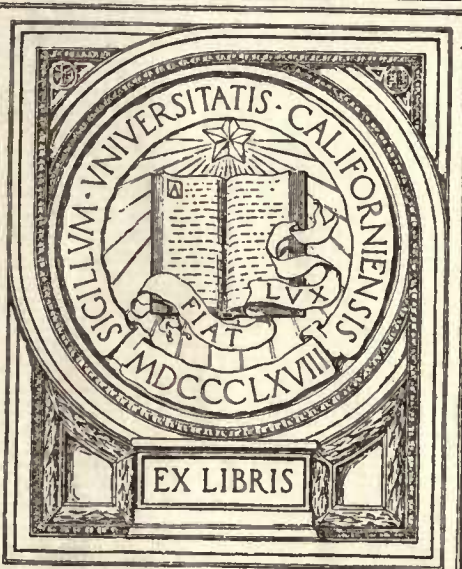


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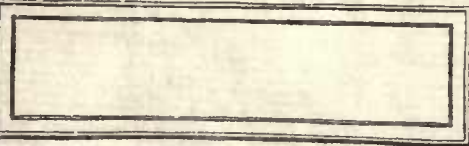
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GREENWICH CATALOGUE OF STARS

FOR

1910·0

PART I.—FUNDAMENTAL STARS.

PART II.—STARS IN THE ZONE $+24^{\circ}0$ TO $+32^{\circ}0$.

FROM OBSERVATIONS WITH

THE TRANSIT CIRCLE.

MADE AT

THE ROYAL OBSERVATORY, GREENWICH,

1906-1914,

UNDER THE DIRECTION OF

SIR FRANK WATSON DYSON, M.A., LL.D., F.R.S.,
ASTRONOMER ROYAL.



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ERRATA.

For the 1910 and 1900 Greenwich Catalogues a complete list of errata is given. To those previous to the 1900 Catalogue only corrections found since the publication of the list printed in that Catalogue are given.

Note.—The figures given are to be substituted for those printed. In some cases to avoid confusion the printed as well as the corrected figures are given.

GREENWICH CATALOGUE FOR 1910.

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COMPLETE LIST OF ERRATA TO GREENWICH SECOND NINE YEAR CATALOGUE, 1900.

INTRODUCTION.

PAGE.		PAGE.	
14.	Line 2, for "the values of the obliquity being," etc., <i>read</i> "the values of the obliquity for the epoch 1901.0 being," etc.	20.	20. S.P. <i>For</i> -".06 <i>read</i> -".16.
		"	18. " ".04 " ".14.
		"	16. " ".02 " ".12.
		"	14. " -.01 " ".11.
20.	N.P.D. Correction for reduction to Pulkowa Refractions and Colatitude 38°31' 21".80.	"	12. " +.01 " ".09.
"	40. S.P. <i>For</i> -".40 <i>read</i> -".50.	"	10. " ".02 " ".08.
"	39. " ".38 " ".48.	"	8. " ".03 " ".07.
"	38. " ".35 " ".45.	"	6. " ".04 " ".06.
"	37. " ".33 " ".43.	"	3 $\frac{3}{4}$. " ".05 " ".05.
"	36. " ".30 " ".40.	"	1 $\frac{1}{2}$ S.P. " +.06 " -.04.
"	34. " ".26 " ".36.	34.	Lalande F. 4660. Adopted P.M. in R.A., <i>for</i> -".318, <i>read</i> +".318.
"	32. " ".22 " ".32.	35.	B.D. +79° 354. <i>Dele.</i> from list.
"	30. " ".19 " ".29.	36.	Name of Star. <i>For</i> σ Draconis, <i>read</i> σ Draconis.
"	28. " ".15 " ".25.	37.	Name. <i>For</i> O.A. (N.) 13695, <i>read</i> O.A. (N.) 13635.
"	26. " ".13 " ".23.	37.	O.A. (N.) 13803. <i>Dele.</i> from list.
"	24. " ".10 " ".20.	37.	B.D. +68° 1395. <i>Dele.</i> from list.
"	22. " -.08 " -.18.		

GREENWICH SECOND NINE YEAR CATALOGUE, 1900—*continued.*INTRODUCTION—*continued.*

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38.		Helsingfors 1636. <i>Dele.</i> from list.	65.	4815.	Excess of R.A. above pole. — ^s .265.
42.		Line 14, for variation read variation.	69.	6192.	Excess of N.P.D. above pole. + ^o "85.
48.	476.	Excess of N.P.D. above pole. + ^o "23.	72.	7179.	Excess of R.A. above pole. — ^s .316.
49.	846.	Excess of R.A. above pole. + ^o s.53.	72.	7180.	Excess of R.A. above pole. — ^s .255.
50.	1055.	Excess of R.A. above pole. + ^o s.16.	73.	7703.	Excess of R.A. above pole. — ^o s.089.
52.	1534.	Excess of N.P.D. above pole. + ^o "18.	74.	7781.	Excess of R.A. above pole. — ^o s.024.
53.	1842.	Excess of R.A. above pole. + ^o s.033.	76.	8483.	Excess of N.P.D. above pole. + ^s "31.
54.	2045.	Excess of R.A. above pole. — ^s .474.	83.		0 Capricorni. Seconds of mean. R.A., for 17 ^s .611, read 19 ^s .611.
56.	2627.	Excess of R.A. above pole. + ^o s.041.			
64.	4611.	Excess of R.A. above pole. — ^s .051.			

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{iv}	89.	Secs. of R.A. 40 ^s .411. Prec. +2 ^s .9561. Sec. Var. + ^s .0022.	{xxii}	987.	Sec. Var. + ^o s.0171.
{v}	108.	Sec. Var. + ^s .0110.	{xxiii}	1001.	Mag. 6.7.
{v}	123.	Secs. of R.A. 55 ^s .076. Prec. +3 ^s .0294.	{xxiii}	1002.	Mag. 5.8.
{vi}	192.	Prec. +4 ^s .0622.	{xxiv}	1065.	Star's Name, B.D. +30° 2944.
{vii}	205.	Sec. Var. + ^o s.0234.	{xxv}	1115.	Sec. Var. — ^o "353.
{vii}	206.	Sec. Var. + ^o s.0334.	{xxv}	1123.	Mean Date in N.P.D. 00.91.
{ix}	322.	Secs. of N.P.D. 6 ["] .00.	{xxv}	1145.	Secs. of N.P.D. 17 ["] .60. Sec. Var. insert —.
{ix}	326.	Sec. Var. + ^o s.0033.	{xxv}	1146.	Sec. Var. — ^o s.0170.
{x}	382.	Prec. +2 ^s .1716	{xxv}	1149.	Secs. of R.A. 15 ^s .496. Prec. +3 ^s .6054.
{xi}	425.	Star's Name, W.B. (2) vi. 316.	{xxviii}	1261.	Star's Name, 6 Sagittæ . . . β.
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{xi}	445.	Sec. Var. — ^o s.1223.	{xxviii}	1283.	Sec. Var. — ^o s.0019.
{xiv}	582.	Prec. +12 ["] .533.	{xxviii}	1284.	Sec. Var. — ^o s.0019.
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{xvi}	687.	Prec. +3 ^s .7912	{xxx}	1361.	Prec. +3 ^s .4287.
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{xxxviii}	79.	Proper Motion + ["] .013.	{xlvii}	506.	Proper Motion + ^s .071.
{xli}	189.	Proper Motion — ["] .032.	{xlvii}	507.	Proper Motion + ["] .029.
{xli}	198.	Secs. of R.A. 8 ^s .03. Proper Motion — ^o s.099.	{xlviii}	569.	Sec. Var. — ^s .249.
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			{liv}	847.	Proper Motion + ^s .011.

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{lvii}	962.	Proper Motion $+^{\circ}018$. $^{\circ}000$.	{cxvii}	3939.	Sec. Var. $-0^{\circ}0478$.
{lvii}	973.	Proper Motion $+^{\circ}065$.	{cxviii}	3985.	Sec. Var. $+0^{\circ}0736$.
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{xc}	2604.	Ast. Cat. No., 4722.	{elixiii}	6221.	Secs. of N.P.D. $20^{\circ}95$.
{xc}	2627.	Secs. of R.A. $20^{\text{h}}209$.	{elixiv}	6275.	Proper Motion $+^{\circ}050$.
{xciii}	2764.	Secs. of R.A. $38^{\text{h}}759$. Prec. $+2^{\circ}6167$.	{elixv}	6298.	Ast. Cat. No., 918. B.D. 2027. Mag. 8.9.
{xcv}	2826.	<i>Dele.</i> footnote.	{elixv}	6317.	Ast. Cat. No., 1144. B.D. 202. Mag. 9.c.
{xcvi}	2923.	<i>Insert</i> footnote. This is the principal star of the pair $\Sigma 1378$, components 8.5 and 10.2.	{elixvi}		Footnote 6334.
{xcix}	3036.	Ast. Cat. No., 6290.	{elixvii}	6385.	Ast. Cat. No., 1975. B.D. 378. Mag. 9.3. Footnote should read:—The dagger (†) in column 3 signifies that the Zone in the B.D. is ($\mp 67^{\circ}$).
{c}	3104.	Ast. Cat. No., 8379.	{elixix}	6509.	Proper Motion $-^{\circ}0473$, $+^{\circ}165$.
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{clxxviii}	6970.	Star's Name, Oeltz. Arg. (N.) 2478.	{cxcix}	7982.	Star's Name, B.D. +66° 732. Secs. of N.P.D. 12 ^s .02. No. of Obs. in N.P.D. 3.
{clxxix}	6983.	Proper Motion + ^s .090.	{ccv}		Footnote 8301.
{clxxix}	7009.	Star's Name, Oeltz. Arg. (N.) 3802.	{ccix}	8473.	Ast. Cat. No., 438. B.D. 144*. Mag. 7.6.
{clxxx}	7042.	Ast. Cat. No., 1417. B.D. 348*. Mag. 8.6.	{ccix}	8483.	Secs. of N.P.D. 27 ^s .82.
{clxxxiii}	7179.	Secs. of R.A. 32 ^s .477. Mean Date 03.6. No. of Obs. R.A. above pole, 3.	{ccxv}	8786.	Prec. +3 ^s .3034.
{clxxxiii}	7180.	Secs. of R.A. 58 ^s .128. Mean Date 04.1. No. of Obs. R.A. above pole, 4.	{ccxviii}	8945.	Star's Name, B.D. +65° 1156.
{clxxxiii}	7206.	Secs. of N.P.D. 26 ^s .88.	{ccxix}	9002.	<i>Dele.</i> footnote.
{clxxxiv}	7250-1.	No. in B.D. 662†.	{ccxx}	9019.	Ast. Cat. No., 6202. B.D. 1322*. Mag. 7.5.
{clxxxviii}	7437.	Star's Name, B.D. +67° 1076.	{ccxxiv}	9254.	Star's Name, Oeltz. Arg. (N.) 25709.
{clxxxix}	7485.	Star's Name, Oeltz. Arg. (N.) 19951.	{ccxxvi}	9324.	Secs. of R.A. 47 ^s .842.
{cxc}	7588.	Ast. Cat. No., 8952.	{ccxxvii}	9358.	<i>Dele.</i> Proper Motion in R.A. and N.P.D.
{cxcii}	7661.	Star's Name, B.D. +66° 35.	{ccxxxi}	9571.	Ast. Cat. No., 3345. B.D. 763*. Mag. 9.0.
{cxcii}	7667.	Ast. Cat. No., 164. B.D. 47. Star's Name, B.D. +66° 47.	{ccxxx}	9583.	Ast. Cat. No., 3393. B.D. 783*. Mag. 8.6.
		<i>Dele.</i> footnote:—The bracket () in column 2 signifies that the number has been taken from Zonc (+67°).	{ccxxxii}	9649.	Secs. of N.P.D. 44 ^s .95.
{cxciii}	7703.	Secs. of R.A. 30 ^s .719. Mean Date 01.5. No. of Obs. R.A. above pole, 3.	{ccxxxiii}	9666.	Secs. of N.P.D. 45 ^s .88.
			{ccxxxiii}	9672.	Star's Name, 11 Draconis . . . a.
			{ccxxxviii}	9917.	Mean Date of Obs. in N.P.D. 02.1.
			{ccxxxviii}	9918.	Mean Date of Obs. in N.P.D. 03.3.
			{ccxxxix}	9976-7.	Footnote Σ2863.

DEDUCED PROPER MOTIONS.

PAGE.			PAGE.		
[6]	Carrington	227. Secs. of N.P.D., for 33 ^s .0, read 34 ^s .9 P.M. in N.P.D. + ^s .020.	[14]	Carrington	954. Secs. of R.A., for 47 ^s .4, read 46 ^s .8. P.M. in R.A. ^s .0000, (^s .000).
[9]	"	480. Secs. of R.A., for 59 ^s .2, read 58 ^s .7 P.M. in R.A. + ^s .0175 (+ ^s .037). Secs. of N.P.D., for 22 ^s .8, read 21 ^s .6. P.M. in N.P.D. ^s .000.	[15]	"	1027. Secs. of R.A., for 2 ^s .6, read 3 ^s .6. P.M. in R.A. — ^s .0090, (— ^s .017).
[9]	"	503. Secs. of R.A., for 46 ^s .6, read 45 ^s .6. P.M. in R.A. — ^s .0022 (— ^s .003).	[18]	"	1379. Secs. of N.P.D., for 51 ^s .9, read 53 ^s .6. P.M. in N.P.D. + ^s .007.
[11]	"	659. Secs. of N.P.D., for 44 ^s .8, read 39 ^s .9 P.M. in N.P.D. + ^s .065.	[21]	"	1639. P.M. in N.P.D. — ^s .027.
[11]	"	687. Secs. of R.A., for 49 ^s .1, read 48 ^s .6 P.M. in R.A. — ^s .0111 (— ^s .022).	[27]	"	2073. Epoch of Obs. 101.1. No. of Obs., 5. Secs. of R.A., for 54 ^s .2, read 53 ^s .3. P.M. in R.A. — ^s .0179, (— ^s .041).
[12]	"	783. Secs. of N.P.D., for 22 ^s .2, read 24 ^s .6. P.M. in N.P.D. + ^s .013.	[27]	"	2075. Secs. of N.P.D., for 64 ^s .3, read 57 ^s .6. P.M. in N.P.D. — ^s .032.
[12]	"	798. Secs. of N.P.D., for 49 ^s .1, read 50 ^s .4. P.M. in N.P.D. — ^s .002.	[29]	"	2301. Secs. of R.A., for 9 ^s .0, read 8 ^s .0. P.M. in R.A. — ^s .0985, (— ^s .095).
[13]	"	821. Secs. of N.P.D., for 26 ^s .5, read 27 ^s .5. P.M. in N.P.D. + ^s .067.	[30]	"	2400. Secs. of R.A., for 0 ^s .2, read 3 ^s .2. P.M. in R.A. — ^s .0323, (— ^s .029).
[14]	"	910. Secs. of R.A., for 22 ^s .4, read 21 ^s .8. P.M. in R.A. + ^s .0180, (+ ^s .037).	[30]	"	2406. Secs. of R.A., for 5 ^s .9, read 5 ^s .4. P.M. in R.A. + ^s .0134, (+ ^s .027).
[14]	"	933. Secs. of R.A., for 15 ^s .9, read 15 ^s .4. P.M. in R.A. + ^s .0132, (+ ^s .017).	[30]	"	2410. P.M. in R.A. + ^s .0111, (+ ^s .022).
			[33]	"	2651. Secs. of N.P.D., for 53 ^s .9, read 55 ^s .9. P.M. in N.P.D. — ^s .035.

GREENWICH SECOND NINE YEAR CATALOGUE, 1900—*continued.*DEDUCED PROPER MOTIONS—*continued.*

PAGE			PAGE		
[33]	Carrington	2693.	Secs. of N.P.D., for 36 ^s .5, read 36 ^s .1.	[49]	Oeltz. Arg. (N.) 6920. Dorpat secs. of R.A., for 32 ^s .09,
			P.M. in N.P.D. — ^s .044.		read 31 ^s .59. <i>Dele.</i> P.M. in
[40]	"	3422.	Secs. of R.A., for 40 ^s .8, read 38 ^s .8.		R.A.
			P.M. in R.A. + ^s .0714, (+ ^s .095).	[60]	B.D.+79° 354. P.M. in R.A. + ^s .075.
[40]	"	3436.	P.M. in N.P.D. + ^s .029.	[62]	Christiania 233. Epoch of Obs. 73°0, 103°4.
[41]	"	3555.	Secs. of R.A., for 59 ^s .2, read 61 ^s .2.	[62]	B.D.+67° 219. P.M. in N.P.D. + ^s .09.
			P.M. in R.A. + ^s .0045 (+ ^s .010).		

The following errata to the earlier Greenwich Catalogues have been found subsequent to that already published in the Second Nine Year Catalogue for 1900. Most of them have been detected and kindly communicated by the Director of the *American Nautical Almanac*, Prof. W. S. Eichelberger, who in his own investigation of the constant of refraction has been making use of the Greenwich observations.

GREENWICH SECOND TEN YEAR CATALOGUE FOR 1890.

INTRODUCTION.

PAGE.	No.		S	PAGE.	No.		"
34.	1201.	Excess of R.A. above pole	— .094.	40.	6839.	Excess of N.P.D. above pole	— .96.
35.	2059.	" "	— .177.	40.	6873.	" "	— .63.
35.	2576.	" "	— .111.	41.	836.	" "	— .65.
36.	2935.	" "	— .039.	41.	2059.	" "	+ .10.
			"	41.	2347.	" "	— .40.
39.	822.	" N.P.D.	— .24.	41.	2576.	" "	— .11.
39.	951.	" "	+ .22.	41.	2935.	" "	— .97.
39.	1948.	" "	— .69.	41.	3136.	" "	— .52.
39.	2240.	" "	— .68.	41.	3606.	" "	+ .37.
39.	2754.	" "	— .25.	41.	3990.	" "	— 2°50.
39.	2865.	" "	+ .05.	41.	5201.	" "	— .77.
39.	3153.	" "	+ 2°29.	41.	5248.	" "	— .44.
39.	3403.	" "	+ .34.	41.	5275.	" "	+ .20.
39.	3685.	" "	+ .67.	41.	6033.	" "	+ .58.
39.	3689.	" "	— .84.	41.	6042.	" "	+ .82.
39.	3693.	" "	+ .03.	41.	6665.	" "	+ .27.
39.	4157.	" "	— 1°30.	41.	6771.	" "	— 2°05.
39.	5236.	" "	— .71.	42.	159.	" "	— 1°14.
39.	5594.	" "	+ .17.	42.	206.	" "	— .33.
39.	5853.	" "	— .34.	42.	1290.	" "	+ .25.
40.	365.	" "	+ .11.	42.	1935.	" "	— .73.
40.	521.	" "	+ .44.	42.	2299.	" "	— 1°78.
40.	586.	" "	— 1°15.	42.	3266.	" "	+ .80.
40.	967.	" "	— .70.	42.	3269.	" "	+ 1°47.
40.	1332.	" "	+ 1°00.	42.	3699.	" "	+ 1°77.
40.	2401.	" "	+ .33.	42.	3877.	" "	+ .37.
40.	2465.	" "	+ .45.	42.	4298.	" "	+ .82.
40.	2668.	" "	+ .65.	42.	5766.	" "	+ 2°00.
40.	2950.	" "	+ .85.	42.	5831.	" "	— .83.
40.	3477.	" "	— 1°10.	42.	5914.	" "	+ .67.
40.	3972.	" "	— .69.	42.	6132.	" "	— 1°35.
40.	6241.	" "	— .18.	42.	6153.	" "	— .83.
40.	6734.	" "	+ .08.	42.	6428.	" "	— .61.

GREENWICH SECOND TEN YEAR CATALOGUE, 1890—*continued.*

INTRODUCTION—*continued.*

PAGE.	No.		"	PAGE.	No.		"
43.	1201.	Excess of N.P.D. above pole	— .56.	43.	3796.	Excess of N.P.D. above pole	+ .38.
43.	2657.	" " "	+1.08.	43.	4592.	" " "	+ .33.
43.	2680.	" " "	+ .34.	43.	5489.	" " "	— .95.
43.	3071.	" " "	— .04.	43.	5567.	" " "	—1.31.
43.	3384.	" " "	+ .07.	43.	6016.	" " "	+ .60.
43.	3522.	" " "	— .87.				

CATALOGUE.

PAGE.	No.		"	PAGE.	No.		"
{vi}	159.	Secs. of N.P.D.	26.37.	{lx}	2865.	Secs. of N.P.D.	18.97.
{vii}	206.	" " "	48.79.	{lxi}	2935.	No. of Obs. in R.A. above and below pole, 3, 5. Secs. of N.P.D.	43.16. Mean Date in N.P.D. 92.57. No. of Obs. in N.P.D. above and below pole, 3, 5.
{x}	365.	" " "	9.66.	{lxi}	2950.	Secs. of N.P.D.	30.40.
{xiii}	521.	" " "	45.34.	{lxv}	3136.	" " "	51.88.
{xiv}	586.	" " "	50.66.	{lxvi}	3153.	" " "	30.39.
{xix}	822.	" " "	38.20.	{lxvii}	3242.	" " "	11.76.
{xix}	836.	" " "	11.87.	{lxviii}	3266.	" " "	23.45.
{xxii}	951.	" " "	7.22.	{lxviii}	3269.	" " "	5.35.
{xxii}	967.	" " "	19.28.	{lxx}	3384.	" " "	18.42.
{xxiv}	1063.	" " "	9.43.	{lxxi}	3403.	" " "	44.67.
{xxvii}	1201.	Secs. of R.A. 188.257. Secs. of N.P.D. 3".14.		{lxxii}	3477.	" " "	2.29.
{xxviii}	1295.	Secs. of N.P.D. 38".44. Mean Date in N.P.D. 94.05. No. of Obs. in N.P.D. above and below pole, 3, 4.		{lxxiii}	3522.	" " "	21.21.
{xxix}	1332.	Secs. of N.P.D. 29".96. No. of Obs. in N.P.D. above pole, 3.		{lxxv}	3606.	" " "	29.92.
{xxxiii}	1507.	Secs. of R.A. 508.376. Proper Motion +8.0019. Secs. of N.P.D. 28".99. Proper Motion +".129.		{lxxvi}	3685.	" " "	23.15.
{xxxviii}	1792.	Secs. of N.P.D.	46.05.	{lxxvi}	3689.	" " "	55.03.
{xli}	1935.	" " "	27.72.	{lxxvi}	3693.	" " "	39.41.
{xli}	1948.	" " "	23.73.	{lxxvii}	3699.	" " "	22.09.
{xlv}	2059.	No. of Obs. in N.P.D. above and below pole, 6, 24.		{lxxviii}	3796.	" " "	43.15.
{xlv}	2071.	No. of Obs. below pole in R.A. and N.P.D., 3.		{lxxix}	3817.	Proper Motion +".191.	
{xlvii}	2240.	Secs. of N.P.D.	56".76.	{lxxx}	3877.	Secs. of N.P.D.	37.77.
{xlviii}	2299.	" " "	5".97. Mean Date in N.P.D. 94.08. No. of Obs. in N.P.D. above pole, 4.	{lxxxii}	3972.	" " "	27.08.
{xlix}	2347.	Secs. of N.P.D.	24.10.	{lxxxii}	3990.	" " "	50.87.
{li}	2401.	" " "	36.55.	{lxxxvi}	4157.	" " "	30.22.
{lii}	2465.	" " "	44.85.	{lxxxviii}	4298.	" " "	12.21.
{liv}	2576.	No. of Obs. in R.A. 3, 3. Secs. of N.P.D. 33".84. Mean Date in N.P.D. 93.70. No. of Obs. in N.P.D. 3, 3.		{xciv}	4592.	" " "	10.01.
{lvi}	2657.	" " "	28.25.	{cvii}	5201.	" " "	19.08.
{lvi}	2668.	" " "	45.91.	{cvii}	5236.	" " "	23.64.
{lvi}	2680.	" " "	27.93.	{cvii}	5248.	" " "	23.62.
{lviii}	2754.	No. of Obs. in N.P.D. above and below pole, 5, 6.		{cviii}	5275.	" " "	47.14.
				{cxiii}	5504.	" " "	35.53.
				{cxiv}	5594.	" " "	50.66.
				{cxvi}	5657.	" " "	16.97.
				{cxviii}	5766.	" " "	38.90.
				{cxix}	5831.	" " "	27.20.
				{cxxx}	5853.	Secs. of N.P.D. 9".23. Mean Date in N.P.D. 93.51. No. of Obs. in N.P.D. above and below pole, 86, 33.	

GREENWICH TEN YEAR CATALOGUE, 1880—*continued*.
CATALOGUE.

PAGE.	No.	s	PAGE.	No.	s
{v}	117.	Secs. of R.A. 51.129; Mean Date in R.A. 81.95; No. of Obs. below pole, 1; Secs. of N.P.D. 22".25; Mean Date in N.P.D., 82.09; No. of Obs. below pole, 1.	{lviii}	2220.	Secs. of N.P.D. 2.64.
{viii}	207.	Secs. of N.P.D. 6.59.	{lviii}	2222.	" " 50.33.
{x}	302.	" " 33.88.	{lx}	2316.	No. of Obs. in R.A. above pole, 2; No. of Obs. in R.A. below pole, <i>insert 1</i> ; N.P.D., 35° 50' 59".82; Mean Date in N.P.D., 84.16; No. of Obs. in N.P.D. above pole, 2; No. of Obs. in N.P.D. below pole, <i>insert 2</i> .
{xi}	355.	" " 17.35.	{lxviii}	2622.	Secs. of N.P.D. 37".64.
{xx}	705.	No. of Obs. above pole in N.P.D., 5.	{lxix}	2678.	No. of Obs. in R.A. above pole, 3; No. of Obs. in R.A. below pole, <i>insert 2</i> ; Secs. of N.P.D., 16".82; Mean Date in N.P.D., 81.92; No. of Obs. in N.P.D. above pole, 2; No. of Obs. in N.P.D. below pole, <i>insert 2</i> .
{xxiii}	813.	Secs. of N.P.D. 8.35.	{lxxiii}	2833.	Secs. of N.P.D. 29.37.
{xxx}	1096.	" " 6.13.	{lxxiii}	2840.	" " 47.50.
{xxxii}	1164.	" " 2.61.	{lxxviii}	3017.	" " 44.64; Mean Date in N.P.D., 86.77; No. of Obs. in N.P.D. above pole, 2.
{xxxii}	1165.	" " 2.01.	{lxxxvi}	3360.	Secs. of N.P.D. 10.28.
{xxxiii}	1231.	" " 46.01.	{xcvi}	3721.	" " 58.19; Mean Date in N.P.D., 81.53; No. of Obs. in N.P.D., above pole, 6; No. of Obs. in N.P.D. below pole, 2.
{xxxvi}	1326.	No. of Obs. above pole in N.P.D., <i>dele.</i> 5. No. of Obs. below pole in N.P.D., <i>insert</i> 5.			
{xlii}	1569.	Secs. of N.P.D. 36".90; Mean Date in N.P.D., 82.80; No. of Obs. below pole in N.P.D., 5.			
{lvi}	2136.	Secs. of N.P.D. 55.36.			
{lvii}	2198.	" " 25.98; No. of Obs. in N.P.D. above pole, 4; No. of Obs. in N.P.D. below pole, 3.			
{lviii}	2202.	" " 15.78; No. of Obs. below pole in N.P.D., 14.			

GREENWICH NINE YEAR CATALOGUE FOR 1872.

INTRODUCTION.

PAGE.	No.	s	PAGE.	No.	s
10.	Groombridge 3667.	No. of Obs. above and below pole, 3, 3; Excess of N.P.D. above pole, +0".77.	11.	Bradley 366.	No. of Obs. above and below pole, 9, 5; Excess of N.P.D. above pole, +0".54.

CATALOGUE.

PAGE.	No.	s	PAGE.	No.	s
{xv}	244.	Secs. of N.P.D. 17.03. Mean Year and Fraction 1871.3.	{cix}	2123.	Secs. of N.P.D. 59.10.
{xli}	800.	Secs. of N.P.D. 7.64.	{cxi}	2181.	" " 58.66. No. of Obs. in N.P.D., 22.
{lxxxv}	1649.	" " 0.27.	{cxiii}	2207.	" " 17.32.
{ci}	1989.	" " 48.91.	{cxv}	2253.	" " 49.41.
{cv}	2059.	" " 3.83. Mean Year and Fraction 1874.0.			

NEW REDUCTION OF GROOMBRIDGE'S CATALOGUE, 1810.

PAGE.	No.	s	PAGE.	No.	s
41.	1557.	Mean Date in N.P.D., 11.3.	93.	3602.	B.D. and No. 71° 1092.
45.	1719.	Secs. of N.P.D., 37".7.	107.	4182.	Proper Motion, +".007.
51.	1943.	Mean Date in R.A., 14.0.	[86]		Star's Name, 39 Ursæ Majoris.
51.	1947.	Mean Date in R.A. and N.P.D., 14.0.	[212]	Groombridge 4182.	Secs. of N.P.D., for 16".7, read 14".9; Residuals e—0, for —0".7, read —1".6; adopted P.M., for +".030, read +".007.
55.	2102.	Prec. in N.P.D., <i>dele.</i> 16".			
56.	2126.	Prec. in R.A., —0".5783.			
74.	2849.	Sec. Var. in R.A., <i>insert</i> —.			

LIST OF ERRATA FOUND IN WEISSE'S REDUCTION OF BESSEL'S ZONES TO 1825.

W.B. and No.	For	Read	W.B. and No.	For	Read	W.B. and No.	For	Read
0 ^h . 46	2'	0'	8 ^h . 1488	38".6	48".6	19 ^h . 257	39".38	40".38
274	39".65	40".65	9 ^h . 346	28".2	38".2	334	0".01	1".01
370	44".32	45".32	947	32".3	42".3	411*	24".4	34".4
370	46".3	26".3	1267	32".86	33".86	849	43".13	44".13
477	46'	45'	10 ^h . 184	43'	45'	1468	54".46	56".46
632†	50".3	40".3	889	43".1	23".1	1537	49".6	9".6
1475	53'	57'	1108	34".28	35".28	20 ^h . 152	19".06	9".06
2 ^h . 21	0".86	1".86	1157	45".0	15".0	152	40".9	50".9
128	16".1	10".1	11 ^h . 319	47".01	48".01	187	55".79	54".79
140	31".79	31".95	371	21".16	22".16	674	22".24	23".24
140	21".3	19".2	422	5".00	6".00	737	40".55	41".55
141	31".95	32".79	12 ^h . 118	21".3	31".3	887	27".13	28".13
141	19".2	21".3	120	21".66	25".66	903	26".7	36".7
330	25' 55".8	26' 29".9	199	23".2	33".2	1106	43".5	3".5
375	36".74	35".74	976	54".64	55".64	1307	32".08	33".08
502	24".16	24".96	13 ^h . 929	25".3	15".3	1427	7".48	8".48
1151	31".8	11".8	1352	54".84	50".84	1856	46".39	46".89
3 ^h . 161	51".82	52".82	14 ^h . 129	31".7	21".7	22 ^h . 259	34".3	44".3
614	12".5	22".5	795	44".55	43".95	1083	42'	41'
752	45".1	55".1	16 ^h . 1578	48".88	48".28	1387	34".5	35".5
4 ^h . 12	37".78	38".78	1750	16".6	6".6	23 ^h . 111	38'	37'
5 ^h . 1370	36'	33'	17 ^h . 29	17".0 ^m	16".59 ^m	350	35".96	34".96
1802	38".9	48".9	376	29".99	28".99	461	12'	11'
1823	53 ^m	52 ^m	965	13".8	23".8	860	35".8	55".8
1823	5".8	15".8	1340	30".4	33".4			
6 ^h . 1123	38".2	30".2	1542	56".63	57".63			
7 ^h . 37	45".65	46".65	18 ^h . 559	36".7	26".7			
755	49".3	27".8	977	20".73	19".73			
1181	37".1	41".1	1558	53".1	33".1			
1618	9".2	19".2	1788	9".92	8".92			
8 ^h . 235	10".3	40".3	19 ^h . 159	39".5	33".5			
772	39".8	49".8	230	27".2	17".2			

BESSEL'S ZONES.

† For 27° 15' 26".2, read 27° 15' 16".2.
 * For 26° 44' 37".5, read 26° 44' 47".5.

ADOPTED ERRATA IN LALANDE'S CATALOGUE, 1800.

Lalande's No.	For	Read	Lalande's No.	For	Read	Lalande's No.	For	Read
290	53'	58'	1455	34' 34".5	44' 24".5	2249	16'	17'
919	<i>Dele.</i>	N.P.D.	1646	45".20	43".70	2687	16".63	16".60
1356	32".21	32".06	1968	59".29	59".53		3' 19".5	8' 19".6
1373	58° 1' 58".9	59° 2' 0".0	2066	30".00	29".91	2878	17".96	27".96
	5".16	4".68		16' 16".8	36' 17".3		38".11	6".43
	58° 2' 21".9	59° 2' 23".0	2147	1 ^m 59".27	2 ^m 0".27	3286		

ADOPTED ERRATA IN LALANDE'S CATALOGUE, 1800—continued.

Lalande's No.	For	Read	Lalande's No.	For	Read	Lalande's No.	For	Read
3431	1 ^a .75	1 ^a .25	11946	5 ^m	4 ^m	16424	22 ^a .68	23 ^a .18
3525	57° 2' 59".2	59° 3' 1".2	11973	12".9	12".4	16568	58° 6' 42".5	57° 6' 43".3
3941	20 ^a .10	18 ^a .96	12190	6 ^m 19 ^a .36	7 ^m 19 ^a .44	16739	15 ^m 57 ^a .64	16 ^m 57 ^a .61
4456	<i>Dele.</i>	N.P.D	12240	14".7	15".1	16750	37".0	37".4
4513	35'	45'	12486	15 ^a .45	45 ^a .29	16754	20 ^m 34 ^a .04	21 ^m 9 ^a .14
4537	16 ^m	15 ^m	12532	18'	2c'	16762	21 ^m 0 ^a .61	20 ^m 0 ^a .58
4818	10".0	9".8	12563	21 ^m	20 ^m	16957	59° 55' 58".2	60° 0' 57".8
5072	54 ^a .03	53 ^a .98	12619	44".6	44".1	17117	21 ^m 1 ^a .32	20 ^m 1 ^a .29
5215	2' 1".8	10' 2".0	12678	22 ^m	21 ^m	17613	11".1	10".7
5260	28 ^a .89	30 ^a .04	12701	1".3	0".8	17691	21 ^m 8 ^a .94	20 ^m 33 ^a .98
5265	47'	44'	13280	24 ^m 23 ^a .93	23 ^m 33 ^a .93	17987	26 ^m 45 ^a .42	27 ^m 45 ^a .40
5266	12 ^a .89	14 ^a .48	13334	54".6	54".8	18064	13".7	14".2
5892	73° 34' 38".6	63° 34' 21".7	13564	54".6	54".8	18183	30 ^m	29 ^m
5928	39 ^m 57 ^a .68	40 ^m 7 ^a .68	13675	54".6	54".8	18286	27".6	27".3
6130	32'	33'	13792	33'	32'	18665	53 ^a .13	53 ^a .18
6552	43' 23".2	38' 23".4	13797	29'	30'	18692	8' 57".3	3' 57".2
6596	0 ^m	1 ^m	13798	46'	45'	19165	45 ^m 20".83	49 ^m 51".74
6621	32 ^a .03	0 ^a .16	13862	23 ^a .34	53 ^a .82	19179	47 ^m 27 ^a .67	48 ^m 6 ^a .42
6689	42 ^a .96	42 ^a .99	13886	23".9	24".1	19566	37 ^a .81	7 ^a .49
7158	15' 27".4	11' 27".3	13972	26 ^a .57	56 ^a .57	20561	<i>Dele.</i>	<i>Obs.</i>
7495	28 ^a .30	58 ^a .50	14144	52".4	52".6	20840	18'	23'
7728	59° 8' 54".7	58° 38' 54".3	14297	56 ^m 47 ^a .72	57 ^m 17 ^a .96	20937	26'	34'
8366	46 ^a .79	14 ^a .87	14444	23".0	23".2	20938	19 ^m 15 ^a .32	18 ^m 15 ^a .33
8546	9".5	9".3	14444	56 ^m 54 ^a .97	57 ^m 25 ^a .21	20940	61° 7' 58".5	60° 24' 58".2
9060	29 ^a .09	39 ^a .09	15238	32".0	32".3	21146	20 ^m 6 ^a .42	19 ^m 35 ^a .56
9292	42 ^m 3 ^a .06	41 ^m 33 ^a .06	15408	56 ^m 59 ^a .19	57 ^m 29 ^a .39	21715	26".9	26".7
9389	20'	21'	15408	54.2	54".4	21858	50 ^a .05	19 ^a .62
9786	2 ^a .96	2 ^a .86	16090	58 ^m	57 ^m	21867	13 ^a .62	42 ^a .00
9947	63° 32' 2".0	64° 2' 2".6	16207	54".5	54".0	22335	6 ^a .49	36 ^a .45
10312	16 ^a .28	16 ^a .78	16223	59 ^m	58 ^m	22532	46".5	46".6
10525	61° 5' 36".3	60° 5' 35".3	16321	33".0	32".4	22718	56 ^a .21	56 ^a .16
10917	61° 5' 36".3	60° 5' 35".3	16333	p. 14	p. 145		36' 14".8	41' 14".9
10935	10'	9'		6 ^m	5 ^m		2 ^m	1 ^m
11532	39'	49'		10 ^m	9 ^m		3'	11'
11611	31 ^a .73	32 ^a .39		24".0	23".5		22'	23'
11840	60° 18' 14".5	59° 18' 13".7		41 ^a .17	41 ^a .67		42 ^m	43 ^m
11937	49 ^m 24 ^a .63	48 ^m 53 ^a .20		64° 22' 57".1	63° 22' 56".1		25".5	25".7
	17' 47".0	19' 46".8		39 ^m 6 ^a .00	38 ^m 36 ^a .09		36 ^a .67	38 ^a .14
	30 ^a .07	29 ^a .99		55".4	55".2		38 ^a .14	42 ^a .40
	30' 55".0	38' 55".1		40 ^a .73	8 ^a .87		50 ^m 52 ^a .08	49 ^m 52 ^a .13
	5 ^a .18	5 ^a .10		3".5	3".3		42".2	41".9
	33' 44".7	43' 44".9		3 ^m	4 ^m		21 ^a .51	21 ^a .54
	25 ^m 9 ^a .62	24 ^m 39 ^a .23		53".4	53".8		60° 2' 2".4	59° 57' 2".3
	35 ^m 46 ^a .55	36 ^m 16 ^a .75		0' 13".1	1' 13".2		18 ^a .16	18 ^a .85
	9".1	8".8		6 ^m	5 ^m		33 ^a .40	28 ^a .33
	30'	20'		43".6	43".1		22335	39 ^m
	14'	19'		9 ^m	10 ^m		44 ^a .61	44 ^a .63
	18'	20'		59".1	59".5		49'	44'
	2 ^m 48 ^a .09	3 ^m 18 ^a .83		10 ^m	11 ^m		51 ^a .16	51 ^a .56
	23".0	23".2		37".9	38".3		64° 6' 50".7	63° 6' 49".8
	5 ^m	6 ^m						
	43".1	43".5						

ADOPTED ERRATA IN LALANDE'S CATALOGUE, 1800—continued.

Lalande's No	For	Read	Lalande's No.	For	Read	Lalande's No.	For	Read
23009	6 ^m 55 ^s .58	5 ^m 55 ^s .55	28273	21 ^m	20 ^m	30333	54' 37".4	55' 27".0
	14".6	14".7		50".2	50".6	30337	30 ^m	29 ^m
23132	10 ^m 50 ^s .79	11 ^m 21 ^s .45	28308	22 ^m	21 ^m		38".9	39".5
	26".5	26".3		31".6	31".9		31 ^s .80	31 ^s .74
23221	33".04	33".10	28375	44 ^s .96	34".96	30367	59° 55' 27".0	60° 22' 53".0
	46' 41".9	36' 41".8		28 ^m	29 ^m		35 ^m	34 ^m
23306	35 ^s .66	25 ^s .66	28499	41".1	40".6	30499	26".5	27".2
23554	25 ^m	24 ^m	28648	10 ^s .97	10 ^s .68	30634	40 ^m	39 ^m
24086	47 ^s .99	48 ^s .06		62° 37' 20".9	63° 37' 22".0		35".1	35".5
	11' 15".7	1' 15".5	28794	52 ^s .40	52 ^s .50	30648	40 ^m	39 ^m
	20 ^s .70	20 ^s .67		63° 8' 52".7	62° 8' 51".6		29".9	30".4
24208	7'	12'	28877	<i>Dele.</i>	<i>Obs.</i>	30865	29 ^s .93	59 ^s .65
24224	50 ^m 52 ^s .56	49 ^m 52 ^s .59	29176	13 ^s .05	12 ^s .95	31085	55 ^m	54 ^m
	6".8	6".9		60° 18' 48".8	59° 18' 47".8		44".1	44".4
24226	50 ^m	49 ^m	29184	22 ^s .75	32 ^s .75	31186	41 ^s .96	11 ^s .20
	45".6	45".8	29222	36'	37'		34 ^s .72	34 ^s .58
24276	37'	38'	29608	29 ^s .52	29 ^s .56	31323	59° 9' 3".9	60° 9' 5".2
24736	9 ^m 57 ^s .15	10 ^m 27 ^s .15		57' 9".9	48' 21".6	31333	20 ^s .48	20 ^s .88
24832	7 ^s .17	17 ^s .17	29621	48' 21".6	57' 9".9	31584	31".4	11".7
24956	26 ^s .76	28 ^s .42	29717	8 ^m	7 ^m	32245	9 ^s .77	9 ^s .66
25000	1 ^s .31	1 ^s .69		43".1	43".6		63° 34' 4".4	64° 34' 5".5
	62° 18' 34".1	61° 18' 33".1	29727	8 ^m	7 ^m	32462	54 ^s .24	54 ^s .19
25714	11'	12'		42".7	43".1		17' 19".6	27' 19".8
25877	12'	11'	29936	57 ^s .73	26 ^s .33	32673	18 ^s .25	18 ^s .34
26011	1 ^m 16 ^s .27	0 ^m 45 ^s .95	29975	18 ^m	17 ^m		59° 8' 37".0	58° 53' 36".8
26140	6 ^m	5 ^m		41".5	41".9	32776	45 ^m	44 ^m
	25".7	26".1	29985	18 ^m	17 ^m		56' 59".7	57' 0".1
26184	53 ^s .23	53 ^s .28		43".4	43".8	32816	46 ^m	45 ^m
	39' 48".0	29' 47".8	30028	20 ^m	19 ^m		8".2	8".7
26420	8 ^s .29	8 ^s .31		18".7	19".1	32820	46 ^m	45 ^m
	47' 2".8	42' 2".7	30139	24 ^m	23 ^m	32830	53".5	53".6
26466	49'	48'		3".5	3".9		46 ^m	45 ^m
26489	20 ^m	19 ^m	30153	24 ^m	23 ^m		21".3	21".8
	30".8	31".0		40".1	40".5	32839	37 ^s .60	37 ^s .57
26491	20 ^m	19 ^m	30161	25 ^m	24 ^m		34' 7".5	54' 7".9
	30".8	31".0		57".1	57".5	32928	p. 495	p. 475.
26939	40'	38'	30195	26 ^m	25 ^m	33458	2 ^m 31 ^s .81	3 ^m 28".20
26949	37 ^m	38 ^m		1".9	2".3	33533	4 ^m	3 ^m
	36".7	36".5	30205	26 ^m	25 ^m		55".2	55".7
26956	38 ^m	39 ^m		18".6	19".0	33534	4 ^m	3 ^m
	21".3	21".1	30220	26 ^m	25 ^m		24".9	25".4
27119	34 ^s .98	35 ^s .04		45".8	46".2	33542	4 ^m	3 ^m
	42' 14".6	22' 14".3	30233	24 ^s .43	24 ^s .81		48".6	49".0
27120	<i>Dele.</i>	<i>N.P.D.</i>		62° 42' 31".7	61° 42' 30".6	33570	5 ^m	4 ^m
27389	38 ^s .55	39 ^s .60	30263	28 ^m	27 ^m		24".9	25".4
27586	59 ^m 0 ^s .85	58 ^m 29 ^s .23		15".4	15".7	34142	31 ^s .46	31 ^s .33
27870	7 ^m 46 ^s .12	8 ^m 16 ^s .50	30303	29 ^m 28 ^s .95	30 ^m 0 ^s .87		15' 51".7	45' 52".2
28186	18 ^m	19 ^m	30319	9 ^s .20	8 ^s .98	34264	29'	34'
	38".0	37".7		61° 5' 48".7	60° 5' 47".0	34418	30'	35'
28241	57 ^s .42	57 ^s .33	30328	25 ^s .24	25 ^s .31	34419	23".9	12".7
	60° 17' 35".3	59° 17' 34".9		60° 22' 53".0	59° 54' 37".4	34550	29'	34'

ADOPTED ERRATA IN LALANDE'S CATALOGUE, 1800—continued.

Lalande's No.	For	Read	Lalande's No.	For	Read	Lalande's No.	For	Read
34660	38 ^s .66	38 ^s .68	38617	46 ^s .40	46 ^s .42	42828	48 ^m	47 ^m
	28' 15".5	9' 51".5		62° 3' 30".3	61° 53' 30".1		30".1	30".5
34666	51 ^s .00	50 ^s .92	38696	17 ^s .99	18 ^s .37	42947	35'	30'
	9' 51".0	28' 15".4		63° 8' 57".3	62° 8' 56".3	43047	55 ^m 16 ^s .67	54 ^m 16 ^s .65
34795	58 ^s .79	58 ^s .81	38701	24 ^s .18	24 ^s .22		28".6	29".0
	62° 4' 48".7	61° 53' 7".6		33' 7".2	13' 6".9	43048	55 ^m 17 ^s .46	54 ^m 17 ^s .44
34826	61° 53' 7".0	62° 4' 48".4	38854	44'	45'		29".5	29".8
34830	58 ^s .06	58 ^s .10	39275	35 ^s .03	3 ^s .81	43049	55 ^m 21 ^s .43	54 ^m 21 ^s .41
	44' 36".7	34' 36".5	39402	5'	0'		60° 55' 27".7	61° 12' 43".4
34989	6 ^s .88	39 ^s .06	39406	41 ^s .26	10 ^s .94	43050	55 ^m 25 ^s .89	54 ^m 25 ^s .87
35191	23'	26'	39414	18 ^m 54 ^s .97	16 ^m 54 ^s .94		61° 12' 43".1	60° 55' 28".0
35208	45'	50'		24".6	25".8	43051	55 ^m 26 ^s .64	54 ^m 26 ^s .62
35293	46 ^m	47 ^m	39442	47 ^s .86	17 ^s .37		24".8	25".1
	56".5	55".8	39460	16 ^s .69	16 ^s .52	43067	36 ^s .80	36 ^s .63
35488	4'	5'		61° 41' 54".8	62° 7' 55".4		60° 0' 16".7	61° 0' 17".9
35892	18'	17'	39466	20 ^s .02	20 ^s .13	43068	5'	0'
36022	2 ^m	3 ^m		62° 7' 55".4	61° 52' 46".9	43391	25'	22'
	35".0	34".4	39482	41 ^s .13	9 ^s .93		8	6½
36120	4 ^m	3 ^m		61° 52' 46".8	61° 41' 54".8	43820	42 ^s .31	42 ^s .30
	50".8	51".3	39686	27'	32'		13' 11".2	5' 1".1
36127	4 ^m	3 ^m	39878	48 ^s .19	54 ^s .19		6½	8
	4".9	5".4	40397	37'	36'	43834	4 ^s .65	4 ^s .62
36570	26'	27'	40457	31' 40".9	41' 41".1		5' 1".0	13' 11".1
37107	45 ^s .96	46 ^s .13	41134	2 ^m	3 ^m	43975	53 ^s .02	52 ^s .98
	63° 37' 4".2	64° 37' 5".0	41265	31 ^s .29	24 ^s .29		16' 49".7	26' 49".9
37171	52 ^s .59	54 ^s .07	41643	15 ^m 16 ^s .82	14 ^m 56 ^s .32	44772	41'	36'
37276	5'	6'	41649	28 ^s .16	48 ^s .66	45579	3 ^s .73	4 ^s .20
37635	37 ^s .12	5 ^s .62	41814	20 ^m 17 ^s .87	19 ^m 47 ^s .49		65° 23' 52".5	63° 23' 49".8
37640	65° 20' 49".0	65° 18' 38".7		35".0	35".3	46233	43 ^s .65	34 ^s .65
37656	65° 18' 38".7	65° 20' 48".6	42296	15 ^s .41	15 ^s .45	46606	18 ^s .60	18 ^s .64
37922	1 ^s .18	1 ^s .22		46' 16".7	36' 16".4		65° 3' 40".1	64° 58' 40".0
	5' 44".9	0' 44".7	42391	34 ^m 57 ^s .49	35 ^m 35 ^s .50	47070	50 ^m 22 ^s .43	51 ^m 22 ^s .45
38106	57°	59°		5".4	5".2		11".8	11".6
38270	53 ^m	52 ^m	42416	35 ^m 35 ^s .87	34 ^m 57 ^s .90			
	25".5	25".8	42667	48".6	48".9			
38327	54 ^m	53 ^m		p. 22	p. 24			
	43".3	43".7						

LIST OF OBSERVATIONS IN BESSEL'S ZONES WHICH HAVE NOT BEEN USED.

<p>In R.A. α^h, 736; I., 86, 668, 1041; II., 393, 438, 620, 631, 842, 1444; III., 227, 390, 466, 515, 768; IV., 370, 1402, 1415; V., 57, 384, 452, 799, 1031, 1036, 1105, 1644, 1673, 1850, 1951, 1982, 1988; VI., 668, 727, 1036, 1090, 1331, 1457; VII., 544, 602, 826, 1104; VIII., 39; X., 463; XI., 465, 912; XII., 412, 838; XIII., 300, 471, 588, 911, 926, 1124; XIV., 597; XV., 719, 873, 1024; XVI., 81, 85, 203, 1388; XVII., 87, 1643; XVIII., 91, 940, 974, 1675; XIX., 841, 1199, 1468, 1562, 1813; XX., 49, 191, 533, 684, 713, 967, 1298, 1412, 1485, 1728, 1734; XXI., 100,</p>	<p>In R.A. XXI., 228, 513, 522, 528, 550, 851, 931, 1538; XXII., 703, 861, 1142, 1238, 1372; XXIII., 471, 588, 599, 600, 636, 823, 883, 903, 922, 1021.</p> <p>In Dec. α^h, 1076; I., 278, 1174; II., 302, 607, 1054, 1133; 1207, 1314, 1364, 1461; III., 87, 133, 390, 596, 640; IV., 77, 539, 553, 1196; V., 49, 454, 1789; VI., 3, 447, 815; VII., 1619; VIII., 181; XII., 412; XIV., 597; XV., 903; XVI., 755, 922; XIX., 1244, 1920; XXI., 522, 551; XXII., 643, 725.</p>
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LIST OF OBSERVATIONS IN LALANDE'S CATALOGUE, 1800, WHICH HAVE NOT BEEN USED.

<p>In R.A. 57, 88, 150, 556, 614, 741, 956, 1032, 1762, 2166, 2445, 2889, 3219, 3276, 3941, 4513, 4540, 4688, 5141, 5147, 5216, 5223, 5307, 5415, 5994, 6472, 6865, 6877, 7404, 8259, 8260, 8273, 8560, 8684, 9303, 9529, 9774, 10123, 10679, 11833, 13122, 13259, 13495, 13679, 13681, 13700, 13958, 14391, 14683, 15004, 15031, 15169, 15412, 15613, 16237, 16291, 16849, 16871, 17144, 17424, 17880, 18845, 20223, 20296, 20742, 21491, 21608, 21715, 22614, 22813, 22994, 23011, 23032, 23519, 23567, 23585, 23795, 23871, 23966, 24025, 24110, 24216, 24290, 24447, 24866, 25070, 25227, 25903, 26022, 26063, 26099, 26392, 26489, 26491, 26552, 26618, 26852, 26919, 27311, 27735, 28120, 28271, 28429, 28900, 28937, 29155, 29174, 29176, 29637, 30028, 30244, 30260, 30714, 30986, 31134, 31249, 31252, 31280, 31317, 31411, 31503, 31848, 32034, 32295, 32367, 32407, 32832, 32856, 33115, 33127, 33533, 34129, 34132, 34141, 34550, 35441, 35727, 35812, 36179, 36474, 36549, 36674, 36740, 37036, 37119, 37212, 37474, 37503, 37730, 37853, 38122, 38134, 38500, 38537, 38731, 39505, 39682, 39695, 39769, 40192, 41326, 43860, 43975, 44026, 44094, 44149, 44549, 45288, 46794, 46555, 46995.</p>	<p>In Dec. 22, 741, 1333, 1440, 1544, 2314, 2653, 2881, 3309, 3338, 3432, 3882, 3941, 4353, 4369, 4446, 4570, 4664, 4960, 5114, 5141, 5307, 5415, 6255, 6363, 6434, 6466, 6474, 6840, 7250, 7315, 7342, 7631, 8259, 8260, 8992, 8994, 9078, 9797, 10008, 10060, 10123, 11627, 11833, 12102, 12103, 12486, 12766, 13122, 13149, 13202, 13564, 13594, 13675, 13958, 14075, 14317, 14391, 14543, 14683, 14991, 15004, 15031, 15231, 15613, 16305, 16416, 16665, 16875, 17144, 17424, 17965, 18480, 18543, 18550, 19313, 19367, 19429, 20610, 20973, 21680, 22184, 24208, 24216, 24447, 24939, 24953, 25045, 25070, 25487, 25667, 27097, 28052, 28339, 28648, 28649, 29027, 29521, 29637, 29803, 29832, 29964, 30865, 31155, 31252, 31501, 31845, 33440, 33896, 33991, 34265, 35638, 35836, 36120, 37132, 37435, 38224, 39194, 39682, 39969, 39996, 40060, 40778, 41388, 41667, 43114, 43302, 43882, 44026, 45040, 45177, 46006, 46376, 46449, 46969, 46983, 47291.</p>
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INTRODUCTION.

THE results contained in the following Catalogue are derived from observations made with the Transit-Circle in the years 1906 to 1914, and are reduced to the epoch 1910.0.

The Catalogue contains Greenwich clock stars, azimuth stars, stars in the *Nautical Almanac*, and other Ephemerides, all stars (including the suggested list of fundamental stars) in Newcomb's *Fundamental Catalogue* visible at Greenwich, and Moon culminators.

1. *Right Ascensions.*

Collimation.—The position of the line of collimation is determined each day by observations on the collimators, the reading of the micrometer of the north collimator for coincidence of its wire with that of the south collimator being usually obtained by observations made through the central cube of the Transit-Circle. A correction of $+r.011$ ($=0''.41$), determined from observations made in the years 1897–1905, has been applied in forming the adopted reading of the line of collimation on account of the difference of the readings for coincidence of the collimators according as they are viewed through the central cube or with the instrument raised.

At the beginning of each week these observations are made with the instrument raised, and also through the central cube. The difference between these nearly simultaneous readings for coincidence, as obtained from all the observations of each observer, gives the following corrections to the collimation error derived from observations through the central cube for each of the years 1906–1914.

Excess of Collimation Error for Coincidence of Collimators with the Instrument raised over that through the Central Cube.

Year.	W.	J.S.	E.	R.C.	B.E.	H.A.	F.J.	Annual Mean.
1906	+ ["] 44	+ ["] 45	+ ["] 35	+ ["] 42	+ ["] 41
1907 *	+ ["] 23	+ ["] 33	+ ["] 36	+ ["] 23	+ ["] 29
1908	+ ["] 23	+ ["] 35	+ ["] 35	+ ["] 29	+ ["] 21
1909	+ ["] 22	..	+ ["] 15	+ ["] 23	+ ["] 16	+ ["] 19
1910	+ ["] 31	..	+ ["] 18	+ ["] 25	+ ["] 25	+ ["] 25
1911	+ ["] 33	..	+ ["] 08	+ ["] 39	+ ["] 21	+ ["] 25
1912	+ ["] 33	..	+ ["] 15	+ ["] 24	+ ["] 39	- ["] 06	..	+ ["] 22
1913	+ ["] 36	+ ["] 39	..	+ ["] 11	+ ["] 29	+ ["] 29
1914	+ ["] 45	+ ["] 52	..	+ ["] 35	+ ["] 19	+ ["] 38
Mean	+ ["] 32	+ ["] 38	+ ["] 23	+ ["] 33	+ ["] 25	+ ["] 13	+ ["] 24	+ ["] 27

* 1907 October. A system of parallel vertical wires was inserted in the collimators.

A correction of +0["]·41, as mentioned above, has been applied to the observations at the time of reduction. The difference between this correction and the actual mean for the years 1906–1914, viz. +0["]·27, may be expressed as a correction in the form $-\frac{.009}{2} (1 - \tan N.P.D.)$. This apparent correction has not been applied.

Level Error.—Observations of level have been made when practicable, three or more times a day. The following are the mean monthly and annual values of the diurnal change of level for the years 1906–1914, observations within three hours of noon, 6 p.m., and midnight respectively being grouped together; the tables give the excess of the level error at the times named over the level error at about the time of sunset.

Monthly Means of Diurnal Variation of Level from Observations in 1906–1914.

Month.	Noon—6 p.m.	Midnight—6 p.m.	No. of Obs.
January	+ ["] 06	+ ["] 12	38
February	+ ["] 09	+ ["] 13	47
March	+ ["] 18	+ ["] 05	47
April	+ ["] 16	+ ["] 14	60
May	+ ["] 23	+ ["] 20	53
June	+ ["] 35	+ ["] 20	52
July	+ ["] 38	+ ["] 21	45
August	+ ["] 35	+ ["] 30	52
September	+ ["] 34	+ ["] 28	72
October	+ ["] 07	+ ["] 26	58
November	+ ["] 03	+ ["] 25	47
December	- ["] 10	+ ["] 18	35

*Annual Means of Diurnal Variation of Level from Observations
in 1906–1914.*

Year.	Noon—6 p.m.	Midnight—6 p.m.	No. of Obs.
1906	+·34	+·23	42
1907	+·13	+·18	72
1908	+·14	+·18	70
1909	+·15	+·08	67
1910	+·15	+·16	68
1911	+·29	+·25	71
1912	+·27	+·25	52
1913	+·14	+·21	82
1914	+·17	+·24	90
	+·20	+·20	..

Azimuth Error.—The adopted places of the nine azimuth stars—Polaris, Cephei 51, Groombridge 1119, Bradley 1672, Groombridge 2283, δ Ursæ Minoris, λ Ursæ Minoris, Groombridge 3548, and Bradley 3147—were taken from the *Greenwich Catalogue* 1900. The observations of these stars were kept for place where the azimuth error had been determined by at least six of these stars, either above or below pole on the same evening.

The following is the comparison between the Greenwich observed places of these stars for 1910·0 and the adopted Right Ascensions of Newcomb's and Boss' Catalogue place for 1900:—

Star's Name.	Greenwich R.A. 1910.	Correction to Boss.	Correction to Newcomb.
	h m s	s	s
Polaris	1. 26. 56·06	+·09	+·21
Cephei 51	6. 58. 39·56	+·05	+·43
Groombridge 1119 ..	8. 8. 41·06	—·03	+·04
Bradley 1672	12. 14. 26·46	+·41	+·50
Groombridge 2283	15. 5. 58·61	+·22	·00
δ Ursæ Minoris	18. 1. 18·23	+·34	+·44
λ Ursæ Minoris.....	19. 10. 58·82	+·84	+·53
Groombridge 3548	21. 17. 38·52	+·12	+·14
Bradley 3147.....	23. 27. 47·32	+·16	+1·46

Clock Error.—The Right Ascensions of the clock stars adopted each year in the Introductions to the Greenwich Observations depend on the Standard Mean

Right Ascensions of the Clock Stars for 1900, which are printed in the Introduction to the *Greenwich Ten-Year Catalogue* 1900, and are based on 12^h groups and Newcomb's value of the equinox correction.

The deduced Right Ascensions of Clock Stars in the Catalogue depends on 6^h groups, *i.e.* no observation of a clock star is kept for place unless it forms one of a group of at least six stars extending over a period of observation of at least 6^h.

For determining the standard Mean Right Ascension for 1910·0, the Right Ascensions of the clock stars have been divided into two groups, depending on 6^h and 12^h groups. The differences between them have been formed with weights depending on the number of observations in the 12^h groups, and are given in the following table as corrections to be applied to the 6^h groups.

Assuming that these corrections can be expressed in the form

$$F + A \cos \alpha + B \sin \alpha + C \cos 2\alpha + D \sin 2\alpha,$$

the correction to the 6^h groups has been computed from the formula

$$-^s\cdot0018 + ^s\cdot0012 \cos \alpha - ^s\cdot0025 \sin \alpha + ^s\cdot0023 \cos 2\alpha + ^s\cdot0021 \sin 2\alpha,$$

when equal weights have been given to each hourly group. The corrections so formed have been applied to the 6^h groups, and the standard Mean Right Ascensions for 1910·0 are formed by recombining the 12^h and 6^h groups with their relative weights.

These places have been further corrected for magnitude equation to reduce them to the basis of the travelling recording micrometer. The adopted correction $^s\cdot0067$ (3·0—m) has been derived from the observations of clock stars made in 1915 with this micrometer. The observed corrections run as follows:—

Magnitude	0 ^m ·4	1 ^m ·4	2 ^m ·5	3 ^m ·6	4 ^m ·4	5 ^m ·3	6 ^m ·4
Correction	+ ^s ·017 ₅₅	+ ^s ·010 ₆₁	+ ^s ·006 ₁₄₅	- ^s ·002 ₁₉₆	- ^s ·002 ₁₇₄	- ^s ·015 ₇₁	- ^s ·028 ₂₀

These results depend on observations with 12^h groups, the numbers of which are suffixed. From a direct comparison of the same places with Boss* the corrections are

$$+^s\cdot013 \quad +^s\cdot010 \quad +^s\cdot002 \quad +^s\cdot001 \quad -^s\cdot004 \quad -^s\cdot014 \quad -^s\cdot021$$

* *Preliminary General Catalogue of 6188 Stars, 1900.*

Corrections to 6^h Groups to Reduce to 12^h Groups.

Limits of R.A.	Observed Correction to 6 ^h Group.	No. of Obs.		Formula Correction to 6 ^h Group.	Limits of R.A.	Observed Correction to 6 ^h Group.	No. of Obs.		Formula Correction to 6 ^h Group.	Limits of N.P.D.	Observed Correction to 6 ^h Group.
		12 ^h .	6 ^h .				12 ^h .	6 ^h .			
h h	s			s	h h	s			s	o o	s
0-1	+009	169	318	+002	12-13	000	82	213	000	50-60	-008
1-2	+008	127	194	+001	13-14	-001	97	198	+001	60-70	-001
2-3	-005	140	167	000	14-15	+001	165	216	+001	70-80	-005
3-4	000	127	159	-002	15-16	-007	134	243	+001	80-90	+002
4-5	-007	125	178	-004	16-17	-002	158	199	000	90-100	+002
5-6	+006	173	227	-006	17-18	+005	195	241	-001	100-110	-006
6-7	-020	106	191	-007	18-19	-007	153	282	-002	110-	-008
7-8	+002	233	260	-008	19-20	+012	211	350	-002	..	..
8-9	-019	70	123	-007	20-21	-006	106	270	-002	..	..
9-10	-002	113	186	-006	21-22	-005	153	300	-001	..	..
10-11	-007	94	196	-004	22-23	000	125	285	000	..	..
11-12	+010	90	239	-002	23-24	-008	109	251	+002	..	..
Total	..	1567	2438	..	..	..	1688	3048	..	..	..

If we assume that the differences between the Greenwich Standard Mean R.A.'s for 1910 and Boss Catalogue for 1900 can be expressed in the form

$$A \cos \alpha + B \sin \alpha + C \cos 2\alpha + D \sin 2\alpha,$$

then these differences taken as Greenwich—Boss become

$$+^s.0023 \cos \alpha - ^s.0090 \sin \alpha + ^s.0063 \cos 2\alpha + ^s.0007 \sin 2\alpha.$$

or correcting the Greenwich Observations for magnitude corrections,

$$+^s.0030 \cos \alpha - ^s.0095 \sin \alpha + ^s.0040 \cos 2\alpha + ^s.0010 \sin 2\alpha,$$

This result agrees with the general result of all investigations into the correction required by Boss Catalogue (*M.N.R.A.S.*, lxxv., p. 335), viz.:—

$$+^s.008 \cos \alpha - ^s.007 \sin \alpha + ^s.006 \cos 2\alpha - ^s.001 \sin 2\alpha.$$

Equinox Correction.—The following table shows the results of the ecliptic investigations for the years 1906–1914:—

Year.	Corrections to		
	Clock Stars.	Obliquity.	☉'s Latitude.
1906	— ^s 058	— ["] 09	— ["] 01
1907	—028	—01	+10
1908	—066	—12	—01
1909	—044	00	+02
1910	—036	+07	+16
1911	—036	+02	+14
1912	—051	+04	—05
1913	—055	—01	+17
1914	—027	—17	+18
Mean	—045	—03	+08

The mean corrections to the Right Ascension of the Clock Stars, that is to Newcomb's Equinox, is thus —^s045, which is considerably larger than the correction deduced in 1900, viz. —^s014. The illumination of the field of view was in 1908 altered. The illuminating light is now supplied from a source mounted outside and on the centre of the object-glass instead of being supplied from an internal annular reflector. There is no evidence to point to this as being the cause of the increase. A correction of +^s054 was previously applied to the Greenwich Standard Right Ascensions of the 1890 Catalogue to reduce them to the Equinox of Newcomb's *Fundamental Catalogue for 1900*, a correction which was substantially the same as that of the Greenwich Observations of the Sun for the years 1897–1902 (+^s042).

*Mean Error of the Tabular Right Ascensions of the Sun's Centre
(Mean of Two Limbs) found by different Observers.*

Year.	W. s	J.S. s	R.C. s	E. s	B.E. s	F.J. s	H.A. s
1906	—02	—05	—05	00	..	..	..
1907	—01	—06	+01	—04	..	..	..
1908	—02	—07	—10	—05	..	..	..
1909	—01	..	—10	—01	—02	..	..
1910	—06	..	—13	—02	—01	..	..
1911	—06	..	—16	—03	—04	..	..
1912	—04	..	—12	—02	—04	..	—04
1913	—03	..	—15	..	..	—09	—04
1914	—04	..	—09	..	..	—14	—06

*Mean Error of the Tabular Declinations of the Sun's Centre
(Mean of Two Limbs) found by different Observers.*

Year.	W.	J.S.	R.C.	E.	B.E.	F.J.	H.A.
1906	- ["] 17	+ ["] 22	+ ["] 55	- ["] 16	..	..	..
1907	- ["] 20	+ ["] 10	+ ["] 51	- ["] 57	..	..	..
1908	- ["] 12	+ ["] 08	+ ["] 39	- ["] 09	..	..	..
1909	- ["] 13	..	+ ["] 52	- ["] 22	+ ["] 34	..	..
1910	- ["] 19	..	+ ["] 43	- ["] 66	+ ["] 17	..	..
1911	- ["] 44	..	+ ["] 43	- ["] 33	+ ["] 13	..	..
1912	- ["] 27	..	+ ["] 49	- ["] 17	+ ["] 14	..	- ["] 16
1913	- ["] 31	..	- ["] 11	- ["] 33	00
1914	- ["] 25	..	+ ["] 20	+ ["] 09	+ ["] 11

2. Declinations.

Microscope and Zenith Distance Micrometer Screws.—The error of the mean readings of the six micrometer screws has remained insensible for the range of the screw (0^r to 5^r) to which the observations are ordinarily confined. The effect of wear is practically eliminated by the reversal of three of the screws. The error of the Zenith Distance micrometer screw has been checked from time to time by measurements of intervals on the circle, nadir, and collimators.

Nadir Correction.—The apparent corrections for discordance between the zenith point determined from observations of the nadir, and from reflexion observations of stars in the years 1906–1914, are as follows:—

1906	- ["] 40	1911	- ["] 22
1907	- ["] 24	1912	- ["] 12
1908	- ["] 33	1913	- ["] 14
1909	- ["] 16	1914	- ["] 28
1910	- ["] 20		

The cause of this discordance is unknown. Since 1906 January 1 a correction of $-0^{\prime\prime}25$ has been applied to the observation of the nadir in forming the zenith point on days when no reflexion observations of stars were made.

Diurnal Variation of the Nadir.—Observations of the nadir have been made when practicable three or more times a day. The observations have been grouped as in the case of the level, and give the apparent corrections to the nadir about the time of sunset.

*Monthly Means of Diurnal Variation of Nadir from Observations
in 1906–1914.*

Month.	Noon—6 p.m.	Midnight—6 p.m.	No. of Obs.
January	+ ["] 15	+ ["] 06	35
February	+ ["] 11	— ["] 03	45
March	+ ["] 24	+ ["] 24	44
April	+ ["] 12	+ ["] 11	59
May	+ ["] 11	+ ["] 21	56
June	+ ["] 07	+ ["] 02	56
July	+ ["] 07	+ ["] 13	52
August	+ ["] 18	+ ["] 06	61
September	+ ["] 11	+ ["] 04	69
October	+ ["] 31	+ ["] 03	61
November	+ ["] 19	— ["] 09	42
December	+ ["] 12	— ["] 01	35
Mean	+ ["] 15	+ ["] 07	..

Annual Means of Diurnal Variation of Nadir for years 1906–1914.

Year.	Noon—6 p.m.	Midnight—6 p.m.	No. of Obs.
1906	+ ["] 19	— ["] 01	40
1907	+ ["] 17	+ ["] 15	67
1908	+ ["] 11	+ ["] 05	82
1909	+ ["] 18	+ ["] 12	69
1910	+ ["] 19	+ ["] 01	72
1911	+ ["] 17	+ ["] 05	69
1912	+ ["] 08	+ ["] 08	58
1913	+ ["] 19	+ ["] 09	73
1914	+ ["] 13	+ ["] 03	85
Mean	+ ["] 15	+ ["] 07	..

R—D Discordance.—The system of reducing the Zenith Distances observed with the Transit-Circle to the mean of reflexion and direct observations for each separate year's observations was followed till the formation of the Catalogue for 1900. It was then found that a large diminution in the value of the flexure-term as determined from the R—D investigations for the years 1897–1905 did not appear to be supported by the result of the ordinary direct observations, and a value of $+0^{\prime\prime}.6 \sin Z.D.$ applicable to Z.D. South, corresponding to the mean of the results of the preceding twenty years' observations, was adopted, and has been in use since.

A discussion of the results of the R and D observations from 1897–1914, by Mr Thackeray (*M.N.R.A.S.*, lxxv., pp. 548–553) has shown—

(1) There is a considerable range in the results given by different observers, pointing to something of the nature of bisection error.

(2) The discordance diverges considerably from the law $a + b \sin Z.D.$

(3) There are marked systematic differences between the ordinary direct observations and those taken in connection with the observations by reflexion.

Considered as a flexure correction the R and D observations for the years 1906–1914 give the value $+0''.5 \sin Z.D.$ In the previous catalogue the value $+0''.6 \sin Z.D.$ was applied to the observations, and this value has been adopted as the correction applicable to Z.D. South for the present Catalogue.

The observations in the individual years give the following formula for the correction to the direct observations:—

1906	$+''09$	$+''47 \sin Z.D.$	1911	$+''05$	$+''50 \sin Z.D.$
1907	$+''05$	$+''58$	1912	$+''03$	$+''48$
1908	$+''07$	$+''44$	1913	$+''03$	$+''43$
1909	$+''04$	$+''60$	1914	$+''06$	$+''37$
1910	$+''03$	$+''52$			

Horizontal Flexure.—The values of the horizontal flexure determined from observations on the collimators in the years 1906–1914 are as follows:—

Year.	Flexure.	No. of Obs.	Year.	Flexure.	No. of Obs.
1906	$+''50$	2	1911	$+''28$	1
1907	$+''07$	2	1912	$-''15$	2
1908	$-''23$	1	1913	$-''16$	3
1909	$-''23$	2	1914	$-''14$	2
1910	$+''04$	2			

The mean value is $-''01.$

Thermometer.—The thermometer which is used as the exterior thermometer is mounted in the front court in a screen allowing a free circulation of the air. Until 1913 November 10, when it was broken, this thermometer was Negretti and Zambra 70,661. It was replaced by Hicks 257,551. From comparisons with the standard thermometer an index correction of $-0^{\circ}.2$ was applied to all the readings

of Negretti and Zambra 70,661, and from similar comparisons no correction is required to the readings of Hicks 257,551.

Barometer.—The barometer in use for the whole period 1906–1914 is one made by Horne & Thornthwaite, marked No. 389, with metallic scale and graduation modified for change of mercury surface in the cistern. From comparisons with the standard barometer it is found to require no corrections to its readings.

Colatitude and Refraction.—Since 1906 January 1, Poulkova refractions have been used. A table of these refractions has been given as an appendix to *Greenwich Observations*, 1898. The mean value of the colatitude adopted in connection with these refractions is $38^{\circ} 31' 21''.80$. Correction for latitude variation derived from Professor Albrecht's provisional discussions of the international series of observations have been applied each year to the Greenwich North Polar Distances, as follows:—

Table of Corrections for Latitude Variation, 1906–1914.

(The signs of these corrections are applicable to colatitude.)

Fraction of Year.	1906.	1907.	1908.	1909	1910.	1911.	1912.	1913.	1914.
·0	— ^{''} 13	— ^{''} 07	+ ^{''} 06	+ ^{''} 21	+ ^{''} 14	— ^{''} 07	— ^{''} 27	— ^{''} 13	— ^{''} 01
·1	— ^{''} 03	— ^{''} 05	— ^{''} 03	+ ^{''} 20	+ ^{''} 21	+ ^{''} 04	— ^{''} 16	— ^{''} 17	— ^{''} 07
·2	+ ^{''} 09	— ^{''} 02	— ^{''} 12	+ ^{''} 12	+ ^{''} 26	+ ^{''} 12	— ^{''} 04	— ^{''} 18	— ^{''} 17
·3	+ ^{''} 15	·00	— ^{''} 18	— ^{''} 02	+ ^{''} 19	+ ^{''} 15	+ ^{''} 10	— ^{''} 14	— ^{''} 23
·4	+ ^{''} 18	+ ^{''} 03	— ^{''} 20	— ^{''} 15	+ ^{''} 07	+ ^{''} 15	+ ^{''} 16	— ^{''} 10	— ^{''} 23
·5	+ ^{''} 16	+ ^{''} 05	— ^{''} 17	— ^{''} 25	— ^{''} 11	+ ^{''} 09	+ ^{''} 12	— ^{''} 06	— ^{''} 22
·6	+ ^{''} 11	+ ^{''} 06	— ^{''} 08	— ^{''} 32	— ^{''} 29	— ^{''} 05	+ ^{''} 06	— ^{''} 03	— ^{''} 21
·7	+ ^{''} 04	+ ^{''} 09	+ ^{''} 02	— ^{''} 30	— ^{''} 34	— ^{''} 16	+ ^{''} 02	·00	— ^{''} 16
·8	— ^{''} 02	+ ^{''} 11	+ ^{''} 10	— ^{''} 16	— ^{''} 31	— ^{''} 25	— ^{''} 03	+ ^{''} 02	— ^{''} 07
·9	— ^{''} 06	+ ^{''} 10	+ ^{''} 19	·00	— ^{''} 21	— ^{''} 32	— ^{''} 09	+ ^{''} 02	+ ^{''} 01
1·0	— ^{''} 08	+ ^{''} 09	+ ^{''} 20	+ ^{''} 16	— ^{''} 04	— ^{''} 30	— ^{''} 14	·00	+ ^{''} 09

The following are the deduced annual corrections to the adopted colatitude $38^{\circ} 31' 21''.80$, the mean is $-0''.02$.

Year.	Correction.	Year.	Correction.
1906	— ^{''} 13	1911	+ ^{''} 08
1907	— ^{''} 09	1912	·00
1908	— ^{''} 14	1913	— ^{''} 02
1909	+ ^{''} 03	1914	+ ^{''} 03
1910	+ ^{''} 03		

Comparison with other Catalogues.—A comparison has been made of the Greenwich Clock Star Places for the 1890, 1900, and the present Catalogue 1910, with Newcomb's *Fundamental Catalogue for 1900*, and Boss's *Preliminary General Catalogue of 6188 Stars for 1900*.

The Greenwich Right Ascensions are the standard mean Right Ascensions used for clock-star lists, and the declinations are those printed in the body of the Catalogues.

The comparison has been made by reducing Newcomb and Boss to the epochs of the Greenwich Catalogues with the annual variations given in these two catalogues. The Right Ascensions of the Greenwich 1890 Catalogue have been increased by $+^s.047$ to reduce them to the equinox of Newcomb's catalogue.

Comparison of Right Ascensions in Order of R.A.

(Unit $s.001$.)

Limits of R.A.	No. of Stars.	Greenwich—Newcomb.				Greenwich—Boss.			
		1890.	1900.	1910.	Mean.	1890.	1900.	1910.	Mean.
h h									
0-1	11	-4	-7	-7	-6	+4	+4	+6	+5
1-2	7	-4	-5	-2	-4	-2	0	+4	+1
2-3	10	+5	+2	+14	+7	+8	+9	+21	+13
3-4	10	-8	-18	-20	-15	+2	-3	-3	-1
4-5	8	-1	-22	-28	-17	+2	-14	-18	-10
5-6	9	+2	-12	-13	-8	-6	-16	-18	-13
6-7	11	-13	-22	-20	-18	-13	-15	-11	-13
7-8	8	-4	-17	-20	-14	-9	-9	-17	-12
8-9	7	-2	-4	-18	-8	-1	-1	-11	-4
9-10	8	-2	0	-11	-4	0	+4	-7	-1
10-11	7	-1	+2	-2	0	+4	+9	+9	+7
11-12	8	+1	+3	+5	+3	+2	+5	+7	+5
12-13	10	0	+2	+5	+2	-1	+2	+3	+1
13-14	7	+3	+7	+13	+8	-1	+5	+9	+4
14-15	8	+4	+6	+4	+5	+1	+5	+3	+3
15-16	9	+3	+4	+3	+3	-1	+1	+1	0
16-17	9	+1	+1	+5	+2	-6	-3	+4	-2
17-18	8	-2	-3	+3	0	-3	+1	+7	+2
18-19	8	+3	+4	+7	+5	-3	+2	+7	+2
19-20	12	+17	+17	+22	+19	+11	+13	+16	+13
20-21	9	-1	+4	+3	+2	+4	+12	+12	+9
21-22	9	+10	+4	+4	+6	+7	+5	+4	+5
22-23	10	-4	+4	+3	+1	-3	+9	+9	+5
23-24	7	+7	+17	+12	+12	+4	+14	+7	+8

Right Ascensions in Order of Declination.(Unit $\times 001$.)

Limits of Dec.	No. of Stars.	Greenwich—Newcomb.				Greenwich—Boss.			
		1890.	1900.	1910.	Mean.	1890.	1900.	1910.	Mean.
+40 ^o to +30 ^o	9	+ 6	- 2	-16	- 4	+ 4	- 5	-13	- 5
+30 ^o „ +20 ^o	37	+ 4	- 4	-13	- 4	+10	+ 4	- 4	+ 3
+20 ^o „ +10 ^o	40	0	- 6	- 3	- 3	+ 6	+ 1	+ 7	+ 5
+10 ^o „ 0	46	0	+ 3	+ 2	+ 2	+ 7	+ 9	+ 7	+ 8
0 „ -10	35	- 2	0	+ 3	0	+ 2	+ 4	+10	+ 5
-10 „ -20	28	- 6	- 7	- 1	- 5	- 3	- 7	- 2	- 4
-20 „ -30	15	+ 8	+18	+17	+14	- 8	- 7	- 7	- 7
Mean . . .	..	0	- 1	- 2	..	+ 4	0	+ 1	..

Comparison of Declinations in Order of R.A.

Limits of R.A.	No. of Stars.	Greenwich—Newcomb.				Greenwich—Boss.			
		1890.	1900.	1910.	Mean.	1890.	1900.	1910.	Mean.
h h		"	"	"	"	"	"	"	"
0- 1	11	-·13	+·01	-·03	-·05	-·07	+·02	-·03	-·03
1- 2	7	-·01	-·08	-·10	-·06	-·04	-·10	-·13	-·09
2- 3	10	+·06	-·01	+·12	+·06	+·01	-·13	+·03	-·03
3- 4	10	+·02	+·06	+·01	+·03	-·01	+·04	-·01	+·01
4- 5	8	+·01	+·08	+·03	+·04	+·01	+·07	+·05	+·04
5- 6	9	+·08	+·06	-·05	+·03	+·04	-·01	-·12	-·03
6- 7	11	-·11	-·11	-·25	-·16	-·10	-·08	-·18	-·12
7- 8	8	-·05	-·02	-·14	-·07	-·10	·00	-·20	-·10
8- 9	7	-·15	+·02	-·10	-·08	-·16	·00	-·10	-·09
9-10	8	-·03	-·11	-·22	-·12	-·02	-·17	-·21	-·13
10-11	7	+·02	-·17	-·05	-·07	+·04	-·15	-·03	-·05
11-12	8	-·01	-·10	-·14	-·08	+·06	-·04	-·05	-·01
12-13	10	+·10	+·04	+·11	+·08	+·10	-·05	+·03	+·03
13-14	7	-·01	+·06	-·03	+·01	+·06	+·14	+·04	+·08
14-15	8	+·10	+·09	+·21	+·13	+·14	+·11	+·16	+·14
15-16	9	+·10	+·19	+·18	+·16	+·16	+·27	+·27	+·23
16-17	9	-·01	-·03	-·01	-·02	+·01	+·14	+·12	+·09
17-18	8	+·09	+·09	+·10	+·09	+·12	+·10	+·14	+·12
18-19	8	-·04	-·04	+·03	-·02	-·08	-·08	-·03	-·06
19-20	12	+·01	+·03	+·13	+·06	-·03	-·08	+·09	-·01
20-21	9	-·01	-·03	-·04	-·03	+·05	+·07	+·08	+·07
21-22	9	·00	-·02	+·18	+·05	-·02	-·07	+·12	+·01
22-23	10	-·04	-·09	+·01	-·04	-·03	-·04	+·04	-·01
23-24	7	-·02	+·11	+·02	+·04	-·09	-·04	-·02	-·05

Declinations in Order of Declination.

Limits of Dec.	No. of Stars.	Greenwich—Newcomb.				Greenwich—Boss.			
		1890.	1900.	1910.	Mean.	1890.	1900.	1910.	Mean.
+40° to +30°	9	-.12	-.13	+.05	-.07	+.07	+.22	+.39	+.23
+30° ,, +20°	37	-.04	-.05	+.12	+.01	+.19	+.19	+.40	+.26
+20° ,, +10°	40	-.01	-.01	+.14	+.04	+.22	+.22	+.42	+.29
+10° ,, 0°	46	-.08	-.28	+.01	-.12	+.21	.00	+.33	+.18
0° ,, -10°	35	-.05	-.17	+.07	-.05	+.24	+.15	+.40	+.26
-10° ,, -20°	28	-.07	-.02	+.25	+.05	+.20	+.25	+.53	+.33
-20° ,, -30°	15	-.06	+.13	+.31	+.13	+.04	+.23	+.42	+.23
Mean . . .	..	-.05	-.10	+.12	-.01	+.19	+.16	+.40	+.25

Explanation of the separate Columns of the Printed Catalogue.

The Right Ascensions given in this Catalogue are based on the Greenwich clock-star lists of Standard Right Ascensions referred to the equinox of Professor Newcomb's *Catalogue of Fundamental Stars for 1900*.

The declinations are based on

Pulkova Refractions,

Value of colatitude $38^{\circ}31'21''.80$,

A correction of $+0''.6 \sin Z.D.$ South to the Zenith Distances for flexure, and are corrected for latitude variation.

The Right Ascensions and Declinations are reduced to 1910.0 with the proper motions given in the body of the Catalogue, which are those of Boss's *General Catalogue for 1900*.

The magnitudes are taken from the Revised Harvard Photometry.

The mean dates require no explanation.

The number of observations gives the aggregate number of observations in the different years above and below pole which are combined with equal weights to form the mean Right Ascensions.

The annual precession and secular variation are derived from Downing's *Precession Tables for 1910*, in which Newcomb's value of the precession constant is used. The precession in R.A. is given by the formula

$$3^{\text{s}}\cdot07252 + 1^{\text{s}}\cdot33642 \sin \alpha \tan \delta,$$

and the secular variation by the formula

$$A + B \tan \delta + C \tan^2 \delta,$$

where

$$A = +0^{\text{s}}\cdot00186 + 0^{\text{s}}\cdot00649 \sin 2\alpha.$$

$$B = -0^{\text{s}}\cdot00057 \sin \alpha + 0^{\text{s}}\cdot02986 \cos \alpha.$$

$$C = +0^{\text{s}}\cdot01299 \sin 2\alpha.$$

It should be noted that the secular variation given by these formulæ, and printed in the Catalogue, is the secular variation which depends on the precession alone. The variation due to the combined effect of proper motion and precession is not included.

The annual proper motions are taken from Boss's *General Catalogue for 1900*.

To the columns relating to Declinations the same remarks apply generally as in the case of R.A., except that in combining observations above and below the pole the following system of weights are used:—

For stars whose declinations exceed $+75^\circ$ the observations above and below pole have equal weights; from $+75^\circ$ to $+54^\circ$ those below pole have the weight $\frac{2}{3}$ for each observation; from $+54^\circ$ to $+49^\circ$ those below pole have the weight $\frac{1}{2}$ for each observation; beyond $+49^\circ$ the observations below pole are not used in fixing the mean declination 1910.0.

The precession in Declination is given by the formula

$$+20''\cdot0461 \cos \alpha,$$

and the secular variation by the formula

$$A' + B' \tan \delta,$$

where

$$A' = -0''\cdot0085 \cos \alpha - 0''\cdot4479 \sin \alpha.$$

$$B' = -0''\cdot1948 \sin^2 \alpha.$$

Standard Mean Right Ascensions of Clock Stars for 1910·0 based on Twelve-hour Groups Corrected for Magnitude Equation from Observations made with the Travelling Wire Micrometer.

Star's Name.	Mag.	Mean R.A. 1910·0.			Approx. N.P.D.	Star's Name.	Mag.	Mean R.A. 1910·0.			Approx. N.P.D.
		h	m	s				°	'	h		m	s	°	'
α Andromedæ..	2·2	0.	3.	43·950	61. 24	ι Aurigæ	2·9	4.	51.	7·814	56. 59
γ Pegasi	2·9	0.	8.	35·999	75. 19	ϵ Leporis.....	3·3	5.	1.	39·026	112. 29
ι Ceti	3·8	0.	14.	50·541	99. 19	Rigel	0·3	5.	10.	12·757	98. 18
44 Piscium	6·0	0.	20.	47·297	88. 34	β Tauri	1·8	5.	20.	36·084	61. 28
12 Ceti	6·0	0.	25.	26·720	94. 27	δ Orionis.....	2·5	5.	27.	24·489	90. 22
ϵ Andromedæ..	4·5	0.	33.	47·773	61. 11	α Leporis	2·7	5.	28.	45·618	107. 53
β Ceti	2·2	0.	39.	4·379	108. 29	ϵ Orionis	1·8	5.	31.	38·773	91. 16
δ Piscium	4·6	0.	44.	0·682	82. 54	κ Orionis.....	2·2	5.	43.	29·248	99. 42
20 Ceti	4·9	0.	48.	24·454	91. 38	α Orionis.....	1·0*	5.	50.	17·957	82. 37
μ Andromedæ .	3·9	0.	51.	45·172	51. 59	ι Geminorum..	4·3	5.	58.	38·934	66. 44
ϵ Piscium	4·5	0.	58.	16·226	82. 36	ν Orionis	4·4	6.	2.	25·977	75. 13
β Andromedæ .	2·4	1.	4.	41·310	54. 51	η Geminorum..	3·5*	6.	9.	26·670	67. 28
ζ^1 Piscium	5·6	1.	9.	1·627	82. 54	μ Geminorum..	3·2	6.	17.	30·929	67. 26
θ Ceti	3·8	1.	19.	31·454	98. 39	β Canis Majoris	2·0	6.	18.	44·169	107. 55
η Piscium	3·7	1.	26.	39·906	75. 7	ν Geminorum .	4·1	6.	23.	37·159	69. 44
ν Piscium.....	4·7	1.	36.	44·756	84. 58	γ Geminorum..	1·9	6.	32.	30·798	73. 31
\circ Piscium	4·5	1.	40.	38·343	81. 18	ξ Geminorum..	3·4	6.	40.	14·313	77. 0
β Arietis	2·7	1.	49.	39·944	69. 38	θ Canis Majoris	4·3	6.	50.	0·510	101. 56
α Arietis	2·2	2.	2.	5·821	66. 58	ϵ Canis Majoris	1·6	6.	55.	5·346	118. 51
ζ^1 Ceti	4·5	2.	8.	13·677	81. 35	ζ Geminorum ..	4·0*	6.	58.	46·276	69. 18
67 Ceti	5·7	2.	12.	29·634	96. 50	γ Canis Majoris	4·1	6.	59.	41·167	105. 30
ζ^2 Ceti	4·3	2.	23.	22·298	81. 57	ς Geminorum..	5·3	7.	8.	12·214	73. 41
ν Ceti	5·0	2.	31.	8·944	84. 48	δ Geminorum..	3·5	7.	14.	44·933	67. 51
δ Ceti	4·0	2.	34.	52·080	90. 4	β Canis Minoris	3·1	7.	22.	16·230	81. 32
γ^2 Ceti	3·6	2.	38.	38·156	87. 9	Castor	2·0	7.	28.	51·579	57. 55
σ Arietis	5·5	2.	46.	31·285	75. 17	Procyon	0·5	7.	34.	35·475	84. 33
ϵ Arietis	4·6	2.	54.	3·753	69. 1	Pollux	1·2	7.	39.	48·645	61. 45
α Ceti	2·8	2.	57.	34·399	86. 16	ξ Argûs	3·5	7.	45.	30·520	114. 38
δ Arietis	4·5	3.	6.	28·798	70. 37	δ Cancri	5·0	7.	57.	59·562	61. 57
τ^1 Arietis	5·2	3.	16.	1·684	69. 11	ρ Argûs	2·9	8.	3.	42·654	114. 3
\circ Tauri.....	3·8	3.	19.	58·073	81. 17	β Cancri	3·8	8.	11.	38·134	80. 32
f Tauri	4·3	3.	25.	54·111	77. 22	d^1 Cancri	5·9	8.	18.	12·718	71. 23
ϵ Eridani	3·8	3.	28.	41·354	99. 46	η Cancri	5·5	8.	27.	30·335	69. 15
11 Tauri.....	6·2	3.	35.	23·565	64. 58	γ Cancri	4·7	8.	38.	4·782	68. 12
δ Eridani	3·7	3.	38.	56·121	100. 4	ϵ Hydræ	3·5	8.	42.	0·632	83. 15
η Tauri	3·0	3.	42.	7·912	66. 10	α Cancri	4·3	8.	53.	33·961	77. 48
γ^1 Eridani.....	3·2	3.	53.	49·776	103. 46	κ Cancri	5·1	9.	2.	52·415	78. 58
Λ^1 Tauri	4·5	3.	59.	22·299	68. 10	83 Cancri	6·6	9.	13.	57·584	71. 55
ω^1 Tauri	5·7	4.	3.	55·198	70. 38	α Hydræ	2·2	9.	23.	9·895	98. 16
\circ^1 Eridani.....	4·1	4.	7.	28·260	97. 4	ξ Leonis	5·1	9.	27.	5·776	78. 18
γ Tauri	3·9	4.	14.	40·174	74. 35	\circ Leonis	3·8	9.	36.	20·901	79. 42
ϵ Tauri	3·6	4.	23.	21·540	71. 1	μ Leonis	3·1	9.	40.	44·697	65. 49
Aldebaran.....	1·1	4.	30.	45·306	73. 40	ϵ Leonis	4·1	9.	47.	38·866	63. 34
τ Tauri.....	4·3	4.	36.	50·446	67. 13	π Leonis	4·9	9.	55.	27·508	81. 31
μ Eridani.....	4·2	4.	41.	0·058	93. 25	Regulus.....	1·3	10.	3.	34·858	77. 36

The magnitude correction is derived from the formula $m - 0.067(3.0 - M)$.

* Variable.

Standard Mean Right Ascensions of Clock Stars for 1910·0 based on Twelve-hour Groups Corrected for Magnitude Equation from Observations made with the Travelling Wire Micrometer—continued.

Star's Name.	Mag.	Mean R.A. 1910·0.			Approx. N.P.D.	Star's Name.	Mag.	Mean R.A. 1910·0.			Approx. N.P.D.
		h	m	s	°			h	m	s	°
γ^1 Leonis	2·6	10.	15.	0·793	69. 42	α Serpentis	2·8	15.	39.	50·049	83. 18
μ Hydræ	4·1	10.	21.	44·205	106. 23	ϵ Serpentis	3·8	15.	46.	19·718	85. 15
ρ Leonis	3·9	10.	28.	4·394	80. 14	γ Serpentis	3·9	15.	52.	17·705	74. 3
ζ^4 Sextantis	6·6	10.	37.	58·665	85. 57	β^1 Scorpii	2·9	16.	0.	12·098	109. 34
l Leonis	5·3	10.	44.	31·663	78. 59	δ Ophiuchi	3·0	16.	9.	37·688	93. 28
d Leonis	5·1	10.	55.	54·786	85. 54	γ Herculis	3·8	16.	17.	56·961	70. 38
χ Leonis	4·7	11.	0.	22·523	82. 11	Antares	1·2	16.	23.	53·220	116. 14
δ Leonis	2·6	11.	9.	19·446	68. 59	λ Ophiuchi	3·9	16.	26.	22·390	87. 49
δ Crateris	3·8	11.	14.	50·405	104. 17	ζ Ophiuchi	2·7	16.	32.	12·082	100. 23
τ Leonis	5·2	11.	23.	18·538	86. 39	ζ Herculis	3·0	16.	37.	53·565	58. 14
ν Leonis	4·5	11.	32.	20·432	90. 20	κ Ophiuchi	3·4	16.	53.	24·455	80. 29
β Leonis	2·2	11.	44.	28·235	74. 55	ϵ Herculis	3·9	16.	56.	50·731	58. 56
β Virginis	3·8	11.	46.	0·427	87. 44	η Ophiuchi	2·6	17.	5.	12·913	105. 37
π Virginis	4·6	11.	56.	15·672	82. 53	α^1 Herculis	3·5*	17.	10.	32·599	75. 30
\circ Virginis	4·2	12.	0.	37·494	80. 46	λ Ophiuchi	3·4	17.	16.	28·852	114. 55
ϵ Corvi	3·2	12.	5.	29·642	112. 7	σ Ophiuchi	4·4	17.	22.	2·892	85. 47
η Virginis	4·0	12.	15.	18·065	90. 10	α Ophiuchi	2·1	17.	30.	45·401	77. 23
δ^2 Corvi	3·1	12.	25.	12·327	106. 1	β Ophiuchi	2·9	17.	39.	1·579	85. 24
β Corvi	2·8	12.	29.	39·435	112. 54	μ Herculis	3·5	17.	42.	56·148	62. 14
ρ Virginis	5·0	12.	37.	19·754	79. 16	δ^9 Herculis	5·5	17.	51.	47·314	63. 56
ζ^5 Virginis	6·7	12.	43.	16·432	85. 56	η^2 Ophiuchi	3·7	18.	3.	4·964	80. 27
ζ^1 Comæ	5·1	12.	47.	18·947	61. 58	μ Sagittarii	4·0	18.	8.	22·838	111. 5
δ Virginis	3·7	12.	51.	4·178	86. 7	η Serpentis	3·4	18.	16.	39·167	92. 55
ϵ Virginis	3·0	12.	57.	41·825	78. 33	λ Sagittarii	2·9	18.	22.	24·989	115. 28
θ Virginis	4·4	13.	5.	17·325	95. 4	α Lyræ	0·1	18.	33.	53·474	51. 18
Spica	1·2	13.	20.	27·010	100. 42	z Aquilæ	4·7	18.	37.	20·781	99. 8
ζ Virginis	3·4	13.	30.	6·351	90. 8	β^1 Lyræ	3·7*	18.	46.	45·409	56. 45
m Virginis	5·3	13.	36.	53·191	98. 15	α Aquilæ	4·2	18.	55.	32·266	75. 3
τ Boötis	4·5	13.	42.	59·129	72. 6	ζ Aquilæ	3·0	19.	1.	16·432	76. 16
η Boötis	2·8	13.	50.	23·981	71. 9	ψ Sagittarii	4·9	19.	10.	1·395	115. 25
τ Virginis	4·3	13.	57.	3·914	88. 1	ω Aquilæ	5·1	19.	13.	35·522	78. 34
η^4 Virginis	6·6	14.	1.	31·681	98. 28	δ Aquilæ	3·4	19.	20.	57·666	87. 4
κ Virginis	4·3	14.	8.	5·556	99. 51	α Vulpeculæ	4·6	19.	24.	57·615	65. 31
Arcturus	0·2	14.	11.	33·395	70. 21	μ Aquilæ	4·7	19.	29.	41·573	82. 49
f Boötis	5·4	14.	22.	16·175	70. 22	h^2 Sagittarii	4·7	19.	31.	13·927	115. 5
ρ Boötis	3·8	14.	27.	57·056	59. 14	e^1 Sagittarii	5·5	19.	35.	34·095	106. 30
ϵ^2 Boötis	2·7	14.	41.	3·408	62. 33	γ Aquilæ	2·8	19.	41.	58·861	79. 36
α Libræ	2·9	14.	45.	53·818	105. 40	α Aquilæ	0·9	19.	46.	23·566	81. 22
ξ^2 Libræ	5·6	14.	51.	52·928	101. 3	β Aquilæ	3·9	19.	50.	53·564	83. 49
ψ Boötis	4·7	15.	0.	35·300	62. 42	c Sagittarii	4·6	19.	57.	7·578	117. 58
i^1 Libræ	4·7*	15.	7.	5·289	109. 27	θ Aquilæ	3·4	20.	6.	39·721	91. 5
β Libræ	2·7	15.	12.	9·719	99. 3	α^2 Capricorni	3·8	20.	13.	3·731	102. 49
o^2 Libræ	6·6	15.	18.	0·450	104. 49	β Capricorni	3·3	20.	15.	57·380	105. 4
ζ^1 Libræ	5·9	15.	23.	10·695	106. 24	ρ Capricorni	5·0	20.	23.	43·710	108. 7
α Coronæ	2·3	15.	30.	52·628	62. 59	ϵ Delphini	4·0	20.	28.	54·786	79. 0

The magnitude correction is derived from the formula $0·0067(3·0 - M)$.

Standard Mean Right Ascensions of Clock Stars for 1910·0, based on Twelve-hour Groups, Corrected for Magnitude Equation from observations made with the Travelling Wire Micrometer—continued.

Star's Name.	Mag.	Mean R.A. 1910·0.	Approx. N.P.D.	Star's Name.	Mag.	Mean R.A. 1910·0.	Approx. N.P.D.
		h m s	° ′			h m s	° ′
α Delphini	3·9	20. 35. 27·465	74. 24	θ Aquarii	4·3	22. 12. 5·134	98. 14
ϵ Aquarii	3·8	20. 42. 48·322	99. 50	γ Aquarii	4·0	22. 17. 0·500	91. 50
μ Aquarii	4·8	20. 47. 48·045	99. 19	σ Aquarii	4·9	22. 25. 53·131	101. 8
32 Vulpeculæ . . .	5·2	20. 50. 43·412	62. 17	η Aquarii	4·1	22. 30. 43·932	90. 35
θ Capricorni . . .	4·2	21. 0. 53·371	107. 35	ζ Pegasi	3·6	22. 36. 58·375	79. 38
ζ Cygni	3·4	21. 9. 6·312	60. 9	μ Pegasi	3·7	22. 45. 39·474	65. 52
α Equulei	4·1	21. 11. 19·525	85. 7	λ Aquarii	3·8	22. 47. 55·204	98. 4
ι Capricorni . . .	4·3	21. 17. 14·226	107. 13	Fomalhaut	1·3	22. 52. 40·844	120. 6
β Aquarii	3·1	21. 26. 49·317	95. 58	α Pegasi	2·6	23. 0. 16·616	75. 17
ξ Aquarii	4·8	21. 32. 57·717	98. 15	γ Piscium	3·9	23. 12. 29·974	87. 13
ϵ Pegasi	2·5	21. 39. 45·940	80. 32	κ Piscium	4·9	23. 22. 19·105	89. 14
δ Capricorni . . .	3·0	21. 42. 4·501	106. 32	ι Piscium	4·3	23. 35. 19·231	84. 52
16 Pegasi	5·1	21. 48. 57·962	64. 30	δ Sculptoris . . .	4·6	23. 44. 14·388	118. 38
α Aquarii	3·2	22. 1. 9·715	90. 45	ω Piscium	4·0	23. 54. 41·328	83. 38
ι Pegasi	4·0	22. 2. 49·197	65. 6	2 Ceti	4·6	23. 59. 7·820	107. 50

The magnitude correction is derived from the formula $s-0.067(3.0-M)$.

GREENWICH CATALOGUE OF STARS FOR 1910·0

PART I.

FUNDAMENTAL STARS

OBSERVED AT THE ROYAL OBSERVATORY, GREENWICH
1906—1914

REDUCED WITH PROPER MOTIONS TO THE EPOCH
1910·0

No. in Boss' Catalogue, 1900.	STAR'S NAME	Magnitude	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.
			h	m	s		Above Pole.	Below Pole.				°	'	"		Above Pole.	Below Pole.			
6188	Piazzi XXIII. 270 ..	6.3	0	0	26.980	14.41	3	+3.0725	+ .0014	+ 25	- 1	0	10.50	14.41	3	+20.046	- .009	- 47		
1	33 Piscium	4.7	0	43	748	10.66	5	3.0720	- .0014	- 13	- 6	12	39.02	10.66	5	046	010	+ 90		
7	4 Ceti	6.3	3	7	490	12.72	4	3.0715	+ .0004	+ 18	- 3	2	58.06	12.72	4	044	015	+ 4		
9	5 Ceti	6.3	3	35	667	12.27	7	3.0714	+ .0006	+ 3	- 2	56	54.15	12.27	7	044	016	- 5		
10	21 Andromedæ ....a	2.2	3	43	943	11.17	131	3.0844	+ .0185	+ 106	+28	35	37.04	11.48	140	043	016	- 161		
12	11 Cassiopeiaæ ....β	2.4	0	4	22.147	09.54	1	+3.1143	+ .0524	+ 677	+58	39	11.94	10.38	1	+20.042	- .017	- 181		
19	22 Andromedæ	5.1	5	38	230	10.56	5	3.1060	+ .0333	+ 4	+45	34	17.28	11.23	5	040	020	- 1		
20	Piazzi 0. 1	6.0	5	42	430	09.60	5	3.0692	- .0008	+ 19	- 5	44	55.36	10.23	7	040	020	- 20		
	Piazzi 0. 4	6.8	6	33	194	10.77	5	3.0699	+ .0002	+ 8	- 3	49	18.64	10.57	7	038	021	+ 13		
27	88 Pegasi	2.9	8	35	996	10.74	49	3.0856	+ .0102	0	+14	40	59.88	11.28	47	032	026	- 13		
35	35 Piscium	6.2	0	10	20.640	12.07	3	+3.0813	+ .0068	+ 66	+ 8	19	16.45	12.07	3	+20.026	- .029	- 24		
	35 Piscium (Comes)..	7.8	10	21	155	14.74	2	3.0813	+ .0068	+ 66	+ 8	19	6.57	14.74	2	026	029	- 24		
37	Bradley 6	6.2	11	6	862	12.31	2	3.3410	+ .1478	+ 68	+76	27	2.65	11.47	10	023	032	- 1		
49	Mayer 5	6.4	13	10	350	14.01	4	3.0741	+ .0032	+ 49	+ 1	11	18.32	13.98	6	013	034	+ 9		
50	25 Andromedæ ....σ	4.5	13	37	311	13.55	3	3.1308	+ .0253	- 56	+36	17	11.41	13.55	3	011	036	- 44		
53	8 Ceti	3.8	0	14	50.545	11.10	33	+3.0584	- .0022	- 12	- 9	19	21.91	11.51	21	+20.004	- .037	- 32		
56	41 Piscium	5.6	15	57	913	14.10	3	3.0851	+ .0068	- 4	+ 7	41	26.62	14.10	3	19.997	040	+ 14		
57	27 Andromedæ ....ρ	5.2	16	22	605	13.85	2	3.1457	+ .0267	+ 54	+37	28	12.92	13.85	2	995	041	- 44		
69	Mayer 7	6.3	19	53	749	09.90	7	3.0670	+ .0016	- 30	- 2	43	0.11	09.90	7	970	047	- 37		
73	44 Piscium	6.0	20	47	316	10.70	29	3.0755	+ .0037	- 13	+ 1	26	29.22	10.81	37	964	049	- 16		
79	10 Ceti	6.4	0	22	0.340	10.79	1	+3.0713	+ .0028	+ 48	- 0	32	52.22	10.79	1	+19.954	- .051	+ 2		
	W.B. 0. 366	7.0	25	2	700	09.74	2	3.0640	+ .0016	+ 45	- 3	20	13.33	09.74	2	926	057	+ 1		
90	12 Ceti	6.0	25	26	739	10.36	33	3.0610	+ .0010	+ 5	- 4	27	15.95	10.35	37	923	058	- 7		
91	Piazzi 0. 91	5.2	25	52	840	07.73	1	3.0045	- .0096	- 26	-24	17	7.16	07.73	1	918	058	+ 16		
102	51 Piscium	5.7	27	45	100	14.69	4	3.0908	+ .0067	+ 18	+ 6	27	30.87	14.69	4	899	063	+ 12		
103	15 Cassiopeiaæ ....κ	4.2	0	27	52.437	10.84	4	+3.3832	+ .0716	+ 16	+2	26	6.75	11.03	4	+19.898	- .068	+ 1		
109	Piazzi 0. 109	5.6	29	14	070	13.85	2	2.9741	- .0125	- 23	-30	3	13.84	13.85	2	883	064	- 28		
116	13 Ceti	5.2	30	36	896	10.25	7	3.0598	+ .0015	+ 272	- 4	5	17.74	10.26	12	867	068	- 18		
117	14 Ceti	5.9	30	55	594	09.75	10	3.0694	+ .0031	+ 86	- 0	59	59.90	09.75	10	864	069	- 61		
122	17 Cassiopeiaæ ....ζ	3.7	31	56	985	10.88	4	3.3226	+ .0498	+ 23	+53	24	6.02	10.59	4	851	076	- 9		
123	29 Andromedæ ....π	4.4	0	32	4.250	08.80	2	+3.1946	+ .0245	+ 17	+33	13	26.94	09.56	3	+19.850	- .073	- 9		
127	Piazzi 0. 130	5.7	32	43	367	14.68	2	2.9828	- .0094	+1022	-25	15	44.48	14.68	2	842	070	- 9		
126	Bradley 48	6.4	32	56	263	11.92	3	4.4337	+ .3996	- 526	+81	59	49.57	11.19	7	839	101	+ 91		
130	30 Andromedæ ....ε	4.5	33	47	782	11.16	50	3.1807	+ .0212	- 173	+28	49	23.94	11.85	69	828	077	- 248		
132	31 Andromedæ ....δ	3.5	34	30	673	12.11	26	3.1900	+ .0224	+ 107	+30	22	7.01	12.27	28	819	078	- 86		
135	18 Cassiopeiaæ ....α	2.5	0	35	23.625	12.33	2	+3.3778	+ .0562	+ 61	+56	2	37.97	12.33	2	+19.807	- .084	- 31		
	Lalande 1082	6.5	36	32	795	14.66	2	3.1056	+ .0086	- 84	+ 8	51	49.40	14.71	6	792	080	- 82		
147	16 Ceti	2.2	39	4	373	11.83	38	2.9967	- .0053	+ 160	-18	28	49.38	11.85	28	756	082	+ 39		
150	21 Cassiopeiaæ	5.6	39	41	338	11.19	1	3.9025	+ .1671	- 53	+74	29	46.42	12.27	13	746	106	- 24		
152	22 Cassiopeiaæ ....ο	4.7	39	42	180	10.09	1	3.3265	+ .0418	+ 22	+47	47	31.25	09.87	1	746	092	- 5		
155	Piazzi 0. 166	5.3	0	40	17.186	07.73	1	+2.9757	- .0072	- 34	-22	30	2.64	07.73	1	+19.737	- .084	+ 87		
164	34 Andromedæ ....ζ	4.3	42	33	943	09.40	4	3.1812	+ .0180	- 74	+23	46	39.87	11.50	20	701	094	- 80		
165	60 Piscium	6.2	42	44	307	14.34	3	3.0996	+ .0075	+ 9	+ 6	14	59.17	14.04	7	698	092	- 10		
170	62 Piscium	6.1	43	37	220	14.98	1	3.1027	+ .0078	+ 71	+ 6	48	30.23	14.98	1	684	094	+ 8		
168	24 Cassiopeiaæ ....η	3.6	43	39	000	09.48	2	3.4672	+ .0611	+1392	+57	20	18.97	09.48	2	684	104	- 522		
171	Mayer 24	5.8	0	43	39.706	11.84	5	+3.0938	+ .0068	+ 500	+ 4	49	5.17	12.26	9	+19.683	- .094	- 1144		
172	25 Cassiopeiaæ ....ν	5.0	43	43	750	09.72	1	3.3797	+ .0468	+ 35	+50	28	30.18	10.40	2	682	102	- 11		
173	63 Piscium	4.6	44	0	691	11.48	34	3.1043	+ .0080	+ 55	+ 7	5	43.15	11.85	25	677	095	- 44		
175	35 Andromedæ ....ν	4.4	44	50	735	11.33	2	3.2951	+ .0329	+ 17	+40	35	20.83	11.25	3	663	102	- 21		
179	Bradley 82	5.5	45	15	310	10.35	1	3.6043	+ .0841	+ 47	+63	45	27.78	09.76	1	656	112	0		

35 Piscium. These stars form the pair Σ 12.

Bradley 6. This star is a close double and forms the pair Σ 13, components 6.6 and 7.1.

51 Piscium. This is the principal star of the pair Σ 36, components 6.2 and 9.3.

13 Ceti. This star is the close double Hough 212, components 5.5 and 6.2.

Piazzi 0. 130. This star is the close double β 395, components 6.6 and 6.7.

η Cassiopeia. This is the principal star of the binary Σ 60, components 4.0 and 7.6.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.
			h	m	s		Above Pole	Below Pole				°	'	"	Above Pole	Below Pole			
188	Bradley 91	6.5	0	46	40.186	11.17	5	+ 3.0862	+ .0059	+ 7	+ 2	53	49.35	11.67	7	+19.632	- .099	- 86	
191	20 Ceti	4.9		48	24.464	11.64	34	3.0645	.0037	- 4	- 1	37	58.09	11.50	36	601	.102	- 16	
199	27 Cassiopeiae	2.3		51	15.916	10.47	5	3.5908	.0726	+ 40	+60	13	46.25	10.47	5	547	.125	- 2	
203	37 Andromedae	3.9		51	45.177	11.42	27	3.3064	.0309	+ 128	+38	0	40.96	11.43	17	537	.116	+ 27	
209	68 Piscium	5.6		52	57.667	12.26	28	3.2388	.0222	+ 9	+28	30	21.06	11.92	34	513	.116	- 12	
217	Bradley 107	6.3	0	55	9.715	13.30	4	+ 3.1060	+ .0079	+ 14	+ 5	59	53.36	13.30	4	+19.468	- .116	- 9	
218	2 Ursae Minoris	4.5		56	16.016	10.08	3	7.4690	1.5169	+ 780	+85	46	29.25	10.48	18	445	.273	- 5	
219	Bradley 65	6.5		58	14.765	11.06	1	16.2751	10.8869	+1860	+88	32	29.66	12.03	7	402	.605	- 17	
226	71 Piscium	4.5		58	16.234	12.17	29	3.1162	0.0088	- 54	+ 7	24	20.96	12.54	34	402	.122	+ 28	
230	26 Ceti	6.1		59	11.058	09.27	5	3.0778	.0055	+ 79	+ 0	53	4.67	08.95	8	381	.123	- 34	
233	73 Piscium	6.2	I	0	12.730	11.97	3	+ 3.1039	+ .0078	+ 20	+ 5	10	27.10	11.97	3	+19.358	- .126	- 9	
234	72 Piscium	5.7		0	20.155	10.84	2	3.1622	.0129	- 2	+14	27	44.66	10.82	5	355	.128	+ 44	
238	77 Piscium	6.8		1	9.795	12.77	2	3.0998	.0074	+ 12	+ 4	25	45.44	13.33	4	336	.127	- 113	
240	77 Piscium (Comes)	7.6	I	11	9.60	14.82	1	3.0998	.0074	+ 7	+ 4	25	50.36	14.82	1	336	.127	- 108	
242	28 Ceti	5.6	I	34	2.90	09.29	2	3.0079	.0002	+ 21	-10	19	16.25	09.29	2	327	.125	+ 11	
243	75 Piscium	6.2	I	1	49.465	14.72	4	+ 3.1513	+ .0118	+ 10	+12	28	25.72	14.72	4	+19.321	- .131	+ 37	
244	30 Cassiopeiae	5.3		2	16.453	09.61	1	3.5749	.0585	+3924	+54	28	44.98	09.82	1	311	.148	-1558	
250	30 Ceti	5.9		3	14.717	12.09	3	3.0065	.0003	+ 97	-10	16	0.06	11.94	5	287	.128	+ 22	
252	80 Piscium	5.7		3	43.965	09.97	2	3.1057	.0080	- 182	+ 5	10	25.51	09.97	2	276	.132	- 181	
255	31 Ceti	3.6		4	3.775	09.92	4	3.0031	.0001	+ 141	-10	39	32.94	11.75	7	268	.129	- 133	
256	Bradley 117	5.7	I	4	27.703	11.29	2	+ 5.0164	+ .3450	+ 326	+79	11	42.54	11.33	6	+19.258	- .211	+ 8	
259	43 Andromedae	2.4		4	41.305	11.04	80	3.3345	.0288	+ 149	+35	8	37.11	11.03	58	253	.144	- 115	
267	33 Ceti	6.2		5	55.650	08.98	7	3.0855	.0064	- 2	+ 1	58	1.09	08.98	7	222	.136	- 2	
269	82 Piscium	5.0		6	8.755	13.53	29	3.3006	.0250	- 17	+30	56	46.69	13.53	29	217	.145	- 14	
270	84 Piscium	4.9		6	36.800	09.08	1	3.2161	.0171	+ 14	+20	33	21.74	09.08	1	205	.143	+ 6	
271	83 Piscium	4.7	I	6	41.984	12.66	25	+ 3.2905	.0239	+ 55	+29	36	43.69	12.70	30	+19.203	- .146	- 38	
282	86 Piscium	5.6		9	1.644	10.94	26	3.1219	.0091	+ 89	+ 7	5	58.57	11.37	32	144	.143	- 52	
285	37 Ceti	5.2		9	52.040	06.81	1	3.0132	.0016	+ 84	- 8	24	22.98	06.77	3	122	.140	+ 268	
	Lalande 2255	7.1		11	4.253	13.21	3	3.1393	.0104	- 9	+ 9	18	30.24	13.21	3	090	.148	-	
295	89 Piscium	5.3		13	9.300	10.03	12	3.0955	.0072	- 34	+ 3	8	27.23	10.30	21	19.034	.150	- 23	
300	90 Piscium	4.7	I	14	30.982	13.04	34	+ 3.2881	+ .0220	+ 17	+26	47	28.70	12.96	39	+18.996	- .161	- 12	
303	91 Piscium	5.6		16	8.586	12.51	42	3.3069	.0233	+ 18	+28	16	5.81	12.21	48	950	.165	- 76	
304	46 Andromedae	5.0		17	2.120	10.70	1	3.5142	.0421	+ 39	+45	3	27.48	11.08	1	924	.177	+ 4	
313	45 Ceti	3.8		19	31.464	10.64	34	3.0034	.0020	- 54	- 8	38	51.16	11.32	30	851	.157	- 213	
310	36 Cassiopeiae	5.0		19	33.513	09.37	2	4.1790	.1231	+ 139	+67	39	37.90	09.62	2	850	.215	+ 34	
314	37 Cassiopeiae	2.8	I	19	55.080	12.41	3	+ 3.8561	+ .0784	+ 400	+59	46	4.14	12.24	3	+18.840	- .200	- 46	
321	48 Andromedae	5.0		22	15.875	11.02	2	3.5410	.0423	+ 324	+44	56	32.58	11.02	2	768	.189	- 96	
	Piazz I. 85	6.4		23	39.634	13.74	4	3.1353	.0099	+ 90	+ 7	29	43.33	13.74	4	725	.171	- 0	
327	38 Cassiopeiae	6.0		24	30.757	11.98	2	4.3820	.1458	+ 277	+69	48	6.14	12.65	2	698	.238	- 66	
332	98 Piscium	5.1		25	28.117	09.94	10	3.1209	.0091	+ 194	+ 5	40	48.97	09.94	10	668	.174	- 44	
335	99 Piscium	3.7	I	26	39.910	11.72	47	+ 3.2036	+ 0.0142	+ 20	+14	52	55.82	11.62	36	+18.630	- .180	- 10	
325	1 Ursae Minoris	2.1		26	56.057	10.49	71	27.2221	22.6146	+1440	+88	49	33.41	10.53	274	621	1.478	- 0	
349	40 Cassiopeiae	5.5		31	18.010	10.06	2	4.7249	0.1878	- 12	+72	34	53.90	09.10	6	476	0.275	- 6	
350	50 Andromedae	4.2		31	30.545	10.59	6	3.5235	.0372	- 158	+40	57	20.16	10.59	6	469	.208	- 378	
356	102 Piscium	5.6		32	19.567	12.99	6	3.1808	.0125	- 51	+11	40	53.56	11.85	7	441	.190	+ 37	
357	51 Andromedae	3.8	I	32	27.662	12.19	4	+ 3.6588	+ .0486	+ 61	+48	10	21.65	12.38	4	+18.437	- .217	- 112	
369	53 Andromedae	4.9		35	15.739	12.97	2	3.5273	.0363	+ 12	+40	7	17.59	12.97	2	339	.215	- 25	
370	43 Cassiopeiae	5.5		35	39.497	11.44	2	4.3862	.1289	+ 97	+67	35	17.91	10.42	2	325	.267	- 2	
378	106 Piscium	4.7		36	44.766	10.48	50	3.1207	.0092	- 14	+ 5	1	57.26	10.70	44	287	.194	+ 1	
384	54 Andromedae	4.2		38	0.692	10.62	3	3.7386	.0534	+ 29	+50	14	8.77	11.30	3	241	.234	- 18	

26 Ceti. This is the principal star of the pair Σ 84, components 6.6 and 9.0.
 77 Piscium. These stars form the pair Σ 90.
 Polaris. This is the principal star of the pair Σ 93, components 2.5 and 9.5.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.
			h	m	s		Above Pole.	Below Pole.				o	'	"		Above Pole.	Below Pole.			
391	52 Ceti	3.7	1	39	53.230	11.58	6	+2.9063	-0.0001	-1195	-16	24	39.83	10.91	4	+18.172	-0.187	+857		
393	110 Piscium.....	4.5		40	38.352	10.98	41	3.1595	+0.0112	+46	+8	42	18.48	11.24	40	144	204	+51		
396	Sculptoris	5.4		41	25.975	11.08	1	2.7995	-0.0036	+116	-25	30	6.55	11.08	1	115	183	-57		
403	4 Arietis.....	5.7		43	17.887	14.55	3	3.2450	+0.0158	+33	+16	30	27.24	14.44	4	18.044	214	-25		
411	53 Ceti	4.8		45	9.910	11.92	2	2.9560	+0.0024	-108	-11	7	51.18	11.92	2	17.972	199	-79		
414	54 Ceti	5.9	1	46	5.298	09.79	5	+3.1842	+0.0124	-47	+10	35	53.12	10.12	9	+17.937	-0.215	-27		
415	2 Persei	5.6		46	25.498	10.58	2	3.7947	+0.0541	+25	+50	20	53.87	10.98	2	923	256	-29		
416	55 Ceti.....	3.9		47	1.025	12.85	2	2.9580	+0.0025	+25	-10	46	45.00	12.85	2	900	202	-32		
419	45 Cassiopeiae.....	3.4		47	54.444	11.28	2	4.2742	+0.1005	+57	+63	13	38.14	11.72	2	865	290	-17		
421	2 Trianguli.....	3.6		47	56.838	12.53	40	3.4106	+0.0251	+13	+29	8	27.02	12.29	43	863	233	-232		
426	Piazzi I. 209.....	4.8	1	48	53.775	09.47	2	+3.1018	+0.0084	+15	+2	44	36.61	09.47	2	+17.825	-0.215	+25		
428	6 Arietis.....	2.7		49	39.941	10.52	43	3.3010	+0.0184	+68	+20	22	5.96	10.70	41	795	229	-111		
436	8 Arietis.....	5.2		52	25.938	14.76	2	3.2695	+0.0165	+21	+17	22	42.51	14.76	2	682	232	-26		
441	9 Arietis.....	4.8		52	54.616	09.33	5	3.3429	+0.0204	-68	+23	9	27.18	10.32	7	662	238	-18		
	W.B. (2) I. 1172....	8.5		52	56.610	07.80	1	3.3430	+0.0204	-68	+23	9	52.84	07.80	1	661	238	-18		
447	Mayer 74.....	6.1	1	54	36.660	12.39	3	+3.2071	+0.0132	-1	+11	51	30.83	12.39	3	+17.591	-0.232	-35		
449	50 Cassiopeiae.....	4.1		55	43.534	09.72	3	5.0607	+0.1909	-83	+71	59	10.97	10.66	11	544	365	+23		
453	59 Ceti.....	4.2		55	45.945	12.27	3	2.8176	-0.0011	+93	-21	30	49.08	12.27	3	543	206	-20		
457	53 Cassiopeiae.....	5.6		56	19.773	10.68	2	4.4018	+0.1064	+14	+63	57	20.58	11.48	2	519	319	+5		
	113 Piscium.....	5.2		57	23.160	10.86	2	3.0991	+0.0084	+28	+2	19	48.16	10.86	2	473	229	-6		
463	113 Piscium.....	4.3	1	57	23.293	12.16	4	+3.0991	+0.0084	+28	+2	19	45.97	11.20	5	+17.473	-0.229	-6		
	W.B. I. 973.....	6.3		57	44.328	12.85	6	3.2246	+0.0140	-9	+13	2	34.64	12.85	6	458	239	-6		
468	57 Andromedae... γ^1	2.3		58	22.127	10.82	6	3.6646	+0.0394	+42	+41	53	53.73	10.82	6	(1) 431	271	-52		
469	57 Andromedae... γ^2	5.1		58	22.990	11.51	2	3.6648	+0.0394	+41	+41	53	58.41	11.51	2	431	271	-55		
472	Piazzi I. 243.....	6.4		58	46.330	14.31	2	3.2853	+0.0169	-7	+17	49	15.80	14.31	2	414	245	-22		
474	Piazzi I. 251.....	4.7	2	0	27.374	12.47	2	+2.6896	-0.0034	+9	-29	43	42.17	12.47	2	+17.340	-0.204	+2		
477	13 Arietis.....	2.2		2	5.815	10.99	68	3.3611	+0.0204	+137	+23	2	14.00	10.83	74	268	256	-146		
	Mayer 79.....	6.5		2	49.358	14.84	1	3.2890	+0.0168	-37	+17	36	3.31	14.84	1	236	252	-7		
482	4 Trianguli.....	3.1		4	11.010	11.53	5	3.5473	+0.0304	+123	+34	33	43.42	11.53	5	175	274	-46		
	Lalande 3950.....	6.4		4	26.253	14.24	3	3.2810	+0.0162	+112	+16	48	8.87	14.24	3	163	254	-179		
491	15 Arietis.....	5.9	2	5	38.123	10.97	4	+3.3133	+0.0177	+62	+19	4	34.59	09.31	15	+17.109	-0.259	-28		
495	64 Ceti.....	5.7		6	35.883	08.87	8	3.1729	+0.0115	-92	+8	8	56.19	08.87	8	065	250	-108		
498	55 Cassiopeiae.....	6.2		7	24.220	10.87	3	4.6641	+0.1236	-2	+66	6	11.38	10.62	3	4	028	366	+3	
500	6 Persei.....	5.4		7	36.730	10.96	2	3.9338	+0.0556	+365	+50	38	53.30	11.48	2	2	17.018	310	-168	
502	19 Arietis.....	6.0		8	8.628	12.08	5	3.2606	+0.0151	+67	+14	51	30.46	12.08	5	16.993	259	-22		
505	65 Ceti.....	4.5	2	8	13.686	11.83	35	+3.1776	+0.0117	-17	+8	25	30.10	10.93	36	+16.989	-0.253	-7		
506	Fornacis.....	5.2		8	56.764	12.96	1	2.6417	-0.0031	+18	-31	8	45.98	12.96	1	956	213	+2		
517	9 Trianguli.....	4.1		11	57.567	10.35	3	3.5529	+0.0293	+34	+33	25	52.72	10.35	3	814	289	-51		
518	67 Ceti.....	5.7		12	29.651	12.01	18	2.9849	+0.0050	+61	-6	50	11.01	11.61	22	788	245	-108		
521	22 Arietis.....	5.7		13	6.967	12.95	3	3.3320	+0.0180	-10	+19	29	7.02	10.88	6	759	274	-6		
530	65 Ceti.....	Var.	2	14	47.948	10.60	4	+3.0286	+0.0064	-1	-3	23	9.17	10.61	9	+16.677	-0.252	-237		
546	24 Arietis.....	5.5		19	59.456	09.43	7	3.2105	+0.0127	+8	+10	12	12.90	08.75	12	422	275	-15		
551	72 Ceti.....	4.9		21	36.065	08.80	2	2.8981	+0.0032	-17	-12	41	45.22	08.79	10	340	252	-9		
550	Bradley 332.....	4.6		21	38.028	11.90	2	4.8965	+0.1327	-6	+66	59	54.77	12.07	2	12	338	421	+14	
560	73 Ceti.....	4.3		23	22.307	10.59	23	3.1833	+0.0116	+26	+8	3	25.48	11.07	17	250	279	-4		
	B.F. 310.....	6.3	2	24	46.850	07.71	3	+3.1998	+0.0122	-3	+9	9	50.90	07.71	3	+16.177	-0.282	-3		
566	26 Arietis.....	6.1		25	35.435	13.90	2	3.3526	+0.0180	+50	+19	27	21.88	13.90	2	135	297	-33		
568	27 Arietis.....	6.4		25	54.704	11.20	10	3.3201	+0.0168	+25	+17	18	22.39	11.20	10	118	295	-97		
575	76 Ceti.....	4.8		27	49.310	11.85	2	2.8476	+0.0025	-55	-15	38	21.15	11.85	2	019	256	-117		
576	29 Arietis.....	6.1		27	58.224	13.03	5	3.2825	+0.0151	-11	+14	38	12.46	13.03	5	011	295	+33		

ϵ Sculptoris. This is the principal star of the pair h 3461.
113 Piscium. These stars form the pair Σ 202.

57 Andromedae. These stars form the pair Σ 205.
68 Ceti. The limits of magnitude are 1.7 and 9.6, period 331.46

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "001.	
			h	m	s		Above Pole.	Below Pole.				o	'	"	Above Pole.	Below Pole.				
577	Bradley 348.....	5.3	2	29	26.953	10.04	1	3	+5.6330	+ .2068	- 50	+72	25	31.53	10.94	9	8	+15.933	- .505	+ 20
589	78 Ceti.....	5.0	31	8.938	11.17	26			3.1470	.0104	- 21	+ 5	12	3.47	11.17	32		842	288	- 29
591	31 Arietis.....	5.7	31	43.263	08.95	3			3.2480	.0137	+ 194	+12	3	28.52	11.69	8		812	298	- 85
597	32 Arietis.....	5.4	33	42.145	11.49	4			3.4009	.0193	- 6	+21	34	21.88	11.49	4		704	315	- 23
599	Bradley 344.....	5.9	34	44.440	09.60	3	4		8.3875	.6673	+ 89	+81	4	5.70	10.92	16	12	648	771	- 69
604	82 Ceti.....	4.0	2	34 52.087	11.37	25			+3.0716	+ .0082	+ 7	- 0	3	33.45	10.81	26		+15.641	- .287	+ 1
613	Bradley 366.....	5.8	37	3.900	09.73	3	1		5.1088	.1368	+ 37	+67	26	34.62	09.81	3	7	520	478	- 28
615	34 Arietis.....	5.7	37	17.340	11.03	6			3.3745	.0179	+ 22	+19	37	42.91	11.79	8		508	318	- 47
616	85 Ceti.....	6.3	37	38.116	09.27	5			3.2276	.0128	- 23	+10	21	30.16	09.09	8		488	305	- 21
617	13 Persei.....	4.2	38	2.710	09.28	2	4		4.0454	.0508	+ 343	+48	50	54.59	13.08	2	(4)	465	382	- 90
620	35 Arietis.....	4.6	2	38 10.005	12.45	26			+3.5121	+ .0233	+ 3	+27	19	29.16	12.35	28		+15.459	- .333	- 13
622	86 Ceti.....	3.6	38	38.161	11.61	22			3.1151	.0093	- 98	+ 2	51	25.17	11.26	26		433	297	- 150
624	36 Arietis.....	6.5	39	17.575	11.85	2			3.3405	.0167	+ 36	+17	23	1.40	11.85	2		396	318	- 45
627	89 Ceti.....	4.4	39	50.320	10.84	1			2.8547	.0034	- 5	-14	14	22.52	08.83	4		365	274	- 14
628	38 Arietis.....	5.2	40	3.237	08.98	3			3.2562	.0137	+ 80	+12	4	2.74	8.98	3		353	312	- 82
629	87 Ceti.....	4.4	2	40 4.542	07.99	6			+3.2199	+ .0126	+ 190	+ 9	44	4.67	07.84	7		+15.351	- .308	- 27
634	39 Arietis.....	4.6	42	32.781	12.20	24			3.5525	.0245	+ 115	+28	52	25.86	12.11	26		212	344	- 125
639	15 Persei.....	3.9	44	7.435	11.30	3	1		4.3500	.0679	+ 29	+55	31	21.05	11.73	3	1	122	423	- 16
643	41 Arietis.....	3.7	44	40.979	12.36	18			3.5186	+ .0228	+ 50	+26	53	24.33	12.36	18		090	344	- 113
645	Fornacis.....	4.5	45	19.580	08.80	1			2.5041	- .0006	+ 79	-32	47	1.79	08.80	1		15.053	248	+ 160
648	43 Arietis.....	5.5	2	46 31.302	11.37	26			+3.3056	+ .0150	+ 21	+14	42	42.38	10.54	24		+14.984	- .327	- 33
653	18 Persei.....	4.1	47	52.148	08.70	2	3		4.2327	.0584	+ 5	+52	23	41.58	09.39	2	3	905	419	- 6
	Piazzii II. 203.....	6.4	48	10.843	11.07	4			3.3311	.0157	+ 12	+16	6	59.55	11.07	4		887	332	- 53
661	46 Arietis.....	5.6	51	21.180	11.92	1			3.3619	.0165	+ 189	+17	39	52.91	11.92	1		699	340	- 207
665	3 Eridani.....	4.1	52	1.763	09.86	3			2.9239	.0051	+ 54	- 9	15	21.12	09.86	6		659	297	- 215
667	47 Arietis.....	5.9	2	52 56.040	13.01	4			+3.4113	+ .0180	+ 156	+20	18	28.85	13.01	4		+14.605	- .347	- 31
674	48 Arietis.....	4.7	54	3.764	11.11	22			3.4254	.0186	- 11	+20	58	51.72	10.95	24		537	350	- 8
669	Cephei 47.....	5.7	54	4.685	12.16	1	1		7.8354	.4659	- 130	+79	3	50.90	10.35	1	4	536	793	+ 11
679	91 Ceti.....	4.7	54	53.300	10.02	1			3.2114	.0119	+ 6	+ 8	32	57.00	10.02	1		487	330	- 6
691	92 Ceti.....	2.8	57	34.400	10.99	42			3.1336	.0099	- 9	+ 3	44	13.91	10.59	46		324	326	- 77
694	23 Persei.....	3.1	2	58 16.170	08.19	1	5		+4.3240	+ .0592	+ 4	+53	9	16.94	08.45	1	5	+14.282	- .448	- 9
696	11 Eridani.....	4.2	58	25.320	12.97	1			2.6551	.0017	- 104	-38	58	34.63	12.97	1		272	278	- 47
698	25 Persei.....	Var.	59	24.340	11.21	1			3.8220	.0331	+ 115	+28	29	32.35	11.21	1		211	399	- 108
	W.B. (2) II. 1358.....	6.6	59	40.023	10.57	4			3.3343	.0152	- 21	+15	30	26.89	10.57	4		195	349	- 141
704	W.B. II. 1033.....	5.8	3	1 27.063	10.42	4			3.2893	.0138	+ 1	+12	50	26.50	10.42	4		085	347	- 70
708	26 Persei.....	3.1	3	2 18.535	08.00	3	1		+3.8909	+ .0355	+ 6	+40	36	34.49	08.20	3	(2)	+14.031	- .411	- 5
709	53 Arietis.....	6.1	2	21.557	12.26	3			3.3741	.0162	- 24	+17	31	59.21	12.26	3		028	357	+ 3
710	Persei.....	4.2	2	33.858	08.75	3	3		4.1822	.0497	+1293	+49	16	12.91	09.39	3	3	14.015	441	- 81
712	54 Arietis.....	6.5	3	14.888	12.00	4			3.3922	.0166	+ 27	+18	26	59.89	12.00	4		13.973	361	- 18
	Piazzii III. 4.....	6.4	6	25.250	07.92	2			3.2915	.0136	0	+12	42	26.93	07.92	2		772	355	+ 21
718	57 Arietis.....	4.5	3	6 28.809	11.11	25			+3.4143	+ .0171	+ 107	+19	23	12.59	11.18	25		+13.768	- .368	- 6
722	94 Ceti.....	5.1	8	10.780	14.87	1			3.0463	.0079	+ 135	- 1	31	55.29	13.49	4		660	331	- 55
721	Bradley 431.....	5.5	8	51.717	10.66	2	1		7.4624	.3566	+ 203	+77	24	18.81	11.07	7	6	616	804	- 49
730	58 Arietis.....	5.0	9	43.547	13.17	3			3.4446	.0177	- 17	+20	42	40.86	13.17	3		561	376	- 75
739	13 Eridani.....	4.9	11	27.580	06.84	1			2.9128	.0054	- 3	- 9	9	12.27	11.08	4		448	321	+ 45
741	Bradley 448.....	4.8	3	12 3.407	09.14	2	1		+5.2345	+ .1121	+ 18	+65	19	26.60	10.66	2	11	+13.410	- .573	- 5
752	97 Ceti.....	5.0	14	38.353	08.87	3			3.1258	.0093	+ 177	+ 3	2	26.00	09.78	6		241	348	+ 94
761	61 Arietis.....	5.2	16	1.700	11.18	38			3.4561	.0175	+ 21	+20	49	23.45	11.29	41		149	386	- 30
772	33 Persei.....	1.9	17	53.428	08.01	3	6		4.2636	.0481	+ 28	+49	32	30.22	08.13	2	6	13.027	478	- 28
775	64 Arietis.....	5.7	18	59.392	12.61	9			3.5353	.0195	+ 10	+24	24	21.39	12.23	10		12.953	399	- 57

78 Ceti. This is the principal star of the pair Σ 281, components 5.0 and 9.0.
 86 Ceti. This is the principal star of the pair Σ 299, components 3.0 and 6.8.
 15 Persei. This is the principal star of the pair Σ 307, components 4.0 and 8.5.

Cephei 47. This is the principal star of the pair Σ 320, components 6.3 and 9.5.
 25 Persei. The limits of magnitude are 3.4 and 4.2, period irregular.
 26 Persei. The limits of magnitude are 2.1 and 3.2, period 2^d.8+.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "/>001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "/>001.
			h	m	s		Above Pole.	Below Pole.				o	'	"		Above Pole.	Below Pole.			
778	1 Tauri.....o	3.8	3	19	58.080	12.20	34	+3.2294	+0.0115	-45	+8	42	45.88	11.60	29		+12.888	-0.366	-78	
781	Piazzi III. 51.....	4.4		21	46.278	11.22	2	4.8306	0.0771	+5	+59	37	39.13	10.98	2	2	766	548	-1	
782	Piazzi III. 60.....	6.5		21	54.880	10.92	3	3.4162	0.0158	+38	+18	26	32.59	10.92	3		757	389	-5	
784	2 Tauri.....ξ	3.8		22	17.350	09.48	4	3.2437	0.0117	+40	+9	25	10.29	09.39	5		732	371	-41	
795	35 Persei.....σ	4.6		24	13.385	09.77	4	4.2142	0.0436	+6	+47	41	6.43	09.77	4	(1)	600	483	+22	
801	4 Tauri.....s	5.1		3	25.29.230	10.44	4	+3.2760	+0.0122	-6	+11	1	41.57	09.73	6		+12.514	-0.378	-19	
804	5 Tauri.....f	4.3		25	54.123	12.63	35	3.3068	0.0129	+12	+12	37	43.87	11.18	39		486	382	-4	
814	18 Eridani.....ε	3.8		28	41.361	12.37	38	2.8909	0.0055	-657	-9	45	44.58	12.23	36		294	338	+13	
	Mayer 120.....	6.4		29	0.585	10.99	2	3.4064	0.0151	+60	+17	32	16.92	10.99	2		272	398	-323	
815	7 Tauri.....	5.9		29	6.625	12.48	10	3.5468	0.0187	+13	+24	9	47.43	12.17	11		265	414	-27	
816	19 Eridani.....τ ⁵	4.3		3	29.48.760	10.02	1	+2.6458	+0.0030	+34	-21	56	3.82	10.02	1		+12.216	-0.311	-20	
825	10 Tauri.....	4.4		32	16.700	08.59	3	3.0747	0.0081	-156	+0	6	59.92	10.98	11		12.044	363	-482	
	Lalande 6686.....	6.4		33	46.550	12.98	2	3.4765	0.0164		+20	37	21.06	12.98	2		11.940	412		
826	Piazzi III. 94.....	5.3		34	20.012	08.99	3	5.1764	0.0894	-9	+62	55	32.75	10.56	3	13	900	612	+21	
829	Piazzi III. 103.....	6.3		34	20.205	07.92	4	3.3858	0.0142	+30	+16	14	40.23	07.92	4		900	402	-39	
836	11 Tauri.....	6.2		3	35.23.587	12.08	19	+3.5766	+0.0188	+11	+25	2	20.53	12.49	31		+11.825	-0.426	-15	
838	39 Persei.....δ	3.1		36	30.664	07.93	4	4.2543	0.0413	+32	+47	30	1.45	09.22	4	(6)	746	507	-33	
830	Groombridge 642....	5.8		37	16.967	09.01	2	20.1616	3.3242	+1650	+86	21	54.39	10.50	8	9	692	2.393	-66	
840	Piazzi III. 102.....	5.8		37	28.920	09.19	1	5.6216	0.1154	+164	+66	55	12.53	11.56	1	5	678	0.671	-102	
843	14 Tauri.....	6.3		38	34.690	09.67	1	3.4559	0.0154	+85	+19	22	52.11	09.67	1		600	416	-65	
844	38 Persei.....o	3.9		3	38.40.275	10.99	15	+3.7539	+0.0233	+8	+32	0	13.76	10.99	15		+11.593	-0.451	-24	
848	23 Eridani.....δ	3.7		38	56.128	09.41	8	2.8788	0.0054	-63	-10	4	2.93	11.31	11		574	348	+743	
847	41 Persei.....ν	3.9		39	4.635	07.23	1	4.0656	0.0333	-8	+42	17	41.13	07.07	1	(2)	564	489	+1	
	Piazzi III. 128.....	6.0		39	13.863	11.95	3	3.4840	0.0160	+8	+20	38	42.43	11.95	3		553	420	-6	
851	16 Tauri.....	5.4		39	27.103	13.17	5	3.5592	0.0178	+14	+24	0	25.35	13.17	5		537	429	-55	
852	17 Tauri.....	3.8		3	39 (31.7)			+3.5553	+0.0178	+14	+23	49	51.55	07.94	4		+11.531	-0.429	-50	
855	18 Tauri.....	5.6		39	47.412	13.81	5	3.5724	0.0182	+12	+24	33	26.86	13.81	5		513	431	-55	
856	19 Tauri.....	4.4		39	50.876	14.88	4	3.5639	0.0180	+8	+24	11	7.77	14.88	4		509	430	-48	
860	20 Tauri.....	4.0		40	28.065	11.67	4	3.5626	0.0178	+21	+24	5	13.95	11.67	4		464	430	-45	
858	Camelopardi.....γ	4.7		40	50.256	08.35	1	6.2702	0.1596	+60	+71	3	21.46	11.01	1	14	437	756	-36	
869	25 Tauri.....η	3.0		3	42.7.914	09.80	18	+3.5591	+0.0176	+14	+23	49	39.23	10.69	22		+11.345	-0.433	-48	
880	28 Eridani.....τ ⁷	5.0		43	47.440	11.02	1	2.5760	0.0030	+32	-24	9	10.35	11.02	1		225	316	+54	
877	27 Tauri.....	3.8		43	48.520	09.08	2	3.5604	0.0174	+14	+23	46	43.74	09.08	2		223	435	-50	
879	28 Tauri.....	5.2		43	49.740	13.87	1	3.5624	0.0175	+14	+23	51	43.90	13.87	1		222	435	-49	
	Piazzi III. 166.....	5.9		44	37.420	11.92	4	3.5203	0.0164	+26	+21	58	15.80	11.92	4		164	431	-43	
883	Piazzi III. 170.....	5.4		3	44.54.142	12.13	6	+3.5978	+0.0182	+29	+25	18	30.44	12.13	6		+11.144	-0.441	-108	
892	Mayer 136.....	6.0		48	1.062	08.35	9	3.4165	0.0137	+100	+17	3	34.91	08.45	11		10.917	422	-33	
894	44 Persei.....ξ	2.9		48	28.251	11.68	23	3.7633	0.0220	+10	+31	37	1.18	11.70	24		884	465	-17	
897	Piazzi III. 178.....	5.2		49	27.247	11.91	2	5.0899	0.0737	+4	+60	50	45.79	11.71	2	5	811	629	-16	
909	33 Tauri.....	6.0		51	43.486	12.63	5	3.5512	0.0163	+21	+22	54	53.10	12.63	5		643	443	-13	
910	45 Persei.....ε	3.0		3	51.48.572	10.14	6	+4.0146	+0.0286	+23	+39	45	2.18	09.98	7		+10.636	-0.501	-29	
913	46 Persei.....ξ	4.1		53	7.280	09.58	4	3.8843	0.0244	+11	+35	31	58.26	09.58	4		540	486	-12	
915	34 Eridani.....γ ¹	3.2		53	49.778	10.76	30	2.7935	0.0047	+46	-13	45	50.20	10.78	32		486	352	-112	
	Piazzi III. 214.....	6.3		55	28.240	09.82	1	3.4232	0.0133	-3	+17	2	35.81	09.82	1		364	432	-61	
919	Piazzi III. 215.....	5.8		55	37.557	08.65	4	3.4431	0.0136	+95	+17	56	26.53	08.65	4		353	434	-37	
920	35 Tauri.....λ	Var.		3	55.41.543	09.77	4	+3.3207	+0.0113	-4	+12	14	11.87	09.59	5		+10.347	-0.419	-14	
923	36 Eridani.....τ ⁹	4.7		56	5.277	11.99	2	2.5559	0.0032	+6	-24	16	14.95	11.99	2		318	324	+4	
932	38 Tauri.....ν	3.9		58	21.977	07.70	3	3.1883	0.0091	+1	+5	44	24.89	10.11	10		146	405	-7	
936	37 Tauri.....A ¹	4.5		59	22.310	10.89	41	3.5355	0.0151	+67	+21	50	12.03	11.03	36		071	450	-64	
	W.B. (2) III. 1207-9	6.8		59	30.280	08.86	1	3.4319	0.0131	-11	+17	16	14.30	08.86	1		060	437	-74	

Piazzi III. 51 This is the principal star of the pair Σ 385, components 4.7 and 9.0.
 7 Tauri. This star is the close double Σ 412, components 6.6 and 6.7.
 38 Persei. This is the principal star of the pair Σ 431, components 4.2 and 8.5.
 Piazzi III. 170. This star is the close double OΣ 65, components 6.5 and 6.8.

44 Persei. This is the principal star of the pair Σ 464, components 2.7 and 9.3.
 Piazzi III. 178. This is the principal star of the pair OΣ 67, components 5.0 and 8.2.
 45 Persei. This is the principal star of the pair Σ 471, components 3.1 and 8.3.
 35 Tauri. The limits of magnitude are 3.3 and 4.2, period 3^d.7+.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion *0.001.	Mean Dec. 1910.0.			No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion *0.001.						
			h	m	s	Above Pole.	Below Pole.				°	'	"	Above Pole.	Below Pole.									
938	47 Persei λ	4.3	3	59	52.415	07.52	2	2	+	4.4568	+0.0409	-	3	+50	6	27.39	07.88	2	2	+10.032	-	.567	-	37
939	39 Tauri A ²	6.0	4	0	0.435	11.85	2			3.5347	.0151	+	125	+21	45	59.61	11.85	2		10.022	-	451	-	138
943	41 Tauri	5.3		1	4.979	12.49	7			3.6730	.0179	+	12	+27	21	29.17	12.49	7		9.941	-	469	-	57
944	42 Tauri ψ	5.3		1	26.452	12.29	30			3.7100	.0187	-	62	+28	45	31.03	12.09	32		9.14	-	474	+	3
948	Piazzi III. 251	5.6		1	54.770	08.02	1			2.4568	.0030	+	147	-27	53	53.98	08.02	1		8.78	-	316	+	103
947	48 Persei c	4.0	4	2	7.363	08.75	3	3	+	4.3410	+0.0361	+	32	+47	28	22.86	10.09	3	(3)	+9.862	-	.555	-	30
	B.D. +14° 657	5.9		2	36.224	09.12	5			3.3829	.0120	+	104	+14	55	21.45	09.12	5		8.25	-	434	-	44
951	Piazzi III. 249	6.1		2	50.113	07.91	3			3.4311	.0127	+	12	+17	5	59.62	07.91	3		8.08	-	441	-	17
952	43 Tauri ω ¹	5.7		3	55.221	11.55	28			3.4834	.0137	+	75	+19	22	18.89	10.80	31		7.25	-	448	-	43
955	44 Tauri p	5.6		5	20.825	12.72	43			3.6506	.0168	-	20	+26	14	48.42	12.71	42		6.15	-	471	-	37
963	38 Eridani o ¹	4.1	4	7	28.271	10.92	29		+	2.9263	+0.0058	+	6	-7	4	17.96	11.03	26		+9.452	-	.380	+	81
	Piazzi IV. 6	6.2		7	30.930	11.77	1			3.5531	.0146	-	16	+22	10	57.57	11.85	2		4.49	-	461	-	19
958	Groombridge 750	6.7		7	59.880	07.14	2	2		17.4812	1.7778	+	150	+85	19	3.96	11.52	9	22	4.11	-	2.255	+	33
967	51 Persei μ	4.3		8	17.059	08.25	4	3		4.3922	.0357	+	13	+48	10	53.37	09.57	4	(3)	3.89	-	0.570	-	27
978	39 Eridani A	5.1		10	6.680	10.96	3			2.8532	.0051	-	8	-10	28	45.37	12.55	5		2.48	-	373	-	157
981	49 Tauri μ	4.3	4	10	38.715	08.00	2		+	3.2535	+0.0094	+	19	+8	40	3.28	10.64	6		+9.206	-	.425	-	20
980	48 Tauri	6.4		10	39.610	07.80	2			3.3945	.0116	+	84	+15	10	34.17	07.80	2		2.04	-	444	-	25
984	40 Eridani o ²	4.5		11	7.757	11.97	3			2.9099	.0055	-	1486	-7	47	32.55	11.01	7		9.168	-	381	-	3433
999	54 Persei	5.1		14	33.680	08.91	1			3.8909	.0205	-	25	+34	21	0.74	08.91	1		8.900	-	512	-	15
1000	54 Tauri γ	3.9		14	40.182	10.66	25			3.4027	.0113	+	81	+15	24	39.64	10.23	32		8.92	-	448	-	27
1002	52 Tauri φ	5.1	4	14	48.964	13.58	6		+	3.6865	+0.0162	-	14	+27	8	10.56	13.58	6		+8.881	-	.486	-	84
1012	Lalande 8205	5.3		16	43.500	12.95	1			2.6142	.0037	+	31	-20	51	14.19	12.95	1		7.31	-	347	-	5
1015	59 Tauri χ	5.7		17	6.164	13.60	6			3.6446	.0151	+	19	+25	25	3.65	13.60	6		7.01	-	482	-	32
	59 Tauri (Comes) χ	7.8		17	6.836	12.96	5			3.6447	.0151	+	19	+25	25	21.83	12.96	5		7.00	-	482	-	32
1017	61 Tauri δ ¹	3.9		17	44.528	10.54	5			3.4487	.0118	+	77	+17	19	55.75	11.28	6		6.50	-	457	-	33
1019	62 Tauri	6.2	4	18	34.052	11.11	5		+	3.6125	+0.0144	+	13	+24	5	31.65	10.76	7		+8.585	-	.480	-	23
1022	64 Tauri δ ²	4.8		18	54.383	10.64	3			3.4474	.0117	+	82	+17	14	9.93	12.16	6		5.59	-	458	-	41
1029	68 Tauri	4.2		20	16.813	09.28	4			3.4598	.0117	+	75	+17	43	22.02	11.77	5		4.49	-	461	-	25
1032	43 Eridani v ⁵	4.1		20	39.332	12.96	1			2.2475	.0032	+	45	-34	13	30.36	12.96	1		4.20	-	301	+	55
1040	Piazzi IV. 82	5.7		22	40.102	11.57	6			3.5501	.0128	+	78	+21	25	11.50	11.41	8		2.60	-	475	-	45
1042	75 Tauri	5.3	4	23	17.590	10.40	2		+	3.4258	+0.0109	+	6	+16	9	32.61	11.58	3		+8.210	-	.459	+	19
1044	74 Tauri ε	3.6		23	21.549	10.96	36			3.4919	.0118	+	80	+18	58	53.30	11.32	41		2.04	-	468	-	38
	W.B. (2) IV. 436-7	6.6		23	46.212	09.98	5			3.6998	.0153	-	9	+27	12	22.53	09.98	5		1.72	-	496	-	35
	W.B. (2) IV. 458	6.6		24	43.574	11.79	5			3.7207	.0155	+	119	+27	56	2.86	11.79	5		0.96	-	500	+	31
	1 Camelopardi (Comes)	6.2		24	52.910	08.00	1			4.7384	.0402	+	7	+53	43	2.91	08.00	1		0.83	-	636	-	5
1050	1 Camelopardi	5.1	4	24	53.777	07.46	2	I	+	4.7384	+0.0402	+	7	+53	42	57.58	07.46	2	I	+8.081	-	.636	-	5
1051	80 Tauri	5.7		25	0.537	07.48	2			3.4104	.0106	+	73	+15	26	32.01	10.24	4		0.73	-	459	-	12
1055	81 Tauri	5.5		25	30.790	11.45	2			3.4120	.0105	+	73	+15	29	48.44	12.27	4		8.032	-	459	-	30
1061	57 Persei m	6.1		27	4.683	09.54	4			4.2126	.0251	+	6	+42	52	21.06	09.54	4		7.906	-	568	+	1
1067	86 Tauri p	4.8		28	44.358	10.29	6			3.3946	.0100	+	69	+14	39	21.19	10.29	6		7.74	-	460	-	26
1068	Piazzi IV. 111	5.7	4	28	59.950	11.22	7		+	3.7493	+0.0154	+	4	+28	46	25.42	11.22	7		+7.752	-	.507	-	22
1077	87 Tauri a	1.1		30	45.296	10.95	86			3.4347	.0104	+	48	+16	19	44.62	10.93	85		6.11	-	467	-	191
	W.B. (2) IV. 596-7-8	6.0		31	3.765	10.50	2			3.6016	.0127	+	80	+23	9	28.89	10.50	2		5.85	-	489	-	25
1079	48 Eridani v	4.1		31	49.323	11.77	4			2.9961	.0057	0	-	3	32	8.84	13.47	10		5.24	-	408	-	2
1085	W.B. (2) IV. 650	5.7		32	57.168	08.93	1			3.5367	.0115	-	3	+20	30	16.00	08.93	1		4.32	-	482	+	2
1091	53 Eridani	4.0	4	34	3.490	11.54	2		+	2.7514	+0.0042	-	54	-14	28	46.34	11.54	2		+7.342	-	.376	-	161
1090	92 Tauri σ ²	4.9		34	7.420	06.99	1			3.4230	.0099	+	57	+15	44	26.22	06.99	1		3.37	-	468	-	20
1099	Piazzi IV. 148	5.7		35	41.635	10.40	6			3.7479	.0143	+	33	+28	26	29.21	10.40	6		2.08	-	513	-	42
1104	Piazzi IV. 167	5.6		36	22.230	11.02	1			2.4994	.0034	-	49	-24	39	27.95	11.02	1		1.54	-	343	+	19
1100	Piazzi IV. 112	6.0		36	42.655	10.26	1	I	+	8.0013	.1804	+	117	+75	46	44.10	12.05	13	20	1.27	-	1.093	-	131

39 Eridani. This is the principal star of the pair Σ 516, components 6.0 and 9.0.
 59 Tauri. These stars form the pair Σ 528.
 62 Tauri. This is the principal star of the pair Σ 534, components 6.0 and 8.0.

1 Camelopardi. These stars form the pair Σ 550.
 80 Tauri. This star is the close double Σ 554, components 6.5 and 9.0.

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			h	m	s	Above Pole.	Below Pole.				o	'	"	Above Pole.	Below Pole.			
1107	94 Tauri..... τ	4.3	4	36	50.457	10.93	33	+ 3.5973	+0.0119	+ 4	+22	47	5.99	10.79	41	+ 7.115	-.493	- 22
1109	95 Tauri.....	6.2		37	46.750	11.99	2	3.6275	.0122	+ 10	+23	55	9.39	11.99	2	7.038	498	- 28
1117	4 Camelopardi.....	5.4	40	30.093	09.44	3	3	4.9784	.0397	+ 65	+56	35	53.87	09.10	3	6.815	685	- 148
1123	57 Eridani..... μ	4.2	41	0.068	11.23	29		2.9974	.0054	+ 13	- 3	25	8.23	11.48	38	774	414	- 10
1120	Mayer 177.....	6.1	41	1.423	07.42	4		3.4951	.0101	+ 46	+18	34	21.21	07.24	3	772	482	- 63
1140	1 Orionis..... π^1	3.3	4	44	57.240	11.03	4	+ 3.2235	+ .0070	+ 316	+ 6	48	17.62	11.15	10	+ 6.448	-.448	+ 20
1139	9 Camelopardi..... a	4.4	45	5.701	11.48	2	5	5.9409	.0669	+ 12	+66	11	27.69	11.43	2	435	823	+ 5
1143	97 Tauri..... i	5.1	46	6.493	08.73	4		3.5012	.0097	+ 59	+18	41	14.43	08.60	5	351	487	- 36
1147	3 Orionis..... π^3	3.8	46	24.687	08.70	3		3.1935	.0066	- 3	+ 5	27	7.06	11.24	5	326	444	- 6
	Piazzì IV. 211.....	5.9	47	9.704	11.15	8		3.7403	.0124	+ 33	+27	44	51.64	11.03	9	264	521	- 37
1149	4 Orionis.....	5.2	4	47	26.442	11.26	4	+ 3.3915	+ .0084	0	+14	6	4.67	10.15	6	+ 6.242	-.473	- 59
1159	8 Orionis..... π^5	3.9	49	33.710	10.78	4		3.1235	.0059	- 2	+ 2	17	38.41	12.50	8	064	437	- 3
1163	7 Orionis..... π^4	4.7	49	56.424	07.62	2		3.2974	.0073	+ 37	+10	0	30.64	07.62	2	6.033	461	- 134
1166	B.F. 625.....	6.3	50	46.549	12.77	8		3.6526	.0109	- 4	+24	26	57.44	13.35	11	5.963	511	- 31
1167	3 Aurigæ..... ι	2.9	51	7.816	11.51	37		3.9023	.0140	+ 7	+33	1	27.70	11.23	28	933	546	- 27
1174	Bradley 686.....	5.7	4	52	10.350	08.28	3	+ 3.4636	+ .0087	- 5	+17	0	47.09	08.28	3	+ 5.847	-.486	- 19
1177	98 Tauri..... k	5.7	52	38.836	12.06	37		3.6665	.0109	+ 22	+24	54	44.11	11.84	39	806	514	- 60
	Piazzì IV. 207.....	6.0	53	18.273	10.73	2	5	7.5182	.1193	+ 28	+73	56	8.11	10.13	2	752	1.053	- 24
1185	10 Camelopardi..... β	4.2	55	24.380	08.60	2		5.3241	.0403	+ 3	+60	18	41.44	08.60	2	576	0.748	- 13
1187	7 Aurigæ..... ϵ	Var.	55	30.489	08.32	4	6	4.2990	.0190	+ 5	+43	41	27.58	09.61	4	(7) 566	605	- 13
1190	8 Aurigæ..... ξ	3.9	4	56	11.100	11.12	2	+ 4.1873	+ .0171	+ 10	+40	56	43.13	11.12	2	+ 5.510	-.589	- 30
1194	102 Tauri..... ι	4.7	57	42.858	09.37	6		3.5786	.0091	+ 48	+21	27	43.64	09.37	6	381	505	- 47
	Lalande 9484.....	6.5	59	0.231	11.84	8		3.7457	.0108	- 1	+27	34	16.33	11.84	8	273	529	- 75
1203	11 Orionis.....	4.7	59	25.510	10.12	2		3.4249	0.0077	+ 13	+15	16	45.94	10.12	2	237	484	- 36
1191	Lalande F. 693.....	6.5	59	46.020	10.06	1		20.8357	1.3392	+ 293	+85	50	38.87	11.21	11	8 208	2.936	- 67
1204	10 Aurigæ..... η	3.3	5	0	12.046	09.00	3	+ 4.1994	+0.0162	+ 27	+41	6	48.76	09.54	3	(1) + 5.171	0.594	- 75
	Mayer 198.....	6.5	0	13.675	08.50	2		3.5344	.0085	- 36	+19	41	0.62	08.50	2	169	500	- 18
	Piazzì IV. 287.....	6.6	0	19.032	09.40	5		3.7109	.0102	+ 16	+26	18	25.81	09.40	5	162	525	- 21
1211	2 Leporis..... ϵ	3.3	1	39.025	11.67	27		2.5371	.0032	+ 19	-22	29	28.82	11.99	24	5.049	360	- 67
1216	103 Tauri.....	5.5	2	37.475	11.03	6		3.6530	.0094	+ 2	+24	8	49.18	11.03	6	4.966	518	- 11
1220	67 Eridani..... β	2.9	5	3	25.390	10.96	1	+ 2.9545	+ .0044	- 59	- 5	12	8.46	10.93	3	+ 4.898	-.420	- 79
1221	107 Tauri.....	6.6	3	31.700	11.01	2		3.5377	.0081	+ 3	+19	44	36.86	11.01	2	890	502	- 18
	W.B. (2) IV. 1421.....	6.2	4	5.924	12.11	11		3.7596	.0101		+27	55	0.78	12.11	11	841	534	
	W.B. (2) IV. 1421 (Comes).....	8.2	4	6.378	11.31	4		3.7597	.0101		+27	55	11.81	11.31	4	841	534	
1231	69 Eridani..... λ	4.3	4	50.345	10.10	2		2.8700	.0040	+ 2	- 8	52	7.97	10.43	5	778	408	- 8
1236	11 Aurigæ..... μ	4.8	5	7	16.060	11.76	3	+ 4.1030	+ .0134	- 15	+38	22	43.15	11.76	3	+ 4.572	-.584	- 74
1235	Piazzì IV. 269.....	5.2	7	42.338	09.12	1	3	9.8514	.1923	- 279	+79	7	46.92	10.34	5	535	1.401	+ 155
1241	5 Leporis..... μ	3.3	8	53.300	11.15	1		2.6911	.0034	+ 28	-16	18	40.50	11.15	1	434	0.385	- 28
1246	13 Aurigæ..... a	0.2	10	2.243	09.70	6	8	4.4192	.0165	+ 82	+45	54	27.27	11.32	6	(8) 336	631	- 429
1250	19 Orionis..... β	0.3	10	12.742	10.83	63		2.8820	.0038	+ 1	- 8	18	18.07	10.78	61	320	412	- 1
	W.B. (2) V. 207.....	6.9	5	11	33.950	10.68	5	+ 3.7910	+ .0092	- 19	+28	48	22.07	10.48	7	+ 4.205	-.542	- 40
1259	15 Aurigæ..... λ	4.9	12	48.463	08.01	3		4.1710	.0129	+ 460	+40	1	12.07	08.01	3	098	597	- 657
1262	20 Orionis..... τ	3.7	13	14.170	08.03	2		2.9132	.0038	- 11	- 6	56	27.47	09.89	2	062	418	- 7
1267	Mayer 208.....	6.2	13	55.055	10.58	2		3.5502	.0071	- 27	+20	2	27.60	11.71	4	003	509	- 29
1273	Mayer 209.....	6.3	15	20.156	11.99	5		3.7657	.0085	- 19	+27	52	0.42	11.32	6	3.882	540	- 30
1277	6 Leporis..... λ	4.3	5	15	25.750	08.11	1	+ 2.7633	+ .0034	0	-13	16	9.17	08.64	3	+ 3.874	-.397	+ 3
1275	Piazzì V. 42.....	5.7	15	29.102	11.28	5		3.8138	.0088	+ 2	+29	28	45.80	11.28	5	869	547	+ 1
	Mayer 211.....	6.4	15	37.555	09.43	2		3.5427	.0068	+ 5	+19	43	25.57	09.43	2	856	509	- 24
1283	Bradley 750.....	5.7	16	56.237	10.05	3		3.0609	.0042	- 7	- 0	30	18.27	10.05	3	745	440	+ 3
1284	22 Orionis..... θ	4.7	17	10.033	10.60	4		3.0617	.0041	- 3	- 0	28	14.15	10.74	6	725	440	- 3

7 Aurigæ. The limits of magnitude are 3.4 and 4.1.
W.B. (2) IV. 1421. These stars form the pair Σ 645.

Piazzì IV. 269. This is the principal star of the pair Σ 634, components 4.5 and 7.9.
19 Orionis. This is the principal star of the pair Σ 668, components 1.0 and 8.0.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "001.				
			h	m	s	Above Pole.	Below Pole.				°	'	"	Above Pole.	Below Pole.							
1288	22 Aurigæ	6.4	5	17	40.837	10.02	6	+	3.7962	+ .0083	+	19	+28	51	6.19	10.44	5	+	3.681	- .546	-	30
1303	24 Orionis	γ 1.7	20	18.180	07.03	1			3.2171	.0047	-	5	+ 6	16	8.01	07.03	1		455	464	-	19
1304	112 Tauri	β 1.8	20	36.079	10.99	84			3.7884	.0078	+	24	+28	31	55.99	11.21	97		429	546	-	177
1309	17 Camelopardi	5.8	21	39.880	10.16	1	3		5.6579	.0291	+	8	+62	59	34.89	10.67	1	14	337	815	-	1
1313	115 Tauri.....	5.3	21	55.056	06.02	1			3.4978	.0058	+	6	+17	53	6.91	06.02	1		316	504	-	14
1315	114 Tauri.....	o 4.8	5	22 13.597	11.28	3			3.6014	+ .0064	+	8	+21	51	38.84	11.28	3		3.289	- .519	-	13
	118 Tauri (Comes)...	6.6	23	43.954	09.94	7			3.6901	.0067	+	15	+25	4	37.27	09.94	7		159	533	-	34
1320	118 Tauri.....	5.8	23	44.125	10.34	8			3.6901	.0067	+	15	+25	4	41.95	10.34	8		159	533	-	34
1323	9 Leporis	β 3.0	24	23.340	11.15	1			2.5702	.0029	+	4	-20	49	50.11	11.15	1		102	371	-	94
1324	18 Camelopardi	6.5	24	51.250	10.07	1			5.1186	.0194	+	170	+57	9	30.40	10.07	1		3.062	739	-	214
1333	25 Aurigæ	χ 4.9	5	26 52.160	07.05	1			3.9029	+ .0075	+	5	+32	7	34.70	07.05	1		2.888	- .564	-	16
1335	119 Tauri.....	4.7	26	56.090	06.17	1			3.5157	.0054	+	7	+18	31	40.30	06.17	1		882	509	-	9
1339	34 Orionis	δ 2.5	27	24.488	10.94	34			3.0641	.0037	+	1	- 0	21	54.41	11.44	25		841	443	-	3
1334	Groombridge 966 ...	6.4	27	40.753	09.21	3			8.0057	.0675	-	9	+74	59	9.01	11.22	2	15	817	1.157	+	19
1342	19 Camelopardi.....	6.0	28	32.250	10.07	1			5.7986	.0258	+	20	+64	5	50.96	11.45	1	4	743	0.839	-	68
1347	11 Leporis	a 2.7	5	28 45.618	11.25	19			2.6452	+ .0029	+	1	-17	53	10.02	10.88	18		2.724	- .383	+	3
1354	121 Tauri.....	5.3	29	57.260	10.06	2			3.6618	.0057	+	5	+23	58	49.89	10.06	2		621	530	-	31
1367	22 Camelopardi.....	6.9	31	29.174	12.35	1	2		5.0616	.0154	+	46	+56	18	34.12	12.29	1	2	488	733	-	134
1370	46 Orionis	ε 1.8	31	38.767	10.76	30			3.0434	.0034	0	- 1	15	31.55	11.09	41		473	441	-	2	
1375	123 Tauri.....	ζ 3.0	32	15.885	08.01	6			3.5841	.0051	+	2	+21	5	17.81	08.01	6		420	520	-	28
1360	Groombridge 944 ...	6.4	5	33 (1.5)					18.7262	+ .4594	+	160	+85	9	15.17	12.19	6	22	2.353	-2.713	+	4
	B.F. 747	6.0	33	34.928	12.34	6			3.8133	.0059	+	12	+29	9	50.74	12.34	6		306	0.553	-	10
1388	125 Tauri.....	5.0	34	9.512	12.77	5			3.7158	.0054	+	23	+25	50	49.93	12.77	5		255	539	-	31
1394	23 Camelopardi.....	6.4	35	51.770	11.04	2	2		5.5134	.0171	+	3	+61	25	58.23	12.06	2	6	107	800	-	0
1398	50 Orionis	ζ 2.1	36	13.043	10.33	3			3.0263	.0031	+	5	- 1	59	24.13	10.08	1		2.077	- .440	-	7
1401	50 Orionis (Comes).ζ	4.2	5	36 13.110	10.08	1			2.1717	.0027	+	3	-34	7	16.47	09.13	9		2.062	316	-	35
	Columbæ	a 2.8	36	23.379	09.13	9			3.6416	.0046	+	11	+23	9	44.38	08.93	1		1.933	529	-	42
	Piazz V. 192	6.1	37	51.570	08.93	1			4.6466	.0089	-	3	+49	47	16.07	07.39	2	2	840	675	-	8
1411	27 Aurigæ	o 5.5	38	55.616	07.22	2	1		2.5215	.0025	-	201	-22	28	40.79	07.14	1		685	367	-	376
1420	13 Leporis	γ 3.8	40	42.634	07.14	1			3.4976	+ .0037	+	2	+17	41	45.94	09.02	4		1.557	- .509	-	10
1424	130 Tauri.....	5.5	5	42 11.335	08.10	2			2.7190	.0025	-	12	-14	51	17.56	08.20	1		496	396	+	2
1432	14 Leporis	ζ 3.7	42	52.670	08.20	1			2.8446	.0026	+	2	- 9	42	3.48	09.49	32		444	414	-	5
1435	53 Orionis	κ 2.2	43	29.246	09.41	24			3.6810	.0039	+	3	+24	32	16.36	09.51	5		443	536	-	36
1434	132 Tauri.....	5.0	43	29.550	09.51	5			4.1572	.0049	-	4	+39	7	23.08	10.94	1		289	605	+	6
1442	32 Aurigæ	v 4.2	45	15.060	10.94	1			3.7799	+ .0039	-	7	+27	56	30.21	13.56	5		1.285	- .550	-	0
1444	Piazz V. 236	5.7	5	45 17.808	13.34	5			3.5541	.0032	-	8	+19	50	43.41	07.34	3		132	518	-	31
	Lalande 11088	6.0	47	3.450	07.34	3			5.0276	.0073	-	9	+55	41	13.79	08.65	1	1	110	732	+	12
1453	30 Aurigæ	ξ 4.9	47	18.067	08.81	1	1		2.5633	.0024	+	172	-20	53	9.29	08.20	1		097	374	-	653
1456	15 Leporis	δ 3.9	47	26.982	08.20	1			3.7699	.0035	+	9	+27	35	30.62	12.16	6		078	549	-	18
1457	136 Tauri.....	4.5	47	40.203	12.16	6			3.2457	+ .0025	+	19	+ 7	23	27.48	10.62	83		0.848	- .473	+	8
1468	58 Orionis	a 0.9	5	50 17.947	11.34	74			3.8105	.0030	+	26	+28	55	43.17	11.62	5		800	555	-	0
	Piazz V. 266.....	6.4	50	50.721	11.82	5			3.6737	.0027	-	13	+24	14	13.28	12.23	6		750	536	+	8
	W.B. (2) V. 1577....	6.0	51	25.355	12.08	5			12.0359	.0449	-	243	+81	31	28.38	13.48	7		681	1.754	-	347
	Carrington 824	8.8*	52	12.870	06.58	1			3.7223	.0027	-	1	+25	56	37.00	10.63	5		664	0.543	-	4
1475	139 Tauri.....	4.9	52	24.554	10.63	5			4.4054	+ .0035	-	44	+44	56	21.14	10.88	5	(3)	0.618	- .642	-	5
1478	34 Aurigæ	β 2.1	5	52 55.576	09.36	5	3		6.2033	.0075	+	1	+66	53	41.10	08.64	4		615	904	+	1
	Piazz V. 253.....	7.7*	52	57.820	06.65	1			4.0867	.0028	+	45	+37	12	26.25	10.00	2		561	596	-	90
1482	37 Aurigæ	θ 2.7	53	34.990	10.97	1			3.7701	.0022	+	18	+27	34	7.03	11.05	5		406	550	-	1
	Piazz V. 287.....	6.1	55	21.066	11.24	5			3.2997	.0020	+	12	+ 9	38	53.15	10.84	7		225	481	-	29
1501	61 Orionis	μ 4.2	57	25.887	10.96	3																

118 Tauri. These stars form the pair Σ 716.

50 Orionis. These stars form the pair Σ 774.

Magnitudes marked * are taken from the B.D. catalogue.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "001.
			h	m	s		Above Fol.	Below Fol.				o	'	"		Above Fol.	Below Fol.			
1507	62 Orionis χ^4	4.7	5	58	34.437	06.99	3	+ 3.5626	+ .0018	+ 6	+ 20	8	28.00	06.99	3	+ 0.124	- .519	- 13		
1508	1 Geminorum	4.3		58	38.950	09.86	37	3.6472	.0017	- 6	+ 23	16	8.11	09.75	42	+ 0.118	532	- 108		
	Lalande 11501	6.3	6	0	37.704	12.84	5	3.8292	.0015	- 6	+ 29	31	12.63	12.78	4	- 0.055	558	26		
1525	67 Orionis ν	4.4		2	25.980	10.84	20	3.4251	.0015	+ 6	+ 14	46	47.66	11.07	22	213	499	- 36		
	Mayer 251	6.0		4	6.810	07.07	1	3.6179	.0010	+ 21	+ 22	12	18.53	07.07	1	360	527	- 40		
1541	5 Geminorum	5.9	6	6	1.087	12.02	4	+ 3.6796	+ .0008	+ 5	+ 24	26	26.46	12.02	4	- 0.526	- .536	- 56		
1548	70 Orionis ξ	4.4		6	49.360	07.05	1	3.4113	+ .0010	+ 6	+ 14	13	46.46	07.05	1	596	497	- 34		
1556	Piazz V. 335	4.7		8	55.710	10.64	3	6.6164	- .0102	+ 22	+ 69	21	10.20	10.00	3	14	781	964	- 109	
1561	7 Geminorum η	var.		9	26.679	10.64	40	3.6265	+ .0004	- 45	+ 22	32	1.01	10.86	36	826	528	- 17		
1564	71 Orionis	5.2		9	33.140	06.40	2	3.5372	+ .0006	- 69	+ 19	11	14.79	06.40	2	835	515	- 201		
1565	44 Aurigæ κ	4.5	6	9	38.588	12.08	6	+ 3.8289	0	- 49	+ 29	31	34.52	13.12	6	- 0.843	- .557	- 266		
1573	8 Geminorum	6.1		10	49.124	13.39	5	3.6668	+ .0001	- 12	+ 23	59	59.69	13.39	5	945	533	- 24		
1577	74 Orionis κ^2	5.1		11	23.315	09.69	2	3.3635	+ .0007	+ 60	+ 12	17	52.53	10.82	4	0.995	489	+ 193		
1575	2 Lyncis	4.4		11	40.890	08.34	1	5.2977	- .0060	- 7	+ 59	2	39.74	08.68	1	1	1.022	771	+ 21	
1557	Groombridge 1004	6.6		12	29.502	11.28	3	26.6248	- .4777	+ 280	+ 86	45	26.06	10.64	7	24	1.091	3.875	- 97	
1598	7 Monocerotis	5.1	6	15	22.680	07.55	2	+ 2.8902	+ .0014	- 5	- 7	47	5.01	07.55	2	- 1.344	- 0.420	- 2		
	W.B. (2) VI. 316	6.3		15	27.304	12.63	5	3.8294	- .0011	+ 25	+ 29	34	55.95	12.99	5	351	556	- 62		
1601	1 Canis Majoris ζ	3.1		16	51.494	07.11	1	2.3023	+ .0019	+ 6	- 30	1	20.94	07.11	1	473	334	+ 1		
1604	13 Geminorum μ	3.2		17	30.936	09.48	30	3.6261	- .0006	+ 44	+ 22	33	37.79	10.47	36	531	526	- 113		
1606	46 Aurigæ ψ^1	5.1		17	57.900	09.53	2	4.6233	- .0053	+ 13	+ 49	20	5.76	09.53	2	570	671	- 5		
1609	2 Canis Majoris β	2.0	6	18	44.166	10.86	36	+ 2.6420	+ .0016	- 5	- 17	54	38.55	10.75	25	- 1.637	- .383	0		
1611	8 Monocerotis	4.5		18	59.980	07.00	1	3.1806	+ .0006	- 8	+ 4	38	21.29	07.67	3	660	461	- 3		
1612	Piazz VI. 78	6.6		19	11.141	10.50	8	3.6962	- .0011	+ 6	+ 25	5	47.98	10.50	8	1.676	536	- 17		
1634	10 Monocerotis	5.0		23	30.880	07.10	1	2.9631	+ .0008	- 2	- 4	42	19.60	07.10	1	2.053	429	+ 14		
1635	18 Geminorum ν	4.1		23	37.171	11.09	31	3.5634	- .0012	- 6	+ 20	16	11.13	10.84	33	062	516	- 21		
1657	13 Monocerotis	4.5	6	28	2.303	09.85	3	+ 3.2448	- .0003	+ 2	+ 7	23	58.28	09.35	7	- 2.446	- .468	- 10		
1665	8 Lyncis	6.1		29	28.013	12.01	1	5.5198	.0192	- 273	+ 61	33	40.19	11.76	1	6	570	797	- 281	
1668	49 Aurigæ	5.1		29	31.999	10.70	9	3.7800	.0030	- 4	+ 28	5	35.78	11.12	10	576	545	- 23		
1673	Piazz VI. 75	5.6		30	53.315	07.88	1	10.3336	.1290	- 269	+ 79	39	50.17	10.89	4	19	694	1.492	- 616	
1687	51 Aurigæ	5.7		32	25.435	09.08	2	4.1620	.0063	- 21	+ 39	28	15.17	09.08	2	826	0.600	- 116		
1690	24 Geminorum γ	1.9	6	32	30.793	10.66	50	+ 3.4638	- .0017	+ 31	+ 16	28	36.45	10.65	56	- 2.835	- .499	- 47		
1693	53 Aurigæ	5.5		32	40.594	12.72	5	3.8076	.0038	- 12	+ 29	3	43.87	12.72	5	849	548	- 25		
1697	54 Aurigæ	5.8		33	52.659	10.71	7	3.7855	.0038	- 8	+ 28	20	36.31	10.71	7	2.953	545	- 23		
1704	25 Geminorum	6.5		35	40.650	12.90	5	3.7828	.0041	+ 6	+ 28	16	49.77	12.90	5	3.108	543	- 15		
1706	15 Monocerotis s	4.7		36	1.380	08.19	1	3.3048	.0012	+ 2	+ 9	58	46.54	09.39	3	137	474	- 7		
1717	27 Geminorum ϵ	3.2	6	38	23.711	11.76	50	+ 3.6931	- .0038	0	+ 25	13	15.50	11.72	52	- 3.343	- .529	- 20		
1722	28 Geminorum	5.5		39	3.264	12.00	7	3.8044	- .0047	- 3	+ 29	3	45.74	12.00	7	399	545	- 29		
1725	31 Geminorum ξ	3.4		40	14.319	11.27	22	3.3761	- .0019	- 78	+ 12	59	35.99	11.55	35	501	483	- 201		
1724	Aurigæ ψ^5	5.3		40	15.110	11.02	1	4.3285	- .0100	+ 7	+ 43	40	4.84	11.02	1	503	620	+ 158		
1732	9 Canis Majoris a	1.6		41	10.818	10.54	25	2.6807	+ .0010	- 367	- 16	35	31.35	10.54	25	583	383	- 1206		
1740	18 Monocerotis	4.7	6	43	10.050	10.76	3	+ 3.1301	- .0008	- 4	+ 2	30	40.16	11.62	4	- 3.753	- .447	- 25		
1744	43 Camelopardi	5.1		44	0.215	11.33	1	6.4889	.0499	+ 19	+ 68	59	39.20	11.46	1	15	3.825	927	+ 9	
1748	58 Aurigæ ψ^7	5.0		44	24.140	11.55	2	4.2487	.0102	- 16	+ 41	53	16.80	11.55	2	3.859	606	- 135		
1759	36 Geminorum d	5.2		46	9.417	09.72	3	3.5980	.0041	- 7	+ 21	52	5.47	11.17	2	4.009	512	- 41		
1760	B.F. 963	5.8		46	32.154	07.48	2	3.6473	.0046	- 29	+ 23	42	31.27	09.72	3	4.042	519	- 16		
1763	34 Geminorum θ	3.6	6	46	51.433	09.41	3	+ 3.9575	- .0076	+ 5	+ 34	4	14.34	09.41	3	- 4.069	- .563	- 54		
1758	Piazz VI. 201	4.8		46	57.210	10.08	4	8.7826	.1281	+ 250	+ 77	5	37.50	10.60	8	14	078	1.252	- 14	
	Nova Gemin. (1912).	var.		49	4.017	12.21	3	3.8966	.0073		+ 32	15	13.83	12.21	3	259	0.553			
1778	38 Geminorum e	4.7		49	34.190	07.24	1	3.3809	.0028	+ 50	+ 13	17	34.35	07.24	1	302	480	- 85		
1780	37 Geminorum	5.8		49	46.657	13.07	6	3.6946	.0054	- 30	+ 25	29	20.47	13.07	6	320	524	+ 13		

7 Geminorum. This star forms the pair β 1005, components 4.2 and 9.1. The limits of magnitude are 3.2 and 4.2, period 231^d.4.
 8 Monocerotis. This is the principal star of the pair Σ 900, components 4.0 and 6.7.

54 Aurigæ. This star is the close double O Σ 152.
 15 Monocerotis. This is the principal star of the pair Σ 950.
 38 Geminorum. This is the principal star of the pair Σ 982, components 5.4 and 7.7.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion ^{sec.} 0001.	Mean Dec. 1910.0.			No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion ^{sec.} 001.		
			h	m	s		Above Pole.	Below Pole.				°	'	"	Above Pole.	Below Pole.					
1783	14 Canis Majoris... θ	4.3	6	50	0.521	09.53	21	+	2.7970	+ .0004	- 93	-11	55	31.31	09.18	24	-	4.339	- .396	- 15	
1793	20 Canis Majoris... ι	4.4		52	7.430	11.04	1		2.6760	+ .0007	- 1	-16	56	12.66	11.04	1	-	250	378	+ 11	
1796	39 Geminorum.....	6.1	53	14	6.44	09.75	5		3.7124	- .0062	- 120	+26	11	59.99	09.75	5		616	525	+ 86	
1798	40 Geminorum.....	6.3	53	54	6.35	12.11	7		3.7074	- .0062	- 11	+26	2	13.72	12.11	7		672	524	- 14	
1804	21 Canis Majoris... ϵ	1.6	55	5	3.40	11.01	10		2.3575	+ .0012	+ 1	-28	50	56.60	11.60	10		772	330	- 1	
1806	42 Geminorum... ω	5.2	6	56	55.876	13.86	5	+	3.6586	- .0061	- 3	+24	20	39.97	13.86	5	-	4.929	- .515	- 14	
1809	Piazzì VI. 305.....	6.0	57	47	3.22	12.88	5		3.8044	- .0078	+ 121	+29	29	20.15	12.88	5		5.001	535	- 823	
1801	Cephei 51.....	5.3	58	39	5.60	10.56	48	77	29.4340	-2.8116	- 480	+87	11	31.37	09.90	120	155	074	4.149	- 38	
1815	43 Geminorum... ζ	var.	58	46	2.89	10.71	20		3.5611	-0.0053	- 3	+20	42	10.66	10.48	25		084	0.500	- 8	
1819	23 Canis Majoris... γ	4.1	59	41	1.79	10.58	16		2.7144	+ .0004	- 1	-15	29	58.89	11.43	11		162	380	- 14	
1835	45 Geminorum.....	5.6	7	3	12.415	06.64	2	+	3.4431	- .0047	- 7	+16	4	30.96	09.32	5	-	5.458	- .481	- 111	
1839	25 Canis Majoris... δ	2.0	4	43	9.40	08.12	1		2.4396	+ .0011	- 4	-26	14	58.03	08.12	1		587	339	+ 2	
1841	63 Aurigæ.....	5.1	5	28	0.90	11.04	1		4.1282	- .0139	+ 41	+39	28	5.32	11.04	1		649	575	- 3	
1843	47 Geminorum.....	5.6	5	48	1.98	12.09	5		3.7257	- .0081	- 13	+27	0	19.23	09.13	10		677	519	- 49	
1850	48 Geminorum.....	5.8	6	58	3.80	12.24	5		3.6498	- .0073	- 14	+24	16	46.95	12.24	5		775	507	- 52	
1853	22 Monocerotis.....	4.1	7	7	16.065	08.15	2	+	3.0648	- .0016	+ 2	- 0	20	34.54	08.15	2	-	5.800	- .425	+ 11	
1854	18 Lyncis.....	5.3	8	3	6.95	10.27	1	1	5.2680	.0392	- 116	+59	47	55.82	10.42	1	1	866	732	- 258	
1856	51 Geminorum.....	5.3	8	12	2.35	11.02	37		3.4464	.0051	+ 8	+16	18	44.53	11.06	38		878	478	- 50	
1861	52 Geminorum.....	6.0	9	11	7.96	11.90	5		3.6686	.0078	+ 37	+25	2	30.58	11.90	5		5.961	508	- 92	
1868	53 Geminorum.....	5.9	10	20	0.64	12.67	5		3.7514	.0091	- 14	+28	3	17.31	12.67	5		6.056	519	- 9	
1880	Mayer 301.....	6.5	7	11	28.948	11.63	5	+	3.7165	- .0087	+ 58	+26	51	8.10	11.63	5	-	6.151	- .514	- 134	
1871	64 Aurigæ.....	5.8	11	46	8.10	11.21	1		4.1794	.0162	- 10	+41	2	39.08	11.21	1		176	577	0	
1871	Piazzì VI. 292.....	5.1	12	(12.7)					12.8386	.5296	+ 27	+82	35	14.35	06.60	5	4	212	1.777	- 45	
1886	54 Geminorum... λ	3.7	12	55	2.70	10.05	1		3.4534	.0057	- 33	+16	42	12.38	10.05	2		271	0.476	- 48	
1898	55 Geminorum... δ	3.5	14	44	9.40	11.16	37		3.5878	.0075	- 13	+22	8	55.60	11.31	35		423	493	- 17	
1914	56 Geminorum.....	5.2	7	16	38.287	06.65	3	+	3.5474	- .0072	- 43	+20	36	50.70	06.65	3	-	6.579	- .486	- 33	
1919	66 Aurigæ.....	5.3	17	54	5.50	09.08	1		4.1618	.0174	+ 1	+40	50	46.19	09.08	1		684	569	- 24	
1921	57 Geminorum... A	5.1	17	59	3.82	11.85	5		3.6659	.0089	- 51	+25	13	26.89	11.85	5		691	501	- 23	
1926	59 Geminorum.....	5.7	18	57	5.60	09.91	5		3.7360	.0102	+ 10	+27	48	45.29	09.91	5		771	510	+ 15	
1931	60 Geminorum... t	3.9	20	8	2.86	12.18	56		3.7395	.0104	- 86	+27	58	39.62	12.18	57		867	509	- 90	
1937	Piazzì VII. 67.....	5.8	7	21	31.393	11.20		4	+	6.2775	- .0859	- 5	+68	39	2.34	10.72	14	-	6.982	- .855	- 44
1941	61 Geminorum.....	5.9	21	38	0.85	06.48	2		3.5393	.0077	- 7	+20	26	16.66	06.48	2		6.990	481	- 24	
1944	3 Canis Minoris... β	3.1	22	16	2.35	10.74	39		3.2589	.0042	- 34	+ 8	28	16.58	10.21	37		7.042	442	- 43	
1945	63 Geminorum.....	5.3	22	23	9.50	08.49	2		3.5685	.0081	- 38	+21	37	47.36	08.49	2		053	484	- 122	
1952	62 Geminorum... p	4.2	23	19	4.40	11.56	24		3.8519	.0129	+ 117	+31	57	50.73	11.54	25		128	522	+ 183	
1956	64 Geminorum... b^1	5.0	7	23	44.122	12.70	5	+	3.7447	- .0110	- 24	+28	18	15.58	12.70	5	-	7.162	- .507	- 59	
1959	65 Geminorum... b^2	5.1	24	12	9.62	11.49	5		3.7385	.0110	- 21	+28	6	8.82	11.49	5		202	506	- 40	
1962	6 Canis Minoris... v	4.9	24	47	2.10	09.76	1		3.3417	.0053	+ 2	+12	11	35.65	09.76	1		248	451	- 19	
	W.B. (2) VII. 704... n^1	6.4	27	27	0.54	08.81	5		3.6010	.0092	- 11	+23	4	47.94	08.53	6		465	484	- 7	
	{ 66 Geminorum... a^1	2.9	28	51	3.10	09.18	3		3.8482	.0137	- 135	+32	5	7.41	08.92	4		579	516	- 110	
1979	{ 66 Geminorum... a^2	2.0	7	28	51.575	10.78	87	+	3.8482	- .0137	- 135	+32	5	12.39	10.31	70	-	7.579	- .516	- 110	
1988	Lalande 14810.....	4.5	30	12	0.90	11.04	1		2.5713	+ .0007	- 48	-22	6	3.76	11.04	1		688	343	+ 45	
1987	69 Geminorum... v	4.2	30	22	6.95	10.85	22		3.7037	- .0113	- 20	+27	5	47.69	10.64	23		702	495	- 116	
1989	Puppis..... n^1	5.9	30	30	4.90	10.12	1		2.5419	+ .0007	- 69	-23	16	35.62	10.12	1		712	339	- 2	
1990	Puppis..... n^2	6.0	30	31	1.30	10.12	1		2.5419	+ .0007	- 91	-23	16	39.14	10.12	1		713	339	- 20	
1999	25 Monocerotis.....	5.2	7	32	48.234	09.21	7	+	2.9886	- .0020	- 47	- 3	54	34.61	09.59	13	-	7.897	- .397	+ 18	
2001	71 Geminorum... o	4.9	33	17	5.83	08.58	3		3.9251	.0161	- 22	+34	47	29.08	08.58	3		7.936	522	- 122	
2008	10 Canis Minoris... a	0.5	34	35	4.62	11.35	110		3.1894	.0042	- 466	+ 5	27	22.07	10.78	96		8.040	423	- 1030	
2010	24 Lyncis.....	5.0	35	23	8.85	10.96	2		5.1005	.0502	- 39	+58	55	18.68	10.96	2		105	677	- 61	
	W.B. (2) VII. 955... n^2	6.2	35	35	3.00	09.42	5		3.5969	.0102	+ 11	+23	13	37.75	09.42	5		120	476	+ 7	

43 Geminorum. The limits of magnitude are 3.7 and 4.3, period 10^d.1+.
55 Geminorum. This is the principal star of the pair Σ 1066, components 3.2 and 8.2.

66 Geminorum. These stars form the pair Σ 1110.
 n^1 and n^2 Puppis. These stars form the pair South 552.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "001.
			h	m	s		Above Pole.	Below Pole.				°	'	"		Above Pole.	Below Pole.			
2021	26 Monocerotis γ	4.1	7	36	56.832	09.39	8	+ 2.8725	- .0012	- 51	- 9	20	26.57	09.18	13	- 8.229	- .378	- 24		
2028	76 Geminorum c	5.4		38	37.632	10.29	5	3.6649	- .0117	- 15	+25	59	57.05	10.29	5	363	482	- 27		
2029	77 Geminorum κ	3.7		39	0.949	12.94	28	3.6285	- .0112	- 16	+24	36	52.47	12.27	32	394	477	- 62		
2031	78 Geminorum β	1.2		39	48.637	11.67	120	3.7234	- .0130	- 471	+28	14	39.44	11.34	149	457	488	- 58		
2035	3 Puppis	4.1		40	11.760	08.13	1	2.4086	+ .0011	- 2	-28	44	21.12	08.13	1	487	315	- 10		
2049	80 Geminorum π	5.3	7	41	42.338	08.98	5	+ 3.8756	- .0166	+ 3	+33	38	14.32	08.98	5	- 8.606	- .507	- 40		
2051	4 Puppis	5.1		41	48.300	09.57	2	2.7639	- .0005	- 12	-14	20	40.22	09.57	2	614	360	+ 3		
2054	82 Geminorum	6.2		43	10.905	09.59	4	3.5923	- .0110	- 9	+23	21	51.58	10.10	9	723	468	- 15		
2065	Argus ξ	3.5		45	30.528	09.97	19	2.5236	+ .0008	- 5	-24	38	0.29	10.22	24	8.906	326	+ 1		
2075	9 Puppis	5.3		47	36.350	08.18	1	2.7829	- .0006	- 41	-13	39	31.62	09.18	1	9.070	358	- 339		
2078	83 Geminorum ϕ	5.0	7	47	59.454	11.48	29	+ 3.6792	- .0133	- 22	+26	59	58.07	11.48	29	- 9.100	- .474	- 37		
2079	26 Lynceis	5.7		48	9.780	08.94	2	4.3852	.0317	- 42	+47	47	55.81	09.66	2 (2)	114	566	- 8		
2084	Groombridge 1374	5.6		49	26.344	07.76	3	7.2556	.1853	7	+74	9	34.40	10.05	7	212	936	- 33		
2091	85 Geminorum	5.4		50	24.837	08.46	3	3.5064	.0102	- 7	+20	7	19.43	08.46	3	288	449	- 46		
2098	1 Cancri	6.0		51	52.956	10.37	5	3.4116	.0085	- 19	+16	1	52.62	09.33	12	402	436	- 49		
2105	53 Camelopardi	6.0	7	54	1.533	10.08	5	+ 5.1542	- .0639	- 19	+60	34	16.70	10.28	5	- 9.567	- .656	- 22		
2117	2 Cancri ω^1	5.8		55	29.243	11.76	32	3.6342	.0133	+ 10	+25	38	23.28	11.59	33	679	460	- 1		
2118	3 Cancri	5.9		55	37.970	08.24	1	3.4426	.0094	- 1	+17	33	21.31	07.62	2	691	435	- 15		
2121	4 Cancri ω^2	6.2		56	18.188	11.54	8	3.6255	.0133	- 9	+25	20	16.62	11.54	8	742	458	+ 12		
2131	6 Cancri	5.0		57	59.580	10.50	44	3.6922	.0150	- 15	+28	2	50.36	10.64	62	871	464	- 52		
2133	7 Cancri	6.9	7	58	31.760	07.22	1	+ 3.5495	- .0119	- 28	+22	19	25.78	07.22	1	- 9.911	- .446	- 20		
2145	27 Lynceis	4.9	8	1	41.540	09.28	2	4.5352	- .0419	- 58	+51	46	0.72	09.84	2	10.151	566	- 8		
2146	9 Cancri μ^1	5.4		2	28.227	09.88	3	3.5335	- .0119	+ 18	+21	50	37.43	09.88	6	209	439	- 81		
2153	15 Argus ρ	2.9		3	42.658	11.61	24	2.5611	+ .0009	- 65	-24	2	39.40	11.45	24	303	316	+ 45		
2150	55 Camelopardi	5.5		3	51.870	09.98	3	6.0177	- .1203	+ 8	+68	44	24.08	10.00	2	315	748	+ 5		
2157	14 Cancri ψ^2	5.8	8	5	2.058	12.31	5	+ 3.6243	- .0143	- 51	+25	46	51.78	12.31	5	- 10.402	- .447	- 354		
2168	16 Cancri ζ	5.1		7	3.115	08.80	6	3.4399	.0105	+ 46	+17	55	10.73	08.54	7	552	422	- 140		
2169	16 Cancri (Comes) ξ	6.0		7	3.353	06.18	2	3.4399	.0105	+ 59	+17	55	8.36	06.18	2	552	422	- 114		
2174	Bradley 1147	5.7		8	15.623	08.76	3	7.6258	.2587	+ 67	+76	1	58.28	08.67	7	643	938	+ 12		
	W.B. (2) VIII. 85	6.4		8	21.885	08.89	4	3.5627	.0133	- 17	+23	24	33.38	08.89	4	650	435	- 22		
2135	Groombridge 1119	7.0	8	8	41.063	10.42	47	+62.2412	- 32.8865	- 330	+88	54	16.30	09.91	127	155	- 10.673	- 7.678	+ 7	
2183	20 Puppis	5.1		9	11.865	08.71	2	2.7589	0.0003	- 9	-15	31	0.07	10.21	1	711	0.335	- 7		
2195	17 Cancri β	3.8		11	38.146	10.34	31	3.2595	.0072	- 35	+ 9	27	48.62	10.46	41	10.891	394	- 54		
2197	30 Lynceis	5.9		13	10.370	10.61	1	4.8619	.0617	+ 72	+58	1	28.10	10.61	1	11.004	588	+ 18		
2202	18 Cancri χ	5.2		14	36.014	10.81	8	3.6519	.0163	- 9	+27	30	34.76	11.32	7	108	438	- 388		
2205	Piazzi VIII. 42	5.9	8	15	6.126	09.64	5	+ 3.4996	- .0126	+ 50	+21	1	55.49	09.64	5	- 11.144	- .419	- 57		
2206	19 Cancri λ	5.9		15	11.208	10.38	5	3.5741	.0142	- 11	+24	18	22.75	10.38	5	150	428	- 31		
2208	31 Lynceis	4.4		16	40.670	10.57	5	4.1210	.0314	- 8	+43	28	38.84	10.57	5	259	492	- 107		
2218	20 Cancri d^1	5.9		18	12.743	10.69	29	3.4434	.0115	- 39	+18	37	18.37	10.94	36	370	409	- 32		
2237	30 Monocerotis	4.0		21	9.880	09.22	4	3.0036	.0032	- 44	- 3	36	44.61	08.49	6	581	352	- 25		
2238	24 Cancri v^1	7.1	8	21	18.817	10.60	6	+ 3.5770	- .0151	- 29	+24	49	50.09	10.60	6	- 11.592	- .420	- 87		
2239	24 Cancri (Comes) v^1	7.6		21	19.028	11.46	5	3.5770	.0151	- 29	+24	49	54.87	11.46	5	592	420	- 84		
2247	1 Ursæ Majoris o	3.5		22	47.725	10.31	2	5.0320	.0767	- 167	+61	1	11.66	09.64	2	698	591	- 114		
2251	28 Cancri v^2	6.1		23	16.773	10.92	14	3.5651	.0150	- 20	+24	26	38.99	10.92	14	732	416	- 71		
2253	29 Cancri	5.9		23	36.105	10.70	6	3.3527	.0098	- 9	+14	30	34.03	11.79	11	754	391	- 18		
2263	30 Cancri v^3	5.7	8	26	11.330	09.72	5	+ 3.5592	- .0153	- 62	+24	23	6.71	09.77	5	- 11.937	- .412	- 63		
2265	31 Cancri θ	5.6		26	27.933	10.16	3	3.4293	.0119	- 37	+18	23	57.28	10.12	5	957	396	- 69		
2268	Groombridge 1450	6.1		27	4.145	09.27	2	3.9188	.0267	- 90	+38	19	32.37	09.27	2	11.999	453	- 175		
2271	33 Cancri η	5.5		27	30.354	11.30	22	3.4775	.0132	- 26	+20	44	50.93	10.99	20	12.029	400	- 54		
2275	32 Cancri	6.4		27	41.027	10.89	10	3.5570	.0153	- 47	+24	23	29.57	10.89	10	042	410	- 65		

77 Geminorum. This is the principal star of the pair OΣ 179.
 9 Puppis. This star is the close double β 101, components 6.0 and 6.5.

16 Cancri. These stars form the triple system Σ 1196, components 5.0, 5.5, and 5.7.
 24 Cancri. These stars form the pair Σ 1224.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	
			h	m	s		Above Pole.	Below Pole.				°	'	"	Above Pole.	Below Pole.				
2261	Groombridge 1418 ..	7.4	8	28	3.220	08.38	1	1	+16.2628	-2.1403	- 790	+85	22	28.38	11.53	7	13	-12.067	-1.888	- 84
2278	Groombridge 1446 ..	6.3	29	43.382	08.92	3	2	6.7600	0.2206	- 42	+73	56	42.90	10.07	10	16	184	0.777	- 105	
2293	Groombridge 1460 ..	6.0	32	37.820	11.41	3	2	4.4684	.0519	- 26	+53	1	39.75	11.96	3	2	385	507	- 32	
2295	4 Hydræ	4.2	32	53.608	11.01	5		3.1832	.0066	- 49	+ 6	1	5.16	10.91	11		403	359	- 11	
	W.B. (2) VIII. 736..	6.8	33	27.975	10.11	5		3.5391	.0155	- 51	+24	0	19.01	09.94	6		442	399	- 193	
2302	5 Hydræ	4.5	8	34	3.225	08.84	4		+ 3.1394	- .0058	- 12	+ 3	39	28.35	09.30	4		-12.482	- .353	- 20
2311	41 Cancri	6.3	35	17.427	09.80	3		3.4487	.0131	- 22	+19	51	48.61	09.80	3		567	386	- 18	
2315	6 Hydræ	5.2	35	45.676	08.24	5		2.8486	.0010	- 59	-12	9	24.05	09.82	16		599	318	- 4	
2327	43 Cancri	4.7	38	4.797	10.30	31		3.4847	.0143	- 73	+21	47	33.84	10.48	39		756	387	- 50	
2336	47 Cancri	4.2	39	34.370	10.36	5		3.4153	.0124	- 12	+18	29	8.37	11.42	6		857	377	- 239	
2342	Mali	3.7	8	39	58.840	08.09	1		+ 2.4111	+ .0029	- 9	-32	51	40.97	08.09	1		-12.884	- .264	+ 6
2348	48 Cancri	4.2	41	15.214	12.11	24		3.6394	- .0196	- 15	+29	5	23.01	12.12	27		12.969	399	- 50	
2354	11 Hydræ	3.5	42	0.640	10.87	25		3.1928	- .0071	- 127	+ 6	44	58.14	10.72	35		13.020	348	- 54	
2365	14 Hydræ	5.2	44	50.409	09.99	8		3.0179	- .0035	- 14	- 3	6	30.66	11.01	21		206	325	- 24	
	Mayer 387	6.1	45	37.898	11.49	6		3.4209	- .0132	- 11	+19	10	6.07	11.49	6		259	368	- 1	
2375	Mali	4.2	8	46	42.850	10.96	1		+ 2.5557	+ .0024	- 103	-27	22	33.30	10.96	1		-13.329	- .273	+ 81
2380	55 Cancri	6.1	47	14.347	11.52	26		3.6173	- .0196	- 365	+28	40	30.45	11.78	31		364	387	- 245	
2384	57 Cancri (Comes) ..	6.4	48	45.333	12.34	8		3.6656	- .0215	+ 30	+30	55	15.89	12.13	10		462	390	- 33	
	57 Cancri	5.9	48	45.460	12.31	7		3.6656	- .0215	+ 30	+30	55	14.34	12.08	9		462	390	- 33	
	Mayer 394	Var.	50	18.868	10.51	4		3.3842	- .0124	+ 9	+17	34	27.56	09.52	5		563	358	+ 13	
2393	16 Hydræ	3.3	8	50	38.250	09.37	5		+ 3.1808	- .0071	- 69	+ 6	17	18.97	10.11	15		-13.584	- .335	+ 9
2394	60 Cancri	5.7	51	0.807	10.86	3		3.2806	.0096	- 2	+11	58	13.67	11.72	5		608	345	- 21	
2402	63 Cancri	5.6	52	33.740	06.18	1		3.3508	.0116	+ 42	+15	55	38.65	06.18	1		707	351	+ 22	
2404	9 Ursæ Majoris	3.1	53	3.110	10.89	1	2	4.1685	.0445	- 438	+48	23	44.87	11.30	1	2	738	437	- 249	
2407	65 Cancri	4.3	53	33.977	10.24	31		3.2826	.0097	+ 25	+12	12	23.99	10.56	47		771	342	- 39	
2411	8 Ursæ Majoris	5.0	8	54	26.710	10.77	2	2	+ 5.4651	- .1358	- 26	+67	58	51.85	11.37	3	15	-13.827	- .571	+ 15
2413	10 Ursæ Majoris	4.1	54	48.070	11.13	2		3.9467	.0342	- 388	+42	8	23.33	11.13	2		13.850	410	- 261	
2423	Groombridge 1501 ..	5.7	57	25.142	10.07	2	3	4.4191	.0604	+ 4	+54	38	21.38	09.84	2	3	14.014	455	- 2	
2426	69 Cancri	5.5	57	28.724	11.85	24		3.5141	.0172	0	+24	48	27.31	11.75	28		018	360	- 5	
2424	12 Ursæ Majoris	3.7	57	29.179	10.06	3	3	4.1155	.0433	- 30	+47	30	47.31	11.17	3	(3)	018	423	- 66	
2439	18 Hydræ	5.4	9	1	14.223	09.17	4		+ 3.1622	- .0068	- 14	+ 5	27	8.80	09.46	13		-14.251	- .318	- 3
	W.B. (2) VIII. 1458.	7.1	2	15.550	11.11	1		3.4762	.0164	- 117	+23	20	26.08	11.11	1		314	347	0	
2442	W.B. (2) VIII. 1459.	6.7	2	15.809	11.39	7		3.4762	.0164	- 117	+23	20	33.05	11.39	7		314	347	0	
2441	13 Ursæ Majoris	4.9	2	29.238	10.65	2	2	5.3291	.1328	- 9	+67	30	2.06	11.02	2	15	327	537	- 70	
2445	76 Cancri	5.1	2	52.432	11.46	36		3.2544	.0093	- 13	+11	1	51.09	10.56	32		352	325	- 11	
2449	77 Cancri	5.2	9	4	11.208	11.46	4		+ 3.4550	- .0158	+ 3	+22	24	36.38	11.46	4		-14.431	- .343	- 7
2465	36 Lynceis	5.3	7	55.330	08.45	4		3.9405	.0375	- 21	+43	35	22.03	08.45	4		656	386	- 47	
2471	Bradley 1299	6.1	8	28.949	10.60	19		3.4435	.0154	- 7	+21	39	16.03	10.60	19		690	334	- 25	
2479	22 Hydræ	3.8	9	40.995	12.72	4		3.1151	.0057	+ 87	+ 2	41	39.86	12.54	9		761	301	- 312	
2480	82 Cancri	5.6	10	15.915	10.46	4		3.3194	.0117	- 25	+15	18	54.77	10.46	4		795	320	- 18	
2495	38 Lynceis (Comes) ..	6.6	9	13	14.730	09.29	1		+ 3.7467	- .0292	- 21	+37	11	0.45	09.29	1		-14.970	- .357	- 135
	38 Lynceis	4.0	13	15.000	09.29	1		3.7467	.0292	- 21	+37	11	2.56	09.29	1		14.970	357	- 135	
2501	83 Cancri	6.6	13	57.611	10.25	37		3.3618	.0134	- 81	+18	5	14.51	10.14	41		15.012	318	- 138	
2507	40 Lynceis	3.3	15	34.537	11.16	3		3.6825	.0267	- 176	+34	46	24.91	11.16	3		105	347	+ 10	
	Lalande 18412	6.5	16	17.335	14.60	2		3.3195	.0121		+15	45	13.06	14.60	2		146	311		
2516	Mali	4.9	9	17	30.476	11.21	2		+ 2.6559	+ .0035	- 15	-25	34	54.89	11.21	2		-15.215	- .246	- 9
2529	28 Hydræ	5.8	20	54.118	10.44	4		3.0018	- .0027	- 14	- 4	43	44.01	10.29	7		407	274	- 10	
2528	Piazzi IX. 74	6.3	20	33.467	13.88	3		3.3339	- .0128	- 53	+16	58	27.45	13.88	3		387	305	- 20	
2533	30 Hydræ	2.2	23	9.891	11.06	43		2.9497	- .0014	- 11	- 8	16	5.31	10.82	46		533	265	+ 31	
2536	Piazzi IX. 37	4.6	24	20.067	09.30	7	1	8.8451	- .7669	- 43	+81	43	31.24	10.95	20	21	597	803	- 25	

11 Hydræ. This star is the close double Σ 1273, components 3.9 and 4.4.
 57 Cancri. These stars form the pair Σ 1291.
 9 Ursæ Majoris. This is the principal star of the pair O Σ 196.
 13 Ursæ Majoris. This star forms the close double Σ 1306, components 5.0 and 8.5.

W.B. (2) VIII. 1458 and 1459. These stars form the pair Σ 1311, magnitudes from Struve.
 38 Lynceis. These stars form the pair Σ 1334.
 Piazzi IX. 74. This star is the close double Σ 1356, components 6.2 and 7.0.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.		
			h	m	s	Above Pole.	Below Pole.				°	'	"	Above Pole.	Below Pole.					
2540	23 Ursæ Majoris ... <i>h</i>	3.8	9	24	26.706	11.32	2	3	+4.7520	-0.1026	+170	+63	27	21.76	11.43	2	4	-15.603	-0.428	+25
2552	25 Ursæ Majoris ... <i>θ</i>	3.3		26	50.690	11.16	1		4.1357	-0.0558	-1026	+52	5	18.01	11.16	1		734	367	+548
2555	5 Leonis ... <i>ξ</i>	5.1		27	5.793	10.76	22		3.2437	-0.0099	-65	+11	41	55.57	11.43	24		748	286	-87
2566	10 Leonis Minoris ...	4.6		28	42.825	12.25	2		3.6855	-0.0293	+11	+36	47	51.11	12.25	2		835	323	-27
2569	Lalande 18817 ...	3.2		29	3.865	10.21	2		2.7632	+0.0029	-19	-20	43	0.69	10.21	2		854	240	-2
2572	33 Hydræ ...	5.7	9	30	3.262	11.04	5		+2.9940	-0.0022	0	-5	30	46.67	10.34	12		-15.906	-0.259	-57
2580	8 Leonis ...	5.9		32	4.770	10.55	8		3.3158	-0.0128	-7	+16	50	29.15	10.55	8		16.014	284	-19
2582	10 Leonis ...	5.1		32	27.710	10.24	4		3.1744	-0.0077	-44	+7	14	22.79	10.18	10		035	271	-7
2589	2 Sextantis ...	4.8		33	45.695	11.21	2		3.1429	-0.0066	-110	+5	3	21.85	11.86	7		102	266	-63
	Piazzì IX. 135 ...	6.8		33	51.817	11.94	3		3.3730	-0.0154	-12	+20	42	13.70	11.94	3		107	286	-32
2591	Groombridge 1564 ...	5.7	9	34	33.551	11.31	2	3	+5.2083	-0.1601	-115	+69	38	51.66	11.00	2	13	-16.143	-0.443	-71
2595	35 Hydræ ... <i>ι</i>	4.1		35	15.630	11.80	3		3.0624	-0.0040	+31	-0	44	1.63	12.39	6		179	257	-72
2600	38 Hydræ ... <i>κ</i>	5.0		35	59.487	14.26	1		2.8777	+0.0010	-18	-13	55	25.11	10.94	5		217	240	-16
2602	14 Leonis ... <i>ο</i>	3.8		36	20.910	10.65	29		3.2150	-0.0092	-98	+10	18	7.82	11.12	29		236	268	-39
	Piazzì IX. 158 ...	7.6		38	20.326	12.20	2½		3.3637	-0.0153	+23	+20	36	17.61	11.82	3		337	277	-35
2612	16 Leonis ... <i>ψ</i>	5.6	9	38	49.923	11.54	3		+3.2712	-0.0115	-2	+14	26	1.91	11.54	3		-16.362	-0.269	-14
	W.B. (2) IX. 780 ...	6.6		39	29.869	10.66	14		3.3414	-0.0145	+20	+19	16	40.17	10.80	15		396	273	-77
2615	Antliæ ... <i>θ</i>	5.0		40	11.440	13.31	1		2.6764	+0.0053	-45	-27	21	23.41	13.31	1		430	217	+23
2618	17 Leonis ... <i>ε</i>	3.1		40	44.701	11.43	60		3.4152	-0.0179	-30	+24	11	20.71	11.47	85		458	277	-24
2620	14 Leonis Minoris ...	6.8		40	57.260	11.15	1		3.8488	-0.0421	+56	+45	31	59.26	11.15	1		469	313	-143
2632	29 Ursæ Majoris ... <i>ν</i>	3.9	9	44	35.931	09.96	5	2	+4.3343	-0.0813	-380	+59	27	45.58	10.77	5	1	-16.648	-0.345	-159
2639	23 Leonis ...	6.7		46	9.880	10.76	3		3.2492	-0.0108	+17	+13	29	14.91	10.76	3		724	259	-27
2641	6 Sextantis ...	6.0		46	42.025	08.80	5		3.0235	-0.0025	+9	-3	49	16.15	10.67	21		750	235	-30
2648	24 Leonis ... <i>μ</i>	4.1		47	38.877	11.07	40		3.4352	-0.0196	-163	+26	25	52.48	11.08	56		795	266	-63
2656	Piazzì IX. 187 ...	6.0		50	21.680	08.27	1	2	5.4611	-0.2198	-148	+73	18	28.81	11.15	7	25	924	420	-47
2663	10 Sextantis ...	5.9	9	51	39.870	09.60	3		+3.1895	-0.0085	-61	+9	21	35.71	10.67	5		-16.984	-0.240	+7
2665	19 Leonis Minoris ...	5.2		52	10.617	08.28	2		3.6979	-0.0358	-102	+41	29	4.52	08.28	2		17.008	278	-37
2672	27 Leonis ... <i>ν</i>	5.0		53	23.030	11.29	5		3.2328	-0.0105	-21	+12	52	28.42	10.85	7		064	240	-29
2680	29 Leonis ... <i>π</i>	4.9		55	27.523	11.46	32		3.1755	-0.0081	-23	+8	28	35.01	10.55	35		158	232	-27
2688	Lacaille 4126 ...	5.8	10	0	11.497	13.55	4		2.7775	+0.0056	-102	-23	50	58.63	13.55	4		369	195	+22
2690	40 Hydræ ... <i>υ</i> ²	4.7	10	0	44.539	09.74	6		+2.9233	+0.0016	-25	-12	37	40.25	10.08	11		-17.393	-0.204	+12
	Mayer 444 ...	6.3		0	48.049	12.02	9		3.2654	-0.0122	-23	+16	11	43.36	12.05	10		395	229	+17
2694	30 Leonis ... <i>η</i>	3.6		2	25.681	08.82	11		3.2756	-0.0129	-1	+17	12	6.46	09.29	17		466	227	-12
2698	32 Leonis ... <i>α</i>	1.3		3	34.850	11.34	86		3.2155	-0.0100	-169	+12	24	26.99	10.92	100		515	221	-3
2706	41 Hydræ ... <i>λ</i>	3.8		6	12.023	10.32	4		2.9385	+0.0015	-137	-11	54	32.30	10.31	8		625	197	-93
2711	34 Leonis ...	6.4	10	6	47.909	14.41	7		+3.2281	-0.0108	+33	+13	47	59.24	14.41	7		-17.650	-0.216	-47
	Piazzì X. 23 ...	6.6		11	22.105	11.44	6		3.2729	-0.0133	0	+18	11	18.44	12.34	11		836	211	-9
2726	32 Ursæ Majoris ...	5.7		11	30.691	10.34	4	6	4.4129	-0.1134	-144	+65	33	28.38	11.05	4	15	842	286	-13
2729	33 Ursæ Majoris ... <i>λ</i>	3.5		11	40.417	09.20	4	3	3.6471	-0.0382	-149	+43	21	50.95	10.79	4	(3)	849	235	-45
2730	36 Leonis ... <i>ζ</i>	3.7		11	41.242	10.53	5		3.3417	-0.0174	+16	+23	51	57.89	10.83	8		849	214	-15
2731	37 Leonis ...	5.7	10	11	51.000	09.62	9		+3.2260	-0.0109	-16	+14	10	38.64	10.27	11		-17.855	-0.206	-27
2735	22 Sextantis ...	5.4		13	9.536	11.45	5		2.9922	-0.0000	-108	-7	37	8.86	11.90	15		907	188	+2
2740	Groombridge 1638 ...	6.2		14	42.120	08.18	2	2	3.9086	-0.0620	-19	+54	40	7.38	09.00	2	1	967	245	-16
2742	41 Leonis ... <i>γ</i> ¹	2.6		15	0.793	10.50	63		3.2911	-0.0147	+215	+20	17	49.49	10.51	70		979	205	-153
2743	41 Leonis ... <i>γ</i> ²	3.8		15	1.123	08.57	6		3.2911	-0.0147	+215	+20	17	47.05	08.21	6		17.979	205	-182
2745	Bradley 1399 ...	5.6	10	16	42.856	09.34	9	3	+9.3591	-1.4841	-893	+84	42	36.75	10.64	21	27	-18.045	-0.587	-41
2751	34 Ursæ Majoris ... <i>μ</i>	3.2		16	58.305	09.64	4		3.5946	-0.0358	-73	+41	57	8.70	09.64	4		054	220	+20
2752	42 Leonis ...	6.1		17	0.029	09.97	11		3.2327	-0.0115	-27	+15	25	46.70	10.15	12		055	197	-30
2754	Bradley 1429 ...	4.9		17	39.195	10.25	3	3	4.3700	-0.1155	-18	+66	1	18.73	11.39	3	13	080	267	-23
2762	Piazzì X. 22 ...	5.3		20	11.400	09.48	1	2	7.6750	-0.8883	-450	+83	1	1.60	10.82	17	12	175	464	+24

23 Ursæ Majoris. This is the principal star of the pair Σ 1351, components 3.8 and 9.0.
41 Leonis. These stars form the pair Σ 1424.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion μ .0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion μ .001.
			h	m	s		Above Pole.	Below Pole.				°	'	"		Above Pole.	Below Pole.			
2771	42 Hydræ μ	4.1	10	21	44.208	09.92	24	+2.9092	+ .0042	- 89	-16	22	35.31	09.83	20	-18.231	- .169	- 84		
2776	31 Leonis Minoris β	4.4	22	41.060	10.75	3	3.4900	- .0294	- 99	+37	10	6.24	10.75	3	266	202	- 110			
2777	45 Leonis	5.9	22	53.888	11.36	4	3.1716	- .0083	+ 8	+10	13	16.56	11.36	4	274	182	- 7			
2785	36 Ursæ Majoris	4.8	24	52.454	11.70	3	3.8848	- .0661	- 215	+56	26	32.49	11.40	3	344	221	- 38			
2788	29 Sextantis	5.2	24	54.520	11.89	3	3.0511	- .0018	- 32	- 2	16	40.96	10.82	12	345	172	- 19			
2800	46 Leonis ϵ	5.7	10	27 23.617	10.17	14	+3.2094	- .0106	- 27	+14	35	58.09	10.17	14	-18.432	- .176	+ 13			
2799	Bradley 1446	5.0	27	28.367	10.61	1	5.2064	- .2703	- 79	+76	10	36.98	10.64	17	434	290	- 10			
2804	47 Leonis ρ	3.9	28	4.402	10.69	26	3.1624	- .0079	- 5	+ 9	46	12.11	10.21	30	455	172	- 6			
2813	37 Ursæ Majoris	5.2	29	22.315	10.73	2	3.8821	- .0692	+ 83	+57	32	47.81	10.00	2	499	210	+ 31			
2815	44 Hydræ	5.3	29	43.985	12.72	2	2.8518	+ .0075	- 2	-23	16	51.86	12.72	2	511	152	+ 8			
2816	48 Leonis	5.2	10	30 6.370	12.24	5	+3.1390	- .0065	- 72	+ 7	25	2.34	11.94	7	-18.524	- .167	+ 52			
2817	49 Leonis	5.7	30	18.980	14.12	2	3.1543	.0074	- 30	+10	6	56.10	14.14	3	531	168	- 11			
2829	37 Leonis Minoris	4.8	33	39.524	11.48	8	3.3850	.0240	+ 5	+32	26	38.74	11.48	8	640	173	- 3			
2844	Piazzi X. 126	5.2	36	38.267	10.10	3	4.3474	.1400	- 14	+69	32	50.18	09.96	3	734	218	- 22			
2846	33 Sextantis	6.4	36	49.563	11.97	3	3.0620	.0019	- 94	- 1	16	5.63	11.97	3	740	151	- 129			
2851	34 Sextantis	6.6	10	37 58.691	10.33	25	+3.1057	- .0044	- 62	+ 4	3	12.95	10.82	29	-18.776	- .151	+ 21			
2850	39 Ursæ Majoris	5.8	38	2.855	10.33	2	3.8116	.0682	+ 21	+57	40	19.25	10.33	2	778	186	- 57			
2854	41 Leonis Minoris	5.1	38	31.550	12.36	1	3.2763	.0164	- 83	+23	39	35.43	10.31	3	793	158	+ 5			
2866	42 Leonis Minoris	5.4	40	51.799	11.32	35	3.3460	.0224	- 20	+31	9	23.80	11.32	35	863	157	- 41			
	Lalande 20748	6.8	41	33.734	08.00	5	3.1779	.0094	+ 3	+13	13	20.92	08.00	5	883	147	- 49			
2868	37 Sextantis	6.3	10	41 24.580	10.77	4	+3.1265	- .0058	- 5	+ 6	50	51.64	09.66	7	-18.879	- .145	- 38			
2870	52 Leonis k	5.6	41	39.373	10.24	10	3.1898	- .0101	- 90	+14	40	12.16	10.39	11	886	148	- 79			
2883	53 Leonis l	5.3	44	31.680	10.76	33	3.1567	- .0079	- 1	+11	1	18.07	10.92	48	969	141	- 33			
2888	Hydræ v	3.3	45	11.057	09.59	3	2.9519	+ .0053	+ 65	-15	43	20.83	09.59	3	18.987	130	+ 193			
2899	46 Leonis Minoris	3.9	48	16.921	10.17	9	3.3574	- .0253	+ 74	+34	42	0.82	10.17	9	19.073	143	- 290			
2909	54 Leonis	4.5	10	50 44.569	12.24	45	+3.2599	- .0169	- 55	+25	13	48.10	12.44	48	-19.138	- .133	- 17			
	54 Leonis (Comes)	6.3	50	45.086	10.99	14	3.2599	.0169	- 55	+25	13	45.93	10.99	14	138	133	- 17			
2915	56 Leonis	6.1	51	21.128	14.27	5	3.1186	.0052	- 14	+ 6	39	57.15	14.27	5	153	126	- 10			
2918	Bradley 1508	6.3	52	46.900	08.91	8	4.9304	.3040	- 248	+78	15	9.30	10.20	15	190	200	- 27			
2920	47 Ursæ Majoris	5.1	54	25.878	09.85	3	3.3993	.0320	- 280	+40	54	39.63	10.92	3	231	132	+ 50			
2925	7 Crateris a	4.2	10	55 23.305	13.26	2	+2.9530	+ .0070	- 326	-17	49	9.55	13.26	2	-19.255	- .112	+ 121			
2927	58 Leonis d	5.1	55	54.804	10.28	33	3.0989	- .0037	+ 6	+ 4	6	3.42	10.69	51	267	117	- 21			
2930	48 Ursæ Majoris β	2.4	56	25.050	11.50	4	3.6332	- .0619	+ 102	+56	51	54.11	11.48	4	279	137	+ 28			
2933	50 Ursæ Majoris a	2.0	58	10.972	11.07	4	3.7490	- .0806	- 168	+62	14	13.73	11.24	4	321	138	- 74			
	Piazzi X. 231	6.7	59	49.812	09.39	8	3.1535	- .0086		+13	9	8.42	09.39	8	359	111				
2942	63 Leonis χ	4.7	11	0 22.536	11.32	31	+3.1197	- .0055	- 233	+ 7	49	21.94	11.26	48	-19.372	- .109	- 47			
2950	65 Leonis ρ^3	5.7	2	18.794	10.74	5	3.0867	- .0025	- 251	+ 2	26	39.18	09.25	9	414	104	- 87			
2958	52 Ursæ Majoris ψ	3.2	4	36.467	09.85	10	3.3922	- .0363	- 55	+44	59	13.36	10.44	10	464	111	- 38			
2964	11 Crateris β	4.5	-7	13.830	11.54	4	2.9472	+ .0100	+ 1	-22	20	2.88	11.54	4	517	090	- 101			
2972	68 Leonis δ	2.6	9	19.444	11.48	54	3.1851	- .0129	+ 106	+21	1	1.21	11.24	59	558	094	- 145			
2973	Piazzi XI. 12	5.9	11	9 21.291	09.46	11	+3.1166	- .0054	+ 26	+ 8	33	12.45	09.46	11	-19.559	- .091	- 124			
2974	70 Leonis θ	3.4	9	31.140	11.64	3	3.1558	- .0097	- 43	+15	55	18.73	11.24	6	562	092	- 86			
2978	73 Leonis n	5.5	11	9.503	11.30	6	3.1419	- .0083	- 6	+13	47	55.50	10.80	8	593	089	- 26			
2980	Piazzi XI. 19	6.0	11	37.757	11.10	4	3.4057	- .0432	- 93	+49	58	3.40	10.96	4	601	096	- 19			
2982	74 Leonis ϕ	4.6	12	5.125	11.71	4	3.0572	+ .0008	- 75	- 3	9	34.34	11.72	8	609	085	- 44			
2983	75 Leonis	5.4	11	12 39.538	14.29	4	+3.0845	- .0020	+ 32	+ 2	30	20.09	14.29	4	-19.620	- .084	- 152			
2984	53 Ursæ Majoris ξ	4.4	13	22.981	11.41	7	3.2414	- .0210	- 333	+32	2	9.34	11.41	7	633	087	- 598			
	53 Ursæ Maj. (Comes) ξ	4.9	13	23.268	11.41	6	3.2414	- .0210	- 333	+32	2	6.78	11.41	7	633	087	- 598			
2985	54 Ursæ Majoris v	3.7	13	37.248	10.54	5	3.2509	- .0225	- 18	+33	35	7.40	10.54	5	637	087	+ 15			
2989	12 Crateris δ	3.8	14	50.412	10.88	33	3.0058	+ .0066	- 85	-14	17	28.64	10.22	49	658	078	+ 195			

49 Leonis. This is the principal star of the pair Σ 1450.
 54 Leonis. These stars form the pair Σ 1487.
 53 Ursæ Majoris. These stars form the binary Σ 1523.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion μ .0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion μ .001.
			h	m	s		Above Pole.	Below Pole.				°	'	"		Above Pole.	Below Pole.			
2990	77 Leonis..... σ	4.1	11	16	29.772	11.70	16	+3.1013	- .0040	- 63	+ 6	31	21.84	12.21	23	-19.686	- .077	- 15		
2993	Piazzi XI. 43.....	6.0	17	31.002	09.49	4	10	3.5965	- .0844	- 7	+64	49	23.40	10.66	4	35	703	088	+ 36	
2999	78 Leonis..... ι	3.9	19	14.041	10.11	18		3.1186	- .0063	+ 105	+11	1	30.81	10.86	23		730	072	- 85	
	78 Leonis (<i>Comes</i>)... ι	7.1	19	14.250	11.20	1		3.1186	- .0063	+ 105	+11	1	32.31	11.20	1		730	072	- 85	
3005	15 Crateris..... γ	4.1	20	23.085	11.31	4		3.0014	+ .0084	- 75	-17	11	22.09	11.31	4		747	067	- 3	
3011	80 Leonis.....	6.4	11	21 12.495	13.67	2		+3.0896	- .0025	- 51	+ 4	21	21.88	13.67	2		-19.760	- .067	- 49	
3014	83 Leonis.....	6.3	22	12.073	10.56	4		3.0859	.0021	- 482	+ 3	30	13.72	10.61	7		774	065	+ 173	
3015	83 Leonis (<i>Comes</i>) .	7.3	22	13.060	10.34	2		3.0859	.0021	- 478	+ 3	29	48.51	09.35	1		774	065	+ 165	
3021	84 Leonis..... τ	5.2	23	18.554	11.17	26		3.0850	.0019	+ 13	+ 3	21	7.25	10.73	26		790	063	- 19	
3028	58 Ursæ Majoris....	5.9	25	39.100	11.98	3		3.2630	.0319	- 48	+43	40	2.64	11.98	3		821	063	+ 71	
3029	87 Leonis..... e	5.1	11	25 42.955	11.74	2		+3.0638	+ .0012	+ 13	- 2	30	24.77	10.79	7		-19.822	- .058	- 17	
3031	1 Draconis..... λ	4.1	26	4.288	10.09	1	4	3.6091	- .1088	- 74	+69	49	40.55	11.11	1	16	827	069	- 24	
3042	Bradley 1580.....	3.7	28	34.460	14.34	1		2.9611	+ .0169	- 159	-31	21	34.29	14.34	1		858	051	- 51	
3044	89 Leonis.....	5.8	29	45.568	13.20	4		3.0834	- .0016	- 123	+ 3	33	36.43	13.20	4		872	051	- 111	
3058	91 Leonis..... v	4.5	32	20.443	10.12	30		3.0716	+ .0005	0	- 0	19	36.38	09.99	32		900	046	+ 35	
3067	1 Virginis..... ω	5.5	11	33 49.189	09.69	11		+3.0956	- .0042	- 8	+ 8	37	56.97	09.31	14		-19.915	- .043	- 6	
3081	3 Draconis.....	5.5	37	27.644	08.57	6	4	3.3852	- .0848	- 77	+67	14	35.39	09.84	6	10	949	040	+ 36	
3087	27 Crateris..... ζ	4.9	40	11.984	11.42	5		3.0354	+ .0102	+ 24	-17	51	0.67	11.42	5		971	030	- 39	
3088	2 Virginis..... ξ	5.1	40	38.758	10.14	6		3.0899	- .0039	+ 42	+ 8	45	30.87	10.94	8		974	030	- 27	
3089	3 Virginis..... ν	4.2	41	14.016	10.06	9		3.0860	- .0029	- 12	+ 7	2	1.62	10.65	17		979	028	- 187	
3090	63 Ursæ Majoris... χ	3.9	11	41 18.185	09.07	2	2	+3.1947	- .0347	- 136	+48	16	42.79	08.80	2	1	-19.979	- .030	+ 16	
3097	4 Virginis..... A^1	5.2	43	17.490	09.88	4		3.0875	- .0037	- 34	+ 8	44	45.22	09.88	4		19.993	024	+ 1	
	W.B. XI. 719.....	6.2	44	25.950	14.19	1		3.0728	+ .0010	- 148	+ 0	10	43.39	14.19	1		20.000	022	+ 7	
3101	94 Leonis..... β	2.2	44	28.231	11.42	79		3.0969	- .0071	- 342	+15	4	30.69	11.01	61		000	022	- 123	
3105	5 Virginis..... β	3.8	46	0.430	11.22	54		3.0757	- .0002	+ 495	+ 2	16	19.02	11.65	47		009	019	- 279	
3112	Groombridge 1830..	6.5	11	47 47.676	10.15	8		+3.1288	- .0233	+3402	+38	21	51.91	10.15	8		-20.018	- .016	-5804	
3117	64 Ursæ Majoris... γ	2.5	49	6.113	09.22	4	3	3.1606	- .0426	+ 107	+54	11	42.73	09.50	4	3	023	013	+ 3	
3123	95 Leonis..... o	5.5	51	2.894	11.38	11		3.0876	- .0073	+ 17	+16	8	51.76	11.04	16		031	009	- 7	
3132	Mayer 508.....	6.5	54	27.118	13.07	5		3.0731	+ .0011	- 45	+ 1	1	51.82	13.07	5		040	002	+ 18	
3135	7 Virginis..... b	5.2	55	20.340	08.53	7		3.0745	- .0006	- 11	+ 4	9	23.50	09.57	10		042	001	- 18	
3139	8 Virginis..... π	4.6	11	56 15.684	10.40	23		+3.0752	- .0021	- 3	+ 7	6	58.20	10.91	43		-20.043	- .001	- 33	
3140	Mayer 511.....	6.5	56	25.260	14.27	1		3.0720	+ .0024	- 10	- 1	15	53.11	14.27	1		044	+ .002	- 76	
3154	Groombridge 1850..	6.4	12	0 13.395	11.77	3	1	3.0512	- .4284	- 580	+86	5	9.14	11.80	12	11	046	009	+ 88	
3155	9 Virginis..... o	4.2	0	37.502	12.05	35		3.0719	- .0030	- 147	+ 9	13	58.37	11.78	50		046	010	+ 38	
3156	Groombridge 1852..	6.0	0	41.461	09.97	1	3	3.0546	- .1302	+ 441	+77	24	32.63	11.58	2	15	046	010	- 89	
3169	10 Virginis.....	6.1	12	5 4.605	10.35	9		+3.0713	+ .0009	+ 30	+ 2	24	11.44	10.03	15		-20.041	+ .019	- 184	
3171	11 Virginis.....	5.7	5	28.203	09.91	4		3.0690	- .0011	- 111	+ 6	18	26.30	09.91	4		040	019	+ 17	
3172	2 Corvi..... ϵ	3.2	5	29.644	10.31	24		3.0855	+ .0144	- 47	-22	7	8.89	11.33	31		040	019	+ 7	
3182	Bradley 1634.....	5.1	7	59.669	09.13	4	5	2.8508	- .1189	+ 32	+78	6	58.68	10.83	6	14	034	023	+ 18	
3186	1 Canum Venaticum.	6.3	10	16.077	10.28	3		2.9903	- .0363	- 11	+53	56	6.91	10.28	3		026	028	- 21	
3190	69 Ursæ Majoris... δ	3.4	12	10 58.602	10.59	2	3	+2.9719	- .0412	+ 137	+57	31	57.38	10.38	2	3	-20.023	+ .029	+ 3	
3191	4 Corvi..... γ	2.8	11	10.503	12.29	3		3.0925	+ .0117	- 112	-17	2	31.15	12.29	3		022	031	+ 11	
3193	2 Canum Venaticum.	5.8	11	37.123	10.29	3		3.0133	- .0225	+ 19	+41	9	40.71	10.29	3		020	031	- 46	
3202	13 Virginis.....	5.9	14	3.437	12.32	7		3.0729	+ .0028	+ 16	- 0	17	12.70	12.76	9		008	036	- 18	
3204	Bradley 1656.....	6.3	14	13.258	11.38	1	2	1.5212	+ .0087	+2610	+86	56	9.16	12.46	7	3	007	022	- 6	
3208	Bradley 1672.....	6.3	12	14 26.461	10.83	25	63	+0.3978	+ .7051	- 720	+88	11	55.57	10.59	143	134	-20.006	+ .012	+ 58	
3210	15 Virginis..... η	4.0	15	18.072	11.24	26		3.0728	+ .0028	- 41	- 0	10	0.06	10.95	31		20.001	038	- 25	
3213	16 Virginis..... c	5.1	15	46.706	08.86	9		3.0664	+ .0007	- 198	+ 3	48	49.13	08.86	9		19.998	039	- 78	
3224	12 Comæ.....	4.8	17	58.959	11.82	18		3.0206	- .0113	- 6	+26	20	43.90	11.82	18		984	043	- 14	
3240	14 Comæ.....	5.2	21	54.121	11.78	24		3.0054	- .0118	- 17	+27	46	0.52	11.78	24		955	050	- 18	

78 Leonis. These stars form the pair Σ 1536.
 83 Leonis. These stars form the pair Σ 1540.
 2 Canum Venaticum. This is the principal star of the pair Σ 1622, components 5.7 and 8.0.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "/>0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "/>0001.
			h	m	s		Above Pole.	Below Pole.				°	'	"		Above Pole.	Below Pole.			
3242	15 Comæ γ	4.6	12	22	27.261	12.20	14	+3.0007	-0.0124	-66	+28	46	7.27	12.20	14	-19.950	+0.051	-87		
3256	7 Corvi δ^2	3.1	25	12	32.8	10.24	24	3.1146	+0.0120	-144	-16	0	51.74	10.73	33	925	0.58	+143		
3260	74 Ursæ Majoris	5.4	25	45	40.0	09.97	1	2.8241	-0.0378	-87	+58	54	3.29	10.05	1	919	0.55	+82		
3279	8 Canum Venati β	4.3	29	28	27.5	10.79	2	2.9190	-0.0202	-629	+41	50	47.52	10.79	2	881	0.63	+281		
3281	5 Draconis κ	3.9	29	38	75.4	09.35	1	2.5914	-0.0530	-119	+70	17	3.52	10.07	1	879	0.57	+6		
3280	9 Corvi β	2.8	12	29	39.434	11.48	18	+3.1453	+0.0166	0	-22	53	56.59	10.83	27	-19.879	+0.068	-61		
3283	23 Comæ	4.8	30	22	09.0	11.54	4	2.9971	-0.0084	-52	+23	7	29.15	09.98	10	870	0.66	+7		
3285	24 Comæ	5.2	30	37	02.8	09.87	4	3.0115	-0.0061	+3	+18	52	21.39	10.64	7	867	0.67	+16		
3290	25 Virginis f	5.9	32	9	20.7	13.70	3	3.0900	+0.0064	-20	-5	20	8.33	13.70	3	849	0.72	+27		
3294	Piazzi XII. 142	6.0	33	46	97.1	09.43	9	3.0644	+0.0025	-57	+2	20	59.82	09.43	9	829	0.74	-27		
3297	9 Canum Venaticum	6.3	12	34	26.444	12.87	4	+2.8963	-0.0191	-19	+41	22	11.77	12.87	4	-19.820	+0.072	-31		
3298	26 Virginis χ	4.8	34	36	01.6	13.06	7	3.0990	+0.0077	-51	-7	30	0.97	12.09	13	818	0.76	+37		
3307	29 Virginis γ^1	3.7	37	5	83.2	09.06	7	3.0761	+0.0044	-376	-0	57	18.38	09.47	8	784	0.81	+4		
3307	29 Virginis γ^2	3.7	37	6	11.0	07.96	5	3.0761	+0.0044	-376	-0	57	23.68	07.96	5	784	0.81	+4		
3309	30 Virginis ρ	5.6	37	19	76.7	11.35	33	3.0314	-0.0016	+61	+10	43	53.62	11.17	55	781	0.80	-101		
3313	76 Ursæ Majoris	5.9	12	37	38.192	11.02	2	+2.6399	-0.0377	-38	+63	12	25.44	10.02	2	-19.776	+0.070	-19		
3318	Piazzi XII. 168	5.7	39	12	66.0	10.35	1	3.1926	+0.0207	-30	-27	49	48.82	10.35	1	753	0.88	-54		
3322	Groombridge 1922	5.5	40	54	17.6	10.51	3	2.8274	-0.0213	+5	+45	55	56.51	12.35	3	728	0.82	+3		
3323	32 Virginis d^2	5.2	41	4	23.7	10.69	3	3.0383	0.0000	-76	+8	9	55.78	12.17	5	725	0.87	+1		
3330	Mayer 537	6.3	42	54	33.2	12.94	6	3.0978	+0.0072	-1	-5	48	33.40	13.15	8	696	0.93	-50		
3331	35 Virginis	6.7	12	43	16.456	11.62	18	+3.0547	+0.0022	-3	+4	3	50.55	11.39	38	-19.690	+0.092	-12		
3347	31 Comæ	5.1	47	18	96.3	11.38	47	2.9266	-0.0095	-12	+28	1	49.49	11.19	71	620	0.96	-26		
3356	Bradley 1731	5.3	48	27	58.5	10.04	2	0.4475	+0.1990	-180	+83	54	7.48	10.27	9	600	0.22	+15		
3353	38 Virginis	6.2	48	34	63.8	10.05	10	3.0876	+0.0061	-175	-3	3	50.96	10.05	10	597	1.03	-13		
3353	Lalande 24015	6.5	48	59	59.0	11.27	1	3.0910	+0.0065	-25	-3	44	2.95	11.24	2	590	1.04	-70		
3362	40 Virginis ψ	4.9	12	49	40.318	10.59	4	+3.1183	+0.0093	-16	-9	3	0.76	09.92	10	-19.577	+0.106	-21		
3363	77 Ursæ Majoris ϵ	1.7	50	4	41.0	09.82	4	2.6358	-0.0269	+139	+56	26	53.66	09.66	4	570	0.92	-11		
3367	43 Virginis δ	3.7	51	4	18.3	11.07	21	3.0524	+0.0027	-317	+3	53	10.93	10.86	32	550	1.07	-64		
3371	12 Canum Venati a	2.9	51	49	20.3	10.73	4	2.8316	-0.0150	-199	+38	48	15.34	10.73	4	536	1.01	+43		
3372	8 Draconis	5.3	51	53	70.9	09.65	1	2.4009	-0.0317	-5	+65	55	35.62	11.93	1	534	0.87	-35		
3375	44 Virginis k	5.9	12	55	1.263	11.20	3	+3.0910	+0.0066	-19	-3	19	35.12	12.28	6	-19.471	+0.115	-4		
3378	46 Virginis	6.1	55	57	79.4	08.67	7	3.0888	+0.0064	-20	-2	53	5.07	08.75	8	451	1.17	+46		
3383	47 Virginis ϵ	3.0	57	41	82.6	11.50	49	3.0051	-0.0005	-185	+11	26	33.82	10.95	60	414	1.18	+17		
3388	48 Virginis	6.5	59	16	10.3	10.66	6	3.0915	+0.0067	-30	-3	10	45.03	09.52	9	379	1.23	-40		
3392	14 Canum Venaticum	5.1	13	1	32.030	10.42	6	+2.8123	-0.0122	-21	+36	16	48.76	10.42	6	328	+0.117	+10		
3407	Groombridge 2006	8.0*	13	3	5.747	12.38	1	-8.0794	+5.5273	-130	+88	7	58.48	10.71	5	-19.290	-0.312	+12		
3403	49 Virginis g	5.3	3	10	81.0	14.27	1	+3.1383	+0.0106	+10	-10	15	34.85	14.27	1	289	+0.133	-18		
3404	B.F. 1805	5.7	3	50	82.0	12.25	1	3.1274	+0.0098	-23	-8	30	9.08	13.01	3	273	1.34	-71		
3408	50 Virginis	6.2	5	2	55.0	13.40	1	3.1375	+0.0105	-1	-9	50	56.61	13.33	3	244	1.36	-23		
3409	51 Virginis θ	4.4	5	17	33.3	10.90	29	3.1057	+0.0080	-26	-5	3	31.24	10.34	44	238	1.35	-42		
3411	15 Canum Venaticum	6.2	13	5	33.660	10.36	1	+2.7671	-0.0131	-12	+39	0	46.96	10.36	1	-19.231	+0.122	-4		
3415	17 Canum Venaticum	6.0	5	55	39.0	10.36	1	2.7658	-0.0130	-63	+38	58	36.88	10.36	1	222	1.22	+28		
3424	43 Comæ β	4.3	7	40	46.4	12.38	61	2.8628	-0.0077	-604	+28	20	3.15	12.44	65	178	1.30	+875		
3439	19 Canum Venaticum	5.7	11	29	27.4	10.82	12	2.7118	-0.0132	-104	+41	19	49.57	10.94	13	079	1.29	-1		
3446	60 Virginis σ	5.0	13	3	59.7	10.59	7	3.0289	+0.0029	-9	+5	56	38.08	10.90	27	036	1.46	+9		
3447	20 Canum Venaticum	4.7	13	13	30.488	09.82	4	+2.7056	-0.0129	-111	+41	2	46.19	10.50	5	-19.024	+0.132	+4		
3448	61 Virginis	4.8	13	41	68.2	12.31	4	3.2082	+0.0156	-754	-17	48	38.43	12.31	4	019	1.56	-1084		
3449	46 Hydræ γ	3.3	14	1	53.3	11.61	3	3.2499	+0.0189	+48	-22	41	48.35	11.61	3	009	1.58	-51		
3452	Centauri t	2.9	15	32	01.5	09.32	2	3.3895	+0.0306	-281	-36	14	9.92	09.32	2	18.967	1.68	-94		
3455	23 Canum Venaticum	5.7	16	17	07.6	10.33	5	2.6979	-0.0123	-51	+40	37	21.58	10.33	5	946	1.37	-20		

24 Comæ. This is the principal star of the pair Σ 1657, components 6.8 and 5.3.
 29 Virginis. These stars form the binary Σ 1670.
 17 Canum Venaticum. This is the principal star of the pair β 608.

12 Canum Venaticum. This is the principal star of the pair Σ 1692, components 5.4 and 2.9.
 48 Virginis. This star is the close double β 929, components 7.7 and 7.7.

Magnitude marked * taken from B. D. Catalogue.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion μ .0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion μ .001.
			h	m	s		Above Pole.	Below Pole.				°	'	"		Above Pole.	Below Pole.			
3470	Piazzì XIII. 67.....	6.8	13	17	50.497	12.55	3	+3.1172	+ .0087	- 58	- 5	43	40.66	12.72	4	-18.901	+ .159	- 151		
3470	Groombridge 2007 ..	7.4	18	14.580	11.43	4	-2.2841	+ .8459	-1030	+85	13	29.92	12.16	8	3	889	- 104	+ 26		
3467	65 Virginis.....	5.9	18	38.978	08.83	10	+3.1075	+ .0082	- 16	- 4	27	13.62	09.06	11	3	877	+ .160	- 20		
3471	66 Virginis.....	5.8	19	51.995	08.78	4	3.1100	+ .0089	+ 100	- 4	41	37.72	08.78	4	1	841	163	- 40		
3474	79 Ursæ Majoris .. ζ^1	2.4	20	18.193	10.13	2	2.4076	- .0167	+ 148	+55	23	42.38	10.01	2	1	828	129	- 30		
3475	79 Ursæ Majoris .. ζ^2	4.0	13	20 19.190	07.44	1	+2.4076	- .0167	+ 155	+55	23	29.92	07.44	1	1	-18.828	+ .129	- 35		
3476	67 Virginis..... <i>a</i>	1.2	20	26.997	11.05	72	3.1593	+ .0117	- 28	-10	41	30.24	10.53	89	3	824	166	- 36		
3481	68 Virginis..... <i>i</i>	5.6	21	57.907	11.98	3	3.1740	+ .0125	- 92	-12	14	21.96	11.88	7	10	778	170	- 22		
3488	Piazzì XIII. 109....	6.1	23	50.170	13.14	2	1.5227	+ .0077	+ 56	+72	51	30.99	11.87	2	10	720	087	- 17		
3487	70 Virginis.....	5.2	24	1.722	09.58	5	2.9507	- .0002	- 167	+14	15	33.56	11.16	15	1	714	162	- 586		
3495	72 Virginis..... <i>U</i>	6.1	13	25 43.884	10.23	5	+3.1239	+ .0093	+ 26	- 6	0	21.38	10.23	5	1	-18.660	+ .174	+ 11		
3498	73 Virginis.....	5.9	27	11.492	08.43	1	3.2363	+ .0164	- 63	-18	15	55.03	08.43	1	1	613	183	- 23		
3502	Lacaille 5580.....	5.7	27	34.983	10.99	3	3.3400	+ .0237	- 83	-28	13	44.31	10.99	3	1	600	190	- 21		
3504	76 Virginis..... <i>h</i>	5.4	28	13.533	11.75	3	3.1583	+ .0114	- 20	- 9	42	5.22	11.75	3	1	579	181	- 44		
3508	79 Virginis..... ζ	3.4	30	6.353	10.61	34	3.0737	+ .0066	- 191	- 0	8	9.53	10.45	34	1	517	180	+ 34		
3509	81 Ursæ Majoris	5.5	13	30 39.745	09.05	1	+2.3146	- .0137	- 20	+55	48	33.39	09.49	1	1	-18.498	+ .138	- 10		
3511	Piazzì XIII. 136....	5.0	30	46.740	12.25	1	2.6748	- .0090	+ 70	+37	38	34.29	12.25	1	1	494	158	- 19		
3510	80 Virginis.....	5.8	30	50.254	08.15	11	3.1171	+ .0090	+ 13	- 4	56	16.64	08.05	11	1	492	183	+ 72		
3518	25 Canum Venaticum	4.9	33	27.770	10.32	4	2.6767	- .0084	- 86	+36	45	8.32	10.32	4	1	402	163	+ 14		
3527	Groombridge 2029 ..	5.7	35	0.970	09.08	1	1.4448	+ .0124	- 80	+71	42	0.24	09.48	3	3	348	093	- 7		
3534	82 Virginis..... <i>m</i>	5.2	13	36 53.205	11.26	36	+3.1520	+ .0108	- 69	- 8	14	56.83	10.78	36	1	-18.281	+ .196	+ 36		
3540	Mayer 565.....	6.4	39	13.167	08.29	5	3.1220	+ .0093	- 32	- 5	2	44.78	08.57	4	1	197	199	- 26		
3542	83 Virginis.....	5.7	39	38.333	12.32	6	3.2310	+ .0151	+ 5	-15	43	35.39	12.32	6	1	181	206	- 5		
3548	86 Virginis.....	5.8	41	8.443	13.77	7	3.1936	+ .0131	- 16	-11	58	32.22	13.94	10	1	125	206	0		
3551	B. F. 1886.....	6.2	42	27.874	11.93	5	3.1667	+ .0115	+ 8	- 9	15	31.08	11.93	5	1	076	207	- 40		
3558	4 Boötis..... τ	4.5	13	42 59.138	10.84	38	+2.8849	- .0006	- 340	+17	54	18.40	10.61	52	1	-18.056	+ .190	+ 26		
3563	88 Virginis..... <i>n</i>	6.5	43	35.435	10.40	4	3.1379	+ .0101	- 30	- 6	23	18.18	11.20	5	1	033	208	- 28		
3566	85 Ursæ Majoris ... η	1.9	43	59.677	10.35	3	2.3802	- .0101	- 121	+49	45	43.96	09.92	5	3	017	160	- 21		
3571	89 Virginis.....	5.1	44	58.722	11.79	5	3.2610	+ .0165	- 69	-17	41	9.11	11.79	5	1	17.979	218	- 43		
3589	10 Draconis..... <i>i</i>	4.8	48	48.193	09.56	4	1.7524	- .0004	+ 4	+65	10	3.32	09.15	4	7	829	124	- 3		
3588	7 Boötis.....	5.7	13	48 54.965	11.36	3	+2.8694	- .0004	- 27	+18	22	34.11	11.11	5	1	-17.825	+ .199	- 13		
3595	Bradley 1820.....	6.2	50	14.847	10.32	3	3.1552	+ .0109	- 110	- 7	36	57.01	10.32	3	1	771	220	- 30		
3596	8 Boötis..... η	2.8	50	23.979	10.58	60	2.8611	- .0005	- 45	+18	50	54.83	10.00	68	1	765	201	- 367		
3600	92 Virginis.....	5.9	51	52.725	11.37	6	3.0562	+ .0065	- 23	+ 1	29	25.36	11.51	6	1	704	217	+ 12		
3604	47 Hydræ.....	5.2	53	28.005	10.63	4	3.3623	+ .0215	- 36	-24	31	58.12	10.63	4	1	639	240	- 41		
3607	W.B. XIII. 878	7.0	13	54 16.362	11.29	4	+3.1451	+ .0103	- 6	29	8.42	11.69	5	1	-17.606	+ .227	- 111			
3609	48 Hydræ.....	5.8	54	57.570	10.08	3	3.3663	+ .0214	- 152	-24	34	16.86	10.08	3	1	577	243	- 111		
3612	Mayer 572.....	6.7	55	19.905	11.61	4	3.1599	+ .0111	- 17	- 7	43	26.18	11.61	4	1	561	230	- 59		
3613	93 Virginis..... τ	4.3	57	3.922	10.32	26	3.0499	+ .0065	+ 13	+ 1	58	47.21	10.35	32	1	487	225	- 25		
3613	11 Boötis.....	6.1	57	5.657	12.47	37	2.7276	- .0031	- 60	+27	49	15.99	12.36	41	1	486	202	+ 3		
3616	Piazzì XIII. 286....	6.4	13	59 34.520	13.33	3	+3.2452	+ .0149	- 26	-14	32	21.69	13.33	3	1	-17.379	+ .243	- 29		
3617	Mayer 573.....	6.5	59	35.438	10.73	5	3.1759	+ .0118	- 27	- 8	49	31.56	10.73	5	1	378	238	- 7		
3622	Lalande 25842.....	6.4	14	0 19.728	14.36	4	3.2634	+ .0157	- 37	-15	54	18.07	14.36	4	1	346	246	- 12		
3624	49 Hydræ..... π	3.5	1	14.520	13.42	1	3.4051	+ .0228	+ 31	-26	14	54.08	13.42	1	1	306	258	- 160		
3624	94 Virginis.....	6.6	1	31.703	11.44	21	3.1731	+ .0116	- 5	- 8	27	44.63	10.68	28	1	293	241	+ 9		
3625	95 Virginis.....	5.5	14	1 57.100	09.35	3	+3.1785	+ .0118	- 97	- 8	53	3.04	09.97	4	1	-17.274	+ .242	+ 4		
3626	11 Draconis..... <i>a</i>	3.6	1	57.113	09.95	6	1.6312	+ .0047	- 81	+64	48	21.21	11.03	5	12	274	128	+ 15		
3629	96 Virginis.....	6.5	4	12.758	11.09	5	3.1929	+ .0124	- 3	- 9	54	29.94	11.09	5	1	173	248	+ 16		
3630	Piazzì XIII. 316....	5.4	4	19.920	10.42	2	2.3996	- .0061	+ 4	+44	16	56.03	10.42	2	1	168	188	- 37		
3632	Mayer 578.....	5.1	5	55.394	13.48	7	3.2710	+ .0157	+ 11	-15	52	37.47	13.48	7	1	096	256	- 22		

79 Ursæ Majoris. These stars form the pair Σ 1744.
 25 Canum Venaticum. This star is the close double Σ 1768, components 5.0 and 8.5.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R. A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.
			h	m	s		Above Pole.	Below Pole.				o	'	"	Above Pole.	Below Pole.			
3635	12 Boötis	d	4.8	14 6	17.684	11.92	46	+2.7385	- .0017	- 17	+25 31	4.15	12.00	48	-17.078	+ .216	- 72		
3642	98 Virginis	κ	4.3	8	5.563	10.57	19	+3.1956	+ .0124	+ 5	- 9 51	18.20	10.29	22	16.995	+ 254	+ 130		
3649	4 Ursæ Minoris		5.0	9	11.133	08.85	2	-0.2782	+ .1491	- 89	+77 58	13.64	09.14	16	945	- .015	+ 26		
3660	99 Virginis	ι	4.2	11	17.675	10.68	4	+3.1432	+ .0103	- 12	- 5 34	16.78	11.10	6	846	+ .256	- 427		
3662	16 Boötis	a	0.2	11	33.375	11.10	150	2.8134	+ .0005	- 780	+19 39	2.32	10.74	172	833	230	-2003		
	W.B. XIV. 157.....		6.7	14 12	35.650	08.29	1	+3.1831	+ .0118	- 10	- 8 36	20.51	08.29	1	-16.783	+ .261	+ 20		
3666	19 Boötis	λ	4.3	12	57.897	08.70	1	2.3005	- .0050	- 179	+46 30	5.38	10.47	1	766	191	+ 151		
3667	21 Boötis	ι	4.8	12	58.910	10.23	1	2.1421	- .0043	- 157	+51 46	55.56	10.23	1	765	178	+ 86		
3669	Lalande 26150		5.7	13	39.550	13.30	2	3.3159	+ .0172	- 40	-18 17	58.79	13.30	2	732	273	- 41		
3672	100 Virginis	λ	4.6	14	14.287	11.26	11	3.2425	+ .0140	- 15	-12 57	25.24	11.11	21	705	268	+ 23		
3691	2 Libræ		6.3	14 18	34.960	09.74	4	+3.2243	+ .0132	- 10	-11 18	11.37	11.36	16	-16.492	+ .274	- 64		
3695	Piazzi XIV. 68		5.4	19	40.405	11.84	2	3.4195	+ .0214	- 55	-24 23	52.26	11.84	2	437	292	- 31		
3698	Bradley 1861		6.5	19	50.498	10.34	6	3.2250	+ .0133	- 47	-11 15	40.45	10.34	6	429	276	- 43		
3704	23 Boötis	θ	4.1	22	7.880	10.14	1	2.0688	- .0025	- 260	+52 15	59.84	09.54	1	313	182	- 406		
3705	22 Boötis	f	5.4	22	16.191	09.79	17	2.7952	+ .0011	- 52	+19 37	52.36	10.00	33	306	244	+ 15		
3710	105 Virginis	φ	5.0	14 23	33.875	11.85	2	+3.0975	+ .0088	- 89	- 1 49	29.43	09.13	4	-16.240	+ .271	- 10		
3715	24 Boötis	g	5.6	25	29.843	13.31	1	2.1196	- .0025	- 320	+50 14	50.26	13.31	1	140	190	- 54		
	Groombridge 2116 ..		6.5	26	4.055	09.42	2	+2.3514	- .0032	+ 114	+42 12	7.08	09.42	2	111	+ 211	- 194		
3718	5 Ursæ Minoris		4.4	27	42.218	09.98	2	-0.1708	+ .1167	+ 34	+76 5	46.18	10.41	15	025	- 008	+ 17		
3717	25 Boötis	ρ	3.8	27	57.061	11.68	43	+2.5938	- .0015	- 78	+30 45	58.38	11.69	65	012	+ 234	+ 110		
3722	27 Boötis	γ	3.0	14 28	27.248	10.13	4	+2.4265	- .0027	- 95	+38 42	5.18	10.13	4	-15.986	+ .220	+ 144		
3723	Piazzi XIV. 126		6.2	29	16.110	08.65	2	1.6334	+ .0060	- 64	+60 37	19.13	08.95	2	943	151	+ 19		
3729	28 Boötis	σ	4.5	30	45.694	11.46	27	2.5982	- .0011	+ 149	+30 8	9.04	11.66	29	863	238	+ 120		
3734	Mayer 592		6.2	32	12.386	09.54	14	3.2464	+ .0137	- 594	-11 55	22.93	09.54	14	786	298	+ 364		
3744	33 Boötis		5.4	35	29.287	07.69	4	2.2399	- .0021	- 69	+44 47	33.57	07.69	4	607	212	- 29		
3749	29 Boötis	π	4.9	14 36	29.775	10.93	4	+2.8178	+ .0025	+ 11	+16 48	13.70	09.30	9	-15.551	+ .266	+ 2		
3750	29 Boötis (Comes) ..	π	5.8	36	30.260	13.47	2	2.8178	+ .0025	- 13	+16 48	12.08	13.47	2	551	266	+ 6		
3752	30 Boötis	ζ	3.9	36	51.033	10.00	4	2.8601	+ .0033	+ 38	+14 6	50.29	10.00	4	532	270	- 27		
3758	107 Virginis	μ	4.0	38	18.937	11.44	3	3.1509	+ .0104	+ 71	- 5 16	1.90	11.70	4	450	299	- 322		
3761	34 Boötis		4.9	39	28.051	13.20	16	2.6377	+ .0002	- 8	+26 54	36.48	12.87	21	385	253	- 21		
3771	36 Boötis	ε ¹	5.1	14 41	3.310	08.71	3	+2.6238	+ .0002	- 36	+27 27	13.88	09.18	4	-15.297	+ .254	+ 8		
3771	36 Boötis	ε ²	2.7	41	3.405	11.03	84	2.6238	+ .0002	- 36	+27 27	11.71	10.62	125	297	254	+ 8		
3769	Mayer 596		6.4	41	4.402	11.90	2	3.4005	+ .0186	- 37	-20 47	40.43	11.90	2	296	327	- 118		
3772	109 Virginis		3.8	41	41.890	07.47	1	3.0381	+ .0074	- 76	+ 2 16	18.64	12.25	5	260	294	- 38		
3773	Mayer 597		6.1	42	6.600	13.22	1	3.4049	+ .0187	- 15	-20 56	49.89	13.22	1	237	329	- 6		
3779	W.B. XIV. 739.....		6.4	14 43	0.176	09.48	5	+3.2653	+ .0138	+ 13	-12 27	41.54	09.48	5	-15.186	+ .317	- 83		
3785	7 Libræ	μ	5.4	44	22.950	11.27	2	3.2879	+ .0145	- 42	-13 46	27.94	11.27	2	107	322	- 25		
3785	Groombridge 2152 ..		6.0	45	34.645	12.40	2	2.3775	- .0010	- 216	+38 10	54.08	12.40	2	038	236	+ 105		
3784	8 Libræ		5.3	45	42.370	09.41	2	3.3198	+ .0155	- 71	-15 37	25.61	09.41	2	031	327	- 78		
3787	9 Libræ	a	2.9	45	53.817	11.15	27	3.3208	+ .0155	- 74	-15 40	5.18	10.88	32	019	327	- 76		
3798	37 Boötis	ξ	4.7	14 47	14.110	12.39	4	+2.7575	+ .0022	+ 92	+19 28	27.16	11.68	8	-14.942	+ .274	- 106		
3798	37 Boötis (Comes) ..	ξ	6.6	47	14.150	11.41	1	2.7575	+ .0022	+ 92	+19 28	26.59	11.41	1	942	274	- 106		
3803	Piazzi XIV. 217		5.7	49	9.270	11.54	2	1.5362	+ .0089	- 169	+59 39	34.20	11.63	2	829	157	+ 126		
3804	13 Libræ	ξ ¹	5.8	49	29.588	09.97	12	+3.2563	+ .0132	- 42	-11 31	53.40	10.01	17	809	+ 326	- 22		
3809	7 Ursæ Minoris	β	2.2	50	57.493	09.23	11	-0.2032	+ .0994	- 74	+74 31	24.11	10.43	25	722	- 014	+ 5		
3810	15 Libræ	ξ ²	5.6	14 51	52.946	11.08	21	+3.2503	+ .0130	- 1	-11 2	48.54	10.65	33	-14.668	+ .329	- 2		
3811	Piazzi XIV. 221		5.8	51	58.257	10.05	3	2.8316	+ .0035	- 13	+14 48	34.73	09.87	4	662	288	- 16		
3823	18 Libræ		6.0	54	1.360	08.34	5	3.2477	+ .0130	- 72	-10 46	57.32	08.34	5	540	332	- 76		
3827	Piazzi XIV. 260		4.9	56	8.874	10.77	4	0.9572	+ .0277	- 124	+66 17	26.15	11.23	4	411	103	+ 32		
3825	19 Libræ	δ	Var.	56	9.724	12.06	8	3.2058	+ .0117	- 46	- 8 9	43.79	12.71	13	410	331	- 11		

21 Boötis. This is the principal star of the pair Σ 3124, components 4.8 and 7.5.
 Bradley 1861. This star is the close double Σ 1837, components 6.8 and 8.7.
 29 Boötis. These stars form the pair Σ 1864.
 30 Boötis. This star is the close double Σ 1865, components 4.4 and 4.8.

36 Boötis. These stars form the pair Σ 1877.
 7 Libræ. This star is the close double β 106, components 5.8 and 6.6.
 37 Boötis. These stars form the pair Σ 1888. Magnitudes from Struve
 19 Libræ. The limits of magnitude are 4.8 and 6.2, period 2d.3+.

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			h	m	s		Above Pole.	Below Pole.				o	'	"		Above Pole.	Below Pole.			
3836	42 Boötis.....β	3.6	14	58	33.325	11.08	4	+ 2.2635	+ .0000	- 40	+40	44	42.41	11.08	4		-14.264	+ .238	- 43	
3837	20 Libræ.....	3.4		58	48.000	09.88	2	3.5094	.0209	- 56	-24	55	43.63	09.88	2		249	366	- 55	
3842	43 Boötis.....ψ	4.7	15	0	35.311	10.62	47	2.5836	.0012	- 133	+27	17	53.42	10.30	73		139	273	- 20	
3847	44 Boötis.....	4.9		0	49.515	09.77	1	2.0190	.0015	- 386	+48	0	15.70	11.54	1	(I)	123	215	+ 31	
	Lalande 27453.....	6.1		1	15.350	13.33	5	3.4503	.0185	+ 65	-21	40	55.85	13.33	5		097	364	- 51	
3849.	21 Libræ.....ν ¹	5.3	15	1	36.283	09.59	3	+ 3.3437	+ .0154	- 33	-15	54	29.67	09.59	3		-14.075	+ .353	- 34	
3850	22 Libræ.....ν ²	6.5		1	47.044	10.92	5	3.3480	.0154	- 45	-16	8	10.15	10.92	5		063	354	- 24	
3855	45 Boötis.....ε	5.0		3	20.910	11.13	16	+ 2.6210	.0017	+ 138	+25	13	9.32	11.13	16		13.966	+ 280	- 183	
3877	Groombridge 2283..	7.2		5	58.606	10.79	4	-19.8593	6.7928	- 80	+87	34	47.12	10.14	101	81	801	-2.094	+ 19	
	Lalande 27640.....	6.9		6	48.010	09.26	1	+ 3.3481	+ .0151	+ 34	-15	49	9.87	09.26	1		748	+0.361	+ 8	
3866	24 Libræ.....λ ¹	4.7	15	7	5.301	08.97	14	+ 3.4164	+ .0171	- 26	-19	27	5.61	08.85	16		-13.730	+ .369	- 49	
3868	25 Libræ.....λ ²	6.1		8	11.490	12.01	3	3.4152	.0169	- 36	-19	18	33.80	12.01	3		659	370	- 45	
3875	26 Libræ.....	6.3		9	28.955	10.46	2	3.3813	.0158	- 16	-17	25	57.36	10.46	2		576	368	- 17	
3882	3 Serpentis.....	5.4		10	42.915	10.94	2	2.9813	.0066	- 14	+ 5	16	23.31	12.70	4		497	327	- 9	
3884	Mayer 611.....	5.7		11	9.784	13.55	5	3.4738	.0184	- 31	-22	4	0.82	13.55	5		468	381	0	
3887	49 Boötis.....δ	3.5	15	11	52.388	10.85	4	+ 2.4117	+ .0010	+ 71	+33	38	59.94	10.85	4		-13.421	+ .267	- 127	
3890	27 Libræ.....β	2.7		12	9.717	10.55	24	3.2308	.0117	- 67	- 9	3	4.47	09.94	30		403	356	- 30	
3893	Groombridge 2214..	5.2		13	35.997	09.37	1	0.6372	.0376	+ 382	+67	41	18.20	09.52	1	14	309	075	- 404	
3900	28 Libræ.....	6.2		15	47.342	10.51	5	3.3966	.0158	- 12	-17	49	55.31	10.63	6		165	379	- 67	
3902	29 Libræ.....ρ ¹	6.1		15	59.305	08.71	2	+ 3.3470	.0144	+ 18	-15	13	26.82	08.71	2		152	+ 374	+ 12	
3912	11 Ursæ Minoris...	5.1	15	17	9.547	09.22	3	- 0.0734	+ .0730	+ 44	+72	9	1.53	11.15	8	7	-13.074	- .003	+ 5	
3913	30 Libræ.....σ ²	6.6		18	0.474	10.39	20	+ 3.3413	.0142	- 1	-14	48	47.54	10.29	22		018	+ .376	+ 1	
3917	Mayer 616.....	5.8		18	58.822	08.72	3	3.2901	.0129	- 26	-12	2	56.49	09.94	9		12.957	372	- 48	
3923	2 Coronæ.....η	5.1		19	29.218	09.89	5	+ 2.4679	.0017	+ 101	+30	36	44.30	11.20	7		920	+ 281	- 198	
3928	13 Ursæ Minoris...γ	3.1		20	51.662	09.16	5	- 0.1175	.0735	- 26	+72	9	15.35	10.51	14	11	827	- .008	+ 12	
3926	51 Boötis.....μ	4.5	15	21	5.420	10.83	5	+ 2.2783	+ .0014	- 126	+37	41	32.77	10.83	5		-12.813	+ .261	+ 78	
3931	9 Serpentis.....τ ¹	5.5		21	36.888	09.14	4	2.7822	.0040	- 14	+15	44	38.99	10.56	18		777	318	- 26	
3936	12 Draconis.....	3.5		22	55.528	11.96	3	1.3313	.0132	- 6	+59	16	51.92	11.62	3	3	688	156	+ 9	
3935	32 Libræ.....ζ ¹	5.6		23	10.714	11.45	18	3.3774	.0147	+ 11	-16	24	11.08	11.01	31		671	387	- 43	
3940	3 Coronæ.....β	3.7		24	7.047	12.64	32	2.4867	.0019	- 133	+29	24	56.27	12.77	35		607	287	+ 76	
3943	Mayer 622.....	5.5	15	27	26.405	12.91	2	+ 3.4419	+ .0161	- 14	-19	21	51.40	12.91	2		-12.380	+ .400	- 43	
3945	52 Boötis.....ν ¹	5.2		27	41.730	07.50	2	2.1535	.0021	+ 9	+41	8	22.60	07.50	2		362	252	- 15	
3949	53 Boötis.....ν ²	5.0		28	33.520	11.96	2	2.1487	.0022	- 20	+41	12	16.09	11.96	2		303	253	- 15	
3953	4 Coronæ.....θ	4.2		29	18.007	12.56	19	2.4202	.0019	- 20	+31	39	45.13	12.63	21		252	284	- 26	
3959	38 Libræ.....γ	4.0		30	29.330	09.36	4	3.3469	.0135	+ 45	-14	29	23.28	10.45	12		170	393	- 1	
3961	5 Coronæ.....α	2.3	15	30	52.624	11.01	108	+ 2.5303	+ .0024	+ 90	+27	1	1.76	10.87	174		-12.142	+ .299	- 102	
3962	39 Libræ.....	3.8		31	33.460	07.40	3	3.6353	.0209	- 7	-27	50	14.21	07.40	3		095	428	- 5	
	Groombridge 2253..	6.8		32	4.797	12.09	3	2.0606	.0027	- 37	+43	27	54.70	12.09	3		058	245	+ 46	
3971	Lalande 28414.....	5.8		32	30.470	12.22	2	3.5229	.0177	- 22	-22	50	35.41	12.30	3		029	416	- 86	
	B.D. -20° 4285.....	5.9		33	2.285	12.91	2	3.4776	.0165		-20	43	10.41	12.91	2		11.992	411		
3982	Lalande 28466.....	6.2	15	34	3.570	13.45	2	+ 3.5254	+ .0176	- 17	-22	51	21.59	13.45	2		-11.920	+ .418	- 34	
	15 Ursæ Minoris..θ	5.3		34	3.976	10.01	1	- 1.8346	.1882	- 137	+77	38	57.73	11.17	19	16	920	- 210	+ 6	
3979	54 Boötis.....φ	5.4		34	35.676	10.62	7	+ 2.1484	.0024	+ 55	+40	38	46.15	10.62	7		882	+ 257	+ 47	
	7 Coronæ (Comes) ζ	6.0		35	58.870	11.12	6	2.2599	.0022	- 9	+36	55	42.61	11.32	7		784	272	- 8	
3988	7 Coronæ.....ξ	5.1		35	59.315	10.98	6	2.2600	.0022	- 9	+36	55	38.98	11.58	10		784	272	- 8	
3990	43 Libræ.....κ	5.0	15	36	45.509	10.42	7	+ 3.4539	+ .0155	- 32	-19	23	15.43	09.97	9		-11.729	+ .413	- 119	
3994	21 Serpentis.....ι	4.5		37	32.303	10.21	4	2.6780	.0035	- 51	+19	57	35.04	09.43	12		674	322	- 55	
3998	8 Coronæ.....γ	3.9		38	57.745	11.44	15	2.5265	.0027	- 75	+26	34	49.33	10.94	20		572	306	+ 30	
3997	44 Libræ.....η	5.6		39	0.470	07.77	2	3.3728	.0135	- 27	-15	23	10.67	07.77	2		569	407	- 78	
4001	24 Serpentis.....α	2.8		39	50.048	10.71	64	2.9438	.0062	+ 90	+ 6	42	29.55	10.30	90		510	356	+ 38	

44 Boötis. This is the principal star of the pair Σ 1909, components 6.2 and 5.2.
 2 Coronæ. This star is the close double Σ 1937, components 5.7 and 6.2.
 8 Coronæ. This star is the close double Σ 1967.

7 Coronæ. These stars form the pair Σ 1965.
 21 Serpentis. This star is the close double Hussey 580, components 5.4 and 5.4.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.
							Above Pole.	Below Pole.								Above Pole.	Below Pole.			
4009	28 Serpentisβ	3.7	15 42 1.989	11.76	17	+2.7628	+ .0043	+ 49	+15 42 11.13	11.73	19	-11.352	+ .337	- 57						
4015	35 Serpentisκ	4.3	44 41.321	10.49	9	2.7028	.0038	- 32	+18 25 8.43	11.00	11	160	332	- 101						
	Lalande 28780	6.7	44 43.307	10.32	4	3.4253	.0142	+ 42	-17 37 38.73	10.32	4	157	420	- 1						
4016	32 Serpentisμ	3.6	44 55.330	11.04	4	3.1337	.0088	- 59	- 3 9 19.05	12.64	12	143	385	- 28						
4021	Piazzi XV. 198	5.1	45 17.577	11.90	2	0.9013	.0222	+ 52	+62 52 38.43	11.88	2	116	114	- 60						
4019	1 Scorpiib	4.8	15 45 33.775	13.94	2	+3.6029	+ .0182	- 17	-25 28 41.57	13.94	2	-11.096	+ .442	- 35						
4026	37 Serpentisε	3.8	46 19.723	10.88	43	+2.9798	.0066	+ 83	+ 4 44 53.31	10.65	43	040	+ 367	+ 57						
4035	16 Ursæ Minorisζ	4.3	47 15.137	08.24	5	-2.2218	.1993	+ 80	+78 4 18.47	10.42	14	8	10.973	- 267						
4033	45 Libræλ	5.1	48 6.390	11.09	3	+3.4783	.0150	- 10	-19 53 53.20	11.09	3	910	+ 430	- 34						
4038	Piazzi XV. 192	5.4	48 34.310	11.70	2	3.5655	.0170	- 19	-23 42 38.64	11.96	3	876	441	- 39						
4039	46 Libræθ	4.3	15 48 41.950	09.29	2	+3.4044	+ .0134	+ 69	-16 27 56.27	10.99	6	-10.867	+ .422	+ 120						
4042	1 Herculisχ	4.6	49 33.770	13.96	2	2.0336	.0034	+ 400	+42 42 11.43	13.96	2	803	254	+ 620						
4043	47 Libræ	5.9	49 48.176	10.83	5	3.4630	.0146	- 17	-19 7 3.40	10.83	5	785	430	- 39						
4052	5 Scorpiiρ	4.0	51 19.640	07.39	1	3.6983	.0198	- 10	-28 57 8.21	07.39	1	673	461	- 30						
4055	41 Serpentisγ	3.9	52 17.711	11.21	39	2.7482	.0043	+ 211	+15 57 17.67	11.00	46	601	345	-1297						
4062	6 Scorpiiπ	3.0	15 53 24.287	11.50	3	+3.6238	+ .0178	- 11	-25 51 19.22	10.52	2	-10.518	+ .454	- 36						
4063	13 Coronæε	4.2	53 51.653	12.24	39	2.4887	.0029	- 64	+27 8 17.06	12.28	46	484	314	- 68						
4066	7 Scorpiiδ	2.5	55 0.578	09.79	5	3.5426	.0158	- 9	-22 21 56.94	10.07	6	399	446	- 39						
4067	49 Libræ	5.5	55 16.398	06.45	3	3.4062	.0130	- 440	-16 16 7.62	06.45	3	379	429	- 400						
4072	Groombridge 2296	5.0	55 39.240	10.93	3	1.4378	.0097	- 186	+55 0 13.47	11.01	3	351	184	+ 108						
4075	5 Herculisr	5.3	15 57 11.686	12.31	5	+2.6977	+ .0040	- 37	+18 3 59.69	11.68	10	-10.235	+ 343	+ 144						
4078	Mayer 646	5.1	57 54.135	14.01	2	3.6244	.0171	- 50	-25 36 53.29	14.01	2	181	460	- 43						
4090	13 Draconisθ	4.1	0 11.974	10.03	2	1.1601	.0143	- 401	+58 48 19.23	09.41	3	008	151	+ 338						
4086	8 Scorpiiβ	2.9	16 0 12.094	10.45	26	3.4839	.0140	- 8	-19 33 34.68	10.12	30	008	444	- 29						
4087	8 Scorpii (Comes)β	5.1	0 12.507	10.12	4	3.4838	.0140	- 16	-19 33 21.39	10.12	4	007	444	- 25						
4092	Lalande 29247	5.9	16 0 44.175	11.44	2	+3.5733	+ .0158	- 17	-23 21 41.50	11.44	2	- 9.967	+ .456	- 48						
4093	9 Scorpiiω ¹	4.1	1 32.420	09.98	3	3.5052	.0142	- 5	-20 25 32.64	09.98	3	906	448	- 33						
4095	10 Scorpiiω ²	4.6	2 7.504	12.46	4	3.5104	.0143	+ 30	-20 37 33.45	12.46	4	862	450	- 56						
	Lalande 29311	6.2	2 27.620	13.79	3	3.5964	.0160	0	-24 13 15.14	13.69	4	836	461	- 68						
4101	7 Herculisκ	5.0	4 0.795	10.48	9	2.7087	.0042	- 31	+17 17 10.32	10.63	24	717	350	- 14						
4108	Lalande 29395	6.4	16 4 44.093	09.70	3	+3.4553	+ .0131	- 56	-18 6 7.92	09.70	3	- 9.662	+ .446	- 7						
4112	16 Coronæτ	4.9	5 40.765	11.49	4	2.1971	.0031	- 50	+36 43 8.43	11.49	4	590	285	+ 319						
4113	11 Herculisψ	4.3	5 56.018	10.51	4	1.8912	.0045	- 21	+45 10 13.09	10.63	4	(1)	570	246						
4113	Groombridge 2320	5.4	6 4.383	12.42	2	0.1583	.0402	- 64	+68 2 50.36	12.27	2	7	560	024						
4115	13 Scorpiiε ²	4.7	6 45.450	11.42	2	3.6900	.0175	- 21	-27 41 34.67	11.42	2	507	478	- 38						
4117	14 Scorpiiν	4.3	16 6 45.788	12.83	3	+3.4829	+ .0134	- 8	-19 13 39.00	12.83	3	- 9.506	+ .451	- 32						
	Piazzi XVI. 14	6.2	9 26.105	14.39	2	3.6308	.0159	- 5	-25 14 56.87	14.39	2	300	473	+ 12						
	B.F. 2217	6.4	9 27.425	07.33	2	3.4642	.0128	- 95	-18 18 17.16	07.33	2	298	451	- 132						
4134	1 Ophiuchiδ	3.0	9 37.689	10.29	34	3.1442	.0080	- 33	- 3 32 47.34	10.73	58	285	410	- 153						
	W.B. XVI. 140	6.1	10 46.562	09.05	5	3.3824	.0113	- 14	37 26.79	09.05	5	195	442	- 153						
4138	17 Coronæ (Comes)σ	6.7	16 11 18.280	10.03	2	+2.2679	+ .0031	- 232	+34 5 6.34	10.03	2	- 9.155	+ .298	- 93						
	17 Coronæσ	5.8	11 18.522	11.88	5	+2.2679	.0031	- 232	+34 5 10.68	11.88	5	155	+ 298	- 93						
4151	19 Ursæ Minoris	5.5	13 22.611	09.13	5	-1.7554	.1251	+ 15	+76 6 16.40	12.01	23	22	8.993	- 225						
4147	2 Ophiuchiε	3.3	13 33.473	10.33	9	+3.1660	.0082	+ 53	- 4 28 25.31	11.26	17	979	+ 417	+ 32						
4155	19 Scorpii	4.8	15 13.135	13.48	4	3.6052	.0146	- 10	-23 57 9.96	13.48	4	849	475	- 40						
4158	20 Scorpiiσ	3.1	16 15 42.954	11.74	7	+3.6419	+ .0153	- 9	-25 22 38.56	11.74	7	- 8.810	+ .481	- 32						
4162	22 Herculisτ	3.9	17 2.121	10.67	4	1.8028	.0051	- 12	+46 31 38.27	10.67	4	706	240	+ 30						
4163	50 Serpentisσ	4.8	17 30.820	10.26	4	3.0464	.0066	- 111	+ 1 14 24.20	10.20	8	668	404	+ 43						
4165	20 Herculisγ	3.8	17 56.968	10.35	36	2.6486	.0038	- 34	+19 21 50.07	10.40	57	634	352	+ 39						
4169	19 Coronæξ	4.7	18 35.387	12.42	26	2.3439	.0032	- 74	+31 6 1.57	12.42	29	583	312	+ 92						

28 Serpentis. This is the principal star of the pair Σ 1970.

8 Scorpii. These stars form the pair β 947.

7 Herculis. This is the principal star of the pair Σ 2010, components 5.1 and 6.6.

14 Scorpii. This star is the close double β 120, components 4.4 and 5.9.

17 Coronæ. These stars form the pair Σ 2032.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Motion "001.
							Above Pole.	Below Pole.								Above Pole.	Below Pole.			
4176	23 Herculis	6.2	h	m	s	14.24	4	s	s		°	'	"	14.24	4	"	"			
4181	21 Ursæ Minoris	5.0	16	19	29.206	11.35	2	1	1	184	32	32	33.46	12.16	8	9	462	231	252	18
4178	5 Ophiuchi (Comes)	5.9	20	11	08.0	12.31	2			8	75	57	47.04	12.31	2		457	478	21	21
	5 Ophiuchi	5.2	20	11	19.5	12.31	2			8	23	14	21.78	12.31	2		457	478	21	21
4182	24 Herculis	4.5	21	15	7.14	09.93	7			30	23	14	25.20	10.46	12		371	370	65	65
4183	7 Ophiuchi	4.9	16	21	48.373	10.29	4			3	14	14	23.62	10.29	4		8328	464	31	31
4187	Groombridge 2343	5.7	22	27	16.4	10.69	3	2		19	18	15	9.44	11.18	3	2	277	177	16	16
4192	14 Draconis	2.9	22	46	20.2	09.56	3	3		25	55	24	33.96	10.52	3	5	252	111	59	59
4193	21 Scorpii	1.2	23	53	20.8	10.61	30			5	61	43	3.87	10.31	44		163	493	33	33
4198	22 Scorpii	4.9	24	44	25.0	11.44	3			4	26	13	58.32	10.31	44		163	493	33	33
4201	30 Herculis	Var.	16	25	41.123	10.80	4			20	24	55	4.70	11.44	3		095	489	28	28
	Mayer 665	6.2	25	51	20.0	12.48	1			13	42	4	45.51	10.80	4		8018	266	18	18
4202	8 Ophiuchi	4.4	25	59	15.0	10.82	2			38	26	20	30.86	12.48	1		005	495	37	37
4204	27 Herculis	2.8	26	20	9.77	09.98	6			75	16	25	1.66	10.82	2		7995	463	37	37
4203	10 Ophiuchi	3.9	26	22	39.6	11.16	26			32	21	41	6.73	11.44	27		965	349	24	24
4206	9 Ophiuchi	4.6	16	26	47.975	09.27	2			15	21	16	27.67	09.27	2		7929	479	26	26
4209	34 Herculis	6.2	27	37	6.97	10.46	1	2		56	49	9	22.72	10.45	1	2	863	225	64	64
4213	15 Draconis	5.0	28	9	11.5	09.28	1	5		45	68	57	46.38	11.25	2	12	820	014	34	34
4218	23 Scorpii	2.9	30	16	6.13	12.06	3			8	28	1	47.02	12.06	3		649	506	37	37
4220	35 Herculis	4.3	31	12	0.44	11.09	5			10	42	37	20.10	10.83	6		574	264	35	35
4225	13 Ophiuchi	2.7	16	32	12.081	11.11	26			8	10	23	7.52	11.40	52		7493	449	17	17
4234	Piazzi XVI. 195	6.4	34	29	9.61	10.43	2	2		294	77	37	33.02	12.01	20	7	306	350	271	271
	Mayer 671	6.5	35	16	0.37	08.97	3			8	20	14	0.37	08.97	3		244	483	37	37
4236	Lalande 30304	6.1	36	8	7.80	11.12	7			45	24	17	38.32	11.12	7		172	498	5	5
4242	42 Herculis	5.1	36	18	2.17	08.35	3	2		36	49	6	14.86	08.55	3	2	159	225	27	27
4239	24 Scorpii	5.0	16	36	21.917	09.17	3			17	17	34	6.65	09.17	3		7154	475	7	7
4241	Bradley 2115	5.6	36	36	11.7	10.14	3			18	19	45	8.78	10.14	3		135	483	29	29
4246	40 Herculis	3.0	37	53	5.66	11.39	75			365	31	45	55.32	11.17	105		028	317	385	385
	Lalande 30379	6.4	38	42	2.20	12.73	3			13	27	17	15.75	12.73	3		6963	511	15	15
4251	Mayer 675	6.0	39	22	3.20	13.79	2			31	28	20	34.82	13.79	2		908	516	9	9
4254	15 Ophiuchi	6.9	16	39	43.803	09.42	4			20	23	1	1.14	09.42	4		6878	497	24	24
4255	44 Herculis	3.6	39	48	6.10	09.70	4			29	39	5	34.27	09.70	4		871	284	95	95
4270	Groombridge 2377	4.9	43	35	2.84	10.30	4	3		33	56	56	32.87	10.34	4	3	561	159	56	56
4271	18 Ophiuchi	6.8	44	15	6.30	14.47	2			9	24	28	59.55	14.47	2		505	506	23	23
4272	26 Scorpii	2.4	44	19	9.19	07.40	3			496	34	7	49.05	07.40	3		499	545	258	258
4273	20 Ophiuchi	4.7	16	44	51.298	10.73	4			58	10	37	27.48	10.22	7		6456	460	102	102
4280	47 Herculis	5.5	45	57	2.34	09.93	5			35	7	24	9.24	11.19	13		365	405	8	8
4291	49 Herculis	6.4	47	59	0.06	12.14	5			6	15	7	28.98	13.22	11		196	381	7	7
4300	53 Herculis	5.4	49	33	2.39	12.40	34			75	31	51	0.46	12.46	35		065	320	23	23
4302	25 Ophiuchi	4.3	49	44	9.50	09.62	4			38	10	18	46.20	10.92	12		049	397	46	46
	Lalande 30725	6.8	16	50	10.600	09.50	2			20	21	25	28.25	09.50	2		6013	499	19	19
4303	Piazzi XVI. 232	6.5	50	50	0.40	10.53	2			57	16	39	48.43	10.53	2		5958	483	34	34
4309	24 Ophiuchi	5.6	51	22	2.95	11.00	2			5	23	0	27.54	11.00	2		914	505	4	4
4315	27 Ophiuchi	3.4	53	24	4.60	11.23	46			199	9	30	51.62	11.13	55		744	402	14	14
4318	Bradley 2153	5.9	54	26	9.77	12.04	3			3	24	57	23.25	12.04	3		656	516	22	22
4327	22 Ursæ Minoris	4.4	16	55	9.555	08.27	4			72	82	11	12.24	11.11	18	16	5597	877	1	1
4323	30 Ophiuchi	5.0	56	18	8.10	10.81	1			36	4	5	17.48	10.81	1		499	446	88	88
4326	29 Ophiuchi	6.4	56	35	2.70	07.48	2			31	18	45	14.19	07.48	2		476	494	27	27
4328	58 Herculis	3.9	56	50	7.37	11.26	58			36	31	3	30.55	11.35	80		454	325	21	21
4332	59 Herculis	5.3	58	17	0.30	11.78	3			0	33	41	53.41	11.78	3		333	313	12	12

5 Ophiuchi. These stars form the pair South 228.

24 Herculis. This is the principal star of the pair β 625.

14 Draconis. This is the principal star of the pair $O\Sigma$ 312.

30 Herculis. Limits of magnitude 4.7 and 6.0, period irregular.

10 Ophiuchi. This is the binary Σ 2055, components 4.0 and 6.1.

40 Herculis. This star is the binary Σ 2084, components 2.8 and 6.5.

24 Ophiuchi. This star is the close double β 1117, components 6.4 and 6.6

No. In Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion ".0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion ".001.
			h	m	s		Above Pole.	Below Pole.				o	'	"		Above Pole.	Below Pole.			
4346	60 Hercules	4.9	17	1	12.290	11.52	6	+2.7773	+ .0038	+ 36	+12	51	49.67	11.37	6	-	5.086	+ .394	- 17	
4352	Mayer 691	6.1		3	1.212	06.50	1	3.4807	.0077	0	-17	29	25.03	06.50	1	-	4.933	494	- 22	
4359	Groombridge 2415	6.3		4	50.480	10.17	1	1.9588	.0037	- 25	+40	38	0.54	10.17	1	-	778	279	- 28	
4360	35 Ophiuchi	2.6		5	12.912	10.58	32	3.4354	.0071	+ 25	-15	36	50.49	10.68	35	-	746	489	+ 86	
4368	22 Draconis	3.2		8	31.353	10.11	4	0.1701	.0192	- 21	+65	49	31.47	10.70	5	7	465	025	+ 20	
4371	36 Ophiuchi (Comes) A	5.3	17	9	48.708	13.46	2	+3.7221	+ .0089	- 365	-26	28	15.64	13.46	2	-	4.355	+ .531	- 1122	
4372	36 Ophiuchi	5.3		9	48.756	14.51	1	3.7221	.0089	- 360	-26	28	10.82	14.51	1	-	355	531	- 1123	
4373	64 Hercules	3.5		10	32.604	10.76	41	2.7351	.0035	- 8	+14	29	32.58	10.41	65	-	292	391	+ 27	
4374	64 Hercules (Comes) a	5.4		10	33.110	09.35	1	2.7351	.0035	- 4	+14	29	30.92	09.35	1	-	292	391	+ 31	
4376	65 Hercules	3.2		11	20.047	12.19	20	2.4649	.0030	- 18	+24	56	41.41	12.19	20	-	225	353	- 163	
4381	67 Hercules	3.4	17	11	54.717	10.09	3	+2.0907	+ .0032	- 21	+36	54	36.65	10.09	3	-	4.175	+ .300	- 2	
4384	39 Ophiuchi	5.4		12	31.315	12.03	2	3.6599	.0081	- 48	-24	11	22.31	12.03	2	-	123	524	- 15	
4388	68 Hercules	Var.		14	0.013	13.35	3	2.2157	.0031	- 16	+33	11	48.08	13.35	3	-	3.997	318	- 13	
4391	69 Hercules	4.8		14	34.000	11.50	4	2.0713	.0033	- 34	+37	23	7.19	11.50	4	-	948	298	+ 53	
4390	Piazzi XVII. 43	6.0		14	38.970	11.18	3	3.4895	.0066	- 3	-17	39	46.29	11.18	3	-	941	500	- 21	
4394	40 Ophiuchi	4.5	17	15	36.530	09.91	3	+3.5763	+ .0070	+ 171	-21	1	0.34	09.91	3	-	3.859	+ .513	- 207	
4399	42 Ophiuchi	3.4		16	28.856	10.99	33	3.6820	.0077	- 1	-24	54	37.00	10.68	29	-	783	529	- 31	
4403	72 Hercules	5.4		17	17.471	13.09	3	2.2332	.0029	+ 100	+32	34	58.92	13.09	3	-	714	321	- 1053	
4407	43 Ophiuchi	5.4		17	41.680	14.06	3	3.7727	.0081	+ 4	-28	3	21.80	14.06	3	-	679	542	- 42	
4413	Mayer 701	6.0		19	19.010	10.46	3	3.5869	.0066	- 19	-21	21	29.39	10.46	3	-	540	516	- 36	
	Lalande 31611	6.3	17	19	20.850	08.29	4	+3.5091	+ .0062	+ 16	-18	21	45.19	08.29	4	-	3.537	+ .505	- 9	
	75 Hercules (Comes) ρ	5.5		20	34.320	11.07	1	2.0721	.0031	- 32	+37	13	43.70	11.07	1	-	431	299	- 4	
4419	75 Hercules	4.6		20	34.660	10.39	3	2.0721	.0031	- 32	+37	13	41.23	10.39	3	-	431	299	- 4	
4420	44 Ophiuchi	4.3		20	52.335	11.89	2	3.6614	.0069	- 5	-24	5	35.63	11.89	2	-	406	528	- 132	
4421	45 Ophiuchi	4.4		21	36.371	07.81	3	3.8266	.0079	+ 14	-29	47	9.43	07.81	3	-	343	551	- 156	
4425	49 Ophiuchi	4.4	17	22	2.902	11.14	29	+2.9753	+ .0037	+ 2	+ 4	13	4.75	11.52	52	-	3.304	+ .429	+ 3	
4430	77 Hercules	5.8		24	21.073	10.61	3	1.5888	.0043	0	+48	20	7.00	10.61	3	-	105	230	- 15	
4429	34 Scorpii	2.8		24	38.480	14.51	1	4.0758	.0091	- 2	-37	13	21.13	14.51	1	-	080	588	- 42	
4434	51 Ophiuchi	4.9		25	55.440	09.42	3	3.6580	.0062	+ 1	-23	53	36.97	09.18	4	-	2.970	529	- 38	
4435	Bradley 3248	6.0		26	9.033	11.44	4	3.7229	.0066	- 3	-26	12	4.66	11.44	4	-	950	538	- 31	
4438	76 Hercules	4.5	17	27	6.045	12.15	25	+2.4223	+ .0028	+ 11	+26	10	40.84	12.85	36	-	2.868	+ .351	+ 14	
4443	23 Draconis	3.0		28	23.876	09.62	9	1.3556	.0049	- 15	+52	22	3.80	09.33	11	2	755	197	+ 7	
4449	52 Ophiuchi	6.6		29	53.660	09.50	2	3.6074	.0054	- 6	-21	59	0.66	09.50	2	-	626	523	- 13	
4458	24 Draconis	5.0		30	24.155	10.34	2	1.1624	.0057	+ 176	+55	14	43.74	10.77	2	2	582	169	+ 49	
4460	25 Draconis	5.0		30	29.540	10.34	2	1.1632	.0057	+ 184	+55	14	1.92	10.77	2	2	574	169	+ 51	
4459	55 Ophiuchi	2.1	17	30	45.395	11.09	96	+2.7756	+ .0030	+ 80	+12	37	29.72	10.68	108	-	2.551	+ .403	- 235	
4464	27 Draconis	5.2		32	19.315	10.57	2	-0.2431	.0152	- 24	+68	11	32.92	10.28	3	7	415	- 034	+ 137	
4462	55 Serpentis	3.6		32	25.986	12.50	5	+3.4365	.0044	- 30	-15	20	32.91	11.97	7	-	406	+ 498	- 71	
4467	Bradley 2219	6.7		33	20.260	09.90	2	3.6050	.0051	- 19	-21	51	35.56	08.22	1	-	327	523	- 20	
4470	26 Draconis	5.3		34	3.517	11.37	2	0.5811	.0083	+ 345	+61	56	35.36	11.64	2	1	264	085	- 508	
4475	56 Serpentis	4.4	17	36	21.397	09.86	6	+3.3752	+ .0039	- 48	-12	49	40.00	09.85	9	-	2.065	+ .490	- 56	
4479	85 Hercules	3.8		36	55.433	10.56	5	+1.6931	.0035	- 8	+46	3	13.21	11.64	4	(2)	015	+ 246	- 2	
4483	28 Draconis	4.9		37	28.470	13.56	2	-0.3563	.0139	+ 16	+68	47	58.52	11.35	2	6	1.968	- .051	+ 327	
	Piazzi XVII. 186	6.4		37	37.638	12.15	4	+3.7750	.0050	+ 2	-27	50	28.01	12.41	5	-	954	+ .549	- 17	
	Groombridge 2457	6.7		37	54.107	13.18	3	1.8096	.0031	+ 59	+43	30	52.55	13.18	3	-	930	263	+ 63	
4481	58 Ophiuchi	4.9	17	38	2.167	08.08	3	+3.6003	+ .0044	- 64	-21	38	24.13	08.08	3	-	1.918	+ .523	- 54	
4487	60 Ophiuchi	2.9		39	1.578	10.32	69	2.9653	.0028	- 28	+ 4	36	15.40	10.26	89	-	831	431	+ 152	
4493	3 Sagittarii	Var.		41	53.644	10.91	5	3.7748	.0044	- 4	-27	47	48.78	10.91	5	-	581	549	- 22	
4497	86 Hercules	3.5		42	56.153	10.02	76	2.3707	.0024	- 244	+27	46	22.30	10.54	112	-	491	345	- 750	
4500	62 Ophiuchi	3.7		43	22.753	11.24	4	3.0087	.0027	- 18	+ 2	44	26.14	11.02	14	-	452	438	- 79	

35 Ophiuchi. This star is the close double β 1118. Components 3.0 and 3.5. 36 Ophiuchi. These stars form the pair South 243. 64 Hercules. These stars form the pair Σ 2140. 65 Hercules. This is the principal star of the pair Σ 3127. 39 Ophiuchi. This is the principal star of the pair Bunham 7928. 68 Hercules. Limits of magnitude 4.6 and 5.4, period irregular. Piazzi XVII. 43. This is the principal star of the pair β 126, components 6.2 and 8.2. 75 Hercules. These stars form the pair Σ 2161. Magnitudes from Struve. 26 Draconis. This star is the binary β 962. 3 Sagittarii. Limits of magnitude 4.4 and 5.0, period 7^d.0+. 86 Hercules. This is the principal star of the pair Σ 2220, components 3.4 and 9.5.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	
							Above Pole.	Below Pole.							Above Pole.	Below Pole.				
4504	31 Draconis ^ψ 1	4.9	17	43	32.057	11.28	2	1	- 1.0775	+ .0159	+ 34	+72	11	35.85	12.99	18	7	- 1.439	- .156	- 267
4508	87 Herculis	5.3	45	10	189	11.91	28		+ 2.4320	.0024	- 8	+25	39	8.33	11.60	34		297	+ .355	- 45
4514	88 Herculis ^z	6.4	47	42	063	07.96	3	2	1.5685	.0032	- 3	+48	25	5.02	08.89	3	(2)	075	229	+ 8
4517	63 Ophiuchi	6.1	49	21	670	10.91	2		3.6913	.0032	- 11	-24	52	11.78	10.91	2		0.930	538	- 8
4521	Mayer 722	6.4	50	37	317	06.48	3		3.5267	.0027	+ 11	-18	47	11.28	06.48	3		821	514	- 21
4523	Lalande 32727	5.8	17	51	0.885	14.56	2		+ 3.7841	+ .0030	+ 28	-28	3	4.52	04.56	2		- 0.786	+ .552	- 34
4528	89 Herculis	5.5	51	47	331	10.91	52		2.4193	.0023	+ 1	+26	3	49.92	11.39	87		719	353	+ 2
4531	32 Draconis ^ξ	3.9	51	58	292	11.10	4	1	1.0248	.0037	+ 119	+56	53	10.49	11.11	4	1	702	150	+ 75
4535	91 Herculis ^θ	4.0	53	10	005	11.93	2		+ 2.0563	.0025	+ 3	+37	15	42.37	11.93	2		598	+ .300	+ 4
4539	35 Draconis	5.0	53	28	815	12.29	1	1	- 2.7024	.0148	+ 138	+76	58	31.37	10.10	13	5	570	- .394	+ 239
4536	64 Ophiuchi ^v	3.5	17	54	4.360	12.42	1		+ 3.3024	+ .0022	- 8	- 9	45	47.61	11.44	4		- 0.519	+ .481	- 118
4538	92 Herculis ^ξ	3.8	54	16	052	12.25	12		2.3241	.0023	+ 66	+29	15	25.35	11.81	15		501	339	- 27
4537	4 Sagittarii	4.8	54	17	853	09.16	4		3.6620	.0024	+ 1	-23	48	30.78	09.16	4		499	534	- 58
4541	33 Draconis ^γ	2.4	54	30	939	08.57	16	4	1.3930	.0030	- 9	+51	29	56.92	08.68	17	4	480	203	- 26
	Mayer 727	6.5	54	38	990	07.63	1		3.5676	.0023	+ 16	-20	19	59.10	07.63	1		468	520	- 25
4548	67 Ophiuchi	3.9	17	56	8.280	11.62	3		+ 3.0040	+ .0021	+ 1	+ 2	56	7.03	10.70	9		- 0.338	+ .438	- 14
4564	Sagittarii ^γ 1	Var.	59	16	260	14.51	1		3.8312	.0016	+ 7	-29	35	4.06	14.51	1		064	559	- 12
4567	Piazzi XVII. 342	6.8	59	39	320	09.27	1		3.6788	.0017	+ 7	-24	24	14.21	09.27	1		- 0.30	536	- 16
4571	70 Ophiuchi	4.5	18	0	54.360	09.70	3		3.0137	.0018	+ 169	+ 2	31	12.58	09.70	3		+ 0.79	439	- 1102
	70 Ophiuchi (Comes).	6.0	0	54	500	09.72	1		+ 3.0137	+ .0018	+ 169	+ 2	31	9.53	09.70	3		0.79	+ 439	- 1102
4591	23 Ursæ Minoris ^δ	4.4	18	1	18.230	10.67	68	42	- 19.5157	- .0257	+ 200	+86	36	50.96	09.86	208	99	+ 0.114	- 2.846	+ 48
4577	Mayer 735	4.7	2	22	970	12.41	1		+ 3.7971	+ .0012	+ 13	-28	28	4.50	12.41	1		208	+ 0.553	- 33
4581	72 Ophiuchi	3.7	3	4	974	10.52	41		+ 2.8477	+ .0019	- 42	+ 9	33	1.53	11.03	34		270	+ 415	+ 82
4584	103 Herculis ^o	3.8	4	1	884	11.20	9		+ 2.3394	+ .0021	+ 2	+28	44	58.63	11.20	9		353	+ 341	+ 2
4605	24 Ursæ Minoris	5.9	4	(4.8)					- 22.3857	- .1451	+ 680	+86	59	43.60	14.35	6		357	- 3.264	+ 7
4604	13 Sagittarii ^μ	4.0	18	8	22.846	11.12	26		+ 3.5874	+ .0007	+ 3	-21	4	58.54	10.78	38		+ 0.733	+ 0.522	- 5
4607	14 Sagittarii	5.7	8	51	490	08.30	1		3.6049	+ .0005	- 11	-21	44	16.53	08.30	1		775	525	- 27
4613	16 Sagittarii	6.0	9	51	610	06.51	1		3.5694	+ .0004	0	-20	24	55.49	06.51	1		862	520	- 10
	Lalande 33537	6.0	11	41	770	14.66	1		3.8027	- .0003	+ 53	-28	40	59.04	14.66	1		1.023	553	+ 32
4620	Groombridge 2533	5.4	12	50	762	11.29	6		1.8657	+ .0019	- 5	+42	7	41.78	11.22	5		123	271	- 7
4623	36 Draconis	5.0	18	13	22.727	11.13	5	1	+ 0.2921	- .0006	+ 532	+64	21	59.88	10.77	5	4	+ 1.170	+ .042	+ 30
4628	19 Sagittarii ^δ	2.8	15	13	965	11.57	4		3.8383	.0011	+ 28	-29	52	1.28	11.57	4		331	558	- 36
4630	Lalande 33732	6.4	15	58	985	12.44	2		3.6929	.0006	+ 6	-24	57	22.70	12.44	2		397	536	- 8
4632	Sagittarii ^Y Var.	16	5	370	10.24	3		3.5289	.0002	+ 5	-18	54	2.23	10.24	3		406	513	- 11	
4633	Lalande 33738	6.1	16	18	540	11.84	3		3.7954	- .0011	+ 9	-28	28	17.04	11.84	3		425	551	- 1
4638	58 Serpentis ^η	3.4	18	16	39.173	10.91	75		+ 3.1406	+ .0008	- 376	- 2	55	22.20	11.40	93		+ 1.455	+ .456	- 700
4645	20 Sagittarii ^ε	2.0	18	11	933	12.99	3		3.9856	- .0022	- 35	-34	25	36.65	11.35	4		590	579	- 132
4649	Bradley 2308	5.7	18	23	470	10.95	6		2.5004	+ .0017	+ 11	+23	14	19.94	11.66	7		607	362	+ 75
4651	Radcliffe 3896	5.5	18	50	398	09.77	5		2.6454	+ .0016	+ 45	+17	46	50.79	09.05	6		645	384	+ 7
4656	109 Herculis	3.9	19	51	782	11.95	6		2.5419	+ .0016	+ 138	+21	43	42.13	11.48	11		735	368	- 261
4655	21 Sagittarii	5.0	18	19	59.444	08.26	5		+ 3.5727	- .0008	+ 6	-20	35	25.99	08.26	5		+ 1.746	+ .518	- 21
4661	2 Lyrae ^μ	5.0	21	15	920	10.15	4		+ 1.9772	+ .0018	- 18	+39	27	27.66	10.15	4		857	+ 286	- 10
4670	43 Draconis ^φ	4.2	22	2	937	10.00	1	2	- 0.8552	- .0110	- 8	+71	17	24.34	10.76	1	4	926	- 125	+ 32
	Lalande 33989	6.2	22	7	047	12.57	3		+ 3.7412	- .0017	0	-26	41	17.27	12.57	3		932	+ 542	- 46
4665	22 Sagittarii ^λ	2.9	22	24	990	11.21	34		+ 3.7061	- .0017	- 35	-25	28	19.51	10.85	30		958	+ 537	- 191
4671	39 Draconis ^b	4.9	18	22	35.690	10.07	1		+ 0.8810	- .0005	- 43	+58	44	54.10	10.07	1		+ 1.974	+ .127	+ 55
4672	44 Draconis ^χ	3.7	22	40	880	08.94	1	1	- 1.1956	.0144	+ 1169	+72	41	38.39	09.24	11	3	981	- .174	- 367
	Lalande 34047	6.5	23	20	902	12.42	6		+ 3.7394	.0020		-26	38	19.00	12.42	6		2.039	+ .541	
4674	Bradley 2313	4.7	24	4	075	07.54	1		3.4193	.0007	+ 2	-14	37	25.93	06.82	3		101	495	- 8
4676	Mayer 748	5.8	24	54	457	10.27	3		3.5244	.0011	+ 33	-18	47	11.08	10.27	3		174	510	- 101

^ψ1 Sagittarii. Limits of magnitude, 4.8 to 5.8.
 70 Ophiuchi. These stars form the binary Σ 2272. Magnitudes from Struve.
 43 Draconis. This is the close double OΣ 353, components 4.4 and 6.5.

Y Sagittarii. Limits of magnitude, 5.8 to 6.6.
 39 Draconis. This is the principal star of the pair Σ 2323, components 5.1 and 8.0.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.
			h	m	s		Above Pole.	Below Pole.				°	'	"		Above Pole.	Below Pole.			
4678	60 Serpentis.....c	5.4	18	24	59.980	08.77	6	+3.1199	+ .0004	+ 15	- 2	2	32.49	11.39	21		+ 2.182	+ .451	- 31	
4698	24 Sagittarii.....	5.7	28	23	58.7	10.99	4	3.6657	- .0022	- 3	-24	6	0.11	10.92	5		477	529	- 18	
	Piazzi XVIII. 110..	6.5	29	59	04.0	07.71	1	3.5788	- .0020		-20	54	42.22	07.71	1		615	516		
4705	1 Aquilæ.....	4.1	30	18	61.4	07.96	7	3.2659	- .0005	- 15	- 8	18	27.20	09.52	14		644	471	- 317	
4714	Bradley 2332.....	5.8	32	31	10.7	13.06	4	3.5929	- .0025	- 11	-21	28	21.19	13.06	4		835	517	- 82	
4718	Bradley 2333.....	5.8	18	33	2.336	06.44	3	+3.6498	- .0028	- 6	-23	34	57.13	06.44	3		+ 2.879	+ .525	- 29	
4722	3 Lyrae.....a	0.1	33	53	45.7	11.39	115	+2.0136	+ .0013	+ 174	+38	41	57.64	11.12	110		954	+ .289	+ 279	
4724	Groombridge 2655..	5.8	34	(6.3)				-2.8780	- .0549	- 8	+77	28	39.12	12.01	10	2	2.972	- .416	- 5	
4727	Piazzi XVIII. 173..	6.0	35	56	33.5	10.58	2	+0.1883	- .0078	+ 16	+65	24	29.31	10.58	2	2	3.131	+ .026	+ 82	
4726	26 Sagittarii.....	6.1	36	22	32.5	11.97	2	3.6578	- .0033	+ 24	-23	55	4.16	11.97	2		168	525	- 28	
4731	2 Aquilæ.....	4.7	18	37	20.793	10.42	40	+3.2846	- .0012	+ 9	- 9	8	20.96	11.25	156		+ 3.252	+ .471	- 4	
4737	Piazzi XVIII. 155..	5.8	39	17	64.3	13.32	3	3.6893	- .0039	- 1	-25	6	5.94	13.32	3		420	528	- 26	
4739	27 Sagittarii.....φ	3.3	40	2	11.0	12.28	8	3.7455	- .0045	+ 36	-27	5	1.20	12.28	8		484	536	- 3	
4747	4 Lyrae.....ε ¹	5.1	41	21	45.5	10.29	2	1.9858	+ .0014	+ 8	+39	34	31.94	10.29	2		598	283	+ 51	
	5 Lyrae.....ε ²	5.1	41	23	73.5	11.66	4	1.9881	+ .0014	+ 14	+39	31	5.92	11.66	4		601	284	+ 62	
4749	5 Lyrae (Comes) ...ε ²	5.4	18	41	23.938	11.66	4	+1.9881	+ .0014	+ 14	+39	31	4.34	11.66	4		+ 3.601	+ .284	+ 62	
4753	110 Herculis.....	4.3	41	47	31.1	09.08	8	2.5822	+ .0011	- 15	+20	27	34.80	10.45	19		635	369	- 344	
4756	6 Aquilæ.....	4.5	42	23	96.2	14.31	4	3.1838	- .0010	- 7	- 4	50	41.25	14.41	6		688	455	- 23	
4761	111 Herculis.....	4.4	43	2	80.8	11.48	4	2.6439	+ .0010	+ 44	+18	4	51.10	10.92	10		743	377	+ 106	
4765	Groombridge 2671..	5.8	44	42	54.7	11.04	2	1.3397	- .0008	+ 16	+52	53	19.16	11.04	2		886	190	- 16	
4767	30 Sagittarii.....	6.2	18	45	25.975	14.15	2	+3.6089	- .0042	- 27	-22	15	57.70	14.15	2		+ 3.948	+ .514	- 24	
4776	10 Lyrae.....β	var.	46	45	41.6	11.16	55	2.2142	+ .0014	+ 3	+33	15	27.69	10.97	61		4.061	314	- 7	
4777	10 Lyrae (Comes) ..β	7.8	46	47	38.0	11.58	1	+2.2146	+ .0014	- 12	+33	14	49.45	11.58	1		064	+ .313	- 13	
4788	50 Draconis.....	5.4	49	17	09.5	10.80	2	-1.9142	- .0535	- 35	+75	19	42.28	10.28	6	4	278	- .275	+ 77	
4784	34 Sagittarii.....σ	2.1	49	41	16.0	11.61	6	+3.7206	- .0057	+ 6	-26	24	31.88	11.61	6		312	+ .528	- 66	
4790	47 Draconis.....o	4.8	18	49	52.445	10.85	2	+0.8768	- .0046	+ 108	+59	16	41.46	10.85	2		+ 4.328	+ .123	+ 23	
4802	63 Serpentis.....θ	4.5	51	44	76.0	11.77	8	2.9795	- .0005	+ 31	+ 4	5	9.49	11.81	17		488	421	+ 27	
4803	63 Serpentis (Comes)θ	5.4	51	46	22.7	13.65	3	2.9795	- .0005	+ 29	+ 4	5	4.11	14.68	2		490	421	+ 18	
4809	37 Sagittarii.....ξ ²	3.6	52	21	69.8	09.44	5	3.5781	- .0047	+ 23	-21	13	31.96	09.50	5		540	506	- 18	
4814	13 Lyrae.....	var.	52	35	75.3	10.07	6	+1.8234	+ .0008	+ 26	+43	49	37.88	10.07	6		560	+ .257	+ 72	
4825	52 Draconis.....v	4.9	18	55	30.173	10.61	2	-0.7336	- .0306	+ 110	+71	10	37.22	10.13	2	4	+ 4.807	- .106	+ 40	
4823	13 Aquilæ.....ε	4.2	55	32	27.6	10.28	53	+2.7262	+ .0005	- 44	+14	56	43.92	11.23	57		810	+ .384	+ 77	
4824	14 Lyrae.....γ	3.3	55	34	67.0	09.90	2	2.2439	+ .0012	- 2	+32	33	55.56	09.90	2		814	316	- 7	
4835	Mayer 781.....	5.7	56	57	29.0	14.51	1	3.6758	- .0062	- 21	-24	58	15.76	14.51	1		4.930	517	- 176	
4847	39 Sagittarii.....o	3.9	59	17	47.0	08.08	4	3.5912	- .0057	+ 52	-21	52	25.64	08.08	4		5.128	504	- 67	
4858	17 Aquilæ.....ζ	3.0	19	1	16.435	10.42	58	+2.7576	+ .0002	- 6	+13	43	44.73	10.66	54		+ 5.295	+ .386	- 102	
4857	40 Sagittarii.....τ	3.4	1	19	31.3	13.06	4	3.7521	- .0078	- 45	-27	48	8.34	13.06	4		300	525	- 260	
4872	17 Lyrae.....	5.0	4	1	36.0	11.38	2	2.2585	+ .0012	+ 95	+32	21	34.18	11.38	2		527	314	+ 13	
4873	18 Lyrae.....t	5.1	4	5	37.5	10.72	2	2.1407	+ .0012	- 6	+35	57	31.02	10.72	2		533	298	- 6	
4874	41 Sagittarii.....π	3.0	4	24	76.0	13.70	2	3.5697	- .0060	- 4	-21	10	2.36	13.70	2		560	498	- 40	
4885	19 Lyrae.....	5.8	19	8	18.888	12.15	33	+2.3009	+ .0011	- 9	+31	7	57.88	12.15	33		+ 5.887	+ .318	- 7	
4887	21 Aquilæ.....	5.1	9	10	48.5	07.21	2	3.0248	- .0014	- 2	+ 2	8	24.51	07.36	6		959	419	- 6	
4890	55 Draconis.....	6.2	9	25	78.8	10.28	3	0.2306	- .0174	+ 2	+65	49	40.60	10.46	3	2	5.980	030	+ 29	
4891	42 Sagittarii.....ψ	4.9	10	1	40.9	10.22	34	+3.6780	- .0081	+ 30	-25	24	44.23	11.04	28		6.029	+ .509	- 35	
4971	Ursæ Minoris.....λ	6.6	10	58	82.3	10.62	82	-70.2971	-24.4958	- 1070	+89	0	21.82	10.13	159	99	109	-9.762	+ 10	
4903	43 Sagittarii.....d	5.0	19	12	22.240	06.44	2	+ 3.5127	- 0.0063	- 9	-19	6	48.41	06.44	2		+ 6.225	+ 0.484	- 19	
4909	57 Draconis.....δ	3.2	12	32	27.7	09.21	3	0.0059	- .0231	+ 173	+67	30	12.01	07.17	2	2	239	- .002	+ 89	
4912	21 Lyrae.....θ	4.5	13	14	64.5	10.85	2	2.0822	+ .0010	- 9	+37	58	22.39	10.85	2		298	+ .286	- 3	
4914	25 Aquilæ.....ω	5.1	13	35	53.8	10.93	56	2.8161	- .0003	- 1	+11	25	56.98	10.98	43		328	387	+ 11	
4923	1 Cygni.....κ	4.0	15	1	34.0	10.54	3	1.3808	- .0027	+ 71	+53	12	7.34	10.54	3		445	188	+ 117	

4 Lyrae. This is the principal star of the pair Σ 2382, components 5.0 and 6.7.
 5 Lyrae. These stars form the pair Σ 2383.
 10 Lyrae. Limits of magnitude 3.4 to 4.5.
 47 Draconis. This is the principal star of the pair Σ 2420.

63 Serpentis. These stars form the pair Σ 2417.
 13 Lyrae. Limits of magnitude 4.0 to 4.7.
 17 Lyrae. This is the principal star of the pair Σ 2461.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion μ .oor.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion μ .oor.
							Above Pole.	Below Pole.								Above Pole.	Below Pole.			
4930	Groombridge 2812 ..	6.7	19 15 57.573	13.44	4	+	2.0049	+	.0009	- 3	+40 11 39.12	13.44	4	+	6.523	+	.274	+	9.	
4940	60 Draconis..... τ	4.6	17 17.495	11.85	2	-	1.1015	-	.0566	- 318	+73 11 19.22	11.19	2	2	633	-	.154	+	110	
4941	Piazzi XIX. 84.....	5.9	18 53.668	13.09	4	+	3.7425	-	.0103	- 4	-28 2 24.94	13.09	4		765	+	.511	-	2	
4944	49 Sagittarii..... χ^3	5.6	20 2.913	13.01	3		3.6352	-	.0088	- 15	-24 8 20.70	13.01	3		860				0	
4950	31 Aquilæ..... b	5.2	20 40.740	08.30	3		2.8116	-	.0004	+ 494	+11 45 4.86	09.25	6		912				630	
4952	50 Sagittarii.....	5.6	19 20 57.190	09.23	3	+	3.5780	-	.0082	+ 18	-21 57 19.78	09.23	3		6.934	+	.487	+	1	
4953	30 Aquilæ..... δ	3.4	20 57.671	10.89	53		3.0082	-	.0018	+ 169	+ 2 56 4.88	10.45	57		935				77	
4961	Bradley 2459.....	6.2	21 42.301	12.16	30		2.4951	+	.0008	- 137	+24 44 59.56	12.17	29		6.996				631	
4965	5 Vulpeculæ.....	5.6	22 17.443	13.01	3		2.6191	+	.0005	- 5	+19 55 6.80	11.20	5		7.044				39	
4972	4 Cygni.....	5.2	22 54.645	13.70	2		2.1598	+	.0011	+ 5	+36 8 12.74	12.02	3		094				6	
4973	Mayer 808.....	5.5	19 24 18.280	12.47	3	+	3.7126	-	.0106	+ 10	-27 10 13.59	12.47	3		7.209	+	.502	-	48	
4976	6 Vulpeculæ..... a	4.6	24 57.628	10.92	65		2.5053	+	.0009	- 93	+24 28 56.05	11.75	97		263				113	
4979	Mayer 810.....	6.0	25 33.557	07.26	3		3.5627	-	.0084	+ 5	-21 29 59.58	07.26	3		311				15	
4983	36 Aquilæ..... e	5.2	25 57.450	11.22	2		3.1372	-	.0032	+ 6	- 2 58 36.24	10.65	5		343				13	
4986	6 Cygni..... β	3.2	27 5.498	12.44	33	+	2.4190	+	.0010	- 2	+27 46 12.51	12.13	33		436	+			9	
4990	Groombridge 2900 ..	6.0	19 27 (9.6)			-	3.5732	-	.1972	+ 92	+79 25 23.82	12.01	4		7.441	-	.487	-	37	
4988	10 Cygni..... t^2	3.9	27 26.260	07.39	2	1	1.5111	-	.0021	+ 21	+51 32 15.73	07.43	2	1	464	+	.201	+	124	
4992	8 Cygni.....	4.9	28 25.660	10.28	5		2.2291	+	.0011	- 2	+34 15 40.23	10.28	5		544				3	
4995	38 Aquilæ..... μ	4.7	29 41.587	11.99	48		2.9167	-	.0014	+ 143	+ 7 11 14.36	11.04	46		647				152	
4997	51 Sagittarii..... h^1	5.7	30 33.853	13.00	3		3.6455	-	.0104	+ 10	-24 55 0.42	13.00	3		717				25	
4999	52 Sagittarii..... h^2	4.7	19 31 13.940	11.52	19	+	3.6491	-	.0105	+ 53	-25 4 58.08	11.20	26		7.771	+	.487	-	25	
5003	39 Aquilæ..... κ	5.0	32 3.020	09.19	2		3.2285	-	.0045	+ 2	- 7 13 40.93	09.42	5		837				2	
5010	4 Sagittæ..... e	5.7	33 12.967	09.64	3		2.7145	-	.0001	+ 10	+16 15 36.72	10.12	11		930				13	
	Groombridge 2891 ..	6.8	33 40.600	11.22	2		1.9086	+	.0004	+ 2	+43 30 15.16	11.22	2		967				16	
5014	13 Cygni..... θ	4.6	34 1.660	08.54	1	1	1.6114	-	.0016	- 29	+50 0 43.78	09.32	1	1	7.995				247	
5015	53 Sagittarii.....	6.2	19 34 25.050	07.56	1	+	3.6084	-	.0101	0	-23 37 58.58	07.56	1		8.027	+	.479	-	30	
5016	Bradley 2488.....	6.1	34 42.620	08.41	3		3.6081	-	.0102	+ 18	-23 38 6.66	08.41	3		050				3	
5018	44 Aquilæ..... σ	5.2	34 45.180	11.71	2		2.9613	-	.0019	- 1	+ 5 11 32.24	13.20	4		054				0	
5019	54 Sagittarii..... e^1	5.5	35 34.113	10.67	30		3.4345	-	.0076	+ 46	-16 30 0.18	11.34	26		119				54	
5024	14 Cygni.....	5.4	36 30.737	12.06	3		1.9506	+	.0005	+ 19	+42 36 35.69	12.06	3		194				24	
5027	6 Sagittæ..... β	4.5	19 37 0.453	12.04	3	+	2.6938	+	.0001	+ 1	+17 16 1.32	10.38	6		8.234	+	.355	-	38	
5028	55 Sagittarii..... e^2	5.1	37 22.335	12.64	2		3.4294	-	.0075	+ 42	-16 20 7.31	12.64	2		263				17	
5039	10 Vulpeculæ.....	5.5	39 58.412	11.94	32		2.4933	+	.0009	+ 4	+25 33 21.83	11.55	39		469				13	
5045	15 Cygni.....	5.0	41 1.900	12.18	2		2.1571	+	.0011	+ 57	+37 8 11.09	12.18	2		553				34	
5044	56 Sagittarii..... f	5.1	41 6.806	08.63	3		3.5118	-	.0093	- 95	-19 58 40.25	08.63	3		560				96	
5047	50 Aquilæ..... γ	2.8	19 41 58.860	11.03	60	+	2.8513	-	.0010	+ 9	+10 23 36.27	10.66	74		8.629	+	.372	-	4	
5048	18 Cygni..... δ	3.0	42 9.737	10.54	3	1	1.8705	+	.0001	+ 50	+44 54 38.93	12.00	3	1	643				37	
5052	7 Sagittæ..... δ	3.8	43 22.538	10.51	5		2.6745	+	.0002	+ 1	+18 18 42.38	10.51	5		739				9	
5058	8 Sagittæ..... ζ	5.0	44 58.960	11.15	8		2.6617	+	.0002	+ 13	+18 54 56.95	12.32	12		865				25	
5062	53 Aquilæ..... a	0.9	46 23.554	11.03	77		2.8911	-	.0014	+ 361	+ 8 37 47.95	10.46	92		8.976				380	
5071	55 Aquilæ..... η	var.	19 47 53.344	12.31	5	+	3.0564	-	.0032	+ 5	+ 0 46 26.39	12.31	5		9.092	+	.393	-	9	
5079	63 Draconis..... ϵ	4.0	48 28.913	09.79	3	4	0.2024	-	.0444	+ 158	+70 2 20.15	09.69	3	16	138	-	.030	+	31	
5076	Lalande 37813	6.3	48 54.462	10.45	5		3.6057	-	.0119	- 94	-24 9 55.12	10.45	5		171	+	.464	-	411	
5140	Groombridge 3402 ..	var.	49 55.120	12.37	1	1	56.1401	-25.7982	+35.20	+88.51	9.76	10.95	16	6	246	-7.266			96	
5091	58 Sagittarii..... ω	4.8	50 19.751	12.19	7	+	3.6641	-	0.0134	+ 156	-26 32 18.85	12.11	8		282	+	0.470	+	83	
5093	60 Aquilæ..... β	3.9	19 50 53.572	10.98	41	+	2.9444	-	.0020	+ 23	+ 6 10 53.17	09.49	30		9.326	+	.376	-	483	
5099	61 Aquilæ..... ϕ	5.3	51 58.583	12.40	3		2.8392	-	.0010	+ 13	+11 11 3.32	10.48	5		409				8	
5101	61 Sagittarii..... η	5.1	52 50.840	11.68	1		3.4042	-	.0086	+ 4	-15 43 51.50	11.68	1		476				90	
5105	24 Cygni..... ψ	4.8	53 18.210	10.61	1		1.5559	-	.0027	- 44	+52 11 58.70	10.61	1		512				31	
5104	60 Sagittarii..... A	5.0	53 28.318	11.82	5		3.6572	-	.0136	+ 18	-26 26 23.91	11.88	4		525				29	

52 Sagittarii. This is the principal star of the pair β 654.
 53 Sagittarii. This star is a close double, components 7.1 and 7.6.
 18 Cygni. This is the principal star of the pair Σ 2579.
 8 Sagittæ. This star is a close double, components 5.7 and 6.0.

55 Aquilæ. Limits of magnitude 3.5 to 4.7.
 63 Draconis. This is the principal star of the pair Σ 2603, components 3.9 and 7.6.
 24 Cygni. This is the principal star of the pair Σ 2605, oomponents 5.0 and 7.5.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "001.
			h	m	s		Above Pole.	Below Pole.				°	'	"		Above Pole.	Below Pole.			
5118	12 Sagittæ	γ	3.7	19 54 45.313	08.96	3		+2.6632	+ .0003	+ 42	+19 14 49.94	08.18	7		+ 9.623	+ .337	+ 16			
5128	63 Sagittarii	5.8		56 56.185	12.08	2		3.3608	- .0081	+ 22	-13 53 12.79	12.88	3		790	423	+ 19			
5129	62 Sagittarii	c	4.6	57 7.591	10.62	18		3.6913	- .0148	+ 27	-27 57 38.03	10.10	16		805	465	+ 10			
5132	15 Vulpeculæ	4.7		57 23.631	11.72	25		2.4660	+ .0012	+ 39	+27 30 15.85	11.77	24		825	309	+ 6			
5135	Mayer 837	6.5		58 24.475	11.71	2		3.5621	- .0121	- 27	-22 50 55.80	11.71	2		9.902	447	+ 25			
5143	63 Aquilæ	τ	5.7	19 59 44.567	10.03	3		+2.9298	- .0021	+ 9	+ 7 1 23.75	11.50	10		+10.004	+ .366	+ 21			
5170	28 Cygni	b ²	4.8	20 6 5.060	09.68	1		2.2272	+ .0016	- 4	+36 34 27.60	09.68	1		480	272	+ 9			
5171	65 Aquilæ	θ	3.4	6 39.725	10.38	53		3.0941	- .0043	+ 21	- 1 5 20.03	09.99	59		524	378	+ 3			
5178	20 Vulpeculæ	5.9		8 14.262	12.42	22		2.5150	+ .0012	- 3	+26 12 34.51	12.42	22		640	306	- 16			
5179	66 Aquilæ	5.6		8 35.140	09.54	1		3.0978	- .0044	+ 12	- 1 16 46.57	09.54	1		666	378	- 24			
5184	68 Draconis	5.7	20 10 6.570	08.73	1			+0.9706	- .0142	+ 188	+61 48 21.01	08.73	1		+10.779	+ .115	+ 80			
5182	67 Aquilæ	ρ	5.0	10 6.805	12.78	2		2.7722	- .0004	+ 36	+14 55 22.28	12.78	2		779	336	+ 51			
5186	30 Cygni	o ¹	5.0	10 28.247	07.54	1	2	1.8845	+ .0004	+ 14	+46 32 35.27	09.59	1 (2)		805	227	- 9			
5187	31 Cygni	o ²	4.0	10 47.827	09.67	2	1	1.8887	+ .0003	+ 2	+46 28 5.05	11.42	2 (1)		830	227	+ 1			
5191	33 Cygni	4.3	11 18.460	11.66	1			+1.3891	- .0057	+ 73	+56 17 31.56	11.66	1		867	+ .166	+ 82			
5199	1 Cephei	κ	4.4	20 11 (56.3)				-1.9594	- .1680	+ 38	+77 26 26.98	09.66	8	8	+10.913	- .244	+ 26			
5197	5 Capricorni	a ¹	4.6	12 39.654	10.04	7		+3.3264	- .0085	+ 10	-12 47 12.24	10.17	3		966	+ .401	+ 6			
5198	4 Capricorni	6.0		12 44.264	10.45	5		3.5264	- .0129	+ 23	-22 5 18.15	10.45	5		972	426	- 34			
5201	24 Vulpeculæ	5.5		12 56.004	12.27	16		2.5656	+ .0011	+ 13	+24 23 36.22	12.22	17		986	308	- 20			
5202	6 Capricorni	a ²	3.8	13 3.739	11.14	31		3.3269	- .0085	+ 40	-12 49 27.68	11.23	17		10.996	401	+ 5			
5206	7 Capricorni	σ	5.5	20 14 12.080	09.16	2		+3.4647	- .0116	+ 4	-19 23 58.90	06.74	1		+11.079	+ .416	- 9			
5216	9 Capricorni	β	3.3	15 57.385	11.51	46		3.3708	- .0097	+ 24	-15 3 58.23	10.62	32		206	403	+ 1			
5220	Groombridge 3140	6.1		16 59.541	12.78	2		2.1741	+ .0018	- 7	+39 7 7.84	12.78	2		281	257	- 20			
5229	37 Cygni	γ	2.3	18 59.850	10.76	3		2.1522	+ .0020	+ 1	+39 58 5.31	09.80	4		426	253	- 3			
5232	Lalande 39173	6.0		19 56.350	09.54	1		3.6783	- .0176	+ 9	-28 57 18.26	09.54	1		494	435	+ 5			
5240	10 Capricorni	π	5.2	20 22 10.250	09.74	3		+3.4365	- .0117	+ 7	-18 30 26.40	09.74	3		+11.653	+ .403	- 13			
5244	11 Capricorni	ρ	5.0	23 43.725	11.14	39		3.4264	- .0115	- 10	-18 6 42.27	10.52	26		764	399	- 22			
	Lalande 39350-1	6.8		23 46.480	08.53	1		3.4922	- .0132	- 3	-21 12 0.72	08.53	1		766	407	+ 57			
5249	40 Cygni	5.5		24 14.120	10.89	1		2.2240	+ .0023	- 16	+38 8 38.81	10.89	1		799	257	- 71			
5248	Piazzi XX. 146	6.2		24 14.663	11.28	3		3.5242	- .0140	+ 9	-22 41 25.72	11.28	3		800	410	- 26			
5252	Bradley 2630	6.6	20 24 43.100	06.66	1			+3.4417	- .0119	+ 15	-18 53 4.58	06.66	1		+11.833	+ .400	- 90			
5253	12 Capricorni	o	6.1	24 44.415	06.66	2		3.4414	- .0119	+ 11	-18 52 53.10	06.66	2		835	400	- 86			
5254	69 Aquilæ	5.1		24 56.860	11.24	3		3.1325	- .0053	+ 42	- 3 11 7.32	10.89	15		850	363	- 21			
5255	41 Cygni	4.1		25 43.060	12.22	47		2.4500	+ .0020	+ 7	+30 4 4.26	12.27	47		904	282	- 4			
5258	42 Cygni	5.9		25 54.440	09.59	1		2.2873	+ .0024	+ 9	+36 9 13.78	09.59	1		11.917	263	- 8			
5265	45 Cygni	ω ²	4.9	20 27 16.237	09.82	3	2	+1.8569	+ .0004	+ 9	+48 38 55.95	11.78	3 (2)		+12.013	+ .212	+ 4			
5262	Mayer 866	6.2		27 30.995	11.74	7		3.5766	- .0159	+ 7	-25 14 52.09	11.74	7		030	412	- 54			
5270	2 Cephei	θ	4.3	28 4.295	08.15	2		1.0059	- .0155	+ 66	+62 41 29.19	10.33	1	14	069	117	- 18			
5272	2 Delphini	ε	4.0	28 54.795	11.38	50		+2.8657	- .0013	+ 6	+10 59 48.98	11.11	54		128	+ .327	- 26			
5280	Bradley 2673	6.4		30 24.223	10.66	1	5	-0.2308	- .0684	- 2	+72 13 36.41	10.14	3	12	231	- .032	- 25			
5278	Mayer 870	6.2	20 30 26.775	06.66	2			+3.3928	- .0112	+ 54	-16 50 7.91	06.66	2		+12.234	+ .387	- 23			
5282	4 Delphini	ζ	4.7	31 6.098	10.69	4		2.8020	- .0004	+ 26	+14 21 47.87	11.54	7		279	318	+ 4			
	Lalande 39714	6.3		32 30.827	11.59	3		+3.5722	- .0164	+ 63	-25 25 20.55	11.59	3		377	+ .404	+ 7			
5290	73 Draconis	5.2		32 42.200	11.22	2	1	-0.7535	- .1031	+ 27	+74 38 46.29	12.28	9	8	390	- .092	- 12			
5291	6 Delphini	β	3.7	33 19.719	11.41	7		+2.8056	- .0005	+ 74	+14 16 53.91	10.16	13		433	+ .316	- 37			
5301	29 Vulpeculæ	4.8	20 34 30.177	14.15	3			+2.6741	+ .0010	+ 41	+20 53 5.84	13.11	5		+12.513	+ .299	- 1			
5304	7 Delphini	κ	5.2	34 45.520	10.64	2		2.8929	- .0016	+ 213	+ 9 46 7.65	09.28	3		531	324	+ 12			
	Lalande 39816	6.3		34 50.545	11.98	2		3.5390	- .0156	+ 376	-24 6 11.08	11.98	2		537	397	+ 461			
5306	15 Capricorni	v	5.3	34 55.670	07.64	2		3.4206	- .0123	- 20	-18 27 20.67	07.64	2		542	384	- 21			
5307	Bradley 2667	5.9		34 54.450	10.35	3		2.7829	- .0002	- 1	+15 31 18.38	12.39	4		540	311	- 25			

1 Cephei. This is the principal star of the pair Σ 2675.
 Groombridge 3140. This is the principal star of the pair Σ 2668, components 6.5 and 9.2.
 6 Delphini. This is the close binary β₁₅₁, components 4.0 and 5.3.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.
			h	m	s		Above Pole.	Below Pole.				°	'	"		Above Pole.	Below Pole.			
5310	9 Delphini a	3.9	20	35	27.472	10.76	31	+2.7821	-0.0001	+ 44	+15 35 38.86	10.26	35	+12.579	+ 310	- 8				
5320	50 Cygni a	1.3	38	21.821	10.55	10	2	2.0442	+0.0022	0	+44 57 30.07	11.04	10	(2)	775	*224	- 1			
5323	11 Delphini δ	4.5	39	15.395	11.11	6		2.8022	-0.0003	- 16	+14 45 4.99	09.28	15		835	308	- 51			
5328	16 Capricorni ψ	4.3	40	46.190	12.64	4		3.5615	-0.0168	- 42	-25 35 40.07	12.99	3		937	391	- 159			
5329	17 Capricorni	5.9	40	57.030	10.79	5		3.4814	-0.0144	+ 15	-21 50 29.36	11.65	5		12.949	382	- 16			
5334	12 Delphini (Comes) γ	5.5	20	42 28.110	11.58	1		+2.7855	.0000	- 14	+15 47 59.15	11.58	1		+13.051	+ .303	- 194			
5335	12 Delphini γ	4.5	42	28.990	11.58	1		2.7855	.0000	- 23	+15 47 58.78	11.24	4		051	303	- 204			
5336	53 Cygni ε	2.6	42	34.230	12.14	3		2.3979	+0.0029	+ 288	+33 37 57.46	12.14	3		057	260	+ 322			
5337	2 Aquarii ε	3.8	42	48.329	10.65	32		3.2480	-0.0084	+ 19	- 9 49 32.60	10.17	41		072	353	- 34			
5338	3 Aquarii	4.6	42	59.370	13.60	2		3.1675	-0.0066	- 4	- 5 21 27.47	13.74	5		085	344	- 39			
5344	Piazzi XX. 332.	4.6	20	43 7.240	10.14		1	+1.4988	-0.0047	- 83	+57 15 23.02	10.14		1	+13.093	+ .160	+ 232			
5346	3 Cephei η	3.6	43	27.690	10.86	1	1	1.2120	-0.0114	+ 133	+61 29 20.67	10.59	1	6	116	128	+ 820			
5350	54 Cygni λ	4.5	43	54.147	10.98	3		2.3351	+0.0031	+ 3	+36 9 34.82	10.98	3		145	251	- 11			
5363	18 Capricorni ω	4.2	46	27.185	14.67	2		3.5872	-0.0184	- 6	-27 15 23.55	14.67	2		313	385	- 14			
5368	Piazzi XX. 339.	6.2	47	44.595	11.12	2		3.5176	-0.0163	+ 67	-24 7 14.49	11.12	2		397	376	- 56			
5371	6 Aquarii μ	4.8	20	47 48.059	10.80	30		+3.2357	-0.0082	+ 25	- 9 19 16.99	11.26	32		+13.400	+ .345	- 35			
	Lalande 40311	7.1	48	24.552	09.90	4		+3.4227	-0.0134	-	-19 27 13.93	09.47	5		440	+ .364	-			
5377	76 Draconis	5.7	49	9.712	10.22	3	2	-4.1430	-0.5437	+ 163	+82 11 55.21	10.88	26	17	489	- .453	+ 26			
5374	19 Capricorni	5.9	49	42.810	06.59	1		+3.3981	-0.0128	- 38	-18 15 52.16	10.62	2		524	+ .360	- 19			
5379	32 Vulpeculæ	5.2	50	43.428	11.92	64		+2.5564	+0.0027	- 7	+27 42 53.62	12.10	90		589	+ .268	- 2			
5388	Bradley 2749.	5.6	20	51 42.113	09.51	2	1	-2.6019	-0.3198	- 101	+80 12 54.93	11.10	9	13	+13.652	- .284	- 30			
5386	7 Aquarii	5.7	52	2.300	11.39	3		+3.2456	-0.0087	- 10	-10 2 34.07	11.45	5		674	+ .340	- 14			
5393	58 Cygni ν	4.0	53	49.039	12.48	9		2.2345	+0.0038	+ 4	+40 49 12.98	12.48	9		787	231	- 24			
5398	20 Capricorni	6.2	54	29.445	14.61	4		3.4129	-0.0136	+ 12	-19 23 4.27	14.61	4		830	354	- 25			
5402	1 Piscis Australis.	4.7	55	46.440	08.60	1		3.6881	-0.0234	+ 6	-32 36 34.32	08.60	1		911	381	+ 4			
5403	21 Capricorni	6.5	20	55 47.980	10.63	4		+3.3829	-0.0128	- 20	-17 52 55.92	10.31	3		+13.912	+ .349	- 10			
5410	59 Cygni f ¹	4.9	56	45.854	10.79	8	2	2.0388	+0.0032	+ 7	+47 10 10.09	11.44	8	(2)	13.973	207	+ 3			
5417	22 Capricorni η	4.9	59	17.117	13.68	3		3.4215	-0.0142	- 30	-20 12 40.65	14.74	2		14.130	348	- 43			
5427	23 Capricorni θ	4.2	21	0 53.379	10.28	27		3.3709	-0.0127	+ 57	-17 35 27.14	10.02	33		229	340	- 66			
5431	62 Cygni ξ	3.9	1	39.390	11.11	3	1	2.1801	+0.0042	+ 6	+43 34 6.49	12.11	3	(1)	277	217	- 3			
5430	24 Capricorni A	4.6	21	1 51.950	14.68	1		+3.5169	-0.0178	- 22	-25 21 57.95	14.68	1		+14.290	+ .354	- 51			
5433	61 Cygni	5.6	2	51.670	10.42	3		2.3354	+0.0045	+ 3529	+38 18 22.50	10.42	3		351	232	+ 3245			
5434	61 Cygni (Comes)	6.3	2	53.297	10.42	3		2.3356	+0.0045	+ 3509	+38 18 8.36	10.42	3		351	232	+ 3079			
5435	25 Capricorni χ	5.3	3	24.490	12.46	4		3.4402	-0.0152	+ 14	-21 33 20.33	12.46	4		384	343	- 57			
5436	63 Cygni f ²	4.9	3	30.064	08.47	3	3	2.0647	+0.0038	+ 11	+47 17 11.61	10.73	3	(3)	389	201	- 8			
5438	27 Capricorni	6.2	21	4 24.412	13.42	4		+3.4266	-0.0149	+ 87	-20 55 4.95	13.42	4		+14.445	+ .340	- 126			
5441	13 Aquarii ν	4.5	4	41.657	10.38	6		3.2648	-0.0098	+ 63	-11 44 11.41	10.83	13		462	.324	- 13			
5443	5 Equulei γ	4.8	5	57.960	12.65	8		+2.9141	-0.0012	+ 36	+ 9 46 6.95	12.17	13		539	+ 286	- 161			
5450	77 Draconis	5.9	7	19.059	09.52	3	4	-1.1428	-0.1778	+ 83	+77 45 41.52	11.40	23	37	620	- 120	+ 33			
5448	3 Piscis Australis	5.6	7	57.315	14.74	2		+3.5569	-0.0201	+ 71	-27 59 12.59	14.74	2		658	+ 348	- 138			
5452	64 Cygni ζ	3.4	21	9 6.315	11.53	81		+2.5520	+0.0039	- 2	+29 51 26.63	11.77	117		+14.726	+ .246	- 59			
5453	Piazzi XXI. 51.	5.7	9	30.830	09.60	2	1	1.5293	-0.0041	- 5	+59 36 58.54	10.03	2	1	751	145	+ 3			
	Lalande 41191	6.2	10	4.563	07.11	3		3.3608	-0.0131	-	-17 43 4.48	07.11	3		784	325	-			
5456	28 Capricorni φ	5.4	10	30.735	12.50	2		3.4187	-0.0151	+ 5	-21 1 32.06	12.50	2		810	330	- 2			
5460	65 Cygni τ	3.8	11	11.890	12.86	3		2.3797	+0.0051	+ 133	+37 39 39.78	12.86	3		850	227	+ 427			
4561	8 Equulei a	4.1	21	11 19.533	11.56	59		+2.9960	-0.0028	+ 38	+ 4 52 31.55	11.02	56		+14.858	+ .287	- 87			
5465	30 Capricorni	5.4	12	54.583	11.41	3		3.3680	-0.0135	+ 10	-18 21 44.90	11.41	3		14.950	321	- 4			
5469	67 Cygni σ	4.3	13	52.813	10.44	6		2.3546	+0.0055	- 4	+39 1 1.77	10.44	6		15.007	221	- 6			
5471	66 Cygni ν	4.4	14	12.998	10.00	4		2.4641	+0.0050	+ 16	+34 31 7.28	10.00	4		026	231	- 21			
5480	5 Cephei a	2.6	16	25.860	10.73	3	4	1.4129	-0.0073	+ 217	+62 12 14.52	11.26	3	13	154	128	+ 49			

12 Delphini. These stars form the pair Σ 2727.
 54 Cygni. This star is the close double OΣ 413, components 5.0 and 6.3.
 Piazzi XX. 339. This is the principal star of a close double.

61 Cygni. These stars form the pair Σ 2758.
 Piazzi XXI. 51. This star is the close double Σ 2780; components, 6.2 and 7.2.
 65 Cygni. This star is a close double, components 3.8 and 7.5.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.
							Above Pole.	Below Pole.								Above Pole.	Below Pole.			
			h	m	s						°	'	"							
5484	32 Capricorni	4.3	21	17	14.235	11.23	38	+ 3.3425	- .0129	+ 22	-17	13	5.22	11.29	30		+15.200	+ .311	+ 6	
5499	Groombridge 3548	7.4		17	38.524	10.57	90	-11.8546	-3.3196	+ 220	+86	39	57.67	10.18	142	84	222	-1.131	+ 13	
5489	1 Pegasi	4.2		17	55.430	10.99	3	+ 2.7664	+0.0019	+ 72	+19	25	8.90	10.61	13		239	+0.256	+ 58	
5494	33 Capricorni	5.5		19	3.530	10.75	3	3.4079	- .0154	- 10	-21	14	5.91	10.75	3		303	314	- 127	
5507	34 Capricorni	3.9		21	31.873	14.18	3	3.4307	- .0165	0	-22	48	4.74	14.18	3		442	313	+ 23	
5512	69 Cygni	5.8	21	22	6.280	11.75	2	+ 2.4489	+ .0058	+ 2	+36	16	42.24	11.75	2		+15.474	+ .220	- 11	
5510	35 Capricorni	6.0		22	8.827	12.73	3	3.4086	- .0158	- 18	-21	35	9.59	12.73	3		476	309	- 27	
5513	36 Capricorni	4.6		23	35.750	10.06	3	3.4164	- .0162	+ 95	-22	11	58.17	10.78	2		556	308	- 8	
5520	Mayer 916	6.5		24	56.662	10.72	6	3.3695	- .0145	+ 17	-19	32	26.38	10.72	6		630	301	- 34	
5523	71 Cygni	5.3		26	7.692	10.71	3	2.2073	+ .0065	+ 44	+46	8	37.17	13.73	3	(2)	695	194	+ 104	
5527	22 Aquarii	3.1	21	26	49.318	10.43	53	+ 3.1591	- .0071	+ 10	- 5	58	3.04	10.49	55		+15.733	+ .279	- 7	
	8 Cephei (Comes)	8.0		27	27.840	09.85	1	0.7848	- .0353	+ 22	+70	9	51.61	09.85	1		767	064	+ 5	
5532	8 Cephei	3.0		27	30.100	09.84	2	0.7851	- .0353	+ 22	+70	9	56.20	11.25	2	4	770	064	+ 5	
	Groombridge 3487	6.2		28	25.985	10.68	2	2.0135	+ .0056	+ 24	+52	13	20.76	10.68	2		820	174	+ 8	
5537	37 Capricorni	5.8		29	47.935	11.38	6	3.3768	- .0152	- 18	-20	29	8.46	11.35	5		893	293	+ 24	
5543	73 Cygni	4.2	21	30	35.746	09.59	9	+ 2.2562	+ .0071	- 26	+45	11	37.22	10.77	9	(3)	+15.936	+ .193	- 95	
5546	72 Cygni	5.0		31	5.888	12.50	4	2.4379	+ .0068	+ 98	+38	7	48.88	12.50	4		15.962	208	+ 91	
5551	23 Aquarii	4.8		32	57.729	11.30	41	3.1886	- .0082	+ 75	- 8	15	29.59	10.38	43		16.060	271	- 24	
5562	40 Capricorni	3.8		35	6.367	09.21	6	3.3150	- .0130	+ 131	-17	4	9.11	09.21	6		171	279	- 21	
5565	Piazzi XXI. 248	5.6		36	10.050	11.30	4	1.8603	+ .0041	+ 5	+57	4	54.28	11.40	5	1	226	152	+ 2	
5568	41 Capricorni	5.3	21	36	53.431	14.70	2	+ 3.4150	- .0175	+ 67	-23	40	12.74	14.70	2		+16.263	+ .284	- 93	
5570	43 Capricorni	4.8		37	38.120	11.22	2	3.3445	- .0144	+ 100	-19	16	36.28	11.22	2		301	277	- 7	
5577	Bradley 2854	7.1		37	54.745	12.63	1	0.8299	- .0357	+ 211	+70	54	8.54	11.38	1	7	315	063	- 98	
5575	Mayer 928	6.2		38	11.600	10.95	3	3.3551	- .0149	+ 58	-20	1	55.26	10.95	3		330	277	- 22	
5581	45 Capricorni	5.9		39	6.200	14.77	3	3.2814	- .0119	- 21	-15	9	43.68	14.77	3		376	269	- 1	
5584	8 Pegasi	2.5	21	39	45.936	11.20	54	+ 2.9446	- .0005	+ 17	+ 9	27	43.31	10.08	52		+16.409	+ .240	- 1	
5592	10 Pegasi	4.3		40	34.132	12.00	24	2.7126	+ .0046	+ 24	+25	13	51.97	11.37	33		449	219	+ 2	
5594	11 Cephei	4.9		40	36.290	10.11	3	0.8675	- .0341	+ 240	+70	53	48.63	10.42	3	10	451	065	+ 97	
5596	48 Capricorni	5.4		41	41.460	11.83	1	3.2307	- .0099	+ 16	-11	46	52.70	12.47	5		505	260	- 11	
5600	49 Capricorni	3.0		42	4.502	10.57	33	3.2971	- .0127	+ 179	-16	32	9.42	10.83	31		525	265	- 295	
5608	10 Cephei	4.5	21	42	51.047	12.62	2	+ 1.7306	+ .0019	- 3	+60	42	19.00	12.90	2	4	+16.562	+ .135	0	
5609	81 Cygni	4.3		43	28.006	10.60	4	2.2131	+ .0087	+ 4	+48	53	34.20	11.43	4	(1)	593	175	- 3	
5617	14 Pegasi	5.0		45	51.739	12.09	48	2.6505	+ .0064	+ 20	+29	45	17.57	11.82	69		710	206	- 27	
5618	Mayer 934	6.1		46	42.046	11.85	5	3.3259	- .0143	+ 94	-19	2	33.97	11.85	5		750	259	- 86	
5623	51 Capricorni	5.2		48	23.462	10.70	10	3.2532	- .0111	+ 211	-13	58	31.79	11.24	14		830	250	+ 9	
5627	16 Pegasi	5.1	21	48	57.976	11.36	67	+ 2.7276	+ .0053	+ 1	+25	30	5.01	11.78	88		+16.858	+ .208	+ 1	
5632	Bradley 2868	6.9		50	5.095	11.90	2	2.0170	+ .0081	+ 32	+55	47	15.82	11.90	2		911	151	+ 7	
5640	79 Draconis	6.6		51	43.904	09.50	3	0.7111	- .0483	+ 107	+73	16	35.26	11.10	14	12	988	048	+ 29	
5639	13 Cephei	6.0		51	51.560	10.40	5	2.0140	+ .0082	- 9	+56	11	5.00	10.60	4	2	16.994	149	- 4	
5645	Mayer 939	6.2		53	42.798	13.38	3	3.3497	- .0159	+ 10	-21	36	45.74	13.38	3		17.079	248	- 4	
5652	12 Pisces Australis	5.4	21	55	40.185	11.74	4	+ 3.4532	- .0217	+ 11	-28	53	8.15	11.74	4		+17.168	+ .253	+ 2	
5655	28 Aquarii	5.8		56	28.808	11.06	4	3.0704	- .0038	+ 1	+ 0	10	20.49	10.88	11		204	222	- 6	
5658	20 Pegasi	5.7		56	42.296	12.09	6	2.9183	+ .0013	+ 36	+12	41	18.69	12.31	14		214	211	- 56	
5659	Mayer 941	6.4		57	14.736	09.84	5	3.2985	- .0137	+ 75	-18	20	8.79	09.84	5		239	238	- 63	
5660	29 Aquarii (Comes)	7.2		57	31.050	11.68	1	3.2858	- .0130	+ 4	-17	23	56.43	11.68	1		251	237	+ 6	
5661	29 Aquarii	7.2	21	57	31.222	12.48	5	+ 3.2858	- .0130	+ 4	-17	23	53.25	12.48	5		+17.251	+ .237	+ 6	
5663	31 Aquarii	4.7		58	39.564	10.68	5	3.1030	- .0050	+ 9	- 2	35	24.50	11.26	10		302	221	- 11	
5674	22 Pegasi	4.9	22	1	8.433	11.78	3	3.0190	- .0017	+ 73	+ 4	37	6.11	12.00	4		410	211	+ 92	
5676	34 Aquarii	3.2		1	9.717	10.78	43	3.0813	- .0040	+ 9	- 0	45	26.23	11.21	27		411	215	- 6	

8 Cephei. These stars form the pair Σ 2806. Magnitudes from Struve.
 Piazzi XXI. 248. This is the principal star of the pair Σ 2816.
 10 Pegasi. This star is the close binary β 989, components 4.7 and 5.4.

12 Pisces Australis. This star is a close double β 276, components 6.2 and 6.6.
 29 Aquarii. These stars form the pair South 802.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion μ .0001.	Mean Dec. 1910.0.			No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion μ .001.
			h	m	s		Above Pole.	Below Pole.				o	'	"	Above Pole.	Below Pole.			
5680	33 Aquarii	4.4	22	1	34.673	10.39	6	+3.2409	-0.0111	+ 25	-14	18	23.32	10.56	7	+17.429	+ .226	- 60	
5685	20 Cephei	5.4		2	16.460	10.15	2	1.8192	+ .0060	+ 16	+62	20	47.13	09.52	9	459	123	+ 64	
5688	24 Pegasi	4.0		2	49.203	10.98	55	2.7689	+ .0061	+ 220	+24	54	19.23	11.00	79	482	190	+ 18	
5701	27 Pegasi	4.4		5	14.260	07.66	3	2.6601	+ .0089	- 45	+32	43	56.36	07.66	3	585	179	- 72	
5703	26 Pegasi	3.7		5	39.646	09.10	5	3.0081	- .0010	+ 184	+ 5	45	17.57	11.17	12	603	202	+ 34	
5709	29 Pegasi	4.4	22	5	59.333	09.92	6	+2.6625	+ .0089	- 10	+32	44	10.68	09.92	6	+17.616	+ .178	- 23	
5710	28 Pegasi	6.4		6	14.945	07.40	2	2.8341	+ .0048	- 21	+20	32	7.58	10.22	10	627	189	- 13	
5712	39 Aquarii	6.2		7	34.710	13.08	3	3.2369	- .0111	+ 12	-14	38	13.83	13.08	3	682	215	- 46	
5714	21 Cephei	3.6		7	43.855	09.64	3	2.0757	+ .0116	+ 13	+57	45	26.83	09.46	3	689	135	+ 7	
5716	24 Cephei	5.0		8	4.810	10.51	4	1.1545	- .0227	+ 61	+71	53	51.81	10.63	16	703	071	+ 4	
5719	22 Cephei	5.2	22	8	27.200	10.33	2	+2.0334	+ .0111	+ 29	+58	58	13.60	10.33	2	+17.718	+ .131	- 6	
5726	16 Pisces Australis	5.4		9	12.897	13.71	3	3.4057	- .0209	+ 18	-28	12	47.58	13.71	3	749	223	- 3	
5732	Piazzi XXII. 36	4.6		10	0.815	09.10	4	2.5681	+ .0113	+ 42	+39	16	5.20	09.10	4	782	165	+ 5	
5744	43 Aquarii	4.3		12	5.142	11.68	46	3.1602	- .0075	+ 74	- 8	13	54.19	11.20	48	864	201	- 19	
5752	45 Aquarii	6.1		14	11.035	14.67	2	3.2183	- .0105	+ 49	-13	45	20.66	14.67	2	947	201	- 19	
5755	46 Aquarii	5.4	22	15	27.880	09.25	4	+3.1581	- .0074	+ 6	- 8	16	24.54	10.50	9	+17.997	+ .195	- 5	
5759	47 Aquarii	5.4		16	38.340	12.76	2	3.3084	- .0159	- 14	-22	2	57.86	12.76	2	18.042	203	- 87	
5761	48 Aquarii	4.0		17	0.506	10.25	29	3.0912	- .0041	+ 82	- 1	50	27.85	10.89	29	056	188	+ 9	
5762	31 Pegasi	4.9		17	5.280	10.70	2	2.9518	+ .0020	+ 3	+11	45	6.10	10.16	4	059	179	+ 5	
5763	32 Pegasi	4.9		17	9.918	12.52	39	2.7659	+ .0084	+ 4	+27	52	37.07	12.46	45	062	167	- 2	
5764	2 Lacertae	4.7	22	17	18.338	08.32	2	+2.4712	+ .0141	+ 19	+46	4	59.28	08.32	2	+18.067	+ .148	0	
5774	50 Aquarii	5.9		19	37.900	09.77	8	3.2137	- .0105	+ 32	-13	59	8.44	09.77	8	154	191	+ 16	
5776	3 Lacertae	4.6		20	1.112	09.17	3	+2.3555	+ .0156	- 16	+51	46	40.18	08.39	3	169	+ 137	- 190	
5784	Bradley 2993	5.4		20	36.208	10.30	1	-4.3200	-1.3595	+ 514	+85	39	19.55	12.45	10	190	- 273	+ 49	
5777	52 Aquarii	4.6		20	40.817	11.18	3	+3.0635	-0.0027	+ 7	+ 0	55	13.52	11.09	7	193	+ .180	+ 3	
5781	53 Aquarii (Comes)	6.6	22	21	41.095	11.45	4	+3.2446	- .0125	+ 180	-17	11	56.23	11.45	4	+18.230	+ .189	- 6	
5782	53 Aquarii	6.4		21	41.437	11.70	3	3.2446	- .0125	+ 157	-17	11	59.31	11.70	3	230	189	+ 4	
5793	55 Aquarii (Comes)	4.6		24	11.828	13.07	4	3.0771	- .0032	+ 115	- 0	28	49.74	13.07	4	320	174	+ 16	
5794	55 Aquarii	4.4		24	11.955	13.35	4	3.0771	- .0032	+ 138	- 0	28	52.08	13.35	4	320	174	+ 45	
5799	Bradley 2961	6.2		25	12.847	12.50	3	3.2002	- .0100	+ 124	-13	22	33.46	12.50	3	356	180	- 7	
5801	56 Aquarii	6.4	22	25	28.165	13.17	2	+3.2165	- .0110	+ 25	-15	2	45.51	13.17	2	+18.365	+ .180	- 41	
5807	27 Cephei	var.		25	49.513	09.39	1	2.2198	+ .0169	+ 15	+57	57	15.53	09.00	1	378	121	+ 3	
5803	57 Aquarii	4.9		25	53.142	10.72	42	3.1775	- .0087	0	-11	8	19.45	10.11	39	379	177	- 30	
5806	38 Pegasi	5.5		25	54.750	12.31	2	2.7378	+ .0107	+ 25	+32	6	42.98	13.07	4	380	152	- 16	
5812	58 Aquarii	6.4		26	55.195	14.67	2	3.1786	- .0089	+ 41	-11	22	1.29	14.67	2	415	175	- 41	
5813	7 Lacertae	3.9	22	27	34.811	11.91	4	+2.4515	+ .0169	+ 145	+49	49	9.96	12.05	4	+18.438	+ .134	+ 13	
5819	59 Aquarii	5.3		29	46.390	10.87	1	3.2710	- .0149	+ 155	-21	10	9.69	10.87	1	513	175	- 148	
5827	Groombridge 3834	5.7		30	41.568	10.36	1	1.0718	- .0348	- 43	+75	45	44.88	10.32	3	543	051	- 1	
5824	62 Aquarii	4.1		30	43.939	10.47	35	3.9777	- .0030	+ 60	- 0	34	53.84	10.84	32	545	163	- 54	
5835	63 Aquarii	5.3		33	5.760	10.66	1	3.1131	- .0050	- 52	- 4	41	32.29	12.67	3	622	160	- 115	
5838	31 Cephei	5.2	22	33	32.667	10.47	2	+1.4446	- .0073	+ 392	+73	10	33.14	10.90	2	+18.636	+ .070	+ 21	
5844	10 Lacertae	4.9		35	13.236	11.38	5	2.6870	+ .0143	0	+38	34	54.27	11.38	5	690	134	- 9	
5848	30 Cephei	5.2		35	27.256	09.91	1	2.1219	+ .0188	- 2	+63	6	59.25	09.92	1	697	103	- 19	
5849	18 Pisces Australis	4.2		35	40.880	07.69	1	3.3229	- .0195	+ 18	-27	30	47.24	07.69	1	705	166	- 2	
5853	42 Pegasi	3.6		36	58.379	11.10	35	2.9859	+ .0023	+ 52	+10	21	40.91	11.13	51	745	146	- 12	
5862	Mayer 963	6.5	22	38	20.530	14.75	2	+3.1445	- .0070	+ 17	- 8	46	57.47	14.75	2	+18.787	+ .152	- 5	
5863	67 Aquarii	6.3		38	32.332	11.72	6	3.1332	- .0062	+ 11	- 7	26	2.82	12.18	11	793	151	- 21	
5865	44 Aquarii	3.1		38	46.882	11.79	32	2.8074	+ .0109	+ 8	+29	45	1.40	11.83	34	800	134	- 35	
5869	13 Lacertae	5.2		40	4.520	09.08	4	2.6707	+ .0161	- 8	+41	20	47.79	09.08	4	839	125	+ 6	
5875	47 Pegasi	4.1		42	11.694	11.26	11	2.8828	+ .0084	+ 42	+23	5	30.65	11.98	26	902	132	- 14	

55 Aquarii. These stars form the pair Σ 2909.
Mayer 963. This is the principal star of the pair Σ 2935.

No. in Boss' Catalogue, 1900.	STARS NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion '0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion '0001.
			h	m	s		Above Pole.	Below Pole.				o	'	"		Above Pole.	Below Pole.			
5879	69 Aquarii τ^1	5.7	22	42	56.143	10.26	7	+ 3.1868	- .0101	+ 24	-14 31 50.79	10.26	7	+ 18.923	+ .145	- 13				
5882	70 Aquarii	6.2		43	46.125	12.66	6	3.1576	- .0080	+ 30	-11 1 51.06	12.97	7	947	142	+ 8				
5884	71 Aquarii τ^2	4.2		44	49.684	10.28	7	3.1804	- .0097	- 11	-14 4 3.96	10.29	12	18.977	141	- 36				
5885	48 Pegasi μ	3.7		45	39.478	11.03	67	2.8818	+ .0091	+ 107	+24 7 34.13	11.67	81	19.001	126	- 45				
5891	32 Cephei ϵ	3.7		46	28.383	09.52	2	2.1379	+ .0230	- 110	+65 43 37.01	09.99	2	023	090	- 121				
5895	73 Aquarii λ	3.8	22	47	55.209	10.97	32	+ 3.1310	- .0062	+ 3	- 8 3 31.36	11.15	28	+ 19.063	+ .133	+ 36				
5901	74 Aquarii	5.9		48	44.458	09.79	16	3.1601	- .0083	+ 11	-12 5 42.35	09.59	15	085	133	+ 1				
5904	76 Aquarii δ	3.5		49	52.610	10.11	3	3.1901	- .0109	- 33	-16 17 57.97	10.11	3	115	132	- 21				
5905	78 Aquarii	6.3		49	53.070	13.85	2	3.1268	- .0059	- 16	- 7 40 59.63	13.85	2	115	129	- 34				
5909	Piazzi XXII. 250 . . .	5.9		50	30.986	11.51	5	3.1107	- .0046	+ 12	- 5 28 2.58	11.13	10	132	127	- 3				
5916	24 Pisces Australis. α	1.3	22	52	40.832	11.25	26	+ 3.2968	- .0208	+ 250	-30 5 57.93	10.90	31	+ 19.188	+ .131	- 166				
5922	52 Pegasi	5.8		54	41.645	11.44	6	2.9978	+ .0038	+ 17	+11 14 51.77	11.99	18	238	115	- 41				
5923	Bradley 3264	6.3		54	51.386	09.36	5	+ 3.1628	- .0089	- 8	-13 33 11.49	09.27	4	242	+ .121	+ 8				
5927	Bradley 3058	5.0		55	9.604	11.22	4	- 0.3986	- .3361	+ 635	+83 51 52.61	11.97	29	249	- .024	+ 30				
5933	1 Andromedæ σ	3.6		57	46.628	11.01	9	+ 2.7516	+ .0190	+ 21	+41 50 32.03	11.00	8	312	+ .099	- 21				
5934	82 Aquarii	6.5	22	57	52.220	14.71	3	+ 3.1168	- .0052	0	- 7 3 26.39	14.71	3	+ 19.314	+ .114	- 39				
5939	4 Piscium β	4.6		59	17.800	07.69	1	3.0521	+ .0003	+ 7	+ 3 20 7.43	09.20	8	347	108	- 8				
5940	53 Pegasi β	var.		59	24.521	12.28	34	2.8900	+ .0119	+ 144	+27 35 40.34	12.47	42	349	102	+ 133				
5942	3 Andromedæ	4.9	23	0	8.450	07.81	1	2.6675	+ .0237	+ 169	+49 33 45.88	07.81	1	366	092	+ 161				
5944	54 Pegasi α	2.6		0	16.614	10.98	58	2.9820	+ .0058	+ 49	+14 43 15.26	10.96	51	369	104	- 45				
5945	83 Aquarii β^1	5.6	23	0	28.270	09.66	2	+ 3.1217	- .0057	+ 82	- 8 10 47.11	09.66	2	+ 19.373	+ .109	+ 17				
5950	86 Aquarii σ^1	4.8		1	50.880	08.82	1	3.2235	- .0157	+ 50	-24 13 45.63	08.82	1	404	110	0				
5952	55 Pegasi	4.7		2	28.232	10.01	5	3.0204	+ .0031	+ 5	+ 8 55 23.51	10.57	10	418	101	- 14				
5958	5 Andromedæ	5.8		3	39.880	10.66	4	2.7010	+ .0241	+ 150	+48 48 19.59	09.87	4	444	088	+ 126				
5959	5 Piscium Λ	5.6		4	4.345	13.24	2	3.0633	- .0004	+ 91	+ 1 38 15.65	13.24	2	452	100	+ 110				
5960	88 Aquarii ϵ^2	3.8	23	4	38.995	10.83	2	+ 3.1994	- .0137	+ 33	-21 39 38.86	10.83	2	+ 19.464	+ .103	+ 37				
5962	57 Pegasi	5.4		4	58.988	11.26	2	3.0268	+ .0030	+ 2	+ 8 11 22.19	11.58	8	471	097	+ 2				
5966	33 Cephei π	4.6		5	1.876	11.84	3	1.8959	+ .0246	+ 30	+74 54 3.10	13.47	16	472	057	- 25				
5973	59 Pegasi	5.2		7	11.542	12.46	7	3.0284	+ .0031	- 11	+ 8 13 52.76	12.23	19	516	093	- 6				
5976	Bradley 3077	5.7		8	56.513	11.87	3	2.6236	+ .0307	+ 2525	+56 40 16.90	12.62	3	551	076	+ 296				
5978	90 Aquarii ϕ	4.4	23	9	39.716	11.46	10	+ 3.1058	- .0044	+ 18	- 6 32 3.38	10.89	18	+ 19.564	+ .091	- 191				
	Lalande 45490	6.4		9	58.797	10.21	9	3.1297	- .0069	-	-11 10 40.87	10.21	9	570	091	0				
5980	B.F. 3183	5.6		10	56.120	14.75	1	3.0923	- .0029	- 12	- 3 59 14.35	14.75	1	588	087	0				
5981	91 Aquarii ψ^1	4.5		11	10.702	11.74	4	3.1203	- .0059	+ 248	- 9 34 40.84	12.14	5	593	088	- 13				
5986	92 Aquarii χ	5.1		12	11.108	13.28	4	3.1125	- .0051	- 12	- 8 13 2.78	12.41	3	611	086	- 13				
5988	6 Piscium γ	3.9	23	12	29.979	10.64	57	+ 3.0591	+ .0006	+ 502	+ 2 47 25.62	10.93	45	+ 19.617	+ .084	+ 19				
5992	93 Aquarii ψ^2	4.6		13	13.670	12.65	1	3.1187	- .0058	+ 9	- 9 40 25.41	12.65	1	630	084	- 3				
5995	Sculptoris γ	4.5		13	58.040	09.84	1	3.2458	- .0219	+ 20	-33 1 18.93	09.84	1	643	086	- 66				
5997	95 Aquarii ψ^3	5.2		14	16.843	10.28	11	3.1197	- .0060	+ 32	-10 6 10.19	10.26	13	648	082	+ 2				
6000	34 Cephei σ	4.9		14	55.519	08.68	4	2.4384	+ .0415	+ 111	+67 37 8.39	09.16	4	660	061	+ 17				
6003	10 Andromedæ	6.0	23	15	35.138	10.52	4	+ 2.8441	+ .0216	+ 38	+41 35 6.97	10.52	4	+ 19.671	+ .072	+ 8				
	B.F. 3194	6.5		15	35.957	14.34	3	3.0923	- .0029	+ 191	- 4 24 32.28	14.34	3	671	079	- 118				
	Lalande 45698-9 . . .	6.3		16	2.530	09.53	5	3.1011	- .0039	- 99	- 6 23 57.81	08.18	4	679	078	- 65				
6005	62 Pegasi τ	4.7		16	10.827	10.14	7	2.9634	+ .0111	+ 20	+23 14 51.81	10.73	18	681	074	- 21				
6007	Piazzi XXIII. 55 . . .	5.8		16	27.818	13.41	2	3.2037	- .0171	- 21	-27 28 45.70	13.41	2	685	080	- 46				
6012	98 Aquarii β^1	4.2	23	18	14.730	10.90	7	+ 3.1635	- .0122	- 87	-20 35 30.82	10.59	6	+ 19.714	+ .075	- 93				
6025	4 Cassiopeiæ	5.2		20	50.054	10.39	3	2.6488	+ .0396	+ 17	+61 47 19.12	09.83	3	754	057	- 8				
6024	68 Pegasi ν	4.6		20	53.160	12.19	6	2.9766	+ .0114	+ 137	+22 54 31.07	12.47	10	755	065	+ 28				
6031	8 Piscium κ	4.9		22	19.117	10.84	60	3.0696	+ .0002	+ 57	+ 0 45 46.07	11.05	45	776	065	- 90				
6037	10 Piscium θ	4.5		23	24.137	12.50	3	3.0506	+ .0028	- 88	+ 5 53 4.86	12.08	9	791	062	- 43				

69 Aquarii. This is the principal star of the pair Σ 2944.
 52 Pegasi. This star is the close double O Σ 483, components 6.2 and 7.7.
 Piazzi XXII. 250. This is the close double β 178, components 6.3 and 8.1.
 53 Pegasi. Limits of magnitude 2.2 to 2.7.

83 Aquarii. This is a close binary, components 6.4 and 6.4.
 33 Cephei. This star is the close double O Σ 489.
 34 Cephei. This is the principal star of the pair Σ 3001.

No. in Boss' Catalogue, 1900.	STAR'S NAME.	Magnitude.	Mean R.A. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "0001.	Mean Dec. 1910.0.			Mean Date of Obs. 1900+	No. of Obs.		Annual Precession 1910.0.	Secular Variation 1910.0.	Annual Proper Motion "001.
							Above Pole.	Below Pole.								Above Pole.	Below Pole.			
			h	m	s			s	s		°	'	"			"	"			
6040	Lalande 45965	6.5	23	24	21.370	11.66	3	+3.1081	- .0053		- 9	45	40.84	11.66	3	+19.804	+ .062	✓		
6042	70 Pegasi	4.7	24	36.180	10.76	5	3.0278	+ .0061	+ 38	+ 12	15	50.55	10.87	8	807	060	+ 27			
6046	Mayer 997	6.4	24	52.910	13.85	2	3.0904	- .0027	+ 115	- 5	1	21.74	13.85	2	811	060	- 226			
6046	Piazzi XXIII. 101	4.9	25	52.140	13.82	2	2.7546	+ .0376	+ 31	+ 58	3	9.69	13.82	2	824	051	+ 13			
6048	Mayer 1000	6.5	26	52.605	14.30	2	3.0879	- .0024	+ 114	- 4	34	45.47	14.30	2	837	057	- 179			
6051	13 Piscium	6.5	23	27	20.510	14.90	1	+3.0777	- .0008	- 1	- 1	35	0.00	14.90	1	+19.843	+ .055	+ 23		
6056	Bradley 3147	5.6	27	47.325	10.82	81	26	-0.2900	- .6295	+ 970	+ 86	48	39.87	10.30	163	122	848	- .015	+ 18	
6057	100 Aquarii	4.8	28	34.110	06.77	1	+3.1441	- .0120	- 5	- 21	24	41.16	06.77	1	858	+ .053	+ 17			
6059	72 Pegasi	5.2	29	29.123	12.31	14	2.9666	+ .0166	+ 40	+ 30	49	43.00	12.44	17	869	049	- 12			
6060	14 Piscium	6.0	29	31.370	14.16	2	3.0779	- .0007	+ 71	- 1	44	40.06	13.99	3	869	051	- 9			
6065	Mayer 1003	6.5	23	30	53.580	09.74	5	+3.0962	- .0041	- 6	- 7	57	45.57	10.10	6	+19.885	+ .049	+ 20		
6071	16 Andromedæ	4.0	33	9.243	10.36	4	2.9109	+ .0278	+ 149	+ 45	58	14.10	10.36	4	909	041	- 421			
6073	17 Andromedæ	4.3	33	43.075	09.09	3	1	2.9310	+ .0254	+ 24	+ 42	46	11.97	08.74	3	(1)	914	040	- 3	
6077	17 Piscium	4.3	35	19.240	10.73	58	3.0596	+ .0032	+ 248	+ 5	8	18.52	10.62	39	930	040	- 439			
6078	35 Cephei	3.4	35	38.652	09.56	1	3	2.4523	+ .0783	- 180	+ 77	7	47.99	11.53	16	19	933	030	+ 158	
6080	19 Andromedæ	4.3	23	35	58.200	10.84	1	+2.9382	+ .0266	+ 73	+ 43	50	8.28	10.84	1	+19.936	+ .037	- 24		
6084	18 Piscium	4.6	37	27.240	10.90	6	3.0696	+ .0013	- 92	+ 1	17	5.16	11.89	10	949	036	- 144			
6087	105 Aquarii	4.6	38	3.408	11.02	4	3.1068	- .0076	+ 60	- 15	2	33.30	11.76	5	954	035	- 60			
6095	106 Aquarii	5.3	39	32.100	11.19	3	3.1130	- .0097	+ 20	- 18	46	34.53	11.19	3	966	032	0			
6101	20 Andromedæ	5.1	41	34.160	09.28	2	2.9616	+ .0294	+ 12	+ 45	55	14.36	09.28	2	(2)	981	026	- 18		
6102	19 Piscium	5.3	23	41	47.552	10.82	5	+3.0670	+ .0024	- 34	+ 2	59	15.17	10.58	18	+19.983	+ .027	- 20		
	Lalande 46609	7.5	43	1.701	09.79	8	3.0811	- .0017	+ 32	- 4	57	42.77	09.79	8	991	025	- 37			
6107	20 Piscium	5.6	43	18.980	13.70	1	3.0780	- .0008	+ 63	- 3	15	43.20	13.70	1	993	024	+ 6			
6108	Bradley 3166	5.0	43	35.940	10.77	2	4	2.8440	+ .0616	+ 19	+ 67	18	24.49	11.57	2	7	995	021	+ 2	
6109	Mayer 1012	6.3	43	54.984	09.08	10	3.0838	- .0026	- 1	- 6	52	48.73	09.08	10	997	023	- 26			
6110	Sculptoris	4.6	23	44	14.397	10.94	22	+3.1226	- .0157	+ 80	- 28	37	40.77	10.53	19	+19.999	+ .023	- 101		
6113	21 Piscium	5.8	44	50.960	14.90	1	3.0716	+ .0013	- 4	+ 0	34	34.69	14.90	1	20.002	.021	- 26			
6127	81 Pegasi	5.2	47	54.470	10.98	10	3.0487	+ .0112	- 11	+ 18	37	13.76	11.10	16	018	.015	- 44			
6132	24 Piscium	6.1	48	18.222	10.73	6	3.0769	- .0007	+ 47	- 3	39	18.23	10.54	5	020	.014	- 45			
6133	25 Piscium	6.2	48	28.170	08.31	2	3.0706	+ .0020	+ 8	+ 1	35	24.97	10.55	4	020	.014	- 6			
6134	Piazzi XXIII. 222	6.2	23	48	41.730	10.84	1	+3.1028	- .0128	+ 32	- 24	43	47.28	10.84	1	+20.022	+ .014	- 1		
6135	7 Cassiopeiæ	4.9	49	52.860	11.03	2	3	2.9817	+ .0446	- 6	+ 56	59	54.79	11.29	2	3	026	011	+ 5	
6137	Mayer 1017	6.0	50	10.228	14.04	4	3.0729	+ .0011	- 38	- 0	23	28.41	14.04	4	028	011	- 6			
6138	Groombridge 4163	6.7	50	26.421	09.85	1	5	2.8792	+ .0918	- 28	+ 73	54	34.37	10.89	1	20	029	009	- 7	
6150	84 Pegasi	4.8	53	10.255	11.76	32	3.0542	+ .0150	- 31	+ 24	38	28.48	11.82	34	037	004	- 37			
6153	27 Piscium	5.1	23	54	3.961	09.53	11	+3.0750	- .0006	- 38	- 4	3	18.96	09.30	15	+20.039	+ .003	- 67		
6156	28 Piscium	4.0	54	41.334	10.08	48	3.0690	+ .0049	+ 101	+ 6	21	54.11	10.26	40	041	+ .002	- 109			
6169	30 Piscium	5.2	57	12.815	12.38	2	3.0735	- .0001	+ 8	- 3	31	42.28	12.38	2	045	- .002	- 11			
6171	29 Piscium	4.7	57	20.667	09.55	7	3.0743	- .0017	+ 27	- 6	30	51.04	09.89	10	045	.003	- 34			
6179	2 Ceti	4.6	59	7.831	11.62	60	3.0741	- .0078	+ 13	- 17	50	12.73	11.32	35	046	007	- 8			

72 Pegasi. This star is the close binary β 720, components 6.0 and 6.0.

GREENWICH CATALOGUE OF STARS FOR 1910·0

PART II.

CATALOGUE OF STARS IN THE ZONE

+ 24°.0' TO + 32°.0'

OBSERVED AT THE ROYAL OBSERVATORY, GREENWICH

1906—1914

AND REDUCED WITHOUT PROPER MOTIONS TO THE EPOCH

1910·0

INTRODUCTION.

1. *Right Ascensions and Declinations.*

The results contained in the following catalogue are derived from observations made with the Transit-Circle in the years 1906 to 1914. The catalogue was undertaken to provide reference stars for the Oxford Zones of the *Astrographic Catalogue*. All stars of magnitude 9^m.0 and brighter on the scale of the catalogues of the *Astronomische Gesellschaft* were observed. About 120 fainter stars principally at 4^h and 11^h to 13^h were added later to provide sufficient reference stars in regions where the number to 9^m.0 was not enough.

With few exceptions each star was observed five times. The separate observations made in the years 1906 to 1909 are printed in the Greenwich volumes for those years. In 1910 this practice was discontinued. A complete ledger of all the observations has been formed in manuscript, of which a specimen is given for the first four stars, but it has not been considered necessary to print the ledger. It will be noticed that corrections to R.A. for magnitude equation, and to declination for R—D discordance are applied in the ledger.

Specimen of Ledger of 1910 Catalogue.

Frac- tion of Year 1900+	Month and Day.	Observer.	R.A. 1910.0.	Corr. for Magni- tude Equa- tion.	Dec. 1910.0.	Frac- tion of Year 1900+	Month and Day.	Observer.	R.A. 1910.0.	Corr. for Magni- tude Equa- tion.	Dec. 1910.0.
B.D. 28° 1697 (8 ^m .9)						B.D. 23° 4852 (9 ^m .0)					
			0 ^h 0 ^m s	s	29° 13'				0 ^h 0 ^m s	s	24° 12'
7.9	Dec. 11	JS	0.86	-.06	17.65	10.9	Nov. 16	W	9.31	-.10	2.70
11.9	Nov. 15	W	1.01	-.09	17.84	11.8	Oct. 30	W	.31	-.10	3.34
11.9	Dec. 5	W	1.11	-.09	16.61	11.8	Nov. 6	RC	.48	-.10	2.66
11.9	Dec. 9	GB	0.82	-.02	16.84	12.9	Nov. 9	W	.38	-.10	2.04
13.7	Sept. 17	W	1.05	-.09	17.27	12.9	Dec. 16	HA	.47	-.10	3.51
11.5			0.97	-.07	17.24	12.1			9.39	-.10	2.85
			-.07		-.27				-.10		-.32
			0.90		16.97				9.29		2.53

Specimen of Ledger of 1910 Catalogue—continued.

Fraction of Year 1900+	Month and Day.	Observer.	R.A. 1910.0.	Corr. for Magnitude Equation.	Dec. 1910.0.	Fraction of Year 1900+	Month and Day.	Observer.	R.A. 1910.0.	Corr. for Magnitude Equation.	Dec. 1910.0.
B.D. 29° 5057 (8 ^m .3)						B.D. 25° 5068 (6 ^m .7)					
			o ^h o ^m s	.. s	29° 35' "				o ^h o ^m s	s	26° 8' "
7.8	Oct. 7	W	14.08	-.06	8.75	7.6	Aug. 27	GC	17.99	-.02	53.00
8.7	Sept. 14	SD	.15	-.04	8.01	8.9	Nov. 19	SD	.93	-.02	54.06
10.9	Nov. 25	S	.23	-.06	7.57	8.9	Dec. 12	GC	.96	-.02	52.82
11.8	Oct. 17	RC	.10	-.06	9.59	11.9	Dec. 6	WD	18.00	-.05	54.02
12.8	Oct. 8	HA	.15	-.06	8.77	12.8	Oct. 7	RC	17.93	-.03	53.82
10.4			14.14	-.05	8.54	10.0			17.96	-.03	53.74
			-.05		-.27				-.03		-.30
			14.09		8.27				17.93		53.44

The observations are reduced to the Epoch 1910.0 by the application of Newcomb's Precession, but without proper motion. The details of the reduction as well as the conditions of observation, are similar to those of the fundamental stars in Part I. of this volume. The only feature in the reductions which requires special notice is that of the correction for magnitude equation.

Correction for Magnitude Equation.

In dealing with the correction for magnitude equation, and with the discussion of the star places on pp. B v and B vi, it is to be clearly understood that the values of magnitude are those given in the *Gesellschaft Catalogues*, and not the magnitudes given in the catalogue itself, which were adopted afterwards from later material given by Prof. Pickering in connection with the spectral types.

The determination of the correction for magnitude equation was effected by means of a comparison with the *Bonn Catalogue for 1900*, published by Prof. Küstner in 1908. The Bonn Catalogue contains stars of all magnitudes between the equator and 51° North declination observed with special attention to freeing the right ascensions from the effect of magnitude equation. To test the freedom of the right ascensions of Küstner's Catalogue from magnitude equation, a number of the stars were reobserved with the Altazimuth used as a Transit-Circle

after the introduction of a travelling-wire micrometer. Comparison with these observations gave the following results—

Magnitude.		Difference.	Number of Stars.
m	m	s	
4.0	4.9	+0.025	15
5.0	5.9	-0.008	66
6.0	6.9	-0.006	90
7.0	7.9	-0.015	117
8.0	8.4	-0.007	151
8.5	8.9	-0.005	188
9.0	9.5	-0.004	115

Between the limits of magnitude $5^m.0$ — $9^m.0$, which comprises most of the stars of this catalogue, the results obtained with the travelling micrometer are seen to be in very close agreement with Küstner's Catalogue, and thus a confirmation is obtained of its freedom from magnitude equation.

The Bonn positions were brought up to 1910.0 with the precessions given in the catalogue, proper motions being applied wherever they amounted to ± 0.1 (the mean interval between the Greenwich and Bonn Catalogues is about twelve years). The observations made with the Transit-Circle were compared with these positions, and the magnitude equation determined for each observer. No less than twenty observers participated in the observations, though only seven or eight took a substantial share in them. The observers are :—

Mr Acton - - HA	Mr Davies - - HD	Mr Percival - - P
„ Bartle - - GB	„ Eddington - SE	„ Rotherham - R
„ Chapman - SC	„ Evans - - JE	„ Shepperd - S
„ Cody - - GC	„ Evans - - BE	„ Storey - - JS
„ Cullen - - RC	„ Green - - G	„ White - - PW
„ Daniels - - SD	„ James - - J	„ Witchell - - W
„ Davies - - WD	„ Jeffries - - FJ	

The four observers W, RC, HA, and WD made observations extending from 1906 to 1914. A separate comparison of their observations with Küstner's Catalogue was made for the two periods 1906–11 and 1912–14.

Though considerable differences are shown in some instances between the results for the two periods it was considered best to adopt in all cases the mean results for each observer for the whole period.

The results are shown in the following table :—

* *Magnitude Equations for the periods 1906-11 and 1912-14*

(Unit s-001. Number of observations indicated by subscript figures.)

Observer.	Period.	5 ^m .0-5 ^m .9	6 ^m .0-6 ^m .9	7 ^m .0-7 ^m .9	8 ^m .0-8 ^m .4	8 ^m .5-8 ^m .9	9 ^m .0-
W	1906-11	-27 ₁₅	-15 ₂₉	-35 ₆₄	-66 ₁₀₄	-72 ₂₁₅	-95 ₁₈₇
	1912-14	-40 ₁₁	-31 ₈	-66 ₃₁	-69 ₅₈	-102 ₁₂₁	-134 ₁₃₉
	1906-14	-33	-19	-45	-67	-82	-112
RC	1906-11	-14 ₁₄	-43 ₁₈	-17 ₅₂	-44 ₁₀₀	-37 ₁₃₈	-70 ₁₃₃
	1912-14	-21 ₈	-28 ₁₅	-52 ₃₇	-102 ₅₇	-103 ₁₁₁	-127 ₁₄₇
	1906-14	-16	-36	-32	-65	-66	-100
HA	1906-11	-25 ₂₉	-34 ₆₃	-42 ₈₀	-55 ₇₉	-74 ₅₅	-88 ₁₉
	1912-14	-30 ₁₂	-40 ₁₂	-56 ₃₂	-63 ₄₅	-73 ₁₂₉	-104 ₁₀₆
	1906-14	-27	-35	-46	-58	-73	-102
WD	1906-11	-41 ₁₆	-50 ₂₄	-43 ₂₁	-49 ₂₀	-26 ₃₆	-25 ₄₁
	1912-14	-19 ₁₃	-36 ₁₆	-75 ₃₄	-66 ₃₇	-88 ₆₈	-93 ₇₂
	1906-14	-31	-44	-63	-60	-67	-68

After the magnitude equations had been determined for the different observers it was found that they could be conveniently classified into four groups. These are shown in the following table, where the results are given for fourteen observers ; those for the remaining six, who had made comparatively few observations, are not given.

Magnitude Equation of the Different Observers.

(Unit s-001. Number of observations indicated by subscript figures.)

	Obs.	5 ^m .5.	6 ^m .5.	7 ^m .5	8 ^m .2.	8 ^m .7.	9 ^m .1.
Group I.	E	-31 ₂₀	-41 ₂₄	-50 ₅₃	-41 ₆₂	-56 ₆₉	-63 ₂₁
	P	-22 ₅	-65 ₆	-87 ₂₄	-79 ₃₀	-87 ₂₃	-90 ₆
	HD	-70 ₂	-68 ₉	-83 ₁₅	-88 ₂₅	-93 ₃₁	-80 ₃₉
	WD	-31 ₂₉	-44 ₄₀	-63 ₅₅	-60 ₅₇	-67 ₁₀₄	-68 ₁₁₃
	Mean	-31	-47	-66	-61	-69	-71
Group II.	JS	-1 ₁₂	-20 ₂₀	-25 ₂₇	-17 ₃₄	-50 ₃₃	-70 ₁₄
	GC	+8 ₁₃	-18 ₃₂	-19 ₄₃	-69 ₁₀	-66 ₁₄	-80 ₁
	PW	-17 ₃	-29 ₁₀	-35 ₁₂	-62 ₅	-56 ₁₅	-56 ₉
	SD	-33 ₁₇	-27 ₁₈	-32 ₃₂	-35 ₃₉	-40 ₃₃	-80 ₁₆
	Mean	-12	-22	-26	-33	-50	-70
Group III.	W	-33 ₂₆	-19 ₃₇	-45 ₉₅	-67 ₁₆₂	-82 ₃₃₆	-112 ₃₂₆
	RC	-16 ₂₂	-36 ₃₃	-32 ₈₉	-65 ₁₅₇	-66 ₂₄₉	-100 ₂₈₀
	HA	-27 ₄₁	-35 ₇₅	-46 ₁₁₂	-58 ₁₂₄	-73 ₁₈₄	-102 ₁₂₅
	Mean	-25	-31	-41	-63	-76	-106
Group IV.	GB	+10 ₁₄	-24 ₁₀	-47 ₂₂	-11 ₃₅	-26 ₄₇	-57 ₂₇
	BE	-6 ₁₈	-32 ₁₆	-20 ₅₂	-18 ₇₃	-26 ₉₀	-32 ₅₃
	FJ	-5 ₁₂	-16 ₁₁	-10 ₁₅	0 ₂₅	-24 ₆₀	-7 ₆₇
	Mean	0	-24	-25	-12	-25	-24

* It should be noted that the magnitudes employed here are those of the A. G. Catalogues, and not those printed in this volume.

In this manner corrections for magnitude equation of all the observers have been determined, and are embodied in the following table :—

Magnitude.	Group I.	Group II.	Group III.	Group IV.
	E; P; WD; HD.	JS; PW; SD; G; GC; C.	W; S; RC; R; HA; SE.	BE; GB; FJ; J.
m m	s	s	s	s
5.0—5.3	—0.02	—0.01	—0.02	—0.01
5.4—5.8	—0.03	—0.01	—0.03	—0.01
5.9—6.0	—0.04	—0.01	—0.03	—0.01
6.1—6.3	—0.04	—0.02	—0.03	—0.02
6.4—7.0	—0.05	—0.02	—0.03	—0.02
7.1—7.6	—0.06	—0.02	—0.04	—0.02
7.7—8.0	—0.06	—0.03	—0.05	—0.02
8.1—8.3	—0.07	—0.03	—0.06	—0.02
8.4—8.6	—0.07	—0.04	—0.07	—0.02
8.7—8.8	—0.07	—0.05	—0.08	—0.02
8.9	—0.07	—0.06	—0.09	—0.02
9.0	—0.07	—0.06	—0.10	—0.02
9.1	—0.08	—0.07	—0.11	—0.02
9.2	—0.08	—0.07	—0.12	—0.02
9.3	—0.09	—0.07	—0.14	—0.02
9.4	—0.10		—0.16	
9.5	—0.12		—0.18	

Comparisons with Küstner's Catalogue and with Boss' Preliminary General Catalogue.

After the proper motions had been determined, a comparison was made with Küstner's Catalogue, which is summarised in the following table :—

Küstner—Greenwich.

Limits of R.A.	Right Ascensions.					Declinations.				
	—6 ^m .9.	7 ^m .0—7 ^m .9.	8 ^m .0—8 ^m .9.	9 ^m .0.	All.	—6 ^m .9.	7 ^m .0—7 ^m .9.	8 ^m .0—8 ^m .9.	9 ^m .0.	All.
h h	s	s	s	s	s	"	"	"	"	"
0—3	.000	—0.004	—0.003	—0.003	—0.002	—0.08	—0.06	—0.17	—0.38	—0.17
3—6	+6	+6	+4	+21	+8	—0.21	—0.46	—0.33	—0.33	—0.33
6—9	+1	+18	+14	+11	+11	—0.08	—0.01	—0.20	—0.30	—0.16
9—12	+15	+3	+7	—11	+4	+0.17	—0.14	—0.10	+0.05	—0.04
12—15	—10	—4	—19	—15	—14	—0.36	—0.32	—0.36	—0.32	—0.34
15—18	—15	—5	—4	—13	—7	—0.32	—0.36	—0.40	—0.49	—0.39
18—21	—22	—11	—15	—5	—15	—0.39	—0.38	—0.47	—0.34	—0.41
21—0	—2	—12	+8	+18	+5	—0.39	—0.27	—0.41	—0.49	—0.40

An analysis of the hourly means gives

$$\begin{aligned} \text{R.A.} & \quad -8.001 \quad +8.010 \sin \alpha \quad +8.002 \cos \alpha \\ \text{Dec.} & \quad -".28 \quad +".12 \sin \alpha \quad -".06 \cos \alpha \end{aligned}$$

The means in declination for the 24 hours arranged according to magnitude give

-6 ^m .9	- ".24		8 ^m .0	-8 ^m .9	- ".30
7 ^m .0 - 7 ^m .9	- .25		9 ^m .0		- .33
Mean - 0''.28					

A comparison with Boss' *Preliminary General Catalogue* is summarised in the following table :—

Boss—Greenwich.

Limits of R.A.	R.A.	Dec.	No. of Stars.
h h	s	"	
0- 3	+ .022	- .44	43
3- 6	+ 2	- .48	46
6- 9	+ 10	- .31	66
9-12	+ 4	- .45	28
12-15	- 1	- .48	34
15-18	0	- .55	48
18-21	- 12	- .62	57
21- 0	- 2	- .55	37
Mean	+ .003	- .49	..

Analysis of the hourly means gives the following result for the systematic difference between this catalogue (zone +24° to +32°) and Boss' *Preliminary General Catalogue*.

$$\begin{array}{llll}
 \text{R.A.} & +^s.003 & +^s.007 \sin a & +^s.001 \cos a \\
 \text{Dec.} & -".49 & +".10 \sin a & -".02 \cos a
 \end{array}$$

These may be compared with the results obtained by comparison of Clock Stars given in the first part of this volume (pp. A v and A xii),

$$\begin{array}{llll}
 \text{R.A.} & -^s.002 & +^s.009 \sin a & -^s.003 \cos a. \\
 \text{Dec.} & -".40 & +".12 \sin a & +".00 \cos a.
 \end{array}$$

Here the comparison is not confined to the restricted zone 24°-32°.

The periodic difference in R.A. between the Greenwich Catalogue and those of Küstner and Boss agrees with that found for the Clock Stars, and is considered in the Fundamental Catalogue in Part I. The difference in declination may be compared with that found for the catalogues of 1890 and 1900 which give :—

$$\begin{array}{llll}
 \text{Boss—Greenwich 1890} & -".19 & +".05 \sin a & +".03 \cos a. \\
 \text{Boss—Greenwich 1900} & -".16 & +".05 \sin a & +".04 \cos a.
 \end{array}$$

A comparison with Auwers' *Fundamental Catalogue* gives for the declinations

$$\text{Auwers—Greenwich 1910} \quad +".08 \sin \alpha \quad -".05 \cos \alpha.$$

The differences between these comparisons agree with the difference Boss—Auwers $+".04 \sin \alpha + ".05 \cos \alpha$ given in *Astronomical Journal* No. 615.

Probable Errors.

The probable error of a single observation calculated by discordances from the mean, taking the first star in each ten minutes of right ascension for the whole 24 hours is

$$\pm^s.040 \text{ in R.A. and } \pm^".43 \text{ in Dec.}$$

As the catalogue places depend on five observations, the probable error of a catalogue place, obtained from the internal accordance of the observations is

$$\pm^s.018 \text{ in R.A. and } \pm^".19 \text{ in Dec.}$$

The mean discordance from Küstner's catalogue, when allowance is made for the systematic difference is

$$\pm^s.030 \text{ in R.A. and } \pm^".39 \text{ in Dec.}$$

giving for the probable error of the difference between the two catalogues

$$\pm^s.025 \text{ in R.A. and } \pm^".33 \text{ in Dec.}$$

In the introduction to the Bonn catalogue the probable error of a star's place is found to be $\pm^s.014$ in R.A. and $\pm^".19$ in Dec. Assuming Küstner's catalogue to be entirely free from quasi-systematic error, the probable error of the Greenwich catalogue is found to be

$$\pm^s.0205 \text{ in R.A. and } \pm^".27 \text{ in Dec.}$$

The probable error of a Greenwich place may thus be taken as

$$\pm^s.020 \text{ in R.A. and } \pm^".25 \text{ in Dec.}$$

2. *Determination of Proper Motions.*

SYSTEMATIC CORRECTIONS TO CATALOGUES.

Proper motions were determined by comparison with the catalogues of the *Astronomische Gesellschaft* supplemented by comparisons with the zone observations of Bessel and Lalande. The mean difference of epoch between the Greenwich observations, and those of the catalogues of the *Astronomische Gesellschaft* is 33 years; between Greenwich and Bessel's zones 85 years; and between Greenwich and Lalande 110 years. The proper motions were obtained separately from each

of these sources, and means taken, double weight being given to the determination from the A.G. catalogues, except in the cases where the difference of epoch was unduly short.

Systematic corrections were applied to the observations to bring them into accord with Boss' *Preliminary General Catalogue*.

GREENWICH CATALOGUE FOR 1910.

No corrections were applied to the right ascensions, but a correction of $-0''.40$ was applied to the declinations printed in the volume. This correction to the declinations was obtained by comparison of the fundamental stars with the *Preliminary General Catalogue*.

ASTRONOMISCHE GESELLSCHAFT, 1875.

The three catalogues used are—

Berlin B	-	-	Dec. 24° — 25°
Cambridge	-	-	Dec. 25° — 30°
Leiden	-	-	Dec. 30° — 32°

The right ascensions and declinations given in these catalogues were reduced to Boss' system by application of the corrections given on pp. 304 and 327 of the *Preliminary General Catalogue*. The corrections for magnitude equation for Cambridge, extend only as far as $9^m.0$, and were continued for the few stars fainter than this limit as follows:—

$9^m.0$	$-s.09$	$9^m.2$	$-s.11$	$9^m.4$	$-s.15$
$9^m.1$	$-s.10$	$9^m.3$	$-s.13$	$9^m.5$	$-s.17$

In the application of these corrections the magnitudes used are those of the A.G. catalogues, and not those printed in this volume.

BESSEL'S ZONE OBSERVATIONS, 1825.

The positions given in Weisse's catalogue were corrected for the systematic errors given by Struve on pp. 28–40 of the introduction. They were then brought up to 1910, using the precessions (Struve-Peters) given in the catalogues of the *Astronomische Gesellschaft*. Outstanding differences were examined and many errors were found in the reductions from Bessel's original zones. Proper motions were then derived from the differences Gr—Bessel, which were compared with the proper motions obtained from the differences Gr—A.G.C. The stars were then

arranged in the separate observing zones of Bessel and the mean differences regarded as giving systematic corrections to the separate zones. Zone 301 is given as a specimen, and as showing the general accordance.

Corrections to Bessel's Zone 301.

1825, August 19. R.A. $19^{\text{h}} 32^{\text{m}} - 20^{\text{h}} 19^{\text{m}}$

Dec. $+24^{\circ}$.

Berlin B. Catalogue.						Cambridge Catalogue.					
No. in W.B.	Cor. to P.M.		No. in W.B.	Cor. to P.M.		No. in W.B.	Cor. to P.M.		No. in W.B.	Cor. to P. M.	
	R.A.	Dec.		R.A.	Dec.		R.A.	Dec.		R.A.	Dec.
	s	"		s	"		s	"		s	"
	(.0001)	(.001)		(.0001)	(.001)		(.0001)	(.001)		(.0001)	(.001)
XIX 1044	-42	+15	XIX 1377	-23	+54	XIX 2021	-42	+45	XIX 1044	-45	+37
1061	+28	+42	1458	+27	+49	XX 52	-29	+9	1061	+64	+54
1347	-16	+5	1501	-26	-25	54	-18	-12	1347	+8	+5
1963	-9	-25	1693	-9	-24	66	+30	+36	1963	+3	+19
2001	+17	+23	1724	+15	+10	307	-27	+30	1987	-31	-24
XIX 1090	-47	+38	1757	-5	+22	319	-11	+22	2001	+33	+15
1108	-28	-18	1771	-10	+39	331	-24	+29	2029	+3	+47
1136	+1	-22	1793	-6	+10	368	-29	+17	..	..	..
1296	-14	+15	1795	-16	+55	444	-43	+9	..	..	..
1320	+17	+42	1822	-28	+31	501	+5	-17	..	..	..
1370	+6	+58	1832	+6	+9	714	-45	+29	..	..	..
1373	-50	+3	1839	+30	+7	..	..	..	..	..	..

The means of these corrections to proper motion are

-8.0012 and $+0.017$ from Berlin B, and $+8.0005$ and $+0.022$ from Cambridge.

giving corrections to zone 301 of

$+8.10$, $-1".4$ and -8.04 , $-1".8$ respectively.

as shown in the first line of the following table.

The corrections thus found for the separate zones are given in the following table. In the adopted corrections quantities less than 8.04 in R.A. and $0".6$ in declination were neglected.

Corrections to the Right Ascensions and Declinations of Bessel's Zones as Reduced by Weisse to the epoch, 1825.

Zone.	Date.	Limits of R.A.		Dec.	Correction given by Struve.	Additional Corrections to Zones.										
						R.A.		Dec.		Number of Stars.			Adopted.			
						R.A.	Dec.	B.or L.	C.	B.or L.	C.	B.	L.	C.	R.A.	Dec.
h	m	h	m	°	s	"	s	s	"	"				s	"	
301	1825 Aug. 19	19	32-20	19	+24	-31	..	+10	-04	-1.4	-1.8	35	..	7	+06	-1.5
303	21	19	26-21	5	+26	..	-4.2	-08	-12	+3.4	+2.4	12	..	147	-11	+2.6
304	22	20	1-20	26	+24	..	..	+03	+01	-1.2	-2.3	19	..	9	00	-1.7
305	23	19	26-21	5	+28	..	..	..	-07	..	-0.9	..	..	142	-07	-0.9
306	28	19	56-21	35	+30	..	..	-03	-03	+1.8	+1.7	..	93	86	00	+1.8
307	29	20	15-20	42	+24	..	..	-07	+02	+2.6	+2.8	19	..	8	00	+2.7
309	30	20	59-22	32	+26	..	+1.6	-06	-03	+1.5	+0.8	19	..	124	00	+1.0
310	31	20	0-22	5	+32	..	..	-16	..	+2.3	..	..	56	..	-16	+2.3
315	Sept. 27	20	27-21	16	+24	..	..	-14	-07	+0.6	0.0	26	..	9	-12	0.0
317	Oct. 2	22	30-22	57	+26	..	..	-26	-23	+3.8	+2.8	3	..	22	-23	+3.0
321	6	22	28-0	4	+26	..	..	-12	-07	+1.9	+1.9	15	..	81	-09	+1.9
323	9	20	59-22	33	+24	†	..	-09	-11	-1.4	-2.7	52	..	21	-10	-2.0
325	13	22	29-0	33	+24	..	..	-13	-17	*	*	63	..	20	-15	*
326	22	20	56-22	31	+28	..	..	..	+08	..	-2.4	..	..	110	+08	-2.4
327	29	21	28-22	15	+30	..	..	-06	-05	+0.2	-0.7	..	35	27	-06	0.0
329	Nov. 25	22	30-23	16	+28	..	..	..	-02	..	-0.4	..	..	47	00	0.0
331	1826 Jan. 9	0	31-0	52	+24	..	..	+11	..	+1.5	..	11	..	..	+11	+1.5
333	19	1	32-3	5	+26	..	..	-07	-13	-0.2	-1.9	12	..	70	-11	-1.3
339	Feb. 5	6	56-7	57	+24	..	..	-10	-29	+1.3	+2.5	41	..	4	-12	+1.4
341	15	6	58-8	36	+26	..	..	+04	-02	+1.2	+1.2	19	..	111	00	+1.2
344	18	7	56-9	3	+24	†	..	+07	+08	+2.2	+0.5	22	..	4	+07	+1.8
345	Mar. 2	8	38-10	34	+24	..	..	+06	+05	+1.9	+3.0	27	..	13	+06	+2.5
347	3	8	25-10	4	+26	..	..	-08	-18	+1.1	+0.8	13	..	81	-15	+0.9
348	5	5	25-7	2	+24	..	..	-03	-12	+3.2	+4.1	54	..	11	-06	+3.5
349	5	8	24-10	3	+28	..	..	..	-21	..	+0.5	..	..	86	-21	0.0
350	7	7	54-9	0	+30	..	..	-04	00	+0.8	+0.2	..	32	40	00	0.0
351	13	6	57-8	19	+28	+69	..	..	-04	..	+0.6	..	..	80	00	0.0
352	21	7	2-8	34	+28	..	+1.0	..	-08	..	+0.7	..	..	98	-08	+0.7
353	21	10	24-12	4	+24	..	..	-15	-26	+3.0	+3.2	11	..	5	-19	+3.0
354	22	8	31-10	5	+32	..	..	-06	..	+2.4	..	..	51	..	-06	+2.4
356	Apr. 20	10	25-12	2	+30	..	..	+03	-01	+0.6	-0.5	..	34	46	00	0.0
363	May 9	11	59-12	26	+24	..	..	+02	-02	+0.4	-0.6	5	..	2	00	0.0
364	29	13	53-15	34	+24	..	+3.8	-08	-23	-0.8	-0.5	26	..	6	-12	-0.7
365	31	14	27-16	3	+26	..	..	-16	-17	+2.3	+2.4	22	..	93	-17	+2.4
366	June 2	14	27-16	35	+28	..	..	..	-13	..	+1.8	..	..	114	-13	+1.8
367	3	14	29-16	35	+30	..	..	+03	+08	+2.5	+2.8	..	69	85	+06	+2.6
368	9	15	32-16	52	+32	..	..	+02	..	+1.5	..	..	28	..	00	+1.5
369	10	15	31-17	36	+24	..	..	-15	-15	+0.8	+1.0	56	..	14	-15	+0.8
370	11	15	26-17	35	+32	..	..	-12	..	+0.4	..	..	59	..	-12	0.0
373	24	16	31-18	0	+28	..	†	..	*	..	+1.9	..	..	108	*	+1.9
374	1827 Sept. 17	22	0-0	4	+30	..	†	-16	-04	+0.2	-0.5	..	94	76	-10	0.0
376	22	21	47-0	4	+32	..	..	-17	..	+0.9	..	..	47	..	-17	+0.9
385	Oct. 2	22	59-0	35	+28	..	..	..	-10	..	-0.1	..	..	109	-10	0.0
388	18	23	53-1	35	+26	..	..	-03	-14	+4.0	+2.3	8	..	98	-13	+2.5
389	19	23	52-0	32	+30	..	..	-11	-17	+2.5	+1.7	..	21	17	-14	+2.1

A † or * denotes a special correction depending either on R.A. or declination to be found on page B xiv.

Corrections to the Right Ascensions and Declinations of Bessel's Zones—contd.

Zone.	Date.	Limits of R.A.		Dec.	Correction given by Struve.		Additional Corrections to Zones.											
							R.A.		Dec.		Number of Stars.			Adopted.				
							R.A.	Dec.	B.orL.	C.	B.orL.	C.	B.	L.	C.	R.A.	Dec.	
		h	m	h	m	°	'	"	'	"	'	"	'	"	'	"	'	"
390	1827 Oct.	20	23	53	1	48	+30	..	+2.8	-.06	-.02	+0.4	-0.5	..	76	65	.00	0.0
395	1828 Feb.	7	3	29	5	34	+24	..	†	-.06	-.06	+1.4	+1.9	69	..	8	-.06	+1.5
396		8	2	58	5	4	+26	..	..	-.28	-.19	+4.3	+2.7	8	..	103	-.21	+3.0
397		12	3	30	5	3	+28	..	..	..	-.09	..	+1.2	..	..	68	-.09	+1.2
398		13	3	25	5	3	+30	..	..	-.21	-.10	+1.5	+0.2	..	61	44	-.16	+0.8
399		13	6	26	8	3	+30	..	..	-.20	-.18	+1.7	+2.0	..	60	72	-.19	+1.9
400		14	3	28	5	4	+32	..	..	-.14	..	+3.5	..	..	50	..	-.14	+3.5
401		14	6	57	8	33	+32	..	..	-.14	..	+3.1	..	..	47	..	-.14	+3.1
405	Mar.	1	4	57	7	4	+26	..	-3.7	-.11	-1.2	+0.7	+0.6	23	..	126	-.12	+0.6
406		18	9	0	10	35	+30	..	..	-.15	-.22	-1.1	-1.1	..	46	65	-.18	-1.1
408	Apr.	9	11	36	13	34	+32	..	..	-.25	..	-3.2	..	..	76	..	-.25	-3.2
412	May	8	11	53	14	5	+24	..	-2.3	-.11	-.03	+0.1	+0.6	43	..	12	-.09	0.0
413		20	13	25	15	34	+32	..	..	-.06	..	-1.1	..	..	71	..	-.06	-1.1
423	June	19	15	55	18	3	+26	..	+1.6	-.19	-.11	+2.5	+2.0	19	..	120	-.13	+2.2
424		21	16	26	18	32	+30	..	..	-.05	-.04	+3.0	+2.8	..	65	77	-.05	+2.9
428	July	17	17	22	19	32	+24	..	+1.8	*	*	+1.3	+0.2	84	..	25	*	+0.8
432	Aug.	17	17	57	20	1	+26	..	..	-.02	-.09	+2.9	+2.4	26	..	171	-.07	+2.5
433		18	17	57	19	31	+28	..	..	..	+1.1	..	+2.9	..	..	105	+1.1	+2.9
435	Sept.	7	18	25	20	6	+30	..	..	+0.3	+0.1	+3.6	+2.9	..	85	66	.00	+3.3
438	Oct.	22	23	52	1	32	+32	..	-2.4	-.09	..	-0.3	..	..	38	..	-.09	0.0
445	Nov.	26	0	26	2	6	+24	..	..	-.03	-.07	+3.6	+3.9	80	..	24	-.05	+3.7
447	Dec.	7	0	29	2	3	+28	..	+3.9	..	+0.1	..	-0.2	..	..	110	.00	0.0
462	1829 Apr.	27	12	56	14	32	+26	..	..	-.04	-.10	-1.2	-1.0	20	..	88	-.08	-1.0
464	May	3	12	0	14	27	+28	..	-3.2	..	+0.3	..	-0.9	..	..	146	.00	-0.9
468		11	12	0	13	49	+30	..	†	-.01	.00	-0.4	-0.6	..	47	61	.00	0.0
471		17	13	29	14	34	+30	..	†	+0.9	+0.2	+0.2	-0.2	..	25	33	+0.6	0.0
477	June	22	16	3	18	4	+26	..	-2.6	-.02	-.03	*	*	33	..	105	.00	*
479	July	11	17	18	18	35	+32	..	..	-.05	..	+5.4	..	..	49	..	-.05	+5.4
484	Aug.	24	18	20	20	0	+32	..	..	-.08	..	*	..	..	78	..	-.06	*
488	Oct.	23	22	32	0	31	+24	..	-6.0	-.16	-.13	+0.8	+1.4	74	..	22	-.15	+1.1
500	1831 Apr.	8	9	54	11	31	+26	..	..	-.05	-.02	-1.7	-1.1	10	..	87	.00	-1.2
501		11	9	51	11	36	+32	..	..	-.06	..	+0.1	..	..	62	..	-.06	0.0
503		22	11	27	13	2	+26	-24	+3.5	+0.3	+0.6	+1.8	+1.0	18	..	83	+0.5	+1.3
507	1832 Feb.	1	4	58	6	36	+28	..	..	..	-.09	..	*	..	..	86	-.09	*
513		9	4	59	6	36	+30	..	†	-.05	+0.2	+1.9	+2.0	..	72	55	.00	+2.0
517		14	5	0	7	5	+32	..	..	-.08	..	+1.0	..	..	62	..	-.08	+1.0
520		19	5	29	7	3	+28	..	..	..	.00	..	*	..	..	97	.00	*
521		21	3	59	5	31	+24	..	..	+0.6	-.02	+1.1	+0.8	42	..	6	.00	+1.0
523		22	4	55	7	2	+26	..	..	+2.1	+0.5	+1.1	+0.5	11	..	121	+0.8	+0.6
525		29	4	57	7	1	+32	..	..	+0.2	..	-0.5	..	..	78	..	.00	0.0
526	Apr.	11	9	58	12	5	+28	..	..	..	-.14	..	-0.1	..	..	108	-.14	0.0
530	Dec.	15	1	57	3	36	+24	..	..	+1.1	+1.6	+1.5	+1.5	70	..	11	+1.2	+1.5
532		31	1	30	2	56	+30	..	..	-.18	-.02	0.0	-0.1	..	67	41	-.10	0.0
534	1833 Jan.	7	1	25	3	32	+32	..	..	-.11	..	-0.1	..	..	57	..	-.11	0.0
535		17	1	36	3	35	+28	..	..	..	.00	..	+0.4	..	..	112	.00	0.0
536		21	2	0	3	27	+30	..	..	.00	+0.2	+1.1	+0.5	..	59	41	.00	+0.8

A † or * denotes a special correction depending either on R.A. or declination to be found on page B xiv.

From a direct comparison of 383 stars of Boss' catalogue in these 91 zones it appears that an additional correction of $+^s.02$ and $+''35$ is required to systematic corrections given above to reduce Bessel's observations to Boss' system. These, however, have not been applied.

LALANDE'S CATALOGUE, 1800.

Now that Lalande's catalogue is being discussed in times of military stress, it may not be inappropriate to quote Lalande's description in the *Histoire Céleste* of the time in which the observations were made: "C'est à l'Ecole militaire que la France a dédommagé l'astronomie par un travail suivi avec courage et avec assiduité. . . . On ne verra pas sans intérêt qu'au milieu des convulsions qui agitaient la France, un travail long et pénible s'exécutait dans le silence des nuits, et préparait des résultats faits pour durer plus longtemps que les institutions politiques pour lesquelles on s'agitait si fort et l'on versait tant de sang."—*Histoire Céleste*, tome i. p. ii-iii.

An inspection of the stars observed each night showed that about thirty per cent. were contained in Boss' *Preliminary General Catalogue*, and this seemed to give such an excellent basis for obtaining systematic corrections to each night's observations that all Boss stars observed by Lalande were reduced with Boss' elements to 1800, and compared with Lalande places for each night's observations. The mean of the corrections thus obtained was adopted as the systematic correction to that zone or night's observations. (The places in the Lalande catalogue were corrected when necessary for proper motion.) With these corrections Lalande's catalogue places were then reduced to 1910 with the precession Struve-Peters from the A.G. catalogues, compared with the Greenwich catalogue results, and proper motions were found. On comparing these proper motions with proper motions similarly found for the same stars from the A.G. catalogues, it was found that there was a systematic discordance between proper motions given by the two methods. It is possible that the discordance in R.A. arises in part from a magnitude equation in Lalande.

A difficulty arises in dealing with this catalogue as the reference stars are frequently not observed under the same conditions as the zone stars. For instance, an inspection of the pages of the *Histoire Céleste* will show that the brighter stars are observed over more wires than the fainter stars, and are often observed outside the range of declination of the night's zone.

The reference in Lalande to the night's observations or a zone, as a page in the *Histoire Céleste* is troublesome, as frequently there are two zones on the same page

also two observations of the same star on two separate nights on the same page, so that it is necessary to refer to the original entries in the *Histoire Céleste* to identify the two observations before the proper correction can be applied.

The following table gives the corrections to each Lalande zone, or night's observation, as derived from Boss.

Zone Corrections to Lalande Observations 1800, derived from stars in Boss' Catalogue.

Page of Histoire Celeste.	Cor. to Lalande.		No. of Stars.	Page of Histoire Celeste.	Cor. to Lalande.		No. of Stars.	Page of Histoire Celeste.	Cor. to Lalande.		No. of Stars.
	R.A.	Dec.			R.A.	Dec.			R.A.	Dec.	
	s	"			s	"			s	"	
20-1	+07	-1.6	15	148	-04	-0.9	12	314	+01	-0.4	5
21-2-3	+22	-2.6	16	150-1	+03	+1.9	5	315-6	+03	-1.0	15
23-4-5	+08	-1.3	25	163-4	+24	-1.9	8	319	+03	-0.4	3
25-6-7	+19	-2.0	28	165-6	-05	-1.3	5	334-5	+15	-0.5	11
28-9-30	+10	-2.5	19	167-8	+04	-1.3	13	349-50	-17	0.0	6
(18 ^h 52 ^m -21 ^h 45 ^m)											
28-9-30	+05	-1.1	16	169-70	+03	-1.7	11	469	+31	-1.7	8
(23 ^h 30 ^m end)											
52-3-4	-02	+0.4	24	195-6	+06	-2.1	22	471	+22	+1.7	2
61-2	-04	+1.1	5	198	+03	0.0	6	473	+14	-2.6	3
62-3	+19	-1.3	11	198-9-200 (22 ^h 16 ^m 23 ^h 33 ^m)	+28	-1.0	5	475	-11	-1.9	6
63-4	+07	-1.8	15	198-9-200 (1 ^h 30 ^m 3 ^h 22 ^m)	+07	-0.7	15	475	+58	-1.4	6
64-5-6	+10	-1.5	17	201 (2 ^h 20 ^m 3 ^h 16 ^m)	+20	-2.5	7	564-5	+24	-2.1	7
66-7-8	+17	-1.2	11	201	+11	-2.1	1	572-3-4	+21	-1.3	15
69-70-1	+14	-0.9	12	204	-05	+0.1	5	575	+24	-1.4	4
79	-05	-0.5	4	206-7	-25	+1.7	4	..	..	..	..
101-2	+06	-3.2	7	213-4-5	+01	-0.6	20	..	..	..	..
104	+17	-4.4	2	221	-1.08	+0.2	6	..	..	..	..
119-20	-02	-2.1	5	238-9	+19	-2.8	12	..	..	..	..
123-4-5	.00	-1.8	19	242-3	+07	-0.7	7	..	..	..	..
130	+35	-2.1	2	243-4	+17	-1.8	7	..	..	..	..
132	+28	-2.8	4	260	-03	+0.5	6	..	..	..	..
135-6	+14	-2.0	5	285	+11	-1.5	6	..	..	..	..
138-9	+02	-0.4	12	299	+05	-2.2	4	..	..	..	..
140-1	+03	-0.5	7	303	+17	-3.2	5	..	..	..	..
143-4	.00	-0.9	21	307	+10	-1.1	9	..	..	..	..
145-6	+16	0.0	18	309-10	+36	+0.4	2	..	..	..	..
146	+20	-0.6	6	310	+18	-1.3	5	..	..	..	..
146-7	+08	-0.4	11	312	+08	+0.2	3	..	..	..	..

These corrections were applied to Lalande's zones, and proper motions were derived from the differences Gr.—Lal. They were compared with the proper

motions derived from differences Gr.—A.G.C. Corrections to reduce the proper motions viz. Gr.—Lal. to systematic agreement with those deduced Gr.—A.G.C. were thus found—

Zone	20-1	+ ^s .0022	+ ["] .013
„	21-2-3	+ .0006	+ .001
„	23-4-5	+ .0020	+ .010
etc.			

The mean corrections for all the zones were found to be —^s.0010 and +["].011.

This mean was taken out, and corrections applied to the Gr.—Lal. proper motions as shown in the following table:—

Corrections Applied to the Preliminary Proper Motions, Greenwich—Lalande.

Page of Histoire Celeste.	Cor. to Lalande.		No. of Stars.	Page of Histoire Celeste.	Cor. to Lalande.		No. of Stars.	Page of Histoire Celeste.	Cor. to Lalande.		No. of Stars.
	R.A.	Dec.			R.A.	Dec.			R.A.	Dec.	
	s	"			s	"			s	"	
	(.0001)	(.001)			(.0001)	(.001)			(.0001)	(.001)	
20-1	+32	+ 2	19	145-6	+14	- 8	52	299	-22	-19	27
21-2-3	+16	-10	68	146	+13	+31	14	303	0	-13	8
23-4-5	+30	- 1	29	146-7	+10	- 3	37	307	- 7	- 5	18
25-6-7	+17	+ 2	141	148	+ 6	- 3	45	309-10	+ 4	-13	16
28-9-30 (18 ^h 52 ^m 21 ^h 45 ^m)	+ 4	+18	35	150-1	- 1	-28	27	310	+11	- 8	15
28-9-30 (23 ^h 30 ^m -)	+ 4	-24	34	163-4	- 5	+ 3	34	312	- 6	-23	7
52-3-4	+10	0	69	165-6	-48	+ 8	53	314	+21	- 7	12
61-2	+12	+12	45	167-8	- 8	- 5	46	315-6	- 8	0	8
62-3	*	+14	39	169-70	-12	-13	40	319	+13	- 9	19
63-4	+13	+ 5	65	195-6	+ 3	+ 4	11	334-5	-14	+10	45
64-5-6	- 1	- 4	64	198	- 6	+16	16	349-50	-12	-22	11
66-7-8	-15	+21	7	198-9-200 (22 ^h 16 ^m 23 ^h 33 ^m)	-17	+18	23	469	+30	- 6	5
69-70-1	+14	- 1	87	198-9-200 (1 ^h 30 ^m 3 ^h 22 ^m)	+ 2	+ 5	35	471	-24	+ 3	16
79	-12	+11	34	201 (2 ^h 20 ^m 3 ^h 16 ^m)	-32	-10	9	473	- 8	-17	22
101-2	-16	-20	14	201	+21	-13	18	475	-46	+ 1	15
104	+ 1	+ 1	19	204	-13	+ 3	17	475	+25	+ 8	8
119-20	- 7	-13	28	206-7	+ 8	- 3	21	564-5	+21	+11	5
123-4-5	- 9	+ 6	78	213-4-5	-19	-11	24	572-3-4	+ 2	+10	73
130	+ 8	+ 7	9	221	+17	-11	16	575	-29	+ 8	7
132	+ 4	-16	14	238-9	+ 5	+ 1	32				
135-6	- 4	-14	29	242-3	- 3	-12	15				
138-9	- 5	+15	26	243-4	+19	- 2	21				
140-1	+ 2	- 7	33	260	-15	-28	23				
143-4	+11	+11	71	286	- 7	-25	7				

* Zone 62-3 R.A. Correction +^s.0027 +^s.0030 (59^o.0-N.P.D.).

No corrections were applied for quantities less than ^s.0005 and ["].007.

As the corrections deduced in this way to Lalande's Zones may be of value in other researches, they are given in the following table, though they were not used in this form in the present investigation.

Corrections to Lalande's Zones, 1800.

Page of Histoire Celeste.	Date.	Limits of R.A.		Correction.		Page of Histoire Celeste.	Date.	Limits of R.A.		Correction.			
				R.A.	Dec.					R.A.	Dec.		
		h	m	h	m	s	"	h	m	h	m	s	"
20-1	1793 Aug. 13	18	19-22	52	-032	-108	198	1795 Nov. 9	1	23-2	55	+07	-108
21-2-3	19	18	21-22	22	+03	-14	198-9-200	10	22	16-23	33	+31	-208
23-4-5	20	18	12-2	21	-27	-12	"	10	1	30-3	22	+09	-103
25-6-7	21	18	56-1	30	-01	-22	201	15	2	20-3	16	+56	-103
28-9-30	24	18	52-21	45	+02	-37	201	21	21	46-22	13	-13	-006
"	24	23	30-End		+02	+10	204	Dec. 23	3	44-5	16	+09	-003
52-3-4	1794 Mar. 14	5	54-11	2	-12	+04	206-7	1795 Dec. 30	6	29-7	32	-39	+201
61-2	Apr. 21	10	31-14	5	-18	-03	213-4-5	1796 Mar. 7	6	40-9	34	+22	+007
62-3	22	10	4-13	1	*	-29	221	24	7	33-9	31	-128	+103
63-4	23	10	10-13	3	-08	-23	238-9	July 20	18	3-21	4	+13	-209
64-5-6	25	10	14-16	0	+10	-10	242-3	Aug. 23	20	20-22	0	+09	+007
66-7-8	26	10	44-15	14	+34	-34	243-4	Sept. 13	20	58-22	33	-05	+005
69-70-1	30	12	2-17	18	-02	-12	260	1797 Feb. 21	5	1-6	3	+16	+302
79	June 11	15	21-17	1	+13	-12	286	Mar. 22	8	0-8	30	+18	+104
101-2	July 21	18	4-19	32	+23	-09	299	July 25	16	56-18	0	+29	000
104	Aug. 10	18	10-19	4	+15	-44	303	Sept. 22	22	33-0	1	+16	-107
119-20	Nov. 18	22	18-23	44	+08	-06	307	Nov. 13	23	34-1	52	+18	-005
123-4-5	29	22	45-2	45	+10	-25	309-10	Dec. 19	5	40-6	12	+31	+105
130	Dec. 7	22	31-22	45	+25	-29	310	30	2	46-3	25	+05	-003
132	7	2	39-4	29	+23	-09	312	1798 Jan. 23	3	9-4	13	+14	+206
135-6	19	2	45-5	13	+18	-04	314	Feb. 1	3	44-4	44	-24	+009
139	1795 Jan. 1	3	7-5	14	+05	-17	315-6	5	5	30-6	45	+08	-009
140-1	10	4	40-6	32	-03	+04	319	28	7	21-9	41	-15	+101
143-4	Feb. 16	5	5-8	24	-12	-21	334-5	Apr. 23	12	57-15	34	+30	-106
145-6	18	5	1-7	58	00	+10	349-50	Oct. 22	0	0-1	57	-05	+205
146	Mar. 20	8	4-8	31	+05	-41	469	1799 Mar. 22	15	18-17	14	-03	-100
146-7	30	8	7-10	4	-04	00	471	May 28	13	2-13	46	+47	+105
148	Apr. 1	8	24-10	15	-11	-05	473	June 6	17	12-18	20	+22	-006
150-1	14	9	41-10	46	00	+52	475	16	17	0-18	1	+39	-109
163-4	May 23	13	38-16	21	+29	-22	475	17	17	0-17	30	+29	-202
165-6	26	13	32-16	7	+55	-22	564-5	1800 May 1	11	58-13	3	00	-302
167-8	June 3	16	4-18	17	+13	-07	572-3-4	Nov. 13	23	30-2	21	+18	-203
169-70	July 2	16	10-18	20	+13	-02	575	1801 Jan. 15	3	35-4	37	+54	-202
195-6	Oct. 6	3	5-6	2	+02	-25							

* Zone 62-3. Special correction in R.A. $-8^{\circ}12' - 8^{\circ}35'$ ($59^{\circ}0' - N.P.D.$).

FURTHER CORRECTIONS TO THE PROPER MOTIONS.

After the corrections to the various catalogues given in the preceding pages had been applied, proper motions were derived by giving a weight of 2 to the *GREENWICH CATALOGUE OF STARS.*

minations Gr.—A.G.C., and 1 to the determinations Gr.—Bessel, and Gr.—Lalande. The proper motions were then discussed with reference to Solar Motion and Precession in the *Monthly Notices of the Royal Astronomical Society*, lxxvii. pp. 8–11, and as a result of this discussion some further corrections to the proper motions were derived.

Analysis of the proper motions (omitting nine stars of very large proper motion) gave

Mag. m m	Right Ascensions.			Declinations.		
	"	"	"	"	"	"
6.0–7.8	–.22	+ .03 sin α	+ 2.40 cos α	–2.13	– 1.09 sin α	+ .48 cos α
7.9–8.5	–.44	+ .33	+ 1.49	– 1.41	– .75	+ .65
8.6–8.9	–.57	+ .30	+ 1.32	– 1.08	– .86	+ .49
9.0—	–.86	+ .13	+ 1.01	– .62	– .75	+ .49

The absolute term in the right ascensions was considered as arising mainly from uncorrected magnitude equation. It implies corrections of $^s.006$, $^s.011$, $^s.015$ and $^s.022$ to the differences between the adopted magnitude equations of Greenwich, and the A.G. catalogues. All the proper motions in right ascension were accordingly corrected as follows:—

Mag.		Correction.	Mag.		Correction.
m	m	s	m	m	s
7.0	–7.4	+ .0001	8.7	–8.8	+ .0005
7.5	–7.9	+ .0002	8.9		+ .0006
8.0	–8.4	+ .0003	9.0		+ .0007
8.5	–8.6	+ .0004			

The small value of the constant term in the declinations for the last group of stars suggested the possibility of observational differences between the declinations of the bright and faint stars. Auwers (*Tafeln zur Reduction von Sternatalogen auf das System des Fundamental Catalogs des Berliner Jahrbuchs*, 1904) gives the following table of corrections to the declinations of the Berlin B, Cambridge, and Leiden catalogues:—

	6 ^m .0	6 ^m .5	7 ^m .0	7 ^m .5	8 ^m .0	8 ^m .5	9 ^m .0
Berlin B . .	+'' .29	+'' .28	+'' .29	+'' .29	+'' .30	+'' .33	+'' .37
Cambridge . .	+ .36	+ .38	+ .40	+ .44	+ .49	+ .61	+ .73
Leiden . .	+ .19	+ .17	+ .14	+ .12	+ .09	+ .10	+ .10

These corrections indicate a magnitude correction in the Cambridge declinations, and a very small one in the opposite direction in those of Leiden. The existence of magnitude equation in the Cambridge observations is probably to be

accounted for by the use of a pair of horizontal wires 11" apart, between which the star was placed centrally.

The following corrections were accordingly applied to the Greenwich—Cambridge proper motions in declination :—

m	"	m	"
6.0	+0.004	8.0	0.000
6.5	+0.003	8.5	-0.003
7.0	+0.002	9.0	-0.007
7.5	+0.001		

These corrections have full weight only for those stars whose proper motions depend entirely on Cambridge observations.

PROBABLE ERRORS OF THE PROPER MOTIONS.

The proper motions printed in this volume of stars in Boss' *Preliminary General Catalogue* are taken from that work. The proper motions of these stars, excepting fundamental stars were, however, computed like those of the other stars in the catalogue by comparisons of Gr.—A.G.C., Gr.—Bessel, and Gr.—Lalande. The mean discordance between the proper motions computed this way, and those given by Boss is—

$$\pm^s.00118 \text{ in R.A. and } \pm".0124 \text{ in Dec.}$$

Assuming that Boss made little use of the catalogues employed here, these figures would indicate that the probable errors of the proper motions of the brighter stars in this catalogue are very nearly

$$\pm^s.0010 \text{ and } \pm".010.$$

For the fainter stars the probable errors of the proper motions may be given as

$$\pm^s.0012 \text{ and } \pm".012.$$

These probable errors are derived from the data for the probable errors given in the introductions to the Berlin, Cambridge, and Leiden catalogues, and the probable errors $\pm^s.020$, and $\pm".025$ of this catalogue.

3. General Results.

The proper motions determined in this catalogue have been discussed in several papers in the *Monthly Notices of the Royal Astronomical Society* by Sir

F. W. Dyson, and W. G. Thackeray.* It has not been considered necessary to repeat these discussions here, with the exception of those which have relation to the spectral types of the stars. Thanks to the kindness of Prof. Pickering and Miss Cannon, who have forwarded results of the new *Henry Draper Catalogue* in advance of its publication, the spectral types for 6500 stars could be included in the catalogue, and these have considerably enhanced its value.

DISTRIBUTION OF THE STARS.

The zone 24° — 32° N. declination cuts the Galaxy at R.A. $5^{\text{h}} 30^{\text{m}}$ and $19^{\text{h}} 30^{\text{m}}$. On the north it reaches the Galactic pole at $12^{\text{h}} 30^{\text{m}}$, but on the south does not reach a lower Galactic latitude than -35° . Between 22^{h} and 3^{h} the zone is nearly parallel to the Galaxy, and about 30° from it.

In the following table is given the total number of stars for each hour of right ascension, and also the number whose spectral type is known. The latter are divided into the number brighter and fainter than $8^{\text{m}}.60$ on the Harvard Scale, on the assumption that the spectral types are complete to this magnitude. Further, to give information of the constancy of the limiting magnitude, the mean magnitudes are given for each hour (1) for the stars fainter than $8^{\text{m}}.60$ whose spectral types are given in the Draper catalogue and (2) the stars whose spectra are not given.

* REFERENCES :—

1. The Mean Parallax of Stars of Different Magnitudes. By Sir F. W. Dyson and W. G. Thackeray. Vol. lxxvii. No. 1.
2. Greenwich 1910 Catalogue of Stars, Zone $+24^{\circ} 0'$ to $+32^{\circ} 0'$: List of Stars the P.M. of which is $20''$ or over per Century; and Analysis of Numbers and Percentages of Proper Motions. By W. G. Thackeray. Vol. lxxvii. No. 3.
3. A Statistical Discussion of the Proper Motions of the Stars in the *Greenwich Catalogue for 1910*. By Sir F. W. Dyson, F.R.S. Vol. lxxvii. No. 3.
4. The Systematic Motions of the Stars between Dec. $+24^{\circ}$ and Dec. $+32^{\circ}$. By Sir F. W. Dyson and W. G. Thackeray. Vol. lxxvii. No. 8.
5. The Relative Density of Stars with Proper Motions between certain Limits in Reference to their Galactic Latitudes. By Sir F. W. Dyson and W. G. Thackeray. Vol. lxxvii. No. 9.
6. The Parallaxes of the B Stars which are between the Limits of 4^{h} to 8^{h} R.A., and $+24^{\circ}$ to $+32^{\circ}$ Dec. By Sir F. W. Dyson and W. G. Thackeray. Vol. lxxviii. No. 8.
7. Proper Motions of the Stars in Zone 24° — 32° N. Declination, in Relation to Spectral Type. By Sir F. W. Dyson and W. G. Thackeray. Vol. lxxix. No. 3.
8. The Region of the Sky between R.A. 3^{h} and $5^{\text{h}} 30^{\text{m}}$, and N. dec. 20° to 35° . By Sir F. W. Dyson and P. J. Melotte. Vol. lxxx. No. 1.

TABLE I.—*Distribution of Stars in Order of R.A.*

Limits of R.A.	No. of Stars.	Stars in Draper Catalogue.		Stars not in Draper Catalogue.	Mean Magnitude.		Galactic Latitude.
		0 ^m —8 ^m .59.	8 ^m .60—		Col. 4.	Col. 5.	
h h					m	m	°
0—1	485	136	131	218	8.95	9.25	—35
1—2	424	140	109	175	.90	.14	33
2—3	406	162	106	138	.91	.22	29
3—4	399	142	120	137	.94	.22	21
4—5	339	122	60	157	.81	.16	12
5—6	641	240	134	267	.91	.10	—1
6—7	731	243	165	323	.89	.02	+10
7—8	530	181	136	213	.88	.30	22
8—9	429	140	112	177	.87	.15	35
9—10	377	125	109	143	.96	.18	48
10—11	364	113	119	132	8.99	.23	61
11—12	302	102	77	123	9.01	.27	75
12—13	352	125	135	92	9.04	.26	87
13—14	315	107	78	130	8.95	.26	79
14—15	345	109	69	167	8.94	.25	66
15—16	358	121	112	125	9.05	.10	53
16—17	378	125	98	155	8.89	.15	40
17—18	542	175	87	280	.91	.13	27
18—19	692	233	83	376	.83	.05	15
19—20	976	328	94	554	.79	.02	+3
20—21	852	277	93	482	.82	.00	—8
21—22	670	220	115	335	.84	.06	18
22—23	575	166	112	297	.88	.16	26
23—0	511	142	115	254	8.92	9.26	—32

It appears from this table that a somewhat lower limit of magnitude is reached both in this catalogue, and in the *Draper Catalogue* at a distance from the Galaxy. With a uniform limit of magnitude the number of faint stars at 5^h and 6^h would be further increased, and still more at 19^h and 20^h.

A remarkable feature is the small number of stars from 4^h to 5^h, and to a less extent from 3^h to 4^h. This is shown in the total number of stars, and also in the stars brighter than 8^m.60. An examination of the Franklin-Adams plates shows a very extensive region in which there is a remarkable deficiency of stars relative to the surrounding regions. An outline of this area with an account of the deficiency of stars shown on the Franklin-Adams plates is given in M.N. lxxx. No. 1.

The number of stars in each hour of right ascension for different types of spectrum is shown in Table II.

TABLE II.—*Distribution of Stars of Different Spectral Types for each hour of Right Ascension.*

R.A.	B.	Bo.	B2.	B3.	B5.	B8.	B9.	A.	Ao.	A2.	A3.	A5.	F.	Fo.	F2.	F5.	F8.	G.	G0.	G5.	K.	Ko.	K2.	K5.	Ma.	Mb.	Mc.	Md.	Galac. Lat.
0 ^h	2	2	..	15	20	3	9	2	14	7	25	19	4	12	54	..	42	20	6	8	2	..	1	-35°
1	1	1	..	13	23	5	13	..	16	9	22	13	..	14	36	1	52	13	8	5	4	..	..	33
2	1	..	6	4	..	21	23	8	5	17	7	33	8	3	23	36	..	51	11	4	3	1	1	1	29
3	..	1	..	1	4	3	15	3	47	32	10	10	..	10	3	13	15	1	18	21	..	34	11	5	5	..	..	..	21
4	2	2	1	13	7	30	12	6	1	1	10	5	15	13	4	9	19	2	17	5	6	2	..	..	..	12
5	2	..	4	5	12	23	29	23	52	25	20	11	3	10	8	28	18	1	7	29	1	39	13	8	3	..	..	..	-1
6	1	..	..	1	..	9	26	13	92	48	14	9	6	11	5	19	12	2	17	38	2	44	24	8	7	..	..	..	+10
7	..	1	..	..	1	3	8	5	42	23	7	10	3	18	9	27	12	6	11	36	5	58	17	7	7	1	..	..	22
8	2	3	19	21	10	10	1	11	11	21	8	4	15	31	..	53	18	9	3	1	1	..	35
9	2	1	8	9	1	8	2	9	3	17	24	6	21	33	1	70	12	3	4	..	..	..	48
10	1	1	6	5	4	4	1	11	6	22	20	2	29	37	1	64	8	5	5	..	..	..	61
11	6	5	4	3	1	11	7	21	17	5	10	32	..	43	7	4	2	1	..	..	75
12	9	10	10	5	1	7	6	24	20	3	37	53	..	49	16	5	5	..	..	..	87
13	1	1	3	6	3	6	..	6	6	15	15	3	12	44	5	46	4	6	3	..	..	..	79
14	2	..	9	8	1	..	4	10	7	16	11	6	13	24	6	38	8	8	7	1	..	..	66
15	1	..	..	1	12	7	1	2	..	4	4	14	23	..	17	44	..	64	19	17	1	1	..	1	53
16	9	4	10	5	..	11	9	23	21	1	9	33	..	48	20	11	7	2	..	..	40
17	3	2	29	25	12	6	..	12	9	20	13	3	10	25	..	50	16	14	10	3	..	..	27
18	7	1	8	19	11	41	32	8	11	2	12	3	7	10	2	14	33	6	55	20	7	5	1	..	1	15
19	..	1	1	3	8	16	29	21	110	33	11	17	4	11	6	13	11	1	11	27	3	44	20	9	11	1	..	..	+3
20	1	1	..	7	3	9	21	5	89	44	9	7	3	7	7	12	14	1	4	20	..	43	29	28	3	3	..	..	-8
21	1	..	..	1	1	5	8	4	37	26	10	6	1	13	8	15	31	4	7	30	1	51	39	32	4	..	..	..	18
22	2	5	1	24	26	8	5	1	12	8	20	18	1	17	19	..	66	25	12	4	3	1	..	26
23	1	1	8	4	18	17	5	2	1	11	16	18	18	5	14	20	1	57	24	11	4	2	..	..	-32
	5	4	5	28	34	89	199	106	741	484	180	165	38	264	169	460	384	68	351	774	135	1178	399	233	118	27	3	4	

This table shows:—

- (1) The great number of B and A stars in the neighbourhood of the Milky Way, and their paucity near the Galactic poles.
- (2) The deficiency of stars from 4^h—5^h of R.A. is shared by all types of spectrum.
- (3) The stars F8—G5 show a tendency to greater condensation near the Galactic pole.

Some further features are brought out by an arrangement according to magnitude, and accordingly in Table III. the number of stars brighter and fainter than 8^m.60 are given for each hour for different spectral classes.

Attention may be drawn to the very small number of A stars fainter than 8^m.60 in high Galactic latitudes. The large number of bright A stars from 12^h to 13^h *i.e.*, near the pole of the Galaxy, is due to the cluster in Coma Berenices. If the region is drawn to take in the largest number of these stars it might be taken as bounded by R.A. 12^h 6^m 6^s to 12^h 29^m 5^s and by declination 24° 25' to 29° 30' for the epoch 1910. This region comprises some 120 stars within the limits of magnitude of the Greenwich catalogue, of which 20 stars brighter than 7^m.5, and 41 fainter stars have, allowing for probable error, a common centennial proper motion of roughly —1".50 in both right ascension and declination. In the preceding and following regions of roughly similar extent about 30 per cent. of the stars have a similar common proper motion, so that one may fairly assume that a considerable proportion of the stars in this region belong to the cluster of Coma Berenices.

TABLE III.—Distribution of Stars of Different Spectral Types brighter and fainter than 8^m.60.

	B.		A.		F—F ₅ .		F ₈ —G ₅ .		K ₀ .		K ₅ —M.		Gal. lat.
	m m 0-8.59.	m 8.60-	m m 0-8.59	m 8.60-	m m 0-8.59	m 8.60-	m m 0-8.59.	m 8.60-	m m 0-8.59.	m 8.60-	m m 0-8.59.	m 8.60-	
0 ^h -1 ^h	4	0	25	21	28	20	36	52	24	17	19	18	-35°
1-2	2	0	28	36	36	11	32	41	35	17	18	12	33
2-3	9	2	36	21	33	24	37	33	32	19	14	5	29
3-4	21	3	56	46	14	12	26	29	23	12	9	11	21
4-5	16	2	40	16	21	10	19	26	15	3	10	2	12
5-6	57	18	66	60	29	20	36	19	31	8	20	5	-1
6-7	29	9	81	94	20	22	44	25	36	5	29	10	+10
7-8	9	3	39	48	29	28	41	24	43	13	20	12	22
8-9	1	1	39	24	22	22	27	31	33	20	19	13	35
9-10	2	1	18	9	20	11	32	52	44	29	9	10	48
10-11	2	0	12	4	24	16	31	56	31	32	12	5	61
11-12	1	0	17	1	27	14	23	41	25	18	11	3	75
12-13	0	0	29	5	21	16	31	82	26	23	18	8	87
13-14	0	1	14	5	20	7	30	44	34	12	8	3	79
14-15	2	0	15	3	23	14	26	28	26	13	16	7	66
15-16	1	0	18	5	16	5	28	53	27	36	25	14	53
16-17	0	0	20	8	29	13	27	37	22	25	26	15	40
17-18	3	0	41	33	27	14	24	27	42	7	37	7	27
18-19	28	7	70	34	19	5	41	18	46	9	27	6	15
19-20	56	2	124	68	21	12	46	4	43	1	35	7	+3
20-21	40	2	101	53	21	8	32	6	27	16	58	5	-8
21-22	15	1	52	31	26	11	42	30	32	17	52	23	18
22-23	7	0	51	23	21	20	25	31	42	25	34	12	26
23-0	10	0	30	19	27	19	22	37	33	23	23	17	-32

TABLE IV.—Cluster of bright Stars in Coma Berenices.

B.D.	R.A. 1910.		Dec. 1910.	Proper Motion.		Harvard Mag.	Spectral Type.
	h	m s		R.A.	Dec.		
28 2084	12	6 12	+27 47	(⁸ .0001)	(⁰ .001)	5.78	A 2
24 2443		11 47	24 27	-13	-10	5.06	K 0
28 2100		13 39	27 48	-16*	-18*	7.40	A 2
26 2326		14 30	26 30	-25	+3	6.39	A 2
29 2280		15 19	28 58	-17	-23	6.53	A 2
25 2495		16 55	25 30	-3	-3	7.10	A 2
26 2337		17 59	26 21	-3	-9	7.10	A 3
26 2343		19 33	26 21	-6*	-14*	4.78	F 5, A 3
26 2344		19 48	26 36	+2	-16	6.65	A 3
26 2345		19 56	26 5	-17*	-23*	5.10	A 2
28 2115		21 54	27 46	+14	-11	6.31	A 5
27 2134		22 29	27 19	-17*	-18*	5.15	A 5
26 2352		23 8	26 25	+1*	-13*	5.04	A 2
27 2138		24 9	26 43	+10	-5	6.57	A 3
26 2353		24 15	26 24	-18	-28	6.48	A 3
26 2354		24 25	26 25	-21*	-33*	6.69	A 3
24 2464		24 57	24 36	-14*	-22*	5.38	A 0 p
25 2517		26 31	25 4	-18*	-8*	5.49	F 5
26 2359		27 5	26 22	-8*	-17*	5.39	A 3 p
25 2522		29 3	24 57	-24	-17	8.4	A 0
25 2523		29 5	24 47	-12	-8	7.45	Ma
				-16*	-7*	6.14	A 2

* Proper Motions from Boss.

Examination of Table III. shows that the F stars have a uniform distribution, but the F8-G5 stars show a large excess of faint stars about 12^h, and deficiency about 20^h.

The K0 stars and still more those of types K2-M show a large number of stars from 17^h-23^h, and the latter a comparatively small number in high galactic latitudes.

In Table V. the number of stars of different spectral types are divided still further according to magnitude. Attention may be drawn to the large percentage of faint stars in the group F8-G5.

TABLE V.—*Number of Stars for Different Magnitudes for Different Spectral Types.*

Spectral Type.	m. <5.9.	m. 6.0-6.9.	m. 7.0-7.9.	m. 8.0-8.5.	m. 8.6-8.9.	m. 9.0.	Sum.
B0-5	17	17	25	11	1	4	75
B8-9	24	55	80	81	41	7	288
A0	40	58	154	223	158	103	736
A2	27	34	87	143	111	80	482
A3	7	21	38	48	42	20	176
A5	6	26	29	42	33	26	162
F0	17	28	62	74	60	26	267
F2	3	16	41	52	37	19	168
F5	15	42	75	142	122	61	457
F8	2	13	51	125	118	77	386
G0	13	17	50	82	111	80	353
G5	15	37	129	212	221	173	787
K0	61	118	264	335	282	118	1178
K2	8	20	103	130	97	33	391
K5	11	15	60	87	46	15	234
M	8	18	43	37	18	19	143

Magnitude of Proper Motions.

The numbers of stars with proper motions between certain limits are given for each spectral type in the following table:—

TABLE VI.—*The Numbers of Stars with Proper Motions between Certain Limits for Different Spectral Types.*

	0"-1".	1"-2".	2"-3".	3"-4".	4"-5".	5"-6".	6"-7".	7"-8".	8"-9".	9"-10".	10"-15".	15"-20".	20"-
B0-5	13	26	16	7	5	3	..	..	..	..	..	..	..
8-9	61	73	79	38	22	6	5	..	..	..	1	1	..
A0	83	184	193	142	65	41	16	6	3	2	1	1	1
2	55	119	122	88	55	25	9	5	5	1	3	3	..
3	13	32	40	33	24	14	7	7	1	2	2	1	..
5	11	32	31	25	25	22	8	3	1	2	5	..	..
F0	25	38	59	33	30	25	17	10	6	8	7	3	5
2	11	28	13	28	23	18	14	6	7	2	15	4	2
5	16	46	70	77	51	42	29	30	15	12	43	12	11
8	14	37	41	43	55	34	39	25	20	12	44	8	9
G0	18	28	41	49	21	18	29	21	13	15	37	21	34
5	37	86	118	98	76	68	35	31	26	20	70	42	51
K0	96	183	245	179	128	97	58	40	15	23	54	15	41
2	27	83	92	78	50	26	11	11	4	1	7	3	6
5	24	50	53	37	21	18	8	4	4	1	7	1	4
M	13	26	31	28	13	17	9	5	1	2	..	1	1

This table shows very clearly how the proportion of stars of large proper motion increases to a sharp maximum for types G0 and G5. This is indicated roughly, but in a striking manner, by comparison of the number of proper motions greater than 15" a century with the number less than 5" a century.

Type of Spectrum.	Number of Stars.		Proportion.	Type of Spectrum.	Number of Stars.		Proportion.
	p.m. > 15".	p.m. < 5".			p.m. > 15".	p.m. < 5".	
B0-B5	0	67	} 1 : 250	F5	23	260	1 : 11
B8-B9	1	273		F8	17	190	1 : 11
A0	2	667		G0	55	157	1 : 2.8
A2	3	439		G5	93	415	1 : 4.5
A3	1	142		K0	56	831	1 : 15
A5	0	124		K2	9	330	1 : 37
F0	8	185		K5	5	185	1 : 37
F2	6	103	1 : 17	M	2	111	1 : 56

Among the types B, A, and M, the few stars with large proper motions are bright stars. The following list gives all the stars of these types with proper motion $>10''$ a century.

		m	"			m	"
B8	β Tauri	1.78	18	A2	40 Leo. Min.	5.55	12
B9	41 Arietis	3.68	13	A2	δ Herculis	3.16	16
A0	α Andromidæ	2.15	21	A2	Lal. 42712	6.71	20
A0	α Coronæ	2.31	16	A3	P. III. 170	5.38	11
A0	γ Coronæ	3.93	10	A3	P. V. 256	5.81	18
A2	B.D. 24°, 550	9.1	10	A3	P. XII. 52	6.11	14
A2	f Leonis	5.73	11	Ma	β Pegasi	2.61	23
A2	g Leonis	5.33	19	Ma	α Vulpeculæ	4.63	17

The proper motion of B.D. 24°, 550 depends on a comparison with Berlin B, with a time interval of thirty-two years. As this is the only faint star of these types with large proper motion, it seems reasonable to suppose that accidental errors have accumulated and increased the true proper motion.

Systematic Motions.

A determination of the solar motion was made for each type by Airy's method from equations of the form

$$\begin{aligned} X \sin \alpha - Y \cos \alpha &= \mu_{\alpha} \\ X \cos \alpha \sin \delta + Y \sin \alpha \sin \delta - Z \cos \delta &= \mu_{\delta} \end{aligned}$$

$$\begin{aligned} \text{where } X &= M \cos A \cos D \\ Y &= M \sin A \cos D \\ Z &= M \sin D \end{aligned}$$

and M, A, D are the parallactic motion, right ascension, and declination of the Solar Apex.

To simplify the arithmetical work, the stars were divided into hourly groups, and the mean position of each group taken to be at the even half-hours, and at declination 28°.

A few stars of very large proper motion in each type were omitted. They are given in the following list :—

List of Stars omitted on Account of Large Proper Motion.

Approx.		Harvard.		P.M.		B.D. No.
R.A. 1910.	Dec.	Mag.	Spectral Type.	R.A. (unit ".001).	Dec.	
h m	° '					°
5 21	28 32	1.78	B8	+ 31	- 177	28 795
6 58	29 29	5.95	F8	+158	- 823	29 1441
7 48	30 53	8.2	G0	+725	-1848	31 1684
7 55	29 29	6.94	G0	-131	-1179	29 1664
13 8	28 20	4.32	G0	-797	+ 875	28 2193
16 0	25 29	7.06	G0	-527	+ 698	25 3020
23 57	26 36	5.85	G0	+834	- 986	26 4734
17 43	27 46	3.48	G5	-322	- 750	27 2888
15 55	27 59	8.1	K0	-756	+ 304	28 2503
20 0	29 39	5.68	K0	+670	- 528	29 3872
23 40	29 3	8.9	K0	+923	+ 18	28 4634
11 6	30 56	8.8	K5	+584	- 212	31 2240
13 19	29 42	8.86	K5	-446	+ 239	29 2405
14 10	30 38	8.45	K5	-394	+ 158	30 2494
19 25	24 29	4.63	Ma	-127	- 113	24 3759
22 59	27 36	2.61	Ma	+190	+ 133	27 4480

TABLE VII.—Systematic Motions for different Spectral Types—
Equations and Solutions.

Spectral Type.	No. of Stars.	Mean Mag.	Equations.	X.	Y.	Z.	A.	D.	M.
Bo-B5	76	6.89	$64x + y - 10z = -17$ $- x + 28y - 2z = -33$ $- 10x - 2y + 59z = +55$	-0.11	-1.12	+0.91	264	39	1.44
B8-B9	289	7.54	$229x + 23y - 33z = -32$ $23x + 119y - 10z = -123$ $- 33x - 10y + 223z = +175$	+0.06	-0.96	+0.76	274	38	1.23
A0	732	8.00	$542x + 61y - 71z = -176$ $61x + 334y - 20z = -392$ $- 71x - 20y + 584z = +499$	-0.11	-1.11	+0.78	264	35	1.36
A2	482	8.15	$325x + 25y - 42z = -54$ $25x + 258y - 6z = -321$ $- 42x - 6y + 371z = +341$	+0.05	-1.23	+0.90	272	36	1.52
A3-A5	339	8.00	$228x + 12y - 14z = -138$ $12x + 182y - 8z = -343$ $- 14x - 8y + 261z = +373$	-0.42	-1.79	+1.35	257	37	2.28

TABLE VII.—*Systematic Motions for Different Spectral Types—
Equations and Solutions—continued.*

Spectral Type.	No. of Stars.	Mean Mag.	Equations.	X.	Y.	Z.	A.	D.	M.
Fo-F2	432	7.95	$258x + 4y - 15z = -55$ $4x + 271y - 3z = -507$ $-15x - 3y + 332z = +546$	-.09	-1.85	+1.62	267	41	2.46
F5	457	8.13	$272x + 3y + z = +35$ $3x + 285y - 14z = -637$ $x - 14y + 352z = +997$	+1.14	-2.11	+2.75	274	52	3.47
F8	381	8.42	$221x + 6y + 2z = -64$ $6x + 237y + 6z = -587$ $2x + 6y + 294z = +818$	-.25	-2.54	+2.84	264	48	3.82
Go	351	8.52	$193x - 2y + 16z = +18$ $-2x + 228y - 9z = -689$ $16x - 9y + 270z = +866$	-.19	-2.90	+3.10	266	47	4.25
G5	774	8.35	$449x - 12y + 24z = +188$ $-12x + 484y - 5z = -1284$ $24x - 5y + 596z = +1883$	+2.21	-2.62	+3.13	275	50	4.09
Ko	1221	8.00	$701x + 31y + 15z = -141$ $31x + 728y + 24z = -1207$ $15x + 24y + 906z = +1921$	-.17	-1.72	+2.17	264	52	2.77
K2-K5	621	8.07	$388x + 41y - 29z = -2$ $41x + 366y + 41z = -184$ $-29x + 41y + 488z = +763$	+1.19	-.71	+1.60	285	66	1.76
M	147	7.90	$95x + 5y - 5z = -30$ $5x + 85y + 8z = -29$ $-5x + 8y + 113z = +191$	-.19	-.49	+1.72	249	74	1.80
K2, K5, M	768	8.03	$483x + 46y - 34z = -32$ $46x + 451y + 49z = -213$ $-34x + 49y + 601z = +954$	+1.12	-.67	+1.65	280	68	1.78

The determinations given above were made after applying a correction of +".003 to Newcomb's value of the precessional quantity n in accordance with recent determinations of this constant. This correction introduces more accordance into the values of A depending on the ratio X: Y. In cases where these quantities are small, as in types B, A and M, the correction to the precession makes a considerable change, but a much smaller one for types F8 and G.

The increase in the declination of the Solar Apex is shown in a marked manner

as we proceed from types B and A to K and M. For types B and A it is 36° ; from F5 to K0 it is 50° , while for the small groups K2-K5 and M it reaches 66° and 74° .

This shift of the declination will be explained if the proportion of stars belonging to the two star streams is different for the different types of spectrum. It was shown in the *Monthly Notices* for June 1917, that the stars, taken as a whole and not divided into their spectral types, showed the phenomena of star-streaming very clearly. It was concluded (p. 590) that the Apices of the two streams were at R.A. 90° , Dec. -13° , and R.A. 270° , Dec. -60° ; that the relative velocities were as 10 : 6, and that the stars were divided between the streams in the ratio 4 : 3.

Adopting the ratio 10 : 6 of the stream velocities, and the positions of the Apices just given, it follows that corresponding to various positions of the Solar Apex the proportion of stars belonging to the two streams should be as follows:—

	A.	F5-K0.	K2-K5.	Ma.
Declination of Apex	36°	50°	66°	74°
Percentage of Stars of Stream I.	61	49	38	33

The proper motions for stars of types A, F, G and K, were plotted separately for each hour, except from 3^h – 9^h where the streams are not sufficiently separated. The number of stars moving within 30° of the directions of the Apices of the two streams were counted for stars with proper motions $>10''$ a century, between $5''$ and $10''$, and those less than $5''$ a century. The number of stars moving within 30° of the direction of the Apex of Stream I. are given in the following table under the heading Stream I., those within 30° of the Apex of Stream II. under the heading Stream II., and those falling in the remaining 240° in the third column for each group. The distances from the Apices are also given. At the bottom of the table are given the sums omitting 16^h – 20^h , which is more than 150° from the Apex and where $\sin s_1$ is small. In addition, the corresponding numbers are given when restricted to proper motions $>5''$ a century or $>10''$ a century.

TABLE VIII.

Hour.	Distance from		Sin s_1 .	Sin s_2 .	Type A.			Type F.			Type G.			Type K.			
	Apex I.	Apex II.			Stream		Re-mainder.	Stream		Re-mainder.	Stream		Re-mainder.	Stream		Re-mainder.	
					I.	II.		I.	II.		I.	II.		I.	II.		
h h	°	°															
0-1	98	118	1.00	.88	20	7	20	25	21	33	33	25	12	31	10	27	
1-2	77	125	.97	.82	17	12	26	32	15	13	34	8	8	19	26	29	
2-3	65	132	.91	.74	21	7	29	34	12	20	20	17	25	21	14	31	
9-10	65	132	.91	.74	8	6	13	24	9	22	27	15	18	27	33	29	
10-11	77	125	.97	.82	11	3	6	28	12	22	23	20	25	19	32	27	
11-12	98	118	1.00	.88	5	4	9	25	17	15	14	9	24	19	8	27	
12-13	102	110	.98	.94	12	6	16	24	15	19	29	25	39	26	12	32	
13-14	116	104	.90	.97	5	4	10	14	10	18	24	6	29	20	16	25	
14-15	129	98	.77	.99	5	1	12	17	9	22	10	9	24	14	12	34	
15-16	142	93	.62	1.00	7	3	13	15	10	20	18	14	30	20	26	55	
16-17	154	90	.43	1.00	4	8	16	8	16	40	8	14	21	14	28	27	
17-18	163	89	.29	1.00	6	17	51	9	13	32	9	9	20	15	27	38	
18-19	163	89	.29	1.00	14	17	71	4	14	16	10	11	28	15	22	52	
19-20	154	90	.43	1.00	61	29	102	11	9	25	10	11	18	26	15	37	
20-21	142	93	.62	1.00	42	29	83	10	11	22	7	9	9	23	29	48	
21-22	129	98	.77	.99	21	12	50	26	10	32	20	8	13	30	26	67	
22-23	116	104	.90	.97	22	13	29	18	14	27	10	9	18	27	22	54	
23-0	102	110	.98	.94	15	3	28	26	11	27	14	13	13	22	20	52	
Total	..	..	.88	.91	211	110	342	308	176	310	283	187	287	318	288	535
> 5"	..	..	..	..	52	12	33	173	76	92	159	102	126	114	79	103
> 10"	..	..	..	..	7	2	3	53	30	28	81	49	62	45	26	28

The percentages obtained from the totals in the above table of stars moving within 30° of the direction of the Apices of Streams I. and II. are—

Spectral Type.	All Stars.			Stars with p.m. > 5".		
	Stream I.	Stream II.	Remainder.	Stream I.	Stream II.	Remainder.
A	32	17	51	54	12	34
F	39	22	39	51	22	27
G	37	25	38	41	26	33
K	28	25	47	39	27	34

These figures show a continually increasing proportion of stars belonging to Stream II. They have to be interpreted in conjunction with the considerations:—

(1) The velocity of Stream I. is greater than that of Stream II. in the proportion 10 : 6.

(2) The peculiar motions increase relatively to the Stream motions.

(3) The accidental errors of the determinations cause more spreading where the proper motions are small (*e.g.* in type A) than where they are large (*e.g.* types F8-G5).

It is not possible to estimate these effects exactly, but the observed distribution of the directions of the proper motions generally supports the explanation suggested above of the different declinations of the Solar Apex derived from stars of different spectral type.

We may conclude that 60 per cent. of the A stars belong to Stream I., and the proportion diminishes till it is about 50 per cent. for those of type K0, and is 40 per cent. for types K2 and K5, while for M it is only 33 per cent.

Lists are given of—

- (1) The stars of proper motion $>20''$ a century.
- (2) The B stars.
- (3) The M stars.

With reference to the proper motions of the B and M stars, it is to be remembered that they are very small, especially those of the fainter stars, so that the accidental errors have greater importance than with the stars of other types.

The publication of this catalogue affords a fitting opportunity to record the great services of Mr Thackeray to the Royal Observatory and to Astronomy in the series of catalogues which have been produced under his direction. They include the Greenwich Catalogues of 1890, 1900, and 1910, as well as the re-reduction of Groombridge's Observations. In the formation of the present catalogue he was for some time single-handed, owing to the war. The value of the catalogue is due to a very large extent to the persistence with which he examined every detail which could improve its accuracy, and the readiness with which he undertook every discussion which promised to be fruitful.

F. W. DYSON.

ROYAL OBSERVATORY,
GREENWICH, *June* 1920.

List of Stars of proper motion 20" or more per century.

Approx. R.A.	Proper Motion.		Mag.	Spectral Type.	Approx. R.A.	Proper Motion.		Mag.	Spectral Type.	Approx. R.A.	Proper Motion.		Mag.	Spectral Type.
	R.A. ".001.	Dec. ".001.				R.A. ".001.	Dec. ".001.				R.A. ".001.	Dec. ".001.		
h m					h m					h m				
0 1	+380	-176	6.20	K 0	4 22	+369	+102	9.4		10 2	+33	-244	8.11	G 5
3	+140	-161	2.15	A 0 p	31	+217	-142	8.4		6	-395	+62	8.6	G 0
4	+197	-142	8.2	G 0	37	+77	-244	8.0	K 0	11	+150	-299	7.54	G 0
6	+217	+35	8.7	G 5	54	+280	-138	9.0		14	-178	-101	9.6	
7	+303	-63	8.8		56	+108	-262	8.5	G 5	20	+24	-203	8.2	G 5
11	+191	+47	8.9	K 2	5 4	+201	-55	9.1		23	+207	-136	9.2	
13	+137	-170	8.56	G 5	4	+205	-104	6.91	F 5	30	+67	-197	9.6	
30	+394	-64	9.4		5	-31	-210	8.46	G 5	33	+221	-90	8.7	K 0
31	+170	-423	8.6	F 8	44	+99	-262	9.0		38	-226	-83	8.8	F 8
33	-227	-248	4.52	G 5	54	+174	-286	9.4		51	-203	-100	9.6	
34	-210	-75	9.4		6 0	-151	-363	9.1		51	-446	-145	8.6	K 0
45	+222	-31	7.61	G 5	9	-64	-266	4.45	K 0	52	+330	-174	9.2	K 0
47	+230	-46	8.2	G 0	23	-196	-432	8.8		11 0	-401	-82	7.49	G 0
53	+215	-120	8.6	G 0	35	+196	-280	8.0	K 2	6	+588	-212	9.0	
56	+197	-73	9.0	G 5	45	-15	-208	6.91	F 8	6	+588	-212	8.8	K 5
1 3	+196	-47	6.29	F 2	49	+250	-245	8.1	G 0	20	-301	-158	8.8	K 0
16	+497	-95	9.1	G 5	57	+159	-823	5.95	F 8	22	-208	-114	9.26	K 0
20	+273	-165	7.8	F 8	7 2	-139	-323	8.31	G 5	25	-93	-207	6.78	F 0
20	-328	-105	8.9	G 0	4	-107	-203	7.01	G 0	25	-93	-207	9.6	
24	+214	0	8.2	G 5	8	-392	-112	8.4	K 0	38	-195	-62	9.2	
26	+197	-78	7.27	G 0	12	+162	-139	8.1	G 5	39	-51	-391	8.8	
28	+254	-47	8.9	G 5	23	+149	+183	4.18	F 0	12 1	+166	-121	8.6	G 5
32	-211	-238	7.10	K 0	24	-60	-211	9.4		8	-169	-129	9.0	
32	+254	+5	8.26	F 8	29	+135	-352	8.0	G 0	14	-190	-127	9.6	
33	+421	-243	8.7	G 5	37	+63	-237	4.26	K 0	14	-199	-142	6.30	F 5
34	+496	+168	7.9	G 5	39	-622	-58	1.21	K 0	16	-227	+159	7.35	K 0
47	+17	-232	3.58	F 5	47	+730	-1848	8.2	G 0	22	+40	-242	8.6	K 2
52	+228	-76	9.2		54	-131	-1179	6.94	G 0	34	+153	-205	9.01	G 5
2 3	+180	-308	9.4		8 5	-69	-354	5.83	G 5	38	+70	-202	9.3	G 5
5	+291	-264	8.9		12	-289	-814	8.5		42	-125	-238	6.72	F 5
10	+318	-136	8.2	G 5	14	-12	-388	5.16	F 5	44	-263	-75	8.3	G 0
33	-473	-404	7.21	G 0	31	-207	+118	9.5		44	-329	-115	6.39	G 5
40	+243	-180	8.11	K 0	32	-111	-186	7.65	G 5	46	-148	-211	8.7	G 5
42	+206	-119	8.2	K 0	32	-229	-112	9.5		48	-226	-95	7.66	G 0
43	+212	-168	7.09	K 0	39	-125	-339	9.5		13 3	-290	+120	8.6	G 5
50	+260	-165	7.45	G 5	47	-482	-245	6.06	K 0	3	-290	+120	9.0	
52	+215	-59	9.4		49	+74	-433	6.67	G 0	4	+195	-80	8.61	G 0
57	+240	-168	6.72	G 0	9 3	-117	-387	5.96	G 5	7	-797	+875	4.32	G 0
3 3	-173	-836	8.0	F 2	6	-219	-111	9.5		12	+55	-357	8.4	K 0
31	+254	-259	8.1	G 0	12	+77	-507	7.26	K 0	14	-299	+44	8.2	G 5
37	+190	-159	8.7	G 5	20	+97	-190	7.77	G 5	19	-449	+239	8.86	K 5
43	+70	-230	8.9	G 5	27	-142	-234	7.13	K 0	26	-71	-191	8.9	
46	+118	-354	9.1	G 5	47	+128	-175	8.1	K 0	28	+65	-217	6.18	G 5
56	-94	-196	8.3	G 5	47	-218	-63	4.10	K 0	42	-251	-90	6.55	F 5
58	+283	-122	8.2	K 0	54	-345	-57	8.0	G 0	44	-484	-78	7.26	K 2
4 9	+113	-168	7.26	K 0	54	-256	-53	7.91	G 5	48	+222	-414	8.8	K 0
14	+120	-186	8.8	G 5	10 0	-214	-95	8.8	K 0	14 4	-208	-47	9.2	K 0

List of Stars with proper motion 20" or more per Century—continued.

Approx. R.A.	Proper Motion.		Mag.	Spectral Type.	Approx. R.A.	Proper Motion.		Mag.	Spectral Type.	Approx. R.A.	Proper Motion.		Mag.	Spectral Type.
	R.A. ".001.	Dec. ".001.				R.A. ".001.	Dec. ".001.				R.A. ".001.	Dec. ".001.		
h m					h m					h m				
14 10	-395	+ 158	8.05	K 5	18 0	- 19	- 288	6.66	F 5	21 47	+224	+ 185	9.3	K 0
18	-666	- 322	8.6		11	+ 30	- 238	6.49	G 0	50	+204	- 250	7.6	K 0
21	+792	-1099	9.5		14	+335	+ 92	9.2		52	+216	+ 18	9.0	
24	-233	+ 141	8.2	K 0	34	- 60	- 461	8.2	G 5	54	-386	- 378	6.83	F 5
30	+194	+ 120	4.48	F 0	37	+ 84	- 835	8.8		22 1	+ 56	- 209	8.1	G 0
37	-211	+ 6	9.3		19 14	+197	+ 226	8.36	G	2	+299	+ 18	3.96	F 5
39	-280	- 2	9.5		21	-188	- 631	6.17	F 8	7	+239	+ 114	8.7	
45	- 27	- 331	9.2		25	- 15	- 423	6.98	G 5	11	-196	- 85	9.8	
15 3	+188	- 183	5.03	F 0	38	- 6	- 216	8.4		37	+135	- 197	8.9	K 0
15	-537	- 116	8.1	G 0	39	+ 82	- 293	6.76	F 8	39	+249	+ 23	8.3	G 5
17	-204	+ 143	6.86	F 5	44	- 4	+ 228	6.75	G 5	41	-248	- 347	6.52	K 0
19	+129	- 198	5.05	G 0	45	+ 80	- 225	7.06	G 0	41	-203	- 19	9.4	
54	-755	+ 304	8.1	K 0	53	-106	- 184	8.6	F 0	59	+192	+ 133	var.	M a
16 0	-524	+ 698	7.06	G 0	53	+119	- 201	9.0		23 7	-193	- 122	6.40	
27	- 92	- 256	8.6	K 0	53	+119	+ 229	8.2	G 5	8	+185	- 124	9.3	K 0
29	+230	- 65	7.8	F 8	59	+675	- 528	5.68	K 0	11	+355	+ 92	8.06	K 0
32	- 5	- 502	7.32	F 8	20 1	+ 32	- 378	7.8	G 5	15	+661	- 48	8.8	K
34	- 39	- 198	7.31	G 5	1	+208	- 96	9.2		25	+184	- 164	8.7	K 0
37	-464	+ 385	3.00	G 0	37	+228	- 39	8.8	G 5	30	+556	+ 239	6.72	G 0
17 6	-221	+ 223	8.3	K 0	45	-175	- 220	9.6		30	-209	- 269	7.91	G 5
14	- 66	+ 208	8.1	K 2	45	-174	- 281	8.4	K 2	32	+200	+ 63	7.16	G 0
23	-297	+ 89	8.1		53	+254	+ 88	6.90	G 0	34	+307	+ 234	6.97	G 0
23	- 71	+ 280	8.0	G 5	21 1	-185	- 146	8.6	K 0	40	+924	+ 18	8.9	K 0
23	+ 3	+ 372	8.6	G	21	-145	- 158	8.4	G 5	45	+269	- 10	9.4	
25	-206	- 295	9.4		25	-120	- 168	8.6	G 5	50	+579	+ 4	7.30	G 5
42	-322	- 750	3.48	G 5	37	+354	- 86	7.43	G 5	56	+239	- 2	9.4	
57	-118	+ 163	7.16	G 5	40	+208	+ 58	8.2	G 5	57	+833	- 986	5.85	G 0
58	+373	- 580	7.10	K 0	40	+282	- 240	4.73	F 5					

List of B Stars.

h m					h m					h m				
0 15	+ 3	- 2	5.82	B 8	2 44	+ 67	-113	3.68	B 8	3 40	+ 45	- 41	8.2	B 9
19	- 14	- 15	6.80	B 8	50	- 8	- 18	6.72	B 9	40	+ 29	- 45	4.02	B 5
31	- 12	- 38	6.26	B 9	58	- 16	- 20	8.6	B 9	40	+ 16	- 41	5.85	B 8
57	+ 23	- 31	5.46	B 8	3 0	+ 4	- 14	6.11	B 8	40	- 10	- 22	6.46	B 9
1 7	+ 18	- 8	8.3	B 9	1	- 18	+ 2	7.60	B 9	40	- 3	- 38	8.5	B 9
44	+ 4	+ 10	6.73	B 9	4	+ 29	- 25	5.60	B 9	41	+ 36	- 26	6.68	B 9
2 1	+ 45	- 1	6.0	B 8	12	- 13	- 9	8.3	B 9	41	- 26	- 8	8.5	B 8
9	+ 23	+ 41	7.21	B 8	23	- 25	- 3	7.06	B 3	42	+ 26	- 41	6.81	B 9
30	- 14	+ 23	7.10	B 8	25	+ 13	- 11	7.14	B 9	42	+ 8	- 17	9.2	B 9
34	+ 8	- 8	7.45	B 8	35	- 16	+ 23	6.89	B 9	43	- 5	+ 32	8.7	B 9
38	+ 4	- 13	4.58	B 9	38	- 10	- 11	8.7	B 9	43	- 11	- 7	8.2	B 9
41	+ 15	- 6	8.0	B 3	39	+ 19	- 55	5.43	B 5	43	0	- 47	6.63	B 9
42	- 24	- 22	7.19	B 8	39	+ 16	- 55	5.63	B 8	48	+ 13	- 17	2.91	B 1
42	+ 7	+ 6	8.7	B 9	39	+ 11	- 48	4.37	B 5	49	- 39	- 21	var.	B 0 p

List of B Stars—continued.

Approx. R.A.	Proper Motion.		Mag.	Spectral Type.	Approx. R.A.	Proper Motion.		Mag.	Spectral Type.	Approx. R.A.	Proper Motion.		Mag.	Spectral Type.
	R.A. ".001.	Dec. ".001.				R.A. ".001.	Dec. ".001.				R.A. ".001.	Dec. ".001.		
h m					h m					h m				
3 54	- 1	+ 1	8.1	B 9	5 36	+ 12	+ 36	8.0	B 9	59 5	+ 22	- 18	8.8	B 9
4 7	+ 8	- 1	8.4	B 9	36	- 11	+ 7	8.5	B 9	6 0	+ 25	- 9	7.45	B 0
15	+ 8	+ 11	7.81	B 9	38	- 15	+ 21	6.86	B 2	0	+ 24	- 3	8.5	B 8
15	+ 40	- 5	8.2	B 9	38	- 11	+ 23	7.8	B 9	0	+ 7	- 3	8.6	B 8
17	+ 26	- 32	5.38	B 9	38	+ 1	- 39	8.2	B 5	1	+ 15	- 23	7.01	B 9
18	+ 18	- 23	6.16	B 8	38	+ 6	- 3	8.1	B 8	1	+ 29	- 2	8.6	B 9
27	- 22	- 6	8.6	B 9	38	- 12	+ 7	8.11	B 9	2	- 30	+ 4	8.0	B 9
28	+ 5	- 22	5.70	B 9	38	+ 3	- 13	8.1	B 5	3	- 4	+ 17	8.7	B 9
32	+ 18	- 5	8.56	B 9	39	- 19	+ 18	7.22	B 9	3	- 3	- 23	8.6	B 8
32	+ 11	- 21	7.08	B 3	39	+ 3	- 10	8.24	B 5	5	+ 7	+ 8	7.63	B 8
35	- 9	- 31	8.4	B 9	39	+ 59	+ 23	8.8	B 9	5	+ 11	- 5	8.21	B 9
42	- 17	- 24	7.36	B 9	40	+ 28	+ 7	7.7	B 9	6	- 17	+ 6	8.21	B 9
45	+ 3	- 17	7.72	B 3	41	+ 3	+ 8	8.0	B 9	10	+ 23	- 16	8.6	B 9
52	+ 30	- 60	5.65	B 9	41	+ 3	- 9	8.1	B 9	10	+ 16	- 25	6.87	B 9
53	+ 12	- 9	8.0	B 5	42	- 9	+ 18	8.7	B 8	13	+ 19	- 14	8.0	B 8
54	+ 3	- 49	6.57	B 9	43	+ 13	- 24	8.5	B 8	13	+ 7	- 3	8.5	B 9
55	- 12	+ 21	7.8	B 5	43	- 3	+ 4	8.1	B 8	15	- 11	- 29	7.16	B 9
55	- 5	- 5	7.50	B 9	44	+ 40	- 39	8.8	B 5	16	+ 24	- 14	8.6	B 9
57	- 14	- 31	8.4	B 9	44	+ 25	- 19	8.0	B 5	17	+ 15	- 17	8.2	B 9
5 0	- 5	+ 1	6.56	B 5	45	+ 28	+ 4	9.4	B 5	17	+ 18	- 27	8.4	B 8
2	+ 3	- 11	5.50	B 3	46	- 7	- 18	8.91	B 9	18	+ 35	+ 7	8.7	B 8
7	- 20	- 17	9.1	B 9	46	+ 4	- 12	8.8	B 9	18	+ 31	- 6	8.5	B
9	+ 5	+ 7	8.2	B 8	47	+ 8	+ 4	9.0	B 5	19	+ 3	- 26	6.52	B 9
10	+ 4	- 4	8.4	B 9	47	+ 27	+ 5	8.1	B 3	29	- 1	+ 11	8.0	B 9
13	+ 57	- 37	9.1	B 9	48	- 7	- 20	7.8	B 8	33	- 12	+ 13	8.16	B 9
15	- 25	- 30	6.30	B 9	48	- 4	- 7	9.0	B 9	33	- 11	- 23	5.84	B 8
17	- 4	- 29	7.76	B 9	48	- 7	+ 3	8.4	B 8	35	+ 5	0	8.0	B 9
17	+ 25	- 30	6.39	B 9	48	- 30	- 5	7.46	B 5	36	+ 6	- 34	8.2	B 9
18	- 12	- 9	5.93	B 9	49	+ 40	+ 28	8.6	B 9	36	+ 34	- 9	7.46	B 9
19	+ 7	- 4	8.76	B 8	49	+ 5	+ 5	8.4	B 8	38	+ 17	- 11	8.2	B 9
20	+ 9	- 3	8.06	B 9	50	- 27	+ 1	7.7	B 2	38	- 30	- 21	8.2	B 9
20	+ 32	- 177	1.78	B 8	50	+ 5	- 32	8.6	B 8	44	+ 14	- 29	8.7	B 9
21	0	- 19	5.72	B 9	51	- 18	- 8	6.02	B 3	49	+ 17	- 2	7.91	B 8
21	+ 8	+ 6	8.4	B 8	52	- 25	- 17	7.31	B 8	50	0	- 42	7.67	B 3
26	- 25	- 11	7.11	B 5	52	- 1	- 4	4.90	B 2	50	+ 3	- 6	6.97	B 9
27	+ 48	0	8.2	B 2	52	+ 15	+ 8	8.8	B 8	53	- 15	- 14	6.29	B 9
27	0	- 42	6.92	B 8	52	+ 10	- 10	7.96	B 8	56	- 17	- 16	8.5	B 9
28	+ 9	+ 20	8.0	B 8	52	- 55	- 13	7.81	B 9	59	+ 16	- 17	8.4	B 9
30	+ 7	- 3	8.5	B 8	53	- 12	- 13	9.4	B 8	7 1	+ 22	+ 9	6.23	B 9
31	+ 36	+ 7	8.6	B 8	53	+ 25	+ 5	8.2	B 9	8	- 1	- 16	6.66	B 9
31	+ 13	- 30	5.70	B 8	53	- 25	- 1	7.9	B 9	10	+ 28	- 44	8.0	B 8
33	+ 8	- 12	8.2	B	55	- 23	- 20	6.08	B 8	11	+ 6	- 22	6.68	B 8
33	+ 37	+ 3	6.00	B 5	57	+ 3	+ 3	7.9	B 3	12	+ 1	- 20	5.98	B 9
33	+ 1	+ 13	7.52	B 5	57	- 13	+ 1	9.0	B	17	- 5	0	9.0	B 9
34	+ 31	- 31	5.00	B 3	57	- 1	+ 4	6.97	B 8	28	+ 3	+ 3	7.7	B 9
34	- 3	- 9	8.0	B 9	58	+ 51	- 15	8.8	B 9	31	- 20	- 33	7.60	B 9
34	- 5	- 1	5.96	B 8	58	+ 34	- 6	8.6	B 9	40	- 8	- 2	8.0	B 8

List of B Stars—continued.

Approx. R.A.	Proper Motion.		Mag.	Spectral Type.	Approx. R.A.	Proper Motion.		Mag.	Spectral Type.	Approx. R.A.	Proper Motion.		Mag.	Spectral Type.
	R.A. ".001.	Dec. ".001.				R.A. ".001.	Dec. ".001.				R.A. ".001.	Dec. ".001.		
7 43	- 21	- 30	8.7	B 9	18 54	+ 22	0	7.46	B 9	19 38	- 8	+ 4	6.74	B 8
45	+ 13	- 2	8.0	B 9	54	- 31	+ 4	8.2	B 9	39	- 15	+ 27	6.06	B 9
52	+ 10	- 42	8.8	B 9	56	+ 4	- 11	6.70	B 8	41	- 17	+ 20	7.35	B 5
8 0	+ 9	- 19	6.16	B 9	57	- 4	- 7	5.50	B 3	42	- 3	- 24	7.28	B 0
43	- 38	- 18	8.7	B 9	57	- 13	+ 6	6.78	B 5	43	0	- 5	7.46	B 9
9 19	- 16	- 6	8.81	B 9	59	+ 9	- 14	6.93	B 8	44	- 1	+ 12	7.41	B 9
24	- 15	- 25	7.60	B 8	19 0	+ 28	- 25	7.05	B 9	46	- 1	+ 15	6.29	B 8
29	+ 9	- 30	7.8	B 9	4	+ 11	+ 2	6.66	B 5	47	+ 7	- 12	7.8	B 5
10 13	- 22	- 8	6.46	B 9	5	+ 13	+ 11	6.68	B 9	47	+ 4	+ 25	7.34	B 9
40	- 26	- 41	5.37	B 9	7	+ 6	+ 21	8.0	B 9	51	0	+ 3	6.36	B 9
11 9	+ 11	- 20	7.96	B 9	10	- 10	+ 13	7.16	B 8	55	+ 30	- 9	5.44	B 8
13 9	+ 20	- 26	8.8	B 9	11	+ 3	- 8	6.69	B 8	56	+ 12	- 3	8.8	B 9
14 39	+ 8	- 1	8.3	B 9	12	+ 4	- 8	6.26	B 9	57	+ 12	- 21	8.2	B 9
45	- 11	- 3	6.56	B 9	12	+ 18	- 15	6.75	B 9	57	- 3	+ 3	6.71	B 8
15 29	- 26	- 26	4.17	B 5	12	+ 4	- 3	8.4	B 9	57	+ 7	- 6	5.75	B 8
17 13	- 3	+ 17	7.06	B 9	14	- 20	+ 8	7.32	B 5	58	+ 4	+ 23	6.60	B 8
14	- 6	- 21	7.20	B 9	16	+ 36	- 4	6.64	B 5	59	+ 12	- 15	6.79	B 9
42	- 6	+ 3	6.25	B 9	16	- 3	- 8	6.64	B 9	59	+ 1	+ 3	7.7	B 8
18 16	- 10	- 3	6.54	B 8	17	+ 12	- 2	7.26	B 3	20 1	- 1	- 12	5.69	B 0
17	+ 24	- 19	6.86	B 3	17	+ 20	- 6	7.26	B 3	1	+ 24	- 12	8.0	B 8
21	- 34	+ 21	8.0	B 9	19	- 3	- 15	4.92	B 5	4	- 8	+ 5	8.0	B 9
22	- 47	+ 11	9.2	B 9	20	+ 9	+ 10	4.86	B 3	4	+ 1	- 14	7.8	B 3
22	- 16	+ 11	6.83	B 3	20	- 4	+ 8	6.36	B 8	6	+ 3	- 10	7.6	B 5
22	+ 65	- 7	8.2	B 9	20	- 3	+ 9	7.20	B 8	6	- 9	+ 32	8.0	B 9
22	+ 8	+ 11	6.87	B 3	21	+ 3	- 1	8.5	B 9	6	+ 41	+ 15	6.94	B 3
22	- 1	- 7	8.6	B 9	21	+ 11	- 12	7.28	B 8	6	- 1	- 23	7.44	B 9
23	+ 4	- 11	6.36	B 3	22	+ 45	+ 12	8.0	B 9	7	- 17	- 4	6.72	B 9
23	- 30	- 7	8.7	B 8	25	0	- 9	8.0	B 8	7	+ 37	+ 6	9.2	B 9
24	- 7	+ 18	6.82	B 9	26	- 3	- 4	8.1	B 9	8	+ 5	+ 5	7.10	B 8
24	+ 20	- 25	8.6	B 9	27	+ 8	+ 10	8.5	B 9	8	+ 5	+ 6	7.56	B 8
27	+ 25	+ 9	7.45	B 9	27	- 11	- 8	5.36	B 9	8	- 4	- 16	5.91	B 8
29	- 1	- 7	5.37	B 8	27	- 28	+ 14	7.7	B 8	9	+ 7	0	7.9	B 9
29	+ 8	+ 1	6.43	B 3	30	- 8	- 4	8.1	B 9	9	+ 22	+ 11	8.1	B 8
30	+ 33	- 13	7.41	B 8	31	+ 42	- 20	8.0	B 9	10	+ 12	- 9	6.94	B 3
30	+ 23	+ 6	8.6	B 9	32	- 1	+ 2	7.6	B 2	10	- 14	- 10	8.0	B 9
32	+ 4	+ 6	8.1	B 9	32	+ 1	- 8	8.01	B 9	10	- 4	+ 4	7.38	B 5
36	+ 18	+ 27	6.74	B 9	32	+ 11	+ 14	7.46	B 5	11	- 3	- 2	4.82	B 3
39	- 9	- 12	7.52	B 9	32	+ 38	+ 9	8.6	B 9	14	- 14	+ 17	6.78	B 3
39	- 8	- 16	8.0	B 9	32	+ 4	+ 12	8.6	B 9	15	- 25	+ 15	8.4	B 9
41	+ 36	+ 18	7.8	B 9	33	+ 8	+ 9	8.46	B 9	16	- 16	- 4	6.64	B 8
44	- 8	- 21	5.78	B 3	33	+ 25	- 1	6.26	B 5	16	+ 3	- 7	7.40	B 8
46	- 12	- 25	6.50	B 9	34	+ 12	- 1	8.2	B 9	18	- 12	- 13	5.41	B 8
46	+ 14	- 16	7.46	B 8	34	+ 26	+ 11	7.72	B 9	20	- 1	- 7	8.0	B 9
47	- 11	- 20	8.5	B 8	35	0	- 13	7.11	B 9	26	- 21	- 4	8.0	B 9
48	- 14	+ 4	8.8	B 9	36	- 1	+ 13	7.20	B 8	29	+ 18	- 23	7.6	B
48	+ 23	+ 17	8.6	B 9	36	+ 3	+ 13	7.7	B 8	31	+ 4	- 1	7.41	B 5
48	- 9	+ 4	8.1	B 9	36	- 1	- 8	7.6	B 9	33	+ 15	- 15	5.52	B 9

List of B Stars—continued.

Approx. R.A.	Proper Motion.		Mag.	Spectral Type.	Approx. R.A.	Proper Motion.		Mag.	Spectral Type.	Approx. R.A.	Proper Motion.		Mag.	Spectral Type.
	R.A. ".001.	Dec. ".001.				R.A. ".001.	Dec. ".001.				R.A. ".001.	Dec. ".001.		
h m					h m					h m				
20 34	+ 16	- 35	7.7	B 9	21 14	+ 26	+ 9	8.11	B 5	22 17	+ 5	- 2	4.88	B 8
40	- 9	+ 3	8.0	B 3	15	+ 16	- 4	7.12	B 9	23	+ 5	+ 4	6.71	B 9
41	- 9	+ 5	8.0	B 9	21	+ 11	+ 17	6.88	B 8	38	+ 5	- 3	7.9	B 9
43	+ 20	- 2	7.00	B 9	22	+ 26	- 15	8.7	B 8	39	- 16	- 9	8.1	B 9
45	+ 9	+ 13	7.76	B 9	31	+ 4	- 11	8.4	B	44	o	- 23	7.26	B 9
45	+ 9	+ 13	7.56	B 9	41	- 4	+ 7	7.18	B 9	23 3	- 9	- 17	7.25	B 9
46	+ 9	+ 8	7.04	B 9	41	+ 14	+ 1	6.56	B 8	5	o	- 27	6.89	B 9
49	- 16	- 8	8.0	B 9	43	+ 1	- 4	8.1	B 8	6	+ 16	- 6	8.2	B 9
49	+ 5	+ 9	7.76	B 9	48	+ 36	- 19	8.4	B 9	9	- 12	+ 6	8.4	B 9
50	+ 7	- 3	7.56	B 9	48	+ 1	+ 1	5.05	B 3	17	+ 9	- 21	5.37	B 8
50	+ 16	- 11	6.44	B 3	56	+ 16	+ 14	7.7	B 9	20	+ 15	+ 11	7.21	B 9
54	+ 18	+ 37	7.17	B 9	57	- 14	+ 6	7.8	B 9	31	- 19	- 9	7.34	B 9
57	+ 24	- 9	7.8	B 8	59	+ 25	+ 4	7.01	B 9	50	+ 25	+ 12	6.59	B 9
21 3	+ 17	- 5	7.51	B 8	59	+ 3	- 4	7.39	B 9	52	+ 17	+ 2	7.50	B 9
7	+ 10	+ 9	6.77	B 9	22 2	+ 16	+ 1	7.9	B 9	54	+ 8	+ 1	6.36	B 5
8	+ 8	+ 11	8.2	B 9	12	- 18	+ 6	7.59	B 8					

List of M Stars.

h m					h m					h m				
o 5	- 30	+ 10	8.2	M a	3 16	- 6	- 10	7.7	M a	8 9	- 16	- 25	8.86	M c
5	- 33	+ 1	8.1	M b	41	- 24	- 52	9.2	M a	47	- 16	- 15	6.31	M a
6	+ 18	+ 15	8.2	M a	42	+ 16	- 52	8.7	M a	55	+ 22	- 32	8.51	M a
16	+ 34	+ 8	7.86	M a	43	- 46	+ 23	8.7	M a	58	- 29	- 44	7.86	M a
17	+ 44	+ 45	var.	M d	59	o	+ 26	8.5	M a	9 5	- 6	- 37	var.	M a
22	+ 5	+ 25	7.61	M a	4 18	+ 21	+ 13	8.0	M a	25	+ 22	- 21	8.7	M a
47	+ 6	- 23	8.2	M a	5 5	- 10	- 18	6.72	M a	31	+ 13	- 42	5.74	M a
50	+ 21	- 22	6.36	M b	34	- 5	- 1	6.72	M a	45	+ 5	o	7.28	M a
51	+ 36	- 4	8.2	M a	45	+ 13	- 11	7.7	M a	10 11	- 13	- 18	8.9	M a
52	+ 19	- 9	8.1	M a	6 0	- 8	- 26	6.32	M a	12	+ 18	+ 1	7.88	M a
54	- 27	- 3	8.8	M a	3	+ 26	- 39	7.6	M a	17	+ 5	- 15	9.0	M a
1 6	- 13	- 33	8.5	M a	35	+ 42	- 4	8.0	M a	48	- 34	- 7	7.28	M a
7	- 45	- 12	8.7	M a	36	- 3	- 46	7.8	M a	58	- 12	+ 13	9.2	M a
8	+ 27	- 31	8.7	M a	40	- 36	- 49	9.0	M a	11 0	- 31	- 29	8.8	M a
9	+ 34	- 56	6.63	M a	55	+ 7	- 7	9.4	M a	26	- 90	+ 8	7.00	M a
12	- 7	- 9	9.3	M a	59	+ 46	- 8	6.80	M a	58	- 7	- 29	7.66	M b
17	+ 18	- 7	7.7	M b	7 0	+ 48	- 18	9.1	M a	12 12	+ 32	+ 1	8.4	M a
40	+ 30	- 41	7.9	M b	1	- 11	- 54	6.90	M a	29	- 16	- 8	7.45	M a
52	+ 17	- 53	6.02	M b	5	- 24	- 26	8.21	M a	40	- 38	- 6	8.2	M a
52	- 41	- 63	7.21	M b	10	- 18	- 9	5.87	M a	41	+ 25	- 17	9.6	M a
2 3	+ 5	+ 16	7.7	M a	14	- 5	- 12	8.2	M b	49	+ 90	- 16	9.3	M a
10	+ 62	- 13	var.	M d	14	- 65	- 37	9.4	M b	58	- 67	- 31	7.21	M a
12	+ 16	- 18	6.85	M a	20	+ 23	+ 12	8.6	M a	13 32	- 12	- 13	5.90	M a
33	+ 4	- 2	8.1	M b	29	- 16	- 15	7.91	M a	14 0	+ 9	- 47	8.2	M a
35	- 3	+ 18	var.	M c	58	o	- 17	8.16	M a	18	- 42	- 33	6.56	M b
50	- 4	- 19	7.24	M a	8 2	- 6	- 10	9.2	M b	19	- 20	- 14	8.2	M a

List of M Stars—continued.

Approx. R.A.	Proper Motion.		Mag.	Spectral Type.	Approx. R.A.	Proper Motion.		Mag.	Spectral Type.	Approx. R.A.	Proper Motion.		Mag.	Spectral Type.
	R.A. ".001.	Dec. ".001.				R.A. ".001.	Dec. ".001.				R.A. ".001.	Dec. ".001.		
h m					h m					h m				
14 20	+ 35	- 51	7.93	M a	17 39	+ 45	- 57	7.41	M b	20 15	+ 11	- 26	6.74	M a
24	+ 32	- 22	7.01	M a	44	+ 54	- 29	8.3	M b	27	- 22	- 38	8.4	M a
33	o	+ 33	var.	M a	44	- 9	- 23	7.91	M a	39	o	+ 3	7.8	M b
39	- 11	- 21	4.93	M a	47	+ 13	- 26	8.16	M a	44	- 11	+ 5	7.9	M b
57	- 64	- 52	8.2	M a	49	- 48	- 9	8.5	M b	59	- 1	- 5	7.74	M a
15 17	+ 3	- 27	var.	M d	18 5	- 12	+ 6	var.	M d	21 24	+ 38	+ 8	9.4	M a
34	- 5	- 36	7.12	M b	6	- 35	- 49	8.6	M a	32	+ 28	+ 19	7.8	M a
52	- 9	- 6	8.1	M a	8	- 8	+ 16	5.02	M a	35	+ 34	+ 4	8.71	M a
16 2	+ 57	- 11	8.3	M a	24	- 17	- 26	7.7	M b	45	+ 7	- 1	9.3	M a
7	+ 22	- 43	9.1	M a	27	+ 15	- 21	7.96	M a	59	+ 20	+ 4	7.7	M b
21	- 28	- 26	9.2	M b	35	+ 17	- 11	7.31	M a	22 1	- 67	- 24	7.7	M a
34	- 27	- 45	7.08	M a	39	+ 17	- 15	8.8	M a	6	+ 19	- 10	7.33	M b
39	+ 50	- 49	8.1	M a	19 1	+ 32	- 16	6.39	M a	16	+ 3	+ 21	6.50	M a
44	+ 4	- 37	8.7	M a	3	+ 36	+ 25	9.2	M a	19	+ 4	- 3	7.46	M b
51	+ 39	- 56	9.1	M a	11	+ 26	- 44	6.13	M a	36	+ 24	- 8	8.1	M a
56	- 28	- 10	7.26	M b	13	+ 6	+ 2	8.0	M a	38	+ 57	+ 2	8.8	M c
56	+ 8	- 1	8.3	M a	24	- 127	- 113	4.63	M a	39	- 7	- 2	8.8	M a
17 1	+ 24	- 59	8.2	M a	27	+ 11	- 1	9.1	M a	44	+ 3	+ 14	9.1	M b
2	+ 5	- 14	8.1	M a	27	+ 43	+ 42	9.2	M a	59	+ 192	+ 133	var.	M a
6	- 1	- 16	8.3	M a	28	+ 1	- 3	8.2	M b	23 31	- 14	+ 36	6.60	M a
14	- 12	- 13	7.07	M a	30	+ 33	- 22	7.21	M a	42	o	- 26	7.45	M a
15	- 19	- 16	7.06	M a	35	- 30	- 12	8.6	M a	42	- 14	+ 8	8.21	M b
30	o	- 9	7.71	M a	42	- 9	+ 5	7.76	M a	52	- 17	+ 3	8.8	M a
32	+ 12	- 70	6.57	M a	54	+ 3	- 3	8.5	M a	53	- 42	- 37	4.75	M b
36	- 4	+ 12	6.30	M a	20 9	+ 40	+ 3	8.5	M b					

EXPLANATION OF THE SEPARATE COLUMNS OF THE PRINTED CATALOGUE.

Column 1 gives the reference numbers to the stars in the catalogue.

Column 2 gives the zone and reference number in the *Bonn Durchmusterung*.

Column 3 gives the reference number in the *Astronomische Gesellschaft Catalogue* for 1875, the letters B, C, and L referring to the *Berlin* (Becker), *Cambridge* and *Leiden* sections.

Column 4 gives the reference numbers in Weisse's reductions of Bessel's zones for 1825.

Column 5 gives the reference numbers in *Lalande's* catalogue for 1800.

Column 6 gives the observed right ascension corrected for magnitude correction, and reduced to 1910.0 without proper motion.

Columns 7, 8, 10, 11 give the precession and secular variation as described in Part I.

Column 9 gives the observed declination reduced to 1910.0 without proper motion.

Column 12 gives the mean date of observation, in the few cases of two entries the first refers to the R.A. and the second to the declination observations.

Columns 13, 14 give the proper motions in units of $^{\circ}.0001$ and $''\cdot001$, those marked * are taken direct from Boss' *Preliminary General Catalogue* for 1900.

Column 15 gives the magnitude of the star according to the Harvard system, those with two places of decimals are the latest Harvard values, and the others the B.D. magnitude reduced to the Harvard system by the tables given (*Harvard Annals*, LXXII, p. 216).

Column 16 gives the spectral type from the *Henry Draper Catalogue* in course of publication.

N.B.—The number of observations is in all cases 5, except when stated otherwise in the notes.

GREENWICH CATALOGUE OF STARS FOR 1910·0

PART II.

CATALOGUE OF STARS IN THE ZONE
+ 24°.0' TO + 32°.0'

OBSERVED AT THE ROYAL OBSERVATORY, GREENWICH
1906—1914

AND REDUCED WITHOUT PROPER MOTIONS TO THE EPOCH
1910·0

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. ".001.		
1	28 4697	C 14431			h m s	s	s	o ' "	"	"	11.5	+ 13	- 29	9.2	
2	23 4852	B 9202	1246		o o 0.90	+3.0726	+0.186	29 13 17.0	+20.046	-0.009	11.5	+ 13	- 29	9.2	
3	29 5057	C 14432	1247-8	47212-3	o o 9.29	0729	153	24 12 2.5	046	9	12.1	+ 13	+ 23	9.5	F 5
4	25 5068	C 14434	1253	47214	o 14.09	0733	188	29 35 8.3	046	10	10.4	+ 49	- 34	8.2	K 2
5	25 5069	C 14435	1255		o 17.93	0734	165	26 8 53.4	046	10	10.0	+ 76	+ 6	6.52	
6	26 4744	C 14436	1256-9	47216	o o 21.01	0735	166	26 13 26.4	046	10	11.0	o	- 11	9.0	
7	29 5059	C 14437	1262-3-4	47219-21	o o 23.27	+3.0736	+0.172	27 10 26.8	+20.046	-0.10	10.5	+ 58	+ 12	7.0	
8	27 4673	C 14438			o o 31.96	0743	191	29 49 43.7	046	10	9.5	- 30	- 31	8.4	F o
9	31 5034	L 10234	1277-8		o o 46.44	0749	178	28 2 35.0	046	10	10.2	- 27	+ 4	9.2	
10	23 4853	B 9205	1284	47245	o 59.89	0761	205	31 46 52.1	046	11	10.6	- 19	- 13	9.4	
11	27 4674	C 14441		47248	1 18.99	0759	153	24 4 6.0	046	11	9.8	+ 11	- 7	7.12	K 5
12	24 4885	B 9206	1289-90	47250	o 1 22.85	+3.0767	+0.177	27 46 33.8	+20.046	-0.11	8.9	+ 3	+ 13	6.93	K 2
13	28 4704	C 3	1304	47261-2	1 25.15	0763	155	24 24 57.5	046	11	9.6	+ 47	- 28	7.46	K o
14	27 4676	C 4	1305	47264	1 56.28	0786	183	28 31 30.1	045	12	9.6	+ 288*	- 176*	6.20	K o
15	28 4705	C 5	1307		1 57.72	0786	180	28 3 10.1	045	12	10.2	- 30	+ 17	6.79	K o
16	29 5063	C 6	1308		2 2.55	0789	181	28 19 44.6	045	13	10.8	+ 33	- 55	9.0	
17	28 4707	C 8			o 2 5.76	+3.0795	+0.192	29 52 26.8	+20.045	-0.13	11.1	+ 19	+ 51	9.7	
18	28 4706	C 7			2 10.68	0794	184	28 37 20.8	045	13	11.7	+ 30	- 6	9.4	
19	30 5090	L 2	1313-4	47270	2 10.73	0794	182	28 27 0.1	045	13	11.3	+ 80	- 58	9.4	
20	28 4708	C 11			2 12.29	0803	198	30 37 47.2	045	13	11.1	+ 38	- 15	8.2	K o
21	30 5091	L 4			2 24.96	0804	187	29 7 55.7	045	13	11.6	+ 31	- 26	9.0	A o
22	25 5073	C 12	1324-6	47281	o 2 25.02	+3.0807	+0.196	30 27 34.2	+20.045	-0.13	10.8	- 10	- 7	9.4	
23	27 4680	C 13			2 43.77	0802	167	25 57 9.0	045	14	10.0	+ 105	- 122	7.30	K o
24	31 1	L 9	1332-3-4		2 46.78	0812	182	28 12 35.9	045	14	10.2	- 2	+ 11	9.2	
25	30 1	L 12	1335-6	47287	2 54.64	0829	205	31 30 29.8	044	14	10.2	- 59	- 13	8.2	
26	29 2	C 15		47309	2 56.78	0829	204	31 10 6.8	044	14	10.6	- 3	- 29	7.01	G 5
27	30 2	L 16	1356-8	47311	o 3 22.40	+3.0835	+0.189	29 20 11.0	+20.044	-0.15	10.9	+ 6	- 45	7.9	F 2
28	30 3	L 17	1359-60	47312	3 23.44	0844	200	30 53 26.8	044	15	11.9	- 36	- 24	7.06	A 5
29	24 1	B 7			3 30.75	0848	201	30 52 41.3	044	15	12.0	+ 21	- 1	7.30	A 3
30	29 3	C 17			3 32.44	0820	160	24 48 0.4	044	15	11.8	- 32	- 41	8.8	F 5
31	28 3	C 18			3 33.04	0842	191	29 28 21.7	044	15	12.4	+ 13	+ 39	9.2.	
32	28 4	C 19	1365	47319-24	o 3 35.33	+3.0842	+0.190	29 13 54.7	+20.044	-0.15	12.2	- 24	- 24	8.9	
33	29 5	C 20			3 43.95	0844	185	28 35 36.8	043	16	11.3	+ 106*	- 161*	2.15	A o p
34	24 2	B 9	1375		3 49.44	0850	190	29 20 32.5	043	15	12.4			9.5	
35	24 3	B 12	1387-9	47341	3 52.80	0828	157	24 24 53.1	043	15	10.9	- 24	- 14	9.0	
36	27 2	C 22	1390		4 13.22	0839	161	24 57 38.3	043	17	11.6	+ 76	+ 51	6.35	G 5
37	27 3	C 24		47347	o 4 14.08	+3.0858	+0.183	28 17 57.6	+20.043	-0.17	11.0	- 5	+ 16	8.3	
38	25 7	C 25	9-10		4 21.65	0859	179	27 44 48.6	042	17	9.7	+ 44	o	6.52	A 2
39	31 3	L 26			4 32.76	0852	165	25 32 7.5	042	17	10.4	- 46	- 140	9.0	
40	24 4	B 15	11-12	47352	4 34.89	0892	210	31 58 39.9	042	18	10.4	+ 105	- 58	9.2	
41	25 9	C 26	21		4 36.28	0849	161	24 47 5.3	042	17	10.2	+ 145	- 142	8.2	G o
42	24 6	B 20	29	47384	o 4 58.00	+3.0867	+0.170	26 10 54.0	+20.041	-0.18	9.9	+ 16	+ 17	8.8	
43	26 4	C 28			5 26.92	0871	160	24 41 48.4	040	19	9.0	- 22	+ 10	8.2	Ma
44	24 7	B 21	31		5 31.70	0891	177	27 15 51.5	040	19	10.8	+ 15	- 8	9.9	
45	30 9	L 30	33-4-5		5 34.41	0877	162	25 1 33.4	040	19	10.2	- 1	- 13	8.6	F o
46	27 7	C 29	42	4	5 38.27	0922	204	30 56 56.7	040	19	10.4	+ 2	- 29	9.4	
47	30 10	C 31	46		o 5 47.80	+3.0906	+0.183	28 9 8.9	+20.040	-0.19	8.8	- 25	+ 1	8.1	Mb
48	31 8	L 35	51-2		5 56.37	0929	200	30 29 16.7	039	20	10.0	- 6	- 29	9.3	
49	24 10	B 23	58		6 7.73	0946	209	31 44 31.0	039	20	9.1	+ 14	+ 15	8.2	Ma
50	29 10	C 32	53-4-5	22-3	6 8.86	0887	159	24 19 7.9	039	20	9.8	- 91	- 65	9.2	F 5
					6 9.23	0934	198	30 11 6.4	039	20	9.6	+ 5	- 25	7.91	A o

25. Burnham 7.

27. Burnham 15.

32. Number of observations, 131. Burnham 19.

41. Burnham 31.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001		
51	29 12	C 33			h m s	s	s	° ' "	"	"					
52	28 11	C 35	64	30	6 18.03	+3.0932	+0.193	29 22 17.3	+20.038	-0.021	10.3	- 5	+ 4	9.4	
53	29 14	C 37	68-9-70	34-5	6 22.36	0931	190	29 3 1.8	038	21	10.1	- 17	- 9	8.8	G 0
54	26 5	C 39	71		6 41.58	0950	197	29 56 53.3	037	21	9.7	+ 167	+ 35	8.7	G 5
55	28 13	C 40	75		6 43.21	0922	175	26 44 23.3	037	21	11.0	- 10	0	9.5	
56	27 11	C 43		46	6 47.93	0945	192	29 6 4.7	037	21	11.2	+ 64	+ 85	9.2	
57	26 6	C 44	93		7 0.35	+3.0940	+0.181	27 43 26.8	+20.037	-0.022	10.8	+ 19	+ 3	8.8	
58	26 7	C 45	94-5		7 6.59	0937	176	27 0 36.8	036	22	11.2	+ 18	- 15	8.1	F 5
59	27 12	C 46		54-5	7 9.90	0935	175	26 41 4.7	036	22	11.2	+ 75	- 10	8.2	F 5
60	27 13	C 48	102	57-61	7 11.46	0947	183	27 55 18.2	036	22	11.4	- 63	+ 39	7.9	F 0
61	26 8	C 47	98-9		7 22.17	0954	185	28 6 29.4	036	23	11.2	- 8	- 94	7.15	
62	28 16	C 49			7 22.93	+3.0941	+0.175	26 36 1.2	+20.036	-0.023	11.6	+ 226	- 63	8.8	
63	28 15	C 50			7 26.80	0967	192	29 9 10.0	035	23	12.9	- 22	+ 19	9.4	
64	29 16	C 51	114		7 27.31	0961	188	28 31 59.6	035	23	12.8	+ 34	+ 9	9.4	
65	28 17	C 52			7 39.47	0978	194	29 29 7.9	035	23	12.3	- 28	+ 8	9.2	
66	31 12	L 46	118-9-20		7 45.80	0977	192	29 4 45.5	035	23	12.0	+ 3	+ 27	8.9	K 2
67	28 18	C 53			7 50.03	+3.1007	+0.211	31 42 12.5	+20.034	-0.024	10.3	- 18	+ 13	8.7	A 0
68	23 12	B 31	124	79	7 53.02	0977	189	28 41 4.2	034	23	13.2	+ 14	+ 11	9.4	F 0
69	27 15	C 54	126	83	7 53.72	0931	159	24 8 10.4	034	23	11.8	+ 4	- 16	8.2	F 0
70	30 17	L 48	129-30		8 0.77	0973	183	27 54 17.2	034	24	11.7	+ 5	+ 2	9.4	
71	26 10	C 55	131-2	88	8 5.80	1007	204	30 48 35.2	033	24	12.0	+ 9	- 28	9.4	
72	28 19	C 56	137		8 7.05	+3.0962	+0.175	26 36 32.9	+20.033	-0.024	11.6	- 7	- 27	8.9	K 0
73	25 15	C 60			8 19.88	0993	190	28 53 32.9	033	25	11.0	- 8	+ 22	9.0	K 0
74	25 16	C 61	151		8 33.32	0966	170	25 50 29.6	032	25	12.2	- 42	- 46	9.4	
75	26 13	C 62	152-3	123	8 40.44	0965	167	25 18 57.1	032	25	10.8	- 3	0	8.8	
76	26 14	C 63	159-60		8 44.47	0979	175	26 29 16.5	031	25	9.9	- 3	- 36	6.30	F 5
77	24 16	C 67			8 46.85	+3.0981	+0.176	26 32 38.5	+20.031	-0.026	10.8	+ 28	- 11	9.4	
78	29 25	C 69	174-5		9 10.08	0975	165	25 3 5.7	030	26	10.6	- 18	- 7	9.4	
79	24 17	C 70	182-3	143	9 18.61	1037	198	29 55 0.1	030	27	10.9	+ 16	0	9.9	
80	25 18	C 73	184		9 22.77	0982	166	25 10 52.8	029	27	10.4	- 33	- 20	8.36	K 2
81	25 19	C 75	188		9 28.97	0992	170	25 45 32.5	029	27	10.3	+ 56	- 41	7.02	F 8
82	24 18	B 38			9 40.17	+3.0997	+0.170	25 46 21.9	+20.028	-0.027	10.3	+ 58	- 30	9.0	
83	23 20	B 39		150	9 46.98	0991	165	25 0 0.5	028	27	9.9	+ 4	+ 7	8.8	K 0
84	29 27	C 76			9 53.17	0983	161	24 7 51.1	027	28	10.2	- 31	+ 9	9.3	
85	26 21	C 78			10 5.23	1061	199	29 46 43.0	027	28	10.8	+ 102	+ 26	9.3	
86	30 26	L 63	204-6	186-8	10 24.68	1036	181	27 5 53.9	025	29	11.1	- 15	- 25	9.9	
87	26 23	C 79	210	191	10 26.01	+3.1091	+0.208	31 2 7.9	+20.025	-0.029	9.9	+ 20	- 12	6.61	K 5
88	26 22	C 80			10 30.39	1034	179	26 46 59.8	025	29	9.8	+ 21	- 35	6.06	A 0
89	28 23	C 81	211		10 31.96	1039	181	27 6 36.8	025	29	11.2	+ 105	+ 60	8.9	
90	24 20	B 46		192	10 33.24	1069	196	29 16 23.9	025	30	11.6	+ 20	- 4	9.2	
91	29 28	C 83	213		10 35.86	1012	165	24 53 35.0	025	29	11.2	- 54	- 126	8.9	F 5
92	27 25	C 84		193	10 39.94	+3.1084	+0.200	30 1 51.8	+20.024	-0.029	11.6	+ 102	- 38	9.0	
93	29 29	C 91	224		10 40.82	1057	188	28 5 20.3	024	29	10.5	+ 36	- 68	8.2	F 5
94	27 29	C 94			11 14.08	1104	202	30 5 6.0	022	31	11.6	- 27	+ 4	9.7	
95	29 31	C 95	229		11 26.74	1081	188	28 7 10.6	021	31	13.2			10.1	
96	25 24	C 96	231		11 29.44	1112	202	30 1 53.2	021	31	10.3	+ 147	+ 47	8.9	K 2
97	29 32	C 98	236		11 29.98	+3.1051	+0.174	25 55 14.7	+20.021	-0.031	13.2	- 1	+ 5	9.4	
98	29 33	C 100	237		11 39.88	1117	202	29 57 54.0	020	31	13.0	- 39	- 7	9.4	A 2
99	25 25	C 101	239-40		11 41.19	1108	197	29 20 57.9	020	31	13.1	- 8	- 3	9.4	
100	28 29	C 102	241	211	11 41.45	1052	171	25 36 29.3	020	31	11.8	- 1	- 75	9.2	
					11 51.28	1105	194	28 47 36.8	019	31	9.4	- 3	+ 17	8.8	K 0

52, 80. Number of observations, 6.

55. Burnham 53.

59. Burnham 61.

75. Burnham 70.

100. Burnham 101.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. ".001.		
101	29 35	C 108	251-2		h m s	s	s	° ' "	"	"					
102	27 33	C 109			0 12 14.03	+3.1129	+0.199	29 31 28.3	+20.017	-0.033	11.4	- 70	- 75	9.3	K 0
103	30 31	L 71	257	240-1	12 22.15	1105	187	27 48 51.9	017	33	11.3	- 5	+ 34	9.9	
104	23 30	B 59	261-2	246	12 24.55	1153	206	30 34 28.4	017	33	10.1	- 9	- 10	8.2	K 5
105	29 37	C 113	273		12 35.24	1054	163	24 9 41.2	016	33	10.0	+ 17	- 21	8.3	K 0
106	25 27	C 115	274		13 2.32	1157	201	29 38 39.8	014	34	11.7	+ 14	- 21	8.7	K 2
107	30 33	L 76	281	269-70	0 13 4.07	+3.1098	+0.176	26 4 11.1	+20.013	-0.034	12.0	- 3	+ 25	9.2	A 2
108	29 38	C 118			13 19.33	1188	209	30 47 31.3	012	35	10.9	+ 17	- 12	8.7	A 0
109	23 32	B 60	285		13 34.08	1184	204	30 6 46.8	011	35	12.6	- 26	+ 9	9.3	
110	30 34	C 120		282	13 35.33	1078	162	24 2 34.5	011	35	13.0	- 7	+ 12	9.4	
111	29 39	C 121	287		13 38.28	1192	207	30 27 38.0	011	35	12.4	+ 106	- 17	8.56	G 5
112	25 29	C 122	291	290-2	0 13 39.02	+3.1182	+0.203	29 53 50.6	+20.010	-0.035	12.4	+ 43	- 40	8.2	K 0
113	30 35	L 79	296	296-7-8	13 49.54	1112	173	25 38 25.5	010	36	12.4	- 18	- 27	8.0	
114	30 36	C 123	298	301	13 49.90	1112	173	25 38 27.7	010	36	12.2	- 18	- 27	7.21	A 2
115	24 29	C 124	300		13 56.08	1213	211	31 1 3.0	009	36	10.0	+ 67*	- 3*	5.80	A 0
116	25 34	C 131	309	313	14 0.97	1203	206	30 19 14.9	009	36	12.0	+ 10	+ 19	8.71	G 5
117	23 33	B 69		321	0 14 1.75	+3.1111	+0.171	25 15 1.6	+20.008	-0.036	12.4	+ 10	- 8	9.2	
118	23 34	B 70	313	321	14 41.08	1141	176	25 57 16.2	005	37	12.5	- 9	- 25	7.67	G 0
119	29 43	C 140	327		14 41.34	1112	164	24 15 55.2	005	37	11.3	+ 42	- 15	9.4	
120	29 43	C 140	327		14 51.98	1115	164	24 14 13.8	004	38	11.0	+ 63	- 16	8.8	
121	23 38	B 73	328	345	15 29.06	1241	204	29 46 53.8	000	39	10.5	- 3	- 13	9.5	
122	30 42	C 142	331-2	354-5	0 15 32.02	+3.1237	+0.202	29 30 53.2	+20.000	-0.039	11.6	- 120	+ 79	9.4	
123	30 43	C 145	339-40	359-60	15 33.70	1132	165	24 9 58.9	000	39	10.5	- 22	- 1	7.60	G 5
124	25 37	C 146	347	369	15 42.04	1262	209	30 26 10.4	19.999	39	10.8	+ 2	- 2	5.82	B 8
125	29 46	C 148			15 48.61	1267	209	30 28 26.2	998	39	10.6	+ 71	+ 67	7.64	G 0
126	28 41	C 149			16 3.87	1182	177	26 0 48.6	997	40	10.6	+ 33	+ 20	8.2	K 0
127	24 30	B 78	355		0 16 14.04	+3.1261	+0.202	29 32 56.5	+19.996	-0.041	12.4	- 14	- 81	9.4	
128	26 37	C 151	358		16 14.29	1253	200	29 11 8.0	996	41	13.0	+ 11	- 29	9.4	
129	24 31	B 79		387	16 21.85	1159	167	24 27 56.4	995	41	12.2	+ 43	- 22	8.7	F 5
130	28 43	C 153	360	388	16 26.80	1203	180	26 29 10.6	994	41	12.0	+ 12	+ 13	9.2	
131	24 32	C 155			16 28.52	1170	169	24 50 20.4	994	41	12.6	+ 25	+ 8	7.86	Ma
132	24 33	C 156			0 16 29.61	+3.1245	+0.194	28 24 18.2	+19.994	-0.041	13.0	+ 18	+ 15	9.2	
133	26 39	C 157		392-3	16 34.30	1176	170	25 1 29.2	993	41	13.3	- 9	- 7	9.4	
134	27 43	C 158		395	16 36.26	1180	171	25 11 1.7	993	41	13.1	+ 7	- 54	8.8	
135	26 40	C 160	366		16 39.52	1225	187	27 14 3.9	993	41	13.0	+ 43	- 19	8.6	F 8
136	27 44	C 161			16 43.84	1240	191	27 49 34.9	993	41	12.4	- 19	+ 24	8.2	F 5
137	27 45	C 164			0 16 50.23	+3.1213	+0.181	26 27 46.3	+19.992	-0.042	11.5	+ 6	- 11	8.12	K 2
138	27 46	C 165	370	403	16 56.89	1241	189	27 35 5.6	991	42	12.4	+ 22	+ 15	9.4	
139	26 42	C 168	374		17 4.76	1243	188	27 29 5.4	990	42	13.0	+ 25	- 1	8.4	K 0
140	24 36	B 85	377		17 10.15	1252	190	27 45 47.9	990	42	13.0	- 10	+ 6	8.8	F
141	23 43	B 86	384	412	17 17.86	1232	183	26 41 10.9	989	43	12.2	+ 37	+ 23	8.49	A 2
142	26 43	C 169			0 17 19.98	+3.1191	+0.170	24 46 32.0	+19.989	-0.043	13.2	- 16	+ 41	9.4	
143	23 45	B 90			17 35.61	1185	166	24 10 50.5	987	43	10.4	- 16	- 5	7.68	A 0
144	27 47	C 172	391-3		17 41.26	1239	181	26 29 49.5	986	43	12.4	+ 33	+ 45	Var.	Md
145	28 49	C 173		418-9	18 0.96	1194	166	24 4 15.6	984	44	11.9	+ 6	- 43	8.8	
146	24 42	C 176	394		18 4.54	1269	189	27 21 56.2	984	44	11.2	- 21	- 36	8.8	
147	28 51	C 177	396		0 18 6.71	+3.1308	+0.200	28 57 19.5	+19.983	-0.044	10.8	+ 57	- 15	6.89	A 3
148	24 44	B 94			18 20.81	1227	173	25 9 32.2	982	45	12.0	+ 1	+ 5	9.4	
149	27 48	C 180			18 23.53	1312	198	28 42 10.0	981	45	12.4	- 24	- 17	9.4	
150					18 43.79	1218	168	24 18 57.9	979	45	11.2	+ 80	- 22	9.2	
					18 53.57	1307	192	27 51 12.0	978	46	12.9	+ 16	+ 5	9.4	

112, 136. Number of observations, 4.

112-3. Σ 24.

116. Burnham 134.

121. The proper motion depends on one observation at Cambridge with a short interval, but is supported by the Oxford Astrographic measures.

136. Burnham 160. Number of observations, 4.

143. This is the variable star T Andromeda, limits of magnitude 8^m.0 to 14^m.5, period 281 days.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.												
												R.A. "0001.	Dec. "0001.														
													h	m	s	s	s	°	'	"	"	"					
151	28 53	C 181			0 18 57.85	+3.1341	+0.0202	29 9 9.2	+19.977	-0.046	12.5	-	1	+ 27	9.4												
152	28 54	C 182			19 0.29	1336	201	28 54 9.8	977	46	13.1	-	4	- 17	9.4												
153	28 55	C 135	416	451	19 8.24	1343	201	28 59 49.5	976	46	12.0	+	36	+ 13	9.2	G											
154	28 56	C 186	417	452	19 9.98	1344	201	29 0 13.4	976	46	11.8	+	37	+ 6	8.8	G											
155	28 58	C 187	421		19 18.23	1347	201	28 58 27.6	975	46	12.6	-	8	+ 24	9.3												
156	30 52	L 106	422	460-1	0 19 19.73	+3.1393	+0.0214	30 41 23.6	+19.975	-0.047	12.4	+	16	- 2	9.3	A 2											
157	25 46	C 188	426	468	19 40.34	1281	179	25 53 50.3	972	47	11.2	-	23	- 7	8.7	G 5											
158	26 50	C 189			19 40.50	1300	185	26 38 22.2	972	47	14.0				10.1												
159	30 55	L 113	431-2	473-4	19 55.93	1419	215	30 52 28.4	970	48	10.9	-	11	- 15	6.80	B.9											
160	29 60	C 193			19 58.69	1402	210	30 11 15.5	970	48	11.8	-	20	- 20	9.4												
161	29 62	C 196		491	0 20 21.37	+3.1391	+0.0204	29 20 58.3	+19.968	-0.049	11.5	-	14	- 44	8.6	F 5											
162	23 52	B 98	440		20 24.25	1256	169	24 4 36.0	967	49	12.1	-	6	+ 19	8.4	G 5											
163	27 52	C 197	442	496	20 27.89	1348	191	27 34 44.3	966	49	11.4	+	9	+ 9	8.8	K 2											
164	29 63	C 198			20 29.51	1401	205	29 30 42.6	966	50	13.7	+	51	- 2	9.4												
165	29 64	C 199	444-7	501-2	20 34.43	1405	206	29 35 45.6	965	50	12.0	+	20	+ 3	8.8	G 5											
166	29 66	C 201	453	514	0 20 54.52	+3.1416	+0.0206	29 34 1.1	+19.963	-0.050	13.3	+	17	- 15	9.5												
167	27 53	C 202	455		20 55.26	1359	191	27 30 41.1	963	50	12.6	-	34	- 22	9.4												
168	29 67	C 203	456-8-9	515	20 58.50	1415	206	29 27 56.2	962	50	12.0	+	9	- 30	9.0	A 2											
169	27 54	C 205			21 5.73	1362	191	27 25 1.8	961	50	13.4	-	39	- 25	9.4												
170	30 57	L 121			21 15.06	1463	216	30 47 55.8	960	51	13.0	-	4	- 33	9.4												
171	28 63	C 207		530-2	0 21 19.37	+3.1397	+0.0198	28 26 33.6	+19.959	-0.051	12.6	+	6	- 11	8.1	K 5											
172	25 52	C 210			21 30.96	1319	176	25 22 26.3	958	51	12.4	+	4	- 7	9.2												
173	31 52	L 124	475		21 32.65	1501	224	31 44 54.8	957	51	11.9	+	15	- 8	8.6	K 2											
174	23 56	B 109	477	543	21 39.73	1293	169	24 14 13.4	956	51	10.9	-	11	- 24	7.48	G 5											
175	29 69	C 211			21 40.93	1435	206	29 20 11.6	956	52	12.8	-	2	- 18	9.4												
176	26 56	C 214	484		0 21 58.83	+3.1364	+0.0186	26 31 27.3	+19.954	-0.052	12.0	+	46	+ 11	9.4												
177	27 57	C 215			21 59.29	1405	196	27 59 3.9	954	52	12.0	-	35	+ 22	9.2	K 0											
178	26 57	C 219	486	554	22 6.21	1372	187	26 41 27.4	953	52	12.1	+	8	- 29	8.4	F 0											
179	27 58	C 220			22 6.84	1395	192	27 29 25.1	953	52	13.6	+	29	- 8	9.4												
180	23 58	B 110	487	556	22 9.61	1303	170	24 7 57.5	952	53	11.8	-	21	- 23	8.2	G 5											
181	30 58	C 221	488	557-60	0 22 13.60	+3.1486	+0.0214	30 27 54.6	+19.952	-0.053	12.9	+	27	- 10	9.2												
182	28 68	C 223	491	564	22 20.27	1433	200	28 33 51.9	951	53	13.8	+	5	+ 27	9.0	A 5											
183	24 52	B 111		566	22 21.33	1319	172	24 32 39.3	951	53	11.1	+	76	- 30	6.72	F 5											
184	26 59	C 224			22 23.24	1393	190	27 7 33.0	950	53	13.0	+	9	0	9.2												
185	30 59	L 130	494	567-8	22 23.42	1498	216	30 40 45.6	950	53	12.8	+	4	+ 25	7.61	Ma											
186	24 53	C 225	497		0 22 29.94	+3.1338	+0.0176	25 4 51.9	+19.950	-0.053	11.8	-	15	- 11	7.90	K 0											
187	29 75	C 226			22 32.24	1488	212	30 11 21.0	949	54	12.6	+	84	+ 17	9.2												
188	27 61	C 228			22 36.40	1405	191	27 20 33.7	949	53	11.9	-	32	+ 1	9.4												
189	30 60	C 230	498-9	574-612	22 39.00	1499	214	30 23 44.0	948	54	11.4	-	14	- 12	8.41	G 5											
190	25 55	C 231	500	577	22 43.16	1364	180	25 46 56.9	948	53	11.1	+	18	- 83	7.71	F 8											
191	27 63	C 236			0 22 48.39	+3.1412	+0.0191	27 20 58.7	+19.947	-0.053	12.0	+	35	+ 15	9.7												
192	30 62	L 135	505		22 50.51	1519	218	30 49 12.1	946	55	11.8	+	27	- 14	9.3	A 5											
193	31 57	L 136			22 53.96	1538	221	31 22 38.3	946	55	12.6	+	94	- 44	9.4												
194	24 57	B 116			22 59.55	1339	173	24 38 22.2	945	54	12.4	+	1	- 13	9.4												
195	27 64	C 238		589	23 4.75	1430	194	27 40 34.8	944	54	10.9	+	19	- 11	8.1	A 2											
196	29 77	C 243			0 23 19.30	+3.1498	+0.0209	29 39 57.5	+19.942	-0.056	11.2	+	17	+ 9	9.7												
197	27 68	C 246	525-6	608-9	23 33.10	1441	194	27 33 45.7	940	55	11.2	-	29	+ 1	8.3	F 8											
198	24 61	B 122	528		23 41.29	1351	173	24 25 51.0	939	55	11.9	-	16	- 10	8.8	A 0											
199	31 59	L 140		614	23 43.56	1586	227	31 56 25.2	939	57	10.3	-	9	- 12	6.71	A 0 p											
200	25 58	C 249			23 43.68	1399	183	26 1 3.0	939	55	11.8	-	14	- 13	9.4												

153 and 154. Σ 28.

155, 166, 185. Number of observations, 6.

171. Number of observations, 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
201	28 71	C 256			h m s	s	s	° ' "	"	"					
202	28 72	C 258	548	641	24 26.61	+3.1515	+0.0206	29 2 59.5	+19.932	-0.058	10.4	+ 10	+ 26	8.9	A 2
203	29 85	C 259	549		24 36.20	1497	200	28 19 48.6	931	57	10.6	+ 37	+ 28	7.8	K 0
204	26 65	C 260	550		24 37.25	1560	215	30 14 11.8	930	58	11.6	+ 22	- 16	8.66	A 5
205	29 86	C 261			24 37.53	1436	186	26 22 28.5	930	58	10.6	- 27	+ 5	8.6	G 5
206	29 86	C 262			24 40.78	1558	214	30 6 3.6	930	58	10.7	+ 24	+ 13	9.9	
207	25 61	C 263	552	643	24 40.90	+3.1558	+0.0214	30 6 10.7	+19.930	-0.058	12.5	+ 24	+ 13	9.4	
208	24 66	B 127	553-4	645	24 41.01	1426	184	25 59 53.1	930	57	9.8	- 6	- 16	8.1	F 0
209	29 88	C 264	557-9	652-3	24 48.04	1379	173	24 23 7.4	929	58	9.7	- 4	- 92	7.78	F 8
210	28 75	C 267	564	662	24 57.09	1552	211	29 39 54.4	927	59	9.8	+ 12	+ 70	8.8	F 5
211	30 66	L 146	567		25 22.18	1552	208	29 15 20.4	923	60	10.4	+ 30*	- 53*	5.26	F 0
212	23 65	B 130	568-9		25 24.97	+3.1617	+0.0221	31 6 7.8	+19.923	-0.060	11.2	- 48	- 45	9.3	
213	27 71	C 269		675-6	25 26.00	1387	172	24 6 38.4	923	59	11.8	0	- 43	8.8	
214	31 66	L 148		673-4	25 42.98	1508	196	27 34 33.9	920	60	10.8	+ 27	- 5	8.4	A 2
215	29 90	C 270	578	682	25 43.53	1649	228	31 40 48.0	920	61	12.0	+ 27	- 35	7.57	F 5
216	31 67	L 150	581	686-7	25 49.28	1581	212	29 40 54.3	919	60	11.8	- 41	0	9.4	A 5
217	28 78	C 271			25 53.92	+3.1654	+0.0228	31 38 23.0	+19.918	-0.061	12.2	- 9	- 8	8.0	F 2
218	29 92	C 272	585-6	691-2	25 55.41	1564	208	29 6 27.7	918	61	12.6	+ 16	+ 10	9.4	
219	27 72	C 273			26 0.29	1583	211	29 32 54.8	917	61	11.3	+ 9	- 46	9.2	K 2
220	28 80	C 274	590	700	26 4.27	1518	196	27 36 52.0	917	61	12.6	- 24	+ 7	9.3	G 0
221	27 73	C 275			26 8.40	1569	207	29 1 51.9	916	61	11.2	- 3	+ 1	8.6	K 0
222	25 65	C 277			26 13.66	+3.1546	+0.0201	28 15 58.3	+19.915	-0.061	11.8	+ 11	- 2	9.3	
223	24 71	C 285			26 34.53	1479	185	25 58 51.9	911	62	10.5	+ 46	+ 1	9.4	
224	27 80	C 287			27 8.43	1468	179	25 12 27.7	906	63	10.0	- 6	- 37	9.4	
225	27 80	C 288			27 11.54	1567	200	28 0 48.1	905	63	11.0	- 2	- 12	8.6	A 2
226	29 94	C 286	619-20	740	27 12.34	1567	200	28 1 28.4	905	63	11.0	- 3	- 11	8.6	G
227	26 72	C 289			27 11.74	+3.1639	+0.0215	30 1 30.6	+19.905	-0.064	10.2	+ 32	+ 5	9.0	K 2
228	28 82	C 293			27 15.47	1539	194	27 9 56.0	905	64	10.9	+ 52	- 3	8.7	G 5
229	28 84	C 292			27 23.67	1588	204	28 26 24.6	903	64	11.7	- 6	+ 30	9.4	
230	24 72	C 296			27 23.88	1609	208	29 1 36.3	903	64	11.3	+ 13	- 6	9.3	
231	25 67	C 297			27 32.39	1477	180	25 8 9.1	902	64	12.0	+ 8	+ 28	9.4	
232	26 74	C 299			27 32.89	+3.1484	+0.0181	25 19 43.0	+19.901	-0.064	12.0	+ 56	+ 2	9.3	
233	28 85	C 300	630		27 35.46	1550	194	27 12 53.1	901	64	10.2	- 11	+ 16	8.8	
234	27 82	C 301	632	758	27 43.99	1599	204	28 27 11.8	899	65	11.0	- 35	+ 21	9.3	
235	26 76	C 303		761	27 47.70	1574	199	27 41 57.5	899	64	10.4	+ 144	+ 50	9.0	G 5
236	23 75	B 152			27 49.80	1553	195	27 5 3.6	898	65	9.8	- 17	- 25	6.54	A 0
237	27 84	C 306	644	769-70-1	27 59.71	+3.1458	+0.0174	24 14 14.6	+19.897	-0.064	12.4	+ 7	+ 40	9.2	
238	28 87	C 308			28 4.01	1585	199	27 47 0.4	896	65	9.8	+ 10*	+ 6*	6.38	G 5
239	29 98	C 309			28 8.02	1636	209	29 6 52.3	895	65	11.0	- 1	- 2	8.8	F 2
240	27 86	C 313			28 9.81	1656	213	29 37 17.8	895	66	12.2	- 12	- 11	9.3	
241	28 89	C 316	667		28 49.04	1603	199	27 38 54.4	888	66	11.6			10.6	
242	24 80	B 156	672	808	28 59.13	+3.1635	+0.0204	28 21 25.0	+19.886	-0.067	10.6	+ 28	+ 1	9.0	K 0
243	31 74	L 173			29 7.70	1513	180	24 57 7.0	884	67	11.2	+ 13	+ 3	8.36	G 5
244	23 76	B 158	680		29 20.82	1787	232	31 52 59.3	882	68	10.8	+ 14	- 9	9.3	
245	30 77	L 174	678-9	819-20-1	29 22.39	1491	174	24 9 2.9	882	67	11.1	+ 11	- 27	9.4	
246	29 99	C 323			29 23.53	1758	226	31 8 57.6	882	68	10.9	+ 32	- 16	7.66	F 2
247	25 77	C 328	688		29 43.02	+3.1712	+0.0215	29 44 53.9	+19.878	-0.068	11.4	+ 19	- 13	10.6	
248	25 78	C 329	696		30 0.01	1560	183	25 34 16.6	875	69	11.2	+ 292	- 64	9.4	
249	29 101	C 331	703	857-8	30 9.40	1578	188	25 56 55.3	873	69	9.9	+ 19	+ 5	8.3	F 2
250	24 83	B 168	705	862	30 31.60	1738	216	29 43 23.7	868	70	10.0	- 14	+ 1	8.8	
					30 39.90	1542	178	24 36 31.8	867	70	9.0	+ 11	- 53	8.06	G 5

204, 206. Number of observations, 4. 205. Number of observations, 1. 210. Burnham 239. 216. Burnham 245.
 224, 225. Burnham 265. 225, 228, 249. Number of observations, 6. 237. Burnham 279. 239. Burnham 280. 248. Burnham 301.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 5.0001.	Dec. 5.001.		
251	23 80	B 169	706		h m s	s	s	° ' "	"	"	10.2	+ 3	- 11	9.3	
252	29 103	C 336	709		0 30 42.42	+3.1521	+0.0174	24 1 19.3	+19.866	-0.069	10.2	+ 3	- 11	9.3	
253	26 88	C 338	710	872	30 52.10	1767	219	30 8 53.3	865	71	11.8	+ 5	- 17	9.4	A 5
254	31 78	L 183			30 53.40	1631	193	26 46 30.0	864	71	11.6	- 1	- 22	9.4	K 0
255	28 95	C 342	717	879	30 54.62	1837	232	31 44 14.0	864	71	12.0	- 20	- 21	9.2	F 8
256	28 96	C 343	719	881	31 5.29	1716	208	28 44 33.8	862	71	11.7	+ 75	+ 26	8.8	
257	29 105	C 344	724	885-6	0 31 6.22	+3.1711	+0.0207	28 36 17.9	+19.862	-0.071	10.3	+ 16	- 2	8.8	G 5
258	26 89	C 345			31 14.37	1753	214	29 30 26.1	860	71	12.6	+ 130	- 423	8.6	F 8
259	26 90	C 347			31 14.57	1753	214	29 30 31.6	860	71	12.8	+ 130	- 423	8.6	F 8
260	26 90	C 347			31 17.66	1657	197	27 7 24.6	859	72	11.0	+ 74	- 17	9.3	
261	29 106	C 348	730		31 30.19	1660	197	27 2 44.3	857	72	12.6	+ 14	+ 12	9.2	
262	26 91	C 349	735	900-1	0 31 32.57	+3.1788	+0.0220	30 6 1.6	+19.856	-0.072	12.1	+ 25	+ 19	9.4	
263	25 81	C 351	736		31 34.28	1650	194	26 45 33.5	856	72	9.6	- 9	- 38	6.26	B 8
264	30 81	C 350			31 36.74	1608	186	25 39 49.6	856	72	11.5	+ 4	+ 22	9.2	
265	29 107	C 352	739	904-5-6	31 36.79	1804	223	30 25 25.6	856	72	12.8	+ 11	+ 13	9.4	
266	26 92	C 354	746	918-9	31 44.49	1763	214	29 20 48.0	854	72	11.8	+ 6	+ 17	8.6	G 5
267	28 99	C 355	747		0 31 58.12	+3.1654	+0.0193	26 33 27.8	+19.851	-0.073	11.8	- 16	- 9	8.2	F 2
268	24 87	B 178	750		32 0.17	1743	209	28 41 17.4	851	73	12.8	- 7	+ 9	9.4	
269	25 84	C 356			32 4.77	1582	180	24 40 27.7	850	73	11.8	+ 14	- 19	8.2	G 5
270	30 82	L 195	754-6	927	32 11.92	1625	187	25 41 7.7	849	73	10.1	+ 54	+ 39	9.2	F 0
271	26 93	C 359	764		32 15.95	1851	227	30 59 28.6	848	74	11.2	- 8	+ 8	8.2	
272	25 87	C 361	777	953	0 32 34.33	+3.1681	+0.0195	26 48 31.2	+19.844	-0.074	11.2	- 14	- 41	8.9	F 5
273	25 88	C 364			33 0.04	1645	186	25 37 36.0	839	75	10.3	+ 27	- 36	8.6	A 0
274	25 89	C 365	779		33 1.22	1644	187	25 36 8.9	838	75	11.8	- 21	- 14	9.4	
275	25 90	C 366	773		33 1.96	1654	189	25 50 7.2	838	75	12.2	- 50	- 22	8.8	
276	31 86	L 199		956	33 5.93	1636	185	25 20 14.5	837	75	11.3	- 41	- 40	8.3	
277	24 88	B 187	783-4		0 33 10.03	+3.1916	+0.0234	31 43 9.7	+19.837	-0.075	12.7	+ 95	- 59	8.8	F 5
278	25 91	C 367	790		33 15.88	1613	181	24 40 45.1	835	76	12.0	0	- 18	8.6	F 8
279	27 95	C 368			33 35.76	1675	190	25 56 14.6	831	76	12.0	+ 47	+ 2	9.2	
280	26 94	C 369			33 39.43	1763	205	27 57 38.0	830	76	12.5	- 17	+ 8	9.4	
281	28 103	C 370	796-7	976	33 44.91	1727	198	27 3 28.6	829	76	12.2	+ 29	- 115	8.7	
282	28 102	C 371	792-5		0 33 47.76	+3.1807	+0.0212	28 49 23.5	+19.828	-0.077	11.2, 11.9	- 173*	- 248*	4.52	G 5
283	31 88	L 202	798-9		33 48.51	1798	210	28 37 52.9	828	76	12.8	+ 7	+ 21	9.4	
284	30 89	C 372	805	980	33 50.64	1926	232	31 24 44.1	828	78	12.0	+ 10	- 50	8.6	G 5
285	26 95	C 374			34 1.14	1890	226	30 31 33.0	826	77	13.0	- 163	- 75	9.4	
286	25 92	C 375	812	983	34 8.73	1745	199	27 13 15.4	824	77	12.7	- 33	- 31	9.0	
287	24 90	B 190	813-4-5	984	0 34 11.52	+3.1687	+0.0190	25 49 46.2	+19.823	-0.077	10.6	+ 14	- 17	7.26	K 0
288	27 98	C 376			34 12.84	1645	183	24 50 37.5	823	78	11.7	- 7	- 23	8.6	F 5
289	30 91	C 378	819-20	992-6	34 13.07	1777	204	27 52 38.0	823	77	11.7	- 30	+ 42	9.2	
290	24 91	B 191	821		34 30.69	1900	224	30 22 6.8	819	78	12.1, 12.3	+ 107*	- 86*	3.49	K 2
291	26 96	C 381			34 35.80	1672	186	25 14 12.4	818	78	12.6	+ 21	- 23	9.11	F 5
292	25 93	C 382	832		0 34 36.50	+3.1749	+0.0198	26 59 41.9	+19.818	-0.078	12.4	+ 19	- 8	8.8	
293	23 88	B 195	830		34 42.23	1719	193	26 14 38.5	817	78	11.7	- 16	- 45	8.9	G 5
294	28 106	C 385	835-6	1021	34 53.87	1630	177	24 3 47.7	814	79	11.2	+ 12	+ 2	8.8	
295	25 96	C 386	844	1032	35 9.30	1851	212	28 52 35.9	811	79	11.8	+ 1	+ 6	9.4	K 0
296	30 93	L 211	845		35 31.71	1739	193	26 10 21.2	806	80	10.0	+ 112	- 7	8.0	F 8
297	30 94	L 212	856		0 35 35.37	+3.1981	+0.0233	31 17 3.9	+19.805	-0.081	11.2	+ 65	- 23	9.4	
298	23 93	B 202	858	1046	35 43.69	1976	231	31 4 14.9	803	82	11.4	+ 32	+ 12	9.2	
299	29 119	C 387	860-2-3		35 44.11	1654	179	24 6 37.6	803	81	9.6	- 10	+ 22	8.2	G 5
300	28 107	C 389			35 51.70	1904	218	29 30 45.0	801	81	11.2	- 39	- 16	8.8	G 0
					35 58.44	1853	210	28 21 52.0	800	81	11.8	- 36	- 6	9.2	

257, 258. Σ 42.
276, 295. Number of observations, 6.

257, 268, 269. Number of observations, 4.
277. Burnham 339. 282. Number of observations, 50.

271. Burnham 332.
289. Burnham 354. Number of observations, 26.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.	
												R.A. 8.0001.	Dec. 0.001.			
					h	m	s	°	'	"	"	"	"	"	"	"
301	28 108	C 390	865	1053	0 35 58.94	+3.1891	+0.0215	29 9 34.1	+19.799	-0.081	10.6	+ 40	+ 14	8.9	K 0	
302	30 96	L 213	867-8	1054-5	36 3.04	1964	227	30 37 17.5	799	81	9.8	+ 116	+ 22	8.2	F 5	
303	27 102	C 392	876		36 34.63	1866	208	28 14 59.9	791	82	11.3	- 47	- 26	9.4		
304	27 103	C 393	878-9	1079-80	36 37.95	1835	204	27 32 56.6	791	82	9.4	+ 1	- 13	8.4	A 5	
305	25 97	C 394	881-2		36 39.18	1736	188	25 24 16.7	790	82	10.4	- 19	- 29	9.2		
306	23 94	B 208	885-7-8	1087	0 36 49.43	+3.1683	+0.0179	24 8 8.4	+19.788	-0.082	8.7	+ 77*	- 24*	5.98	A 5 p	
307	26 103	C 396		1090	36 57.84	1804	198	26 41 34.2	786	83	10.7	+ 42	- 34	8.2	A 2	
308	25 102	C 399	897		37 1.62	1786	195	26 16 9.2	785	83	11.2	+ 27	+ 31	8.6	F 5	
309	31 102	L 219			37 20.45	2059	237	31 36 52.3	781	85	11.9	- 3	- 78	9.0	F 8	
310	29 121	C 401			37 20.64	1984	224	30 8 27.8	780	84	12.0	+ 3	+ 30	9.4		
311	28 110	C 404	906		0 37 28.32	+3.1922	+0.0214	28 49 51.3	+19.779	-0.084	12.4	- 3	+ 7	9.5		
312	27 107	C 406	908	1108	37 31.19	1857	203	27 27 58.1	778	84	12.4	- 19	- 12	8.8		
313	25 104	C 407	909-10		37 31.40	1760	189	25 25 2.0	778	84	13.0	+ 54	- 34	9.2		
314	24 99	B 212			37 34.31	1716	182	24 26 36.1	777	84	12.8	- 11	- 11	9.2		
315	26 108	C 410		1113-4	37 41.28	1847	201	27 8 59.0	776	84	10.6	+ 35	- 5	7.41	F 0	
316	26 109	C 411			0 37 44.94	+3.1812	+0.0195	26 22 33.4	+19.775	-0.085	12.4	- 12	- 5	9.3		
317	31 104	L 223		1116	37 48.14	2061	235	31 20 14.4	774	86	12.5	+ 37	+ 1	9.2		
318	29 125	C 412	923-4	1120-1	37 58.90	1978	220	29 36 36.4	771	86	9.8	- 24	- 49	7.9	G 5	
319	27 109	C 415	932		38 14.28	1904	208	27 58 37.3	768	86	10.7	- 20	+ 36	9.4		
320	29 127	C 417	934	1130-1	38 27.91	1999	222	29 43 4.6	764	86	10.4	- 19	- 20	9.0	K 2	
321	26 112	C 418	941		0 38 31.32	+3.1849	+0.0199	26 41 37.6	+19.764	-0.086	10.0	+ 4	+ 4	8.7	A 5	
322	31 106	L 227	943		38 46.85	2104	237	31 29 8.2	760	88	11.0	- 21	- 13	9.4		
323	24 104	B 216	948-9	1145	38 54.24	1749	183	24 23 50.6	758	87	9.5	- 3	- 13	8.1	G 5	
324		C 420a			38 54.32	1875	201	26 59 37.5	758	87	12.8			9.4		
325	27 113	C 421	945-7		38 55.00	1940	210	28 17 10.5	758	87	10.3	- 3	- 12	9.0	F 8	
326	30 105	C 422			0 39 18.75	+3.2064	+0.0229	30 24 28.6	+19.752	-0.088	12.0	- 1	- 27	9.3		
327	28 114	C 423	959		39 20.53	1976	215	28 43 30.8	751	89	12.0	0	- 2	9.2		
328	30 107	L 232	962		39 27.16	2094	232	30 53 28.1	750	88	11.3	+ 25	- 25	9.2	G 5	
329	25 110	C 426	970		39 49.13	1866	197	26 16 43.2	744	89	10.1	+ 97	- 57	8.7	F 8	
330	24 107	C 427	971		39 51.72	1810	188	25 8 14.7	744	89	11.8	+ 12	+ 2	9.4		
331	29 130	C 429			0 39 57.40	+3.2070	+0.0226	30 7 8.2	+18.742	-0.090	11.5	- 35	- 5	9.2		
332	27 116	C 433			40 27.30	1978	210	28 5 40.2	735	91	11.4	+ 14	- 13	8.8		
333	27 117	C 434	982	1192	40 29.90	1947	205	27 28 17.8	734	90	10.8	+ 10	- 1	8.6	G 5	
334		C 435			40 30.46	1980	210	28 6 11.7	734	91	12.1	+ 61	+ 20	9.4		
335	30 110	L 238	986	1194	40 36.79	2151	235	31 10 36.3	732	91	11.0	+ 19	- 20	8.8	K 2	
336	28 119	C 437	984		0 40 40.43	+3.2045	+0.0220	29 14 8.6	+19.731	-0.091	10.5	+ 35	- 34	8.6	F 0	
337	29 132	C 438	987	1203	40 47.52	2083	225	29 50 40.1	729	91	10.7	+ 2	- 19	8.8	A 2	
338	28 121	C 439	988	1202	40 47.81	2021	216	28 41 52.6	729	91	10.3	+ 29	- 7	8.8	A 3	
339	28 122	C 441			40 50.54	2038	218	29 0 2.1	728	92	10.2	- 22	+ 20	8.8	A 2	
340	25 111	C 442	991		40 51.01	1848	190	25 21 7.8	728	90	11.2	+ 9	- 37	9.5		
341	25 112	C 444	996	1211-2	0 40 58.89	+3.1868	+0.0193	25 40 51.6	+19.726	-0.091	10.1	- 13	- 14	7.86	K 2	
342	31 111	L 241			41 25.56	2218	241	31 51 33.2	719	93	10.3	- 10	+ 10	9.4		
343	30 112	L 242	1006		41 25.94	2182	236	31 14 4.9	719	93	11.0	- 31	- 27	9.4		
344	30 113	C 450	1007	1229-30	41 34.17	2142	230	30 27 8.6	717	93	9.0	- 21	- 69	7.36	G 5	
345	28 124	C 451	1010	1232	41 34.81	2052	217	28 49 27.5	717	93	10.2	- 9	- 26	9.4		
346	30 114	C 452	1011	1234-5	0 41 37.04	+3.2144	+0.0230	30 27 37.4	+19.716	-0.093	9.2	- 28	- 28	7.61	G 5	
347	25 115	C 455	1018-9		42 13.71	1898	193	25 35 9.8	707	94	11.1	+ 129	- 90	9.2		
348	27 121	C 457			42 16.59	2042	213	28 14 2.7	706	94	10.2			8.9	K 0	
349	26 124	C 460			42 39.63	1967	200	26 39 11.3	700	95	11.4	+ 14	+ 4	9.4		
350	28 128	C 461	1030		42 43.26	2099	219	29 1 50.7	699	96	12.1	+ 39	+ 10	9.4		

306, 314, 317, 341. Number of observations, 6.

322. This is the Cambridge revised place of C 419.
344 and 346. Burnham 415.

326. Number of observations, 4.

335. Burnham 404.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.			Precession.	Sec. Var.	Dec. 1910.0.			Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
					h	m	s			°	'	"				"	"		
351	25 117	C 463			0 42 44.18	+3.1919	+0.0194	25 43 46.4	+19.699	-0.094	10.7	+ 5	- 58	8.9					
352	28 129	C 464		1268	42 48.52	2061	213	28 18 1.2	697	95	11.7	- 26	+ 10	9.2			F 5		
353	27 123	C 465			42 50.49	2011	206	27 21 53.8	697	96	12.4	- 6	+ 12	9.4					
354	28 130	C 466			42 51.69	2074	215	28 29 52.5	696	95	11.8	- 39	+ 59	9.4					
355	24 115	B 240	1035		42 53.04	1887	189	25 2 35.5	696	95	11.4	+ 26	+ 8	8.6			A 0		
356	25 118	C 467	1031	1275	0 42 56.15	+3.1928	+0.0195	25 48 0.0	+19.695	-0.095	10.3	+ 91	- 6	7.06			K 0		
357	26 126	C 468			42 56.60	1972	200	26 36 21.4	695	96	10.7	+ 23	+ 11	7.8			G 5		
358	30 117	L 252	1042		43 18.58	2217	234	30 43 11.9	689	97	10.2	- 40	+ 30	8.9					
359	24 118	C 470			43 18.73	1899	191	25 3 30.8	689	96	10.6	- 24	- 68	9.2			G 5		
360	29 137	C 472	1045	1286	43 23.17	2187	230	30 10 29.9	688	97	10.6	+ 1	- 25	8.9					
361	27 124	C 473	1048	1290	0 43 26.84	+3.2077	+0.0214	28 14 2.2	+19.687	-0.097	10.8	- 10	+ 40	9.3					
362	24 119	B 246	1061		44 7.71	1884	186	24 22 47.9	675	97	11.3	- 12	- 4	9.3					
363	27 126	C 476	1068		44 17.51	2087	212	27 56 23.2	673	99	11.8	- 6	- 22	9.2			F 5		
364	27 127	C 477	1069	1315	44 19.78	2104	214	28 13 44.0	672	99	11.2	- 5	0	7.30			K 0		
365	25 123	C 479	1072		44 25.80	1973	196	25 51 58.4	671	98	11.4	+ 44	- 23	9.2			F 5		
366	24 121	C 483	1076		0 44 49.21	+3.1950	+0.0192	25 15 18.8	+19.665	-0.099	11.8	0	- 30	9.4					
367	29 139	C 484	1077		44 53.73	2224	229	29 56 45.8	663	100	10.7	- 7	- 30	9.2			G 5		
368	30 121	L 261	1080		44 58.82	2294	237	31 2 47.6	661	100	11.8	+ 71	- 21	9.4					
369	31 122	L 262	1082		44 59.40	2336	244	31 43 40.4	661	100	11.2	+ 8	- 4	8.4					
370	29 141	C 486	1081	1332-3	45 0.10	2228	229	29 57 38.2	660	100	9.5	+ 171	- 31	7.61			G 5		
371	26 131	C 487	1084	1338-9-42	0 45 2.82	+3.2068	+0.0207	27 13 14.6	+19.660	-0.100	10.7	+ 69*	- 7*	6.29			F 0		
372					45 3.22	2068	207	27 13 12.4	660	100	10.7	+ 69*	- 7*	6.29					
373	26 132	C 488			45 5.15	2023	201	26 25 57.8	659	100	12.2	+ 116	+ 4	9.4			G 5		
374	24 122	C 492			45 14.66	1947	191	24 59 8.7	657	100	12.2	+ 3	0	9.4					
375	27 132	C 493	1095	1357	45 25.07	2117	212	27 52 46.2	654	101	9.8	- 14	- 11	7.8			K 0		
376	31 125	L 267		1356	0 45 26.41	+3.2342	+0.0242	31 34 11.7	+19.653	-0.102	10.5	+ 7	+ 7	9.3					
377	24 123	C 498	1109	1370	45 50.12	1968	192	25 5 43.2	646	101	10.6	- 34	- 18	7.41			G 5		
378	28 132	C 496			45 50.29	2182	219	28 45 2.4	646	101	12.8	+ 34	+ 1	9.4					
379	28 134	C 495	1108		45 50.38	2206	222	29 8 31.6	646	102	12.0	+ 8	- 39	9.2			F 8		
380	28 133	C 497			45 50.42	2210	223	29 13 33.6	646	102	12.8	- 20	- 35	9.5					
381	31 127	L 272	1104	1372-3	0 45 58.73	+3.2361	+0.0245	31 33 40.8	+19.644	-0.103	12.8	- 5	- 54	9.3					
382	28 137	C 502	1117		46 12.76	2207	222	28 58 2.5	640	102	12.4	- 17	+ 10	9.3					
383	25 124	C 505	1124-5		46 19.83	2033	198	25 59 21.5	638	102	12.0	+ 53	- 28	9.4			F 8		
384	26 137	C 507			46 29.68	2025	205	26 52 5.5	635	103	11.0	+ 8	- 21	9.3			G 5		
385	31 130	L 280	1135-6	1411	46 58.43	2392	244	31 30 42.4	627	105	9.2	+ 8	- 33	8.2			A 2		
386	31 131	L 281		1415	0 47 1.73	+3.2419	+0.0247	31 52 39.6	+19.625	-0.105	9.6	+ 5	- 23	8.2			Ma		
387	26 138	C 510	1139-40	1418-9	47 3.91	2131	208	27 17 23.2	625	104	10.2	+ 39	+ 16	8.4			G 5		
388	31 132	L 283	1141		47 8.51	2392	243	31 24 36.0	623	105	11.5	+ 13	+ 19	9.2					
389	30 124	L 284			47 8.78	2351	236	30 47 0.0	623	105	11.8	- 31	+ 9	9.4					
390	24 124	B 264	1143		47 10.55	1962	187	24 22 6.7	623	105	11.4	- 4	- 1	9.3					
391	24 127	C 516			0 47 24.98	+3.2021	+0.0194	25 16 3.9	+19.618	-0.105	11.8	- 16	- 63	9.4					
392	28 139	C 519			47 29.09	2256	224	29 6 19.1	617	105	12.4	+ 3	- 28	9.4					
393	24 128	C 521	1148-9-50	1431	47 33.59	2026	194	25 17 28.1	616	105	9.9	+ 63	- 1	7.74			K 0		
394	25 131	C 522			47 40.56	2076	201	26 4 54.6	614	105	10.6	+ 51	+ 13	8.2			K 0		
395	30 126	L 289			47 45.43	2354	235	30 30 30.9	612	106	12.8	- 4	- 33	9.4					
396	30 125	L 288	1154	1436	0 47 46.18	+3.2385	+0.0239	30 58 16.8	+19.612	-0.106	10.7	+ 178	- 46	8.2			G 0		
397	30 127	L 290	1159	1440	47 49.22	2382	238	30 54 20.4	611	106	11.4	- 9	- 31	8.30			G 0		
398	29 145	C 524		1441-2	47 49.90	2331	232	30 6 58.3	611	106	11.5	+ 19	- 11	8.4			K 2		
399	28 141	C 526	1162-4		48 3.04	2241	220	28 35 12.0	607	106	12.0	+ 4	+ 8	9.2					
400	29 147	C 527	1167	1455-6	48 15.67	2329	230	29 51 37.6	603	107	11.5	+ 20	- 19	7.71			K 0		

359. Burnham 425.

367, 370. Burnham 437.

371, 372. Σ 61.

374. Burnham 441.

393. Burnham 459.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^s .0001.	Dec. ["] .001.		
401	26 145	C 530	1177		h m s	s	s	° ' "	"	"					
402	28 143	C 531	1178	1479	0 48 41.51	+3.2143	+0.0205	26 42 32.5	+19.595	-0.107	12.0	+ 21	- 24	9.3	
403	28 144	C 533	1179		48 44.68	2263	220	28 35 30.3	594	107	12.0	- 14	+ 3	7.8	A 2
404	27 142	C 534			48 45.42	2289	225	29 0 6.1	594	108	12.6	- 4	- 57	6.72	G 5
405	27 143	C 535	1181		48 45.50	2208	213	27 43 34.2	593	107	12.4	- 5	+ 1	9.4	G
406	24 129	B 269	1185-6		48 46.26	2189	211	27 25 19.3	593	107	12.8	+ 23	- 10	9.0	K 2
407	24 130	B 270			0 48 48.24	+3.2009	+0.0189	24 26 41.4	+19.593	-0.107	12.6	+ 4	- 53	8.2	F 0
408	27 144	C 537		1486-8	48 51.80	2038	192	24 54 34.7	592	108	13.1	+ 54	- 58	9.3	
409	24 132	B 271			48 58.42	2236	216	28 4 12.8	590	107	10.7	+ 32	- 7	7.9	G 5
410	24 133	B 272	1192	1494	48 59.58	2025	191	24 37 40.8	590	108	13.0	+ 35	- 8	9.3	
411	24 134	B 275			49 10.57	2052	193	24 59 58.3	586	109	9.4	+ 72	- 23	7.41	K 0
412	31 137	L 300			0 49 23.44	+3.2042	+0.0191	24 44 7.0	+19.583	-0.109	10.0	- 19	- 58	9.2	
413	24 135	B 277	1196	1502	49 25.73	2475	245	31 27 41.7	582	110	10.4	- 18	- 15	9.2	
414	24 136	C 539		1510	49 27.37	2054	192	24 54 22.3	581	109	9.4	- 10	- 42	8.2	A 0
415	28 149	C 541			49 34.52	2077	195	25 13 38.9	579	109	9.8	0	- 36	8.61	F 0
416	28 150	C 542			49 56.70	2294	220	28 30 2.6	572	109	9.8	- 25	+ 7	8.8	
417	27 146	C 543	1209		0 49 58.15	+3.2291	+0.0220	28 26 41.6	+19.572	-0.109	11.2	+ 19	+ 17	9.5	
418	26 148	C 544	1215		50 16.12	2250	214	27 40 54.0	566	111	11.7	+ 22	+ 17	9.0	F 8
419	23 126	B 285	1218-9	1540	50 20.77	2219	209	27 9 15.0	564	111	12.1	+ 61	+ 58	9.4	G 5
420	29 150	C 545	1221	1539-41	50 25.46	2028	187	24 4 10.4	563	110	9.1	+ 15	- 22	6.36	Mb
421	27 148	C 546	1223	1544-5	50 30.00	2423	235	30 10 25.8	561	112	10.0	+ 17	- 5	7.86	A 2
422	25 135	C 547			0 50 33.42	+3.2284	+0.0217	28 4 22.7	+19.560	-0.111	9.9	+ 34	- 32	7.28	A 5
423	26 149	C 550	1235		50 41.85	2150	200	25 54 56.7	558	111	9.0	+ 5	+ 21	8.8	G 5
424	31 141	L 310			51 3.15	2219	208	26 50 20.9	551	112	11.5	0	+ 20	9.2	
425	31 143	L 311		1558	51 3.79	2524	245	31 20 48.6	550	113	12.6	- 10	- 25	9.3	
426	26 151	C 551	1238	1561	51 7.38	2562	249	31 51 16.9	550	113	9.7	+ 77	- 16	8.0	G 0
427	28 153	C 552			0 51 7.83	+3.2214	+0.0207	26 43 17.9	+19.549	-0.112	11.6	- 1*	+ 6*	5.94	A 2
428	29 153	C 554	1244		51 12.54	2387	228	29 17 33.3	548	114	12.4	0	- 9	8.8	K 0
429	28 154	C 555	1246		51 20.90	2456	236	30 14 41.1	545	113	12.4	+ 7	- 36	9.4	
430	29 154	C 556			51 24.01	2350	223	28 40 23.9	544	113	12.8	+ 9	0	8.9	K 0
431	23 129	B 288	1247		51 25.02	2404	226	29 27 4.4	544	114	13.2	+ 77	- 31	9.3	
432	29 155	C 557	1248		0 51 27.50	+3.2057	+0.0189	24 6 44.7	+19.543	-0.112	13.4	+ 25	+ 14	9.4	K 5
433	27 152	C 558			51 34.46	2432	231	29 46 42.1	541	114	13.2	- 10	- 1	9.2	
434	28 155	C 559	1256	1585	51 43.60	2288	215	27 35 34.7	538	113	12.8	- 50	- 35	9.4	G 0
435	25 136	C 560	1259		51 48.85	2339	219	28 18 41.1	536	113	12.0	+ 4	+ 4	8.6	G 5
436	28 156	C 562	1258		51 53.62	2179	201	25 51 10.3	534	114	10.8	+ 27	- 4	8.2	Ma
437	26 154	C 563			0 51 54.97	+3.2363	+0.0222	28 37 23.8	+19.534	-0.115	12.6	+ 8	+ 40	9.4	G 5
438	31 144	L 319	1262-3	1597-8-9	51 56.60	2263	210	27 6 31.4	533	114	12.0	+ 39	- 2	9.3	
439	24 148	C 566			52 5.06	2564	245	31 24 34.1	531	115	11.0	+ 15	- 9	8.1	Ma
440	26 155	C 567	1266	1611	52 20.81	2152	197	25 14 51.5	525	115	12.0	+ 52	- 7	9.3	
441	24 149	B 293	1268-70	1616	52 23.98	2236	206	26 30 45.8	524	115	11.3	+ 16	- 17	8.0	A 3
442	24 151	B 294			0 52 27.08	+3.2126	+0.0193	24 48 19.5	+19.523	-0.115	12.4	+ 116	+ 18	8.8	F 8
443	23 132	B 296	1281		52 35.14	2109	191	24 28 31.3	521	115	12.2	- 38	- 40	9.4	G 0
444	28 157	C 569	1282	1630	52 54.23	2100	190	24 13 7.7	514	116	10.9	+ 48	- 45	9.5	K 2
445	28 159	C 571	1284	1633	52 57.67	2388	222	28 30 21.0	513	116	12.3, 11.9	+ 9*	- 12*	5.64	K 0
446	28 160	C 573			53 0.70	2426	226	29 2 11.3	512	117	11.0	+ 39	- 75	8.6	K 0
447	29 158	C 574		1635	0 53 3.28	+3.2400	+0.0223	28 38 45.8	+19.511	-0.117	12.4	- 2	+ 2	9.2	
448	27 154	C 576	1295		53 6.82	2485	233	29 49 49.3	510	117	11.5	+ 165	- 120	8.6	G 0
449	31 148	L 329	1296-7		53 15.13	2327	214	27 29 54.7	507	117	12.3	+ 3	- 78	9.3	G 5
450	30 142	L 331			53 17.79	2615	247	31 31 43.5	506	118	11.8	+ 2	- 6	9.0	
					53 31.79	2555	240	30 36 37.5	502	119	11.4	- 20	- 10	8.8	G 5

417. Burnham 483.

420. Burnham 485.

444. Number of observations 28.

448. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^{h. m. s.}	Dec. ^{° ' "}		
451	27 155	C 580	1300		h m s	s	s	° ' "	"	"	11.6	+ 31	+ 16	9.4	F 8
452	23 134	B 300	1303-4	1647	53 32.51	+3.2346	+0.215	27 39 8.4	+19.501	-0.117	11.6	- 62	- 32	8.2	F 8
453	26 161	C 582		1646	53 37.28	2107	188	24 2 11.3	500	117	11.6	- 16	+ 6	7.47	K 2
454	24 153	B 303			53 37.36	2256	205	26 17 59.7	500	118	11.6	+ 5	+ 25	8.9	K 5
455	26 162	C 583			53 47.56	2170	196	24 55 46.7	496	117	11.3	+ 16	- 18	9.2	
					53 47.57	2266	205	26 22 20.1	496	118	11.4				
456	28 162	C 585			53 56.22	+3.2439	+0.225	28 48 26.5	+19.494	-0.119	11.6	- 75	- 105	9.2	G 5
457	26 163	C 586	1316	1665-6-7	54 10.98	2332	213	27 10 15.2	488	119	10.1	+ 19	+ 7	7.16	K 0
458	31 150	L 334	1315	1663	54 11.39	2679	253	31 58 11.6	488	120	10.8	+ 1	- 16	7.28	A 2
459	27 157	C 587	1318		54 17.60	2347	214	27 20 18.0	486	119	11.6	+ 19	- 88	9.3	
460	24 155	B 307	1325		54 30.46	2167	193	24 36 44.3	482	119	11.2	+ 6	- 13	8.9	K 2
461	24 156	B 308	1331		54 51.56	+3.2173	+0.193	24 33 15.2	+19.474	-0.120	10.0	- 20	- 3	8.8	M a
462	31 157	L 339	1330		54 52.50	2669	248	31 31 47.3	474	122	11.3	- 46	+ 4	9.4	
463	31 158	L 340	1333-4	1696-7	55 3.14	2663	246	31 22 8.3	471	122	9.5	- 12	- 36	7.9	G 5
464	27 159	C 591	1336		55 3.27	2429	221	28 11 34.9	471	121	11.4	- 24	+ 11	9.3	
465	31 159	L 343	1339		55 20.16	2711	250	31 50 34.2	465	123	9.0	+ 1	- 3	8.8	F 8
466	24 158	C 596	1343		55 32.82	+3.2219	+0.197	24 58 9.7	+19.460	-0.121	9.6	- 25	- 1	9.3	K 0
467	25 147	C 595	1342		55 33.09	2285	205	25 56 18.0	460	121	9.9	+ 21	- 9	8.8	K 0
468	25 148	C 598			56 0.23	2279	202	25 40 28.7	451	122	10.9	+ 71	+ 7	9.2	F 8
469	28 166	C 600	1353	1732	56 7.86	2486	224	28 30 53.0	448	123	9.6	+ 149	- 73	9.0	G 5
470	25 150	C 604	1356		56 19.08	2310	205	25 59 17.6	444	123	9.1	+ 24	- 5	8.4	K 5
471	29 165	C 605	1360		56 24.63	+3.2569	+0.232	29 31 23.6	+19.442	-0.124	10.8	- 31	- 38	9.4	
472	29 166	C 606	1362		56 28.88	2619	237	30 9 14.3	440	124	10.5	- 39	- 23	9.11	F
473	31 164	L 350	1366	1747-8	56 34.41	2712	247	31 19 42.6	438	125	9.8	- 13	+ 15	8.8	K 2
474	27 162	C 609	1368	1750	56 41.61	2453	219	27 50 3.9	436	124	10.4	- 6	- 66	8.8	G 5
475	30 147	L 351	1371	1751	56 44.31	2661	242	30 35 46.8	435	125	10.4	- 15	- 10	8.2	K 0
476	24 163	B 313	1371	1762	56 51.68	+3.2242	+0.197	24 48 29.5	+19.432	-0.124	9.6	+ 102	- 5	6.76	G 5
477	31 167	L 352	1377		57 17.35	2763	251	31 39 33.5	423	126	10.6	+ 19	- 10	9.3	A 2
478	29 168	C 611	1378		57 18.64	2610	235	29 40 44.6	422	126	9.6	- 17	- 24	8.6	G 5
479	23 141	B 315	1381		57 21.13	2207	192	24 10 12.4	422	125	10.8	+ 21	- 10	9.4	
480	26 169	C 612	1389-90	1791-2-4	57 42.21	2441	215	27 15 49.8	414	126	11.2	+ 56	+ 10	6.67	F 5
481	24 167	B 317	1394		57 52.92	+3.2238	+0.194	24 22 51.7	+19.410	-0.126	11.0	- 28	- 6	9.4	G 5
482	31 168	L 358	1393	1796-7-8	57 53.12	2757	248	31 19 16.6	410	128	11.6	+ 18*	- 31*	5.46	B 9
483	25 156	C 613	1399	1801-2	57 58.24	2343	205	25 48 54.0	408	126	10.6	+ 28	+ 13	6.87	F 2
484	29 170	C 614	1397-8		57 58.98	2618	233	29 30 8.8	408	128	10.6	- 33	+ 3	8.0	K 0
485	30 149	L 360	1800		58 0.01	2744	247	31 6 2.0	408	128	11.6	- 8	- 2	9.4	F 5
486	26 170	C 617			58 19.30	+3.2423	+0.212	26 47 12.9	+19.401	-0.128	10.2	- 20	- 22	8.9	K 0
487	25 158	C 622	1409	1827-8	58 42.21	2364	205	25 49 42.7	392	128	10.4	+ 2	- 2	8.2	F 0
488	28 171	C 623		1829	58 46.25	2605	230	29 1 4.0	391	129	10.8	+ 18	+ 2	8.8	K 2
489	30 153	L 366	1410		58 47.98	2738	244	30 41 45.4	390	129	11.0	+ 26	+ 6	9.2	
490	27 165	C 624			58 48.29	2516	220	27 50 38.3	390	128	11.0	+ 11	- 2	9.4	A 0
491	27 166	C 625	1415		58 55.30	+3.2486	+0.217	27 23 54.6	+19.387	-0.129	10.3	- 19	+ 26	9.0	K 0
492	30 154	L 369			59 1.07	2731	243	30 31 7.8	385	130	12.6	+ 2	- 40	9.3	
493	30 156	L 370	1419	1843	59 9.88	2776	246	31 1 11.8	382	130	10.4	+ 22	- 38	8.0	K 0
494	25 160	C 627			59 10.46	2394	208	26 4 14.1	382	129	11.0	- 29	- 15	8.9	G 0
495	25 161	C 628	1421	1845	59 14.72	2399	208	26 6 16.3	380	130	11.6	- 35	+ 3	8.8	G 0
496	24 169	B 326	1422		59 15.36	+3.2300	+0.197	24 45 9.4	+19.380	-0.129	10.8	+ 82	+ 19	8.9	G 0
497	28 174	C 631		1854	59 32.27	2642	232	29 10 43.7	373	131	10.2	+ 69	- 115	6.08	F 5
498	28 175	C 632		1857	59 39.54	2651	232	29 14 35.4	371	131	12.5	+ 42	+ 33	8.8	
499	26 174	C 634			59 52.88	2504	216	27 15 32.0	366	131	13.0			9.9	
500	27 169	C 635			59 56.04	2565	222	28 1 57.2	364	131	10.1	+ 7	+ 4	8.7	G 5

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. ".001.		
501	24 173	B 328	1440		h m s	s	s	° ' "	"	"					
502	23 142	B 329	1452		1 0 3.77	+3.2301	+0.0195	24 28 30.6	+19.361	-1.130	9.6	+ 28	- 35	8.8	K 0
503	31 179	L 382	1460		0 31.78	2278	192	24 0 5.4	351	132	9.8	+ 38	+ 13	9.3	G 5
504	31 180	L 384	1464	1899-1900	1 5.15	2905	255	31 46 29.4	338	134	10.5	+ 29	- 26	9.3	
505	29 175	C 642	1466		1 13.91	2904	254	31 42 0.1	335	135	9.4	+ 4*	- 19*	6.64	K 0
506	31 181	L 385	1467		1 16.71	2718	235	29 26 30.4	334	135	10.4	+ 12	- 51	9.1	
507	27 172	C 643	1470		1 18.19	+3.2878	+0.0252	31 21 48.9	+19.333	-1.135	10.7	+ 8	- 33	9.3	
508	25 165	C 644	1470		1 18.28	2605	223	28 1 22.3	333	134	11.3	+ 11	+ 27	9.1	K 0
509	30 163	L 386	1468		1 19.73	2469	209	26 15 45.9	332	134	10.4	- 15	- 29	8.5	K 0
510	30 164	L 390	1468	1907	1 19.91	2836	247	30 50 50.8	332	135	12.0	- 2	+ 19	9.3	
511	24 178	B 337	1475		1 30.26	2824	245	30 38 14.7	328	136	10.5	- 11	+ 11	8.8	
512	27 174	C 646	1476		1 33.32	+3.2335	+0.0196	24 25 22.2	+19.327	-1.134	11.4	- 9	- 50	9.3	
513	28 179	C 647	1476	1914	1 40.29	2605	222	27 53 21.5	325	134	12.5	+ 8	- 6	9.3	F 8
514	26 181	C 648	1476		1 43.02	2713	233	29 12 56.3	324	135	9.3	+ 37	- 21	8.1	G 5
515	29 176	C 649	1476		2 0.63	2509	212	26 32 21.3	317	135	12.8	- 12	- 18	9.2	F 8
516	24 180	B 339	1492		2 6.98	2770	238	29 45 11.0	314	136	12.9	- 1	- 23	9.2	
517	27 175	C 651	1491		2 14.02	+3.2348	+0.0195	24 21 36.8	+19.311	-1.135	12.2	- 5	- 14	9.2	K 0
518	28 182	C 650	1491		2 14.61	2636	224	28 3 15.8	311	136	11.0	- 16	+ 5	8.5	K 0
519	24 182	B 340	1500		2 14.76	2674	227	28 31 18.6	311	136	12.8	+ 7	- 4	9.1	A 5
520	26 185	C 653	1499		2 37.02	2368	196	24 29 34.6	302	136	11.0	+ 28	- 9	8.8	F 8
521	31 185	L 399	1505	1967-8-9	2 37.11	2547	214	26 48 16.5	302	136	10.3	- 17	- 27	9.3	
522	28 187	C 661	1510	1978-9	3 2.26	+3.2952	+0.0253	31 31 55.6	+19.293	-1.139	10.4	+ 153*	- 47*	6.29	F 2
523	31 186	L 402	1517		3 20.42	2696	227	28 23 22.3	285	139	10.5	- 40	- 72	6.78	F 0
524	29 179	C 662	1511	1977	3 21.41	2952	253	31 24 48.0	285	140	11.2	+ 6	+ 12	9.3	
525	25 170	C 663	1518-21		3 22.31	2827	241	29 56 59.9	285	139	10.6	+ 6	- 26	8.7	K 0
526	30 172	L 405	1492	1995	3 29.15	2463	204	25 25 39.5	282	137	11.2	0	- 12	9.2	
527	29 181	C 665	1527	1997-8	3 47.38	+3.2949	+0.0251	31 12 37.2	+19.275	-1.141	9.6	- 10	- 20	8.7	K 2
528	28 190	C 666	1528		3 52.00	2841	240	29 55 41.3	273	139	9.5	+ 12	- 9	7.46	A 5
529	27 180	C 669	1528		3 56.52	2740	230	28 41 39.2	271	140	11.2	+ 21	- 40	9.3	
530	29 183	C 670	1534	2015-7	4 15.43	2670	222	27 44 36.0	263	140	11.2	- 17	- 11	9.3	F 2
531	29 184	C 671	1535	2018-9	4 21.65	2841	239	29 44 44.6	261	141	9.1	- 5	- 15	8.3	K 2
532	23 149	B 352	4		4 27.11	+3.2864	+0.0241	29 58 1.8	+19.259	-1.141	9.5	+ 34	+ 23	8.6	K 5
533	30 177	L 415	8		4 48.51	2389	194	24 2 18.9	250	139	10.0	+ 20	- 20	9.3	
534	27 181	C 672	13		5 5.08	2930	246	30 29 33.1	243	142	12.0	+ 24	- 37	8.6	G 5
535	27 182	C 673	13		5 5.15	2735	227	28 13 21.0	243	141	12.0	+ 21	+ 33	8.3	F 8
536	29 185	C 674	16-18	2065	5 12.64	2683	221	27 33 51.7	240	142	12.0	- 51	- 8	9.1	
537	24 186	C 675	20	2066	5 24.53	+3.2844	+0.0237	29 23 25.5	+19.235	-1.143	12.4	- 33	- 16	8.9	F 5
538	27 183	C 676	20		5 26.30	2479	202	24 58 52.4	234	142	11.4	+ 11	- 112	6.06	K 5
539	29 187	C 678	23-4	2075	5 28.94	2728	225	27 59 53.6	233	142	11.9	- 6	+ 5	9.3	G 5
540	27 185	C 679	23-4		5 46.25	2851	236	29 20 18.8	226	144	12.0	+ 15	- 2	9.3	
541	24 187	C 681	26		5 48.26	2686	220	27 23 20.5	226	143	11.3	+ 15	+ 4	8.1	F 0
542	30 180	L 419	26		5 49.94	+3.2510	+0.0204	25 14 41.4	+19.225	-1.143	11.8	+ 31	- 17	9.16	K 2
543	23 154	B 358	31	2086	5 52.45	2988	249	30 51 1.6	224	144	12.4	+ 6	+ 10	9.3	
544	30 181	L 421	35		5 53.40	2416	195	24 2 54.1	223	142	11.6	0	+ 2	8.7	G 5
545	30 182	C 683	35		6 8.75	3006	250	30 56 46.6	217	145	13.5	- 17*	- 14*	5.04	A 5
546	25 185	C 685	38-9		6 12.57	2965	247	30 28 19.1	215	145	10.2	- 10	- 33	8.5	Ma
547	26 195	C 686	44		6 24.10	+3.2536	+0.0205	25 22 41.2	+19.211	-1.144	10.4	- 29	- 39	9.16	G 5
548	29 190	C 688	46	2112-3-4-7	6 32.27	2646	215	26 39 48.3	207	145	11.1	- 21	+ 5	9.1	A 0
549	27 189	C 691	59		6 41.99	2905	239	29 36 43.6	203	146	12.7	+ 55*	- 38*	4.70	K 0
550	28 197	C 692	60		7 9.28	2758	224	27 46 14.0	192	146	10.4	+ 29	- 8	8.7	F 8
					7 20.42	2820	231	28 25 57.4	187	146	10.6	- 34	- 12	8.7	Ma

503 and 504. Burnham 573.

536. Burnham 617.

544. Number of observations 29.

548. Number of observations 25.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
551	23 157	B 366	64		1 7 29.39	+3.2455	+0.0196	24 3 15.7	+19.183	-0.145	11.1	- 9	- 7	9.3	
552	31 196	L 430	61	2134	7 31.12	3125	258	31 44 0.6	182	150	11.2	+ 14	- 8	8.3	B 9
553	27 190	C 694			7 38.91	2756	223	27 35 1.7	179	147	11.2	- 29	+ 35	9.3	
554	31 196a	L 433		2142	7 52.22	3124	258	31 35 46.2	174	150	10.1	+ 18	- 18	8.3	
555	31 197	L 434		2144	7 53.71	3125	258	31 35 53.6	173	150	10.3	+ 19	- 22	6.57	A 0
556	25 188	C 697			1 7 56.20	+3.2589	+0.0207	25 31 26.2	+19.172	-0.147	11.8	+ 25	- 35	9.1	
557	29 195	C 698	70	2147-8-9-50	8 1.81	2944	240	29 35 14.9	169	149	11.1	- 1	- 32	6.40	K 0
558	31 198	L 437			8 7.04	3149	259	31 46 43.9	167	150	12.1	- 19	- 30	9.3	
559	28 202	C 699		2156	8 11.88	2917	237	29 13 22.7	165	150	12.0	+ 5	- 4	8.9	G 0
560	24 189	C 701	81		8 27.53	2556	203	24 59 2.6	158	148	12.2	- 9	+ 8	8.1	A 2
561	26 197	C 700	80		1 8 27.74	+3.2740	+0.0219	27 7 52.0	+19.158	-0.149	12.2	- 115	- 86	8.8	K 0
562	28 204	C 702	86	2167	8 35.42	2932	237	29 15 36.0	155	150	12.8	- 11	- 34	6.85	K 0
563	29 198	C 703		2166	8 36.13	3002	244	30 1 19.5	155	151	12.7	+ 11	- 6	8.7	A 2
564	31 200	L 443	85		8 38.42	3181	261	31 55 3.8	154	150	13.2	- 1	+ 2	9.1	G 5
565	25 192	C 704	87	2175	8 39.08	2646	211	25 58 31.5	153	148	13.6	+ 24	- 23	7.92	K 0
566	24 190	B 372	89		1 8 39.61	+3.2525	+0.0200	24 31 44.7	+19.153	-0.148	13.3	- 3	- 13	8.3	K 2
567	30 186	L 444			8 48.86	3075	250	30 43 45.8	149	151	12.6	+ 43	- 64	8.7	G 0
568	25 194	C 706		2180	8 50.71	2634	209	25 45 54.3	148	149	13.4	- 5	- 46	7.91	K 2
569	23 158	B 373		2181	8 51.53	2495	200	24 6 25.5	148	148	13.0	+ 16*	- 41*	4.64	K 0
570	26 199	C 707			8 52.79	2711	216	26 39 24.6	147	150	12.0	+ 20	- 31	8.7	Ma
571	28 205	C 708	92	2182	1 9 2.57	+3.2932	+0.0236	29 5 45.2	+19.143	-0.151	13.2	+ 77	- 18	9.3	
572	27 196	C 712			9 7.93	2841	228	28 3 14.8	141	150	13.5	+ 26	- 56	6.63	Ma
573	25 197	C 714	97		9 12.58	2608	207	25 21 8.6	139	150	13.4	+ 49	- 64	8.46	G 5
574	29 199	C 715	95-6		9 14.23	2974	240	29 29 36.6	138	152	13.6	+ 7	- 6	9.1	A 2
575	29 200	C 717	100	2191	9 22.33	3031	244	30 3 57.6	135	152	11.5	+ 16	- 12	7.36	A 0
576	26 202	C 718			1 9 34.28	+3.2754	+0.0218	26 55 31.9	+19.130	-0.151	12.3	- 26	- 6	9.3	
577	25 198	C 720	110-1		9 40.96	2630	208	25 27 47.3	127	151	11.4	- 11	- 33	9.7	
578	27 199	C 719	107		9 41.08	2817	223	27 35 55.3	127	151	12.4	- 1	- 11	9.1	
579	31 207	L 452	109		9 41.79	3182	258	31 32 37.9	126	152	12.4	+ 13	- 7	9.3	F 0
580	25 200	C 721	116	2207	9 53.03	2679	212	25 58 12.6	121	151	10.9	+ 25	- 5	8.7	K 0
581	29 203	C 722			1 10 3.80	+3.3025	+0.0242	29 45 41.5	+19.116	-0.153	10.3	- 15	+ 21	9.3	
582	30 189	L 457			10 5.87	3116	250	30 42 57.3	116	154	11.8	+ 15	+ 18	9.2	A 2
583	25 201	C 723			10 12.89	2700	213	26 6 25.7	113	151	11.8	- 26	+ 21	9.3	G 0
584	29 206	C 725	123		10 24.75	3071	245	30 8 5.1	107	154	10.7	- 46	- 148	9.2	
585	26 206	C 726			10 25.08	2759	217	26 42 35.0	107	153	11.0	+ 32	+ 6	9.1	G 5
586	30 190	L 460	125		1 10 32.86	+3.3163	+0.0254	31 2 52.0	+19.104	-0.154	10.4	+ 13	- 4	9.1	G 5
587	25 205	C 729	141-2	2249-51	11 10.27	2655	207	25 17 38.5	087	155	9.2	- 21	- 3	var.	Na
588	27 202	C 730	143		11 13.32	2907	229	28 6 14.4	086	156	10.0	+ 5	- 46	9.1	F 8
589	27 205	C 736			11 54.50	2861	223	27 22 35.4	067	156	10.0	- 76	- 25	9.1	
590	30 195	L 468	160-1	2281-2	12 1.10	3234	257	31 16 41.0	064	158	9.5	- 18	- 8	8.3	A 2
591	29 209	C 737	167-8		1 12 6.09	+3.3066	+0.0242	29 31 2.8	+19.062	-0.157	8.9	+ 16	+ 7	7.9	F 2
592	27 206	C 738	169-70	2285-6	12 6.57	2879	224	27 30 36.7	062	156	9.8	+ 21	- 14	8.1	A 2
593	30 196	L 471	175-6	2292-3	12 24.11	3247	257	31 16 11.8	054	158	8.8	- 54	+ 11	6.86	K 0
594	25 210	C 739			12 27.20	2735	212	25 49 15.3	053	157	10.2	- 5	- 9	9.3	Ma
595	28 213	C 741			12 59.34	3046	238	29 1 8.5	038	159	10.2	- 11	- 25	9.1	
596	27 207	C 742	187-8	2313-4	1 12 59.58	+3.2901	+0.0225	27 28 27.1	+19.038	-0.158	10.3	- 6	+ 3	8.7	
597	25 211	C 743		2322	13 13.13	2770	213	25 58 39.2	032	159	9.4	+ 10	- 7	7.8	A 3
598	26 217	C 745	198		13 21.60	2815	216	26 25 46.3	028	159	10.4	+ 21	+ 10	8.5	K 0
599	25 212	C 747			13 24.90	2743	210	25 37 17.1	026	159	10.3	- 13	+ 5	8.6	K 0
600	28 214	C 746			13 25.24	3068	239	29 6 34.2	026	160	10.9	- 17	- 12	9.3	K 2

552, 565, 581, 596. Number of observations 6.
569. Σ 99.
575. Burnham 650.

554, 555. Σ 98.
587. Cambridge magnitude, 7.0. Range of 0.45 magnitude (Harvard). Number of observations 4.
557. Burnham 644.

No.	B.D.	A.G.C.	W.B. (2).	Lalando.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. ".001.		
	°				h m s	s	s	° ' "	"	"					
601	25 213	C 748			I 13 28.79	+3.2804	+0.0215	26 16 18.8	+19.024	-159	10.9	+ 20	+ 48	9.1	K o
602	29 212	C 751			13 41.55	3100	241	29 20 59.9	018	161	11.4	+ 10	- 18	9.2	A 5
603	28 218	C 755	213	2347	14 2.54	3030	233	28 30 50.4	009	161	12.2	+ 7	+ 31	8.7	K o
604	23 175	B 397			14 9.49	2629	200	24 7 58.4	006	160	12.2	+ 11	+ 5	9.1	A 2
605	28 219	C 757	219	2351	14 19.59	3061	236	28 44 40.6	001	161	10.9	+ 2	+ 41	8.6	K 5
606	26 220	C 758	222	2358-9	I 14 30.99	+3.2881	+0.0220	26 47 28.7	+18.996	-161	13.0	+ 17*	- 12*	4.67	A 2
607	31 226	L 482			14 34.00	3376	262	31 49 20.8	994	164	10.3	+ 51	- 13	8.5	F 5
608	30 199	L 483	231		14 45.81	3296	255	30 58 46.3	989	163	10.0	- 12	- 30	9.3	
609	30 200	L 488	237		15 11.39	3332	258	31 11 40.8	977	165	9.5	- 8	- 19	9.1	
610	30 201	L 490	238		15 14.91	3323	258	31 5 17.1	975	165	9.4	- 29	- 30	8.8	
611	25 216	C 761			I 15 16.72	+3.2787	+0.0210	25 33 55.1	+18.974	-163	10.2	+ 4	+ 11	9.3	
612	24 198	B 405	258	2415	16 7.52	2729	205	24 41 20.8	950	163	9.0	+ 92	- 126	7.9	F 5
613	27 215	C 762	257	2412-3	16 8.59	3069	233	28 16 5.6	950	165	12.5, 12.2	+ 18*	- 76*	5.60	K o
614	28 222	C 763	259	2419	16 11.51	3077	233	28 19 56.5	948	165	10.7	- 10	+ 17	9.2	
615	26 221	C 764	260		16 11.51	2886	217	26 21 26.0	948	164	10.3	+ 62	+ 12	8.8	G o
616	29 219	C 765			I 16 15.65	+3.3227	+0.0245	29 48 47.2	+18.946	-167	11.4	- 35	+ 4	9.3	
617	28 223	C 766	261	2420	16 17.85	3080	233	28 20 7.9	945	165	11.4	+ 21	- 15	9.1	
618	30 206	L 494	262		16 23.46	3340	255	30 52 21.5	943	167	12.2	+ 385	- 95	9.1	
619	30 207	L 496			16 31.75	3305	251	30 29 4.2	939	168	12.4	- 19	- 8	9.2	
620	24 200	B 407		2432	16 40.37	2711	202	24 21 6.3	935	164	10.1	+ 33	- 15	8.5	F 2
621	24 201	C 769	269		I 16 43.74	+3.2786	+0.0208	25 8 27.0	+18.933	-164	12.6	- 3	- 39	9.4	
622	30 208	L 498			16 50.86	3315	252	30 29 37.4	930	168	11.8	- 36	- 3	9.3	
623	25 224	C 770	278		17 2.03	2886	217	26 6 44.7	924	166	11.1	- 12	+ 32	8.9	K o
624	24 204	B 412			17 4.82	2745	204	24 36 26.8	923	165	12.6	+ 3	+ 5	9.2	
625	30 210	L 503	279	2439-40	17 9.41	3402	258	31 14 5.5	921	169	10.3	+ 30	- 10	7.7	K o
626	23 180	B 413		2445	I 17 16.86	+3.2711	+0.0201	24 11 19.7	+18.917	-166	13.0	+ 34	- 49	8.9	G o
627	25 226	C 772			17 17.03	2882	215	26 0 30.6	917	167	14.1	- 3	- 5	9.3	
628	30 212	L 504	282		17 17.12	3335	252	30 31 21.6	917	169	12.0	+ 3	- 10	8.8	G 5
629	29 222	C 774	287		17 24.16	3224	243	29 26 32.2	914	168	13.5	+ 9	+ 3	9.3	
630	25 227	C 775			17 25.31	2899	216	26 8 40.4	913	167	13.2	- 25	+ 40	9.3	
631	24 205	B 414	291	2451	I 17 26.52	+3.2734	+0.0202	24 23 28.7	+18.912	-166	12.5	+ 32	- 21	8.7	G o
632	28 225	C 776	289	2447	17 26.58	3119	234	28 22 57.0	912	168	11.6	+ 31	- 34	8.3	K o
633	25 228	C 778	296		17 40.43	2901	216	26 5 30.8	906	168	10.6	- 4	+ 16	8.2	K o
634	28 227	C 780	299		17 48.89	3164	237	28 43 13.3	902	169	12.0	+ 39	- 11	8.7	G 5
635	31 236	L 505		2462-3	17 54.36	3441	260	31 22 14.8	899	171	10.3	+ 14	- 7	7.7	Mb
636	23 183	B 419		2481	I 18 19.44	+3.2732	+0.0201	24 8 26.1	+18.887	-168	11.8	+ 14	- 102	9.3	
637	23 184	B 420		2482	18 19.91	2724	200	24 2 59.3	887	168	11.6	- 5	- 19	8.1	A 5
638	26 227	C 784	307-8		18 22.84	3026	225	27 10 44.6	885	170	12.2	- 23	- 31	8.7	F 5
639	31 238	L 508			18 25.51	3453	260	31 19 1.4	884	172	12.4	+ 57	- 8	9.3	A o
640	30 213	C 785	312	2489	18 32.87	3368	252	30 28 43.6	880	171	12.0	+ 6	- 4	8.8	A 2
641	31 239	L 512			I 18 48.30	+3.3493	+0.0263	31 34 4.6	+18.873	-173	12.6	+ 33	- 20	9.3	
642	30 214	L 513			18 55.08	3397	254	30 38 26.2	869	172	11.8	- 10	- 5	9.3	K o
643	25 232	C 789		2501	18 55.23	2873	211	25 27 21.4	869	169	10.4	+ 7	- 62	8.16	F 2
644	31 241	L 514	331-2		19 15.63	3495	262	31 26 27.3	859	174	12.8	- 14	+ 15	9.3	
645	25 234	C 792	335		19 17.75	2960	218	26 15 1.4	858	172	12.9	+ 12	- 13	9.2	
646	26 231	C 793			I 19 25.71	+3.3049	+0.0225	27 6 40.3	+18.854	-172	12.2	+ 65	- 45	8.7	G 5
647	24 209	B 425	338		19 26.17	2792	204	24 28 43.9	854	171	12.0	+ 38	- 89	9.3	
648	29 229	C 794			19 26.65	3281	244	29 22 22.3	854	172	12.6	-	-	8.8	F 8
649	31 243	L 515	340-1	2516	19 34.84	3516	263	31 32 8.3	850	175	10.5	+ 1	+ 13	8.1	
650	28 234	C 796	348	2524-5	19 48.60	3190	235	28 23 17.8	843	173	11.4	- 8	- 8	8.3	K 5

603. Number of observations 4.

606. Number of observations 34.

613. Number of observations 42.

646. Burnham 735.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
					h m s	s	s	° ' "	"	"					
651	24 210	B 428			1 19 51.02	+3.2821	+0.0206	24 40 42.6	+18.842	-172	12.1	- 22	- 5	9.3	
652	24 211	B 429	354		19 52.99	2794	203	24 23 0.5	841	172	12.2	- 3	- 33	9.2	
653	27 223	C 797		2531	19 55.97	3153	232	28 0 3.7	839	174	12.8	- 4	+ 2	8.9	K 2
654	31 244	L 517	351-2		19 56.52	3514	262	31 24 34.4	839	175	13.2	+ 22	- 37	8.9	
655	25 238	C 799	359		20 7.06	2964	216	26 3 59.4	834	172	12.5	- 3	- 39	8.7	K 2
656	27 225	C 800		2551-2	1 20 11.25	+3.3171	+0.0233	28 6 6.4	+18.832	-174	11.3	+ 207	- 165	7.8	F 8
657	31 247	L 521	364-5	2560	20 27.32	3543	263	31 30 48.2	824	176	12.6	- 256	- 105	8.9	G 0
658	30 217	L 522			20 28.41	3453	255	30 41 33.2	823	176	11.8	- 9	- 33	8.5	F 5
659	30 218	L 523		2558	20 30.63	3498	259	31 4 58.8	822	176	11.0	+ 116	- 70	8.2	F 8
660	27 227	C 801			20 31.66	3178	233	28 4 22.4	821	175	12.9	+ 31	+ 18	9.3	
661	30 220	L 524		2562	1 20 33.92	+3.3472	+0.0257	30 49 51.9	+18.820	-176	13.0	+ 4	- 22	8.9	A 2
662	30 219	L 526		2561	20 34.90	3499	259	31 4 43.8	820	176	11.0	+ 117	- 48	8.1	G 0
663	26 233	C 802	374		20 42.29	3014	219	26 24 43.5	816	173	11.8	- 46	- 92	8.7	G 5
664	27 228	C 805	377		20 50.09	3140	229	27 37 0.1	812	175	12.5	+ 11	+ 11	9.1	
665	25 240	C 806			20 52.13	2949	214	25 43 5.1	811	174	12.6	+ 18	- 29	9.3	
666	31 251	L 529	385		1 21 20.71	+3.3621	+0.0267	31 56 43.6	+18.796	-178	10.8	+ 94	- 16	9.1	
667	26 238	C 809	395	2595	21 41.23	3109	226	27 5 0.4	786	177	9.3	+ 105	- 30	8.1	K 0
668	26 239	C 812		2597	21 45.16	3080	223	26 46 49.1	784	177	9.3	- 22	- 66	6.87	K 0
669	26 241	C 814	403		21 55.09	3112	225	27 2 24.3	779	178	10.4	- 1	- 55	8.7	
670	25 246	C 815			21 56.42	3011	217	26 2 44.1	778	176	10.1	+ 59	+ 23	8.2	F 5
671	27 231	C 816			1 22 5.21	+3.3162	+0.0229	27 29 5.0	+18.774	-178	11.1	+ 61	- 108	9.2	
672	24 212	C 817	408		22 8.53	2909	203	24 58 22.2	772	176	8.7	- 5	- 24	7.66	K 2
673	26 243	C 819	410		22 15.74	3121	225	27 2 25.8	768	178	10.2	- 1	+ 27	8.7	G 5
674	29 239	C 820	409-11	2611	22 18.61	3362	244	29 18 18.6	767	179	11.2	+ 96	- 48	7.18	F 2
675	24 215	C 822	415		22 23.40	2927	210	25 6 11.1	765	177	12.0	- 29	- 22	9.4	
676	29 240	C 824	414	2620	1 22 27.30	+3.3446	+0.0250	30 2 40.7	+18.763	-179	11.3	+ 49	+ 17	8.5	F 0
677	30 224	L 534			22 36.70	3517	256	30 38 1.7	758	181	11.7	- 28	- 5	8.7	A 5
678	31 254	L 537	423	2629	22 39.26	3615	264	31 30 5.8	757	180	11.5	- 19	- 123	6.86	K 0
679	24 217	C 825	430	2646	22 56.81	2953	211	25 12 55.6	747	179	10.4	+ 8	- 33	8.71	F 5
680	29 243	C 827	433	2653-4	23 16.49	3477	252	30 5 34.8	737	182	10.7	+ 32	- 46	6.87	F 5
681	31 258	L 540	439		1 23 39.27	+3.3705	+0.0269	31 59 28.6	+18.726	-183	10.1	- 7	- 4	8.7	K 5
682	26 247	C 830	453		24 9.22	3156	225	26 52 8.2	710	181	11.1	+ 27	- 41	8.7	K 0
683	29 248	C 831			24 19.06	3452	247	29 33 55.9	705	184	11.7	- 50	+ 18	10.6	
684	24 221	B 450	458		24 19.68	2922	206	24 33 32.2	704	181	11.0	- 15	- 9	9.1	
685	30 230	C 832	457	2687	24 24.40	3551	255	30 25 54.8	702	184	11.1	+ 11	- 107	8.26	F 5
686	24 222	B 451	462	2694	1 24 25.64	+3.2950	+0.0208	24 48 35.5	+18.701	-181	10.8	+ 25	- 3	6.76	K 0
687	28 242	C 834	460	2691	24 27.98	3403	243	29 4 46.9	700	183	11.6	- 39	- 47	8.7	F 8
688	30 233	L 546	465	2701	24 46.51	3576	256	30 32 32.1	690	185	10.1	+ 166	0	8.2	G 5
689	30 234	C 835	468		24 49.23	3554	254	30 20 22.8	689	185	12.0	+ 71	- 47	9.3	
690	29 251	C 836			24 54.18	3496	249	29 47 53.5	686	186	11.4	- 46	- 100	9.4	F 8
691	29 252	C 837			1 25 3.35	+3.3488	+0.0248	29 41 9.0	+18.681	-186	12.1	0	- 12	9.7	
692	26 248	C 838	478-9		25 4.97	3221	229	27 14 25.3	680	184	11.8	- 2	+ 8	8.3	K 0
693	28 244	C 839		2717	25 5.74	3418	243	29 2 39.0	680	185	12.3	+ 3	- 15	8.9	A 2
694	27 236	C 840	481	2718	25 7.48	3308	234	28 1 49.1	679	185	12.9	- 29	- 6	8.1	A 2
695	31 262	L 550	487		25 22.03	3732	268	31 43 23.5	671	186	13.0	- 9	- 10	8.3	K 5
696	25 256	C 841	492		1 25 32.09	+3.3132	+0.0220	26 17 10.1	+18.666	-185	12.5	+ 7	- 37	8.3	
697	26 249	C 842			25 34.98	3160	222	26 32 11.8	664	185	13.5	+ 76	+ 24	9.2	
698	25 258	C 844	494	2733	25 40.86	3048	214	25 26 57.3	661	184	12.3	+ 9	+ 58	7.61	F 0
699	25 257	C 845			25 41.34	3093	217	25 53 7.2	661	185	12.1	- 16	- 8	8.1	F 0
700	25 259	C 847	497		25 52.14	3112	218	26 0 55.4	655	185	12.1	- 4	- 5	8.5	A 2

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
701	28 249	C 849	504	2747-8	I 26 16.31	+3.3443	+0.243	28 57 4.8	+18.643	-187	12.0	+ 150	- 78	7.27	G o
702	29 256	C 851	511	2758	26 42.71	3594	253	30 9 44.2	628	190	10.3	+ 36	- 36	8.41	K o
703	26 252	C 853	513		26 45.18	3261	229	27 10 59.6	627	188	11.1	+ 120	- 8	9.1	
704	28 250	C 856			27 33.43	3509	245	29 12 2.4	601	190	11.8	+ 19	- 20	9.3	
705		C 857			27 34.59	3509	245	29 11 22.3	600	191	12.4			9.4	
706	26 254	C 859			I 27 52.05	+3.3231	+0.224	26 37 41.6	+18.591	-190	10.6	+ 14	- 23	8.7	
707	25 263	C 860	540		27 55.73	3181	220	26 9 3.9	589	190	11.5	- 3	- 7	8.8	
708	26 256	C 862			28 5.88	3211	222	26 22 46.7	583	190	12.8	- 50	0	9.1	
709	27 244	C 863			28 7.11	3332	231	27 28 41.9	582	191	12.0	+ 9	+ 18	9.1	G 5
710	28 252	C 864			28 13.78	3498	243	28 55 9.6	579	192	12.6	+ 50	- 41	9.3	
711	29 258	C 865	550		I 28 13.89	+3.3556	+0.248	29 25 32.6	+18.579	-193	10.4	- 2	- 13	8.7	F o
712	26 257	C 866	551		28 14.56	3210	222	26 20 19.1	578	191	12.6	- 69	- 11	9.1	
713	28 253	C 867		2802-4	28 16.53	3486	242	28 48 15.7	577	192	12.4	+ 194	- 47	8.9	G 5
714	30 240	L 564	553		28 19.19	3683	256	30 29 11.7	576	194	13.2	- 10	- 22	9.2	A 5
715	29 260	C 868	557	2812	28 33.42	3624	252	29 55 39.7	568	194	9.7	- 5	- 33	8.1	A 3
716	24 231	B 473			I 28 57.28	+3.3057	+0.210	24 45 25.3	+18.555	-192	10.8	- 21	- 23	8.86	A 2
717	26 259	C 874			29 5.09	3288	226	26 50 15.3	551	193	9.6	- 9	+ 3	9.1	A 2
718	28 257	C 876	584	2846	29 45.81	3527	242	28 46 42.3	528	195	10.0	- 24	- 27	8.7	K o
719	28 259	C 878	592	2857	29 59.33	3518	241	28 38 25.9	521	196	9.3	- 32	- 1	8.3	K o
720	27 247	C 883			30 12.73	3449	236	27 58 59.5	513	196	12.2	- 40	+ 49	9.3	
721	30 245	C 884	599		I 30 21.22	+3.3726	+0.256	30 18 53.5	+18.508	-197	11.3	- 11	- 25	8.36	K 5
722	30 246	L 579		2869	30 23.84	3790	261	30 49 39.5	507	198	11.5	+ 27	+ 8	8.6	A 5
723					30 24.00	3790	261	30 49 39.4	507	198	12.8	+ 27	+ 8	9.4	
724	25 265	C 885	603	2881	30 26.26	3256	222	26 13 31.4	506	194	10.9	+ 17	- 59	7.71	F 8
725	31 278	L 581			30 34.86	3854	265	31 17 59.9	501	198	12.3	- 10	- 19	8.7	F 5
726					I 30 35.49	+3.3852	+0.265	31 17 17.5	+18.501	-198	11.2	- 15	+ 24	9.3	
727	28 261	C 886	608	2878	30 35.41	3531	241	28 36 4.8	501	197	12.8	- 20	- 24	9.3	
728	27 248	C 887		2889-91	30 36.16	3439	234	27 48 32.9	500	196	11.3	+ 8	+ 1	7.0	G 5
729	31 277	L 582			30 37.27	3918	270	31 48 29.2	499	198	12.8	- 26	- 35	9.3	
730	26 264	C 888			30 57.50	3278	222	26 18 3.5	488	195	11.8	+ 3	- 6	8.8	
731	26 265	C 890	628	2918	I 31 20.14	+3.3342	+0.226	26 46 26.4	+18.475	-197	11.2	+ 43	- 4	8.1	A 3
732	31 280	L 590		2915	31 24.25	3931	269	31 42 31.8	473	199	12.0	+ 37	- 5	9.3	
733	24 237	C 891			31 24.98	3143	213	24 58 40.3	472	196	12.6	- 35	+ 5	9.3	F 8
734	28 267	C 893	632	2922	31 34.84	3604	245	28 58 33.9	467	198	10.3	+ 7	- 58	8.2	K o
735	25 267	C 894			31 35.47	3216	217	25 35 56.1	467	196	12.4	+ 35	- 14	9.3	
736	23 213	B 485			I 31 49.41	+3.3056	+0.207	24 5 31.8	+18.459	-196	13.0	- 15	+ 24	9.3	
737	29 269	C 895			31 56.59	3653	248	29 17 38.9	454	199	13.8	- 63	- 13	10.6	
738	26 268	C 896			32 5.46	3386	228	26 58 32.9	450	198	12.6	- 7	+ 8	9.1	
739	29 270	C 898	645		32 13.95	3774	256	30 13 8.9	444	201	12.8	- 13	- 12	9.3	
740	28 270	C 900			32 19.98	3656	247	29 13 24.5	441	201	12.3	- 7	- 8	9.7	
741	24 239	B 490		2950	I 32 27.38	+3.3139	+0.212	24 42 51.4	+18.437	-198	8.9	- 154	- 238	7.10	K o
742	23 216	B 491	655		32 36.27	3078	207	24 10 16.7	432	197	10.2	- 6	- 22	8.3	K o
743	25 269	C 903	668-9		32 54.79	3233	216	25 26 45.4	421	199	10.5	+ 15	- 11	8.71	K o
744	30 252	C 904	667	2962	32 57.51	3810	257	30 19 52.7	419	202	10.5	+ 197	+ 5	8.26	F 8
745	30 254	L 606	675		33 13.06	3892	263	30 55 27.0	410	204	11.9	+ 51	- 54	9.3	
746	28 271	C 906		2975	I 33 17.29	+3.3672	+0.246	29 6 54.9	+18.408	-203	11.0	+ 321	- 243	8.7	G 5
747	26 273	C 907			33 20.21	3365	225	26 30 39.6	407	201	11.7	- 15	- 2	9.2	
748	28 273	C 908	680	2984	33 24.77	3588	240	28 23 17.0	404	202	12.0	- 38	+ 2	8.7	
749	30 257	L 609	689	2995	33 45.28	3943	267	31 11 31.0	392	202	10.4	- 16	+ 5	7.9	K o
750	25 271	C 909	691		33 47.90	3318	221	25 59 25.3	390	201	11.8	+ 27	+ 4	8.9	

701, 708, 720. Number of observations 6.

722, 723. Σ 137.

725. Number of observations 4.

726. Number of observations 3.

730. Burnham 824.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
751	25 272	C 910			h m s	s	s	° ' "	"	"					
752	29 277	C 913			1 33 48.94	+3.3341	+0.0223	26 11 14.7	+18.390	-0.201	12.4	- 10	- 6	8.9	G 5
753	24 241	B 502	699		34 1.92	3757	252	29 38 2.8	382	204	12.7	+ 64	+ 9	9.9	
754	27 261	C 916	701	3014-5-6	34 4.72	3171	212	24 38 21.3	380	201	12.0	- 14	+ 12	9.1	K 0
755	26 278	C 917			34 11.72	3481	232	27 18 2.4	376	203	11.6	+ 24	- 56	7.26	G 0
					34 25.49	3419	227	26 43 17.2	369	203	11.5	+ 34	+ 27	9.3	
756	27 262	C 918	710	3022	1 34 29.86	+3.3531	+0.0235	27 39 2.3	+18.366	-0.204	11.0	+ 373	+ 168	7.9	G 5
757	24 242	B 504	712		34 30.30	3220	214	24 58 49.1	366	202	11.7	- 25	- 35	8.5	K 2
758	29 279	C 919	713	3026	34 35.72	3774	252	29 37 44.7	362	205	11.5	+ 59	- 98	8.5	F 5
759	29 280	C 920	715		34 48.40	3819	254	29 56 15.0	355	205	12.5	- 56	- 27	9.3	
760	29 281	C 921		3031	34 50.14	3836	255	30 4 23.3	354	205	12.7	+ 1	0	9.1	G 0
761	27 264	C 922		3039	1 34 58.14	+3.3570	+0.0237	27 52 16.2	+18.349	-0.205	12.4	- 25	+ 36	8.8	A 2
762	25 274	C 923	721		34 59.82	3353	222	26 1 37.3	348	203	12.6	- 9	- 1	8.9	K 0
763	31 291	L 615	722		35 7.81	4086	274	31 57 3.4	344	207	12.4	- 9	+ 10	9.3	
764	27 266	C 924	732	3043	35 14.33	3611	240	28 8 40.2	340	207	11.2	+ 25	- 23	8.5	K 0
765	28 277	C 926			35 37.98	3755	248	29 13 19.5	326	206	10.7	+ 22	- 81	9.2	
766	27 269	C 928			1 35 57.59	+3.3557	+0.0234	27 31 49.0	+18.314	-0.207	10.1	- 8	- 10	9.3	
767	27 270	C 929	751	3068	36 7.75	3622	242	28 1 36.7	308	208	13.0	- 17	- 23	8.9	K 0
768	28 280	C 930	752		36 9.39	3703	244	28 40 49.0	307	208	12.8	+ 14	- 30	9.2	F 0
769	25 276	C 931	758-9-60	3076-7-8	36 16.98	3300	216	25 17 29.1	303	206	13.0	+ 94*	- 43*	6.26	F 5
770	29 286	C 932	766-7	3084	36 33.74	3829	252	29 35 32.3	293	210	12.8	- 10*	- 3*	6.02	K 0
771	26 281	C 933			1 36 36.28	+3.3538	+0.0232	27 13 32.7	+18.292	-0.209	12.0			8.7	G 5
772	25 278	C 934			36 38.75	3410	223	26 8 44.7	290	208	13.7	+ 9	+ 5	9.3	
773	27 271	C 935			36 46.24	3597	236	27 40 16.0	286	209	13.4	+ 9	+ 4	8.8	A 2
774	28 281	C 936	776	3092	36 47.93	3713	243	28 36 43.0	284	209	13.4	+ 1	- 5	8.6	A 2
775	25 279	C 937			36 50.01	3397	222	25 59 30.6	283	208	13.6	+ 2	- 4	9.2	
776	31 295	L 626	775		1 36 50.84	+3.4097	+0.0271	31 36 6.1	+18.283	-0.211	13.0	+ 21	- 8	8.1	K 0
777	25 280	C 938	780		36 51.74	3363	220	25 41 52.1	282	208	13.2	- 41	- 57	9.3	
778	28 282	C 939	781	3098	37 1.03	3774	247	29 3 5.7	277	210	11.7	+ 3	+ 2	7.38	A 2
779	29 288	C 940	782-3	3099	37 2.26	3849	252	29 38 30.5	276	210	12.1	- 4	- 23	8.5	F 0
780	30 262	L 629	784		37 5.96	3985	261	30 41 5.8	274	211	12.4	- 54	+ 20	8.8	F 2
781	24 250	B 510			1 37 42.45	+3.3285	+0.0213	24 50 56.3	+18.251	-0.208	9.7	- 9	- 13	9.3	
782	30 264	L 635	802-3	3126	37 48.71	3993	260	30 34 25.7	248	213	9.9	- 8	+ 10	8.01	K 2
783	28 285	C 942	810		38 1.93	3799	248	29 0 36.5	240	213	10.1	+ 29	- 11	8.7	
784	31 301	L 641	820	3149-50	38 41.40	4175	273	31 44 20.3	216	216	8.7	- 33	- 3	6.42	G 5
785	27 277	C 950	840-1	3180-1	39 46.49	3723	239	28 0 22.9	176	215	8.7	+ 19	+ 9	7.31	A 0
786	25 288	C 951	843-4	3182	1 39 46.41	+3.3394	+0.0218	25 20 45.4	+18.176	-0.212	9.4	- 35	- 38	8.01	A 3
787	28 292	C 954	848-9	3187	40 1.50	3765	242	28 17 3.0	167	216	9.7	+ 23	- 41	7.9	Mb
788	26 288	C 957			40 10.10	3603	231	26 57 54.1	162	215	11.6	- 41	+ 3	8.7	
789	27 279	C 958			40 28.62	3721	238	27 50 15.6	150	217	12.8	- 15	- 27	9.3	
790	26 290	C 959		3197	40 30.37	3575	229	26 40 7.0	149	216	11.5	- 12	- 14	8.6	K 2
791	26 291	C 961			1 40 33.77	+3.3556	+0.0227	26 29 54.4	+18.147	-0.215	13.1	+ 43	- 7	9.2	
792	24 256	B 523	866		40 46.31	3304	210	24 23 31.6	139	214	13.6	+ 58	- 70	8.9	
793	25 293	C 962	865	3203	40 47.37	3493	223	25 56 57.8	139	215	12.4	+ 11	+ 7	8.6	G 5
794	24 257	B 524			40 48.94	3329	212	24 34 56.8	138	214	11.8	- 1	- 8	8.5	A 2
795	28 293	C 963	868-9		40 55.40	3846	245	28 42 49.3	134	218	12.3	+ 1	+ 11	8.9	
796	30 271	L 651	872		1 41 0.39	+3.4156	+0.0266	31 2 13.4	+18.131	-0.221	13.4	- 16	- 59	9.3	
797	24 258	B 525	873		41 1.32	3304	210	24 20 6.8	130	215	13.0	+ 3	+ 5	8.3	A 5
798	30 272	C 964			41 5.92	4061	259	30 18 48.3	127	219	13.5	+ 17	- 7	9.3	
799	28 294	C 966	878-9	3218	41 23.25	3910	250	29 6 3.5	116	219	12.1	+ 13	- 29	8.9	
800	28 295	C 967	880-1	3219	41 23.60	3917	250	29 8 40.2	116	219	13.5	+ 3	+ 1	9.3	

755. Number of observations 4.

769. Σ 145.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Procession.	Sec. Var.	Dec. 1910.0.	Procession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag	Spectral Type.
												R.A. S.0001.	Dec. ".001.		
	°				h m s	s	s	° ' "	"	"					
801	30 273	C 968	883		I 41 31.47	+3.4078	+0.259	30 20 37.3	+18.111	-0.220	11.4	+ 25	+ 28	8.11	G 0
802	29 300	C 969			41 32.15	3998	255	29 44 40.0	111	220	12.0	- 10	- 7	9.1	
803	28 297	C 970	885-6	3225	41 34.32	3923	250	29 9 43.5	110	220	12.5	- 20	- 28	9.2	
804	25 295	C 971	889	3235-6	41 43.68	3459	219	25 28 15.3	103	216	10.3	- 104	- 101	7.96	F 8
805	25 297	C 973	896	3242-3	42 0.87	3497	222	25 43 7.6	093	218	10.9	- 14	- 15	7.76	K 0
806	24 262	B 528			I 42 2.23	+3.3346	+0.212	24 29 16.7	+18.092	-0.217	12.0	- 15	- 18	9.3	
807	25 298	C 974			42 11.67	3534	224	25 58 59.5	086	218	12.6	- 33	+ 42	9.3	
808	31 312	L 663	902		42 17.05	4276	273	31 36 59.8	083	223	11.7	+ 8	- 42	9.3	
809	27 282	C 977		3258	42 37.13	3806	240	28 2 16.2	070	221	10.3	+ 26	+ 24	8.3	
810	27 284	C 979	917-8-9		42 54.27	3741	236	27 28 6.4	059	221	9.5	+ 6	- 5	9.3	
811	25 303	C 982		3270	I 43 13.14	+3.3538	+0.223	25 48 23.8	+18.047	-0.221	10.6	- 50	0	8.6	K 2
812	30 280	C 983		3286	43 20.39	4132	261	30 19 52.7	043	225	10.1	- 11	+ 4	8.16	G 5
813	28 300	C 984	929	3276	43 21.95	3954	250	29 0 11.7	041	225	10.6	+ 23	+ 3	8.7	
814	29 307	C 988	941		43 50.99	4113	258	30 4 20.4	023	225	10.1	+ 1	+ 24	9.1	
815	27 286	C 989			44 3.78	3815	238	27 47 48.0	015	224	12.3	+ 32	- 15	9.3	
816	24 264	B 538	950	3297	I 44 9.27	+3.3371	+0.211	24 16 34.6	+18.011	-0.221	10.6	+ 10	- 18	8.00	A 0
817	31 318	L 674		3291	44 10.51	4389	276	31 58 36.7	010	227	12.3	+ 31	- 72	9.3	
818	23 242	B 540			44 11.38	3340	208	24 1 17.8	010	222	12.3	+ 3	+ 5	9.1	
819	25 305	C 990	956	3310	44 23.94	3596	224	26 1 32.1	002	223	10.4	+ 3	+ 10	6.73	B 8
820	27 287	C 991		3309	44 26.04	3885	242	28 14 46.6	001	226	12.3	- 36	+ 25	8.5	
821	23 244	B 541	958	3313	I 44 26.91	+3.3372	+0.211	24 13 57.3	+18.001	-0.222	11.2	- 2	- 31	8.1	A 0
822	30 282	L 676	954-5		44 27.71	4233	265	30 48 26.7	17.999	227	12.8	- 27	- 52	8.7	
823	26 301	C 992	962-4	3314	44 33.29	3758	234	27 15 33.4	996	224	11.9	+ 3	- 5	8.3	
824	25 307	C 993	967		44 52.79	3516	218	25 17 59.9	984	223	11.4	- 38	- 31	8.76	G 5
825	25 308	C 994			44 53.63	3526	219	25 22 20.1	983	223	13.1	+ 17	- 21	8.9	
826	26 303	C 995			I 44 54.49	+3.3736	+0.232	27 1 5.2	+17.983	-0.225	11.2	+ 1	- 27	8.1	F 0
827	28 304	C 999		3322	45 0.97	4005	249	29 1 9.6	978	227	12.4	- 12	- 56	8.5	G 5
828	30 285	L 680	968		45 5.15	4268	266	30 55 17.6	975	228	13.3	+ 7	+ 21	9.3	
829	30 286	L 681	969		45 5.86	4272	267	30 56 49.0	975	228	13.1	+ 47	- 3	8.7	F 2
830	26 307	C 1001	970	3325	45 7.25	3686	229	26 35 13.2	974	225	12.4	+ 43	- 18	8.5	F 5
831	28 306	C 1002			I 45 8.76	+3.3940	+0.244	28 30 44.5	+17.973	-0.227	12.6			9.3	
832	30 287	C 1004	974	3330	45 14.93	4203	261	30 21 28.9	969	229	12.7	+ 17	- 45	7.81	F 5
833	30 288	C 1005	975	3331	45 18.93	4211	262	30 27 43.6	966	229	13.1	- 6	+ 5	8.2	K 5
834	27 288	C 1007	979-80		45 26.82	3813	236	27 29 19.2	961	226	13.5	+ 15	+ 3	8.9	
835	29 309	C 1006		3335	45 27.30	4155	258	30 1 33.9	961	229	13.2	+ 8	- 20	8.7	F 0
836	28 308	C 1008		3338	I 45 27.80	+3.3947	+0.244	28 29 34.6	+17.961	-0.228	13.2	+ 37	+ 30	8.7	
837	24 267	B 550	989		45 44.70	3478	215	24 49 53.8	950	225	12.1	- 21	- 26	8.9	
838	25 311	C 1014	994-5	3360	45 55.60	3556	219	25 24 20.4	942	225	11.4	+ 9	- 2	8.21	A 0
839	25 312	C 1015			45 59.48	3611	224	25 49 50.1	940	227	13.1	+ 28	- 9	9.3	
840	23 246	B 555	1000	3370	46 11.82	3410	211	24 12 24.9	932	226	10.8	+ 4	- 56	6.89	A 5
841	25 313	C 1016			I 46 15.79	+3.3615	+0.224	25 48 4.5	+17.930	-0.227	11.5	+ 15	+ 27	9.2	
842	29 316	C 1017	1005		46 27.63	4167	257	29 53 52.0	922	231	9.8	- 20	0	9.3	
843	25 314	C 1018			47 11.05	3627	223	25 43 25.5	894	230	9.2	+ 3	+ 30	8.1	A 5
844	24 269	C 1019			47 17.37	3538	217	25 0 40.7	890	229	10.8	- 40	- 1	8.8	
845	30 292	L 696	1018-23		47 25.80	4354	268	31 0 42.5	884	234	11.1	- 15	- 2	8.9	
846	25 316	C 1020			I 47 38.76	+3.3680	+0.225	26 2 3.8	+17.875	-0.229	10.9	+ 46	+ 20	8.8	A 0
847	31 327	L 698			47 48.14	4477	275	31 46 0.3	869	234	10.5	+ 20	- 3	8.9	
848	28 312	C 1022	1032-3-4-5	3420-1-2-3	47 56.84	4106	251	29 8 26.5	863	233	12.5, 12.3	+ 13*	- 232*	3.58	F 5
849	28 313	C 1023		3425	48 3.40	4003	245	28 22 32.7	859	233	11.1	+ 17	+ 3	7.04	K 5
850	27 296	C 1024	1039		48 5.41	3896	238	27 34 42.7	858	232	11.8	+ 2	+ 42	8.5	

803. Burnham 927.
840. Burnham 977.

809. Burnham 935.
845. Burnham 983.

830. Burnham 962.
848. Number of observations 40.

839. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	D.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 7.001.		
	°				h m s	s	s	° ' "	"	"					
851	25 317	C 1026	1041-2	3432-3	1 48 10.75	+3.3637	+0.222	25 36 3.5	+17.854	-231	11.8	- 3	+ 12	8.06	G 5
852	29 317	C 1025	1040		48 11.09	4177	255	29 35 57.2	854	234	12.2	- 31	+ 36	9.3	
853	31 329	L 702	1043-4	3431	48 18.85	4452	272	31 29 50.5	849	236	11.8	+ 7	- 19	8.1	F 0
854	31 331	L 703	1046	3434	48 22.42	4463	273	31 33 23.3	847	236	12.5	+ 26	+ 2	9.3	
855	25 319	C 1028	1059-60	3457-8	48 51.56	3619	220	25 20 3.3	827	232	11.6	+ 84	- 44	7.81	F 0
856	28 314	C 1029	1057-8	3456	1 48 54.25	+3.4061	+0.246	28 37 0.5	+17.825	-235	11.6	+ 14	- 31	8.9	
857	24 273	B 568			49 13.00	3499	212	24 20 46.5	813	232	12.3	+ 2	- 2	9.3	
858	31 334	L 706	1068	3473	49 24.36	4474	272	31 24 39.4	805	238	12.4	- 2	- 16	8.9	F 5
859	26 318	C 1032	1070		49 24.78	3889	235	27 15 31.8	805	234	13.1	+ 3	- 14	9.3	
860	26 319	C 1033			49 31.16	3858	233	27 0 44.4	801	235	12.4	+ 74	- 6	8.7	K
861	28 316	C 1034	1074	3484	1 49 37.65	+3.4094	+0.247	28 42 36.3	+17.796	-237	12.0	- 27	+ 27	9.3	A 2
862	29 320	C 1035			49 42.58	4257	257	29 50 47.3	792	238	12.2	+ 139	+ 34	9.2	
863	27 300	C 1037	1075-6	3496	49 49.11	3919	236	27 24 1.2	788	235	11.1	+ 35	- 16	7.50	G 5
864	26 322	C 1039	1081	3503	49 59.05	3884	234	27 6 44.9	782	236	11.8	- 15	+ 15	7.9	A 0
865	28 319	C 1040		3501	49 59.72	4056	244	28 21 25.2	781	238	11.3	+ 6	- 27	7.27	F 2
866	26 323	C 1042	1086	3509	1 50 4.55	+3.3848	+0.232	26 49 27.4	+17.778	-236	11.7	- 13	+ 10	8.1	G 5
867	25 323	C 1046			50 30.17	3704	222	25 40 20.3	761	236	10.9	+ 13	+ 21	8.1	G 5
868	27 302	C 1047			50 31.93	4009	241	27 54 44.1	759	238	12.2	+ 52	- 10	9.2	
869	31 339	L 714	1095		50 33.72	4597	278	31 59 3.5	758	241	12.7	+ 2	- 37	9.3	
870	27 303	C 1048	1099-101		50 34.79	3968	239	27 36 22.5	757	238	12.6	- 13	- 16	9.1	A 0
871	30 298	L 715		3525	1 50 36.43	+3.4482	+0.270	31 11 53.1	+17.757	-241	11.8	- 36	0	8.3	
872	29 324	C 1049	1100-2		50 38.03	4294	238	29 54 53.2	755	240	10.3	+ 69	- 43	6.82	A 5
873	29 326	C 1051	1107	3534	50 45.79	4206	253	29 16 22.1	750	239	11.6	+ 33	- 8	8.5	A 2
874	30 299	C 1052			50 48.34	4356	262	30 18 28.4	749	240	11.7	+ 42	- 2	9.2	
875	26 326	C 1054		3545	51 5.91	3903	234	27 2 11.9	736	238	11.7	+ 6	+ 20	8.8	G 0
876	29 329	C 1055	1117		1 51 13.69	+3.4326	+0.259	30 0 31.5	+17.731	-242	13.1	- 24	- 10	9.3	
877	29 330	C 1056	1120-1		51 17.06	4326	259	29 59 59.8	729	242	12.0	- 27	- 24	8.3	F 0
878		C 1057			51 17.75	3980	238	27 33 27.4	728	240	13.5			9.1	
879	27 306	C 1058			51 21.37	3961	237	27 24 28.1	726	239	13.8	+ 9	- 8	10.6	
880	24 282	B 580	1131		51 47.05	3611	216	24 44 26.6	708	237	11.2	+ 5	+ 22	9.1	
881	30 303	C 1060	1130		1 51 50.19	+3.4428	+0.264	30 35 4.9	+17.706	-244	9.0	+ 42	- 82	7.71	F 5
882	30 304	L 723	1133		52 0.81	4439	264	30 37 24.9	700	244	10.2	- 5	+ 37	8.1	
883	24 283	B 583			52 2.43	3558	212	24 17 45.9	698	237	10.8	+ 50	- 2	8.1	
884	30 305	L 725			52 3.78	4509	270	31 1 16.6	697	245	12.5	+ 21	+ 9	9.3	
885	25 328	C 1064	1147		52 9.01	3709	221	25 24 38.6	693	238	12.6	- 20	- 30	9.3	
886	30 306	L 726			1 52 10.88	+3.4505	+0.270	31 1 50.6	+17.692	-245	10.5	- 5	- 22	8.7	
887	30 307	L 731			52 21.29	4525	270	31 7 52.7	685	245	13.5	- 15	- 41	9.3	
888	31 342	L 730			52 21.46	4596	275	31 35 53.9	685	245	13.1	+ 116	- 127	9.2	
889	30 308	L 733			52 31.50	4534	270	31 9 0.5	678	245	12.7	+ 177	- 76	9.2	
890	30 309	L 735			52 35.08	4432	263	30 27 27.6	676	244	11.7	+ 4	- 3	8.8	
891	27 310	C 1069	1159-60	3591-2	1 52 36.75	+3.3989	+0.237	27 22 0.8	+17.674	-241	10.8	+ 13	- 53	6.02	Mb
892	26 330	C 1070			52 38.76	3883	230	26 35 42.1	673	241	12.0	+ 22	- 22	8.7	
893	30 310	L 738	1166-7		52 52.66	4477	265	30 41 47.7	663	245	10.5	- 32	- 63	7.21	Mb
894	27 311	C 1073	1168	3596	52 53.10	4097	243	28 4 54.3	663	244	11.9	+ 19	- 12	7.8	A 0
895	25 332	C 1074			52 54.89	3815	225	26 2 50.7	662	240	11.6	- 51	- 59	8.9	
896	29 339	C 1075			1 53 7.52	+3.4293	+0.254	29 23 58.6	+17.653	-244	13.3	+ 2	- 22	9.3	
897	31 346	L 740	1174		53 13.51	4608	273	31 29 26.5	649	246	12.5	- 7	- 21	9.3	
898	29 340	C 1076			53 19.05	4283	253	29 17 49.5	645	245	13.2	+ 7	+ 16	9.1	
899	25 333	C 1077	1185-6	3616	53 19.35	3730	220	25 21 6.5	645	241	12.3	- 25	- 5	8.8	
900	27 312	C 1078			53 21.89	4070	240	27 48 15.1	643	244	13.3	+ 19	- 5	9.3	

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 1.001.		
901	26 331	C 1079			h m s	s	s	° ' "	"	"	13.4	+ 37	- 17	9.3	
902	25 334	C 1080			53 24.87	+3.3939	+0.232	26 51 31.0	+17.641	-0.242	13.0	+ 28	+ 37	9.3	
903	24 287	B 590	1193		53 26.11	3797	224	25 49 34.7	640	242	10.6	- 17	- 4	9.1	
904	28 333	C 1082	1190-1		53 31.13	3641	215	24 39 22.2	637	241	10.6	+ 11	+ 2	8.3	K 2
905	28 335	C 1084	1200-1	3623	53 32.71	4239	251	28 56 30.6	636	245	10.6	+ 23	- 36	8.7	G 5
906	24 288	B 593		3645	53 44.91	4170	247	28 25 32.6	627	245	8.5	- 6	- 24	7.8	A 3
907	26 336	C 1089	1215-6		I 54 15.32	+3.3622	+0.213	24 23 30.7	+17.606	-0.242	9.7	- 8	- 2	8.7	
908	24 290	C 1090			54 29.88	4014	235	27 11 36.3	597	245	10.2	- 28	+ 18	9.3	A 0
909	30 314	L 747	1224		54 38.39	3721	219	25 3 2.9	590	243	10.2	+ 5	+ 13	9.2	
910	31 350	L 748	1229-30		54 48.86	4570	268	30 55 27.3	583	249	10.2	+ 3	- 6	8.5	
911	30 316	L 749		3664	55 1.98	4658	273	31 27 35.5	574	251	11.3	+ 76	- 52	8.7	
912	30 317	L 751	1237		I 55 7.78	+3.4629	+0.272	31 15 4.4	+17.569	-0.251	10.8	0	- 44	8.7	
913	24 292	B 601	1242	3673	55 18.86	4582	268	30 54 18.0	562	251	10.4	+ 20	- 5	8.8	G 5
914	27 317	C 1092	1239-40-1		55 20.33	3678	215	24 36 57.6	561	245	11.5	+ 1	0	8.5	F 0
915	27 318	C 1093	1243-5		55 23.00	4060	236	27 20 58.5	559	247	11.5	+ 9	- 19	8.8	A 2
916	29 346	C 1094			55 25.92	4076	237	27 27 10.3	557	247	11.1	- 9	- 7	8.5	G 0
917	28 337	C 1097	1250	3677	I 55 31.29	+3.4376	+0.255	29 29 46.1	+17.553	-0.249	11.7	+ 34	+ 4	8.3	K 0
918	28 338	C 1098	1252-3	3681-2	55 46.32	4326	252	29 6 43.8	543	249	10.7	+ 80	- 16	7.8	F 5
919	31 352	L 755	1255		55 49.48	4283	249	28 48 10.9	540	249	11.6	+ 11	- 3	8.9	
920	23 270	B 604	1263	3697	55 55.98	4669	272	31 20 30.9	536	253	9.9	- 19	- 25	7.42	G 5
921	24 294	B 606			56 6.98	3614	211	24 0 33.6	528	245	11.9	+ 13	- 8	9.1	A 2
922	31 354	L 760	1268		I 56 9.86	+3.3717	+0.216	24 45 38.0	+17.526	-0.246	9.6	- 1	+ 34	8.1	K 0
923	24 295	B 611			56 31.60	4741	275	31 41 12.0	510	253	11.5	- 3	+ 54	10.6	
924	25 337	C 1101			56 47.98	3697	214	24 30 13.9	499	247	11.4	+ 61	+ 34	9.2	
925	27 320	C 1102	1284		56 56.39	3880	225	25 48 3.6	493	249	10.6	+ 30	- 2	6.73	K 0
926	30 320	L 766	1288		56 58.58	4191	242	27 57 56.8	491	251	11.5	- 7	- 10	8.8	
927	29 349	C 1103	1289		I 57 12.77	+3.4675	+0.272	31 7 41.1	+17.481	-0.256	11.1	+ 14	- 8	8.2	G 5
928	29 350	C 1104		3734	57 14.90	4400	254	29 19 21.2	479	253	11.3	- 2	- 2	8.7	
929	27 322	C 1106			57 16.58	4479	259	29 50 15.7	478	254	10.6	+ 60	+ 1	9.2	
930	28 341	C 1108	1300	3749-50	57 29.16	4163	240	27 40 31.0	469	252	10.0	+ 26	+ 7	8.3	F 5
931	28 342	C 1109	1302		57 38.08	4266	245	28 21 9.5	463	253	10.5	+ 5	0	9.1	
932	29 352	C 1110	1304-5		I 57 40.86	+3.4327	+0.249	28 45 13.9	+17.461	-0.253	10.6	- 12	+ 11	8.8	
933	25 339	C 1111			57 59.19	4428	254	29 22 21.0	448	255	11.2	- 6	- 21	8.7	
934	31 357	L 771		3766	58 2.37	3886	223	25 39 10.6	446	251	11.9	+ 42	- 82	8.8	G 5
935	25 340	C 1112			58 3.47	4832	279	31 57 30.9	445	257	11.3	- 22	- 8	8.1	A 5
936	31 359	L 774			58 22.38	3959	227	26 6 16.1	431	252	11.9	- 15	- 2	8.5	
937	26 346	C 1113			I 58 22.80	+3.4762	+0.274	31 27 21.3	+17.431	-0.258	10.3	+ 63	- 18	7.40	K 0
938	24 296	B 615	1318		58 24.46	4096	235	27 2 58.2	430	252	11.0	- 1	+ 20	8.9	K 0
939	25 341	C 1114	1319-20	3781-2	58 27.88	3772	217	24 46 3.4	427	251	10.0	+ 102*	+ 16*	5.68	F 5
940	26 347	C 1115			58 32.64	3877	222	25 30 8.7	423	252	12.1	+ 14	+ 23	8.3	F 5
941	30 324	L 777			58 33.50	4042	231	26 39 8.1	423	253	11.0	+ 2	- 14	8.8	F 2
942	29 355	C 1119	1327-8	3785	I 58 40.34	+3.4691	+0.269	30 56 47.2	+17.418	-0.258	10.4	+ 10	- 17	8.0	F 0
943	27 326	C 1121	1333		58 46.84	4467	251	29 28 21.9	413	256	13.0	+ 2	+ 11	8.7	
944	25 343	C 1122	1339-40	3795-6	59 9.77	4278	243	28 9 8.1	397	256	12.6	+ 21	- 5	7.17	G 5
945	27 327	C 1123	1343-4		59 14.91	3892	222	25 29 18.2	393	254	12.7	- 22	+ 5	9.3	
946	24 298	B 621			59 28.99	4274	243	28 4 6.4	383	257	11.8	- 89	- 141	8.1	K 0
947	25 344	C 1125			I 59 29.63	+3.3827	+0.219	24 59 13.1	+17.382	-0.253	12.3	- 2	- 4	8.7	
948	30 326	C 1124	1346	3797	59 30.95	3946	225	25 49 12.8	381	254	12.8	- 47	- 58	8.31	F 5
949	28 348	C 1126		3799	59 32.06	4612	263	30 16 38.7	381	259	12.8	- 27	- 2	9.3	
950	30 327	L 780	1352		59 36.04	4364	248	28 38 35.5	378	257	12.2	+ 13	- 14	8.5	
					59 38.22	4669	266	30 38 7.7	376	260					

904, 943. Number of observations 6.

906. Σ 194.

920, 939. Number of observations 4.

939. Σ 208.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
951	30 328	L 781	1353		h m s	s	s	° ' "	"	"					
952	28 351	C 1128		3823-4	1 59 41.41	+3.4690	+0.0267	30 44 23.1	+17.374	-260	11.3	- 23	- 37	8.5	
953	24 300	B 626	1375-6		2 0 6.26	4382	249	28 40 24.2	356	258	9.7	+ 24	- 1	7.9	G 5
954	27 329	C 1131			0 41.33	3816	217	24 42 53.6	330	256	8.5	- 11	- 11	8.0	G 5
955	30 333	L 784		3843	0 45.32	4249	239	27 40 17.5	327	258	10.3	- 22	+ 16	9.4	
956		B 628	1386		1 3.62	4703	265	30 33 53.3	314	261	10.1	+ 16	- 47	8.6	G 5
957	24 302	B 628, 9			2 1 9.76	+3.3822	+0.0217	24 40 45.2	+17.309	-258	11.6	- 15	- 33	8.1	A 0
958		B 629	1387		1 9.67	3822	217	24 40 44.3	309	258	11.9	- 15	- 33		
959	29 358	C 1133	1391		1 9.76	3822	217	24 40 43.6	309	258	11.9	- 15	- 33		
960	26 354	C 1134			1 18.52	4619	260	29 59 13.1	302	263	12.3	+ 4	+ 13	9.4	
961	27 330	C 1135	1398		1 23.96	4078	230	26 24 29.2	299	258	11.8	- 49	+ 56	8.7	A 0
962	25 348	C 1136		3859	2 1 26.93	+3.4227	+0.0238	27 24 16.9	+17.297	-259	11.8	- 37	+ 6	9.1	K 0
963	28 359	C 1137	1402-3	3857	1 36.22	3936	222	25 24 5.7	290	257	11.9	- 6	- 26	7.36	A 3
964	25 349	C 1138	1404	3863	1 38.05	4450	250	28 50 25.5	288	262	12.7	- 8	+ 7	6.53	A 2
965	25 350	C 1139			1 42.96	3921	221	25 16 32.8	285	257	13.0	+ 33	- 1	6.0	B 8
966	26 357	C 1141	1414		1 48.28	4013	225	25 53 37.4	281	258	12.5	+ 76	+ 21	7.38	G 5
967	29 361	C 1142	1417-8-9	3882	2 2 12.31	+3.4158	+0.0233	26 48 33.2	+17.263	-260	10.5	+ 28	+ 9	6.82	A 2
968	28 361	C 1143	1422-3-4	3887	2 25.19	4545	254	29 18 47.4	254	264	11.0	+ 17	- 16	7.9	A 3
969	28 363	C 1144			2 31.24	4531	253	29 12 18.0	249	263	12.2	- 5	+ 2	8.3	
970	28 364	C 1145	1431-2	3895	2 37.20	4412	248	28 25 14.8	245	264	11.5	+ 31	- 22	9.4	
971	24 305	B 637	1445		2 48.15	4529	253	29 8 34.3	237	263	10.5	+ 6	+ 33	8.2	K 0
972	27 335	C 1146			2 3 11.52	+3.3828	+0.0214	24 23 28.9	+17.219	-261	9.2	+ 4	+ 16	7.7	Ma
973	24 308	B 640	1456		3 12.27	4347	242	27 53 27.1	219	263	11.1	+ 136	- 308	9.4	
974	27 336	C 1149	1459-60		3 47.28	3842	214	24 23 59.7	193	261	9.3	+ 29	- 18	9.2	F 8
975	24 312	B 642	1467		3 56.24	4293	238	27 24 45.1	186	264	10.3	- 20	- 40	9.4	
976	27 337	C 1150	1465-6	3939-40	4 5.70	3921	218	24 53 38.6	178	263	11.3	- 14	+ 25	9.1	K 0
977	25 354	C 1151			2 4 8.07	+3.4383	+0.0243	27 58 4.2	+17.177	-265	10.2	- 7	+ 23	8.1	A 0
978	24 313	B 644	1475-6		4 10.06	4015	223	25 31 8.3	175	262	12.2	+ 60	- 24	8.7	F 2
979	25 355	C 1152	1474	3944	4 16.99	3855	214	24 24 37.9	170	263	11.5	- 11	- 13	8.1	G 5
980	31 370	L 801	1471		4 17.79	4017	223	25 30 52.6	169	264	10.5	+ 58*	- 37*	5.07	F 0
981	26 362	C 1154			4 23.75	5020	278	31 53 25.0	165	270	11.1	- 4	- 8	7.8	K 2
982	25 357	C 1155	1488		2 4 27.35	+3.4235	+0.0235	26 56 33.5	+17.163	-265	13.1	+ 15	- 3	9.4	K 0
983	25 358	C 1156			4 42.86	4108	227	26 3 32.7	150	265	11.8	+ 35	+ 13	8.9	F 8
984	29 365	C 1157			4 45.78	4068	225	25 46 46.8	148	264	12.0	+ 32	+ 39	9.1	A 2
985	31 373	L 807			4 51.86	4719	260	29 58 3.3	144	270	12.2	+ 25	- 1	9.4	
986	29 366	C 1158	5-6-7	3962	4 56.09	4941	273	31 19 0.3	141	272	12.9	- 17	- 41	9.4	
987	29 368	C 1161		3977	2 5 9.79	+3.4634	+0.0255	29 23 16.2	+17.130	-269	11.9, 12.7	+ 222	- 264	8.9	
988	24 318	B 648			5 33.49	4688	257	29 39 13.8	113	271	10.3	- 19	- 1	8.5	F 5
989	28 367	C 1162	21		5 43.42	3916	216	24 36 13.1	105	266	12.3	+ 17	- 6	8.38	K 2
990	29 369	C 1163	20-2-3-4	3990	5 53.70	4481	246	28 17 42.0	097	271	12.4	+ 6	- 15	9.4	
991	29 370	C 1164	25	3991-2	5 54.68	4671	256	29 29 1.4	096	271	11.6	+ 6	+ 6	8.2	A 0
992	25 362	C 1166	32-3-4	4003-4	2 5 55.37	+3.4704	+0.0258	29 41 30.5	+17.096	-272	10.1	+ 8	- 7	8.2	F 0
993	30 347	L 811		3997	6 4.66	4059	223	25 30 46.6	088	267	10.7	0*	- 11*	6.18	K 2
994	25 363	C 1168	40	4010-1	6 9.15	4942	270	31 6 9.8	085	275	11.1	+ 18	+ 14	6.20	A 0
995	23 295	B 651	41-2		6 18.41	4090	224	25 40 54.9	078	267	10.5	- 77	- 22	8.5	F 5
996	27 341	C 1171	53-4		6 18.58	3856	212	24 6 4.1	078	267	11.0	- 12	- 50	8.7	G 5
997	24 319	C 1172	68		2 6 42.09	+3.4440	+0.0242	27 53 51.5	+17.060	-271	11.8	- 4	+ 2	9.4	
998	29 371	C 1173	62-3	4033-4	7 5.78	4007	219	25 0 12.2	042	269	11.7	+ 2	- 20	9.4	K 0
999	28 369	C 1174	64		7 8.72	4770	259	29 52 53.9	039	274	9.5	- 48*	- 62*	5.20	G 0
1000			69	4036	7 9.06	4770	259	29 52 55.2	039	274	7.5	- 48*	- 62*		

952, 976. Number of observations 6. 956, 958. Σ 212, magnitudes 8.0 and 8.5. Number of observations 3, 4. 957. Σ 212, observed as one mass. Number of observations 3, 2.
 954. Burnham 1098. 977, 979. Burnham 1116. 998, 999. Σ 227, magnitudes 5.0 and 6.4. 999. Number of observations 2.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.			Dec. 1910.0.			Epoch 1900+	Annual P.M.		Mag.	Spectral Type.		
					h	m	s	Precession.	Sec. Var.	Precession.		Sec. Var.	R.A. 8.0001.			Dec. 7.001.	
1001	31 382	L 814	65	4032	2 7	12.74	+3.5079	+0.277	31 43	37.6	+17.036	-0.277	10.4	+ 28	- 7	8.10	K 2
1002	29 374	C 1178		4058	7	55.07	4834	261	30 8	13.0	17.004	275	9.1	- 14	+ 2	7.76	G 5
1003	24 322	C 1181	102		8	15.17	4027	219	24 57	37.1	16.988	272	10.6	- 82	- 121	8.63	G 0
1004	31 386	L 821	100	4078	8	20.18	5075	274	31 29	54.4	984	278	10.1	+ 46	- 42	8.1	F 5
1005	27 344	C 1182	103		8	23.72	4426	239	27 31	24.2	981	275	11.5	- 17	- 30	9.4	
1006	24 325	B 666		4094	2 8	33.85	+3.4067	+0.220	25 10	35.6	+16.974	-0.271	10.9	+ 12	- 75	7.08	F 5
1007	25 368	C 1186	123	4102	8	53.10	4232	234	26 12	20.3	959	273	10.6	+ 29	+ 29	7.30	G 5
1008	27 346	C 1187	125		8	59.52	4513	243	27 58	32.3	953	276	12.6	- 39	- 80	9.4	
1009	30 354	C 1188	128-9	4103	9	5.23	4895	263	30 18	18.8	950	278	12.1	- 21	- 19	7.31	F 0
1010	31 388	L 828			9	14.95	5085	273	31 23	53.5	942	280	12.9	- 2	- 33	9.4	
1011	27 348	C 1191	137		2 9	20.39	+3.4450	+0.239	27 31	41.0	+16.938	-0.277	12.6	- 30	+ 5	9.4	
1012	28 374	C 1192	138	4114	9	24.74	4572	246	28 16	24.3	934	278	12.0	+ 123	- 68	6.57	G 5
1013	29 376	C 1194	139-40	4115-6	9	27.30	4851	260	29 58	29.8	932	279	11.8	+ 18	+ 41	7.21	B 8
1014		C 1195	141-2		9	27.83	4851	260	29 58	32.7	932	279	11.7	+ 18	+ 41		
1015	27 350	C 1198			10	11.42	4491	240	27 38	57.3	897	278	11.7	+ 12	- 3	9.2	
1016	26 373	C 1200	154		2 10	15.00	+3.4381	+0.235	26 56	29.2	+16.895	-0.278	10.1	+ 237	- 136	8.2	G 5
1017	28 376	C 1202	155	4140	10	17.11	4615	247	28 23	48.9	893	279	11.5	- 23	+ 7	8.7	K 0
1018	28 377	C 1203	158		10	25.34	4730	253	29 4	54.0	887	282	11.7	- 12	- 55	8.8	
1019	25 372	C 1204			10	30.03	4275	229	26 13	42.0	883	276	11.5	+ 18	- 41	8.6	F 5
1020	24 329	B 681	164-5	4158	10	36.18	4030	217	24 37	35.1	878	275	11.1	- 61*	- 87*	5.64	F 5
1021	25 373	C 1205		4154-5	2 10	36.66	+3.4144	+0.222	25 21	56.5	+16.878	-0.275	11.1	+ 136*	- 60*	5.84	F 2
1022	30 358	L 836			10	52.35	5018	267	30 43	31.3	866	283	12.2	- 11	+ 31	9.2	
1023	24 330	B 686	176-7		10	59.75	4041	217	24 38	19.4	860	276	14.3	+ 45	- 13	var.	Md
1024	29 380	C 1207			11	0.28	4816	256	29 30	12.4	860	283	12.7	+ 40	- 39	9.4	
1025	26 375	C 1208	178		11	2.75	4348	232	26 36	32.3	857	278	10.7	+ 5	+ 30	8.8	A 2
1026	30 360	L 838	174-5	4164	2 11	5.58	+3.5008	+0.266	30 37	32.5	+16.855	-0.284	10.8	+ 74	- 11	7.86	F 0
1027	29 382	C 1209	182	4169	11	12.53	4803	255	29 23	13.7	849	283	11.0	+ 63	- 4	8.7	G 5
1028	29 384	C 1210	191		11	25.89	4803	255	29 21	16.2	839	283	13.2	- 41	- 32	9.4	
1029	29 385	C 1211	195		11	31.87	4836	256	29 32	0.6	834	284	13.5	- 8	+ 7	9.4	
1030	28 379	C 1212			11	32.92	4773	252	29 9	11.3	833	283	13.5	- 4	+ 11	9.4	
1031	30 362	L 843	196-7	4183	2 11	41.12	+3.5019	+0.265	30 35	22.5	+16.827	-0.285	11.3	- 11	+ 19	8.7	
1032	27 354	C 1216	203		11	57.38	4607	244	28 4	51.7	814	283	13.5	- 32	+ 18	9.4	
1033	28 381	C 1217			11	57.97	4637	245	28 15	54.4	814	283	12.8	+ 19	+ 20	9.1	
1034	30 363	L 845	209		12	7.32	5105	269	31 1	3.0	806	287	11.9	+ 12	- 5	8.7	
1035	28 382	C 1219	212	4207	12	11.25	4653	246	28 19	36.3	803	283	11.3	+ 67	- 64	6.61	F 5
1036					2 12	11.79	+3.4654	+0.246	28 19	48.5	+16.802	-0.283	11.7	+ 67	- 64		
1037	30 364	L 847	210	4208	12	12.78	5149	271	31 15	9.0	802	287	12.5	+ 9	- 22	9.1	
1038	28 383	C 1220			12	23.68	4725	249	28 40	17.1	793	284	12.5	- 51	- 38	9.4	
1039	25 377	C 1221	225		12	27.64	4200	223	25 27	10.2	790	279	12.5	+ 30	- 54	9.8	
1040	30 367	L 849			12	41.20	5092	268	30 50	53.8	779	287	12.9	- 24	- 57	9.4	
1041	28 385	C 1222	231	4223	2 12	43.75	+3.4711	+0.249	28 35	29.0	+16.777	-0.284	9.7	+ 12	- 18	6.85	Ma
1042	29 387	C 1223	234	4231-2-3	12	52.07	4855	256	29 25	53.8	771	286	9.8	+ 6	- 32	7.35	A 3
1043	27 359	C 1225			13	13.16	4551	239	27 32	5.4	754	285	10.2	- 16	+ 31	9.4	
1044	31 395	L 853			13	17.88	5261	276	31 42	43.2	750	289	10.2	- 5	- 18	8.7	
1045	27 360	C 1229	243	4262	13	43.82	4677	245	28 13	39.5	729	286	9.1	+ 9*	- 2*	5.28	A 2
1046	26 383	C 1230	244	4264	2 13	44.29	+3.4474	+0.235	26 58	59.6	+16.729	-0.284	10.4	+ 22	- 27	8.7	F 8
1047	29 388	C 1232		4266	13	55.91	4919	257	29 37	53.5	719	288	10.9	- 39	- 35	8.7	A 3
1048	28 388	C 1235			14	12.97	4719	247	28 24	1.8	706	287	10.9	- 8	+ 6	9.8	
1049	31 399	L 860			14	15.97	5279	275	31 38	42.2	703	292	11.7	+ 33	+ 4	9.4	
1050	24 335	C 1237	264-5	4288	14	26.27	4190	220	25 5	54.5	695	283	10.9	+ 22	- 27	7.86	A 0

1013, 1014. Σ 232, magnitudes 7.5 and 7.5.
1035, 1036. Σ 239, magnitudes 7.0 and 8.0.

1014, 1020, 1028, 1036. Number of observations 6.

1023. Limits of magnitude 7.3 and 13.2; period 187 days.
1045. Burnham 1198.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s.	° ' "	"	"					
1051	30 372	L 862	263	4287	2 14 34.46	+3.5161	+0.0269	30 55 33.1	+16.689	-0.291	10.1	+ 98	- 97	7.29	F 5
1052	30 373	C 1239			14 34.76	5065	263	30 22 29.1	688	290	11.7	+ 35	- 24	8.71	F 5
1053	31 403	L 864	266	4292	14 43.70	5339	278	31 54 19.0	681	293	11.1	- 3	+ 5	8.1	K 5
1054	30 374	C 1240			14 46.50	5076	264	30 24 26.9	678	290	11.1			9.2	
1055	29 392	C 1242	270-1	4295-6	14 48.47	4968	258	29 46 31.5	677	290	10.3	+ 12	- 45	6.60	K 0
1056	25 381	C 1243			2 14 51.33	+3.4363	+0.0228	26 7 28.7	+16.675	-0.285	11.4	+ 28	+ 2	9.4	
1057	29 393	C 1244	274-5		14 55.23	4906	255	29 23 55.1	672	290	10.4	- 19	- 29	8.5	F 5
1058	27 363	C 1248		4320	15 33.57	4706	243	28 6 39.5	640	290	9.5	- 2	- 31	7.9	G 0
1059	28 393	C 1249		4322	15 36.02	4742	245	28 19 24.4	638	290	9.7	- 20	+ 22	7.30	F 0
1060	26 389	C 1250	293	4326	15 44.66	4518	235	26 56 51.7	631	289	10.8	+ 31	- 12	8.3	K 0
1061	30 379	C 1251	291-2	4324	2 15 47.57	+3.5080	+0.0262	30 15 46.0	+16.629	-0.292	10.3	- 10	+ 2	8.21	G 5
1062	29 396	C 1252	294-5		15 50.20	4952	256	29 31 17.0	627	291	10.4	+ 31	- 58	8.8	G 0
1063	26 390	C 1255	301	4333	15 59.30	4530	235	26 59 21.7	620	289	11.1	- 35	- 55	8.6	G 0
1064	30 380	C 1257	302	4334	16 6.28	5114	261	30 24 33.9	614	293	12.5	- 14	- 21	9.2	
1065	27 366	C 1258	303		16 7.19	4645	240	27 39 32.8	613	290	13.2	+ 18	- 21	8.8	A 2
1066	31 406	L 876	305		2 16 18.76	+3.5333	+0.0276	31 36 29.8	+16.603	-0.296	13.3	- 21	- 23	9.2	
1067	26 391	C 1259			16 19.00	4470	231	26 34 12.2	603	289	12.3	- 44	- 12	8.7	G
1068	25 384	C 1261			16 27.17	4329	224	25 40 47.1	597	288	13.1	+ 17	- 14	9.2	
1069	25 385	C 1262			16 29.00	4398	228	26 6 18.5	595	288	13.3	+ 68	- 38	9.2	
1070	26 392	C 1264		4352-3-4	16 55.20	4587	237	27 11 37.5	574	291	10.5	- 65	+ 6	8.1	
1071	29 399	C 1263	317-8	4349	2 16 56.70	+3.5052	+0.0259	29 55 10.7	+16.572	-0.295	10.0	- 23	+ 10	8.7	G
1072	29 400	C 1265	319		16 56.95	5046	259	29 52 55.2	572	295	11.7	- 40	- 2	8.9	
1073	25 387	C 1270	329		17 6.04	4355	225	25 44 49.0	565	289	11.5	- 14	+ 2	9.1	
1074	25 388	C 1271	327		17 6.26	4373	226	25 51 36.3	565	289	11.7	0	- 78	8.9	G 5
1075	25 389	C 1272	330		17 6.88	4369	226	25 50 9.1	564	289	13.1	+ 34	+ 3	9.4	
1076	29 401	C 1269	323-4	4357	2 17 7.48	+3.5056	+0.0259	29 54 49.5	+16.564	-0.295	11.1	- 12	+ 17	7.76	K 0
1077	30 384	L 879	325-6		17 13.41	5273	270	31 7 38.8	559	297	11.2, 9.9	+ 48	- 88	8.6	F 8
1078	27 368	C 1273			17 24.34	4663	240	27 34 24.0	550	293	13.2	- 9	+ 6	9.1	
1079	26 395	C 1274	334	4368-9	17 26.69	4607	237	27 13 51.0	548	292	12.1	+ 5	0	8.8	K 0
1080	24 339	B 720			17 47.80	4216	218	24 47 10.8	530	289	10.6	0	+ 11	9.1	F 5
1081	24 340	B 721	345		2 17 53.27	+3.4135	+0.0214	24 15 56.8	+16.526	-0.289	10.7	+ 34	- 24	9.1	G 5
1082	26 397	C 1276	348	4385	18 1.06	4462	228	26 16 23.5	520	292	12.1	+ 2	+ 4	8.1	F 8
1083	24 341	C 1278			18 3.78	4281	219	25 9 4.3	517	290	13.1			10.7	
1084	27 369	C 1279	352		18 5.85	4707	240	27 43 56.3	516	294	13.2	+ 17	- 15	8.5	K 0
1085	28 402	C 1281	353		18 6.77	4807	245	28 18 56.6	515	295	13.1	+ 16	- 39	8.9	
1086	29 402	C 1280	350-1	4384	2 18 7.23	+3.5056	+0.0258	29 45 24.5	+16.515	-0.297	12.7	- 15	- 52	8.7	F 5
1087	25 392	C 1283			18 9.96	4328	222	25 25 43.4	512	290	13.3	- 38	- 1	9.4	
1088	29 403	C 1282	354		18 11.33	5051	257	29 43 3.2	511	296	12.9	- 9	- 2	9.2	
1089	26 398	C 1284			18 15.43	4529	231	26 38 32.4	508	293	12.7	+ 4	+ 8	8.7	F 5
1090	28 403	C 1286	361		18 26.70	4804	245	28 15 8.0	499	296	12.2	+ 9	+ 6	9.1	
1091	30 387	C 1288	365		2 18 49.15	+3.5166	+0.0262	30 16 22.2	+16.480	-0.298	9.9	- 4	- 23	9.2	
1092	28 409	C 1292	372	4415	19 25.85	4931	250	28 50 13.0	449	298	9.9	+ 31	+ 14	7.10	K 0
1093	27 373	C 1293	373	4417-9	19 27.14	4660	236	27 15 6.4	448	296	10.1	+ 12	+ 4	8.1	K 0
1094	29 406	C 1295	374-5		19 33.73	5182	262	30 14 37.5	442	300	10.0	- 36	- 163	8.16	G 5
1095	28 410	C 1296	381		19 40.80	4864	246	28 24 56.8	437	298	9.7	+ 12	- 13	8.7	F 2
1096	30 391	L 895	386-7		2 19 50.68	+3.5316	+0.0265	30 53 21.3	+16.428	-0.301	10.7	+ 20	- 9	9.1	K 0
1097	24 344	C 1297	393	4437	19 52.32	4309	219	25 4 46.3	427	294	10.5	+ 3	+ 7	8.01	G 0
1098	25 394	C 1298			19 53.28	4427	224	25 47 42.4	427	295	11.7	+ 75	- 42	9.1	
1099	25 395	C 1299			19 53.81	4465	226	26 1 27.4	426	295	12.3	- 21	+ 24	9.4	A 5
1100	27 374	C 1301	398	4440-1	20 5.59	4680	236	27 16 37.8	416	297	11.5	- 16	- 10	8.2	K 0

1056. Number of observations 4.

1060, 1083. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.											
												R.A. s.0001.	Dec. ".001.													
													h	m	s	s	s	°	'	"	"	"				
1101	27 376	C 1302			2 20 9.30	+3.4734	+0.0239	27 35 12.6	+16.413	-.298	12.8	- 16	+ 12	8.8	G 5											
1102	27 375	C 1303	401	4444	20 9.67	4691	237	27 19 49.0	412	297	12.8	- 7	- 6	9.4												
1103	31 419	L 899	397		20 12.17	5465	275	31 41 47.4	411	304	12.2	+ 106	- 26	8.6												
1104	29 410	C 1304	402-3	4446	20 14.62	5064	255	29 28 28.3	408	301	11.1	+ 1	- 44	7.9	K 2											
1105	24 346	B 732			20 19.12	4215	215	24 26 11.4	405	294	11.9	- 45	- 23	8.7	G 5											
1106	24 347	B 734	408	4456	2 20 42.69	+3.4275	+0.0217	24 45 12.4	+16.385	-.294	10.9	- 27	+ 7	6.94	A 3											
1107	30 393	L 903			20 46.65	5263	264	30 30 7.3	381	304	10.5	- 4	- 67	7.81	K 0											
1108	31 421	L 904	406-7		20 49.32	5442	273	31 28 24.1	380	304	11.5	+ 35	- 1	8.3												
1109	29 412	C 1307	412-3	4462	20 55.40	5091	256	29 31 24.9	375	302	11.8	- 22	- 11	8.9	A 5											
1110	27 378	C 1309	427		21 27.62	4776	239	27 38 37.4	347	301	11.9	- 15	+ 6	8.7	K 0											
1111	30 395	C 1310	429-30		2 21 33.85	+3.5259	+0.0263	30 21 36.4	+16.342	-.304	12.0	- 11	- 7	8.91	K 0											
1112	26 407	C 1311			21 37.61	4621	232	26 42 44.4	338	299	12.0	+ 48	- 18	9.4	F 2											
1113	30 396	L 910	434	4513	21 41.02	5358	268	30 53 2.3	336	306	9.6	+ 56	- 28	8.1	F 5											
1114	25 398	C 1312		4493-4	21 47.15	4445	224	25 38 13.4	331	298	9.1	- 19	- 24	7.11	F 5											
1115	23 323	B 737	438		21 49.86	4179	210	24 0 48.8	328	296	11.3	+ 23	- 4	9.1	A 2											
1116	26 409	C 1314	439	4496	2 21 54.99	+3.4611	+0.0231	26 36 34.5	+16.324	-.300	9.6	- 22	- 61	6.18	K 5											
1117	31 427	L 913		4498-9	22 7.59	5466	274	31 23 51.9	313	307	10.7	- 24*	- 34*	5.80	K 0											
1118	26 410	C 1316	450		22 15.96	4616	231	26 35 27.5	306	301	12.8	+ 20	+ 10	9.4												
1119	24 351	C 1317	453-4		22 16.76	4391	221	25 14 43.7	305	299	12.8	- 5	- 12	8.76	K 0											
1120	26 411	C 1320			22 26.09	4676	234	26 55 18.5	298	302	12.5	0	+ 17	9.4												
1121	31 428	L 915			2 22 40.49	+3.5493	+0.0274	31 27 43.5	+16.286	-.307	12.1	- 6	+ 15	9.4												
1122	29 417	C 1323	465-6-7	4524-5-6	22 53.11	5098	254	29 16 5.2	275	305	10.7	- 14*	- 87*	5.38	F 0											
1123	29 418	C 1324		4527	22 54.45	5135	256	29 28 12.2	274	306	9.9	- 2	- 6	7.8	G 0											
1124	27 384				22 57.33	4848	241	27 50 32.9	271	304	14.9			8.7	F 2											
1125	31 431	L 919	470		23 4.80	5566	276	31 46 57.4	265	309	11.7	+ 19	- 26	9.4												
1126	31 432	L 920	471		2 23 5.65	+3.5564	+0.0276	31 46 6.0	+16.264	-.309	11.7	+ 12	- 27	8.9												
1127	23 326	B 742		4536	23 8.60	4242	212	24 13 43.4	261	298	12.0	- 18	- 11	8.58	G 5											
1128	29 419	C 1327	479-80-1	4537	23 19.01	5121	253	29 20 0.2	253	307	11.9	- 19	+ 21	8.8	F 0											
1129	29 421	C 1330	483-4-5	4540-2	23 28.10	5116	253	29 17 4.7	245	307	10.9	+ 57	+ 5	8.2	G 0											
1130	29 423	C 1332		4546-7-8	23 31.40	5161	255	29 31 38.6	242	307	9.4	- 55*	+ 70*	5.90	G 0											
1131	26 416	C 1334	490	4555	2 23 39.19	+3.4695	+0.0233	26 51 29.5	+16.236	-.304	11.5	- 4	+ 40	8.8	A 2											
1132	27 385	C 1335			23 41.49	4776	237	27 19 15.6	234	304	13.0	+ 2	- 11	9.4												
1133	28 421	C 1337			23 57.56	5019	247	28 39 57.2	219	307	11.9	- 20	- 12	9.4												
1134	30 399	L 923	494-5		24 2.31	5346	263	30 27 49.3	216	310	9.9	+ 11	- 11	7.76	K 0											
1135	26 418	C 1338		4570	24 6.83	4651	230	26 32 25.9	212	304	13.0	+ 19	+ 81	9.4	K 0											
1136	27 388	C 1339	502		2 24 20.62	+3.4847	+0.0239	27 38 25.3	+16.200	-.307	12.1	- 2	- 63	9.4												
1137	31 438	L 926			24 25.89	5578	275	31 38 33.6	195	312	11.1	- 3	- 7	9.2												
1138	26 420	C 1342			25 9.72	4774	235	27 6 32.4	157	307	9.7	+ 26	- 22	9.2	G 0											
1139	24 358	C 1343	525	4608	25 21.51	4391	217	24 50 12.5	147	304	8.7	+ 52*	- 83*	5.86	F 5											
1140	27 391	C 1344	523		25 23.36	4831	238	27 24 0.7	146	308	8.8	- 7	- 23	8.7	G 5											
1141	30 403	C 1346	534		2 25 46.67	+3.5356	+0.0261	30 15 10.9	+16.125	-.312	9.7	- 5	- 16	9.4												
1142	30 404	L 938	547		26 13.93	5529	269	31 6 50.6	102	315	9.4	+ 62	+ 19	8.3	F 5											
1143	26 424	C 1349	555-6	4641-3	26 17.80	4812	235	27 10 13.8	099	310	9.5	- 5	+ 9	7.20	F 2											
1144	31 443	L 942	561		26 38.29	5640	274	31 37 48.4	081	316	10.0	- 66	- 90	8.8												
1145	31 444	L 944	564	4653	26 53.43	5660	275	31 42 2.2	068	317	9.7	- 20	- 15	7.68	G 0											
1146	27 393	C 1350	568		2 26 58.26	+3.4939	+0.0239	27 47 42.7	+16.064	-.312	10.3	- 24	- 69	8.8												
1147	27 394	C 1351	570	4664-5	27 0.66	5007	243	28 10 8.3	061	313	11.1	+ 9	- 5	8.0	A 0											
1148	25 417	C 1354			27 14.07	4605	224	25 51 3.4	050	309	11.4	- 19	0	9.4												
1149	28 431	C 1353		4672	27 15.32	5148	249	28 54 50.4	049	314	11.1	- 3	+ 7	8.2	G 5											
1150	24 364	C 1355	585		27 19.20	4473	218	25 4 31.1	045	309	10.7	+ 52	- 18	8.91	F 5											

1102. Number of observations 4.

1113. Burnham 1264.

1122. Σ 269.

1135, 1140.. Number of observations 6.

1139. Σ 271.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
1151	29 434	C 1356	593-4	4688-90	h m s	s	s	° ' "	"	"					
1152	25 420	C 1357			2 27 49.29	+3.5283	+0.0254	29 34 6.6	+16.019	-315	9.7	- 2	- 29	7.8	K 0
1153	30 409	L 954	598-9	4702	27 52.68	4626	224	25 53 22.7	16.016	311	10.3	- 6	- 14	9.1	
1154	26 425	C 1358			28 12.54	5566	267	31 0 46.7	15.998	319	9.9	- 29	- 38	7.37	K 2
1155	30 410	L 956		4713	28 26.81	4829	233	26 58 34.5	986	313	10.3	+ 29	- 5	8.6	A 3
					28 33.08	5608	269	31 11 10.6	980	319	9.9	- 40	- 58	7.96	G 5
1156	30 411	L 957	607-8		2 28 38.14	+3.5577	+0.0267	31 0 38.1	+15.976	-319	10.0	- 26	+ 4	7.7	K 0
1157	26 427	C 1361		4730	28 56.27	4827	232	26 53 45.6	960	314	10.7	+ 1	+ 4	9.2	
1158	31 453	L 962			29 5.57	5777	277	31 57 55.5	951	322	11.3	- 19	- 9	9.4	
1159	28 435	C 1362	620		29 13.51	5076	244	28 14 44.6	944	318	10.5	- 12	- 8	8.6	K 0
1160	24 368	B 777	629	4744	29 22.66	4440	215	24 37 14.9	936	313	10.7	+ 10	- 23	8.7	K 5
1161	24 369	B 779	635	4748	2 29 27.62	+3.4421	+0.0214	24 29 55.6	+15.933	-313	10.7	+ 63	- 4	8.26	F 0
1162	27 401	C 1364	631		29 28.12	5037	241	27 59 41.5	932	317	11.0	- 18	- 3	8.8	
1163	30 414	C 1367	645-6		30 2.00	5478	260	30 17 14.5	902	322	9.6	- 17	- 3	8.51	K 0
1164	30 415	L 972			30 12.69	5615	266	30 58 42.5	892	324	11.5	- 10	+ 2	9.2	A 2
1165	25 423	C 1369			30 18.53	4708	225	26 2 47.1	887	316	12.5	+ 14	- 48	8.9	
1166	28 437	C 1370	655	4767	2 30 24.71	+3.5214	+0.0249	28 49 44.3	+15.881	-319	11.5	+ 22	- 10	8.0	A 3
1167	30 417	L 976	659-60		30 33.21	5580	264	30 44 55.9	874	323	11.1	+ 9	- 63	7.9	G 0
1168	29 438	C 1371			30 43.54	5344	252	29 28 54.4	864	321	11.1	- 2	+ 18	8.0	K 0
1169	28 438	C 1372	663	4776	30 45.86	5256	248	29 0 40.3	863	320	11.5	- 11	+ 23	7.10	B 8
1170	26 432	C 1373		4785	30 55.18	4851	231	26 46 26.0	855	318	10.9	+ 14	- 13	7.9	G 5
1171	27 405	C 1374			2 31 0.36	+3.5107	+0.0242	28 10 16.3	+15.850	-321	12.9	- 15	- 5	8.5	
1172	26 433	C 1376	670	4794	31 2.77	4909	234	27 4 48.8	848	318	13.0	+ 2	+ 3	8.1	G 5
1173	30 418	L 980	674-5-6	4798	31 20.85	5693	270	31 12 56.1	831	326	10.9	- 30	- 13	6.16	K 0
1174	29 442	C 1379	682		31 33.82	5422	255	29 46 51.9	820	324	11.0	+ 21	+ 7	9.1	K 0
1175	24 375	B 787	692	4815	31 46.01	4428	211	24 15 24.4	809	316	10.2	+ 111*	- 9*	7.37	F 5
1176	24 376	B 788	693	4818	2 31 48.82	+3.4429	+0.0211	24 15 21.9	+15.806	-316	10.9	+ 102*	- 10*	6.57	F 5
1177	29 444	C 1381	689	4812	31 50.14	5474	257	30 1 0.1	805	324	10.5	- 8	+ 8	7.41	A 0
1178	26 437	C 1382	696	4825	32 1.25	4867	231	26 43 16.3	796	320	12.3	+ 22	- 63	8.9	K 0
1179	29 445	C 1383			32 15.86	5361	252	29 21 48.1	782	325	13.3	+ 4	- 31	9.4	G 0
1180	27 408	C 1384			32 21.91	5040	238	27 37 31.0	777	323	13.5	+ 35	+ 21	9.4	
1181	25 426	C 1385			2 32 29.57	+3.4764	+0.0226	26 5 1.2	+15.770	-320	12.7	+ 48	- 42	9.1	
1182	27 410	C 1386			32 31.16	5102	241	27 56 42.9	769	323	12.1	+ 22	- 24	8.7	F 5
1183	27 411	C 1388			32 44.67	5055	239	27 39 27.1	756	323	12.0	- 33	+ 39	8.8	F
1184	25 428	C 1389	711		32 45.79	4722	224	25 48 57.7	755	320	11.9	+ 1	+ 30	8.8	
1185	28 446	C 1391			33 3.96	5180	243	28 17 34.2	739	325	12.7	- 17	- 3	8.9	
1186	30 421	L 990	718-9-20	4855	2 33 9.82	+3.5591	+0.0261	30 26 12.3	+15.733	-329	9.99	- 367	- 404	7.21	G 0
1187	26 438	C 1392	723	4861	33 14.38	4969	234	27 7 32.8	730	323	12.0	+ 3	- 2	8.1	Mb
1188	25 430	C 1393	727		33 22.32	4742	224	25 51 2.2	723	322	12.3	+ 29	- 4	9.1	
1189	29 448	C 1394	726	4868	33 27.69	5544	258	30 9 8.4	717	328	11.9	+ 14	- 52	8.61	K 0
1190	25 431	C 1395			33 29.50	4798	226	26 8 46.3	715	322	11.1			9.2	
1191	27 412	C 1397			2 33 37.61	+3.5052	+0.0237	27 31 43.6	+15.707	-325	10.1	+ 18	+ 4	8.7	G 5
1192	25 432	C 1399	741	4898	34 7.51	4693	220	25 29 0.7	681	322	10.3	+ 6	- 9	8.9	F 0
1193	23 350	B 799	748		34 22.03	4450	210	24 4 29.9	668	319	11.3	+ 20	+ 16	9.1	F 5
1194	30 426	L 1003	751-2		34 39.72	5726	265	30 55 4.2	652	332	11.3	+ 22	- 10	9.4	A 2
1195	27 415	C 1403	759		34 55.62	5209	242	28 12 10.5	637	329	13.1	+ 77	- 99	9.5	
1196	29 453	C 1404		4914	2 34 58.41	+3.5439	+0.0251	29 24 34.3	+15.635	-330	10.5	+ 6	- 8	7.45	B 9
1197	29 452				34 58.44	5551	256	29 59 8.2	635	331	13.3			9.8	
1198	31 463	L 1006	760	4912	35 1.46	5939	276	31 56 0.7	633	335	12.3	+ 36	- 12	7.50	A 2
1199	29 454	C 1405			35 5.24	5435	250	29 22 12.0	629	330	14.7			9.8	
1200	26 443	C 1406	771	4921-2	35 25.24	4937	230	26 40 29.8	611	327	10.5	+ 53*	- 34*	5.38	A 2

1153. Burnham 1310.
1175, 1176. Burnham 1332.

1156, 1163, 1184, 1185. Number of observations 6.
1183. Number of observations 7.

1162, 1197. Number of observations 4.
1200. Σ 289.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 1900.1.	Dec. 1901.		
	°				h m s	s	s	° ' "	"	"					
1201	25 436	C 1407		4924	2 35 27.03	+3.4858	+0.226	26 14 9.0	+15.609	-0.326	10.1	+ 24	+ 14	8.1	F 5
1202	30 427	L 1009	766-7		35 27.99	5771	269	31 1 59.8	608	335	12.1	+ 6	- 19	8.3	K 0
1203	30 428	L 1010	773-4		35 37.58	5731	263	30 48 50.0	599	334	11.1	- 2	+ 18	Var.	Mc
1204	26 444	C 1409	789		35 52.52	4910	228	26 28 12.6	585	327	12.1	- 39	- 19	9.4	
1205	27 419	C 1410	788		35 54.36	5086	236	27 25 19.6	584	329	11.5	+ 14	+ 10	9.1	
1206	23 354	B 805			2 35 56.62	+3.4504	+0.210	24 12 11.7	+15.581	-0.322	12.3	- 39	- 15	9.2	F 5
1207	24 381	C 1412	792		35 57.56	4687	218	25 13 44.1	581	325	11.3	- 3	- 9	8.04	A 0
1208	27 420	C 1414			36 16.18	5140	237	27 39 39.3	564	331	11.0	+ 43	+ 18	9.1	
1209	26 447	C 1415	803	4957-8	36 25.50	4938	228	26 33 23.5	555	328	10.7	- 33	+ 6	8.1	A 0
1210	30 433	L 1012	806-7	4960	36 37.57	5706	261	30 33 8.0	544	334	9.5	+ 77	- 28	7.21	K 0
1211	25 437	C 1416			2 36 49.06	+3.4749	+0.220	25 28 23.2	+15.534	-0.326	10.9	- 21	- 21	8.7	F 5
1212	23 357	B 809	815		36 54.48	4512	210	24 8 2.5	529	325	11.3	+ 7	- 8	8.9	
1213	25 438	C 1418			37 13.30	4876	225	26 7 9.8	512	328	10.1	+ 27	- 46	8.9	F 0
1214	26 451	C 1419	836	5003	37 49.13	4982	229	26 37 16.4	478	330	9.3	+ 22	- 27	7.7	A 0
1215	31 469	L 1020	840-1-2		38 2.24	5917	268	31 24 40.2	466	340	12.1	+ 31	- 10	8.9	
1216	27 424	C 1420	845-7	5009-11-2-3	2 38 10.00	+3.5121	+0.233	27 19 29.1	+15.459	-0.333	12.5	+ 3*	- 13*	4.58	B 3
1217	26 452	C 1421			38 13.52	4977	227	26 32 41.0	455	331	11.9	- 14	+ 86	9.1	
1218	27 425	C 1422	856		38 31.24	5212	237	27 45 46.5	439	335	12.3	- 16	+ 46	9.2	
1219	31 471	L 1021	853	5015	38 31.40	6026	273	31 52 18.0	439	341	12.1	- 16	- 20	9.2	
1220	31 472	L 1022	855	5017	38 35.77	6051	274	31 59 21.1	435	341	10.5	+ 4	- 25	7.70	K 0
1221	25 441	C 1423		5029	2 38 37.62	+3.4749	+0.217	25 15 22.2	+15.433	-0.331	11.3	0	0	6.37	A 2
1222	26 454	C 1424	861		38 47.02	5013	229	26 40 16.8	424	332	11.5	- 37	- 23	8.9	
1223	30 436	L 1026	867		39 2.87	5792	261	30 39 30.8	409	340	13.5	+ 49	- 37	9.4	
1224	31 474	L 1029			39 8.19	5995	270	31 38 29.2	405	343	13.3	- 81	- 40	9.4	
1225	27 428	C 1425		5037	39 11.98	5204	236	27 38 4.1	401	335	12.6	+ 25	- 35	7.9	A 2
1226	28 455	C 1426			2 39 15.98	+3.5484	+0.248	29 4 52.6	+15.397	-0.338	13.3	- 20	- 9	7.06	F 0
1227					39 16.07	5484	248	29 4 50.0	397	338	10.8	- 20	- 9		
1228	30 438	L 1030	869-70		39 23.44	5893	265	31 6 36.9	391	343	12.0	+ 2	- 25	8.9	A 2
1229	28 456	C 1428	888		39 49.53	5380	241	28 28 37.4	365	339	10.7	+ 11	+ 3	8.5	K 0
1230	29 461	C 1429	896	5066	40 13.10	5678	255	29 56 24.1	344	342	11.9	- 12	0	8.8	G 5
1231	26 455	C 1430	899	5072	2 40 15.14	+3.5056	+0.229	26 43 29.3	+15.342	-0.336	11.9	+ 30	- 12	8.8	F 5
1232	23 368	B 823			40 15.94	4571	209	24 5 28.2	341	331	11.3, 12.7	+ 67	+ 16	9.4	G
1233	24 391	B 824	904		40 34.24	4654	211	24 30 48.0	324	332	10.5	- 16	- 27	9.2	F 0
1234	31 477	L 1038		5087	40 55.01	6039	270	31 37 0.7	304	347	9.9	- 28	- 28	8.6	K 0
1235	25 449	C 1436	911	5094	40 59.52	4802	217	25 16 29.1	300	335	9.8	+ 180	- 180	8.11	K 0
1236	26 458	C 1437	913	5103	2 41 5.93	+3.5066	+0.228	26 40 32.5	+15.294	-0.337	10.9	+ 6	- 46	8.7	F 0
1237	27 435	C 1438			41 7.77	5257	237	27 40 44.8	292	339	12.2	- 1	- 5	9.4	
1238	29 465	C 1440	914-6		41 12.69	5590	250	29 22 10.8	288	343	11.3	- 24	- 66	8.9	
1239	28 460	C 1441	923		41 23.72	5546	248	29 7 38.3	277	342	12.9	- 11	- 38	9.4	
1240	28 461	C 1444	928		41 35.01	5516	243	28 57 2.8	267	342	12.5	- 8	- 19	9.2	
1241	29 468	C 1445	931	5114	2 41 38.45	+3.5664	+0.253	29 41 10.2	+15.264	-0.343	12.3	+ 1	- 8	9.1	A 3
1242	30 444	L 1042	929		41 39.00	5935	264	31 1 6.0	263	347	10.7	+ 12	- 6	8.0	B 8
1243	27 438	C 1446			41 53.88	5255	236	27 34 28.7	249	341	12.5	+ 22	+ 27	9.4	
1244	26 461	C 1447	937	5123	41 56.44	5025	225	26 21 41.3	247	338	11.1	0	- 22	8.2	K 0
1245	29 471	C 1451	942-3	5133	42 17.11	5603	248	29 18 7.0	227	345	12.8	- 18	- 22	7.19	B 9
1246	30 445	L 1045	944		2 42 21.13	+3.5883	+0.261	30 40 36.9	+15.223	-0.347	11.9	- 9	- 20	8.06	G 0
1247	28 462	C 1452	950	5141-2-3	42 32.80	5525	245	28 52 25.6	212	344	12.2	+ 115*	- 125*	4.62	K 0
1248	24 393	B 834	955		42 33.92	4659	209	24 19 13.6	211	336	12.7	+ 44	- 1	9.2	G 5
1249	30 446	L 1047	949		42 33.97	5876	259	30 37 5.1	211	347	12.0	- 4	+ 22	8.6	F 5
1250	28 463	C 1453		5147	42 40.07	5487	243	28 40 8.2	205	344	11.9	+ 5	+ 6	8.7	B 8

1201. Burnham 1365. 1215. Burnham 12908. 1228. Burnham 12910. 1216. Number of observations 26. 1221. Burnham 1398.
 1226, 1227. Σ 300, magnitudes 8.1 and 7.9. 1227. Number of observations 1. 1245. Burnham 1422. 1246. Burnham 1424. 1247. Number of observations 24.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 1900.1.	Dec. 1900.1.		
1251	26 465	C 1454	963	5158	2 42 50.41	+3.5108	+0.0228	26 41 43.9	+15.196	-341	12.5, 11.8	+ 221	- 119	8.2	K 0
1252	30 447	L 1048	959-60		42 50.97	5925	261	30 49 7.2	195	348	12.1	+ 83	+ 20	8.5	F 8
1253	29 473	C 1455	964		42 55.66	5753	254	29 58 7.9	190	347	12.9	+ 17	- 28	8.5	G 5
1254	27 441	C 1456			43 2.14	5368	240	28 1 8.0	184	345	12.9	- 24	+ 40	9.4	
1255	30 448	L 1049	970-1		43 17.87	5922	261	30 44 39.1	169	349	11.4	+ 164	- 168	7.09	K 0
1256	24 394	C 1457	972		2 43 19.50	+3.4785	+0.0213	24 55 16.0	+15.167	-338	13.0	+ 15	- 22	8.7	K 2
1257	26 467	C 1458	973		43 21.61	5034	224	26 14 33.4	165	341	13.3	+ 32	- 74	9.1	
1258	25 452	C 1459		5177	43 26.74	4949	220	25 47 9.7	160	340	12.5	- 12	- 21	8.8	
1259	24 396	B 838	979		43 31.72	4769	213	24 48 47.4	156	338	11.5	+ 51*	- 6*	5.87	A 0
1260	24 395	B 839	980		43 31.73	4749	212	24 42 7.0	156	337	13.3	+ 16	- 46	8.3	G 5
1261	28 464	C 1461	978		2 43 36.57	+3.5566	+0.0245	28 57 9.5	+15.151	-346	13.7	+ 35	+ 6	9.4	
1262	31 483	L 1053		5180	43 45.69	6142	270	31 44 18.1	142	351	12.2	+ 29	- 33	8.8	A 2
1263	30 449	L 1058			44 16.82	5930	260	30 39 34.7	113	351	13.2	+ 1	+ 2	8.7	F 2
1264	26 468	C 1466			44 24.57	5083	224	26 22 51.4	105	343	12.2	- 26	+ 90	9.4	A 0
1265	29 480	C 1467			44 28.63	5723	251	29 37 29.1	101	349	13.4			9.8	
1266	26 470	C 1468	1007	5208	2 44 33.66	+3.5180	+0.0228	26 52 6.9	+15.096	-344	12.7	+ 25	- 11	9.4	
1267	29 481	C 1469	1004-5	5205	44 36.49	5834	255	30 9 15.3	094	350	10.5	+ 28	- 38	6.74	F 0
1268	26 471	C 1470	1009	5216-7-8	44 40.99	5186	228	26 53 24.1	090	344	12.4	+ 50*	- 113*	3.68	B 8
1269	24 400	C 1471	1018-9	5228	44 59.12	4826	214	24 57 40.0	072	341	10.9	+ 33	- 28	8.2	F 0
1270	31 490	L 1065	1014	5223	44 59.39	6146	269	31 36 4.7	072	354	12.5	+ 5	- 52	6.64	A 0
1271	31 491	L 1066			2 45 3.30	+3.6188	+0.0270	31 47 15.2	+15.069	-355	12.6	- 6	- 45	9.4	
1272	31 493	L 1068	1025		45 32.24	6245	272	31 59 32.5	040	355	10.5	+ 7	- 6	8.1	K 5
1273	29 484	C 1473	1029-30	5240	45 40.08	5812	252	29 54 56.6	033	352	10.5	+ 84	- 53	7.56	G 5
1274	29 485	C 1474	1031-2	5241	45 42.88	5859	255	30 8 17.9	15.030	352	10.1	+ 4	- 10	7.96	K 0
1275	26 474	C 1476			46 20.21	5098	223	26 14 34.2	14.994	346	11.4			8.5	B 8
1276	26 475	C 1478		5265	2 46 32.68	+3.5230	+0.0227	26 54 12.4	+14.982	-348	11.7	+ 7	+ 15	8.1	A 0
1277	29 488	C 1479	1044-5	5260-66	46 41.00	5818	251	29 49 23.9	974	354	11.7	+ 35	- 6	8.5	F 0
1278	29 489	C 1480	1047	5270-2	46 44.02	5888	253	30 9 14.6	971	354	12.5	+ 15	- 21	8.26	A 0
1279	29 491	C 1481			46 51.63	5740	248	29 25 4.1	963	353	12.5	+ 22	- 20	9.1	
1280	26 476	C 1482	1056	5277	46 52.10	5201	226	26 42 55.2	963	348	13.1	+ 29	0	8.7	A 5
1281	28 470	C 1483	1055		2 46 53.89	+3.5505	+0.0238	28 15 22.8	+14.961	-352	13.5	+ 33	- 62	9.1	
1282	28 471	C 1484	1057		46 56.05	5585	242	28 39 4.5	959	352	12.5	+ 101	- 44	8.9	K 0
1283	24 405	C 1486	1062		46 57.90	4842	212	24 49 44.5	957	345	12.9	+ 3	- 21	9.2	G 0
1284	29 492	C 1485	1058-9	5278-9	46 59.61	5824	250	29 48 43.0	955	354	11.5	- 6	+ 12	8.3	A 0
1285	29 493	C 1488	1066	5292-3	47 30.39	5829	250	29 46 32.0	926	355	11.9	- 11	- 39	8.9	K 2
1286	27 448	C 1489			2 47 32.11	+3.5411	+0.0234	27 42 27.3	+14.924	-351	11.1	+ 14	- 13	8.6	K 0
1287	28 473	C 1490	1070	5301	47 41.43	5693	250	29 5 32.5	916	353	11.9	+ 13	+ 6	8.5	A 0
1288	26 478	C 1492	1072		47 43.42	5307	230	27 9 41.8	914	350	12.9	+ 30	0	9.4	F 5
1289	25 456	C 1493	1076		47 52.05	4997	217	25 32 50.1	905	348	12.8	+ 15	- 38	9.1	F 0
1290	31 497	L 1076	1074	5307	47 57.99	6156	264	31 16 36.3	899	360	12.0	- 18	- 11	6.53	F 5
1291	29 494	C 1494			2 47 58.35	+3.5781	+0.0247	29 29 13.6	+14.899	-355	13.1	- 12	+ 3	9.2	G 5
1292	30 457	L 1077			48 4.16	6142	264	31 11 44.3	893	360	14.3	- 3	- 11	9.4	
1293	30 458	L 1080	1079		48 12.97	6028	257	30 38 41.8	884	359	14.1	- 9	+ 22	9.4	
1294	28 474	C 1496	1083	5314	48 22.67	5600	238	28 33 12.1	875	355	12.9	+ 38	+ 10	8.9	K 2
1295	31 499	L 1082	1084-5-6	5317-8	48 29.60	6183	264	31 19 45.5	868	360	12.1	+ 4	- 10	8.2	A 2
1296	31 498	L 1083			2 48 30.27	+3.6314	+0.0270	31 56 33.7	+14.868	-361	13.9	- 18	- 63	9.4	
1297	23 378	B 850	1092		48 37.03	4751	207	24 10 21.2	861	346	13.5	+ 26	+ 56	9.5	F 0
1298	29 495	C 1497			48 38.74	5850	250	29 44 28.5	859	356	12.6	+ 30	- 50	9.4	G 0
1299	31 500	L 1084	1089	5325	48 40.67	6326	270	31 58 11.0	857	361	11.6	+ 26	- 57	8.5	A 3
1300	26 480	C 1498	1094	5332	48 41.74	5175	223	26 22 51.0	856	351	10.7	0	+ 4	7.85	F 0

1256, 1274, 1283. Number of observations 6.
1290. Number of observations 8.

1267. Burnham 1449.
1292. Burnham 12915.

1268. Burnham 1450. Number of observations 18.
1293. Number of observations 4.

1295. Burnham 1476.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Procession.	Sec. Var.	Dec. 1910.0.	Procession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 0.001.		
1301	26 481	C 1499		5334	h m s	s	s	o ' "	"	"	13.1	+ 97	- 24	8.8	
1302	24 408	B 852			2 48 54.33	+3.5221	+0.225	26 35 38.8	+14.844	-351	10.8	- 10	- 23	9.1	G 0
1303	30 463	L 1090	1120-1		49 16.19	4781	208	24 15 57.4	823	347	10.1	- 49	- 39	9.4	
1304	26 482	C 1503	1127	5361	49 59.24	6166	260	31 4 13.3	780	364	11.4	+ 58	+ 4	8.1	G 5
1305	25 459	C 1505			50 1.34	5242	224	26 34 33.9	778	354	12.3	- 8	- 13	9.1	
1306	27 455	C 1504	1128-9	5362	50 1.81	5167	221	26 11 39.6	778	353	10.7	- 6	- 18	6.72	B 9
1307		C 1506			2 50 2.46	+3.5397	+0.230	27 21 27.0	+14.778	-355	13.5			9.4	
1308	27 456	C 1507		5363	50 3.21	5106	218	25 52 52.2	777	353	12.1	+ 4	- 22	8.5	A 2
1309	24 410	B 856	1135		50 5.15	5483	233	27 46 49.6	775	356	12.2	+ 16	- 36	8.9	
1310	29 500	C 1509			50 5.97	4817	207	24 22 19.0	774	350	12.6	+ 48	+ 12	8.71	F 8
1311	25 460	C 1510			50 13.70	5965	252	30 6 10.2	766	357	12.9	- 6	+ 6	9.4	
1312	30 464	L 1095	1133	5365-6	2 50 15.09	+3.5096	+0.218	25 48 18.9	+14.765	-353	11.1	- 3	- 19	7.24	Ma
1313	26 484	C 1512	1137	5376	50 15.41	6088	257	30 40 43.0	765	362	11.8	+ 194	- 165	7.45	G 5
1314	30 465	L 1097	1103-38-9	5375	50 19.27	5236	224	26 30 46.9	761	354	12.3	+ 25	- 58	8.0	F 5
1315	26 485	C 1514			50 26.80	6208	261	31 12 56.7	753	364	13.5	+ 39	+ 21	9.4	
1316	27 457	C 1515		5378	50 30.70	5255	224	26 35 21.4	749	354	12.5	- 24	- 10	8.1	A 2
1317	24 412	B 859	1145		2 50 32.55	+3.5517	+0.234	27 53 35.5	+14.747	-357	12.4	- 4	- 21	9.2	
1318	25 465	C 1516	1148	5388	50 35.39	4823	207	24 21 19.7	745	351	12.2	+ 7	- 26	8.3	G 5
1319	31 505	L 1098	1146		50 48.03	5092	217	25 43 38.1	732	354	12.3	- 19	- 16	9.4	
1320	28 477	C 1517	1149		50 50.49	6311	265	31 38 20.8	730	365	11.8	+ 22	+ 6	6.52	K 0
1321	31 507	L 1100	1151	5388	50 53.33	5709	242	28 48 2.1	727	360	13.0	+ 26	- 4	8.7	F 0
1322	30 466	L 1101	1153	5393-4	2 51 5.74	+3.6306	+0.264	31 35 15.8	+14.714	-365	13.1	+ 61	- 3	8.1	K 0
1323	29 501	C 1518	1160		51 6.23	6075	256	30 31 1.6	714	363	13.9	+ 23	+ 17	9.5	
1324	31 509	L 1105	1162	5415-6-7	51 35.26	6000	252	30 6 26.3	686	362	9.9, 10.9	+ 8*	- 37*	5.18	A 0 p
1325	25 467	C 1520	1168		51 49.28	6322	264	31 34 20.3	672	367	9.4	- 13	- 2	8.8	G 0
1326	29 502	C 1521	1171-2	5425	51 59.14	5208	220	26 11 39.6	662	356	11.5	+ 17	- 39	8.9	G 5
1327	29 503	C 1523	1178-9-80	5430	2 52 10.76	+3.5854	+0.245	29 20 54.2	+14.650	-363	12.2	+ 164	- 59	9.4	
1328	30 469	L 1109	1184	5435	52 21.75	5849	245	29 18 2.7	639	364	10.2	+ 31	+ 1	7.9	K 0
1329	31 511	L 1110	1187		52 34.42	6250	260	31 9 19.9	627	367	11.7	- 21	+ 3	9.1	
1330	26 489	C 1527			52 41.95	6362	265	31 39 22.0	619	369	12.5	+ 15	+ 49	9.5	A 2
1331	31 513	L 1112			52 51.58	5382	226	26 58 11.3	609	359	12.1	- 40	- 23	9.4	
1332	26 491	C 1528			2 52 54.45	+3.6405	+0.267	31 49 27.8	+14.607	-370	10.3	- 10	- 37	9.2	G 0
1333	30 471	L 1114	1193		52 56.19	5385	226	26 58 37.5	605	359	13.0	+ 1	- 12	9.4	
1334	26 493	C 1530			53 4.00	6228	257	30 59 47.2	597	368	10.3	- 21	+ 141	8.5	K 0
1335	31 517	L 1119	1207		53 34.04	5285	222	26 24 40.1	567	359	13.3	+ 9	- 23	9.4	
1336	28 479	C 1532			53 56.15	6443	266	31 52 17.0	545	372	13.7	+ 12	- 31	10.2	
1337	24 418	C 1533	1220		2 53 58.33	+3.5737	+0.234	28 35 19.8	+14.543	-366	13.0	- 4	+ 1	8.96	A 0
1338	26 494	C 1534	1222	5482	53 59.30	5035	212	25 6 24.3	542	357	11.7	- 31	- 36	8.8	F 8
1339	30 474	C 1537	1228-9	5489	54 3.81	5405	225	26 57 30.0	537	362	11.5	+ 23	- 20	8.26	G 5
1340	26 495	C 1538	1231	5498	54 28.69	6101	251	30 14 53.4	513	370	11.1	+ 10	- 5	8.8	F 5
1341	26 496	C 1539	1235		54 31.36	5412	225	26 56 36.6	510	362	11.4	+ 27	+ 5	8.6	K 2
1342	30 477	L 1128	1239-40	5501-2	2 54 38.91	+3.5331	+0.222	26 31 50.8	+14.502	-362	11.3	+ 35	- 33	7.40	F 5
1343	24 419	B 871	1246	5512	54 49.73	6223	256	30 46 5.1	491	371	11.8	- 17	- 16	8.9	A 2
1344	29 508	C 1541	1243-4	5508-9	54 55.05	5011	209	24 53 16.6	486	359	11.7	- 12	- 32	8.61	K 0
1345	24 421	B 873	1259		55 0.98	6107	251	30 12 43.2	480	370	11.5	+ 2	+ 5	9.5	
1346	31 523	L 1135			55 30.17	4952	207	24 31 50.1	450	358	11.1	+ 25	- 14	9.4	
1347	31 524	L 1136			2 55 37.99	+3.6463	+0.264	31 45 42.6	+14.442	-375	10.3	- 31	+ 18	8.8	
1348	24 423	B 876	1271	5551	55 46.82	6431	263	31 35 55.1	433	376	11.9	- 19	- 27	8.3	F 2
1349	31 527	L 1138			56 12.22	5013	208	24 46 15.2	408	361	12.9	- 6	- 5	9.4	
1350	28 482	C 1547			56 17.44	6472	264	31 43 32.5	402	376	13.7	- 12	+ 16	10.0	
					56 18.83	5847	239	28 51 16.5	401	369					

1304, 1307, 1332. Number of observations 6.

1306. Burnham 1485.

1313. Σ 326.

1317, 1325, 1337. Number of observations 4.

1340. Burnham 1516.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	s	° ' "	"	"		+	-		
1351	24 425	B 880	1278		2 56 22.92	+3.5025	+0.209	24 48 47.9	+14.397	-362	12.5	+ 46	- 15	9.4	
1352	31 528	L 1140	1280-1		56 35.56	6408	261	31 24 32.2	383	376	12.1	+ 2	- 6	9.4	
1353	25 477	C 1550	1285	5559	56 35.75	5287	218	26 6 24.6	383	364	10.1	- 9*	- 7*	5.91	A 2
1354	30 479	L 1141			56 43.03	6240	252	30 37 53.2	376	374	12.0	+ 5	+ 7	9.1	
1355	29 512	C 1551	1288		56 46.65	6131	248	30 7 41.0	372	373	12.5	+ 12	- 3	9.4	
1356	26 503	C 1553	1294	5572	2 57 5.56	+3.5328	+0.218	26 15 31.9	+14.353	-366	9.3	+ 179*	- 168*	6.72	G 0
1357	27 468	C 1558	1314	5599	58 7.49	5691	231	27 55 2.1	291	371	10.1	+ 32	- 8	6.34	A 5
1358	27 469	C 1559	1317-8	5605-7	58 9.53	5546	226	27 13 1.5	288	370	9.5	- 24	- 44	8.1	K 0
1359	29 517	C 1560	1316-9	5603-4	58 15.28	6174	249	30 9 31.3	283	376	10.7	+ 5	- 26	8.56	K 0
1360	27 471	C 1562	1327	5620	58 36.84	5752	232	28 9 25.3	260	373	10.3	- 12	- 20	8.6	B 9
1361	31 531	L 1152	1329	5623	2 58 49.16	+3.6507	+0.262	31 35 37.4	+14.248	-381	9.9	- 5	- 19	8.1	A 0
1362	30 482	L 1154	1331	5634-5	59 7.99	6372	256	30 57 32.8	228	379	10.8	+ 21	- 19	8.9	A 0
1363	30 484	L 1156	1345	5645-6	59 27.54	6320	253	30 41 18.3	208	379	10.5	- 5	+ 3	8.7	K 0
1364	28 487	C 1563	1346	5656	59 30.69	5971	239	29 5 11.8	205	376	11.1	- 3	- 15	9.4	
1365	29 518	C 1564			59 41.61	6140	245	29 50 41.9	194	378	11.9	+ 45	- 38	9.4	G 5
1366	27 474	C 1565	1350		2 59 43.67	+3.5652	+0.226	27 33 46.1	+14.191	-374	6.8	- 1	- 38	8.7	F 5
1367					59 43.79	5652	226	27 33 45.5	191	374	13.6	- 1	- 38		
1368					59 43.76	5652	226	27 33 44.7	191	374	10.9	- 1	- 38		
1369	31 534	L 1158	1351	5660	59 52.81	6568	262	31 44 48.6	182	382	12.1	+ 29	- 53	8.15	G 0
1370	28 488	C 1567	1352-3-4	5662	59 54.31	6003	240	29 11 31.6	181	377	10.8	+ 73	- 65	8.0	F 5
1371	30 486	L 1159		5667-8	3 0 9.52	+3.6288	+0.249	30 28 1.4	+14.164	-381	13.3	- 2	+ 2	8.6	K 0
1372	24 431	B 895	1369	5678-9	0 9.75	5116	208	24 54 20.3	164	369	11.5	+ 3*	- 14*	6.11	B 8
1373	25 484	C 1569	1370		0 12.75	5241	213	25 31 9.0	161	369	13.3	+ 17	- 29	8.6	A 5
1374	27 477	C 1568	1368		0 13.28	5653	227	27 31 13.0	161	372	13.7	- 37	+ 3	8.7	A 0
1375	25 485	C 1571			0 14.48	5313	215	25 52 15.2	160	370	13.9	+ 3	- 22	9.4	
1376	31 536	L 1160	1364	5670	3 0 15.11	+3.6563	+0.261	31 40 56.0	+14.159	-383	11.9	+ 57	- 37	8.0	G 5
1377	29 519	C 1570	1366-7	5675-6	0 17.31	6227	248	30 10 38.8	157	380	13.9	+ 24	- 15	8.51	K 0
1378	27 478	C 1572	1374-5		0 26.10	5620	225	27 20 18.5	148	372	12.5	+ 51	- 57	8.6	G 0
1379	24 432	B 900	1382		0 40.33	5125	208	24 54 17.2	133	369	12.1	- 4	+ 7	9.5	A 2
1380	24 433	C 1573		5697	0 48.17	5163	209	25 4 57.4	125	369	11.7	- 42	- 43	8.71	F 8
1381	25 487	C 1574			3 0 54.34	+3.5289	+0.213	25 41 28.9	+14.119	-371	11.9	+ 44	+ 3	9.2	
1382	31 539	L 1169			1 1.90	6635	263	31 54 28.5	111	385	12.5	+ 27	- 49	9.4	
1383	31 540	L 1172			1 11.56	6582	260	31 39 26.3	100	384	12.1	- 17	+ 4	9.2	A 2
1384	29 522	C 1575	1392-3	5707-9	1 24.33	6254	248	30 10 49.5	088	382	9.1	+ 40	- 62	7.11	A 5
1385	26 509				1 44.40	5496	219	26 36 57.5	067	374	13.6			10.7	
1386	31 542	L 1179	1406		3 1 51.24	+3.6550	+0.258	31 26 48.4	+14.060	-386	11.1	- 37	- 2	9.4	A
1387	28 493	C 1576	1408	5720	1 52.36	5957	235	28 46 35.6	059	380	9.1	- 14	+ 2	7.60	B 9
1388	24 437	C 1578	1420-1		2 32.65	5223	209	25 12 29.8	14.016	374	10.8	- 21	- 99	8.11	F 8
1389	24 438	B 911	1433		2 48.73	5030	203	24 13 47.7	13.999	371	11.1	- 6	- 10	9.1	
1390	25 495	C 1581		5761	3 7.57	5398	214	26 0 22.2	980	376	10.76	- 128	- 836	8.0	F 2
1391	25 496	C 1582			3 3 8.41	+3.5319	+0.212	25 37 28.9	+13.980	-374	11.3	- 22	+ 11	8.7	F 5
1392	31 546	L 1188			3 17.71	6683	260	31 51 51.4	969	389	11.7	- 35	- 12	9.2	
1393	25 497	C 1584	1442-3-4		3 22.54	5247	208	25 14 51.4	964	374	10.2	- 4	- 59	8.36	G 5
1394	29 528	C 1583			3 25.52	6232	243	29 51 55.4	961	385	12.2			10.7	
1395	26 511	C 1585			3 31.44	5621	221	27 2 5.5	956	377	13.9	+ 46	+ 1	10.7	
1396	24 441	C 1586	1450	5777	3 3 33.37	+3.5205	+0.207	25 1 33.5	+13.953	-374	10.9	- 27	- 103	8.7	F 2
1397	30 493	L 1192			4 4.08	6505	253	31 0 33.2	921	389	12.7	+ 3	+ 21	9.4	
1398	24 443	B 918			4 8.81	5140	205	24 39 10.1	916	374	12.9	+ 5	- 10	9.8	
1399	28 499	C 1587	1460	5789-90	4 11.61	6000	234	28 44 2.0	913	384	10.7	+ 22*	- 25*	5.60	B 9
1400	29 529	C 1588	1462	5792	4 16.47	6261	243	29 54 23.7	908	387	12.7	+ 37	- 39	9.4	

1360. Σ 339. 1366-68. Σ 342, magnitudes 8.8 and 8.3. 1366, 1368. Number of observations 1. 1367. Number of observations 3.
 1369, 1380, 1388. Number of observations 6. 1372. Σ 346. 1389. Burnham 1575.
 1390. The declination in the Cambridge Catalogue corresponding to the epoch 75.8 should be 38.5; the epoch corresponding to the Catalogue place is 77.0.
 Apparently two observations were bracketed in declination and the epoch was not altered, and owing to the proper motion in declination this is important.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
1401	30 494	L 1194			3 4 19.42	+3.6522	+0.0253	31 3 19.1	+13.905	-0.389	11.9	+ 42	+ 9	9.1	A 5
1402	25 500	C 1589	1468		4 25.18	5412	213	25 57 7.1	899	378	11.0	- 11	+ 13	9.1	
1403	27 480	C 1592	1474	5808-9	4 46.06	5741	224	27 28 42.5	877	380	10.4	+ 1	- 26	6.38	A 0
1404	29 531	C 1593	1475-6	5804-6	4 49.77	6144	239	29 19 25.4	873	387	12.7	+ 5	- 3	9.1	A 3
1405	24 448	B 920	1481	5820	4 51.48	5086	201	24 19 16.1	872	376	12.5	+ 6	+ 8	8.9	K 0
1406	24 449	C 1594	1482	5822	3 4 53.43	+3.5212	+0.0206	24 56 22.5	+13.869	-0.377	11.3	- 18	- 24	8.9	G 0
1407	26 516	C 1595	7-8	5831	5 6.14	5551	216	26 33 9.0	856	380	11.9	+ 3	+ 91	6.12	K 0
1408	31 553	L 1197	1461		5 20.24	6740	260	31 53 7.5	841	393	12.3	+ 31	- 49	7.38	K 0
1409	24 450	B 927	35		5 47.95	5086	201	24 14 15.1	811	376	12.7	- 6	- 32	9.2	
1410	31 556	L 1201			5 56.77	6682	256	31 34 34.8	802	394	13.1	- 7	- 47	9.4	
1411	31 557	L 1202			3 6 0.75	+3.6776	+0.0260	31 58 19.5	+13.798	-0.395	13.1	+ 5	- 23	9.1	
1412	26 519	C 1597	39	5863	6 9.62	5563	216	26 30 20.5	788	382	13.3	0	+ 10	8.6	K 2
1413	31 559	L 1203			6 11.94	6737	258	31 46 59.3	786	395	12.5	+ 9	+ 15	8.6	
1414	29 534	C 1598	48	5872-3	6 30.46	6220	239	29 29 32.0	767	390	12.1	- 1	- 26	8.1	A 2
1415	30 502	L 1205			6 40.24	6583	252	31 4 48.9	756	394	13.5	- 2	+ 10	9.4	A
1416	29 535	C 1599	52	5882-3	3 6 48.53	+3.6224	+0.0239	29 28 54.5	+13.747	-0.390	13.1	+ 13	- 92	9.4	G 5
1417	26 523	C 1600	55-57	5889-90	6 52.29	5664	220	26 55 5.3	744	384	12.3	+ 6*	- 17*	5.65	A 0 p
1418	26 525	C 1601	62		7 5.40	5720	220	27 9 19.6	730	383	14.5	+ 36	- 38	10.0	
1419	30 503	L 1210		5903	7 27.21	6473	245	30 30 55.9	706	394	10.6	+ 25	+ 22	8.9	
1420	31 565	L 1212	76		7 39.14	6810	259	31 56 38.1	694	399	11.1	+ 8	- 15	8.5	F 8
1421	30 505	L 1213	77	5912-28	3 7 40.68	+3.6528	+0.0248	30 43 54.6	+13.692	-0.394	11.3	- 4	- 36	7.30	K 2
1422	24 451	C 1602	87-8-9	5892	7 49.95	5316	207	25 10 39.7	682	381	10.7	- 1	- 2	8.61	A 2
1423	25 510	C 1603	94-5	5929	8 1.46	5504	212	26 3 16.9	670	384	12.9	+ 29	- 14	8.5	A 2
1424	28 506	C 1604			8 7.29	6047	230	28 30 10.3	664	391	13.3	+ 9	+ 17	10.7	
1425	31 567	L 1216			8 8.31	6684	253	31 21 21.0	663	397	11.9	+ 19	- 77	9.2	
1426	28 507	C 1605	98		3 8 10.99	+3.6124	+0.0235	28 53 44.6	+13.660	-0.391	12.3	+ 3	+ 12	8.7	A 2
1427	30 507	L 1217			8 22.12	6548	248	30 44 49.9	648	396	13.5	- 20	+ 12	9.2	
1428	27 485	B 958			9 5.78	5846	223	27 32 49.4	601	387	13.7			10.7	
1429	28 508	C 1606	114		9 11.96	6019	228	28 19 36.8	594	393	12.9	+ 17	+ 23	9.4	
1430	30 511	L 1222	123	5965-6	9 27.35	6500	245	30 25 50.6	578	397	10.8	+ 2	- 10	8.7	
1431	24 454	B 949			3 9 32.22	+3.5226	+0.0201	24 35 36.4	+13.573	-0.384	11.7	- 35	- 23	8.9	G 5
1432	28 509	C 1607	133-4	5976	9 45.05	6117	231	28 42 54.0	559	394	11.2	0	- 4	8.6	K 2
1433	30 512	C 1608	136	5977-8	9 51.42	6461	243	30 13 20.1	553	397	10.2	- 30*	- 5*	5.53	A 0
1434	25 515	C 1609	138		9 55.12	5561	212	26 9 2.1	548	387	11.3	- 1	- 4	8.1	A 0
1435	26 530	C 1611	146	5988	10 12.53	5657	215	26 34 14.1	529	389	10.9	+ 28	+ 2	8.2	A 5
1436	24 457	B 955		5994	3 10 22.51	+3.5162	+0.0197	24 12 37.3	+13.518	-0.384	11.0	+ 5	- 19	8.6	A 0
1437	31 575	L 1233	156		10 44.86	6803	253	31 35 37.7	494	402	12.3	+ 21	- 21	9.4	
1438	23 425	B 958	161		10 50.34	5133	196	24 1 56.9	489	385	12.5	- 38	- 45	8.8	
1439	24 459	C 1612			10 54.24	5349	205	25 3 45.6	485	387	12.9	- 16	+ 23	9.2	
1440	24 460	C 1614			11 0.63	5358	204	25 5 44.5	478	387	13.5	- 22	+ 20	9.4	
1441	31 576	L 1235	160		3 11 2.28	+3.6874	+0.0255	31 51 13.7	+13.476	-0.404	12.1	- 5	- 100	6.05	K 0
1442	25 517	C 1616	166	6013	11 11.69	5527	209	25 52 36.3	465	390	13.2	+ 20	+ 5	8.5	A 2
1443	24 461	C 1618	168	6016	11 16.62	5378	204	25 9 55.1	460	388	13.3	+ 46	- 27	8.9	
1444	28 511	C 1621		6025	11 37.90	6093	227	28 25 39.6	437	397	11.9	- 6	- 12	8.3	A 0
1445	27 488	C 1622	176		11 38.22	6032	224	28 9 13.6	437	397	11.9	+ 66	- 48	8.8	F 8
1446	25 521	C 1623	175	6030	3 11 41.83	+3.5405	+0.0204	25 15 22.0	+13.433	-0.389	11.5	+ 23	- 12	8.26	F 5
1447	30 518	L 1238		6029	11 52.72	6577	243	30 31 7.0	421	401	12.7	- 10	- 5	9.2	
1448	26 534	C 1624	185		12 9.50	5694	214	26 33 51.1	403	392	11.9	+ 13	+ 2	8.8	K 0
1449	30 520	L 1240	183	6040-1	12 9.90	6648	245	30 47 53.0	403	404	10.6	- 91	- 59	6.53	G 0
1450	28 513	C 1628	193-4		12 26.45	6266	232	29 7 6.6	385	399	12.9	+ 33	- 90	9.2	G 5

1436. Number of observations 4.

1439. Number of observations 7.

No.	B.D.	A.G.C.	W.B. (z).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 1900.1.	Dec. 1900.1.		
	°				h m s	s	s	° ' "	"	"					
1451	30 522	L 1243		6052-3	3 12 41.48	+3.6591	+0.242	30 29 56.9	+13.369	-403	12.9	+ 6	- 6	9.4	A 2
1452	26 535	C 1629		6062	12 42.09	5818	218	27 5 11.5	368	392	13.0	- 14	- 23	9.1	F 0
1453	24 464	B 973		6071	12 45.85	5275	199	24 32 58.0	363	389	11.5	- 2	- 48	7.61	B 9
1454	30 524	L 1245		6063-4	12 52.50	6644	244	30 42 24.9	356	404	12.1	- 10	- 9	8.3	G 0
1455	29 542	C 1632	202		12 52.83	6480	238	30 0 10.1	356	403	11.9	- 38	- 89	9.4	G 0
1456	25 528	C 1633			3 12 56.46	+3.5606	+0.208	26 5 18.8	+13.353	-393	13.9	- 2	- 15	9.8	
1457	26 537	C 1634	205		12 57.49	5713	213	26 34 57.2	352	394	12.8	+ 86	- 72	9.1	
1458	28 514	C 1635		6076	13 0.88	6113	227	28 23 3.9	348	400	12.5	- 13	0	8.9	A 2
1459	31 579	L 1246	204		13 2.70	6891	254	31 43 34.8	345	408	12.5	- 26	- 47	8.5	
1460	27 490	C 1637	210		13 11.77	5876	218	27 18 20.0	335	394	13.8	- 11	- 3	9.8	
1461	26 539	C 1641	217	6097	3 13 37.80	+3.5679	+0.211	26 21 58.9	+13.307	-395	10.5	+ 16	- 18	8.7	
1462	27 492	C 1644	227	6108	14 13.91	5877	217	27 12 56.0	268	396	10.7	+ 8	- 8	7.8	A 0
1463	31 580	L 1254	230		14 32.66	6919	251	31 41 42.6	247	409	11.6	- 1	+ 10	9.2	
1464	26 540	C 1646	234	6113	14 33.05	5780	213	26 44 46.8	247	397	10.3	- 16*	- 78*	5.94	G 5
1465	30 525	L 1257	233		14 37.95	6697	243	30 45 37.2	241	407	12.5	+ 78	- 10	9.1	
1466	27 493	C 1648	240		3 14 46.66	+3.6062	+0.222	27 59 51.4	+13.232	-398	12.7	+ 3	- 17	9.4	F 8
1467	28 516	C 1649	243	6119-20-1	14 53.37	6229	227	28 43 21.9	225	403	10.9	- 2*	- 27*	4.72	K 5
1468	29 545	C 1650			14 57.88	6487	236	29 50 14.3	219	406	11.9	+ 121	- 82	9.4	
1469	30 526	L 1260		6122	15 0.61	6650	241	30 31 32.2	216	407	12.3	+ 37	+ 11	9.1	
1470	25 536	C 1651	248		15 5.28	5484	202	25 20 20.5	212	395	11.8	+ 15*	- 93*	6.41	K 0
1471	24 471	B 985		6130	3 15 8.91	+3.5247	+0.195	24 13 4.3	+13.207	-392	12.3	- 16	- 11	8.0	K 0
1472	28 517	C 1652			15 13.08	6186	225	28 30 9.6	203	403	12.5	- 43	- 67	8.9	G 0
1473	26 542	C 1653	252	6131	15 15.61	5762	211	26 36 6.8	200	398	12.9	- 25	+ 13	8.0	G 5
1474	27 494	C 1654	253		15 19.93	6099	223	28 6 35.5	195	404	13.0	+ 6	+ 2	9.4	F 5
1475	30 530	L 1264		6144-5	15 48.37	6648	240	30 26 33.1	165	408	11.9	+ 1	- 22	8.5	A 2
1476	29 549	C 1656	265	6148	3 15 49.91	+3.6533	+0.236	29 57 12.6	+13.162	-407	12.1	- 5	- 34	8.6	K 0
1477	26 543	C 1658	270		16 2.55	5858	214	26 58 4.3	148	400	13.2	+ 24	- 33	9.1	F 8
1478	31 585	L 1268	275	6163	16 18.66	6873	247	31 19 59.9	130	411	12.1	- 4	- 4	7.9	F 5
1479	27 500	C 1662	285-6	6176-7-8	16 47.49	5943	216	27 17 5.3	100	400	12.3	+ 12*	- 12*	5.64	K 0
1480	30 532	L 1271	279	6173	16 45.87	6824	245	31 5 28.2	101	411	10.9	+ 9	+ 17	7.55	K 0
1481	31 587	L 1272	281		3 16 49.83	+3.6874	+0.247	31 17 11.7	+13.096	-412	12.0	- 18	- 25	8.9	
1482	31 588	L 1273			16 56.76	7039	252	31 55 4.4	089	415	11.3	- 5	- 10	7.7	Ma
1483	24 476	B 998		6198	17 17.08	5355	196	24 33 9.0	066	396	11.1	- 21	- 18	8.7	
1484	29 552	C 1666	293		17 22.51	6460	231	29 29 49.3	060	408	10.9	+ 28	- 2	7.8	A 2
1485		C 1667	295		17 23.30	6460	231	29 29 47.1	060	408	10.9	+ 28	- 2		
1486	27 501	C 1668	299	6202-3	3 17 33.94	+3.5976	+0.215	27 21 54.9	+13.048	-402	11.1	+ 7	- 43	8.7	A 5
1487	26 547	C 1669		6206	17 35.33	5744	208	26 19 4.9	047	401	11.2	+ 26	0	8.7	
1488	26 548	C 1670		6210	17 41.88	5804	210	26 34 48.3	039	402	11.0	- 13	- 5	7.28	A 2
1489	31 592	L 1278	301		17 52.21	6987	249	31 39 17.7	028	415	11.8	+ 43	- 42	9.4	
1490	30 535	L 1279		6208-9	17 52.08	6747	240	30 39 49.2	028	412	10.6	+ 11	- 42	7.46	K 0
1491	29 555	C 1672	305	6215-6	3 17 59.45	+3.6620	+0.236	30 7 6.8	+13.020	-411	11.6	+ 6	- 21	8.41	A 0
1492	26 550	C 1673	309-10	6222	18 8.34	5924	214	27 4 53.8	13.010	402	12.5, 11.1	+ 7	- 33	8.5	A 2
1493	29 556	C 1674			18 23.63	6500	232	29 34 18.1	12.992	411	11.6	- 42	- 1	9.4	
1494	24 480	B 1004	328		18 58.15	5368	195	24 28 43.8	954	399	12.2, 11.0	+ 35	+ 4	9.4	
1495	24 481	B 1005	330	6245	18 59.39	5353	195	24 24 21.3	953	399	12.6, 12.2	+ 10*	- 57*	5.66	K 0
1496	30 538	L 1290	327		3 19 6.26	+3.6878	+0.243	31 5 20.3	+12.946	-417	13.1	+ 19	+ 16	8.7	A 2
1497	27 505	C 1677	332		19 10.72	6066	218	27 37 23.0	940	404	12.9	+ 13	+ 25	9.8	
1498	28 526	C 1679	334	6254-5	19 21.75	6233	222	28 20 7.6	928	411	11.0	+ 7	- 55	6.99	A 0
1499	28 529	C 1680	344	6258-60	19 34.41	6255	222	28 23 55.3	914	411	11.7	0	+ 8	9.4	
1500	24 484	C 1682	351		19 41.24	5520	199	25 7 15.1	907	401	11.5	+ 15	- 23	9.5	

1457. Number of observations 7.

1484-5. Σ 379, magnitudes 8.5 and 8.5.

1495. Number of observations 9.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.			Precession.	Sec. Var.	Dec. 1910.0.			Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
					h	m	s			°	'	"				°	'			"	R.A. "0001.	Dec. "001.
1501	31 597	L 1297	349-50	6265-6	3 19 50.05	+3.6973	+0.0246	31 24 49.5	+12.897	-418	9.0	+ 1 - 6	7.49	K 0					
1502	25 543	C 1683			20 3.60	5639	203	25 38 5.9	881	403	12.1	- 3 0	9.4						
1503	24 485	B 1013	360		20 7.17	5359	194	24 20 42.8	878	400	12.5	+ 18 - 77	8.8						
1504	30 540	L 1300	358		20 18.01	6790	239	30 36 54.3	865	417	11.7	- 4 + 9	9.1						
1505	25 545	C 1684	364	6285	20 26.08	5628	202	25 33 17.9	856	404	11.5	+ 61 - 30	8.8	F 5					
1506	31 599	L 1304	369	6294-5	3 20 56.48	+3.7021	+0.0246	31 30 20.9	+12.823	-420	10.3	- 31 - 8	7.84	A 3					
1507	28 532	C 1687	370	6302-3	21 7.63	6284	221	28 24 7.8	809	414	10.7	+ 24 - 98	6.51	G 5					
1508	29 560	C 1688	372	6305	21 11.35	6568	230	29 36 33.1	806	416	11.9	+ 10 - 16	9.5						
1509	24 488	C 1690	383		21 34.63	5531	197	25 1 16.0	779	405	10.9	- 35 - 9	8.9						
1510	24 490	B 1019	384	6322	21 39.69	5421	194	24 30 34.6	773	403	9.0	+ 21 - 15	8.9	K 5					
1511	30 544	L 1316	389-90		3 22 7.85	+3.6945	+0.0241	31 5 1.0	+12.742	-422	12.3	- 75 - 31	9.1						
1512	25 547	C 1691			22 10.56	5666	200	25 35 13.1	738	407	12.7	+ 12 - 15	9.4						
1513	27 509	C 1692	394		22 12.72	6083	213	27 26 17.8	736	410	12.5	+ 17 - 14	9.5						
1514	31 605	L 1321			22 40.08	7084	245	31 36 4.8	706	423	10.0	+ 5 - 26	8.7						
1515	29 565	C 1697	405	6353	22 50.70	6574	227	29 29 12.6	693	418	13.6	- 8 - 22	9.5						
1516	25 550	C 1698			3 22 54.70	+3.5800	+0.0204	26 7 42.2	+12.689	-409	11.3	- 25 + 3	9.4						
1517	25 551	C 1699	410	6362-3	22 58.57	5763	203	25 57 33.8	684	409	9.2	- 15 - 61	8.1	K 0					
1518	28 535	C 1700	414	6365-6	23 10.13	6406	222	28 45 2.5	672	417	11.0	+ 28 - 64	8.7	F 8					
1519	29 566	C 1701		6370-1	23 15.22	6721	231	30 3 49.6	666	421	9.5	- 19 - 3	7.06	B 3					
1520	25 554	C 1703	418	6383	23 33.66	5782	202	25 59 54.1	645	410	10.1	+ 16 - 54	8.0	F 0					
1521	29 568	C 1708	435	6405-6	3 24 45.28	+3.6672	+0.0227	29 43 54.8	+12.563	-422	9.4	- 2 - 19	7.51	A 0					
1522	26 565	C 1709	442	6414	24 55.64	5969	206	26 42 54.0	552	415	9.8	+ 40 0	8.9						
1523	25 558	C 1711			25 21.10	5687	197	25 25 56.4	523	412	11.4	- 46 - 4	9.4						
1524	29 570	C 1712	452	6431	25 29.18	6585	224	29 18 20.0	514	422	10.8	- 51 - 5	8.7	G 0					
1525	31 608	L 1328			25 29.33	7119	241	31 29 7.0	514	426	12.3	- 37 + 11	9.4						
1526	27 513	C 1713	456	6434	3 25 34.52	+3.6142	+0.0211	27 25 1.1	+12.507	-416	12.2	+ 54 - 18	8.1	A 0					
1527	26 566	C 1715	460	6440-1	25 36.80	6002	207	26 48 19.5	505	416	12.4	- 3 - 3	8.3	K 0					
1528	27 514	C 1714	459	6439	25 37.09	6145	211	27 25 27.6	505	416	12.2	+ 10 - 11	7.14	B 9					
1529	24 502	C 1717	465		25 48.37	5578	193	24 54 27.0	493	412	13.1	- 22 + 20	9.4						
1530	25 561	C 1718			25 49.70	5853	202	26 8 0.7	490	414	12.7	- 22 - 27	9.1						
1531	27 515	C 1719	466	6448-9	3 25 53.76	+3.6113	+0.0209	27 15 55.0	+12.486	-416	11.0	+ 29 - 33	5.93	A 0					
1532	25 563	C 1721			25 53.84	5791	200	25 51 7.5	486	414	13.3	+ 21 - 10	9.2						
1533	27 515	C 1720	467	6450-1	25 54.64	6114	209	27 15 54.7	485	416	11.0	+ 29 - 33	5.93	A 0					
1534	24 503	C 1722	468	6453	25 54.67	5589	194	24 56 57.3	485	406	12.0	- 12 - 27	8.06	A 3					
1535	29 571	C 1726		6466-7	26 38.42	6704	226	29 42 0.1	436	425	12.3	- 15 + 9	7.96	A 0					
1536	29 572	C 1727	483	6472	3 26 40.70	+3.6590	+0.0223	29 13 31.2	+12.432	-424	11.8	- 28 22	8.5	K 0					
1537	30 552	L 1335	487	6474	26 55.12	7069	237	31 9 28.6	416	430	11.9	+ 71 - 37	8.5						
1538	31 611	L 1336	488-9	6477	26 56.97	7117	239	31 20 35.0	414	431	9.6	+ 4 - 52	7.92	K 0					
1539	27 519	C 1729	495		27 9.89	6323	214	28 3 39.0	399	424	11.2	+ 1 + 13	9.1						
1540	31 614	L 1343	515		28 19.23	7257	241	31 46 50.7	320	433	10.5	- 31 - 2	8.7	K 2					
1541	23 471	B 1050			3 28 44.68	+3.5427	+0.0186	24 0 23.5	+12.290	-413	11.7	- 18 + 3	9.1	A 0					
1542	24 506	B 1052			28 49.55	5491	188	24 17 23.5	284	414	11.7	+ 21 - 10	9.1	F 5					
1543	23 473	B 1057		6559	29 6.63	5468	187	24 9 47.4	265	414	12.5, 12.2	+ 13* - 27*	5.92	A 2					
1544	31 616	L 1348	534	6556-7	29 24.42	7264	240	31 43 0.1	245	435	9.5	+ 27 - 24	6.62	F 0					
1545	26 572	C 1739	550	6552	29 33.07	5959	200	26 18 25.7	234	421	10.6	+ 11 + 7	8.3	A 2					
1546	29 577	C 1740			3 29 44.30	+3.6754	+0.0223	29 38 41.8	+12.222	-430	12.3	+ 46 - 52	9.5						
1547	31 617	L 1352			29 45.52	7194	236	31 24 17.7	219	434	12.3	+ 24 - 14	9.4						
1548	26 574	C 1742	563	6576	29 55.19	6021	202	26 33 1.6	209	422	12.3	+ 21 - 31	8.5	F 5					
1549	30 553	L 1354	556		29 54.94	7076	234	30 55 40.7	209	434	12.3	+ 11 - 35	9.1	G 0					
1550	27 525	C 1743		6577	29 56.81	6179	206	27 13 31.6	207	421	13.1	- 30 + 5	8.9	F 8					

1510. Number of observations 4.
1531-3. Σ 401, magnitudes 7.0 and 6.5.

1515. Number of observations 6.
1540. Burnham 1757.

1518. Σ 395.
1543. Σ 412. Number of observations 10.

1524. Burnham 12941.

1526, 1528. Burnham 1731.
1544. Σ 410.
1548. Σ 415.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Procession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 8.001.		
					h m s	s	s	° ' "	"	"					
1551	27 526	C 1744	564	6578	3 29 58.75	+3.6255	+0.208	27 32 58.5	+12.204	-422	11.2	+ 18	- 46	8.7	A 3
1552	31 619	L 1355	559-60	6572-3-4	30 1.70	7193	236	31 22 48.9	201	435	10.6	+ 43	- 20	6.83	F 0
1553	27 529	C 1747	574	6594-6632	30 37.79	6208	206	27 17 38.9	159	422	12.0	+ 45	+ 5	8.1	K 0
1554	29 579	C 1746	572-3	6591-2	30 39.35	6782	222	29 41 5.2	158	431	11.1	+ 3	- 22	7.76	A 0
1555	26 579	C 1749			30 42.10	6150	204	27 2 42.1	155	421	12.2	+ 24	- 41	9.2	
1556	28 547	C 1750	578		3 30 50.05	+3.6537	+0.216	28 39 50.4	+12.145	-429	12.0	+ 12	- 59	8.2	F 8
1557	31 621	L 1358	577	6596	30 56.48	7302	238	31 43 45.9	138	437	12.7	+ 28	- 50	8.8	F 5
1558	24 512	C 1751			30 57.37	5707	192	25 6 2.2	137	420	12.9	+ 16	- 32	9.21	F 0
1559	30 556	L 1359		6607-21	31 1.17	7061	230	30 46 35.5	133	435	12.5	- 36	- 20	8.5	F 0
1560	28 548	C 1753	586		31 9.17	6607	218	28 55 34.0	123	430	11.3	+ 37	- 4	6.63	A 5
1561	30 557	L 1362	596-7	6618-9	3 31 32.49	+3.7085	+0.230	30 49 41.2	+12.097	-437	9.9	- 14	- 42	8.0	G 5
1562	25 580	C 1758	607	6638	31 45.94	5858	194	25 42 2.6	080	421	10.2	+ 188	- 259	8.1	G 0
1563	30 558	L 1365	608-9	6636-7	31 54.13	7091	230	30 49 23.2	071	437	10.5	- 113	+ 30	7.01	F 5
1564	24 520	B 1073	615		31 58.03	5546	185	24 18 38.4	066	418	11.1	- 10	+ 15	8.6	A 2
1565	31 625	L 1366	610		31 58.91	7220	234	31 19 18.7	065	438	10.6	- 13	+ 8	9.2	
1566	27 534	C 1760	614		3 32 3.87	+3.6436	+0.210	28 8 43.3	+12.059	-431	10.8	- 8	- 12	9.1	
1567	27 537	C 1761	635		33 3.55	6437	209	28 4 21.7	11.989	433	10.8	- 2	- 1	9.1	
1568	24 523	B 1079	640	6667	33 15.03	5566	185	24 18 27.3	977	421	9.5	- 12	- 15	8.5	F 0
1569	24 524	C 1763			33 17.79	5759	190	25 9 25.9	973	423	11.3	+ 22	- 4	9.41	G 0
1570	27 540	C 1765			33 42.84	6351	206	27 39 47.6	944	428	12.3	0	+ 4	8.9	A 0
1571	24 526	C 1766	648		3 33 45.33	+3.5699	+0.188	24 51 48.6	+11.941	-424	11.6	+ 8	+ 10	8.9	A 3
1572	24 527	B 1083	649-50	6677	33 45.46	5597	184	24 24 37.2	941	422	8.9	+ 23	- 63	7.06	A 0
1573	26 589	C 1770			34 2.56	6095	198	26 33 15.5	920	428	12.9	- 2	- 4	9.4	
1574	28 556	C 1769	651-2	6684	34 4.12	6720	216	29 9 33.5	919	435	12.3	- 2	- 13	9.4	
1575	25 584	C 1772			34 4.95	5928	193	25 50 4.5	918	427	13.1	0	- 22	8.95	G 0
1576	26 590	C 1771	653	6688	3 34 5.87	+3.6184	+0.201	26 55 46.4	+11.917	-429	12.6	+ 47	- 36	8.7	
1577	27 542	C 1773			34 11.70	6313	204	27 28 0.9	910	428	12.9	+ 19	- 13	8.8	A 0
1578	26 591	C 1774		6689	34 15.85	6114	198	26 37 11.9	905	429	13.3	+ 17	- 6	9.4	
1579	31 629	L 1375			34 18.53	7350	235	31 38 0.5	902	443	13.3	- 5	- 21	9.1	
1580	24 528	C 1777	671		34 28.77	5720	187	24 54 13.1	890	425	13.3	+ 15	- 1	9.2	A 2
1581	26 595	C 1780	677	6701-2	3 34 43.26	+3.6134	+0.199	26 40 13.6	+11.873	-429	13.7	+ 115	- 96	9.1	
1582	26 596	C 1782	680	6710-1	34 48.02	6117	198	26 35 45.0	868	429	11.9	+ 5	+ 14	8.5	
1583	29 589	C 1781	679	6699-700	34 48.91	6759	216	29 15 34.7	866	437	14.1	+ 4	- 22	9.4	
1584	26 597	C 1784	682	6712	34 50.93	6109	198	26 33 25.4	864	429	12.8	+ 10	- 14	9.1	
1585	29 590	C 1783		6704	34 51.42	6861	219	29 39 52.5	864	438	13.9	+ 29	- 12	9.2	
1586	28 560	C 1785			3 34 59.55	+3.6539	+0.209	28 20 45.5	+11.853	-436	13.0	+ 7	- 24	8.5	
1587	28 562	C 1787	687	686-8	6717	6575	210	28 28 53.0	844	436	12.4	+ 38	- 40	6.86	A 0
1588								28 28 59.4	843	436	12.7	+ 38	- 40		
1589	28 561	C 1786			35 8.73	6742	216	29 9 49.5	843	436	13.7	+ 28	- 19	9.4	A
1590	31 630	L 1380	684-5		35 12.13	7344	232	31 32 15.3	839	444	12.9	+ 6	- 109	8.6	K 0
1591	24 529	C 1788	700-2	6732	3 35 23.57	+3.5766	+0.188	25 2 20.5	+11.825	-426	12.1, 12.5	+ 11*	- 15*	6.15	A 0
1592	31 632	L 1381			35 23.74	7424	235	31 49 42.4	825	445	13.1	+ 7	- 42	8.6	
1593	25 589	C 1789			35 30.68	5897	191	25 35 58.7	817	428	12.9	- 27	+ 4	9.4	K 2
1594	24 530	C 1790	703		35 35.05	5800	188	25 10 28.8	812	427	13.4	+ 4	- 12	9.01	A 0
1595	29 592	C 1791	704	6736-7-8	35 46.37	6767	215	29 13 2.2	799	438	12.6	- 19	- 67	8.8	G 5
1596	28 563	C 1792			3 35 47.54	+3.6530	+0.207	28 14 46.9	+11.797	-437	13.3	- 32	- 126	9.4	
1597	28 564	C 1793	705-6	6739	35 48.28	6571	208	28 24 48.2	796	437	10.1	- 12	+ 23	6.89	B 9
1598	24 532	B 1094			35 51.07	5673	185	24 36 10.8	793	426	12.5	+ 5	- 10	9.1	G 0
1599	24 533	B 1096	709	6743	35 55.96	5701	185	24 43 4.3	787	426	11.3	+ 13	+ 6	8.3	K 2
1600	24 534	C 1796	713	6758	36 18.62	5791	188	25 4 52.7	760	428	11.5	+ 11	+ 1	8.06	K 2

1552. Burnham 1774. 1554. Burnham 1776. 1570. Σ 424. 1571. Number of observations 7. 1572. Burnham 1793. 1578, 1597, 1599. Number of observations 6.
 1586. Burnham 1808. 1587, 1588. Σ 427, magnitudes 7.4 and 6.6. 1587. Number of observations 4. 1591. Number of observations 19 and 31. 1596. Burnham 1813.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. ".001.		
					h m s	s	s	° ' "	"	"					
1601	31 637	L 1387	720		3 36 38.81	+3.7335	+0.231	31 23 19.2	+11.737	-.446	10.6	+ 21	- 46	8.7	
1602	27 550	C 1797	726		36 40.87	6491	206	28 1 7.2	734	439	10.2	+ 2	+ 3	8.2	K 0
1603	28 567	C 1798	725	6769-70	36 42.48	6765	213	29 8 11.4	732	439	12.5	+ 42	- 26	8.9	
1604	26 601	C 1801	733	6779	37 3.77	6083	194	26 17 8.0	707	433	12.3	+ 59	- 42	7.8	K 0
1605	28 569	C 1803			37 15.78	6585	208	28 21 40.7	693	440	13.3	+ 29	+ 24	9.4	
1606	31 639	L 1394	737		3 37 21.94	+3.7344	+0.230	31 21 51.5	+11.686	-.447	12.8	+ 33	+ 35	9.1	K 2
1607	29 597	C 1805	739	6790	37 28.47	6973	218	29 54 25.0	679	443	11.6,12.7	+ 146	- 159	8.7	G 5
1608	24 536	B 1104			37 33.76	5610	181	24 12 26.1	673	428	12.4	+ 15	- 45	9.5	F 8
1609	25 593	C 1806	752-3-4	6806-7	37 43.02	5885	188	25 23 42.9	661	431	10.3	- 46	- 3	7.11	F 5
1610	26 604	C 1810			38 8.02	6097	193	26 16 9.3	631	434	13.4	- 1	+ 9	9.4	
1611	25 598	C 1811			3 38 14.59	+3.5998	+0.190	25 50 25.7	+11.618	-.434	12.6	+ 40	- 6	8.6	K 0
1612	25 597	C 1812	761	6826-7	38 14.83	5915	188	25 29 7.4	618	432	12.8	+ 21	+ 9	8.5	F 8
1613	24 537	B 1106	767		38 20.48	5757	184	24 47 46.8	617	430	13.1	+ 14	- 78	7.46	A 2
1614	25 599	C 1813		6833	38 20.80	6060	192	26 5 45.3	616	434	14.1	- 23	- 6	7.53	K 0
1615	23 495	B 1107	768-70		38 22.03	5595	180	24 5 24.6	615	428	13.8	+ 4	- 37	8.5	A 5
1616	29 602	C 1814	762		3 38 24.07	+3.6832	+0.213	29 16 40.2	+11.612	-.443	13.5	- 2	+ 17	9.4	
1617	29 603	C 1815	763-4	6828	38 25.31	6863	214	29 23 52.1	611	443	14.1	- 8	- 11	8.7	B 9
1618	24 539	C 1817			38 27.48	5798	185	24 59 4.4	609	431	13.0	+ 27	- 9	9.4	G
1619	25 600	C 1818	778	6840-1	38 28.77	5909	188	25 26 31.9	609	432	12.1	+ 44	- 122	8.5	G 0
1620	31 641	L 1399			38 30.04	7491	232	31 50 11.9	605	450	14.4	- 15	- 8	9.1	
1621	31 641				3 38 30.70	+3.7491	+0.232	31 50 3.5	+11.605	-.450	14.9	- 15	- 8	8.3	K 5
1622	26 607	C 1819	783		38 37.51	6311	199	27 7 59.5	596	434	13.0	- 10	+ 35	8.1	K 0
1623	25 601	C 1820	784	6849	38 37.69	5948	189	25 35 52.8	596	433	12.5	- 24	- 36	8.1	K 0
1624	24 540	B 1112		6853	38 38.68	5641	180	24 16 22.9	595	429	13.8	+ 18	- 47	8.1	A 2
1625	27 555	C 1821	790		38 54.49	6508	204	27 55 23.9	577	437	12.7	+ 52	- 52	8.7	
1626	31 643	L 1401			3 38 55.63	+3.7510	+0.232	31 52 43.8	+11.574	-.452	12.2	+ 8	- 27	8.3	
1627	24 543	B 1114			38 58.04	5719	183	24 35 26.4	572	431	12.5	+ 13	0	9.2	K 2
1628	23 504	B 1116	796-7		39 4.39	5611	179	24 6 42.2	565	429	13.9	+ 20	- 46	8.9	A 5
1629	29 606	C 1822		6860	39 7.60	6912	214	29 32 19.4	560	445	13.9	- 27	- 36	8.3	A 0
1630	27 556	C 1823	793-4	6862	39 8.74	6437	202	27 36 55.1	559	436	13.9	- 34	- 64	6.71	F 0
1631	27 558	C 1824	798-9	6865	3 39 15.10	+3.6445	+0.201	27 38 28.3	+11.552	-.439	13.7	+ 86	- 121	7.02	G 0
1632	29 607	C 1825		6864	39 17.45	6994	216	29 51 8.5	549	446	14.5	+ 12	- 13	8.1	A 0
1633	23 505	B 1119	806-7	6875	39 27.09	5592	178	24 0 25.5	537	429	13.2	+ 14*	- 55*	5.43	B 5
1634	27 559	C 1826			39 27.64	6358	198	27 15 54.6	536	439	14.7	+ 4	- 10	8.9	
1635	30 568	L 1403			39 30.37	7244	223	30 48 41.3	534	450	13.2	- 29	0	9.4	
1636	29 609	C 1827	805		3 39 33.22	+3.6871	+0.211	29 20 39.2	+11.530	-.445	13.5	+ 10	0	9.4	
1637	24 546	B 1128		6883	39 47.40	5724	181	24 33 26.7	513	431	13.8	+ 12*	- 55	5.63	B 8
1638	26 608	C 1828			39 48.22	6206	194	26 36 34.6	512	437	11.9	+ 11.9		8.7	A 5
1639	24 547	B 1129	814		39 50.88	5639	179	24 11 7.5	509	431	14.9	+ 8*	- 48*	4.37	B 5
1640	28 575	C 1829		6882	39 56.76	6640	206	28 23 14.9	502	444	11.9	+ 30	- 36	8.0	A 2
1641	24 548	B 1132			3 39 58.29	+3.5746	+0.182	24 38 25.9	+11.500	-.432	14.1	+ 41	- 43	9.2	F 5
1642	27 561	C 1830	815-6		40 2.28	6527	203	27 55 15.9	496	441	13.2	- 1	+ 27	8.0	A 0
1643	25 607	C 1831		6897	40 8.85	5909	186	25 19 45.5	487	434	12.9	- 6	- 43	8.66	F 0
1644	31 646	L 1406			40 9.50	7498	230	31 44 4.2	486	453	14.4	+ 30	+ 21	9.4	
1645	24 550	B 1136			40 12.93	5644	179	24 10 55.8	482	432	14.2	+ 62	- 56	9.1	A 2
1646	23 512	B 1138	824-5		3 40 16.41	+3.5616	+0.178	24 3 16.9	+11.479	-.431	11.5	+ 33	- 41	8.2	B 9
1647	23 513	B 1140			40 20.06	5606	178	24 0 28.6	474	431	14.3	+ 11	- 29	9.4	
1648	28 579	C 1835	826		40 25.58	6670	206	28 28 19.4	467	445	13.9	+ 2	- 26	9.1	
1649	23 516	B 1142	829-30	6911	40 28.07	5626	179	24 5 13.9	464	431	11.7	+ 21*	- 45*	4.02	B 5
1650	24 553	B 1145	835		40 32.65	5670	178	24 16 26.4	458	432	13.2	+ 12*	- 41*	5.85	B 8

1607, 1620. Number of observations 3. 1609. Σ 435. 1616, 1618, 1622, 1625, 1629, 1632, 1634, 1636, 1638, 1639, 1642, 1643, 1644, 1645, 1648, 1649. Number of observations 4.
 1620, 1621. Σ 437, magnitudes 9.0 and 9.0. 1621. Number of observations 2. 1626. Burnham 1836. 1630, 1631. Burnham 1839. 1639. Burnham 1848.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"						
1651	25 611	C 1836	832		3 40 34.31	+3.6025	+0.189	25 47 43.0	+11.457	-437	12.5	- 9	- 19	8.6	K 5
1652	24 554	C 1838		6915	40 35.43	5866	185	25 7 6.1	456	434	12.7	- 5	- 30	8.06	A 0
1653	25 612		836		40 36.50	6001	188	25 41 27.8	454	436	13.9	- 7	0	8.7	K 0
1654	28 580	C 1837	831		40 38.39	6700	207	28 34 41.9	453	445	12.9	+ 21	+ 29	5.6	K 0
1655	24 556	B 1147	838		40 40.99	5666	178	24 14 52.2	449	432	12.5	- 7	- 22	6.46	B 9
1656	31 647	L 1407			3 40 44.64	+3.7575	+0.232	31 58 28.9	+11.444	-454	12.5	+ 20	- 35	9.4	
1657	29 616	C 1840	840	6919-20	40 52.90	6908	211	29 23 31.8	435	447	12.8	- 2	- 38	8.5	B 9
1658	27 562	C 1841			40 54.61	6438	198	27 29 42.0	432	441	11.7			9.4	B 9
1659	25 615	C 1842	850		41 10.11	5980	186	25 33 52.3	414	437	10.6	+ 44	- 67	8.7	A 0
1660	28 582	C 1843	852		41 26.84	6670	205	28 24 3.3	394	446	12.0	+ 44	- 31	8.7	A 0
1661	25 616	C 1844	855	6940	3 41 32.69	+3.5937	+0.185	25 21 22.9	+11.387	-436	12.4	- 18	- 52	9.2	Ma
1662	24 562	B 1160	857		41 37.42	5679	178	24 14 30.3	382	434	9.3	+ 26	- 26	6.68	B 9
1663	24 563	B 1161			41 40.93	5749	180	24 32 29.5	377	434	12.7	+ 15	- 38	8.6	A 2
1664	29 618	C 1845			41 41.18	7044	214	29 52 12.8	377	450	13.5			9.2	
1665	29 620	C 1846	858	6943	41 51.94	6978	212	29 35 49.0	364	449	11.3	- 20	- 8	8.5	B 8
1666	24 566	B 1170			3 42 1.91	+3.5701	+0.178	24 18 38.6	+11.352	-434	12.5	+ 33	- 32	7.29	A 0
1667	24 567	B 1172			42 4.33	5717	178	24 22 47.4	349	434	14.1	- 20	- 16	8.42	A 0
1668	28 585	C 1847	862		42 6.93	6861	209	29 6 54.0	346	447	13.9	+ 37	- 29	9.2	
1669	23 540	B 1176	866		42 7.92	5633	176	24 0 38.8	345	433	14.1	+ 19	- 41	6.81	B 9
1670	31 650	L 1416	861	6953	42 9.85	7589	230	31 55 4.4	342	457	12.4	- 28	- 36	6.23	G 0
1671	24 568	C 1848			3 42 22.90	+3.5892	+0.183	25 6 31.0	+11.327	-436	12.3	+ 5	- 66	8.26	A 2
1672	28 586	C 1849	871		42 29.50	6669	203	28 19 12.2	318	446	12.5	+ 6	- 17	9.2	B 9
1673	31 651	L 1419			42 40.72	7462	228	31 24 4.7	305	456	12.4	- 23	- 35	8.9	
1674	24 571	B 1181			42 43.73	5805	180	24 42 41.8	301	436	10.7	- 25	- 7	6.77	K 5
1675	27 567	C 1851	875-7		42 44.41	6444	196	27 23 23.4	301	443	13.4	+ 12	- 52	8.7	Ma
1676	29 621	C 1850	874	6975	3 42 44.50	+3.7013	+0.212	29 40 12.7	+11.300	-450	13.1	- 24	- 47	9.4	A
1677	31 652	L 1420	873		42 44.95	7539	229	31 41 9.8	300	456	11.7	- 4	- 44	8.1	A 3
1678	23 549	B 1183			42 51.88	5651	176	24 2 31.7	292	435	12.1	+ 14	- 50	8.7	A 3
1679	26 617	C 1853	881		42 52.77	6186	190	26 18 43.0	290	440	11.3	+ 27	+ 13	8.1	K 2
1680	30 576	L 1422	880		42 59.83	7201	216	30 22 49.4	282	453	12.7	- 5	- 32	8.9	
1681	23 553	B 1187		6993	3 43 8.22	+3.5661	+0.176	24 4 11.1	+11.272	-435	12.3	+ 12	- 55	6.56	A 0
1682	25 619	C 1854			43 12.00	6120	188	26 1 0.8	268	441	13.3	- 34	+ 23	8.7	Ma
1683	25 620	C 1855			43 17.11	6004	185	25 31 27.4	262	439	13.4	- 4	+ 32	8.7	B 9
1684	31 654	L 1423			43 23.95	7528	227	31 35 52.0	253	457	13.1	+ 11	+ 31	9.2	
1685	27 569	C 1856	889		43 26.48	6554	199	27 47 18.9	251	445	13.0	+ 11	- 17	9.1	G 0
1686	31 655	L 1424	888		3 43 27.57	+3.7634	+0.228	31 59 19.3	+11.248	-459	12.5	- 9	- 7	8.2	B 9
1687	28 592	C 1857			43 33.16	6654	200	28 11 9.0	242	448	13.5			9.1	A 0
1688	30 577	L 1426	892		43 35.72	7333	219	30 50 33.4	239	456	12.9	- 6	- 16	8.9	
1689	28 593	C 1858			43 53.88	6705	201	28 21 56.9	217	449	12.4	+ 53	- 230	8.9	G 5
1690	23 560	B 1201			43 54.75	5685	176	24 7 18.5	216	436	10.6	+ 9	- 49	8.1	A 0
1691	23 561	B 1202	903		3 43 59.72	+3.5683	+0.176	24 6 24.4	+11.210	-436	9.8	0	- 47	6.63	B 9
1692	29 629	C 1859	904		44 12.42	7016	210	29 34 20.5	195	453	13.5	- 6	- 11	9.1	
1693	27 571	C 1860			44 12.79	6507	196	27 32 31.4	194	447	13.8	- 9	- 22	9.4	
1694	23 567	B 1210	914		44 34.58	5685	175	24 4 32.8	167	437	10.8	+ 11	- 44	7.34	A 0
1695	25 623	C 1865			44 35.39	6083	184	25 46 12.7	167	442	13.0	+ 23	- 25	9.1	K 2
1696	29 632	C 1864	911-2	7030	3 44 36.38	+3.6971	+0.207	29 22 14.8	+11.166	-452	10.1	- 15	- 12	7.9	A 0
1697	31 658	L 1436			44 49.29	7472	223	31 16 49.0	150	459	11.8	- 6	- 41	8.5	A 0
1698	24 577	B 1215			44 53.09	5762	176	24 23 36.6	145	438	11.9	+ 2	0	9.4	F 0
1699	25 624	C 1867	920	7050	44 54.14	5978	182	25 18 30.2	144	441	12.1	+ 29*	- 108*	5.38	A 3
1700	29 633	C 1868	919	7044	44 58.07	7004	208	29 28 17.8	139	453	11.7	+ 17	+ 7	8.7	A 2

1651, 1652, 1653, 1654, 1655, 1658. Number of observations 4. 1657, 1662, 1666, 1676, 1699. Number of observations 6. 1663. Burnham 1866.
 1667. Σ 449. 1686. Burnham 1885. 1689. A short interval and 2 observations at Cambridge, but confirmed by Oxford photographic measures.
 1691. Burnham 1889. 1693. Number of observations 7. 1699. Burnham 1900.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0	Precession	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 7.001.		
1701	24 578	B 1218	926		h m s	s	s	o ' "	"	"	11.4	+ 29	- 23	7.26	A 2
1702	30 579	L 1438			45 16.64	7254	215	30 25 7.5	116	457	11.8	- 39	- 33	9.4	
1703	31 659	L 1439			45 19.04	7647	225	31 53 51.9	114	462	12.5	- 10	- 29	8.8	A 2
1704	26 624	C 1869	931		45 19.56	6345	191	26 48 15.1	113	445	12.3	+ 38	- 69	9.4	
1705	29 635	C 1870	929-30	7057-8	45 24.85	6990	208	29 23 4.9	107	453	11.3	- 18	- 94	8.2	F 8
1706	25 627	C 1874	943	7085	3 45 53.46	+3.6179	+0.186	26 4 59.0	+11.073	-444	10.7	+ 28	+ 25	8.6	F 8
1707	24 583	C 1877	946		46 1.56	5896	178	24 53 30.4	062	442	12.0	+ 3	- 4	6.86	A 2
1708	24 584	B 1226			46 4.64	5746	174	24 14 53.7	059	440	12.5	+ 7	- 47	9.2	A 5
1709	25 630	C 1878	951		46 20.56	6066	183	25 35 0.9	039	443	12.8	- 75	- 112	9.4	G 5
1710	30 582	L 1450	948	7093-4	46 27.01	7403	217	30 53 56.3	031	461	11.4	- 12	- 57	6.22	A 3
1711	27 582	C 1881	968		3 46 29.72	+3.6595	+0.194	27 44 39.6	+11.028	-450	13.7	- 12	- 30	9.1	
1712	31 660	L 1451			46 29.75	7631	224	31 44 52.6	028	463	13.6	+ 92	- 354	9.1	G 5
1713	27 583	C 1882	953		46 31.63	6587	194	27 42 26.5	025	450	13.5	+ 29	- 3	9.1	
1714	25 631	C 1883	954	7104	46 31.65	6104	183	25 43 46.6	025	445	13.1	+ 28	- 34	8.1	A 0
1715	29 636	C 1884			46 35.22	7001	205	29 20 43.0	022	455	12.6	- 41	- 145	8.3	G 5
1716	24 586	C 1885	957		3 46 36.70	+3.5948	+0.178	25 4 15.8	+11.019	-443	12.4	+ 20	+ 35	8.06	K 0
1717	31 661	L 1455			46 38.18	7621	223	31 42 3.3	018	463	13.7	+ 40	- 146	9.1	F 8
1718	25 632	C 1887		7108	46 44.19	6163	184	25 57 41.6	011	445	11.7	- 40	- 22	8.2	A 2
1719	24 587	B 1232	959		46 48.34	5909	177	24 53 49.5	006	442	10.2	- 78	- 156	6.78	G 0
1720	27 585	C 1890	962		46 56.92	6633	193	27 51 50.2	10.995	451	12.3	+ 21	- 5	8.8	K 0
1721	26 632	C 1891			3 47 10.75	+3.6293	+0.187	26 28 17.9	+10.978	-447	13.5	+ 15	+ 13	8.7	
1722	27 586	C 1893			47 28.05	6490	191	27 15 19.2	957	450	12.9	+ 13	+ 14	8.8	
1723	24 589	B 1233			47 30.39	5813	175	24 26 2.9	955	442	13.0	+ 38	- 56	9.23	F 8
1724	26 633	C 1894			47 31.30	6284	186	26 24 46.8	953	447	11.5	+ 87	- 96	7.98	G 0
1725	31 664	L 1462			47 35.28	7510	219	31 13 26.3	948	463	14.0	- 24	- 17	9.1	
1726	24 590	C 1896			3 47 37.15	+3.5975	+0.178	25 7 20.4	+10.946	-444	13.8	- 23	- 8	9.01	A 2
1727	25 637	C 1898	976-7		47 42.62	6011	178	25 16 2.4	939	444	12.8	+ 13	- 17	8.61	A 0
1728	27 587	C 1899	978		47 48.96	6622	193	27 45 52.2	931	452	12.5	+ 2	- 22	8.7	A 3
1729	30 586	L 1466	979		47 58.71	7328	212	30 30 22.9	919	461	13.3	- 11	- 44	9.2	
1730	25 639	C 1901			48 4.20	6112	181	25 40 6.4	913	446	12.9	+ 8	- 29	8.5	G 5
1731	27 589	C 1902	981		3 48 6.37	+3.6656	+0.194	27 52 51.1	+10.911	-453	11.6	+ 75	- 8	7.9	G 5
1732	25 640	C 1903	984	7145	48 6.74	6064	180	25 27 46.8	909	445	13.7	+ 11	- 5	8.6	A 2
1733	25 641	C 1904	985-6	7158	48 9.11	6053	179	25 24 58.6	907	445	13.6	+ 31	- 30	7.16	A 0
1734	26 636	C 1906			48 22.41	6351	187	26 37 43.8	891	450	11.9	+ 12	+ 12	7.54	G 5
1735	31 666	L 1468	987	7146-7-8-9	48 28.25	7633	220	31 37 1.2	884	465	11.7	+ 10*	- 17*	2.91	B 1
1736	30 589	L 1471			3 48 43.22	+3.7402	+0.213	30 43 57.0	+10.865	-463	11.4	+ 9	- 25	9.4	
1737	25 642	C 1910	1003-4		49 15.22	6071	179	25 25 13.9	826	447	10.7	0	- 11	8.8	K 0
1738	27 597	C 1911	1005		49 28.75	6690	193	27 55 29.7	809	455	10.8	+ 19	- 8	8.1	G 5
1739	26 640	C 1912	1012	7189	49 38.42	6412	186	26 47 59.4	798	452	10.7	- 1	- 24	8.7	K 0
1740	24 595	B 1246	1016	7196	49 43.44	5939	175	24 50 28.6	792	447	10.7	- 5	- 16	8.9	A 2
1741	30 591	L 1474	1010	7185-6	3 49 45.23	+3.7434	+0.213	30 46 53.3	+10.789	-465	9.9	- 31	- 21	var.	B 0 p
1742	31 669	L 1477			50 14.18	7743	220	31 53 30.3	753	469	10.5	+ 2	- 15	9.1	A 0
1743	27 600	C 1916	1022		50 17.33	6701	192	27 54 45.7	750	457	10.3	- 15	+ 3	8.7	A 0
1744	31 670	L 1478			50 17.98	7747	220	31 54 1.0	749	469	10.7	+ 14	- 4	9.1	A 0
1745	26 643	C 1922			50 50.91	6515	187	27 8 3.6	697	455	10.0	- 22	- 69	9.4	
1746	26 645	C 1923			3 51 2.77	+3.6357	+0.183	26 28 56.4	+10.694	-453	10.4	+ 56	- 21	9.2	A 5
1747	26 648	C 1929	1046		51 30.28	6306	181	26 14 48.6	660	453	9.6	+ 3	- 19	8.5	F 5
1748	24 598	C 1930	1051	7250-1-4	51 46.98	6012	174	25 1 18.4	639	450	10.4	+ 3	+ 20	7.71	G 5
1749	29 649	C 1931	1050		51 52.32	7199	203	29 44 46.6	633	465	11.2	- 30	- 69	9.5	
1750	24 599	B 1266	1060		52 3.28	5820	169	24 12 6.2	619	448	10.1	- 2	- 4	6.38	K 0

1705. Σ 459. 1711. Number of observations 4.
1735. Σ 464. Number of observations 23.

1713, 1725, 1733. Number of observations 6.
1741. Burnham 1936.

1718. Burnham 1912.
1742-1744. Burnham 1940.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.			Precession.	Sec. Var.	Dec. 1910.0.			Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
					h	m	s			°	'	"				°	'			"	R.A. 1900.0.	Dec. 1900.0.
1751	26 650	C 1932			3 52 4.12	+3.6379	+0.0183	26 30 36.6	+10.618	-455	12.5	+ 9	+ 2	9.4					
1752	26 654	C 1935	1075		52 51.19	6384	182	26 28 56.8	560	455	11.5	+ 24	+ 11	9.4			F 2		
1753	30 595	L 1490	1071-2		52 56.23	7593	212	31 9 0.8	553	470	11.7	+ 9	- 3	9.4			A 0		
1754	31 677	L 1494			53 25.29	7767	216	31 45 16.1	518	473	11.4	- 5	- 9	9.1					
1755	26 655	C 1939		7312-3-4-5	53 36.11	6510	184	26 56 25.8	504	458	10.8	- 9	+ 6	7.38			A 0		
1756	24 602	C 1941	1093	7329	3 53 49.08	+3.6026	+0.0172	24 57 33.0	+10.488	-453	11.9	+ 12	0	8.47			K 2		
1757	24 601	B 1278			53 49.29	5913	169	24 29 22.4	488	451	12.3	- 1	- 10	9.1			A 0		
1758	24 603	B 1280			53 53.44	5991	171	24 48 38.7	483	452	12.9	+ 56	- 45	9.15			F 8		
1759	30 599	L 1496	1097-8	7328	54 3.77	7601	212	31 6 13.6	469	473	12.4	- 10	- 23	8.8			K 0		
1760	30 600	L 1497	1100-1		54 9.08	7604	212	31 6 35.0	463	473	12.6	+ 2	- 5	9.1					
1761	31 680	L 1498			3 54 12.13	+3.7796	+0.0215	31 48 29.0	+10.459	-475	13.4	- 7	- 19	9.4					
1762	28 606	C 1942	1104		54 12.47	6928	193	28 32 59.4	459	464	13.5	- 24	+ 11	9.2					
1763	24 604	B 1281			54 13.51	5945	170	24 36 6.7	457	453	13.7	- 7	+ 9	9.4					
1764	30 603	C 1943			54 20.22	7356	204	30 10 29.6	449	469	13.9	- 10	+ 36	9.2					
1765	24 605	B 1282	1110	7350-1	54 30.46	5911	168	24 26 26.3	437	452	13.9	+ 78	- 48	8.7			G 0		
1766	29 659	C 1944	1107	7340-2	3 54 33.36	+3.7170	+0.0198	29 27 19.9	+10.433	-467	11.5	- 1	+ 1	8.1			B 9		
1767	29 660	C 1945		7341	54 33.69	7137	197	29 19 39.8	432	467	13.7	+ 26	- 71	8.9			F 5		
1768	27 611	C 1946	1108-9		54 34.72	6615	185	27 17 59.2	430	460	12.4	+ 10	- 19	8.5			K 5		
1769	28 609	C 1952	1131		55 53.01	6878	189	28 14 59.8	333	465	9.0	+ 43	- 3	6.99			A 0		
1770	27 616	C 1954	1133.4	7394	55 54.34	6652	184	27 21 42.9	332	462	10.0	- 12	- 9	8.7			K 0		
1771	31 687	L 1512			3 56 4.56	+3.7875	+0.0214	31 57 46.8	+10.318	-478	10.8	- 11	- 10	9.1			A 0		
1772	26 665	C 1956			56 25.52	6357	177	26 9 25.3	292	459	11.9	- 3	+ 8	9.1					
1773	30 607	L 1515		7404	56 27.99	7512	204	30 37 3.2	290	474	12.5	- 7	- 40	9.4					
1774	25 662	C 1957		7411	56 28.53	6238	174	25 40 19.5	288	458	12.1	+ 3	+ 11	8.9					
1775	27 618	C 1958	1150	7417	56 42.98	6795	186	27 52 30.3	271	465	9.6	+ 6	- 11	7.48			G 5		
1776	30 609	L 1516		7412	3 56 45.44	+3.7645	+0.0210	31 5 2.6	+10.268	-476	12.0	- 73	- 196	8.3			G 5		
1777	31 692	L 1518	1148	7415	56 48.49	7688	210	31 14 24.3	264	476	10.8	+ 5	- 18	8.2			A 0		
1778	25 663	C 1960	1154	7427-8	56 50.90	6242	172	25 40 4.2	261	458	13.0	+ 8	+ 22	9.4					
1779	25 664	C 1962	1161	7435-6	57 14.78	6249	173	25 40 17.4	231	459	10.6	+ 13	- 5	8.2			A 0		
1780	28 610	C 1963	1162		57 25.99	6892	188	28 12 22.1	217	467	12.1	+ 8	+ 11	8.5			G 0		
1781	24 613	C 1965	1172		3 57 55.52	+3.6117	+0.0169	25 5 41.7	+10.179	-457	9.7	- 4	+ 2	8.69			A 2		
1782	30 611	L 1524	1168		57 55.77	7497	200	30 27 56.1	179	475	11.6	- 17	+ 14	9.4					
1783	28 613	C 1966		7455	58 5.50	6956	188	28 24 47.3	167	468	10.5	- 2	- 2	7.9			A 3		
1784	24 614	B 1304	1177	7460	58 12.47	6024	166	24 41 53.9	159	457	12.6	+ 9	- 52	8.7			F 8		
1785	28 614	C 1967			58 14.47	7099	191	28 57 8.4	157	470	12.5	+ 216	- 122	8.2			K 0		
1786	27 623	C 1969	1178	7462	3 58 22.15	+3.6822	+0.0184	27 52 41.2	+10.146	-468	12.3	+ 31	- 40	var.			A 0		
1787	23 606	B 1305	1183		58 24.72	5894	163	24 9 14.3	143	455	12.4	- 8	- 15	9.8					
1788	27 624	C 1971	1180		58 26.49	6716	182	27 27 39.1	141	466	13.5	- 13	- 35	8.5			A 5		
1789	26 669	C 1972	1182		58 28.13	6411	175	26 15 9.4	139	463	12.7	- 10	- 24	9.1			G		
1790	29 665	C 1973	1186		58 44.82	7256	194	29 30 45.5	118	473	13.1	+ 1	+ 5	9.4					
1791	25 667	C 1974		7478	3 58 46.01	+3.6142	+0.0168	25 9 9.5	+10.116	-458	13.0	- 13	- 48	8.9					
1792	30 614	L 1529			58 59.58	7562	201	30 38 13.7	099	478	12.3	- 43	- 10	9.2			A		
1793	24 616	C 1976			59 13.99	6131	168	25 4 41.9	081	459	12.9	+ 6	- 3	9.4					
1794	25 670	C 1977	1196	7495	59 18.67	6348	173	25 57 14.9	076	462	12.3	0	+ 26	8.5			M a		
1795	25 671	C 1978	1200	7500	59 29.04	6162	168	25 11 34.0	062	460	12.8	- 20	- 39	8.6					
1796	27 628	C 1979	1202	7511	3 59 41.01	+3.6710	+0.0179	27 21 52.9	+10.047	-468	11.3	+ 4	- 24	7.9			A 2		
1797	31 700	L 1534	1203-4	7512-3-4	59 52.86	7746	205	31 15 8.0	032	482	9.5	- 2	- 15	7.43			K 5		
1798	27 629	C 1980	1214	7523	59 56.92	6784	181	27 38 8.2	027	469	12.3	- 11	- 52	7.9			A 2		
1799	27 630	C 1981			4 0 6.17	6919	184	28 9 2.3	016	470	13.4			9.0					
1800	24 617	C 1983			0 8.36	6125	167	25 0 27.7	013	460	13.1	- 34	- 37	9.4					

1762. Burnham 1973.
1778. Number of observations 8.

1767, 1768, 1770, 1794. Number of observations 6.
1788. Number of observations 4.

1775. Σ 481.
1799. Burnham 2019.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^s .0001.	Dec. ^s .001.		
1801	25 673	C 1982			h m s	s	s	° ' "	"	"					
1802	25 674	C 1986			4 0 8.55	+3.6333	+0.0171	25 50 36.4	+10.012	-463	14.1	+ 19	0	9.1	
1803	26 675	C 1987	1222		0 31.64	6264	169	25 32 40.9	9.983	463	12.8			9.4	
1804	25 675	C 1988		7547-8	0 33.35	6455	173	26 18 28.4	981	465	13.0	+ 35	+ 31	8.6	A
1805	24 620	B 1325	1225		0 36.75	6371	171	25 58 6.9	976	464	11.4	- 51	+ 5	7.49	F 8
1806	28 617	C 1989			0 39.97	6005	163	24 29 18.0	973	459	13.2	- 11	- 32	9.4	
1807	27 632	C 1990	1232-3		4 0 49.99	+3.6934	+0.0183	28 9 49.3	+ 9.960	-471	12.7	+ 7	+ 16	9.4	
1808	27 633	C 1991	1234-6	7566-7	1 2.19	6709	178	27 16 53.1	945	469	13.1	- 14	- 51	9.5	
1809	28 618	C 1992			1 4.97	6730	179	27 21 29.0	941	469	12.5	+ 12*	- 57*	5.27	A o p
1810	27 634	C 1994	1239-40	7575	1 10.63	7077	186	28 41 21.5	933	473	13.4	+ 15	+ 18	9.0	
1811	29 672	C 1993	1237	7571-2	1 12.53	6711	178	27 16 45.3	931	470	12.0	- 25	+ 2	8.6	K o
1812	25 677	C 1995		7580	4 1 14.28	+3.7436	+0.0195	30 1 52.7	+ 9.929	-479	10.8	- 3	- 23	8.01	K 2
1813	28 619	C 1995a		7583	1 14.45	6257	171	25 28 45.6	929	464	11.9	- 7	+ 36	8.2	A o
1814	27 635	C 1996	1252-3		1 26.43	7100	187	28 45 31.0	914	474	12.3	- 62*	+ 3*	5.29	F o
1815	31 705	L 1546			1 39.31	6715	177	27 16 8.8	910	470	10.2	- 51	- 75	8.8	G 5
1816	30 618	L 1554	1264		1 47.91	7869	204	31 33 59.2	886	484	10.3	+ 6	+ 29	9.0	A o
1817	26 682	C 1997			4 2 7.42	+3.7595	+0.0197	30 33 40.6	+ 9.862	-482	12.5	+ 40	- 60	9.4	
1818	31 708	L 1560	1274	7631	2 43.68	6603	174	26 46 7.8	817	469	11.9	+ 14	- 15	9.1	
1819	25 678	C 1999	1291	7647-50	2 46.37	7808	202	31 17 34.1	813	485	10.2	0	- 22	8.0	A o
1820	28 624	C 2000	1286		3 11.41	6324	167	25 38 18.5	781	466	9.6	- 14	- 10	7.40	K o
1821	30 621	L 1565	1287		3 18.45	7181	186	28 57 10.9	772	477	12.3	+ 76	- 9	8.6	G o
1822	28 627	C 2001	1293		4 3 23.67	+3.7649	+0.0197	30 40 46.4	+ 9.764	-483	11.0	- 1	- 37	8.4	K o
1823	26 684	C 2003	1299		3 34.20	7040	181	28 24 22.3	752	477	12.7	+ 14	- 89	9.0	G o
1824	30 623	L 1567			3 37.12	6643	173	26 52 34.4	748	471	12.3	- 10	+ 66	8.6	G o
1825	30 624	C 2002	1294	7656	3 37.66	7614	195	30 32 15.7	747	484	13.2	+ 2	- 1	8.6	K o
1826	31 713	L 1569			3 38.82	7578	194	30 24 17.7	745	483	11.5	- 3	- 10	8.6	
1827	31 714	L 1572	1301	7665-70	4 3 45.57	+3.7840	+0.0200	31 20 37.2	+ 9.736	-487	13.4	+ 29	- 22	9.4	
1828	30 626	C 2005	1322	7692-4	3 56.79	7863	201	31 24 46.4	722	487	10.4	+ 38	+ 67	6.94	F 5
1829	31 715	L 1580			4 39.05	7597	193	30 24 44.8	669	484	12.3	+ 10	- 29	8.7	
1830	24 629	C 2007	2		4 48.26	7960	201	31 42 21.0	657	489	11.7	+ 9	- 34	9.4	
1831	26 686	C 2008	5	7717-8-9	5 9.21	6222	163	25 7 39.4	630	468	11.3	0	- 4	8.8	
1832	31 716	L 1584	4		4 5 20.81	+3.6507	+0.0168	26 14 48.3	+ 9.615	-471	12.7	- 20*	- 37*	5.55	F o
1833	26 687	C 2009	7	7728	5 35.31	7877	198	31 21 53.8	597	490	12.3	+ 10	- 14	9.4	
1834	31 718	L 1586	12	7730-2	5 43.83	6517	167	26 15 55.5	586	471	11.4	+ 32	- 74	8.7	G o
1835	29 676	C 2010	14	7736	5 59.58	7872	197	31 19 3.7	565	489	10.8	- 20	- 20	7.6	A o
1836	26 689	C 2011			5 59.83	7397	186	29 35 57.1	565	483	10.2	+ 80	- 137	8.0	K o
1837	25 681	C 2012			4 6 6.66	+3.6635	+0.0170	26 42 22.1	+ 9.556	-474	12.3	+ 45	+ 55	9.1	F 5
1838	24 632	B 1346		7761	6 20.64	6395	165	25 45 1.4	538	471	11.8	0	+ 20	8.5	G o
1839	24 631	B 1347		7759	6 26.41	6008	157	24 11 54.3	532	461	12.5	+ 39	- 49	9.0	
1840	31 719	L 1588	26	7751	6 27.12	6109	159	24 36 16.6	531	462	13.0	+ 14	- 12	9.0	
1841	30 630	C 2014			6 30.00	8060	201	31 57 15.9	527	492	11.9	+ 15	- 29	8.4	A o
1842	24 633	B 1348	32	7767	4 6 33.52	+3.7565	+0.0189	30 11 4.6	+ 9.522	-487	13.2	+ 4	- 2	9.4	
1843	28 630	C 2015	33		6 36.36	6044	157	24 20 11.3	519	467	12.6	+ 27	- 33	8.6	
1844	25 682	C 2016	39		6 47.08	7035	178	28 12 10.5	505	480	12.7	+ 37	+ 10	9.4	
1845	31 721	L 1593	35		7 0.20	6419	164	25 48 50.2	488	472	11.5	+ 15	+ 11	8.6	F 5
1846	28 631	C 2018			17 2.72	7958	196	31 33 48.6	484	492	12.5	+ 6	- 1	8.4	B 9
1847	28 632	C 2019	63	7808-9	4 7 22.27	+3.7193	+0.0180	28 45 49.6	+ 9.460	-482	12.1	+ 33	+ 3	9.0	
1848	24 635	B 1359	77		7 48.55	7234	180	28 53 34.9	425	484	10.0	+ 13	- 21	8.5	
1849	31 727	L 1604	81		8 17.06	6112	156	24 31 20.8	389	468	11.0	+ 27	- 8	9.4	
1850	31 728	L 1605	82		8 49.31	8018	197	31 40 6.8	348	495	10.4	- 11	- 20	8.6	
					8 50.55	8001	196	31 36 32.8	347	495	11.7	- 6	- 35	8.6	A

1808. Number of observations 7. 1809. Burnham 2025. 1813. Number of observations 30. 1814. Number of observations 6. 1820. Burnham 2045.
 1822. Burnham 2050. 1824. Number of observations 4. 1827. Burnham 2052. 1831. Number of observations 43. 1833. Burnham 2064.

No.	B.D.	A.G.C.	W.B. (z).	Lalande.	R.A. 1910.0.			Dec. 1910.0.			Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
					h	m	s	Precession.	Sec. Var.	°		'	"			Precession.	Sec. Var.	R.A. 8.0001.	Dec. 0.001.
1851	30 635	L 1606	86		4 8 54.19	+3.7762	+0.190	30 45 26.6	+ 9.341	-491	12.4	+ 51	- 46	9.4	
1852	27 649	C 2022	91	7849-50	8 58.22	6942	173	27 43 56.7	336	480	10.6	+ 41	- 3	8.1	F 2
1853	25 685	C 2023	95	7857	9 3.46	6502	163	26 1 50.6	330	475	8.8	- 61	- 91	7.6	G 5
1854	26 700	C 2024			9 17.15	6560	163	26 14 38.7	311	477	12.8	+ 37	- 5	9.5	
1855	30 636	L 1610	97		9 19.52	7728	188	30 36 35.6	308	491	9.2	0	+ 30	8.8	A 0
1856	29 678	C 2025	108	7867-8	4 9 31.42	+3.7473	+0.183	29 40 46.5	+ 9.294	-488	9.9	+ 86	- 168	7.26	K 0
1857	23 652	B 1367			9 41.45	6020	152	24 5 2.4	281	469	8.7	+ 31	- 20	9.1	A
1858	31 733	L 1613	90	7893	10 3.61	7897	191	31 10 18.9	251	495	11.2	- 10	- 46	7.8	A
1859	29 680	C 2027			10 11.55	7601	184	30 6 17.0	241	490	14.2	+ 9	- 2	10.7	
1860	31 737	L 1616	118	7899	10 12.98	7984	193	31 28 8.8	239	496	11.0	- 6	- 50	7.40	F 8
1861	31 738	L 1618	120	7900	4 10 15.92	+3.7988	+0.194	31 28 50.5	+ 9.236	-496	11.0	- 7	- 42	9.0	F 8
1862	29 682	C 2030	123		10 23.72	7523	183	29 48 43.0	225	489	10.7	+ 4	- 75	7.46	G 0
1863	28 634				10 34.81	7277	177	28 53 47.7	211	487	13.5			9.5	
1864	29 683	C 2031	128	7906-7	10 37.14	7523	182	29 47 59.2	208	489	11.3	- 20	- 127	9.4	
1865	31 740	L 1621			10 38.20	7917	191	31 12 33.1	207	495	13.4	- 3	- 15	9.4	
1866	25 688	C 2033			4 10 42.32	+3.6336	+0.158	25 17 37.1	+ 9.202	-474	11.2	+ 12	- 26	9.4	
1867	31 741	L 1622			10 45.78	8128	196	31 56 22.1	197	498	11.6	+ 20	- 14	9.4	
1868	25 690	C 2034	138	7930	11 11.83	6557	161	26 8 3.7	163	478	9.8	- 1	- 2	8.1	K 5
1869	31 743	L 1625			11 12.57	7978	191	31 23 31.7	162	497	10.8	- 7	- 37	9.0	
1870	25 692				11 25.82	6398	159	25 30 11.8	145	476	12.0			9.5	
1871	31 746	L 1629	147-8		4 11 55.41	+3.7939	+0.189	31 12 48.6	+ 9.107	-497	8.8	+ 15	- 25	8.6	
1872	24 641	B 1381	171		12 31.42	6122	151	24 21 24.8	060	474	9.5	+ 8	- 30	9.1	
1873	29 688				12 33.82	7640	181	30 6 46.1	056	493	13.3			9.5	
1874	29 689				12 38.58	7495	179	29 35 11.5	050	492	13.3			9.5	
1875	24 642	B 1383	176-7		12 43.64	6208	152	24 41 25.7	043	475	9.9	- 3	+ 7	8.8	
1876	27 651	C 2038	178		4 12 53.21	+3.7037	+0.168	27 52 58.9	+ 9.032	-486	10.4	+ 12	- 36	8.8	K 5
1877	31 750	L 1634			12 58.49	8109	191	31 44 52.7	025	500	10.6	+ 9	- 35	8.6	
1878	24 643	B 1385	181-2	8001	13 1.08	6235	153	24 47 2.2	021	475	12.5	+ 7	+ 14	8.2	
1879	26 709	C 2039			13 10.08	6650	161	26 23 42.3	010	481	13.3	+ 31	+ 22	9.5	
1880	25 698	C 2040			13 16.49	6531	158	25 55 48.2	002	480	12.9	+ 13	- 7	9.1	
1881	25 699	C 2041			4 13 34.67	+3.6484	+0.157	25 44 3.1	+ 8.977	-480	13.1	+ 4	- 22	9.4	
1882	31 753	L 1638	195		13 38.32	8010	188	31 21 49.6	973	500	12.6	+ 25	- 42	9.0	
1883	30 651	L 1641	199	8022-3	13 49.52	7813	182	30 39 56.1	959	497	10.0	+ 10	- 32	7.8	K 5
1884	25 700	C 2042	209		13 54.57	6561	158	26 1 14.7	951	481	10.6	- 31	+ 19	8.0	A 0
1885	30 653	L 1646		8036-8	14 23.81	7897	184	30 55 41.9	913	499	12.5	+ 93	- 186	8.8	G 5
1886	31 757	L 1647		8040	4 14 26.06	+3.8129	+0.189	31 44 11.1	+ 8.911	-502	11.1	+ 12	- 26	6.35	K 5
1887	31 760	L 1649			14 27.95	8061	188	31 30 1.7	908	501	13.8	+ 3	- 19	9.4	
1888	30 654	L 1650	214	8046-7	14 28.22	7825	182	30 40 9.1	908	498	12.6	+ 38	- 19	8.4	A 0
1889	25 702	C 2044			14 31.11	6465	155	25 36 47.1	904	480	13.8	+ 9	+ 8	9.4	
1890	26 712	C 2046	230		14 45.31	6863	163	27 7 51.2	886	485	12.9	- 25	- 4	9.1	
1891	27 655	C 2047	235-6	8065	4 14 48.96	+3.6865	+0.162	27 8 10.4	+ 8.881	-486	13.6	- 14*	- 84*	5.06	K 0
1892	28 642	C 2048	238		15 1.39	7282	170	28 40 36.1	865	492	11.6	+ 8	- 5	8.2	A 0
1893	25 703	C 2049	243		15 1.49	6471	154	25 36 41.8	865	480	11.0	+ 6	+ 11	7.81	B 9
1894	30 657	L 1653	241-2	8073-4	15 10.64	7938	183	31 1 48.1	852	501	11.7	+ 31	- 5	8.2	B 9
1895	30 658	L 1656	246	8087-8	15 26.17	7858	182	30 44 3.1	832	499	11.1	+ 1	- 18	8.6	
1896	27 656	C 2051	254-5	8100	4 15 42.66	+3.6877	+0.162	27 8 8.1	+ 8.810	-487	8.8	- 20	- 16	7.70	K 2
1897	31 764	L 1658	256-7	8099	15 53.13	8055	184	31 24 4.4	797	502	10.6	- 43	- 17	8.0	K 5
1898	29 700	C 2053			16 7.09	7656	177	29 58 43.4	778	497	10.8	+ 13	- 33	8.76	K 0
1899	29 701	C 2054			16 17.31	7507	173	29 26 13.9	765	495	11.2	- 23	- 30	7.6	A 2
1900	27 657	C 2056	262		16 23.83	7141	165	28 5 20.9	756	490	11.5	+ 3	- 30	8.7	

1856, 1881, 1891. Number of observations 6.

1860. Burnham 2093.

1864. Burnham 2097.

1891. Burnham 2130.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Procession.	Sec. Var.	Dec. 1910.0.	Procession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 0.001.		
	°				h m s	s	s	° ' "	"	"					
1901	31 767	L 1661	266		4 16 39.15	+3.8199	+0.187	31 51 37.3	+ 8.736	- .505	12.6	+ 2	- 111	9.0	
1902	30 659	C 2057			16 39.67	7729	177	30 12 44.7	735	499	12.6	+ 72	- 31	9.11	G 5
1903	29 702	C 2058	269		16 42.15	7565	174	29 37 26.2	733	497	13.6	- 20	- 19	9.8	
1904	25 707	C 2059	279		17 6.17	6448	152	25 25 3.5	700	482	13.6	+ 19*	- 32*	5.38	B 9
1905		C 2060	280		17 6.74	6448	152	25 25 20.6	700	482	13.0	- 4	0	9.0	
1906	28 648	C 2061	284	8141	4 17 19.42	+3.7180	+0.164	28 11 13.3	+ 8.684	- .492	10.7	+ 5	+ 17	8.4	A 3
1907	31 769	L 1665			17 25.48	8248	186	31 59 2.6	676	507	11.0	+ 57	- 79	9.0	
1908	28 649	C 2062	293		17 30.81	7354	168	28 49 2.1	668	494	10.4	- 12	- 26	9.0	
1909	26 716	C 2063			17 35.04	6871	159	27 1 8.8	663	489	10.0	+ 22	- 7	8.2	
1910	24 654	B 1406	305-6	8183	18 3.91	6146	145	24 11 46.7	625	476	9.3	+ 69	- 56	7.23	F 5
1911	27 658	C 2065	302	8173	4 18 8.68	+3.7135	+0.163	27 58 46.4	+ 8.618	- .493	9.4	+ 24	- 106	8.0	G 0
1912	28 652	C 2066			18 13.13	7284	166	28 31 32.4	613	494	11.2	+ 1	+ 27	9.0	
1913	31 772	L 1670	304		18 19.98	8164	183	31 38 45.0	604	507	11.8	+ 10	- 3	9.4	
1914	23 683	B 1416	315-6	8202	18 32.03	6124	143	24 5 41.2	588	480	10.9	+ 16	+ 2	8.6	
1915	23 684	B 1417	318-9	8206-7	18 34.03	6125	144	24 5 31.6	585	480	11.1	+ 13*	- 23*	6.16	B 8
1916	29 706	C 2068	320	8201	4 18 47.38	+3.7677	+0.172	29 54 58.7	+ 8.568	- .500	12.4	- 31	- 6	9.0	A 2
1917	28 653	C 2069		8211	18 48.48	7371	167	28 48 41.9	566	495	11.0	+ 16	+ 13	8.0	M a
1918	30 660	C 2070			18 50.78	7765	174	30 13 34.1	563	502	12.3	- 4	- 23	9.4	
1919	24 655	C 2071	338		19 14.64	6353	148	24 57 15.7	531	479	12.1	+ 27	- 18	9.8	
1920	29 709	C 2073	340	8244	19 33.58	7597	169	29 35 21.8	506	501	9.6	+ 9	- 44	8.8	F
1921	25 710	C 2074	346		4 19 41.20	+3.6509	+0.149	25 32 34.1	+ 8.497	- .487	9.6	+ 35	+ 20	7.71	F 5
1922	31 773	L 1681	345		19 51.12	8277	183	31 57 4.8	484	510	10.3	- 3	+ 24	8.4	G 5
1923	29 712	C 2076	350-1	8259-60	19 59.69	7527	167	29 19 15.3	472	499	9.6	- 7	+ 11	8.0	K 0
1924	29 711	C 2077	354	8263	20 2.61	7635	169	29 42 5.3	468	501	12.0	- 15	+ 8	8.8	
1925	31 776	L 1683		8270-3	20 22.34	8077	178	31 14 11.7	443	507	9.0	+ 64*	- 120*	5.33	K 0
1926	31 777	L 1684	360		4 20 32.49	+3.8230	+0.182	31 45 15.8	+ 8.430	- .509	8.8	- 1	- 35	8.4	A 0
1927	27 659	C 2078			20 44.46	7078	158	27 38 27.1	414	495	13.1	- 19	- 38	10.7	
1928	31 778	L 1685	370		20 54.94	8263	181	31 50 53.5	399	510	9.7	+ 33	- 65	9.4	
1929	26 720	C 2079			21 47.91	6741	151	26 19 47.7	329	491	12.6	+ 43	- 28	10.7	
1930	28 656	C 2080			21 53.01	7433	163	28 53 19.7	322	501	10.4	+ 9	- 33	9.4	
1931	24 658	C 2082	402-3	8338	4 22 6.15	+3.6361	+0.143	24 51 34.4	+ 8.305	- .486	11.5	- 35	- 14	9.0	A
1932	29 715	C 2081	395		22 7.31	7758	168	30 2 14.1	304	504	11.7	+ 31	- 17	9.4	
1933	25 714	C 2083			22 18.18	6454	146	25 12 45.6	289	487	13.6	+ 26	+ 3	10.0	
1934	24 659	B 1436			22 24.15	6205	140	24 14 26.7	281	484	12.6	+ 269	+ 102	9.4	
1935	25 715				22 30.05	6536	147	25 31 4.1	273	489	13.6			9.8	
1936	27 660	C 2084	411	8352	4 22 43.55	+3.7086	+0.156	27 34 48.5	+ 8.255	- .496	9.3	- 21	+ 13	7.76	A 0
1937	30 665	C 2085	421	8364-5	23 10.84	7808	168	30 9 44.4	218	506	9.2	+ 7	- 28	6.26	F 5
1938	30 665	C 2086	422	8366-7	23 11.49	7810	168	30 9 55.9	218	506	9.6	+ 7	- 28	8.6	
1939	27 661	C 2088	436-7	8396	23 46.19	6998	153	27 12 22.5	172	496	10.0	+ 15	- 34	6.61	A 0
1940	25 717	C 2089			23 48.00	6547	145	25 30 9.4	169	490	14.2	+ 65	- 8	10.2	
1941	26 722	C 2090			4 23 58.32	+3.6805	+0.149	26 28 28.2	+ 8.156	- .493	9.8	+ 62	- 38	9.4	
1942	26 724	C 2091	448-9	8408	24 9.68	6969	151	27 4 49.3	140	495	9.6	+ 12	- 45	8.8	
1943	28 658	C 2093			24 26.05	7455	160	28 50 41.7	119	502	10.6	- 20	- 40	8.6	F 0
1944	30 668	C 2092	451		24 26.09	7876	167	30 20 18.6	119	508	11.4	- 67	- 109	9.4	
1945	27 662	C 2094	458	8418	24 43.57	7207	155	27 56 2.9	096	500	11.8	+ 84	+ 29	6.64	G 5
1946	31 784	L 1701	454		4 24 44.94	+3.8186	+0.173	31 23 39.6	+ 8.093	- .513	9.6	- 8	- 33	8.7	A 3
1947	28 659				25 30.66	7542	159	29 6 22.8	032	505	12.6			9.8	
1948	30 674	L 1707	478-9		25 39.36	8109	170	31 5 5.0	021	513	11.8	+ 10	- 55	9.1	
1949	24 662	C 2098	487		25 48.74	6396	139	24 50 14.8	.008	490	8.8	- 28	- 47	8.2	G 5
1950	29 716	C 2099	485	8459-60	25 55.85	7724	162	29 44 2.3	+ 7.999	508	9.4	+ 10	- 12	8.4	F 2

1901, 1904, 1910, 1934. Number of observations 6.

1904, 1905. Σ 528.

1906. Σ 529.

1914, 1915. Σ 534.

1916. Burnham 2164.

1937. Σ 548.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
1951	25 719	C 2100			h m s	s	s	° ' "	"	"					
1952	31 787	L 1708	494		4 26 19.37	+3.6625	+0.0143	25 41 34.4	+ 7.968	-493	11.6	+	1	- 13	9.4
1953	28 660	C 2102	501		26 27.56	8192	170	31 20 3.9	956	513	11.2	-	1	- 10	9.4
1954	24 663	C 2104	511-2-3	8506-7-8	26 32.96	7476	157	28 49 22.2	949	504	11.3	+	5	+ 16	9.1
1955	31 790	L 1712	509-10	8501-2	26 53.24	6448	139	24 59 37.1	922	491	9.6, 10.3	+	8	- 31	7.31
					26 56.64	8164	168	31 12 47.1	917	513	9.0	-	9	- 30	8.2
1956	28 662	C 2106			4 27 4.95	+3.7291	+0.0153	28 7 53.3	+ 7.906	-503	13.2	+	9	- 26	9.8
1957	31 791	L 1715			27 7.66	8279	171	31 35 38.5	902	516	10.4	-	17	- 6	8.6
1958	24 664	C 2107			27 11.36	6435	139	24 55 51.9	898	492	13.2	-	3	+ 41	10.0
1959	28 663	C 2109	523		27 49.99	7469	155	28 44 24.3	846	506	10.6	-	2	- 107	9.4
1960	31 794	L 1718	522		27 53.91	8253	168	31 28 11.9	841	516	8.8	-	22	- 7	8.4
1961	29 720	C 2110	525		4 28 1.70	+3.7835	+0.0161	30 1 26.2	+ 7.830	-511	14.2	+	13	- 21	10.0
1962	23 705	B 1456	530-1	8546-7	28 2.13	6226	133	24 5 23.0	830	489	10.0	+	16	- 9	8.0
1963	31 795	L 1723	527		28 11.61	8401	170	31 57 12.4	817	517	10.6	+	33	- 63	8.6
1964	30 685	L 1725		8539-40	28 16.92	8124	166	31 0 48.8	810	515	10.0	-	45	- 48	8.4
1965	24 665	B 1459	539-40		28 24.60	6287	134	24 18 50.7	799	490	10.2	+	19	- 59	9.0
1966	24 666				4 28 49.81	+3.6416	+0.0136	24 47 26.8	+ 7.765	-493	14.2	+			9.5
1967	28 666	C 2111	545	8568-9-70-1	28 59.94	7493	154	28 46 25.4	752	507	11.2	+	4*	- 22*	5.70
1968	30 686	L 1727	548		29 6.09	7969	161	30 26 32.7	744	514	12.4	+	37	- 24	9.1
1969	27 665	C 2112	552-3		29 7.89	7100	147	27 20 46.4	741	502	12.2	+	5	- 16	9.4
1970	27 667	C 2113			29 17.89	7248	148	27 52 43.0	728	505	12.7	+	81	- 50	9.4
1971	23 710	B 1463	560		4 29 23.41	+3.6231	+0.0131	24 3 27.3	+ 7.721	-491	10.9	+	27	- 17	9.0
1972	29 721	C 2114	557		29 32.06	7754	156	29 40 16.2	709	512	12.0	-	35	- 153	9.1
1973	28 669	C 2115			30 35.20	7560	153	28 56 35.4	624	510	13.7	+	23	- 96	10.7
1974	30 691	L 1734	581		30 44.42	8073	161	30 43 28.4	612	517	10.0	+	2	- 32	9.0
1975	26 729	C 2117			31 10.73	7049	142	27 4 20.2	576	504	12.4	-	33	- 20	9.0
1976	26 730	C 2118	600		4 31 12.95	+3.7017	+0.0143	26 57 8.0	+ 7.573	-503	11.8	+	162	- 142	8.4
1977	29 724				31 23.03	7755	154	29 35 50.5	559	512	13.6				9.5
1978	28 672	C 2121			31 29.21	7574	152	28 57 16.0	551	508	11.3	+	18	- 21	9.1
1979	30 695	C 2122	602	8652	31 32.10	7937	156	30 13 12.1	547	516	10.6	+	5	- 127	7.91
1980	27 673	C 2123	606		31 33.45	7237	145	27 44 35.3	546	506	9.7	-	22	+ 4	7.38
1981	25 720	C 2124	620	8666	4 31 54.00	+3.6646	+0.0135	25 32 45.6	+ 7.517	-499	9.5	+	21	- 12	7.61
1982	30 697	L 1738	615		32 2.41	8196	161	31 5 7.8	507	520	11.6	-	7	- 16	9.0
1983	30 698	C 2125	619	8662	32 3.15	7945	156	30 13 34.3	505	516	11.6	+	14	- 5	8.56
1984	30 699	C 2126	622	8668	32 11.74	7981	157	30 20 43.6	493	516	11.5	-	21	+ 15	8.5
1985	31 802	L 1741			32 15.33	8422	165	31 50 16.4	489	523	14.1	+	5	+ 4	9.8
1986	31 803	L 1742	627		4 32 28.80	+3.8420	+0.0165	31 49 5.0	+ 7.470	-522	10.1	+	9	- 21	7.08
1987	24 672	B 1475	637-8		32 42.16	6346	129	24 22 23.9	453	495	11.1	+	9	- 24	9.1
1988	29 725	C 2127	610-34	8684	32 46.43	7661	151	29 12 25.2	447	513	11.0	-	7	- 7	8.5
1989	28 674	C 2128	612	8686	32 50.92	7473	147	28 32 16.8	440	511	10.5	-	31	- 10	8.4
1990	26 731				32 55.78	6984	139	26 45 38.7	435	504	9.6	+	24	- 60	
1991	26 731	C 2129	642	8693-4	4 32 55.83	+3.6984	+0.0139	26 45 40.8	+ 7.435	-504	13.0	+	24	- 60	6.49
1992	26 731				32 55.91	6984	139	26 45 42.8	435	504	9.9	+	24	- 60	
1993	27 677	C 2130	623		33 21.12	7327	145	27 59 38.4	400	509	12.9	+	2	+ 1	9.8
1994	24 673	B 1478	657		33 27.63	6408	130	24 34 52.1	390	496	11.2	-	8	- 31	9.4
1995	31 805	L 1744			33 28.34	8357	161	31 33 47.5	390	523	9.2	+	19	- 23	7.8
1996	24 674	C 2133	666-7-8	8726-7-8	4 33 53.69	+3.6533	+0.0131	25 2 25.3	+ 7.355	-499	9.0	+	7	+ 2	6.27
1997	27 679	C 2132			33 56.01	7292	142	27 50 37.8	352	509	11.4	-	19	- 2	9.0
1998	28 677	C 2134	644	8723-4	34 0.62	7506	146	28 36 20.9	346	512	10.8	+	23	+ 27	8.1
1999	31 807	L 1746			34 7.04	8450	162	31 50 47.8	337	525	10.2	+	7	- 36	9.4
2000	29 728	C 2135	680	8742-3	34 41.00	7854	151	29 47 48.8	291	517	9.0	+	27	- 20	6.92

1954, 1983, 1985, 1986, 1995, 2000. Number of observations 6.
1990, 1992. Number of observations 3.

1990, 1991, 1992. Σ 572.

1967. Burnham 2251. Number of observations 7.
1991. Number of observations 1.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
2001	24 675				4 34 52.07	+3.6499	+0.129	24 52 36.4	+ 7.276	-.499	11.8			9.5	
2002	27 682	C 2136			35 0.35	7248	141	27 38 34.5	265	510	13.6	- 4	+ 11	10.2	
2003	30 704	C 2137	687	8755	35 4.40	7951	152	30 7 2.3	260	519	9.2	+ 33	- 60	8.06	F 5
2004	29 729	C 2138	695		35 21.98	7792	149	29 33 13.6	236	516	10.6	+ 27	- 74	9.1	
2005	27 683	C 2139			35 26.78	7261	141	27 40 10.9	229	510	13.4	+ 34	- 40	10.0	
2006	25 723	C 2142	699		4 35 36.59	+3.6757	+0.132	25 49 6.0	+ 7.215	-.503	8.7	- 7	- 31	8.4	B 9
2007	28 679	C 2140			35 38.93	7658	146	29 4 33.1	212	515	12.3	- 22	- 8	9.4	
2008	29 730	C 2141			35 39.42	7674	147	29 7 49.0	212	516	12.1	- 43	- 1	9.4	
2009	28 680	C 2143	681	8770-1-2	35 41.64	7479	143	28 26 29.2	208	513	10.4	+ 33*	- 42*	5.68	A 0
2010	28 682	C 2145	689	8790-1	36 9.12	7497	143	28 29 12.8	172	513	11.8	+ 16	0	8.8	F 8
2011	24 678	B 1493	718		4 36 19.09	+3.6407	+0.126	24 28 25.2	+ 7.158	-.498	14.1	+ 10	- 6	9.8	
2012	26 735	C 2146	717		36 21.32	7033	135	26 48 27.8	155	507	13.2	+ 6	- 13	8.7	
2013	28 683	C 2147			36 35.29	7485	142	28 25 40.8	136	514	10.8	+ 4	+ 15	9.0	G
2014	25 725	C 2149	742		37 32.95	6846	129	26 4 22.8	057	505	8.4	- 18	+ 17	8.6	K 5
2015	26 737				37 53.23	7063	133	26 51 26.4	030	508	11.7			9.5	
2016	27 688	C 2150	759	8840	4 37 59.33	+3.7248	+0.136	27 31 28.0	+ 7.022	-.512	8.3	+ 58	- 244	8.0	K 0
2017	30 709	C 2151			38 30.37	8096	148	30 28 10.0	6.979	523	13.5	- 19	- 43	9.5	
2018	30 710	C 2152			38 36.58	8061	148	30 20 54.7	970	522	13.8	+ 46	- 20	10.0	
2019	25 727	C 2153	781		38 54.34	6667	126	25 21 39.5	947	504	13.4	- 55	- 38	9.5	
2020	28 685	C 2154			39 6.87	7607	140	28 45 20.9	929	517	14.5	- 13	- 113	9.8	
2021	28 686				4 39 14.59	+3.7684	+0.140	29 1 18.4	+ 6.918	-.518	13.6			9.5	
2022	30 713	C 2156	794		39 46.13	8007	144	30 6 57.7	875	523	8.8	- 2	- 15	8.6	
2023	24 683	B 1512	802		39 50.34	6379	121	24 14 39.1	870	502	8.6	- 13	- 13	9.0	A 2
2024	28 687	C 2157	806		40 11.57	7545	137	28 29 47.5	840	517	9.0	+ 8	+ 22	7.02	G 5
2025	27 691	C 2158			40 24.57	7174	132	27 9 54.2	822	512	10.8	- 36	+ 11	9.4	
2026	28 689	C 2159			4 40 33.21	+3.7609	+0.138	28 42 32.0	+ 6.811	-.519	10.3	+ 6	+ 22	8.7	G 0
2027	25 731	C 2160	822	8917	40 40.06	6822	126	25 52 20.1	801	508	9.0	+ 2	- 39	7.48	A 0
2028	30 718	C 2161			40 53.80	8056	143	30 14 27.0	782	525	13.5	- 4	- 2	10.0	
2029	27 694	C 2164	826		40 56.38	7338	133	27 44 14.1	779	515	11.0	- 6	- 4	8.4	A 2
2030	28 692	C 2165	827		40 58.70	7627	137	28 45 13.1	775	519	11.8	+ 2	+ 18	9.4	
2031	30 719	L 1771			4 41 1.87	+3.8206	+0.146	30 44 36.6	+ 6.771	-.527	14.0	+ 15	+ 2	9.5	
2032	30 720	L 1772			41 5.46	8113	144	30 25 30.8	767	526	13.6	- 18	- 13	9.4	
2033	27 695	C 2167			41 17.50	7434	133	28 3 44.9	749	516	13.3	+ 1	- 16	9.4	
2034	31 815	L 1774			41 21.22	8415	149	31 25 33.5	745	530	12.9	+ 2	- 35	9.4	
2035	29 738	C 2169	847-8		41 41.60	7754	138	29 10 17.7	716	522	10.0	- 36	- 15	9.0	A 0
2036	24 686				4 41 59.87	+3.6385	+0.118	24 11 35.4	+ 6.692	-.504	13.4			9.8	
2037	25 734	C 2173	868		42 35.24	6779	123	25 38 49.7	643	509	9.4	- 46	- 7	8.5	G 0
2038	28 695	C 2172	864-5	8965-6	42 38.63	7737	136	29 4 38.2	638	522	9.5	+ 11	- 60	7.01	F 5
2039	29 741	C 2175	866		42 41.07	7893	138	29 36 49.6	635	524	9.0	- 13	- 24	7.36	B 9
2040	26 750	C 2176	874	8974	42 46.05	7098	127	26 48 24.4	628	511	9.0	- 7	+ 16	7.8	K 0
2041	24 689	B 1528	886	8991-4	4 43 6.48	+3.6498	+0.118	24 35 4.5	+ 6.601	-.507	10.4	+ 23	- 25	8.0	F 2
2042	30 721	L 1777	884		43 15.25	8252	143	30 48 32.2	588	525	10.4	+ 7	- 10	8.6	F 0
2043	28 696	C 2178	888		43 17.47	7613	133	28 37 17.8	586	521	10.9	+ 37	+ 26	8.7	
2044	24 691	B 1530	895		43 24.42	6422	117	24 17 23.0	576	504	12.4	+ 4	- 19	10.0	
2045	31 816	L 1779	889	8992	43 26.56	8396	146	31 16 54.5	572	531	8.9	+ 17*	- 113*	5.76	K 0
2046	26 752	C 2180	896	9003	4 43 31.06	+3.7118	+0.125	26 51 15.5	+ 6.566	-.514	10.6	- 7	- 63	7.6	G 0
2047	29 742	C 2181		9001	43 34.77	7845	136	29 24 50.2	561	525	10.4	+ 11	- 54	7.21	A 0 p
2048	28 698	C 2182	898	9004	43 37.73	7495	131	28 11 34.7	557	520	10.1	- 14	+ 1	7.49	K 0
2049	29 743	C 2183			43 44.26	7939	137	29 43 52.3	548	526	11.6	+ 24	+ 4	9.4	
2050	28 700	C 2185	915		44 20.41	7671	132	28 47 10.5	499	522	11.2	+ 3	+ 20	8.8	F 8

2009. Burnham 2304.

2009, 2020, 2038. Number of observations 6.

2010. Burnham 2308.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Procession.	Sec. Var.	Dec. 1910.0.	Procession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".001.	Dec. ".001.		
	°				h m s	s	s	° ' "	"	"					
2051	28 701	C 2186	916		4 44 23.63	+3.7647	+0.132	28 41 55.2	+6.493	-522	9.2	-34	-21	8.0	A 5
2052	27 700	C 2187			44 44.88	7437	129	27 56 59.8	464	520	10.0	-36	-4	9.0	
2053	27 699	C 2188		9030	44 45.21	7475	129	28 4 59.4	464	520	8.6	-14	-6	8.5	
2054	31 817	L 1782	925		45 1.38	8454	144	31 24 41.0	442	533	9.4	+5	-24	7.8	K 0
2055	28 704	C 2190		9040	45 13.90	7501	129	28 9 34.8	424	521	8.8	+2	-17	7.72	B 3
2056	30 727	L 1786	937	9042	4 45 27.20	+3.8295	+0.140	30 52 20.0	+6.406	-532	9.9	+15	-64	8.8	A
2057	24 695	B 1537	950-1		45 46.77	6402	114	24 8 15.4	379	507	10.8	-2	-32	8.7	F 5
2058	28 707	C 2192	946	9060	45 52.63	7569	129	28 22 25.7	370	523	9.6	+11	+29	8.39	N
2059	28 706	C 2193			45 53.89	7599	129	28 28 43.4	369	523	11.5	+93	-51	8.6	K
2060	25 742	C 2194	958		46 4.87	6860	118	25 49 41.7	354	512	12.5	+10	+20	9.4	
2061	26 756	C 2195			4 46 12.69	+3.7079	+0.121	26 37 10.1	+6.343	-515	12.0	+9	+11	9.1	
2062	30 732	L 1790	960	9072	46 25.00	8350	139	31 0 53.1	326	532	9.2	-11	-101	6.82	G 5
2063	26 757	C 2196			46 30.69	7122	122	26 45 54.8	318	517	11.2	+20	-27	8.6	
2064	31 821	L 1791	963	9078	46 39.89	8600	143	31 50 5.8	305	536	9.4	-16	-15	7.42	A 3
2065	26 758	C 2200			46 57.79	7157	121	26 52 35.8	281	518	11.3	-46	-18	8.6	
2066	27 701	C 2201	978	9096	4 47 9.70	+3.7404	+0.125	27 44 51.6	+6.264	-521	11.1	+48	-12	5.91	F 2
2067	30 735	L 1793			47 15.15	8258	136	30 40 48.3	257	533	12.2	-9	+2	9.4	
2068	27 702	C 2202	984		47 17.26	7240	123	27 9 51.3	254	519	11.4	+17	-37	8.8	
2069	27 704	C 2203	985	9103	47 22.81	7465	126	27 57 30.2	246	522	9.8	+21	-66	8.2	F 5
2070	26 759	C 2204	986		47 23.86	7092	121	26 37 43.1	244	517	10.0	+7	-27	7.84	K 2
2071	29 750	C 2205			4 47 40.18	+3.7889	+0.130	29 25 12.7	+6.221	-528	11.5	+6	-14	9.4	
2072	24 702	C 2206	994		47 48.72	6584	113	24 45 13.1	210	510	10.8	-8	-35	8.8	F 8
2073	23 756	B 1547	995-6		47 53.93	6391	111	24 1 42.6	203	508	10.3	+6	-1	7.7	F 8
2074	25 746	C 2208	1002-3	9132	48 5.37	6711	115	25 13 4.4	188	512	8.6	-5	-23	7.21	A 0
2075	29 754	C 2209	1004	9129	48 15.66	7829	128	29 11 48.8	172	527	9.6	-26	-12	9.0	
2076	28 713	C 2212	1014	9153	4 48 46.56	+3.7681	+0.126	28 39 55.3	+6.129	-526	9.0	+44	-42	8.8	F 5
2077	26 762	C 2215			49 0.38	7102	120	26 36 48.5	111	518	10.3	-15	+28	8.8	
2078	25 750	C 2216			49 10.70	6820	118	25 34 57.3	096	514	12.5	-13	-5	9.5	
2079	29 755	C 2219			49 38.49	7893	126	29 21 53.6	059	529	9.8	-3	-10	9.0	
2080	28 714	C 2221			49 45.53	7696	125	28 41 2.2	047	526	9.3	+18	-25	9.4	
2081	25 753	C 2222	1032		4 49 45.60	+3.6702	+0.112	25 7 55.9	+6.047	-513	9.1	+1	-12	8.61	A 0
2082	26 764	C 2223	1041	9193	49 59.21	7235	118	27 3 29.6	029	521	9.1	-35	-32	7.46	K 0
2083	30 741	L 1800	1034	9188	50 1.42	8205	130	30 24 26.7	027	534	11.2	-6	-11	7.46	A 0
2084	30 742	C 2224	1037	9190	50 4.35	8142	129	30 11 38.6	022	533	10.4	0	-26	7.56	A 0
2085	30 743	L 1802	1045		50 14.98	8213	130	30 25 24.9	007	534	11.2	+21	-38	9.0	
2086	27 708	C 2225	1047	9203	4 50 18.43	+3.7418	+0.120	27 41 36.2	+6.003	-523	10.6	+35	-64	8.7	F 8
2087	25 755	C 2227			50 43.89	6728	111	25 11 57.7	5.967	514	11.8	+2	-34	9.0	
2088	29 760	C 2226			50 46.06	8047	127	29 51 7.5	964	532	12.2	+19	-23	9.4	
2089	24 709	B 1574	1064-7	9223	50 46.53	6526	109	24 26 57.3	963	511	12.8, 13.4	-4*	-31*	6.28	F 0
2090	24 708	B 1575	1068		50 48.00	6596	110	24 42 32.5	961	513	12.8	+12	-11	9.8	
2091	28 716	C 2228			4 51 2.09	+3.7547	+0.121	28 7 32.8	+5.942	-525	12.9	+17	-8	9.4	
2092	30 744	L 1807			51 17.27	8382	131	30 57 5.7	921	537	13.1	+30	-18	9.4	
2093	28 721	C 2229	1074		51 24.76	7550	121	28 7 14.2	910	526	13.0	-21	-78	9.0	G 5
2094	24 711	B 1578	1082-3		51 36.95	6576	108	24 36 39.6	893	513	11.3	-16	+2	8.8	G 5
2095	27 712	C 2232	1090-1	9250	52 3.73	7305	117	27 14 19.3	855	523	11.0	+90	-134	8.7	F 5
2096	29 771	C 2233	1098	9254	4 52 17.81	+3.8103	+0.125	29 59 11.2	+5.836	-534	9.0	+18	-18	7.86	A 0
2097	29 770	C 2234			52 20.10	7940	123	29 26 8.7	833	531	10.7	+16	0	9.0	A 2
2098	30 746	L 1816	1099		52 23.54	8256	127	30 29 55.3	827	536	9.3	0	+15	8.1	A 3
2099	25 761	C 2237			52 32.17	6820	109	25 28 57.0	816	516	12.6	+29	+3	9.4	
2100	29 773	C 2238		9259	52 36.83	8023	124	29 42 30.0	809	533	9.7	-19	-10	8.4	A 2

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. ".001.		
2101	24 717	C 2241	1112	9274	4 52 38.83	+3.6665	+0.0109	24 54 44.0	+ 5.806	-514	12.1	+ 22*	- 60*	5.65	B 9
2102	25 762	C 2242	1115		52 45.27	6951	111	25 57 10.8	798	518	9.8	+ 88	+ 117	8.5	G 5
2103	30 748	L 1818	1111		52 48.55	8279	127	30 33 32.6	793	537	12.8	+ 37	- 4	9.4	
2104	29 774	C 2243		9276	53 3.52	8027	123	29 42 21.5	772	533	9.6	+ 6	- 44	7.46	A 2
2105	28 724	C 2244	1118		53 5.14	7719	120	28 39 22.7	770	529	12.2	+ 40	- 172	9.4	
2106	24 719	B 1583	1126		4 53 23.62	+3.6522	+0.0105	24 21 29.0	+ 5.744	-512	10.4	+ 9	- 9	8.0	B 5
2107	30 751	L 1823	1122	9292	53 34.43	8383	127	30 52 39.8	730	539	11.8	+ 19	- 55	8.6	G 5
2108	30 752	L 1824	1123	9296	53 36.88	8396	128	30 55 16.5	725	539	11.6	+ 50	- 52	8.0	F 8
2109	31 839	L 1825	1133	9303	53 48.66	8560	131	31 26 59.2	709	541	12.1	+ 58	- 29	8.0	F 8
2110	31 840	L 1826	1134		53 51.64	8465	129	31 8 21.1	705	541	11.8	- 33	- 36	8.4	F 8
2111	25 765	C 2247	1142	9324	4 54 3.21	+3.6884	+0.0108	25 40 16.8	+ 5.689	-518	12.8	0	- 2	8.8	
2112	29 778	C 2245			54 3.94	7961	121	29 27 9.8	688	533	13.6	+ 3	- 8	9.4	
2113	27 715				54 3.43	7528	119	27 57 43.9	689	527	14.2			9.8	
2114	25 766	C 2248	1144	9326	54 4.37	6921	108	25 48 5.4	688	518	13.6	- 71	- 92	8.0	G 5
2115	26 771	C 2249	1143		54 5.10	7007	109	26 6 55.9	686	520	13.6	+ 23	- 56	8.6	G 5
2116	27 716	C 2250		9332	4 54 16.69	+3.7309	+0.0113	27 11 7.1	+ 5.670	-525	12.8	+ 2	- 49	8.1	B 9
2117		C 2251			54 17.41	7310	113	27 11 24.9	670	525	12.2	+ 2	- 49	6.59	
2118	24 722	C 2255	1158-9		54 46.30	6706	106	25 0 5.3	629	515	10.8	+ 32	+ 10	7.96	G 5
2119	28 726	C 2254	1156	9345	54 50.74	7855	118	29 3 54.3	622	531	11.8	+ 214	- 138	9.0	
2120	29 782	C 2256			54 54.81	7936	119	29 20 20.2	617	533	13.0	+ 12	- 37	9.4	
2121	23 789	B 1593	1168		4 54 55.93	+3.6445	+0.0101	24 1 42.6	+ 5.615	-512	8.8	+ 7	+ 8	8.0	F 2
2122	29 784	C 2258	1173-4	9365	55 28.24	7900	118	29 12 6.8	570	533	9.8	- 6	- 20	8.2	A 0
2123	29 786	C 2260			55 43.89	8057	119	29 43 21.8	548	535	9.8	+ 29	- 30	9.4	
2124	26 774	C 2261	1182	9373	55 44.53	7100	108	26 24 6.5	546	523	9.6	- 9	+ 21	7.8	B 5
2125	31 845	L 1830	1183	9389	55 57.69	8643	127	31 38 47.7	528	544	9.1	- 4	- 5	7.50	B 9
2126	31 846	L 1832	1187		4 56 2.74	+3.8599	+0.0126	31 30 8.8	+ 5.521	-543	13.4	+ 48	- 69	9.1	
2127	29 787	C 2262	1188	9378	56 3.01	8000	118	29 31 16.8	521	535	13.0	+ 23	+ 18	8.5	A 0
2128	25 769	C 2263			56 3.86	6946	107	25 50 10.5	520	520	13.4	+ 10	- 89	9.0	
2129	30 761	L 1833			56 4.12	8456	124	31 2 6.6	520	541	13.9	+ 12	+ 12	9.4	
2130	24 726	B 1602	1193		56 7.23	6583	102	24 30 39.5	516	515	13.2	+ 79	- 263	8.5	G 5
2131	26 775	C 2264	1192	9385-6	4 56 9.57	+3.7142	+0.0109	26 32 18.9	+ 5.511	-523	11.2	- 12	+ 28	6.86	F 5
2132	26 776	C 2265	1196	9387	56 11.69	7137	109	26 31 5.7	509	523	13.6	+ 14	+ 31	8.8	G 5
2133	28 732	C 2266	1199		56 18.76	7604	113	28 9 34.8	499	529	12.0	- 38	+ 17	8.0	A 0
2134	31 849	L 1834	1200-1		56 27.75	8489	125	31 7 58.5	486	542	11.4	- 4	- 13	8.6	
2135	29 791	C 2267	1203	9395	56 34.19	8107	119	29 51 52.1	478	537	12.8	+ 16	- 26	9.0	F 5
2136	29 792	C 2268	1207	9403	4 56 43.80	+3.8121	+0.0119	29 54 27.1	+ 5.464	-538	12.8	- 2	0	9.4	G
2137	24 730	B 1606			56 55.12	6548	101	24 21 39.5	448	515	11.5	+ 50	+ 73	8.6	G 5
2138	27 719				57 2.65	7567	111	28 0 33.7	437	530	13.9			9.5	
2139	24 733	B 1611	1227		57 16.16	6504	100	24 11 13.8	419	515	9.8	- 10	- 31	8.4	B 9
2140	25 770	C 2269	1220		57 17.48	6904	104	25 39 0.3	417	520	11.8	- 6	+ 16	9.1	
2141	30 767	L 1836			4 57 21.82	+3.8318	+0.0120	30 32 33.9	+ 5.410	-540	13.5	+ 17	- 13	9.4	
2142	25 773	C 2270	1239		57 53.21	6906	104	25 38 32.2	367	520	10.9	+ 51	- 8	8.6	G 5
2143	24 738	B 1615			57 53.21	6553	99	24 21 6.6	367	515	13.0	+ 2	- 24	9.0	
2144	30 769	L 1838			57 57.17	8314	119	30 30 42.5	361	541	9.8	+ 17	- 4	8.6	A 0
2145	31 855	L 1842			58 20.10	8585	122	31 23 19.2	329	545	12.1	+ 4	+ 7	9.4	
2146	24 739	C 2271	1251		4 58 20.48	+3.6691	+0.0101	24 50 54.8	+ 5.329	-517	10.2	+ 56	- 92	8.0	G 5
2147	29 798	C 2272		9461	58 27.88	8097	115	29 46 34.7	318	538	10.0	+ 21	- 36	8.6	A
2148	30 772	C 2273	1249		58 29.51	8275	118	30 22 5.6	315	541	10.2	0	+ 14	6.39	K 0
2149	28 738	C 2274			58 42.14	7733	111	28 32 1.7	298	533	13.1			9.4	
2150	29 800	C 2275		9477	58 43.97	8019	114	29 30 13.3	295	537	9.8	- 21	+ 1	8.0	A 0

2101. Number of observations 37.
2116, 2117. Σ 623, magnitudes 8.3 and 6.8.

2104, 2109, 2126, 2127, 2132, 2142. Number of observations 6.
2124. Burnham 2462. 2131, 2132. Burnham 2468.

2107. Burnham 2441. 2109. Burnham 2444.
2133. Burnham 2470. 2147. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^s .0001.	Dec. ["] .001.		
	°				h m s	s	s	° ' "	"	"					
2151	30 774	C 2276	1257		4 58 48.32	+3.8251	+0.0116	30 16 42.4	+ 5.290	-0.540	12.6	+ 10	0	9.0	
2152	30 775	L 1847	1258		58 49.68	8244	116	30 15 14.8	287	540	12.0	+ 23	+ 20	9.06	K
2153	27 723	C 2278	1261-2	9484	59 0.21	7457	108	27 34 16.2	273	529	11.8	+ 6	- 6	6.48	A 2
2154	28 741	C 2279			59 4.16	7762	111	28 37 16.7	267	534	11.8			9.1	F 5
2155	30 778				59 7.13	8404	118	30 46 28.4	263	542	14.9			9.5	
2156	30 778	L 1849			4 59 8.07	+3.8404	+0.0118	30 46 24.3	+ 5.262	-0.542	13.8	+ 16	- 26	9.4	
2157	29 801	C 2280			59 13.58	8018	113	29 29 12.7	253	538	13.7			9.4	
2158	29 802	C 2281		9490	59 14.66	8126	115	29 51 1.8	252	539	11.4	- 48	+ 39	7.91	K 0
2159	26 781	C 2283			59 14.94	7228	105	26 45 28.2	252	526	13.6	+ 11	+ 31	9.0	
2160	26 780	C 2284	1270	9493	59 14.99	7182	105	26 35 46.3	252	525	11.8	+ 16	- 24	7.42	A 2
2161	27 726	C 2286			4 59 38.11	+3.7452	+0.0107	27 32 8.7	+ 5.219	-0.530	12.8			9.4	
2162	26 782	C 2287	1284		59 43.11	7103	103	26 18 1.8	212	524	12.8	- 11	+ 29	9.4	
2163	26 783	C 2288	1298-300	9531	5 0 19.01	7109	102	26 18 25.8	162	524	9.4	- 4	+ 1	6.56	B 5
2164	30 781	C 2289			0 22.93	8233	114	30 10 19.9	156	541	12.6	- 28	- 7	9.4	
2165	24 745	B 1635	1306-7		0 28.72	6515	95	24 8 39.1	147	516	11.8	+ 5	- 18	9.8	
2166	29 806	C 2290		9529	5 0 29.68	+3.8075	+0.0112	29 38 35.7	+ 5.146	-0.540	9.3	+ 21	- 52	8.0	F 2
2167	26 785	C 2292	1315-6		0 59.13	7133	101	26 22 30.0	105	526	9.8	+ 22	0	8.7	
2168	29 809	C 2294			1 16.23	8173	112	29 56 51.0	081	541	11.2	- 8	- 52	8.66	A 2
2169	24 750	B 1638	1334		1 26.73	6555	95	24 16 8.1	066	518	10.7	+ 18	- 8	9.0	A 0
2170	26 787	C 2298	1328	9566	1 29.20	7278	103	26 52 32.0	063	528	9.6	- 8	+ 10	8.4	A p
2171	30 786	L 1863			5 1 40.48	+3.8394	+0.0114	30 40 6.1	+ 5.047	-0.544	10.8	+ 13	+ 17	9.4	
2172	30 785	L 1862	1332		1 40.61	8496	115	30 59 59.7	046	545	12.6	- 19	+ 33	9.1	
2173	30 788	L 1866			1 43.27	8380	113	30 37 5.4	043	543	12.0	+ 18	- 7	9.4	
2174	30 790	L 1868			1 50.22	8347	112	30 30 17.1	033	544	12.6	- 2	- 17	9.4	A
2175	29 813	C 2300			2 7.96	8213	110	30 3 22.8	008	542	13.4	- 11	+ 4	9.1	
2176	24 753	B 1640	1349		5 2 9.94	+3.6679	+0.0094	24 42 24.3	+ 5.005	-0.520	12.9	+ 20	+ 19	9.4	F 5
2177	26 789	C 2302	1358-9	9595	2 21.95	7097	99	26 12 39.1	4.988	526	10.8	- 61	- 60	8.0	G 5
2178	28 750	C 2303	1360	9596	2 29.29	7683	105	28 15 30.9	978	534	12.0	+ 25	- 39	8.4	F 2
2179	30 794	L 1870	1351-2-3		2 31.70	8519	114	31 2 59.7	974	546	11.2	+ 13	- 45	8.6	A 3
2180	24 755	B 1645	1370	9612	2 37.47	6530	94	24 8 49.2	966	518	11.0	+ 2*	- 11*	5.50	B 3
2181	30 796	L 1871	1364		5 2 42.51	+3.8301	+0.0110	30 19 50.9	+ 4.958	-0.543	11.0	- 8	- 17	9.0	A 0
2182	28 751	C 2305	1373-4	9618	2 56.03	7657	103	28 9 22.1	940	534	9.4	+ 9	+ 7	7.00	A 2
2183	31 865	L 1878	1386		3 32.13	8693	114	31 34 41.2	889	549	10.7	- 7	- 2	8.6	
2184	29 820	C 2308	1394		3 35.81	8053	106	29 28 54.6	884	541	11.5	+ 58	- 143	9.1	G 5
2185	27 731	C 2301	1403-4-5		3 42.32	7383	100	27 11 2.5	875	530	12.6	- 11	- 28	9.4	K 2
2186	29 821	C 2309			5 3 42.95	+3.8158	+0.0108	29 49 50.4	+ 4.874	-0.542	12.0	+ 22	- 33	8.6	A 3
2187	28 753	C 2311	1402		3 45.54	7911	105	29 0 4.4	869	539	12.2	- 10	- 22	8.8	A 0
2188	29 822	C 2312	1414		3 59.76	8116	107	29 41 1.1	850	541	9.7	+ 18	+ 5	6.61	F 8
2189	28 754	C 2313	1415-6		4 0.42	7921	105	29 1 44.1	850	538	12.8	- 30	- 11	8.8	G 5
2190	27 732	C 2315	1421	9653	4 5.90	7596	101	27 55 0.8	841	534	12.1	+ 34	- 57	5.97	A 3
2191	27 732	C 2316			5 4 6.36	+3.7597	+0.0101	27 55 11.8	+ 4.841	-0.534	11.3	+ 34	- 57	8.6	
2192	25 786	C 2317			4 9.61	6953	95	25 39 2.8	835	525	13.6	- 17	- 17	9.4	
2193	31 867	L 1885	1422	9651	4 15.70	8773	115	31 49 1.3	827	550	11.0	+ 15	- 57	7.8	A 5
2194	27 733	C 2321	1428		4 21.77	7487	100	27 31 51.0	818	532	13.8	+ 151	- 55	9.1	
2195	27 734	C 2322	1433	9661	4 25.02	7462	99	27 26 39.2	814	532	12.3	+ 154	- 104	6.91	F 5
2196	26 794	C 2323			5 4 26.84	+3.7227	+0.0098	26 37 11.4	+ 4.811	-0.528	13.4	+ 37	- 19	9.1	
2197	30 803	L 1886			4 28.52	8356	108	30 27 50.6	809	545	10.8	+ 21	- 112	7.66	F 8
2198	26 795	C 2324	1436		4 28.85	7233	98	26 38 25.7	809	528	12.0	+ 28	- 37	9.4	
2199	30 804	L 1888			4 48.68	8426	109	30 41 4.1	780	546	10.0	- 14	+ 14	6.91	K 0
2200	24 770	C 2326			4 55.52	6697	91	24 42 17.4	770	522	12.8			9.4	

2153. Burnham 2490. Number of observations 8.
 2156, 2171, 2180. Number of observations 6.
 2190, 2191. Burnham 2544.

2154. Burnham 2491.
 2180. Burnham 2531.
 2191. Number of observations 4.

2155, 2156. Burnham 2492.
 2188. Burnham 2542.

2155. Number of observations 3.
 2190. Number of observations 11.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.001.	Dec. 0.001.		
2201	28 755	C 2328	1456-9		h m s	s	s	o ' "	"	"					
2202	31 871	L 1891	1453-5	9682	5 5 3.93	+3.7807	+0.0102	28 36 53.7	+ 4.759	-536	11.4	- 22	- 1	8.4	A 0
2203					5 10.13	8814	114	31 55 32.7	750	552	12.7	- 90	+ 1	7.9	G 5
2204		C 2330	1-2-3-4		5 10.42	8814	114	31 55 34.9	750	552	7.1	- 90	+ 1		8.46	G 5
2205	31 872	L 1892			5 13.26	6789	91	25 2 0.2	746	523	11.8	- 23	- 210		
2206	24 773	C 2333			5 13.99	8800	113	31 52 34.9	745	552	13.5	- 15	- 26	9.1	
2207	24 773	C 2333			5 5 19.02	+3.6714	+0.0090	24 45 29.6	+ 4.738	-522	12.9	- 26	- 35	9.0	
2208	30 808	C 2331			5 20.20	8279	107	30 11 23.4	736	545	12.4	- 54	+ 30	8.66	K 0
2209	24 774	B 1664			5 22.86	6586	90	24 17 29.3	732	520	13.8	+ 5	- 24	9.0	
2210	29 829	C 2332	1468-9		5 22.94	8124	105	29 40 22.3	732	542	12.2	+ 18	- 45	8.5	F 5
2211	29 830	C 2335	8-9		5 34.75	8110	104	29 37 8.0	715	542	12.6	+ 3	- 20	7.01	A 0
2212	28 757	C 2337	10-11	9704	5 5 39.28	+3.7890	+0.0102	28 52 50.2	+ 4.709	-538	10.9	- 17	- 8	8.1	A 0
2213	30 812	L 1894			5 41.26	8436	107	30 41 38.3	707	547	12.0	- 13	+ 27	6.76	K 0
2214	30 776	B 1669			5 49.73	6591	89	24 17 57.6	694	521	12.4	+ 29	- 37	9.4	
2215	31 875	L 1895	14		5 52.62	8699	110	31 32 3.6	690	551	13.2	- 36	- 21	9.4	
2216	29 833	C 2338	22		5 54.41	8164	104	29 47 35.6	688	543	11.7	- 8	- 18	6.72	Ma
2217	24 779	B 1673	73		5 6 12.54	+3.6692	+0.0089	24 39 28.1	+ 4.661	-523	12.4	+ 33	- 37	9.1	
2218	29 834	C 2341			6 16.40	8050	102	29 24 7.5	657	541	11.8	+ 25	+ 10	9.4	
2219	30 818	C 2342	43-4		6 41.76	8266	104	30 6 33.0	620	544	9.2	- 18	- 38	8.56	F 8
2220	24 782	B 1674	53		6 42.26	6562	88	24 10 12.4	620	521	9.9	- 4	- 6	8.0	F 0
2221	30 819	C 2343	45		6 45.25	8282	104	30 9 45.4	616	545	12.4	- 4	- 17	9.5	
2222	26 796	C 2344	54		5 6 47.10	+3.7167	+0.0094	26 20 56.6	+ 4.613	-529	9.4	- 40	- 120	6.84	G 5
2223	30 820	L 1903	49		6 50.76	8334	105	30 19 42.5	607	546	13.4	+ 2	- 6	9.4	A 5
2224	28 759	C 2345	55		6 54.25	7888	100	28 50 24.3	603	539	12.4	- 1	- 4	8.8	A 0
2225	27 737	C 2347	57		6 56.25	7495	95	27 29 43.2	600	534	13.2	- 15	+ 18	9.0	K 0
2226	30 822	L 1904			7 2.13	8511	106	30 54 6.3	592	549	14.3	- 7	- 52	9.4	F 5
2227	26 797	C 2348	64-6-7		5 7 3.30	+3.7112	+0.0092	26 9 1.4	+ 4.590	-529	13.0	- 16	- 51	8.4	F 8
2228	29 835	C 2349			7 8.45	8004	101	29 13 37.3	583	541	13.5	+ 53	- 9	9.4	A 2
2229	31 883	L 1912	70		7 25.80	8850	109	31 58 37.5	558	554	11.4	- 8	- 5	8.5	
2230	29 837	C 2352			7 33.02	8202	102	29 52 28.4	548	544	12.4	- 15	- 17	9.1	B 9
2231	24 787	B 1676	93-4		7 33.76	6599	87	24 17 22.5	546	522	11.6	- 17	- 22	7.8	F 5
2232	30 825	L 1914	80		5 7 38.08	+3.8503	+0.0106	30 51 32.7	+ 4.541	-548	12.6	+ 28	+ 10	8.7	K 0
2233	31 886	L 1915	85-6		7 43.56	8657	106	31 21 16.4	532	552	12.0	- 4	- 26	8.6	A 3
2234	29 838	C 2353			8 1.09	8047	100	29 20 49.4	509	542	13.6	- 5	- 5	9.1	
2235	31 888	L 1917	98-9		8 7.78	8695	105	31 27 56.2	498	551	13.1	+ 5	- 12	8.8	K 2
2236	25 800	C 2355			8 7.97	6843	89	25 9 48.5	498	526	13.9	+ 10	- 32	8.8	
2237	24 788	C 2356			5 8 8.20	+3.6807	+0.0088	25 1 57.2	+ 4.498	-525	14.1	+ 5	- 21	9.4	
2238	28 761	C 2358	107		8 17.08	7685	95	28 7 3.2	485	537	14.2	+ 34	+ 5	9.0	G 5
2239	24 791	C 2359	114		8 22.53	6740	88	24 47 8.9	477	524	12.8	- 5	- 17	9.0	
2240	31 891	L 1921			8 24.39	8823	108	31 52 4.1	475	554	14.1	- 19	- 6	9.4	F
2241	30 827	L 1923	111	9768-9	8 29.02	8336	102	30 17 39.7	468	547	10.2	- 26	+ 6	7.21	F 0
2242	31 894	L 1925	115		5 8 42.88	+3.8741	+0.0107	31 35 49.7	+ 4.448	-553	11.8	+ 4	- 2	8.6	A 0
2243	29 842	C 2361			8 48.42	8252	101	30 0 37.3	441	546	12.2	- 7	- 2	8.6	
2244	31 895	L 1927	120-1-2-3		8 51.26	8648	105	31 17 54.2	437	553	11.3	- 6	- 46	6.78	K 0
2245	30 829	L 1928	124	9774-7	8 52.16	8423	102	30 34 3.7	435	549	12.2	+ 9	- 10	7.9	A 0
2246	25 804	C 2363	130-1-2	9786	8 57.45	7029	89	25 48 48.1	428	528	12.2	+ 10	- 22	7.8	A 2
2247	29 843	C 2362			5 9 0.35	+3.8011	+0.0098	29 12 19.1	+ 4.424	-542	13.6	+ 21	- 26	9.4	
2248	30 832	L 1929	133		9 10.54	8542	103	30 56 48.9	410	550	13.0	- 12	- 19	8.0	A 0
2249	31 898	L 1930	134-5-6		9 12.93	8757	104	31 37 59.1	406	553	12.0	+ 4	+ 7	8.2	B 8
2250	30 835	L 1932	144		9 22.56	8394	101	30 27 38.2	390	548	13.0	- 5	+ 16	9.0	A 0
2250	29 845	C 2364			9 24.92	7991	97	29 7 34.4	389	542	13.0	+ 10	- 48	9.1	

2202, 2203. Σ 648, magnitudes 7.4 and 8.1.
2226. Burnham 2569.

2203. Number of observations 1.
2236. Number of observations 4.

2207, 2222, 2226, 2239, 2242, 2246. Number of observations 6.
2241. Burnham 2580.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s "	° ' "	"	"					
2251	30 836	C 2366			5 9 36.56	+3.8327	+0.0100	30 14 16.9	+ 4.372	-0.548	13.5	+ 34	- 31	9.8	
2252	31 901	L 1936			9 39.94	8781	103	31 41 53.1	367	553	12.5	+ 39	- 32	8.8	A
2253	24 797	C 2367			9 44.45	6769	86	24 51 39.3	362	525	14.3	- 9	- 20	9.4	
2254	24 798	B 1687			9 49.37	6646	85	24 24 52.7	354	524	12.8	+ 30	- 22	9.0	
2255	25 806	C 2368			9 51.89	6933	86	25 26 49.4	350	528	13.6	+ 13	- 9	9.1	
2256	29 847	C 2369			5 10 3.73	+3.8067	+0.0096	29 21 57.4	+ 4.333	-0.544	13.0	+ 41	- 45	9.0	G 5
2257	30 838	L 1939		9797-9	10 7.88	8379	99	30 23 43.2	327	548	11.6	+ 22	- 26	8.0	A 2
2258	31 905	L 1940	165-6		10 17.69	8789	103	31 42 42.2	313	554	10.1	+ 3	- 4	8.4	B 9
2259	26 799	C 2372			10 20.51	7384	90	27 1 42.6	309	534	12.4	+ 7	- 114	9.4	
2260	24 803	C 2373			10 21.05	6739	84	24 44 17.6	309	525	13.2	+ 16	- 4	9.0	
2261	25 807	C 2374	178	9809	5 10 26.60	+3.7051	+0.0087	25 51 22.3	+ 4.300	-0.529	11.8	- 15	- 19	7.90	A 0
2262	25 808	C 2375	179		10 26.71	6883	85	25 15 26.5	300	527	12.6	+ 14	+ 19	8.5	
2263	29 849	C 2376			10 32.60	8037	95	29 15 20.8	292	543	13.2	+ 41	- 61	9.0	F 8
2264	28 766	C 2377			10 33.61	7726	94	28 12 10.2	290	540	13.2	+ 2	- 19	9.0	G 5
2265	28 767	C 2378			10 34.89	7968	94	29 1 22.4	289	542	13.8	+ 2	- 48	9.4	A
2266	27 743	C 2380			5 10 45.59	+3.7595	+0.0091	27 45 5.2	+ 4.273	-0.537	13.6	- 5	+ 7	9.4	G 0
2267	26 800	C 2382	191-5		10 48.57	7380	90	27 0 29.7	269	535	11.6	+ 44	- 19	8.8	
2268	28 769	C 2384			10 52.94	7695	91	28 5 23.0	263	540	10.5	- 7	- 8	8.4	K 0
2269	28 770	C 2385			10 59.54	7851	93	28 37 4.2	253	542	14.1	+ 13	+ 24	9.4	
2270	30 844	L 1949			11 1.18	8350	98	30 16 45.3	252	549	14.2	+ 1	- 32	9.4	A 0
2271	31 910	L 1951		9819	5 11 11.57	+3.8711	+0.0100	31 26 27.2	+ 4.236	-0.553	11.2	+ 12	- 19	8.2	A 5
2272	23 885	B 1692	202		11 11.67	6546	82	24 1 2.4	236	523	13.0	- 38	- 39	9.1	
2273	27 744	C 2388			11 14.01	7559	90	27 37 4.6	233	537	13.8	+ 54	+ 2	9.0	
2274	31 911	L 1953	206		11 20.89	8887	101	31 59 45.7	223	555	14.1	- 12	- 25	9.0	A
2275	24 807	C 2389			11 27.04	6823	84	25 1 10.3	215	527	13.4	+ 16	- 76	9.0	
2276	28 772	C 2390	207	9827	5 11 33.93	+3.7910	+0.0092	28 48 22.1	+ 4.205	-0.542	10.6	+ 30	- 17	6.89	F 0
2277	27 745	C 2391			11 34.13	7465	89	27 17 3.4	205	536	13.4	- 47	- 69	9.4	
2278	31 914	L 1958	208	9824	11 41.36	8804	100	31 43 31.8	195	555	9.6	- 4	- 9	8.0	K 5
2279	27 746	C 2392			11 42.05	7576	89	27 39 59.0	193	538	11.5	- 5	+ 30	8.7	F 5
2280	25 812	C 2393	222		11 50.42	7095	85	25 59 5.0	182	531	12.3	- 44	+ 39	8.8	
2281	30 849	L 1968			5 12 32.51	+3.8533	+0.0097	30 50 14.9	+ 4.121	-0.552	10.7	- 2	- 20	9.0	F 8
2282	28 773	C 2396	246	9855-6	12 34.38	7881	91	28 41 3.3	119	542	10.3	- 47	- 19	7.25	A 3
2283	31 915	L 1970	238		12 36.35	8777	99	31 37 8.9	116	555	11.3	- 10	+ 26	8.7	
2284	30 851	L 1973			12 43.00	8363	95	30 16 53.9	106	550	12.0	- 2	- 27	8.8	K 0
2285	29 858	C 2399			12 49.66	8211	93	29 46 54.5	096	547	12.2	+ 9	- 25	9.1	
2286	28 774	C 2400		9866	5 12 59.44	+3.7919	+0.0090	28 48 10.7	+ 4.084	-0.542	12.0	+ 16	- 15	8.8	A
2287	27 750	C 2401	264	9872	13 2.87	7681	88	27 59 42.5	078	540	9.9	- 15	0	8.4	A 2
2288	29 860	C 2402	263		13 5.15	8166	92	29 37 34.1	075	547	11.0	+ 6	- 31	8.8	A 0
2289	30 854	L 1985	273		13 33.93	8563	95	30 54 41.3	034	552	11.2	+ 15	+ 9	9.0	A 0
2290	28 776	C 2406	280		13 52.25	7888	88	28 40 47.7	008	543	11.8	+ 43	- 37	9.1	B 9
2291	24 816	B 1702	285		5 13 57.54	+3.6708	+0.0079	24 33 16.5	+ 3.999	-0.526	12.3	+ 1	- 25	9.4	
2292	25 816	B 1704			14 10.67	6858	81	25 5 41.1	981	528	14.6	+ 50	- 57	9.8	
2293		C 2410			14 11.60	6858	81	25 5 27.4	979	528	13.3	+ 18	- 42	9.4	
2294	26 805	C 2409	296		14 12.05	7160	82	26 9 56.4	979	533	12.4	- 17	- 8	9.0	
2295	28 777	C 2408		9911	14 13.97	7718	86	28 5 45.6	977	540	13.0	+ 26	- 21	9.4	G
2296	30 860	L 1991	287		5 14 14.68	+3.8415	+0.0092	30 25 2.2	+ 3.975	-0.551	13.7	- 4	+ 10	9.4	A 5
2297	26 806	C 2411			14 16.08	7397	84	26 59 27.2	974	536	14.2	+ 8	- 63	9.1	
2298	31 921	L 1993			14 28.56	8719	97	31 23 15.9	955	555	14.1	+ 20	- 42	9.4	
2299	24 818	C 2412	304		14 39.22	6814	79	24 55 25.9	941	528	10.6	+ 2	+ 5	8.96	A
2300	31 922	L 1995			14 43.39	8773	96	31 33 29.3	935	556	13.5	- 1	- 21	9.4	

2251, 2253, 2255, 2256, 2259, 2262, 2265, 2266, 2269, 2270, 2293. Number of observations 4. 2256. Burnham 2601. 2262. Σ 662.
 2280. Σ 671. 2282, 2291. Number of observations 6. 2292, 2293. Σ 679, magnitudes 9.1 and 8.7. 2292. Number of observations 2.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^s .0001.	Dec. ^s .0001.		
2301	25 818	C 2413	307-8		h m s	s	s	° ' "	"	"		9	5	8.36	A 2
2302	27 755	C 2414			14 55.28	7687	85	27 58 33.6	918	541	12.6	+ 16	+ 6	9.4	
2303	28 779	C 2415	317	9933	15 2.98	7932	87	28 48 6.5	907	544	10.6	- 16	+ 53	8.5	G 5
2304	30 862	L 1999	309-10		15 4.39	8584	93	30 56 39.4	905	553	12.0	- 4	0	9.0	A
2305	23 899	B 1713	325		15 5.65	6566	77	24 1 7.1	902	525	13.0	0	- 67	8.5	F 5
2306	25 820	C 2418	332-86		5 15 19.24	+3.7019	+0.0080	25 38 36.1	+ 3.884	-532	10.8	- 15	0	8.6	
2307	27 758	C 2417		9944-5	15 20.13	7657	85	27 52 0.4	882	540	12.0	- 19*	- 30*	6.30	B 9
2308	27 759	C 2419			15 22.24	7709	84	28 2 30.8	879	541	11.3	- 11	+ 1	9.4	
2309	29 869	C 2420	331	9947	15 29.09	8138	88	29 28 45.8	869	547	11.3	+ 2*	+ 1*	5.72	A 0
2310	27 762	C 2421			16 0.59	7508	83	27 20 32.8	825	538	11.0	+ 9	+ 14	9.4	
2311	31 939	L 2012	350	9966	5 16 20.53	+3.8699	+0.0092	31 16 59.7	+ 3.795	-556	9.3	+ 2	+ 25	8.02	F 5
2312	26 809	C 2423			16 27.24	7403	81	26 58 5.8	786	537	11.5	- 14	+ 36	9.0	
2313	29 874	C 2424			16 47.44	8055	85	29 10 34.2	758	546	12.6	+ 45	- 38	8.8	
2314	27 765	C 2425			16 55.02	7710	82	28 0 53.6	746	541	11.8	+ 37	- 10	9.0	
2315	28 782	C 2426			17 0.27	7816	84	28 22 26.6	739	543	13.6	+ 8	- 21	8.7	A
2316	28 783	C 2427		9998	5 17 7.65	+3.7903	+0.0083	28 39 41.6	+ 3.728	-544	12.0	+ 47	- 68	8.7	F 8
2317	31 947	L 2015	367		17 15.85	8639	91	31 4 32.6	716	555	13.8	+ 39	- 8	9.4	
2318	29 876	C 2428	374	10001	17 15.99	8198	86	29 38 35.1	716	548	10.4	- 3	- 29	7.76	B 9
2319	24 824	C 2431	384		17 16.37	6853	75	25 0 58.5	716	530	13.9	+ 23	- 31	9.5	
2320	31 948	L 2016	370-1		17 17.56	8639	91	31 4 19.7	713	555	12.6	+ 12	+ 8	8.6	A 0
2321	28 785	C 2429		10007-8	5 17 17.82	+3.8006	+0.0084	29 0 17.0	+ 3.713	-545	11.8	- 14	+ 21	8.0	K 0
2322	31 949	L 2017			17 19.33	8830	92	31 40 47.4	712	557	13.6	- 17	- 14	8.8	
2323	28 787	C 2432	382	10013-4	17 20.65	7821	83	28 22 59.4	709	543	9.7	- 27	- 27	7.36	A 3
2324	28 788	C 2435	391	10026-7	17 40.82	7963	83	28 51 6.2	681	544	10.0	+ 19*	- 30*	6.39	B 9
2325	29 878	C 2436	394	10031	17 49.95	8184	84	29 35 1.2	667	548	9.4	- 13	- 8	8.6	K 2
2326	30 871	C 2437			5 18 5.59	+3.8359	+0.0086	30 9 8.5	+ 3.645	-552	10.8	+ 7	- 15	9.1	
2327	29 880	C 2438	405		18 16.80	8203	84	29 38 23.4	629	549	11.1	+ 27	- 20	9.4	
2328	24 826	C 2439	411-2-4	10056	18 29.43	6820	74	24 52 35.6	612	530	9.5	- 15	- 45	8.2	A 2
2329	30 873	C 2440	413		18 42.83	8349	85	30 6 31.1	591	551	11.8	+ 1	+ 22	9.11	F 5
2330	30 876	L 2026			18 48.31	8471	86	30 30 14.7	584	551	10.1	- 27	- 33	8.6	K 2
2331	31 954	L 2027	419	10057-8	5 18 50.22	+3.8670	+0.0086	31 8 27.1	+ 3.581	-556	9.9	- 35	- 45	6.37	K 0
2332	31 955	L 2028	420	10059-60	18 50.45	8645	86	31 3 35.9	581	556	9.3	- 9*	- 9*	5.93	B 9
2333	28 792	C 2443			19 16.77	7988	81	28 54 28.0	543	547	12.4	+ 23	- 64	9.4	
2334	23 911	B 1727	444		19 18.36	6588	72	24 1 28.7	541	527	12.8	- 2	- 29	9.1	
2335	30 882	C 2445	443		19 33.21	8347	84	30 5 6.8	520	552	12.2	+ 5	- 4	8.76	B 8
2336	29 886	C 2446			5 19 33.87	+3.8179	+0.0082	29 31 59.3	+ 3.518	-549	12.6	+ 12	- 55	8.5	Cont.
2337	29 888	C 2447	449		19 41.89	8057	80	29 7 39.6	507	547	13.0	+ 26	+ 9	8.5	K 5
2338	30 885	L 2041	451		19 49.16	8513	84	30 37 5.0	497	555	13.4	- 12	+ 5	9.4	A 0
2339	30 887	L 2042	452		19 51.09	8510	84	30 36 23.2	494	554	13.6	- 2	+ 4	9.4	A
2340	30 886	L 2043			19 54.01	8594	85	30 52 37.8	490	556	12.5	+ 22	- 15	8.8	
2341	27 769	C 2448			5 19 57.04	+3.7688	+0.0078	27 52 59.4	+ 3.485	-542	13.5	- 14	- 8	9.1	A
2342	30 888	L 2045			19 59.85	8406	83	30 16 1.8	481	552	13.8	+ 2	- 4	8.6	A 0
2343	31 960	L 2044	454-5		20 0.33	8941	87	31 58 24.0	481	561	13.4	+ 46	- 51	9.4	
2344	30 891	C 2450			20 26.14	8377	82	30 9 54.2	444	552	13.8	- 1	- 6	9.4	
2345	25 828	C 2452	471-3		20 28.11	7055	72	25 40 47.1	441	534	11.4	- 19	- 8	8.0	F 5
2346	29 893	C 2451			5 20 29.58	+3.8298	+0.0081	29 54 25.6	+ 3.438	-551	12.8	+ 7	- 3	8.06	B 9
2347	30 892	L 2052			20 32.65	8406	82	30 15 26.8	434	552	12.0	+ 28	- 60	8.6	F 5
2348	28 795	C 2453	474	10114-23	20 36.08	7884	78	28 31 55.8	429	546	11.0.11.2	+ 24*	- 177*	1.78	B 8
2349	28 796	C 2454			20 43.33	7803	78	28 15 31.4	419	544	14.2	- 37	+ 7	9.4	
2350	23 914	B 1739	488		20 47.55	6592	69	24 0 53.6	412	527	13.5	- 12	- 51	9.1	

2301 2324, 2331, 2341. Number of observations 6. 2304, 2350. Number of observations 4. 2306. Burnham 2659. 2313. Burnham 2674.
 2317, 2320. Σ 691. 2328. Σ 694. 2347. Σ 706. 2348. Number of observations 84.

No.	B.D.	A.G.C.	W.B. (z).	Lalande.	R.A. 1910.0.	Procession.	Var. Sec.	Dec. 1910.0.	Procession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
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2351	26 817	C 2456			5 21 0.55	+3.7413	+0.0074	26 55 14.0	+ 3.393	-540	14.0	- 34	- 3	9.1	
2352	30 894	L 2059			21 1.19	8448	81	30 23 10.4	393	553	14.0	- 2	+ 14	8.6	K 2
2353	31 966	L 2060			21 3.27	8666	83	31 5 15.3	391	558	14.3	+ 36	- 6	9.1	
2354	25 830	C 2459	498		21 10.11	6925	70	25 12 19.2	380	532	14.4	+ 27	- 27	8.6	
2355	28 798	C 2458			21 11.13	7876	77	28 29 49.5	379	545	14.3	+ 22	- 15	9.1	
2356	24 831	C 2460	500-1		5 21 11.83	+3.6849	+0.0070	24 56 0.2	+ 3.378	-531	13.0	- 10	+ 10	8.31	A 5
2357	25 831	C 2461	504-5		21 15.12	7057	71	25 40 24.7	373	534	13.3	- 20	+ 17	8.6	
2358	31 968	L 2064			21 19.27	8358	85	31 41 17.8	368	560	14.2	+ 15	- 16	9.4	
2359	27 771	C 2464	507	10156	21 22.49	7593	75	27 31 57.9	363	542	13.4	+ 10	- 21	7.8	F 8
2360	30 898	C 2462		10143	21 22.67	8372	80	30 7 51.0	362	553	12.9	0*	- 19*	5.72	B 9
2361	29 897	C 2466		10149	5 21 25.32	+3.8284	+0.0080	29 50 36.6	+ 3.359	-551	12.8	+ 8	- 20	8.0	K 5
2362	26 819	C 2467	513		21 31.55	7296	72	26 30 23.4	349	538	13.8	+ 18	- 5	9.0	
2363	30 900	L 2068			21 33.86	8569	81	30 45 58.2	346	556	14.0	- 5	- 6	9.4	
2364	31 973	L 2071			21 39.79	8744	84	31 19 21.2	337	558	12.0	+ 6	+ 6	8.4	B 8
2365	24 833	B 1744			21 40.19	6629	68	24 8 5.8	337	528	12.6	+ 19	- 31	8.7	
2366	30 902	L 2073			5 21 44.55	+3.8584	+0.0081	30 48 39.0	+ 3.373	-556	12.6	+ 13	- 33	8.7	K 0
2367	31 974	L 2079			21 54.94	8951	84	31 58 17.5	316	561	12.6	+ 27	- 15	9.0	A 2
2368	24 835	B 1746			22 2.12	6776	68	24 39 25.4	306	531	12.4	+ 32	+ 8	8.8	
2369	26 821	C 2468	528-9		22 10.96	7172	70	26 3 44.1	293	536	12.0	+ 14	- 10	9.1	
2370	30 906	L 2086	530	10174	22 24.35	8513	79	30 34 8.3	274	555	9.2	+ 2	+ 1	8.4	K 0
2371	31 982	L 2097			5 23 35.41	+3.8766	+0.0080	31 21 15.7	+ 3.172	-560	10.2	- 21	- 46	8.7	
2372	24 840	B 1758			23 37.93	6640	65	24 8 31.0	168	529	11.2	0	- 19	9.4	
2373	25 839	B 1760	582-3-6	10232	23 43.93	6901	67	25 4 37.3	159	533	9.9	+ 15*	- 34*	6.6	
2374	25 839	B 1761	584-7-8	10231-3	23 44.12	6901	67	25 4 41.9	159	533	10.3	+ 15*	- 34*	5.44	A 0
2375	28 808	C 2471			23 47.38	7994	73	28 50 37.7	155	548	11.6	+ 13	- 12	9.4	
2376	27 778	C 2473	589		5 23 51.77	+3.7675	+0.0072	27 46 16.7	+ 3.147	-542	11.8	+ 8	- 9	8.8	F 0
2377	29 909	C 2474	590-1	10235-6	23 57.46	8076	74	29 6 55.5	140	549	8.0	+ 38	- 64	6.24	F 5
2378	30 912	L 2107			23 59.45	8508	77	30 31 34.3	137	556	9.4	- 4	- 46	8.6	K 0
2379	26 826	C 2476	602	10247	24 6.79	7412	70	26 51 55.0	126	540	10.0	- 3	- 11	8.4	A 0
2380	26 827	C 2477			24 7.95	7461	70	27 2 9.7	124	541	13.4	- 17	+ 9	9.4	
2381	29 910	C 2478			5 24 18.07	+3.8273	+0.0074	29 45 25.0	+ 3.110	-552	12.2	+ 4	- 3	8.8	
2382	30 913	L 2110			24 21.47	8466	75	30 22 55.0	106	555	12.4	- 9	+ 6	8.8	A 0
2383	29 911	C 2479	604	10255	24 22.01	8188	73	29 28 40.9	104	551	10.4	+ 18	- 31	7.16	G 5
2384	31 989	L 2112			24 30.89	8891	80	31 43 55.6	101	562	11.4	+ 5	- 29	7.7	A 0
2385	31 991	L 2114	607-8		24 39.81	8727	78	31 12 42.5	078	560	12.2	+ 16	- 3	7.8	A 0
2386	31 992	L 2115			5 24 46.35	+3.8799	+0.0078	31 26 27.8	+ 3.070	-560	11.3	+ 2	0	7.76	K 5
2387	25 842	C 2482	616		24 52.49	7156	67	25 57 43.6	061	536	12.8	+ 19	- 18	8.8	
2388	25 843	C 2483	619-20	10281	24 54.60	6958	66	25 15 46.3	057	533	11.3	+ 1	- 17	8.1	A 3
2389	31 993	L 2116	613		24 59.13	8749	77	31 16 43.4	051	559	13.2	- 9	- 46	9.1	
2390	30 917	L 2117	614		25 0.08	8651	76	30 58 5.0	049	559	11.4	+ 41	- 41	8.7	F 8
2391	26 829	C 2485	630		5 25 26.85	+3.7317	+0.0067	26 30 56.1	+ 3.011	-539	12.2	+ 14	+ 7	8.6	F 5
2392	27 783	C 2487	636	10304	25 43.27	7663	68	27 42 5.9	2.988	544	10.8	- 6	- 48	7.50	F 8
2393	31 998	L 2121	631		25 44.02	8804	76	31 26 31.2	986	560	11.6	- 26	- 19	8.4	K 0
2394	30 922	L 2123			25 56.98	8681	75	31 2 47.3	967	559	11.8	+ 8	- 12	9.4	
2395	29 921	C 2489		10312	26 4.56	8164	71	29 22 12.4	956	551	11.4	- 15	- 55	8.6	G 5
2396	30 923	L 2124	647		5 26 6.03	+3.8623	+0.0074	30 51 35.0	+ 2.954	-558	11.8	+ 25	- 3	9.1	
2397	28 813	C 2490	651-2	10317	26 12.31	8036	70	28 56 47.8	946	550	11.8	- 6	- 5	8.7	F 0
2398	26 834	C 2492	660		26 19.97	7350	65	26 37 5.1	934	540	12.0	- 3	- 16	7.7	K 2
2399	24 846	C 2495			26 28.08	6869	63	24 55 33.8	923	532	12.1	+ 39	- 66	9.1	
2400	29 923	C 2494		10329	26 31.16	8093	70	29 7 46.1	918	551	11.7	- 31	- 57	7.8	F 5

2351, 2352, 2355, 2356, 2358, 2362, 2363, 2364. Number of observations 4. 2360. Burnham 2721. 2368. Burnham 2730. 2371, 2380. Number of observations 6.
 2373, 2374. Σ 716, magnitudes 6.6 and 5.8. 2373. Number of observations 7. 2374. Number of observations 8. 2375. Burnham 2752. 2383. Σ 719. 2393. Burnham 2777.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. ".001.		
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2401	24 847	C 2496	668		5 26 38.75	+3.6869	+0.0063	24 55 23.1	+ 2.907	-533	12.1	+ 16	- 28	9.0	
2402	29 924	C 2497			26 50.04	8158	69	29 20 20.6	891	552	11.8	- 11	- 156	8.7	G 5
2403	26 835	C 2498		10345-8	26 50.36	7439	66	26 54 57.6	891	541	11.0	- 19	- 11	7.11	B 5
2404	31 1001	L 2130	666-7	10340	26 54.85	8979	75	31 58 3.4	884	563	11.8	+ 10	+ 3	7.6	K 2
2405	26 838	C 2499	677		27 0.87	7243	63	26 14 2.1	875	538	12.5	+ 11	- 9	8.8	
2406	26 839	C 2500	680		5 27 5.15	+3.7384	+0.0064	26 43 24.1	+ 2.869	-540	13.1	- 9	+ 14	9.4	
2407	31 1003	L 2133	675	10349	27 9.08	8929	73	31 48 25.9	863	563	12.2	+ 1	- 19	7.26	A 2
2408	26 841	C 2501	683-4	10360-1	27 10.07	7373	64	26 40 55.4	862	540	11.7	+ 36	0	8.2	B 2
2409	28 818	C 2502			27 15.07	7839	67	28 16 20.1	855	548	12.1	+ 1	- 57	8.6	F 2
2410	25 852	C 2503		10371	27 23.17	7128	64	25 49 45.5	843	537	13.2	- 10	- 12	8.0	K 0
2411	24 850	B 1784	704		5 27 33.94	+3.6699	+0.0060	24 18 7.2	+ 2.827	-531	13.2	- 77	- 82	8.5	F 8
2412	27 789	C 2504			27 41.76	7714	66	27 50 31.3	816	545	13.4	- 39	- 6	9.4	
2413	25 857	C 2506			27 57.54	7011	62	25 24 33.0	793	536	13.0	- 49	- 13	9.4	
2414	24 854	B 1787		10390	27 59.49	6775	61	24 33 58.4	791	532	11.3	0	- 42	6.92	B 8
2415	26 846	C 2508	715		28 2.90	7315	63	26 28 18.2	786	540	13.6	- 17	- 4	9.1	
2416	26 847	C 2509			5 28 12.41	+3.7304	+0.0063	26 25 51.7	+ 2.773	-540	13.9	- 7	- 13	9.4	
2417	27 791	C 2511	724	10393	28 16.62	7499	63	27 6 4.2	765	542	12.8	+ 7	- 3	8.0	K 0
2418	31 1007	L 2144	716		28 18.84	8714	71	31 6 46.8	763	561	13.8	+ 1	+ 6	9.4	
2419	28 821	C 2512			28 20.23	7980	66	28 43 41.1	761	550	13.8	- 12	- 5	9.1	
2420	26 850	C 2515	728	10401-2	28 35.64	7418	63	26 49 11.1	752	541	11.3	- 11	- 10	7.7	A 3
2421	27 794	C 2517	733-4	10410-1	5 28 43.56	+3.7550	+0.0064	27 16 8.6	+ 2.726	-543	11.0	- 40	- 1	7.8	F 0
2422	30 938	L 2145			28 45.39	8541	68	30 33 17.3	725	557	12.7	+ 1	- 29	8.8	A
2423	27 799	C 2521			28 58.53	7717	64	27 50 6.1	705	546	12.2	- 30	- 19	8.2	K 2
2424	27 798	C 2522			28 58.95	7763	64	27 59 23.5	705	545	10.9	+ 7	+ 20	8.0	B 8
2425	31 1013	L 2148	737		29 2.66	8863	71	31 34 29.9	699	562	13.5	+ 17	- 3	9.4	F 0
2426	30 941	L 2150	739		5 29 5.75	+3.8661	+0.0069	30 56 2.1	+ 2.695	-560	13.7	+ 4	- 14	9.4	
2427	29 935	C 2523	747		29 12.06	8141	66	29 14 51.2	686	552	14.0	+ 4	- 16	9.1	
2428	25 863	C 2524	752		29 16.58	7134	61	25 49 24.6	679	537	13.7	- 21	- 1	8.5	
2429	30 942	L 2155		10423	29 18.55	8642	68	30 52 9.0	676	559	12.7	0	- 43	8.0	F 5
2430	26 856	C 2526	753	10430-2	29 21.10	7449	62	26 54 50.3	673	543	13.6	+ 32	- 91	8.0	F 8
2431	26 858	C 2527	760		5 29 27.68	+3.7328	+0.0061	26 29 51.1	+ 2.663	-541	13.3	+ 3	- 16	9.0	A 5
2432	24 868	B 1797	766-7	10443	29 33.14	6687	57	24 13 50.2	656	531	12.1	+ 11	- 27	7.8	K 0
2433	30 944	L 2158	757	10433	29 36.13	8542	66	30 32 40.6	651	558	12.2	- 18	- 29	8.2	A 3
2434	27 802	C 2530		10440	29 36.87	7607	62	27 27 17.3	650	545	13.4	+ 7	- 9	9.0	
2435	25 866	C 2533	770		29 42.94	7120	60	25 46 10.1	641	537	12.2	- 4	+ 12	7.7	A 0
2436	24 869	C 2534			5 29 51.45	+3.6893	+0.0058	24 57 47.1	+ 2.630	-534	12.0	- 8	- 12	8.7	
2437	25 868	C 2535	781		30 0.32	7134	60	25 48 42.8	617	538	13.4	+ 1	- 19	9.0	
2438	24 870	B 1803			30 2.60	6756	57	24 28 23.1	612	533	13.4	+ 17	- 38	9.0	
2439	25 872	C 2536			30 9.89	6965	59	25 12 57.6	602	536	13.8	+ 45	- 13	9.4	
2440	27 806	C 2537	790	10457	30 16.51	7654	62	27 36 16.4	592	545	12.5	- 23	- 19	6.47	K 0
2441	24 873	B 1810	804		5 30 26.88	+3.6818	+0.0058	24 41 26.2	+ 2.578	-534	12.2	+ 10	- 30	8.4	F 5
2442	25 875	C 2539	799		30 24.50	7177	60	25 57 29.5	580	539	12.8	+ 66	- 39	9.4	
2443	26 864	C 2540	801		30 27.21	7249	59	26 12 36.9	578	540	13.4	+ 5	- 3	8.5	B 8
2444	31 1020	L 2172	796	10458	30 33.90	8990	69	31 56 49.0	567	565	12.6	+ 5	- 27	7.7	F 5
2445	24 875	B 1813	808		30 36.94	6743	56	24 25 12.8	565	533	12.6	- 1	- 28	9.0	
2446	30 949	L 2174		10463	5 30 38.95	+3.8543	+0.0064	30 31 59.2	+ 2.560	-558	12.7	- 29	- 3	8.2	G 5
2447	26 866	C 2542	811		30 43.40	7276	59	26 18 0.7	554	540	12.6	0	+ 26	9.4	
2448	25 878	C 2545			30 55.00	7057	57	25 31 50.0	537	537	12.8	- 40	+ 25	8.6	G 0
2449	25 879	C 2544	816	10489	30 55.49	7157	58	25 52 55.0	537	539	12.6	+ 16	+ 2	6.32	F 5
2450	24 882	B 1817	822-3-4		30 57.38	6714	55	24 18 40.4	534	532	11.2	0	- 15	8.2	K 2

2422, 2428, 2431. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2)	Lalande.	R.A. 1910.0.			Precession.	Sec. Var.	Dec. 1910.0.			Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
					h	m	s			°	'	"				°	'			"	R.A. 1900.1.	Dec. 1900.1.
2451	27 811	C 2546	817	10488	5 31 0.05	+3.7731	+0.0061	27 51 17.3	+ 2.530	-547	12.9	+ 27	+ 7	8.6	B 8				
2452	25 881	C 2547			31 5.15	6935	56	25 5 50.9	523	535	13.6	+ 14	- 7	9.1					
2453	29 941	C 2548	827		31 14.59	8153	62	29 15 27.4	508	553	13.4	+ 4	- 45	8.8	A 3				
2454	26 870	C 2551	842-3	10510-25	31 31.56	7444	59	26 52 8.6	484	543	11.0	+ 10*	- 30*	5.70	B 8				
2455	31 1025	L 2181	837-8	10504	31 32.27	8781	68	31 16 36.8	484	562	9.6	+ 9	- 53	7.8	F 5				
2456	24 889	B 1827			5 31 39.03	+3.6680	+0.0054	24 10 47.7	+ 2.473	-532	13.3	- 6	- 28	9.4					
2457	31 1027	L 2183	840		31 41.59	8924	66	31 43 23.7	469	564	12.4	+ 15	- 27	9.1					
2458	27 818	C 2554	857	10526	32 2.70	7547	59	27 12 59.7	439	545	13.3	+ 38	+ 10	9.0					
2459	26 876	C 2555	862	10528	32 4.40	7241	57	26 9 46.6	437	540	11.4	+ 29	+ 30	8.4	A 2				
2460	25 888	C 2557			32 17.53	7183	57	25 57 26.9	417	539	12.9	- 10	+ 14	9.4					
2461	25 890	C 2558			5 32 21.85	+3.7069	+0.0056	25 33 19.7	+ 2.411	-537	12.9	- 4	- 9	9.4					
2462	24 894	B 1838			32 25.11	6678	54	24 10 1.2	407	532	11.8	+ 19	+ 1	9.0					
2463	24 895	B 1840			32 36.92	6705	53	24 15 38.9	391	532	12.4	+ 19	- 19	9.0	A				
2464	26 879	C 2559	887-8		32 39.89	7446	57	26 51 51.6	385	543	12.7	- 15	- 27	9.1	G 0				
2465	30 962	L 2192			32 44.01	8668	63	30 54 18.4	379	560	12.7	+ 11	- 6	8.8					
2466	30 963	L 2196	891	10556-7	5 32 50.28	+3.8523	+0.0062	30 26 21.9	+ 2.369	-558	13.1	- 10	- 9	8.0					
2467		C 2560			32 51.20	8523	62	30 26 23.2	369	558	10.9	- 10*	- 9*	5.49	A 2				
2468	30 964	C 2560			32 58.69	8440	62	30 10 18.3	358	557	12.3	+ 8	+ 2	9.1					
2469	31 1035	L 2198			33 7.76	8803	63	31 19 34.9	345	565	12.3	+ 1	+ 1	9.0					
2470	28 836	C 2565	905	10570	33 16.68	7904	59	28 24 29.3	332	550	11.6	+ 6	- 12	8.2	B				
2471	26 883	C 2566	909-10		5 33 18.92	+3.7275	+0.0055	26 15 49.9	+ 2.329	-541	13.0	+ 21	+ 15	9.1					
2472	26 884	C 2567	912		33 20.78	7362	56	26 33 58.6	326	542	11.4	+ 9	+ 2	6.47	K 0				
2473	27 823	C 2569			33 27.02	7768	58	27 56 57.7	317	548	13.0	- 43	- 27	9.4					
2474	30 966	C 2568			33 29.23	8420	62	30 5 57.2	314	556	11.7	- 4	+ 12	7.76	A 0				
2475	29 947	C 2570	918	10582	33 34.91	8133	59	29 9 50.7	306	553	12.3	+ 28	+ 3	6.00	B 5				
2476	30 968	L 2203	917	10578	5 33 36.70	+3.8651	+0.0061	30 50 22.9	+ 2.303	-560	10.9	+ 1	+ 13	7.52	B 5				
2477	29 949	C 2571			33 44.72	8323	60	29 46 58.1	291	556	11.0	- 15	- 20	8.4	G 5				
2478	25 901	C 2572			33 58.69	6991	53	25 15 44.3	271	536	12.0	+ 10	- 10	8.8					
2479	31 1040	L 2206	934-5-6	10592	34 1.42	8759	62	31 10 28.3	266	564	11.4	+ 28	- 27	8.1					
2480	27 828	C 2573	928-44		34 4.73	7705	55	27 43 51.0	262	548	12.2	0	+ 15	9.0					
2481	25 902	C 2575	951	10605	5 34 9.51	+3.7158	+0.0054	25 50 49.8	+ 2.255	-539	12.8	+ 23*	- 31*	5.00	B 3				
2482	30 970	C 2574	943		34 10.81	8403	60	30 2 11.7	253	556	11.5	0	- 9	8.16	F 5				
2483	31 1043	L 2209			34 12.57	8974	63	31 50 58.4	250	567	11.2	- 2	- 9	8.0	B 9				
2484	24 909	B 1852	957	10613	34 21.15	6686	51	24 10 28.2	239	533	12.4	- 4	+ 14	7.04	F 2				
2485	31 1044	L 2212	949-50	10615-6	34 22.20	8806	62	31 19 14.9	237	564	13.1	+ 6	- 1	9.1					
2486	25 907	C 2579	969		5 34 43.42	+3.6929	+0.0051	25 2 5.3	+ 2.207	-536	11.5	+ 14	+ 10	8.86	A				
2487	24 911	C 2580			34 43.52	6895	52	24 55 0.3	207	536	12.4	- 13	- 23	9.16	F				
2488	31 1048	L 2216	962-3		34 46.45	8804	62	31 18 35.7	203	564	11.7	- 4	- 1	5.96	B 8				
2489	24 913	B 1862	973-4	10631	34 47.04	6775	51	24 29 21.2	201	534	12.2	+ 16	- 33	7.14	K 0				
2490	31 1049	L 2218	965		34 50.96	8988	62	31 52 19.8	195	567	12.0	- 4	- 1	6.72	M a				
2491	28 846	C 2581	971	10624	5 34 52.97	+3.8066	+0.0056	28 55 42.1	+ 2.193	-553	11.1	- 11	- 6	7.16	K 0				
2492	27 832	C 2582			34 53.72	7609	54	27 23 39.7	191	547	12.8	- 14	+ 3	8.5	A				
2493	31 1050	L 2219			34 54.53	8972	61	31 49 59.2	190	566	13.3	+ 17	- 11	9.1					
2494	25 909	C 2583			34 55.90	7189	52	25 56 46.9	188	540	13.3	+ 9	+ 2	9.4					
2495	27 833	C 2584	980-1	10633	35 0.74	7711	55	27 44 15.4	181	548	12.5	+ 15	- 26	8.2	F 5				
2496	26 899	C 2586	992		5 35 8.79	+3.7480	+0.0053	26 57 6.5	+ 2.169	-545	13.8	+ 24	- 86	9.1					
2497	29 952	C 2585			35 10.09	8102	55	29 2 30.6	168	554	14.1	+ 12	- 65	9.0					
2498	25 910	C 2587	997	10647	35 13.73	6982	52	25 13 1.1	162	537	13.3	+ 21	- 14	8.6	K 0				
2499	26 901	C 2591			35 28.94	7229	52	26 4 55.3	140	540	13.0	- 1	- 36	9.4					
2500	31 1056	L 2226	1000-1	10644	35 30.97	8753	58	31 8 22.2	137	564	11.7	- 1	- 25	8.1	A 0				

2454. Σ 749.

2475, 2496, 2497. Number of observations 6.

2464. Burnham 2855.

2466. Burnham 2857. Number of observations 1.

2499. Number of observations 4.

2466, 2467 Σ 753 magnitudes 8.0 and 5.6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. ".001.		
	°				h m s	s	s	° ' "	"	"					
2501	26 902	C 2592	1007		5 35 31.55	+3.7495	+0.0053	26 59 54.5	+ 2.136	-.545	13.6	- 6	+ 8	8.7	A 0
2502	24 918	B 1870	1017-8-9	10661	35 34.80	6726	49	24 18 8.7	132	533	12.0	0	- 16	8.2	F 8
2503	29 953	C 2593	1003	10651	35 36.62	8225	56	29 26 28.0	129	556	10.9	+ 20	- 41	6.75	A
2504	29 954	C 2594	1004	10653	35 37.08	8227	56	29 26 53.7	129	556	11.5	+ 12	- 47	7.45	A
2505	27 837	C 2595			35 47.68	7670	54	27 35 25.4	113	547	12.3	+ 14	+ 31	8.8	
2506	28 849	C 2597	1023		5 35 57.30	+3.7915	+0.0053	28 24 39.7	+ 2.100	-.551	11.5	- 15	- 29	8.0	A 2
2507	26 903	C 2598		10669	36 0.29	7371	52	26 34 10.9	095	543	13.2	+ 9	+ 36	8.0	B 9
2508	25 918	C 2600	1039		36 5.37	7055	50	25 28 2.5	088	538	13.3	+ 34	- 32	8.5	A
2509	24 919	B 1874	1049		36 10.45	6713	49	24 15 1.7	081	533	14.0	- 23	- 7	9.1	
2510	29 958	C 2601	1030-1		36 10.44	8170	54	29 15 9.1	081	554	14.0	+ 1	- 25	8.8	A 3
2511	26 904	C 2604	1040.		5 36 10.82	+3.7491	+0.0052	26 58 36.3	+ 2.080	-.545	14.5	+ 9	- 120	9.1	
2512	29 960	C 2603	1034-6		36 12.99	8160	54	29 13 18.9	077	554	14.2	- 24	+ 11	8.8	
2513	29 961	C 2605	1037		36 15.00	8238	54	29 28 37.5	074	555	14.5	+ 16	- 47	9.0	
2514	26 905	C 2606		10679	36 16.82	7270	51	26 12 47.4	071	541	13.9	+ 10	- 7	8.6	
2515	25 920	C 2608	1051		36 17.83	7206	51	25 59 38.5	069	540	14.0	0	+ 8	9.4	
2516	28 853	C 2607			5 36 19.00	+3.7850	+0.0052	28 11 34.5	+ 2.068	-.550	13.9	+ 13	- 73	9.1	
2517	31 1058	L 2231	1038		36 21.35	8977	59	31 49 44.8	065	566	14.2	- 2	- 50	9.1	
2518	28 854	C 2609			36 22.71	7853	52	28 11 53.5	062	550	14.1	+ 114	- 116	9.4	
2519	27 839	C 2610		10684	36 23.00	7712	52	27 43 31.8	062	548	12.1	- 8	+ 7	8.5	B 9
2520	26 906	C 2612		10686	36 23.06	7276	50	26 14 6.3	062	541	13.1	+ 20	+ 19	8.7	A 0
2521	24 920	B 1878	1060-1-2	10697	5 36 26.48	+3.6720	+0.0048	24 16 23.7	+ 2.061	-.533	12.2	- 4	- 6	7.8	A 0
2522	29 963	C 2613	1055		36 35.76	8302	54	29 40 53.7	043	556	14.0	- 12	- 22	9.4	
2523	29 964	C 2615	1064	10696	36 44.01	8341	55	29 48 23.4	032	557	10.9	- 15	- 44	7.31	G 0
2524	28 856	C 2617			36 45.14	8081	53	28 57 17.4	030	553	11.5	+ 6	- 33	8.2	G 5
2525	26 908	C 2619	1069	10711	36 47.40	7324	50	26 23 43.5	027	542	12.2	- 4	+ 4	8.4	K 0
2526	26 907	C 2618	1067		5 36 47.62	+3.7464	+0.0051	26 52 45.0	+ 2.026	-.544	13.2	+ 39	- 88	9.1	
2527	26 909	C 2622	1082		36 59.33	7508	50	27 1 45.1	010	545	12.6	- 19	- 5	9.0	
2528	30 986	L 2240	1084	10719	37 14.34	8671	55	30 51 34.2	1.988	561	11.5	+ 15	- 20	8.2	
2529	25 931	C 2624			37 16.32	7120	49	25 41 1.3	985	539	13.9	- 8	+ 59	9.4	
2530	29 969	C 2625	1089		37 27.17	8374	54	29 54 21.5	969	557	13.2	+ 75	- 31	8.6	
2531	25 934	C 2626		10735	5 37 29.78	+3.7018	+0.0047	25 19 14.1	+ 1.964	-.537	10.5	- 11	- 36	8.2	A 0
2532	31 1064	L 2244			37 31.09	8781	56	31 12 8.4	963	564	12.4	+ 18	- 27	9.4	
2533	30 987	L 2245			37 35.62	8624	53	30 42 24.6	956	561	13.0	+ 31	+ 4	9.4	
2534	29 970	C 2627	1104-5	10730	37 39.23	8146	51	29 9 29.3	952	554	10.9	- 17	- 26	6.74	K 0
2535	29 971	C 2629			37 51.85	8316	51	29 42 39.4	933	556	12.4	- 21	- 24	9.0	
2536	25 939	C 2630			5 37 54.42	+3.7209	+0.0048	25 59 13.1	+ 1.930	-.540	12.6	- 9	+ 23	9.4	
2537	24 931	B 1898	1119-20		37 55.73	6659	46	24 2 37.8	927	532	12.6	- 9	- 19	7.9	K 0
2538	26 920	C 2631	1114		37 56.05	7289	48	26 15 47.4	927	541	13.3	+ 14	- 31	8.6	F
2539	25 940	C 2633		10751	37 57.18	6998	47	25 14 53.2	926	537	11.3	- 20	- 25	8.0	A 0
2540	26 922	C 2632	1115		37 58.19	7315	48	26 21 18.3	924	542	13.8	+ 47	+ 6	9.0	
2541	25 941	C 2636	1123	10761	5 38 5.51	+3.7041	+0.0047	25 23 52.5	+ 1.913	-.539	11.5	- 11	+ 21	6.86	B 2
2542	29 972	C 2635			38 9.09	8274	51	29 34 25.1	908	556	13.4	- 25	- 24	9.0	
2543	27 846	C 2639	1125-6	10759	38 10.61	7578	48	27 15 17.1	905	548	12.6	- 8	+ 23	7.8	B 9
2544	24 934	C 2641			38 10.80	6936	47	25 1 40.0	905	537	13.3	+ 31	- 23	8.81	A 2
2545	26 927	C 2642	1130		38 13.59	7325	48	26 23 6.1	901	542	12.4	- 21	+ 10	9.0	
2546	30 992	L 2248			5 38 16.83	+3.8685	+0.0053	30 53 34.3	+ 1.897	-.562	13.1	+ 5	- 3	8.1	B 8
2547	29 974	C 2643		10762	38 20.45	8240	51	29 27 38.1	892	555	14.3	+ 1	- 39	8.2	B 5
2548	31 1069	L 2251		10754	38 20.90	9026	55	31 57 50.5	891	567	11.8	+ 20	- 37	7.9	G 5
2549	25 943	C 2644			38 25.78	6972	46	25 9 8.7	884	538	13.8	+ 18	- 2	9.1	
2550	26 929	C 2646	1136		38 30.88	7425	48	26 43 41.5	876	544	13.5	- 26	+ 24	9.4	

2501, 2502, 2536, 2538. Number of observations 6.
 2505, 2508-2516, 2518-2521, 2526, 2527, 2531, 2537, 2540, 2542, 2544-2546, 2549, 2550. Number of observations 4.
 2523. Burnham 2905.
 2531. Σ 776.

2503, 2504. Σ 764.
 2511. Burnham 2893.
 2546. Σ 778.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
2551	29 975	C 2645	1134		5 38 32.10	+3.8400	+0.0051	29 58 42.7	+ 1.875	-.558	10.8	- 9	+ 7	8.11	B 9
2552	24 936	B 1908			38 34.79	6820	46	24 36 37.8	870	535	13.5	- 4	- 24	9.1	
2553	27 849	C 2649	1143	10782	38 41.61	7708	49	27 41 28.4	860	549	12.0	- 36	- 1	7.8	A 0
2554	30 993	L 2254	1137		38 43.28	8547	52	30 26 52.6	857	560	12.2	+ 82	- 12	7.51	G 5
2555	27 850	C 2650	1156		.38 49.51	7561	47	27 11 23.2	849	547	14.0	+ 14	- 29	9.4	
2556	26 931	C 2651	1157		5 38 50.13	+3.7465	+0.0048	26 51 41.0	+ 1.849	-.544	13.3	- 9	- 4	9.1	
2557	31 1072	L 2255	1147-9	10780	38 52.36	8804	52	31 15 57.9	846	565	11.8	+ 2	- 5	8.2	G 0
2558	28 866	C 2652			38 53.97	7963	51	28 32 38.2	843	552	13.8	+ 20	+ 33	9.4	
2559	28 868	C 2653		10787	38 54.73	8095	49	28 58 37.0	842	554	11.6	+ 2	- 13	8.1	B 5
2560	30 994	L 2259	1154		38 56.60	8590	52	30 35 4.5	839	560	12.0	+ 18	- 14	7.9	G 5
2561	24 940	C 2657	1165-6	10802	5 39 5.57	+3.6896	+0.0045	24 52 36.7	+ 1.826	-.537	12.7	- 7	- 47	7.96	G 5
2262	25 952	C 2656			39 6.07	7058	45	25 26 55.1	826	539	13.9	+ 23	+ 18	9.4	
2563	25 953	C 2659			39 16.10	7136	46	25 43 8.5	810	540	12.5	+ 5	- 6	8.1	A 0
2564	28 871	C 2658	1169		39 18.21	7848	48	28 9 20.1	808	551	13.0	+ 19	+ 10	8.1	A 0
2565	26 937	C 2660			39 19.63	7304	46	26 18 13.2	805	541	11.8	- 14	+ 18	7.22	B 9
2566	31 1077	L 2264	1168		5 39 25.73	+3.8806	+0.0051	31 15 58.6	+ 1.796	-.565	13.5	- 4	+ 3	9.4	
2567	28 873	C 2661	1178		39 28.70	7866	48	28 12 51.2	792	551	12.3	0	+ 13	8.5	A 5
2568	24 942	C 2663	1192		39 38.92	6832	44	24 38 46.1	778	536	13.0	- 14	- 31	8.0	A 2
2569	31 1079	L 2266	1179		39 38.98	8779	50	31 10 24.6	778	565	12.5	+ 7	- 12	9.0	
2570	31 1080	L 2267	1180-1	10805	39 39.99	8814	50	31 17 14.2	776	565	10.3	+ 8	- 23	6.73	K 0
2571	24 943	B 1921			5 39 42.75	+3.6758	+0.0043	24 22 55.5	+ 1.772	-.535	13.2	+ 13	+ 1	8.64	N
2572	29 983	C 2665		10814	39 47.91	8184	48	29 15 38.7	765	554	11.8	- 13	- 37	7.40	F 2
2573	30 997	C 2666		10813	39 50.25	8451	51	30 7 48.3	762	559	12.6	+ 2	- 10	8.24	B 5
2574	28 878	C 2667			39 54.52	8001	48	28 39 25.3	754	553	13.4	+ 45	+ 23	8.8	B 9
2575	30 999	L 2269	1193		39 56.79	8642	51	30 44 22.2	751	561	12.8	+ 16	- 33	9.4	
2576	26 942	C 2669	1202		5 39 57.35	+3.7443	+0.0046	26 46 35.2	+ 1.751	-.544	14.0	- 8	- 19	9.5	
2577	24 947	B 1924			39 58.62	6865	44	24 45 31.3	749	536	13.3	+ 10	- 5	9.1	
2578	25 958	C 2670			39 58.77	7130	45	25 41 38.7	749	540	12.5	+ 10	+ 14	8.6	F 5
2579	25 961	C 2672	1207	10829-30	40 0.16	6956	44	25 4 47.3	747	537	10.5	+ 14	- 32	7.81	K 0
2580	27 857	C 2671	1204		40 1.49	7750	47	27 49 6.8	746	549	13.8	+ 13	+ 1	9.1	
2581	29 985	C 2673			5 40 12.81	+3.8134	+0.0048	29 5 33.4	+ 1.728	-.554	14.2	+ 14	- 34	9.1	
2582	26 944	C 2675			40 16.83	7240	45	26 4 26.5	723	541	13.6	- 15	+ 7	9.1	
2583	25 963				40 20.19	7185	45	25 52 51.4	718	541	10.9, 6.9	+ 21	+ 7	7.7	B 9
2584	25 963	C 2676		10838	40 20.55	7184	45	25 52 37.7	717	541	10.4	+ 21	+ 7		
2585	31 1084	L 2271	1211		40 22.42	8838	50	31 21 5.6	715	565	13.4	+ 12	- 6	9.0	
2586	24 950	B 1933		10841	5 40 26.10	+3.6706	+0.0043	24 11 18.6	+ 1.709	-.534	10.6	+ 8	- 19	8.0	A 3
2587	25 966	C 2678	1229		40 38.04	7011	43	25 16 11.6	692	538	13.5	- 9	- 19	9.0	
2588	28 883	C 2677	1226-7		40 39.19	7936	46	28 26 15.8	691	552	12.5	- 9	- 15	9.4	A
2589	25 967	C 2679		10850	40 42.12	7124	44	25 39 57.6	686	540	9.9	+ 20	+ 40	8.5	G 5
2590	26 948	C 2680	1232		40 44.02	7230	44	26 2 7.5	683	541	13.5	+ 9	- 3	9.1	
2591	25 970	C 2682	1236		5 40 49.65	+3.7079	+0.0043	25 30 29.1	+ 1.676	-.538	12.2	- 9	- 2	8.8	
2592	25 972	C 2684	1244-5		40 59.36	7003	43	25 14 24.2	661	538	13.6	+ 3	- 21	8.8	
2593	29 992	C 2686			41 11.51	8347	47	29 46 47.1	643	557	13.6	- 25	+ 7	9.4	
2594	28 886	C 2687			41 23.36	7866	45	28 11 41.1	627	551	12.7	+ 14	- 10	8.8	
2595	31 1091	L 2279		10864	41 23.66	8929	49	31 37 36.8	625	566	9.6	+ 11	- 63	7.37	A 0
2596	29 994	C 2688	1251	10867	5 41 25.58	+3.8230	+0.0046	29 23 47.9	+ 1.622	-.556	9.8	+ 2	+ 8	8.0	B 9
2597	28 887	C 2689	1256-7	10872	41 32.25	7985	46	28 35 24.3	614	552	11.0	+ 2	- 9	8.1	B 9
2598	25 975	C 2690	1263	10878	41 32.58	7168	42	25 48 45.7	612	540	10.5	+ 12	- 5	8.6	A 5
2599	29 997	C 2692	1262	10875	41 39.99	8301	46	29 37 36.8	602	557	9.5	- 18	- 111	7.21	F 8
2600	25 977	C 2693	1266	10882	41 43.25	7201	42	25 55 38.5	598	541	12.3	+ 16	+ 1	9.4	

2551, 2552, 2555-2559, 2561-2563, 2566, 2568, 2569, 2575, 2576, 2588. Number of observations 4.
2565. Burnham 2933.

2583, 2584. Σ 785, magnitudes 7.7 and 6.7.

2583. Number of observations 2 and 1.

2553. Σ 779.

2559. Σ 783.

2587. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^s .0001.	Dec. ["] .001.		
					h m s	s	s	° ' "	"	"					
2601	24 956	B 1951			5 41 43.75	+3.6829	+0.0042	24 36 56.6	+ 1.596	-.535	12.7	+ 6	+ 8	9.0	A 3
2602	25 978	C 2696	1277-8	10894	42 0.66	7090	42	25 32 8.4	571	540	10.1	+ 1	+ 13	6.58	K 0
2603	26 955	C 2694			42 0.77	7481	43	26 53 25.0	571	546	12.6	+ 14	- 18	8.7	
2604	27 866	C 2697		10893	42 5.85	7691	44	27 36 10.9	564	549	10.9	- 4	+ 6	8.0	
2605	28 893	C 2699	1280-1		42 10.78	8037	45	28 45 25.5	557	553	13.0	- 7	+ 18	8.7	B 8
2606	24 961	B 1959	1290		5 42 17.24	+3.6671	+0.0040	24 2 57.2	+ 1.548	-.534	13.3	+ 17	- 5	9.4	A
2607	30 1014	L 2291			42 20.55	8605	46	30 35 55.9	542	561	13.2	+ 12	- 14	8.6	N
2608	30 1015	L 2292	1285	10898	42 24.08	8575	46	30 30 12.3	538	561	10.1	+ 12	- 53	7.16	K 5
2609	24 963	B 1961		10911	42 24.41	6841	41	24 39 16.5	538	537	11.8	+ 2*	- 28*	7.16	K 2
2610	24 965	B 1963		10912	42 26.11	6834	41	24 37 45.0	535	537	11.1	+ 6	- 22	8.0	K
2611	31 1100	L 2294		10907	5 42 36.83	+3.8788	+0.0047	31 10 41.7	+ 1.520	-.565	12.6	+ 25	- 13	8.8	
2612	30 1017	C 2704			42 41.80	8433	45	30 2 36.6	513	558	13.3	- 46	- 4	9.4	
2613	26 959	C 2705	1297		42 42.27	7507	42	26 58 22.1	512	546	13.2	- 7	- 17	9.1	
2614	28 902	C 2706	1308		43 0.07	7899	43	28 17 37.3	486	552	12.3	+ 10	- 24	8.5	B 8
2615	24 967	B 1970			43 2.18	6737	39	24 16 43.0	483	535	12.7	0	- 5	8.8	
2616	24 968	B 1972		10945	5 43 3.79	+3.6802	+0.0040	24 30 46.4	+ 1.480	-.536	12.8	+ 21	- 4	8.6	A 0
2617	26 963	C 2707	1316		43 4.56	7236	40	26 2 11.3	478	542	13.2	+ 3	- 19	9.4	A 0
2618	31 1104	L 2298			43 7.43	8893	45	31 30 7.6	475	567	13.9	+ 16	- 2	8.8	
2619	29 1004	C 2708		10935	43 10.05	8333	43	29 43 7.8	471	558	11.9	- 7	- 44	8.2	F 2
2620	29 1005	C 2709	1313-4		43 10.17	8145	42	29 6 20.7	471	555	13.0	+ 1	+ 6	8.2	A 2
2621	27 874	C 2710		10917	5 43 10.28	+3.7614	+0.0041	27 20 0.2	+ 1.471	-.548	13.0	- 2	+ 4	8.1	B 8
2622	30 1020	L 2300	1312		43 11.21	8633	45	30 40 51.8	470	561	12.9	- 6	+ 11	8.6	F 0
2623	30 1021	C 2712			43 27.15	8442	44	30 4 10.8	446	558	12.3	- 8	- 9	8.8	
2624	24 970	B 1979		19066-7-8	43 29.54	8810	39	24 32 16.4	443	536	9.5	+ 3*	- 36*	5.02	K 0
2625	29 1009	C 2713	1325	10958	43 32.12	8327	43	29 41 50.3	439	558	11.1	- 6	- 16	7.76	A 5
2626	25 991	C 2714	1329	10965	5 43 32.69	+3.7117	+0.0039	25 37 14.6	+ 1.438	-.541	10.7	- 1	- 17	7.6	K 0
2627	24 973	B 1982	1340		43 49.85	6714	38	24 11 35.9	413	535	10.7	+ 13	- 12	8.0	K 0
2628	27 880	C 2717	1341-2	10975	43 58.94	7671	41	27 31 23.0	400	548	10.8	- 3	- 30	7.29	K 0
2629	31 1111	L 2306	1337	10972	44 4.51	8977	44	31 45 28.3	391	568	12.4	+ 31	- 14	6.72	A 3
2630	31 1111		1338		44 4.81	8977	44	31 45 30.0	391	568	13.2, 11.7	+ 31	- 14	8.0	
2631	27 881	C 2718	1346		5 44 7.14	+3.7548	+0.0040	27 5 58.4	+ 1.388	-.546	13.0	+ 74	- 262	9.0	
2632	30 1023	C 2719			44 10.47	8532	42	30 21 13.7	384	561	12.8	- 11	- 14	9.4	
2633	30 1024	L 2309			44 12.93	8589	42	30 31 55.9	380	562	13.3	+ 31	- 39	8.8	B 5
2634	26 971	C 2721	1361-2-3		44 35.97	7501	39	26 56 12.0	346	546	12.0	- 58	- 106	9.1	
2635	31 1115	L 2314	1358	10988	44 39.99	8749	43	31 2 17.3	340	564	10.3	+ 19	- 19	8.0	B 5
2636	29 1012	C 2722	1365		5 44 48.42	+3.8341	+0.0041	29 44 1.5	+ 1.329	-.558	12.4	0	- 44	9.0	
2637	27 886	C 2724	1371-2	11008	45 0.75	7661	38	27 28 55.7	311	548	10.5	- 14	- 54	7.14	F 5
2638	30 1027	L 2317	1369		45 5.62	8643	41	30 41 50.8	302	562	13.6	+ 22	+ 4	9.4	B 5
2639	24 980	B 1998			45 5.75	6693	36	24 6 38.9	301	534	13.8	+ 16	- 3	9.0	A 5
2640	27 887	C 2725	1373-4	11012	45 8.62	7715	39	27 39 36.4	298	549	12.3	+ 10	- 11	7.7	Ma
2641	31 1119	L 2318	1370		5 45 10.83	+3.8927	+0.0042	31 35 37.4	+ 1.295	-.567	13.0	- 25	+ 6	8.4	K 5
2642	26 975	C 2727	1378	11022	45 12.46	7238	37	26 1 43.3	294	542	12.1	+ 13	- 57	7.8	A 3
2643	27 888	C 2728		11021	45 17.80	7799	39	27 56 30.2	285	550	13.5	- 7*	0*	5.65	K 0
2644	24 984	C 2730			45 29.15	6922	37	24 55 10.2	269	538	13.6	+ 10	- 27	9.4	
2645	25 1005	C 2731	1388-9-90	11036	45 29.45	7002	37	25 12 13.3	269	539	12.4	+ 4	- 43	9.1	F 5
2646	31 1123	L 2321			5 45 35.42	+3.8842	+0.0040	31 19 16.3	+ 1.260	-.566	13.5	0	+ 27	9.4	A 2
2647	30 1030	L 2323			45 42.17	8610	40	30 35 31.2	250	562	13.6	+ 10	+ 15	9.4	
2648	30 1032	L 2324			45 44.35	8588	40	30 31 6.6	247	562	12.7	+ 22	+ 6	9.0	A
2649	30 1033	L 2327	1395-6	11040	45 54.88	8719	39	30 55 58.9	231	564	9.9	- 11	- 13	7.36	A 0
2650	30 1034	L 2328	1398	11043	45 56.70	8653	39	30 43 36.0	228	563	12.0	+ 9	- 36	8.2	F 5

2601. Burnham 2954.

2608. Burnham 2960.

2609, 2610. Burnham 2963.

2625. Burnham 2977.

2629, 2630. Σ 796, magnitudes 6.9 and 8.0.

2630. Number of observations 1 and 2.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
2651	28 917	C 2733			h m s	s	s	° ' "	"	"					
2652	28 918	C 2734			5 45 51.39	+3.7887	+0.0037	28 13 59.9	+ 1.237	-0.552	13.0	+ 19	+ 2	9.4	
2653	27 891	C 2735	1409-10		45 52.23	7838	37	28 4 4.1	235	551	13.0	- 33	+ 14	8.1	A 0
2654	28 919	C 2736	1411		46 0.19	7763	38	27 49 4.0	224	550	12.6	+ 8	- 16	8.4	
2655		C 2737			46 6.59	7945	37	28 25 33.3	214	553	13.9	- 6	0	8.1	A 2
					46 7.25	7946	37	28 25 41.4	214	553	13.9	- 6	0		
2656	24 989	B 2010	1417-8		5 46 7.37	+3.6855	+0.0036	24 40 51.4	+ 1.214	-0.537	13.4	- 8	- 16	8.8	
2657	28 920	C 2738	1416		46 13.23	7889	37	28 14 16.9	205	552	12.8	+ 2	- 11	8.8	
2658	29 1020	C 2739	1420		46 22.80	8228	38	29 21 16.0	190	556	13.5	+ 29	- 22	9.4	A
2659	29 1021	C 2741			46 25.13	8394	38	29 53 35.9	187	559	12.8	- 5	- 18	8.91	B 9
2660	29 1022	C 2742	1425	11055	46 31.27	8272	38	29 29 42.6	179	557	9.9	- 20	- 20	8.2	K 2
2661	28 924	C 2744	1430		5 46 39.21	+3.8002	+0.0037	28 36 37.2	+ 1.167	-0.553	12.7	+ 8	- 17	9.0	A 2
2662	31 1127	L 2336	1429		46 45.18	8878	38	31 25 49.1	158	567	11.6	+ 3	- 12	8.8	B 9
2663	26 981	C 2745			46 47.95	7376	35	26 29 41.6	154	545	12.8	+ 11	- 23	9.4	
2664	24 995	B 2016			46 59.78	6696	33	24 6 30.6	136	534	12.6	- 2	- 6	8.7	
2665	29 1027	C 2747			47 0.86	8350	37	29 44 50.1	135	558	14.0	+ 14	- 75	8.6	G 0
2666	29 1027	C 2748			5 47 1.96	+3.8351	+0.0037	29 44 59.2	+ 1.134	-0.558	14.2	+ 14	- 75	8.6	G 0
2667	25 1014	C 2750	1442-4	11081	47 4.36	7023	34	25 16 8.4	131	539	14.1	- 1	- 49	9.0	A 0
2668	25 1013	C 2749	1439		47 4.70	7208	34	25 54 47.5	129	542	14.2	- 1	- 6	9.1	
2669	29 1028	C 2751	1441	11076	47 13.48	8149	37	29 5 26.9	118	555	11.0	- 4	- 28	8.4	G 5
2670	27 895	C 2752			47 15.21	7813	36	27 58 38.0	115	551	12.9	- 6	- 20	9.4	
2671	28 927	C 2753	1447		5 47 16.98	+3.7952	+0.0035	28 26 22.3	+ 1.112	-0.553	13.0	+ 6	+ 4	9.0	B 5
2672	26 985	C 2755			47 29.79	7356	34	26 25 27.8	093	545	11.2	+ 20	+ 5	8.1	B 3
2673	26 987	C 2757			47 30.89	7242	34	26 1 47.6	091	542	12.4	+ 5	- 24	9.1	
2674	30 1041	L 2342	1452		47 33.06	8564	37	30 25 52.5	089	561	11.1	+ 15	- 130	8.0	F 8
2675	28 930	C 2759			47 37.77	7897	35	28 15 17.5	081	552	10.9	- 22	+ 7	8.2	K 5
2676	27 899	C 2760	1461	11090	5 47 40.20	+3.7699	+0.0035	27 35 30.6	+ 1.078	-0.549	12.2	+ 9*	- 18*	4.54	A 0
2677	25 1019	C 2762	1471	11094	47 56.59	7154	33	25 43 19.8	054	541	11.3	+ 22	+ 13	8.6	
2678	25 1020	C 2763	1473	11095	47 57.49	6963	33	25 3 12.0	054	538	10.8	- 2	- 20	7.66	G 5
2679	27 900	C 2764	1472		48 1.33	7675	35	27 30 33.6	048	549	12.6	- 15	- 63	9.4	
2680	24 1007	B 2031	1476	11099	48 2.93	6742	33	24 16 1.4	045	535	11.8	- 5	- 20	7.8	B 8
2681	25 1021	C 2766	1474	11096	5 48 4.02	+3.7112	+0.0033	25 34 24.4	+ 1.043	-0.540	12.0	+ 15	+ 23	8.2	A 0
2682	26 990	C 2770			48 10.40	7351	33	26 24 10.5	035	544	13.1	+ 29	- 20	9.1	
2683	28 933	C 2768	1469		48 10.38	8104	35	28 56 13.7	035	555	12.7	- 3	- 7	9.0	B 9
2684	26 992	C 2771	1485-6	11108	48 23.50	7351	32	26 24 12.7	014	544	12.6	- 5	+ 3	8.4	B 8
2685	30 1045	L 2348	1482	11102	48 28.58	8579	35	30 28 30.3	007	562	11.1	- 23	- 5	7.46	B 5
2686	25 1024	C 2772	1490	11111-2	5 48 29.39	+3.7098	+0.0032	25 31 27.8	+ 1.007	-0.540	13.4	- 20	+ 20	8.7	A 2
2687	30 1046	L 2349			48 31.99	8627	35	30 37 43.9	003	563	13.4			9.4	
2688	24 1010	B 2037	1492		48 33.75	6688	32	24 4 20.9	000	534	12.4	+ 12	- 11	8.8	
2689	26 995	C 2774	1496		48 42.27	7415	33	26 37 16.3	0.988	545	13.6	- 55	- 16	9.0	
2690	31 1136	L 2352			48 46.53	8792	35	31 8 50.7	981	566	12.9	+ 10	- 15	9.4	
2691	31 1137	L 2353			5 48 47.89	+3.8813	+0.0035	31 12 29.8	+ 0.979	-0.566	13.8	+ 28	+ 10	9.4	
2692	28 938	C 2775			48 57.30	8022	33	28 39 50.7	966	554	12.6	- 8	+ 6	9.0	
2693	30 1050	L 2355	1501		49 6.54	8532	34	30 19 14.6	952	561	13.1	- 2	- 24	9.1	
2694	31 1139	L 2356	1499-500	11122	49 8.50	8966	35	31 41 19.4	949	568	10.5	- 20	- 180	5.81	A 3
2695	30 1051	L 2357	1504		49 15.35	8679	34	30 47 14.4	940	564	12.3	0	- 23	9.4	
2696	28 940	C 2776	1505		5 49 16.29	+3.7934	+0.0033	28 22 17.5	+ 0.939	-0.553	12.4	+ 30	+ 28	8.6	B 9
2697	27 906	C 2779	1513	11132	49 25.16	7623	32	27 19 28.9	925	548	11.5	- 14	+ 30	8.0	F 5
2698	29 1037	C 2781		11134	49 36.45	8417	33	29 56 52.2	909	559	11.5	- 11	- 26	7.16	F 0
2699	29 1039	C 2784	1521		49 45.45	8174	32	29 9 30.2	896	556	11.0	+ 33	- 5	7.85	G 5
2700	30 1055	L 2359	1520		49 48.66	8651	33	30 41 43.9	890	563	11.6	+ 4	+ 5	8.4	B 8

2654, 2655, Σ 805, magnitudes 7.9 and 8.3. 2658, 2676. Number of observations 6. 2665, 2666, Σ 808, magnitudes 8.1 and 8.1. 2676. Burnham 3022. 2685, Σ 811.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 7.001.		
2701	26 1001	C 2788			5 49 49.79	+3.7283	+0.0030	26 9 40.3	+ 0.889	-543	12.5	+ 21	+ 6	9.1	
2702	29 1041	C 2787			49 53.06	8415	32	29 56 28.2	885	559	12.0	- 10	- 17	9.0	
2703	27 914	C 2789	1531-3	11152	50 0.48	7735	31	27 42 0.3	874	551	11.3	- 20	+ 1	7.7	B 2
2704	26 1003	C 2790	1534		50 2.81	7371	30	26 27 48.9	870	544	13.0	+ 8	+ 23	9.1	
2705	30 1059	L 2364			50 10.50	8575	32	30 27 14.6	858	560	12.8	- 9	- 35	9.4	
2706	27 918	C 2796	1544		5 50 38.02	+3.7575	+0.0029	27 9 25.0	+ 0.819	-549	12.4	- 31	- 13	9.0	
2707	25 1034	C 2797	1545	11175	50 39.41	7041	30	25 18 56.7	818	540	11.3	- 12	- 15	7.71	A 2
2708	29 1045	C 2798			50 45.50	8353	31	29 44 18.4	807	559	12.1	+ 4	- 32	8.6	B 8
2709	28 952	C 2799	1546-7-8	11174	50 50.71	8105	30	28 55 43.2	800	555	11.7	+ 26	0	6.42	A 2
2710	25 1036	C 2800	1552	11177	50 51.92	7093	29	25 29 41.2	799	541	12.2	- 10	+ 8	8.6	
2711	25 1038	C 2801	1555-6		5 50 57.50	+3.6960	+0.0029	25 1 38.4	+ 0.790	-539	11.9	- 23	- 19	9.0	
2712	24 1029	B 2060			51 9.50	6784	28	24 24 11.4	773	537	12.3	+ 42	+ 6	9.8	
2713	30 1063	L 2370			51 12.49	8622	30	30 35 49.9	768	563	9.5	+ 7	- 27	7.8	K 5
2714	24 1033	B 2062	1577	11198-9	51 25.33	6737	27	24 14 13.3	750	536	12.1	- 13	- 8	6.02	B 3
2715	27 922	C 2804			51 25.52	7703	29	27 35 19.5	749	550	13.0	- 2	- 4	9.1	
2716	27 923	C 2805	1572-3	11194	5 51 26.87	+3.7619	+0.0028	27 18 16.9	+ 0.748	-549	10.1	- 14	+ 7	7.7	G 5
2717	31 1147	L 2375			51 31.85	8822	30	31 13 47.0	740	566	12.6	- 4	- 13	9.1	
2718	26 1011	C 2808		11201	51 41.83	7483	28	26 50 29.3	726	546	8.9	+ 15	- 13	8.0	K 2
2719	25 1045	C 2811			51 51.06	7164	28	25 44 18.2	713	542	13.4	- 3	+ 5	9.4	
2720	28 957	C 2812	1587		51 59.72	7910	28	28 16 46.4	700	553	11.3	+ 1	- 11	8.5	A 0
2721	29 1054	C 2813	1588		5 52 5.11	+3.8374	+0.0029	29 48 4.4	+ 0.692	-559	12.8	+ 4	+ 1	9.4	
2722	24 1039	B 2074	1596		52 5.25	6840	27	24 36 6.5	692	537	10.7	- 18	- 17	7.31	B 8
2723	24 1040	B 2075	1597		52 6.77	6883	27	24 45 8.9	689	538	13.0	+ 17	+ 1	8.6	
2724	25 1049	C 2814	1601-2		52 13.08	6999	27	25 9 40.7	681	540	11.4	- 4	- 10	8.6	
2725	25 1050	C 2815			52 18.89	7148	28	25 40 55.9	672	542	12.3	- 23	+ 21	9.4	
2726	25 1052	C 2818		11220	5 52 24.55	+3.7223	+0.0027	25 56 37.0	+ 0.664	-543	10.6	- 1*	- 4*	4.90	B 2
2727	28 958	C 2817	1606		52 26.39	7880	27	28 10 36.0	662	553	12.0	+ 11	+ 8	8.8	B 8
2728	24 1043	B 2077	1612		52 28.60	6842	27	24 36 23.9	657	537	10.7	+ 7	- 10	7.96	B 8
2729	29 1056	C 2819			52 30.16	8252	28	29 24 6.6	656	558	12.4	+ 20	- 22	9.0	
2730	25 1053	C 2821		11229	52 34.23	7113	27	25 33 33.0	650	541	11.6	+ 24	- 9	8.4	K 0
2731	29 1058	C 2822			5 52 39.12	+3.8318	+0.0028	29 37 3.2	+ 0.643	-558	10.7	- 42	- 13	7.81	B 9
2732	26 1018	C 2823			52 43.37	7296	27	26 11 37.2	637	544	12.8	- 1	- 22	9.0	A 3
2733	30 1071	C 2824	1613		52 48.78	8499	28	30 11 52.7	628	561	12.5	+ 27	- 18	8.8	
2734	25 1055	C 2826	1626-8		53 0.65	7035	25	25 17 10.6	611	540	13.6	+ 5	- 19	9.4	
2735	24 1045	B 2083			53 4.45	6894	26	24 47 22.2	606	538	11.0	+ 4	- 57	7.61	G 5
2736	29 1061	C 2827			5 53 5.82	+3.8181	+0.0027	29 10 10.1	+ 0.603	-557	13.0	- 12	- 20	9.4	
2737	29 1062	C 2830		11238	53 9.78	8430	27	29 58 33.5	598	560	11.1	+ 13	- 27	7.06	A 3
2738	25 1057	C 2832	1636-7		53 13.95	7025	25	25 14 58.0	592	540	12.4	- 6	- 29	9.4	
2739	31 1154	L 2382	1625		53 13.98	8758	26	31 1 18.9	592	565	13.7	- 9	- 13	9.4	B 8
2740	27 935	C 2831	1634	11246	53 15.06	7709	26	27 36 11.4	590	550	12.4	+ 19	+ 5	8.2	B 9
2741	25 1058	C 2834		11252-3	5 53 18.45	+3.7174	+0.0026	25 46 8.8	+ 0.586	-542	11.9	- 17	- 17	6.61	K 0
2742	27 936	C 2833	1638		53 20.40	7761	26	27 46 33.0	583	551	13.7	+ 4	- 15	9.4	
2743	27 938	C 2835	1644	11254	53 26.29	7695	26	27 33 13.9	574	550	11.5	- 19	- 1	7.9	B 9
2744	27 940	C 2836		11256	53 31.07	7699	25	27 33 57.2	567	550	12.6	- 53	+ 10	9.4	A
2745	31 1156	L 2385	1641		53 34.08	8772	26	31 3 46.6	563	565	10.8	- 10	- 41	8.0	F 5
2746	25 1060	C 2838			5 53 38.99	+3.6970	+0.0024	25 3 19.0	+ 0.555	-539	11.9	- 27	- 25	9.5	
2747	29 1066	C 2839	1650	11260	53 50.56	8437	25	29 59 54.5	538	560	10.2	- 8	- 12	8.46	A 3
2748	28 965	C 2841	1669		54 19.67	8052	25	28 44 31.2	500	555	11.5	+ 24	- 45	8.8	F 5
2749	25 1065	C 2842			54 20.69	6978	23	25 4 57.4	494	539	12.0	+ 12	+ 2	9.0	
2750	28 966	C 2843	1673		54 24.04	7865	24	28 7 12.1	490	553	10.9	- 7	- 34	7.04	K 5

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
2751	29 1069	C 2844			h m s	s	s	° ' "	"	"					
2752	27 943	C 2845	1675	11287	5 54 27.24	+3.8257	+0.0025	29 24 50.8	+0.485	-559	12.4	-19	-18	9.4	
2753	31 1158	L 2391	1670	11280	54 27.54	7611	24	27 16 5.3	484	548	11.8	-5	-74	6.83	K o
2754	31 1159	L 2392			54 28.07	9052	25	31 56 7.0	484	570	11.5	+2	-21	7.24	K o
2755	25 1067	C 2846	1681		54 30.48	8890	24	31 25 54.7	481	567	12.4	+136	-286	9.4	
2756	24 1052	C 2847			54 39.95	7010	23	25 11 34.5	466	540	12.2	+16	+2	8.8	
2757	25 1069	C 2850	1685		5 54 40.92	+3.6939	+0.0024	24 56 37.3	+0.465	-539	12.9	+15	-38	8.6	
2758	28 969	C 2851	1684	11302	54 47.40	7217	24	25 55 2.3	456	543	11.8	-7	0	8.6	F o
2759	29 1072	C 2852			54 53.58	8131	24	29 0 3.5	446	557	11.5	+10	-34	7.32	F o
2760	31 1162	L 2394	1683		54 57.74	8213	24	29 16 4.8	440	559	12.8	+4	-21	9.4	
2761	24 1055	C 2854	1694		55 1.22	9060	24	31 57 27.6	436	570	11.4	-3	-20	7.7	A 3
2762	26 1031	C 2855			5 55 2.13	+3.6891	+0.0023	24 46 22.4	+0.434	-538	13.3	-34	-11	8.6	
2763	27 945	C 2856	1705-6	11326	55 9.08	7445	23	26 41 56.4	424	546	13.4	-7	0	8.8	
2764	31 1164	L 2396	1697-8		55 21.05	7701	22	27 34 7.0	407	550	11.2	-17	-20	6.08	B 8
2765	30 1081	L 2397	1700		55 21.25	8763	22	31 1 51.0	407	565	13.4	-1	-4	6.01	A o
2766	31 1165	L 2398			55 22.86	8701	23	30 50 5.3	404	564	12.9	+20	-77	9.1	
2767	25 1073	C 2857	1711		5 55 24.38	+3.8925	+0.0023	31 32 15.1	+0.402	-568	10.7	+20	-39	7.8	G 5
2768	30 1084	L 2401			55 28.90	7209	23	25 53 16.6	395	543	13.6	+19	+20	9.4	
2769	29 1074	C 2859			55 29.84	8600	23	30 30 55.1	394	562	13.5	+11	-37	9.4	
2770	28 974	C 2860	1710		55 35.34	8266	23	29 26 24.8	386	559	11.9	-17	-24	8.5	A o
2771	25 1075	C 2862			55 35.37	8072	23	28 48 9.1	386	555	13.2	-17	-46	9.0	
2772	29 1075	C 2861	1713		5 55 36.79	+3.7065	+0.0023	25 23 0.3	+0.383	-541	14.0	+8	+20	9.4	
2773	26 1034	C 2864	1716		55 40.39	8308	23	29 34 29.2	379	559	11.8	-10	-15	8.4	A 2
2774	28 979	C 2865	1719	11344	55 44.72	7456	22	26 44 15.5	372	546	12.8	+16	-23	9.1	
2775	31 1168	L 2404	1717		55 57.20	7892	21	28 12 26.1	354	553	13.6	-3	-7	9.4	A o
2776	25 1079	C 2867	1730-1		56 0.57	8857	22	31 19 30.9	348	567	11.6	+8	-23	8.0	G 5
2777	27 955	C 2874	1746		5 56 1.00	+3.7094	+0.0022	25 29 9.8	+0.348	-541	12.0	0	-38	9.1	G o
2778	28 982	C 2875			56 25.00	7594	21	27 12 19.0	313	548	13.4	-6	-21	9.1	
2779	26 1039	C 2880			56 29.44	7872	21	28 8 25.1	308	553	12.8	+35	-7	9.4	
2780	24 1071	C 2884			56 51.19	7367	20	26 25 51.2	276	545	10.3	+5	-2	8.7	F 2
2781	28 989	C 2882		11380	56 53.88	6892	20	24 46 26.5	271	538	11.6	+8	-7	8.8	A o
2782	30 1091	L 2415			5 56 54.07	+3.7892	+0.0020	28 12 22.8	+0.271	-553	12.4	+34	-27	9.5	
2783	28 991	C 2886		11394-5	57 4.38	8549	20	30 20 52.2	257	562	13.4	+8	-7	9.4	
2784	25 1089	C 2890	1773	11400	57 16.99	8034	21	28 40 38.6	238	555	11.0	-2	+3	7.9	B 3
2785	31 1174	L 2416	1769		57 17.49	7210	20	25 53 10.8	238	543	12.1	+25	-76	8.0	F 8
2786	25 1088	C 2891	1775		57 17.39	8771	20	31 3 10.3	238	565	12.8	-10	+1	9.0	B
2787	29 1083	C 2887			5 57 18.25	+3.7149	+0.0020	25 40 33.2	+0.236	-542	11.6	+23	+16	8.8	
2788	31 1175	L 2417			57 19.01	8373	20	29 46 53.4	235	560	12.0	+10	-20	9.4	
2789	24 1075	B 2137			57 32.10	8879	19	31 23 26.6	216	567	10.5	-36	+19	7.12	F 8
2790	27 963	C 2894	1784-5		57 43.41	6736	19	24 13 10.5	200	536	12.2	+18	-53	9.1	
2791	24 1076	C 2896	1790		57 46.97	7725	19	27 38 40.9	194	550	10.1	+24	-52	8.8	F 2
2792	26 1044	C 2897	1791		5 57 48.01	+3.6956	+0.0019	24 59 51.0	+0.192	-539	12.8	+12	+3	9.4	
2793	26 1045	C 2898			57 50.16	7280	19	26 7 41.0	190	544	13.0	+30	+5	9.1	
2794	26 1046	C 2900	1795	11418-20	57 51.51	7324	19	26 16 50.7	187	544	13.3	+9	-6	9.1	A 2
2795	29 1089	C 2901	1823		57 57.31	7397	19	26 31 51.8	179	545	12.7	-1	+4	6.97	B 8
2796	31 1179	L 2422	1789		58 1.40	8249	18	29 22 48.0	174	558	13.9	+47	-49	8.7	G 5
2797	26 1049	C 2903			5 58 3.81	+3.8860	+0.0018	31 19 49.5	+0.169	-567	14.0	+4	-15	9.4	
2798	26 1050	C 2904			58 8.31	7507	19	26 54 26.4	163	547	12.0	-26	-1	9.1	
2799	31 1181	L 2424	1796	11415	58 8.96	7458	19	26 44 26.8	162	546	14.0	-4	-10	8.7	
2800	26 1051	C 2906	1802		58 10.97	8957	18	31 38 4.1	159	568	14.0	+25	+2	8.8	A o
					58 16.15	7346	18	26 21 18.6	152	544	14.0	+8	+12	8.8	

2756, 2787, 2790, 2793, 2795, 2796, 2799, 2800. Number of observations 4.
 2780, 2794. Number of observations 6.
 2791. Burnham 3117.

2792, 2797. Number of observations 3.

2763. Burnham 3089.
 2784. Burnham 3102.

2769. Burnham 3091.
 2790. Σ 830.
 2799. Burnham 3117.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 8.001.		
2801	28 994	C 2905		11429-30	5 58 18.23	+3.8026	+0.0018	28 38 56.5	+ 0.149	-0.555	13.0	+ 39	- 15	8.8	B 9
2802	25 1097	C 2908			58 19.70	6979	18	25 4 47.4	146	539	14.7	- 25	+ 2	9.4	
2803	27 966	C 2907	1804-5		58 21.57	7704	18	27 34 27.0	143	550	12.6	+ 33	0	7.8	A 0
2804	24 1079	C 2910			58 28.63	6881	18	24 44 5.7	133	538	13.9			9.0	
2805	29 1094	C 2909			58 30.95	8293	17	29 31 21.5	130	558	14.3	+ 39	- 22	8.8	A 0
2806	24 1080	C 2912			5 58 34.41	+3.6952	+0.0018	24 58 56.1	+ 0.125	-0.539	14.1	+ 41	- 30	9.1	
2807	25 1099	C 2913	1816		58 34.67	6984	18	25 5 49.7	124	539	14.2	- 3	- 16	8.81	K 0
2808	28 997	C 2911	1812-3	11434	58 34.90	7922	17	28 18 14.9	124	553	13.0	+ 16	+ 1	8.4	K 2
2809	25 1100	C 2915	1817	11441	58 38.24	7084	18	25 26 53.0	120	541	13.0	+ 6	- 45	7.01	K 0
2810	28 998	C 2914		11436	58 40.26	8129	17	28 59 16.6	117	556	13.9	+ 26	- 6	8.6	B 9
2811	30 1098	L 2428			5 58 47.50	+3.8515	+0.0017	30 14 18.2	+ 0.105	-0.561	13.0	- 11	- 5	8.2	A
2812	31 1187	L 2427			58 48.24	8772	17	31 3 11.5	105	565	13.5	+ 23	- 13	8.8	
2813	25 1105	C 2916	1833		59 9.17	7009	17	25 11 2.6	074	540	11.6	+ 27	- 67	8.6	F 8
2814	29 1097	C 2918	1830		59 15.53	8229	16	29 18 56.7	064	557	12.1	+ 5	- 7	9.4	
2815	28 1001	C 2919			59 16.04	8063	16	28 46 18.5	064	555	12.3	+ 1	+ 33	9.1	
2816	27 968	C 2920	1834	11460	5 59 17.83	+3.7541	+0.0017	27 1 22.8	+ 0.061	-0.547	13.0	+ 6	- 22	8.8	A 0
2817	30 1102	C 2921			59 22.65	8524	16	30 15 59.4	054	561	12.4	- 10	- 67	8.7	
2818	26 1056	C 2922	1843		59 25.06	7266	17	26 4 44.0	051	543	13.3	+ 6	- 14	8.7	A 2
2819	25 1108	C 2925	1850	11469-70	59 30.89	7187	17	25 48 21.9	042	542	13.0	+ 7	- 9	8.0	A 5
2820	25 1109	C 2927			59 33.52	7231	17	25 57 23.8	038	543	11.9	+ 32	- 37	8.4	
2821	29 1100	C 2926	1849		5 59 36.18	+3.8149	+0.0016	29 3 13.5	+ 0.035	-0.556	11.3	- 28	- 8	9.4	
2822	24 1086	B 2159	1851		59 38.34	6773	16	24 21 0.0	+ 0.032	536	11.8	+ 16	- 18	8.8	B 9
2823	31 1192	L 2434			6 0 1.44	8964	15	31 39 19.3	- 0.02	568	13.5	+ 11	+ 15	9.0	A 3
2824	31 1193	L 2437	1856	11476	0 6.66	9062	15	31 57 28.6	010	570	12.5	- 7	- 31	7.9	G 5
2825	29 1106	C 2931			0 14.17	8246	14	29 22 7.5	020	558	13.5	+ 24	- 13	9.1	
2826	26 1067	C 2935			6 0 19.57	+3.7410	+0.0015	26 34 14.6	- 0.029	-0.545	14.20	- 113	- 363	9.1	
2827	28 1008	C 2936	1869	11490	0 23.53	8115	15	28 56 31.6	035	556	11.5	+ 19	- 9	7.45	B 0
2828	30 1108	C 2937			0 26.21	8463	14	30 4 12.9	038	561	13.6	+ 1	- 22	9.4	
2829	29 1109	C 2938			0 30.03	8220	14	29 17 1.5	044	557	13.4	+ 8	- 13	8.6	A 0
2830	30 1110	L 2442	1873		0 31.59	8687	14	30 47 8.8	047	564	13.4	+ 19	- 3	8.5	B 8
2831	31 1195	L 2441		11491	6 0 31.94	+3.8889	+0.0014	31 25 16.2	- 0.047	-0.567	11.9	+ 3	- 17	8.0	G 5
2832	29 1111	C 2940	1880-1	11498	0 33.32	8165	14	29 6 20.1	048	556	12.8	+ 22	- 77	7.58	K 2
2833	27 975	C 2942		11504	0 35.36	7814	15	27 56 32.4	051	552	12.6	+ 20	- 10	8.4	A 0
2834	26 1070	C 2944	1891		0 35.28	7252	15	26 1 46.9	051	543	13.1	+ 17	+ 3	9.4	
2835	29 1112	C 2943		11501	0 37.68	8292	15	29 31 12.7	055	558	12.8	- 6	- 26	6.32	Ma
2836	31 1196	L 2444	1883	11500	6 0 45.32	+3.9068	+0.0014	31 58 33.1	- 0.066	-0.570	13.4	+ 33	- 32	8.7	
2837	26 1074	C 2946		11515-6	0 47.43	7398	15	26 32 2.2	069	545	12.8	+ 5	+ 4	7.6	K 0
2838	27 979	C 2947	1897	11517	0 50.93	7553	15	27 3 49.3	074	547	13.2	+ 5	- 3	8.6	B 8
2839	24 1092	C 2953	1906		1 11.21	6889	14	24 45 35.6	104	538	13.9	+ 19	- 7	8.7	A 0
2840	24 1095	B 2172			1 24.41	6765	14	24 19 18.6	123	536	13.5	+ 13	+ 6	8.6	
2841	26 1079	C 2955		11532	6 1 25.79	+3.7441	+0.0014	26 40 49.5	- 0.125	-0.546	13.8	+ 18	+ 8	7.50	K 0
2842	24 1096	B 2174			1 25.77	6831	14	24 33 18.4	125	537	14.0	+ 7	- 9	9.0	
2843	26 1082	C 2957		11544	1 43.08	7444	13	26 41 31.1	150	546	12.7	+ 11	- 23	7.01	B 9
2844	25 1121	C 2958	1926		1 50.10	7108	13	25 31 46.5	160	541	13.6	- 10	- 24	8.8	
2845	28 1015	C 2959			1 57.84	7976	12	28 28 58.7	172	554	12.7	+ 5	+ 1	9.4	
2846	27 991	C 2960	1930	11549	6 1 59.74	+3.7792	+0.0012	27 52 13.7	- 0.175	-0.550	13.3	+ 22	- 2	8.6	B 9
2847	28 1016	C 2962			2 2.56	7868	12	28 7 29.5	179	553	13.6	+ 17	- 27	9.1	
2848	26 1086	C 2964	1938		2 5.72	7371	13	26 26 34.4	184	545	13.5	- 105	- 38	8.6	
2849	28 1018	C 2965	1933		2 10.36	8124	12	28 58 17.7	190	556	14.4	- 14	- 24	9.1	
2850	28 1018	C 2966			2 11.37	8124	12	28 58 21.8	191	556	14.4	- 14	- 24	9.1	

2801-2806, 2808, 2811, 2813-2817, 2821, 2824, 2827, 2828, 2831-2833, 2842, 2847, 2848. Number of observations 4.
2835. Burnham 3133.

2811. Σ 834.

2849, 2850. Burnham 3153.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Procession.	Sec. Var.	Dec. 1910.0.	Procession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	s	° ' "	"	"					
2851	27 994	C 2967		11568	6 2 19.90	+3.7664	+0.0012	27 26 31.4	- 0.204	-548	13.6	+ 32	- 72	8.2	G 0
2852	26 1088	C 2970	1951	11573	2 21.21	7362	12	26 24 41.9	206	545	12.3	+ 5	+ 5	7.8	A 0
2853	29 1119	C 2968	1942		2 21.78	8154	11	29 4 11.9	207	555	13.8	- 2	- 31	8.8	B 9
2854	25 1125	C 2972	1960		2 25.54	7090	13	25 28 5.1	213	541	13.0	- 22	+ 4	8.0	B 9
2855	25 1124	C 2973	1958		2 26.49	7224	12	25 56 10.1	213	543	13.7	+ 31	- 18	8.0	F 5
2856	30 1121	L 2452		11560	6 2 30.44	+3.8522	+0.0010	30 15 47.0	- 0.219	-562	13.4	+ 13	- 43	8.4	G 5
2857	30 1120	L 2453	1949		2 31.17	8625	10	30 35 23.6	220	563	13.8	+ 20	- 27	8.7	F 8
2858	31 1203	L 2455	1950-3	11570	2 34.89	8823	10	31 12 55.7	226	566	12.7	+ 66	+ 3	8.0	F 8
2859	26 1090	C 2974	1964		2 36.93	7392	12	26 30 55.0	229	545	14.0	- 8	- 56	9.4	A 0
2860	24 1109	C 2976			2 37.92	6934	12	24 55 12.7	230	539	13.5	+ 20	+ 6	8.66	A 0
2861	28 1021	C 2975	1944		6 2 40.53	+3.8129	+0.0011	28 59 20.8	- 0.235	-556	13.9	+ 4	+ 2	9.0	G 5
2862	30 1122	L 2456	1961	11580-1	2 42.81	8624	10	30 35 10.5	238	563	12.3	- 3	- 39	8.0	G 5
2863	29 1121	C 2979	1972		2 51.21	8142	10	29 1 53.0	249	555	14.1	+ 31	- 13	9.0	K 0
2864	25 1128	C 2980	1980		2 53.15	7237	12	25 58 45.8	252	543	12.8	- 9	+ 4	8.2	K 0
2865	26 1094	C 2981	1982		2 54.10	7390	11	26 30 26.4	256	545	13.3	+ 31	- 5	9.0	K 0
2866	29 1123	C 2982			6 3 2.98	+3.8397	+0.0010	29 51 36.3	- 0.267	-559	13.3	+ 16	- 5	8.61	F 2
2867	25 1130	C 2983			3 5.26	7147	11	25 40 13.0	270	542	13.7	- 3	+ 17	8.7	B 9
2868	25 1131	C 2985		11611	3 13.53	7145	11	25 39 35.3	283	542	14.1	+ 19	- 39	7.6	Ma
2869	31 1207	L 2460	1985-6	11603	3 17.06	8843	9	31 16 43.8	287	566	12.8	+ 2	- 13	7.46	A 2
2870	30 1126	L 2461	1996		3 20.96	8606	9	30 31 47.6	293	563	13.1	+ 13	+ 18	8.6	A 2
2871	28 1024	C 2986			6 3 21.04	+3.8060	+0.0010	28 45 46.7	- 0.293	-555	13.3	+ 7	- 16	9.0	F 5
2872	31 1208	L 2462	1988-9		3 22.98	8994	9	31 44 53.8	296	569	13.8	+ 8	- 5	8.8	F 5
2873	26 1099	C 2989	1998-9		3 24.59	7376	11	26 27 41.3	299	546	14.0	+ 15	- 8	9.4	B 8
2874	24 1123	B 2209	2002		3 25.50	6779	11	24 22 24.2	300	536	12.8	- 2	- 23	8.6	B 8
2875	30 1127	C 2988			3 27.09	8453	9	30 2 36.3	302	561	13.6	+ 43	- 24	9.0	B 8
2876	25 1133	C 2991		11617	6 3 28.39	+3.7106	+0.0011	25 31 35.7	- 0.303	-541	12.3	+ 21	- 4	8.1	A 0
2877	29 1126	C 2993	2006		3 41.16	8169	9	29 7 20.0	322	555	12.8	+ 28	- 37	8.5	A 0
2878	24 1126	B 2213	2003		3 44.75	6798	10	24 26 31.5	328	537	13.1	+ 37	- 22	8.2	G 0
2879	27 1006	C 2994	2012	11627	3 48.21	7595	10	27 12 30.3	332	547	13.3	+ 14	- 3	8.0	K 0
2880	24 1128	B 2214			3 48.56	6841	10	24 35 41.4	334	537	12.8	- 9	- 23	8.6	A 0
2881	28 1026	C 2995	2011		6 3 50.42	+3.8035	+0.0010	28 40 50.2	- 0.335	-555	14.1	0	- 4	7.8	F 5
2882	28 1027	C 2996			3 57.04	7942	9	28 22 32.7	346	554	13.8	+ 24	+ 18	9.0	F 5
2883	29 1128	C 2997	2017	11632	3 59.56	8210	9	29 15 15.8	350	557	12.1	- 20	- 54	7.8	F 5
2884	28 1028	C 3001		11636	4 3.52	7954	9	28 24 48.7	356	553	12.7	+ 45	+ 27	8.4	F 5
2885	28 1029	C 3002			4 12.35	8017	9	28 37 17.3	367	554	13.8			10.2	F 5
2886	24 1135	B 2217			6 4 18.78	+3.6739	+0.0011	24 13 51.5	- 0.378	-536	13.5	+ 15	- 7	8.5	A 2
2887	29 1131	C 3003	2026		4 20.91	8243	8	29 21 46.6	381	558	13.2	- 13	- 11	8.6	A 2
2888	24 1138	B 2219			4 25.11	6852	10	24 38 5.7	386	538	14.2	- 23	+ 15	9.4	A 2
2889	30 1132	C 3004			4 25.25	8453	7	30 2 41.7	386	560	13.8	- 1	- 22	9.21	A 0
2890	30 1133	L 2475		11643-4	4 26.67	8617	7	30 34 0.5	389	563	14.0	+ 27	- 60	7.8	G 5
2891	30 1134	L 2476		11646-7	6 4 29.61	+3.8578	+0.0007	30 26 33.7	- 0.394	-562	13.6	+ 25	- 41	8.0	G 5
2892	26 1110	C 3005	2041		4 34.79	7370	9	26 26 38.5	401	545	13.4	+ 24	- 21	8.8	G 5
2893	26 1111	C 3006	2044-5		4 38.91	7392	9	26 31 2.9	407	545	13.7	+ 26	- 21	8.7	G 5
2894	30 1136	L 2480		11657	4 39.31	8539	6	30 19 10.0	407	562	13.6	+ 22	- 9	8.2	G 5
2895	28 1031	C 3009		11669	4 45.01	8017	8	28 37 32.0	416	554	13.9	+ 29	- 5	9.4	G 5
2896	29 1133	C 3012	2048		6 4 49.08	+3.8264	+0.0008	29 25 59.2	- 0.421	-559	13.4	+ 28	- 14	8.6	A 0
2897	30 1138	L 2486	2043-6		4 50.50	8745	6	30 58 26.8	424	565	12.4	+ 10	- 15	8.1	F 8
2898	31 1221	L 2487			4 52.26	8863	6	31 20 44.3	426	567	13.3	+ 6	- 2	9.0	F 8
2899	26 1116	C 3014	2055-6		5 0.59	7377	8	26 27 57.7	439	545	12.5	+ 16	- 10	8.8	A 2
2900	26 1117	C 3015	I	11684	5 17.82	7251	8	26 1 57.8	464	543	11.5	- 7	0	7.93	N

2851, 2852, 2854, 2856-2859, 2862, 2865, 2866, 2868-2880, 2882-2884, 2888-2891, 2897, 2898. Number of observations 4.
 2869. Burnham 3166. 2878. Burnham 3176. 2883. Burnham 3178.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
2901	29 1136	C 3016			h m s	s	s	° ' "	"	"	.				
2902	30 1141	L 2491	2	11680-1	6 5 27.19	+3.8414	+0.0007	29 55 10.9	-0.477	-560	12.8	- 3	+ 20	9.4	
2903	28 1036	C 3018	4-5	11689	5 31.60	8655	5	30 41 31.6	484	563	12.0	- 11	- 14	8.0	A
2904	24 1148	C 3019			5 31.99	8108	8	28 55 34.1	484	556	10.6	+ 5	+ 8	7.63	B 8
2905	30 1142	L 2492	3	11683-5	5 32.56	6927	8	24 54 2.6	485	539	12.3	+ 8	- 5	8.21	B 9
2906	25 1147	C 3020		11693	5 33.04	8661	5	30 42 33.4	485	563	12.0	- 11	- 30	8.4	
2907	25 1151	C 3022			6 5 34.35	+3.7228	+0.0008	25 57 13.8	-0.487	-543	13.0	+ 2	- 4	9.4	F
2908	31 1223	L 2494	12-3		5 51.33	7118	7	25 34 23.4	512	541	12.5	+ 2	- 31	9.4	G 5
2909	27 1012	C 3023			5 53.03	8813	4	31 11 33.2	515	566	11.0	+ 10	0	7.9	A 2
2910	28 1038	C 3025	16	11699	5 54.26	7559	7	27 5 29.9	516	547	13.3	+ 3	+ 6	9.1	A
2911	26 1120	C 3027	18		5 58.08	8066	5	28 47 16.9	522	555	13.0	+ 2	- 22	8.4	A 2
2912	24 1151	B 2230	22		6 6 0.46	+3.7380	+0.0006	26 28 44.4	-0.525	-545	13.7	+ 39	- 55	9.0	
2913	25 1153	C 3028			6 1.07	6796	8	24 26 26.4	526	536	12.0	+ 5*	- 56*	5.92	K 0
2914	29 1138	C 3026			6 1.86	6963	7	25 1 46.2	528	538	14.0	+ 20	- 23	7.76	G 5
2915	26 1122	C 3029			6 2.84	8345	5	29 42 0.2	529	560	14.2	- 13	+ 6	8.21	B 9
2916	26 1123	C 3030	24		6 4.08	7446	6	26 42 17.4	531	546	14.3	+ 20	+ 10	8.4	A 0
2917	27 1013	C 3031			6 6 7.05	+3.7370	+0.0006	26 26 50.7	-0.535	-545	14.0	+ 4	+ 22	9.8	
2918	26 1125	C 3033	28	11714	6 8.70	7577	7	27 9 11.4	538	548	13.6	- 10	- 21	8.2	A 0
2919	26 1126	C 3034	29		6 9.47	7242	6	26 0 18.6	538	543	14.0	- 3	- 2	8.8	
2920	29 1139	C 3035			6 10.62	7371	6	26 27 5.1	541	545	14.0	- 10	- 2	9.0	
2921	24 1153	B 2235			6 16.45	8421	5	29 56 53.8	548	560	14.0			10.0	
2922	29 1140	C 3036			6 6 20.63	+3.6879	+0.0007	24 43 57.4	-0.555	-537	12.6	+ 11	- 19	8.7	
2923	26 1127	C 3037	37		6 20.88	8287	5	29 30 44.9	555	558	11.8	+ 10	- 18	7.41	G 5
2924	31 1226	L 2499			6 26.46	7382	6	26 29 12.6	563	545	13.2	+ 10	- 12	8.6	A 0
2925	31 1227	L 2500			6 26.46	8894	3	31 26 43.5	563	566	14.2	- 13	- 24	9.0	A 0
2926	24 1156	B 2239			6 35.53	8890	3	31 26 1.3	577	566	13.3	+ 15	- 2	9.4	A 0
2927	30 1149	L 2501			6 6 37.38	+3.6878	+0.0007	24 43 48.8	-0.579	-537	13.4	+ 35	- 20	9.2	
2928	30 1150	L 2503			6 42.02	8542	3	30 20 13.7	586	562	13.4	+ 21	+ 17	9.0	
2929	29 1144	C 3040			6 43.37	8609	3	30 32 50.1	587	563	13.0	- 11	- 15	8.4	
2930	30 1151	L 2505	46-7	11726-7	6 46.91	8413	4	29 55 14.7	593	560	14.0	+ 67	- 155	9.4	
2931	24 1159	C 3041	59		6 47.76	8688	3	30 48 3.0	595	564	10.7	+ 3	- 25	7.7	A 3
2932	31 1229	L 2506	56		6 6 58.67	+3.6939	+0.0006	24 56 53.2	-0.596	-538	12.0	+ 16	- 15	9.0	
2933	29 1145	C 3042			7 6.52	8794	2	31 8 11.3	622	565	14.1	+ 16	- 7	9.4	
2934	25 1159	C 3044			7 7.41	8255	4	29 24 34.7	622	558	14.2	+ 15	- 14	9.1	A 2
2935	29 1146	C 3043			7 8.21	7158	5	25 42 55.8	624	541	13.7	- 10	- 10	8.6	A 2
2936	24 1161	B 2242			7 11.62	8358	3	29 44 46.3	630	559	12.5	- 12	- 92	8.8	
2937	27 1019	C 3047	70	11757	6 7 18.42	+3.6798	+0.0007	24 26 55.7	-0.638	-536	12.8	+ 7	- 32	9.0	A 0
2938	29 1147	C 3048	77-8-81		7 21.60	7665	5	27 27 17.8	644	549	12.8	+ 22	- 39	8.6	F 2
2939	31 1231	L 2509	79-80		7 33.27	8146	3	29 3 26.8	660	556	11.3	+ 20	0	8.2	A 5
2940	25 1163	C 3050	92-3		7 39.54	8889	1	31 26 7.3	665	566	12.5	- 72	- 37	9.4	G 5
2941	27 1024	C 3051	94 5		7 48.52	7060	4	25 22 33.6	684	540	11.7	- 5	+ 6	8.5	A 0
2942	25 1164	C 3053			6 7 53.63	+3.7587	+0.0003	27 11 33.2	-0.691	-548	13.4	+ 13	+ 17	9.4	
2943	26 1139	C 3052			7 53.64	7154	4	25 42 20.9	691	541	13.3	- 5	+ 41	9.1	A
2944	24 1165	B 2250	102		7 54.31	7378	4	26 28 46.8	691	545	13.3	+ 34	- 19	9.4	
2945	28 1051	C 3056			8 8.83	6868	5	24 41 56.4	713	537	11.3	+ 18	- 11	9.0	
2946	24 1168	B 2253	113	11796	8 35.41	8046	1	28 43 50.0	751	554	12.1	- 17	- 3	9.4	
2947	30 1159	L 2513			6 8 38.85	+3.6674	+0.0004	24 0 42.8	-0.756	-534	11.1	- 12	- 21	8.0	F 0
2948	28 1052	C 3057			8 41.27	18689	0	30 48 31.2	759	563	11.8	+ 3	- 52	9.0	
2949	27 1028	C 3058	122	11801	8 42.46	7842	1	28 3 14.4	761	551	12.4	+ 24	- 34	8.8	F
2950	31 1239	L 2517		11792	8 56.24	7718	+	27 38 24.4	781	550	12.2	- 7	- 7	8.2	K 2
					8 58.43	8972	-	31 41 53.1	784	568	13.0	+ 11	- 18	8.7	A 0

2901, 2903, 2906, 2907, 2909, 2911-2920, 2922, 2928, 2931-2933, 2935, 2936, 2950. Number of observations 4.
2922. Σ 862.

2904. Σ 860.
2936. Burnham 3215.
2938. Burnham 3217.

2910. Burnham 3201.
2946. Burnham 3229.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
2951	30 1161	L 2518	116-7-8		h m s	s	s	° ' "	"	"					
2952	27 1030	C 3060			6 9 0.35	+3.8741	-.0001	30 58 34.1	-0.787	-.564	13.4	+ 19	- 21	8.7	A 0
2953	25 1174	C 3061	139-41	11825	9 12.76	7644	+ 1	27 23 23.0	806	549	12.9	- 25	+ 38	9.4	
2954	27 1032	C 3062			9 14.88	7030	+ 3	25 16 27.9	809	539	12.3	- 19	+ 8	8.2	K 2
2955	28 1053	C 3063	138		9 19.87	7800	+ 1	27 55 6.2	816	551	14.2	+ 4	+ 28	9.0	
2956	31 1244	L 2521	136	11816	9 23.33	8115	0	28 57 45.1	819	555	14.0	+ 32	- 27	9.0	
2957	29 1153	C 3064			6 9 25.34	+3.8908	-.0002	31 29 59.3	-0.823	-.567	13.8	+ 25	- 47	8.0	G 5
2958	24 1174	B 2263			9 25.55	8221	0	29 18 25.9	825	556	13.5	+ 48	- 30	8.4	A 0
2959	29 1154	C 3064a	147	11831-2-3	9 32.84	6833	+ 2	24 34 56.9	835	536	12.2	+ 16	- 16	8.6	K 5
2960	26 1148	C 3067			9 38.58	8289	0	29 31 53.7	843	557	12.1, 13.1	- 49*	- 266*	4.45	K 0
2961	29 1155	C 3066			9 39.04	7438	0	26 41 32.2	844	545	14.2	+ 22	- 25	9.4	A 5
2962	29 1158	C 3068	152-3		6 9 41.17	+3.8205	-.0001	29 15 29.9	-0.847	-.556	12.9			8.6	B 9
2963	25 1180	C 3070	159-60	11854	9 47.07	8125	- 1	28 59 51.9	855	555	13.3	+ 24	+ 41	8.8	
2964	31 1246	L 2524		11838	9 51.22	7054	+ 2	25 21 41.4	861	540	11.1	- 14	+ 14	7.71	K 5
2965	30 1167	L 2526			9 52.89	9024	- 4	31 51 52.3	864	568	11.8	+ 1	- 8	8.6	A 0
2966	30 1168	L 2530			10 1.87	8688	4	30 48 46.1	877	563	13.5	+ 18	- 16	8.6	B 9
2967	27 1036	C 3073	166-7	11840	6 10 9.84	+3.8603	-.0005	30 32 33.2	-0.880	-.562	13.4	+ 11	+ 13	8.8	A 0
2968	26 1150	C 3075			10 14.63	7791	1	27 53 27.0	896	550	13.4	+ 21	- 31	8.0	K 2
2969	31 1249	L 2533	164		10 16.45	7366	0	26 26 45.2	898	543	13.9			8.6	A 2
2970	24 1176	B 2268	177		10 20.06	8869	- 3	31 22 57.1	904	565	14.0	+ 18	- 17	9.0	
2971	28 1058	C 3077	171-2		10 20.32	6694	+ 1	24 5 27.1	904	533	12.8	+ 14	- 25	9.4	
2972	24 1178	B 2269			6 10 22.21	+3.7893	-.0002	28 13 50.4	-0.906	-.552	13.2	+ 4	+ 5	7.8	A 0
2973	28 1059	C 3079			10 23.61	6713	+ 1	24 9 22.7	909	534	14.2	+ 15	- 27	9.4	
2974	30 1172	C 3078		11875-6	10 32.71	7892	- 2	28 13 44.8	922	552	13.0			9.4	
2975	28 1060	C 3081	181		10 34.33	8474	4	30 7 57.1	924	560	12.4	+ 12	- 25	6.87	B 9
2976	28 1062	C 3082	180	11880	10 37.68	7912	1	28 17 53.6	930	552	12.8	+ 4	+ 13	9.0	
2977	29 1161	C 3083			6 10 39.44	+3.8089	-.0002	28 52 54.5	-0.931	-.555	12.5	+ 2	- 37	7.31	A 2p
2978	26 1151	C 3085	185		10 42.75	8348	3	29 43 35.2	937	558	13.3	- 11	- 27	9.0	
2979	31 1251	L 2536	178-9	11877	10 43.62	7451	1	26 44 30.1	939	545	13.1	+ 7	- 26	8.8	
2980	24 1182	B 2278	192		10 44.41	8931	- 5	31 34 47.2	939	566	11.9	+ 11	- 88	7.8	K 0
2981	31 1252	L 2537			10 49.10	6668	+ 1	23 59 59.6	945	533	13.4	- 12*	- 24*	6.11	G 5
2982	31 1254	L 2540	183		6 10 45.63	+3.8804	-.0004	31 11 0.9	-0.941	-.564	13.3	+ 1	- 5	9.0	
2983	30 1177	C 3089		11894-5	10 55.26	8871	4	31 23 36.2	955	565	12.8	+ 25	- 32	9.4	
2984	26 1156	C 3091			11 8.05	8443	5	30 2 2.6	973	559	10.5	- 5	- 31	8.11	A 2
2985	29 1163	C 3092	202		11 14.76	7387	2	26 31 27.3	984	544	11.8	+ 13	- 11	8.2	K 0
2986	25 1191	C 3093	205-8	11946	11 20.64	8299	4	29 34 27.1	992	557	11.9	- 21	- 33	8.6	
2987	27 1041	C 3094			6 11 21.40	+3.7099	-.0001	25 31 33.5	-0.992	-.539	12.3	+ 11	+ 25	8.5	G 0
2988	30 1178	L 2543			11 24.79	7787	2	27 52 56.2	998	550	13.2	- 54	- 42	9.4	
2989	27 1045	C 3097	218		11 28.88	8741	6	30 59 21.8	1.003	564	12.5	- 5	- 24	9.0	
2990	29 1165	C 3098			11 46.56	7556	3	27 6 14.2	030	546	10.5	- 11	+ 2	9.4	A 2
2991	26 1164	C 3102			12 1.87	8200	5	29 15 9.4	052	555	11.6	- 27	- 14	7.7	A 0
2992	27 1049	C 3104	233		6 12 10.26	+3.7350	-.0002	26 24 6.4	-1.064	-.543	11.9	+ 13	+ 26	8.8	
2993	28 1071	C 3105	235	11933	12 15.78	7592	4	27 13 49.2	072	547	12.3	+ 41	+ 2	9.4	A 5
2994	26 1169	C 3107	240	11951	12 19.43	7833	4	28 2 25.0	077	550	12.4	+ 21	- 18	7.42	A 0
2995	30 1185	L 2550			12 30.19	7369	2	26 28 6.9	093	543	11.6	- 31	- 17	8.0	K 2
2996	31 1263	L 2551	239		12 36.80	8519	5	30 17 15.0	103	560	12.3	+ 2	- 34	8.8	F
2997	27 1054	C 3109	245-6	11952	6 12 41.47	+3.8789	-.0007	31 8 48.4	-1.110	-.564	12.6	- 10	+ 3	8.7	A 0
2998	29 1170	C 3110			12 42.42	7596	4	27 14 45.0	110	547	12.5	+ 9*	- 76*	6.72	K 0
2999	25 1205	C 3112	253		12 52.39	8372	7	29 49 1.8	125	558	10.4	+ 1	- 48	6.86	A 0
3000	28 1073	C 3113	259	11967	12 56.35	7208	3	25 54 53.9	131	541	13.7	- 12	+ 6	9.4	
					13 6.67	7846	5	28 5 25.6	147	550	11.1	- 11	+ 5	8.0	K 0

2954, 2959, 2962, 2987. Number of observations 6.

2955, 2956, 2963, 2964, 2969, 2970, 2975, 2977, 2978. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. $\frac{1}{1000}$.	Dec. $\frac{1}{100}$.		
3001	25 1207	C 3114		11975	6 13 10.33	+3.7056	-.0003	25 23 0.7	- 1.151	-.539	10.3	+ 14	- 14	8.0	B 8
3002	25 1208	C 3115		11976-8	13 12.50	7108	4	25 34 1.0	155	539	10.7	- 13	- 28	8.4	
3003	31 1264	L 2557	258		13 13.13	8868	8	31 23 56.7	155	565	12.3	- 5	+ 3	9.0	
3004	29 1172	C 3116		11937	13 28.36	8415	7	29 57 41.6	177	559	12.5	+ 16	- 9	9.0	
3005	29 1173	C 3117	266		13 29.01	8250	7	29 25 24.6	179	556	12.5	+ 10	- 18	9.0	
3006	26 1177	C 3122	274		6 13 38.40	+3.7237	-.0005	26 1 6.6	- 1.192	-.541	13.0	+ 4	+ 14	9.0	F 5
3007	27 1060	C 3121		11991	13 39.32	7529	6	27 1 19.1	193	546	11.1	+ 5	- 3	8.5	B 9
3008	26 1178	C 3123			13 39.58	7506	6	26 56 47.7	195	546	12.6	- 51	- 13	9.4	
3009	25 1213	C 3125	280	11996	13 51.47	7151	5	25 43 14.9	211	540	12.1	+ 5	+ 23	8.8	G 5
3010	26 1179	C 3126			14 3.51	7312	5	26 16 55.7	230	542	14.0	+ 4	+ 20	9.1	
3011	26 1181	C 3128			6 14 9.53	+3.7438	-.0006	26 42 59.9	- 1.238	-.543	13.8	+ 9	- 18	9.1	A 0
3012	28 1078	C 3130	287-8	11973	14 17.34	7956	7	28 27 54.1	249	552	11.5	+ 18	- 31	7.16	A 3
3013	25 1215	C 3131			14 19.05	6959	5	25 3 7.4	251	537	11.7	+ 24	- 62	7.46	K 2
3014	27 1066	C 3132		12013	14 25.74	7645	7	27 25 22.8	262	547	12.2	- 13	+ 16	8.4	A 0
3015	30 1196	L 2563	291		14 27.76	8553	9	30 24 30.7	265	561	12.5	- 12	- 67	7.86	F 0
3016	31 1269	L 2562	290		6 14 28.52	+3.8807	-.0010	31 12 47.8	- 1.266	-.564	13.0	- 23	- 28	9.1	
3017	29 1180	C 3133			14 29.94	8283	10	29 32 24.3	267	556	13.0	+ 8	- 2	9.0	A
3018	24 1206	B 2313			14 34.01	6832	5	24 36 16.4	273	535	10.8	- 41	- 19	8.0	G 0
3019	27 1068	C 3135			14 37.52	7716	8	27 39 43.4	279	548	12.8	- 18	+ 20	8.8	A 0
3020	29 1181	C 3136			14 41.75	8333	10	29 42 6.0	285	556	13.2	+ 43	- 37	9.1	
3021	28 1080	C 3137			6 14 40.81	+3.7867	-.0008	28 6 56.0	- 1.283	-.550	13.0	+ 10	- 11	8.7	K 0
3022	27 1069	C 3138		12028	14 46.22	7615	8	27 19 16.1	291	546	13.1	+ 17	- 15	9.4	A 0
3023	27 1070	C 3139			14 46.63	7716	8	27 39 54.4	292	548	12.8	- 3	- 26	8.6	K 0
3024	28 1081	C 3140	297		14 49.74	8035	9	28 43 36.8	297	553	12.4	+ 2	- 2	8.9	
3025	26 1185	C 3142			14 54.45	7406	7	26 36 35.5	302	543	11.5	+ 19	+ 10	8.4	A 0
3026	25 1222	C 3144			6 14 59.02	+3.7008	-.0007	25 13 34.8	- 1.310	-.538	12.3	+ 20	- 48	9.4	
3027	31 1271	L 2564	300		15 0.88	8955	12	31 40 48.4	313	566	12.3	+ 2	- 49	7.7	F 5
3028	25 1223	C 3146	308	12041-2	15 1.05	7128	8	25 38 53.1	313	540	12.9	+ 21	- 81	7.9	K 5
3029	25 1225	C 3149	309	12043-4	15 3.33	7008	7	25 13 40.8	315	538	11.1	- 8	- 29	7.16	B 9
3030	29 1187	C 3145			15 4.02	8304	10	29 36 40.3	317	556	13.8	+ 13	+ 2	9.1	A 2
3031	29 1188	C 3148	307		6 15 6.11	+3.8118	-.0009	29 0 17.0	- 1.320	-.554	14.0	+ 26	- 33	9.4	
3032	31 1272	L 2565	306		15 9.92	8855	12	31 22 7.1	326	565	13.8	+ 25	- 28	9.0	A 0
3033	26 1187	C 3150			15 12.96	7384	8	26 32 9.6	330	543	13.3	- 23	- 11	9.1	F 5
3034	25 1226	C 3152	317		15 18.51	7155	7	25 44 33.8	339	540	13.2	+ 13	- 16	8.8	G 5
3035	29 1189	C 3151	314		15 20.17	8242	10	29 24 40.4	340	555	11.3	- 16	+ 4	6.91	F 0
3036	29 1190	C 3153	316		6 15 27.29	+3.8294	-.0011	29 34 55.8	- 1.351	-.556	12.8	+ 25	- 63	6.27	A 0
3037	24 1212	B 2320	323		15 29.39	6669	5	24 1 40.5	353	533	12.5	+ 43	+ 10	8.6	G 0
3038	29 1192	C 3155			15 34.91	8205	10	29 17 35.4	362	554	14.2	- 75	+ 24	9.4	
3039	26 1191	C 3156			15 35.37	7364	8	26 28 12.4	362	543	13.3	+ 35	- 6	9.4	A
3040	31 1274	L 2568			15 42.25	8799	12	31 11 51.6	372	564	13.5	- 6	- 9	9.1	A 5
3041	30 1209	L 2569			6 15 52.50	+3.8558	-.0012	30 25 53.1	- 1.388	-.561	11.5	+ 6	- 46	8.1	G 5
3042	24 1218	B 2323	336		15 53.87	6815	7	24 33 4.6	390	535	12.7	+ 4	- 35	8.8	
3043	31 1275	L 2571			15 59.40	8753	13	31 3 22.8	397	563	13.1	+ 21	- 31	9.0	K
3044	25 1232	C 3160	341		16 6.41	6955	7	25 2 54.8	407	537	12.6	- 3	- 8	8.61	G 5
3045	20 1211	C 3162	340		16 18.14	8423	12	30 0 22.8	425	559	10.5	+ 2	- 5	7.06	A 0
3046	31 1278	L 2577		12080	6 16 39.88	+3.8730	-.0014	30 59 19.7	- 1.455	-.563	10.5	- 2	- 37	7.8	F 0
3047	30 1213	L 2578			16 44.63	8592	12	30 33 1.5	464	561	13.3	- 16	- 30	9.0	
3048	25 1236	C 3170	364		16 45.05	7119	09	25 37 43.1	464	540	12.8	+ 18	- 14	8.6	B 9
3049	28 1094	C 3167			16 45.29	8100	12	28 57 18.7	464	554	11.1	+ 2	- 1	7.7	
3050	25 1237	C 3171	368		16 45.36	6976	8	25 7 33.4	464	538	12.7	+ 3	- 19	9.8	K 0

3010. Number of observations 6.
3020, 3022, 3026, 3032, 3033. Number of observations 4.

3012. Burnham 3291.

3013. Σ 889.
3026, 3029. Burnham 3303.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	s	° ' "	"	"					
3051	28 1095	C 3168	362		6 16 46.48	+3.7861	-0.0012	28 9 58.9	-1.468	-550	13.7	+ 36	+ 30	9.0	A 0
3052	26 1200	C 3172		12102	16 48.74	7455	10	26 47 29.6	470	544	13.8	+ 28	- 34	9.4	
3053	26 1201	C 3173	367	12103	16 49.15	7432	10	26 42 42.5	470	544	13.5	- 11	- 29	8.4	A 0
3054	29 1200	C 3174	370		17 2.75	8412	14	29 58 30.3	490	558	13.3	+ 3	- 19	8.7	
3055	28 1097	C 3176	375	12111	17 7.56	7820	12	28 1 49.9	497	549	12.5	- 18	+ 6	7.71	K 2
3056	27 1088	C 3177			6 17 9.92	+3.7668	-0.0008	27 31 12.4	-1.500	-547	13.6	- 75	+ 26	9.4	
3057	28 1099	C 3178	379		17 18.15	8011	13	28 39 56.5	512	552	12.6	- 13	- 27	7.7	A 0
3058	27 1089	C 3179		12119	17 21.41	7659	11	27 29 18.9	516	547	13.6	+ 13	- 6	8.5	A 3
3059	26 1204	C 3181	384		17 24.46	7237	10	26 2 33.3	520	541	13.5	- 43	- 15	8.1	A 3
3060	27 1090	C 3180	382	12125	17 26.25	7743	12	27 46 32.9	523	548	13.7	- 5	+ 1	7.8	A 0
3061	27 1091	C 3182		12127	6 17 31.44	+3.7583	-0.0012	27 14 2.6	-1.531	-546	12.6	+ 11	- 17	8.2	B 9
3062	28 1100	C 3183			17 35.55	7997	14	28 37 19.0	538	552	13.6	+ 27	- 17	8.4	A 0
3063	24 1237	B 2338			17 37.92	6820	9	24 34 53.5	541	535	13.4	+ 11	- 17	8.6	
3064	30 1216	C 3185			17 38.93	8435	15	30 3 14.7	542	559	13.6	- 19	- 4	9.0	
3065	28 1101	C 3186	387		17 40.62	8050	14	28 48 2.9	545	553	12.1	+ 14	- 27	8.4	B 8
3066	24 1239	B 2340	393		6 17 45.90	+3.6706	-0.0008	24 10 27.5	-1.552	-534	14.2	+ 4	- 23	9.4	
3067	29 1208	C 3189			17 50.51	8122	14	29 2 14.3	560	554	13.8	- 9	- 65	9.1	A 2
3068	27 1092	C 3192		12145	17 52.21	7562	12	27 9 48.0	561	546	12.7	- 33	+ 7	7.8	A 0
3069	29 1209	C 3191			17 53.23	8349	15	29 46 49.8	563	557	14.3	- 45	+ 4	9.4	
3070	31 1283	L 2584			17 58.09	8991	18	31 48 58.2	570	566	13.2	+ 7	- 64	8.6	F
3071	24 1241	B 2343	398		6 17 58.48	+3.6680	-0.0009	24 5 4.1	-1.570	-533	14.2	+ 12	- 2	9.5	A 2
3072	26 1205	C 3193	396		17 59.31	7462	12	26 49 31.9	571	544	13.2	+ 18	+ 26	8.8	F 2
3073	29 1210	C 3194			18 9.18	8116	14	29 1 15.1	586	553	13.0	+ 9	+ 2	9.1	G 0
3074	26 1206	C 3195	407	12157	18 14.05	7263	12	26 8 32.3	593	544	12.1	+ 26	+ 7	8.7	B 8
3075	25 1249	C 3196	411	12162	18 19.17	7021	10	25 17 48.6	600	537	11.7	- 30	- 35	8.8	A 5
3076	30 1218	L 2587	409		6 18 26.18	+3.8573	-0.0016	30 30 13.4	-1.611	-561	10.5	+ 18	- 6	8.2	
3077	25 1251	C 3197	415	12167-8	18 30.35	7068	10	25 27 48.8	616	538	11.7	+ 23	- 6	8.5	B
3078	24 1251	C 3201		12189	19 0.78	6881	11	24 48 29.0	661	535	12.8	- 3	- 25	8.86	A 0
3079	31 1287	L 2590	422		19 1.40	9008	19	31 52 41.1	661	566	14.1	- 2	- 23	9.4	
3080	30 1219	C 3200			19 2.27	8441	18	30 5 15.4	663	559	12.3	- 8	- 9	8.7	
3081	29 1213	C 3202	426	12177	6 19 7.80	+3.8338	-0.0017	29 45 19.9	-1.672	-556	10.3	+ 2	- 26	6.52	B 9
3082	25 1255	C 3204	437-8	12197-9	19 11.12	6962	11	25 5 47.9	676	536	10.5	+ 6*	- 17*	6.56	K 0
3083	30 1220	L 2593			19 11.08	8611	17	30 37 56.1	676	560	12.7	+ 13	+ 6	8.8	
3084	28 1109	C 3205	439-40	12196	19 18.99	7830	15	28 4 50.6	688	548	11.8	- 2	- 16	7.7	A 0
3085	28 1110	C 3208	441		19 23.40	7991	16	28 37 3.9	693	551	12.9	- 6	+ 7	8.6	A 0
3086	24 1255	B 2358	447	12190	6 19 30.05	+3.6751	-0.0011	24 21 3.8	-1.704	-533	10.7	+ 14	- 19	8.0	F 8
3087	26 1215	C 3215	450		19 41.23	7248	14	26 6 8.8	720	543	12.9	+ 13	+ 18	9.4	
3088	29 1217	C 3212			19 42.44	8295	18	29 37 17.2	721	555	12.0	+ 18	- 63	9.1	
3089	31 1292	L 2597	449		19 54.26	9032	21	31 57 43.8	738	566	11.9	+ 5	- 27	9.1	
3090	30 1224	L 2600			20 12.85	8520	20	30 21 5.3	766	559	11.1	+ 10	+ 15	8.6	
3091	27 1102	C 3217	470		6 20 31.37	+3.7526	-0.0016	27 4 0.6	-1.791	-544	11.5	+ 16	+ 15	9.1	
3092	25 1271	C 3220			20 32.54	7111	14	25 37 45.3	795	539	12.9	-	-	9.1	
3093	25 1272	C 3221	475	12237	20 33.18	7091	14	25 33 44.5	795	538	10.7	- 16	- 33	8.6	A 2
3094	29 1221	C 3219	469		20 35.65	8311	19	29 40 55.2	799	556	11.2	- 1	- 19	8.8	A 0
3095	25 1273	C 3223			20 39.12	7117	14	25 39 5.5	804	539	12.9	- 19	+ 25	9.1	
3096	25 1274	C 3224	478	12240	6 20 40.77	+3.7106	-0.0014	25 36 50.6	-1.807	-539	10.7	+ 43	- 42	8.6	
3097	24 1263	C 3225			20 45.62	6865	13	24 46 2.5	814	535	13.0	+ 4	- 28	9.1	F 0
3098	26 1222	C 3226			20 47.80	7271	14	26 11 24.1	817	541	13.6	- 27	+ 24	9.1	
3099	31 1296	L 2605	483		21 11.09	8756	23	31 6 43.1	850	562	12.5	+ 5	- 21	9.0	
3100	24 1264	C 3228			21 18.46	6875	14	24 48 23.2	860	534	13.5	- 9	- 25	9.5	A

3053. Σ 897.
3082. Number of observations 8.

3065. Burnham 3331. Number of observations 4.

3079. Burnham 3348.
3090, 3093, 3096, 3097. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 0.001.		
3101	25 1275	C 3229			h m s	s	s	° ' "	"	"	13.1	+ 1	- 18	8.8	
3102	27 1109	C 3230			6 21 19.64	+3.6936	-0014	25 1 24.7	- 1.863	-536	13.1	+ 1	- 18	8.8	
3103	25 1276	C 3232			21 26.74	7606	17	27 20 39.9	873	545	13.3	- 6	+ 3	9.4	
3104	29 1226	C 3231		12264	21 27.99	6930	14	25 0 7.2	875	536	13.2	- 2	- 3	9.01	A 2
3105	28 1120	C 3233			21 30.29	8223	20	29 24 5.0	878	555	12.4	+ 16	- 56	8.8	A 5
					21 32.17	7851	19	28 10 19.2	881	549	13.2	- 5	- 21	9.0	
3106	29 1228	C 3240		12273	6 21 45.80	+3.8312	-0021	29 41 45.2	- 1.901	-556	10.4	+ 5	- 24	8.0	G 5
3107	30 1232	L 2611			21 52.66	8624	22	30 41 58.5	911	560	9.3	- 13	- 18	6.89	K 0
3108	26 1233	C 3242			21 54.44	7211	16	25 59 36.2	913	540	13.1	+ 5	- 19	9.4	
3109	24 1270	B ₂₃₉₂₋₃			21 58.72	6812	15	24 35 14.8	920	533	14.1	+ 23	- 24	9.0	A 0
3110	24 1270				21 58.83	6812	15	24 35 14.9	920	533	13.0	+ 23	- 24		
3111	24 1270	C 3247	527	12294-5	6 21 58.94	+3.6812	-0015	24 35 14.9	- 1.920	-533	14.1	+ 23	- 24	7.6	K 5
3112	29 1231	C 3248	528		22 19.20	8188	21	29 17 49.0	950	553	10.3	+ 1	- 23		
3113	28 1125	L 2620			22 22.17	7997	21	28 39 57.8	953	550	12.7	+ 17	+ 6	8.8	A 0
3114	30 1235	B 2400			22 23.11	8552	26	30 28 31.3	955	559	11.9	+ 18	+ 12	8.6	
3115	24 1274				22 33.67	6790	16	24 30 52.9	971	533	12.5	+ 3	- 39	9.4	
3116	31 1301	L 2623			6 22 34.37	+3.8818	-0025	31 19 15.7	- 1.971	-562	14.1	+ 5	- 66	9.4	A 0
3117	24 1276	B 2404			22 45.54	6852	16	24 44 14.9	988	534	11.6	- 12	+ 2	8.4	
3118	30 1238	L 2627	536	12308	22 47.01	8574	24	30 32 57.8	990	559	10.0	- 5*	- 23*	var.	G 0
3119	27 1117	C 3255	543	12319	22 52.78	7704	21	27 41 30.5	998	546	10.7	+ 16	- 49	7.7	K 2
3120	30 1240	L 2628			22 57.36	8508	24	30 20 31.8	2.005	557	11.9	0	- 44	8.6	
3121	29 1235	C 3257			6 22 57.67	+3.8348	-0023	29 49 36.3	- 2.006	-555	12.7	- 18	+ 9	9.4	
3122	25 1283	C 3259	550		23 4.78	7141	18	25 45 35.3	016	538	13.6	+ 17	+ 1	9.0	
3123	25 1286	C 3261			23 9.79	6974	17	25 10 25.6	023	536	13.8	- 38	- 101	9.0	
3124	25 1287	C 3262	554	12336-7	23 11.06	7117	18	25 40 40.1	024	538	13.2	- 6	- 3	8.0	A 0
3125	27 1122	C 3263	558-9	12338	23 18.35	7507	20	27 1 34.5	035	543	12.1	+ 59	- 84	6.49	F 5
3126	27 1124	C 3265	568	12348	6 23 29.53	+3.7521	-0021	27 4 34.8	- 2.052	-543	13.24	- 146	- 432	8.8	
3127	27 1125	C 3266			23 33.08	7712	22	27 43 32.2	056	546	13.3	+ 25	0	9.4	
3128	25 1289	C 3269	574		23 38.50	6955	18	25 6 33.9	064	535	12.6	+ 11	- 6	8.8	
3129	29 1241	C 3268	570	12349	23 39.72	8257	24	29 32 19.8	066	554	12.5	+ 15	- 22	8.0	A 2
3130	25 1292	C 3270		12357	23 47.41	7029	18	25 22 29.9	077	537	11.0	- 12	- 24	8.4	G 5
3131	28 1133	C 3271	577		6 23 57.23	+3.8044	-0024	28 50 21.8	- 2.091	-550	11.6	+ 1	- 4	8.0	A 0
3132	27 1128	C 3274			24 4.96	7674	22	27 36 11.3	103	545	13.5	- 28	- 2	9.4	
3133	27 1129	C 3273		12367	24 5.09	7698	22	27 41 4.5	103	546	12.9	+ 6	- 10	8.7	A 2
3134	24 1281	B 2416			24 9.92	6796	18	24 33 1.2	110	532	14.6	+ 7	- 7	9.4	A 2
3135	25 1297	C 3277			24 16.71	7061	18	25 29 28.9	120	536	13.2	+ 13	- 18	9.4	
3136	29 1244	C 3278			6 24 21.99	+3.8273	-0026	29 35 46.4	- 2.127	-554	13.5	- 26	- 16	9.5	
3137	31 1308	L 2641			24 24.35	8982	30	31 51 24.5	130	564	13.2	+ 11	- 19	9.0	
3138	31 1309	L 2642			24 27.06	8879	29	31 31 59.4	135	563	12.9	+ 103	- 65	8.6	
3139	30 1245	L 2643			24 30.44	8554	27	30 30 26.9	139	558	13.6	+ 38	- 13	8.5	
3140	27 1130	C 3280	596-8		24 32.17	7498	22	27 0 34.5	142	543	12.3	- 16	- 19	9.1	F 0
3141	28 1138	C 3281	601	12380	6 24 41.28	+3.7871	-0024	28 16 20.6	- 2.155	-548	10.3	+ 4	+ 13	6.85	A 2
3142	31 1312	L 2645		12378	24 46.90	9005	30	31 56 0.1	164	565	10.9	- 6	+ 8	8.1	
3143	25 1299	C 3284	608		24 48.16	6979	19	25 12 25.1	165	536	12.3	- 28	- 13	8.8	A 3
3144	30 1247	L 2647			24 51.59	8636	28	30 46 24.8	171	559	12.8	+ 17	- 90	9.1	
3145	25 1301	C 3287		12395	24 57.05	7131	20	25 44 36.5	178	538	13.6	+ 13	- 3	9.4	A
3146	29 1248	C 3286		12389	6 25 0.64	+3.8361	-0027	29 53 23.9	- 2.184	-554	11.8	- 16	- 63	8.06	F 0
3147	25 1302	C 3288	619	12399	25 5.54	7188	21	25 56 43.0	191	539	12.3	- 7	- 11	8.6	K 0
3148	26 1254	C 3289			25 14.49	7407	22	26 42 18.3	203	541	10.1	+ 1	+ 12	8.0	K 0
3149	31 1315	L 2652			25 15.75	8745	29	31 7 26.2	205	561	13.3	- 10	- 24	9.4	
3150	24 1294	B 2424			25 20.12	6763	19	24 26 45.9	211	532	12.2	+ 10	- 50	8.8	F 5

3109-3111. Burnham 3374.
3114. Σ 907.

3109, 3111. Number of observations 2.
3116. Burnham 3384.
3139. Burnham 3399.

3110. Number of observations 1.
3145. Burnham 3404.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.	
												R.A. 8.0001.	Dec. 0.001.			
	°				h m s	s	s	° ' "	"	"		+	-			
3151	25 1304	C 3292	631		6 25 22.29	+3.7056	-0.0020	25 29 11.7	- 2.214	-536	13.8	+	15	+	2	9.4
3152	31 1318	L 2656			25 37.93	8913	31	31 39 14.4	237	563	11.3	+	19	-	22	8.8
3153	31 1319	L 2660			25 55.33	8796	32	31 17 34.3	262	561	12.5	+	24	-	29	9.0
3154	31 1320	L 2661			25 55.81	8885	32	31 34 22.3	264	563	12.9	+	39	-	41	9.4
3155	29 1253	C 3294			26 1.29	8180	28	29 18 48.9	271	551	13.5	+	1	-	23	9.4
3156	28 1142	C 3295	648-9	12436	6 26 1.54	+3.7918	-0.0027	28 26 43.6	- 2.271	-549	9.5	-	8	-	10	8.0
3157	30 1253	L 2663	650		26 7.56	8560	29	30 32 33.6	281	558	12.7	+	4	-	32	9.0
3158	29 1255	C 3296			26 10.61	8213	28	29 25 24.5	285	552	14.0	+	1	-	15	9.1
3159	25 1309	C 3298			26 11.69	6909	21	24 58 33.4	287	533	14.1	+	5	-	25	9.4
3160	25 1308	C 3297			26 11.75	6929	21	25 . 2 43.2	287	533	13.5	+	21	-	28	9.4
3161	26 1259	C 3299			6 26 23.31	+3.7464	-0.0025	26 54 52.5	- 2.303	-542	13.5	-	13	+	1	9.4
3162	29 1258	C 3300			26 38.46	8218	29	29 26 41.1	324	551	10.0	+	14	-	27	8.8
3163	26 1261	C 3302	668-9		26 39.92	7271	23	26 14 57.1	327	539	9.9	+	7	-	29	8.2
3164	31 1325	L 2673			26 44.65	8824	33	31 23 22.6	334	561	11.3	+	31	-	1	9.4
3165	28 1152	C 3304			27 14.57	7900	29	28 23 57.7	378	548	11.1	-	9	0		9.1
3166	25 1314	C 3308			6 27 17.31	+3.7172	-0.0024	25 54 47.4	- 2.381	-537	10.0	-	14	+	27	8.0
3167	30 1256	L 2678		12474	27 18.18	8507	32	30 23 28.5	382	558	10.5	-	20	-	28	8.0
3168	29 1263	C 3307	684		27 19.64	8224	30	29 28 20.9	385	551	10.9	-	50	-	10	8.2
3169	27 1141	C 3309	688	12486	27 22.43	7748	27	27 53 30.0	388	546	9.6	0	-	11	7.72	K 5
3170	28 1154	C 3311	692	12483	27 24.83	7824	29	28 8 58.4	392	547	10.3	-	37	-	39	7.6
3171	25 1317	C 3315	702		6 27 37.03	+3.7010	-0.0024	25 20 48.4	- 2.410	-534	11.5	-	28	-	16	8.4
3172	25 1318	C 3317	704		27 38.07	7011	23	25 21 8.5	411	534	11.5	+	1	-	19	9.0
3173	28 1156	C 3314	700	12496	27 39.06	7824	29	28 9 8.3	413	547	11.7	+	7	+	20	8.5
3174	27 1144	C 3316			27 39.45	7585	27	27 20 33.1	413	543	12.1	-	16	+	15	9.0
3175	29 1264	C 3318		12532	27 46.76	8304	31	29 44 22.0	424	553	10.9	+	22	-	15	8.2
3176	24 1303	B 2443			6 27 48.57	+3.6661	-0.0023	24 6 29.7	- 2.427	-529	12.4	+	14	-	34	9.0
3177	26 1267	C 3319			27 49.23	7392	26	26 40 55.1	427	540	12.5	-	6	-	8	8.7
3178	28 1160	C 3320	710	12510	28 1.41	7792	29	28 2 50.8	444	546	12.0	+	9	-	16	7.8
3179	28 1163	C 3322			28 12.80	8057	30	28 55 59.3	462	550	13.4	+	19	+	13	8.7
3180	31 1333	L 2690			28 17.71	8769	35	31 14 19.9	469	560	13.8	-	29	-	5	9.4
3181	31 1334	L 2691			6 28 19.81	+3.8714	-0.0035	31 3 46.5	- 2.472	-559	14.0	+	12	-	25	9.1
3182	27 1148	C 3326	720	12522	28 20.42	7515	28	27 6 47.2	472	541	11.5	+	15	-	21	8.0
3183	26 1272	C 3329	723		28 26.70	7439	28	26 51 5.7	482	541	13.5	0	-	46	9.1	K 0
3184	27 1150	C 3330			28 28.92	7762	29	27 57 8.4	485	546	13.5	+	7	+	23	9.4
3185	31 1337	L 2693	721		28 31.02	8719	35	31 44 59.1	488	559	13.2	-	13	-	104	9.4
3186	31 1338	L 2696	726-7	12527	6 28 43.74	+3.8699	-0.0035	31 1 26.2	- 2.507	-559	11.7	+	29	-	25	8.5
3187	29 1272	C 3334	730	12563	28 49.58	8224	33	29 29 1.1	515	552	12.9	+	1	-	10	9.1
3188	28 1166	C 3335			28 54.02	8045	31	28 54 8.7	521	550	13.2	+	76	-	131	9.4
3189	29 1274	C 3337	738		28 58.52	8207	33	29 26 23.6	528	552	12.9	+	20	-	8	9.0
3190	30 1265	L 2698			29 2.96	8481	33	30 19 50.2	534	555	13.4	+	41	+	12	9.4
3191	27 1153	C 3338			6 29 8.38	+3.7513	-0.0029	27 6 57.3	- 2.541	-540	14.1	+	5	+	15	9.1
3192	31 1342	L 2701	740-1	12538	29 12.53	8850	37	31 30 18.0	549	561	10.6	-	3	-	11	7.11
3193	25 1326	C 3340	760	12554	29 29.35	6903	26	24 59 29.7	572	532	10.7	-	15	-	23	7.96
3194	31 1345	L 2704	749-50		29 29.51	8837	38	31 28 3.5	573	560	12.6	-	32	-	87	8.7
3195	24 1317	C 3342		12557	29 31.60	6822	25	24 42 19.3	576	531	12.8	-	1	-	11	8.7
3196	28 1168	C 3339	756-7	12553	6 29 31.99	+3.7800	-0.0030	28 5 35.8	- 2.576	-545	10.7, 11.1	-	4*	-	23*	5.05
3197	31 1346	L 2705			29 33.95	8974	39	31 53 59.5	579	562	12.5	+	15	-	24	8.7
3198	28 1170	C 3341	758		29 34.43	7925	32	28 30 48.3	579	547	11.4	+	1	-	3	8.5
3199	24 1318	B 2465	765		29 35.64	6641	24	24 3 12.0	582	528	12.7	-	61	-	38	9.1
3200	27 1157	C 3343	764		29 43.39	7660	31	27 37 20.3	591	543	12.7	-	3	+	10	9.4

3156. Burnham 3420.
3180. Burnham 3448.

3162, 3164. Number of observations 4.
3190, 3192. Number of observations 6.

3171, 3172. Burnham 3441.
3196. Number of observations 9 and 10.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Decr. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 1900.1.	Decr. 1900.1.		
3201	30 1270	L 2709	762		h m s	s	s	° ' "	"	"	10.9	+ 23	- 8	8.8	A
3202	28 1173	C 3344	771	12573	6 29 47.94	+3.8527	-0.0036	30 29 13.8	- 2.599	-555	11.5	- 1	+ 11	8.0	B 9
3203	27 1159	C 3346			29 59.66	7870	33	28 20 9.5	617	547	12.8	- 16	- 24	9.1	
3204	31 1351	L 2713	772-3	12572	30 3.19	7697	32	27 45 17.4	621	544	9.9	+ 1	- 47	7.22	K 2
3205	27 1162	C 3348			30 9.84	8860	39	31 33 6.4	631	561	13.1			9.8	
3206	31 1352	L 2714			30 14.67	7695	32	27 45 1.8	638	544					
3207	30 1273	L 2715			6 30 15.50	+3.8961	-0.0040	31 52 14.5	- 2.640	-562	12.2	+ 15	- 41	9.1	
3208	26 1286	C 3350	791		30 16.52	8590	37	30 41 47.2	641	556	13.1	- 10	- 14	9.4	
3209	29 1282	C 3351	790		30 29.40	7413	31	26 47 20.4	658	539	12.7	+ 22	- 108	9.4	F 8
3210	30 1275	L 2718	787	12619	30 36.09	8311	37	29 48 5.4	669	552	11.7	+ 32	- 46	8.61	A
3211	26 1292	C 3353	796		30 36.55	8427	36	30 10 44.0	670	554	11.3	+ 9	- 9	8.5	F 5
3212	31 1354	L 2721	793-4	12594	6 30 40.94	+3.7285	-0.0030	26 21 0.2	- 2.676	-538	13.0	- 7	- 20	9.4	
3213	27 1164	C 3355	799		30 44.48	820	40	31 25 56.9	680	560	10.0	+ 5	+ 14	7.8	A 2
3214	24 1321	B 2472	809		30 48.16	7576	32	27 21 15.1	686	542	9.7	+ 3	- 81	6.89	G 0
3215	31 1356	L 2723			31 5.24	6760	27	24 30 12.6	711	529	13.3	- 5	- 39	9.4	A 2
3216	30 1276	L 2724			31 7.85	8679	39	30 59 36.3	715	557	12.7	- 10	- 6	8.1	A 3
3217	24 1322	B 2474			6 31 8.35	+3.8598	-0.0038	30 44 11.8	- 2.715	-556	14.1	- 19	+ 2	9.4	
3218	27 1169	C 3361	815		31 10.28	6689	26	24 14 58.1	718	528	13.9	+ 22	- 10	9.0	A 0
3219	31 1358	L 2727	813-4		31 21.02	7706	34	27 48 14.2	734	543	13.2	- 2	- 2	8.7	F 2
3220	29 1284	C 3364			31 30.99	8929	42	31 47 9.3	748	561	11.2	- 5	- 31	7.8	K 0
3221	24 1326	B 2478	826		31 35.65	8350	38	29 56 40.0	755	553	13.1	- 12	+ 5	9.4	
3222	28 1184	C 3367			6 31 37.02	+3.6750	-0.0028	24 28 26.9	- 2.757	-529	12.3	+ 17	- 40	9.0	F 5
3223	29 1286	C 3365	823-4		31 41.80	7778	35	28 3 5.0	764	544	13.6	- 21	+ 15	9.1	G 5
3224	30 1278	C 3369			31 42.23	8064	36	29 0 24.1	764	549	14.0	+ 10	- 16	9.4	
3225	25 1342	C 3370			31 48.49	8362	38	29 59 7.1	773	553	13.1	+ 17	- 3	9.1	
3226	24 1328	C 3372	838-40	12646-7	31 48.86	6979	30	25 17 35.2	774	534	13.4	+ 34	- 13	9.4	
3227	29 1289	C 3371			6 31 56.21	+3.6803	-0.0028	24 39 59.1	- 2.784	-530	10.7	- 7	- 19	6.44	A 2
3228	31 1363	L 2735	844-5	12648	31 58.89	8225	38	29 32 33.6	788	551	11.6	- 15	+ 23	9.0	
3229	30 1281	L 2737			32 17.07	8665	40	30 57 59.4	814	556	11.5	- 12	+ 10	7.23	A 2
3230	24 1331	C 3379	859-60	12666	32 29.92	8581	41	30 42 7.1	833	556	11.7	+ 24	- 30	9.0	
3231	29 1292	C 3377	851-2		32 30.73	6869	30	24 54 41.7	835	531	12.3	+ 16	- 22	8.91	A 2
3232	31 1364	L 2739			6 32 31.22	+3.8310	-0.0040	29 49 43.9	- 2.835	-552	14.1	+ 8	- 10	9.4	
3233	31 1365	L 2741			32 33.85	8767	43	31 17 42.1	839	558	12.1	- 6	- 24	8.1	G 0
3234	29 1293	C 3381	856-7-8	12661-2	32 39.13	8803	43	31 24 33.2	846	559	13.3	+ 8	- 25	9.0	
3235	30 1284	L 2742			32 40.58	8076	38	29 3 43.8	849	548	12.7	- 12*	- 25*	5.54	A 0
3236	24 1332	B 2494	872	12677	32 46.25	8627	40	30 51 18.1	856	555	13.1	+ 8	+ 11	9.4	
3237	25 1353	C 3382	869		6 32 48.14	+3.6761	-0.0029	24 31 43.9	- 2.859	-529	12.5	- 15	- 51	6.70	A 5
3238	31 1366	L 2743			32 48.48	7126	32	25 49 20.0	859	535	12.9	+ 17	- 3	8.7	F 5
3239	28 1190	C 3383	870-1		32 48.48	8848	43	31 33 13.4	859	560	12.5	+ 2	+ 31	8.8	F 8
3240	27 1181	C 3384	875		32 56.90	7981	39	28 45 2.7	872	547	12.8	+ 21	+ 8	9.4	
3241	26 1300	C 3385			32 58.55	7459	34	26 59 1.3	875	540	11.8	+ 4	- 10	8.0	A 0
3242	26 1302	C 3386			6 33 3.97	+3.7341	-0.0034	26 34 42.1	- 2.882	-537	14.0	+ 5	+ 7	8.8	A 0
3243	27 1182	C 3387	881-2	12687	33 7.18	7285	34	26 23 1.9	887	537	13.1	0	- 7	9.1	
3244	31 1369	L 2749			33 14.39	7722	37	27 53 1.1	897	543	12.4	+ 6	- 31	7.20	A 2
3245	29 1297	C 3390	886-7	12678	33 15.75	8938	45	31 50 41.4	900	560	11.8	- 18	+ 19	7.31	A 0
3246	31 1370	L 2750	883-4	12686	33 24.47	8304	41	29 49 12.4	911	551	11.9	- 9	+ 13	8.16	B 9
3247	25 1357	C 3391	890		6 33 25.35	+3.8882	-0.0044	31 40 16.7	- 2.913	-559	12.1	- 2	- 25	8.4	
3248	24 1338	B 2497	892	12700	33 26.61	7071	32	25 38 20.3	915	533	13.7	+ 27	- 21	9.5	
3249	30 1290	L 2754			33 28.06	6783	30	24 36 56.1	917	529	12.6	- 4	+ 2	9.0	A 0
3250	25 1361	C 3395	903-4	12701	33 47.75	8476	42	30 23 2.1	946	554	11.7	+ 7	- 16	8.0	A 0
					33 51.11	7062	33	25 36 53.3	950	533	12.9	- 13	+ 37	8.6	G 5

3202. Burnham 3468. Number of observations 6.
3235, 3242-3246, 3248. Number of observations 4.

3210. Burnham 3472.
3243. Burnham 3507.

3213. Burnham 3474.
3246. Burnham 3508.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.		
												R.A. "0001.	Dec. "001.				
	°				h m s	s	s	° ' "	"	"							
3251	28 1196	C 3394	897-8	12709	6 33 52.65	+3.7855	-0.0038	28 20 36.3	2.953	-545	10.7	-	8*	-	23*	5.84	B 8
3252	25 1362	C 3398			33 53.38	6931	32	25 9 6.8	953	531	11.4	+	1	-	22	8.6	
3253	26 1306	C 3397			33 53.90	7233	34	26 12 47.6	954	536	11.4	+	22	+	14	9.4	
3254	28 1198	C 3396	899		33 54.37	7885	40	28 27 0.1	954	545	11.0	+	30	-	5	8.8	
3255	25 1363	C 3399			33 57.00	6928	32	25 8 28.9	959	531	11.6	+	12	-	38	8.8	A 0
3256	24 1343	C 3402	909	12715-6	6 34 0.29	+3.6798	-0.0031	24 40 40.6	2.963	-529	10.3	+	8	+	81	6.48	F 5
3257	25 1364	C 3401	908		34 0.64	7056	33	25 35 44.8	964	533	13.1	-	13	+	8	8.8	
3258	25 1365	C 3403			34 0.94	6910	32	25 4 36.3	964	530	13.8	+	7	+	7	9.4	
3259	29 1299	C 3400			34 3.87	8174	41	29 24 24.1	969	549	13.1	+	16	+	12	9.4	
3260	29 1300	C 3404			34 18.19	8246	42	29 38 47.6	989	550	14.3	-	14	-	14	9.4	
3261	26 1308	C 3405			6 34 21.67	+3.7307	-0.0036	26 28 40.1	2.995	-537	14.0	-	4	+	12	9.4	
3262	24 1345	B 2508			34 25.54	6637	31	24 6 15.7	3.001	526	14.0	-	21	-	35	9.1	
3263	29 1302	C 3406			34 27.26	8042	41	28 58 37.6	002	547	13.1	-	17	+	8	9.1	
3264	30 1297	C 3407	918-9	12722	34 28.89	8431	43	30 15 9.6	005	553	10.6	+	7	-	27	8.2	A 2
3265	25 1372	C 3410			34 29.02	6956	33	25 14 46.2	005	531	12.6	+	18	-	53	8.6	
3266	25 1371	C 3411	.		6 34 31.25	+3.7002	-0.0034	25 24 40.3	3.008	-532	13.6	+	7	-	16	8.8	
3267	26 1309	C 3413	934		34 40.60	7263	36	26 19 47.5	022	536	14.0	+	1	-	12	9.4	
3268	28 1202	C 3415			34 44.62	7893	40	28 29 5.1	028	545	13.3	+	30	-	18	9.4	
3269	28 1203	C 3416	931		34 45.63	7975	40	28 45 33.2	029	546	11.6	-	18	-	19	8.8	
3270	31 1381	L 2761	932		34 52.27	8725	46	31 11 56.1	038	557	9.7	-	6	+	3	7.7	K 0
3271	25 1378	C 3419			6 34 54.80	+3.6929	-0.0033	25 9 34.3	3.042	-531	12.4	+	11	-	13	9.0	
3272	30 1300	L 2763	937	12745	35 6.86	8441	44	30 17 39.8	060	552	11.7	+	4	-	0	8.0	B 9
3273	31 1383	L 2764	942		35 14.87	8797	48	31 26 6.1	071	557	11.5	-	27	-	19	8.0	G 5
3274	24 1349	C 3420			35 16.22	6820	34	24 46 31.6	072	529	12.5	-	25	-	1	9.4	
3275	26 1317	C 3422	955		35 26.14	7386	38	26 46 1.8	087	539	12.3	-	4	+	9	8.2	K 2
3276	25 1382	C 3423		12766	6 35 27.02	+3.6997	-0.0035	25 24 26.4	3.088	-531	12.6	+	31	-	4	8.0	Ma
3277	29 1307	C 3424	956-7		35 34.12	8286	45	29 47 53.0	098	550	11.9	+	9	-	30	7.36	K 0
3278	24 1353	C 3428	970		35 40.57	6809	34	24 44 24.0	109	529	12.5	-	7	-	18	9.0	A 0
3279	29 1309	C 3426	960		35 40.62	8058	43	29 2 52.9	109	546	11.7	+	20	-	8	8.4	A 0
3280	28 1207	C 3427	961-2	12770	35 40.63	7828	41	28 16 49.7	109	543	12.9	+	6*	-	15*	6.54	K 0
3281	24 1354	B 2525			6 35 43.08	+3.6649	-0.0033	24 10 5.7	3.111	-527	12.5	+	14	+	6	8.6	A 0
3282	24 1357	B 2526			35 44.98	6616	33	24 2 53.7	114	526	12.0	+	143	-	280	8.0	K 2
3283	30 1303	L 2773	976-8		36 0.39	8584	47	30 46 7.4	136	554	11.7	+	4	-	1	8.0	F 5
3284	27 1193	C 3432		12785	36 1.03	7590	40	27 28 48.2	137	540	12.0	+	5	+	4	8.5	
3285	27 1194	C 3433	983	12789	36 5.49	7498	39	27 9 58.2	143	539	11.5	-	8	-	9	7.68	K 0
3286	27 1195	C 3434			6 36 7.46	+3.7602	-0.0040	27 31 21.6	3.146	-540	11.8	+	27	+	25	8.6	A 0
3287	26 1322	C 3435			36 17.80	7274	38	26 23 36.4	162	536	11.9	-	39	-	0	9.4	
3288	31 1388	L 2774	984		36 19.38	8825	50	31 32 25.0	163	558	12.1	-	8	-	42	8.1	N
3289	27 1197	C 3436			36 24.72	7519	40	27 14 29.8	170	539	11.5	+	40	+	31	9.4	
3290	28 1211	C 3438	991-2-3		36 31.51	7997	44	28 51 31.0	182	545	13.1	-	14	-	81	9.4	
3291	25 1392	C 3440	1006-7	12816	6 36 38.86	+3.7033	-0.0037	25 33 17.0	3.192	-532	11.3	-	2	-	46	7.8	Ma
3292	29 1317	C 3439			36 39.47	8252	45	29 42 18.2	192	549	13.0	+	45	-	26	9.4	
3293	31 1389	L 2776			36 43.14	8936	51	31 53 47.6	198	559	12.3	+	5	-	34	8.2	B 9
3294	25 1393	C 3442	1013-4	12820	36 45.05	7003	37	25 26 58.4	201	532	12.5	-	7	-	9	9.0	G 0
3295	29 1319	C 3441	1005	12809	36 47.31	8194	45	29 31 4.3	204	548	11.5	+	52	-	36	8.7	
3296	29 1320	C 3443	1009-10	12812	6 36 49.42	+3.8177	-0.0045	29 27 42.3	3.206	-548	10.9	+	26	-	9	7.46	B 9
3297	24 1365	C 3445			36 54.03	6829	36	24 49 52.6	214	528	13.5	-	4	-	17	9.4	
3298	27 1199	C 3444			36 56.02	7598	42	27 31 19.0	217	539	13.3	+	16	+	5	9.1	
3299	30 1305	L 2782			37 5.13	8485	48	30 28 8.0	229	552	11.1	+	16	-	39	8.2	
3300	30 1306	C 3447			37 9.72	8362	47	30 4 27.4	237	550	11.9	-	1	-	27	8.7	

3251. This star forms the close double OΣ 152, components 6.0 and 7.8. Number of observations 7. 3252-3255, 3264, 3266-3269, 3271, 3293. Number of observations 4.
 3263. Number of observations 3. 3276. Number of observations 6. 3280. Burnham 3532. 3283. Burnham 3554. 3291. Burnham 3550.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
3301	26 1332	C 3449			h m s	s	s	o ' "	"	"	12.9	- 31	+ 18	9.4	A 0
3302	30 1307	L 2784			6 37 16.21	+3.7302	-0040	26 30 24.2	- 3.245	-535	12.0	+ 11	- 1	9.0	
3303	24 1369	B 2541			37 20.80	8478	48	30 27 7.8	252	552	12.1	+ 13	+ 6	9.0	A 2
3304	27 1204	C 3450	1036-8-9	12851	37 30.78	6657	35	24 13 27.2	267	526	12.1	+ 15	- 31	8.7	G 0
3305	31 1391	L 2786			37 37.84	7451	42	27 1 44.2	277	537	12.6	+ 13	- 20	8.7	A
					37 41.99	8662	50	31 3 0.6	283	556					
3306	31 1392	L 2787		12841-2	6 37 43.59	+3.8792	-0051	31 27 43.7	- 3.286	-556	11.1	+ 5	- 23	7.8	A 0
3307	25 1397	C 3452	1046		37 49.34	7111	40	25 50 54.1	293	533	12.3	+ 22	- 11	8.6	
3308	31 1393	L 2788		12847-8	37 51.20	8816	53	31 32 21.5	296	557	10.4	+ 9	+ 24	7.8	
3309	28 1217	C 3453		12859	37 57.38	7879	46	28 29 29.3	304	543	12.1	+ 62	- 35	8.4	G 5
3310	30 1311	L 2789	1045		37 59.21	8604	50	30 52 13.6	307	554	12.7	- 26	- 9	9.4	A
3311	30 1312	L 2793	1053-4		6 38 17.97	+3.8622	-0051	30 56 1.4	- 3.334	-554	13.1	- 7	- 23	9.1	A 5
3312	25 1405	C 3459	1068		38 20.56	7013	39	25 30 30.3	339	531	13.7	+ 4	- 12	9.4	
3313	25 1406	C 3460		12880-2	38 23.71	6931	38	25 13 15.5	343	529	11.8	0*	- 20*	3.18	G 5
3314	25 1407	C 3462			38 31.79	6930	38	25 13 7.4	355	529	12.0	- 45	+ 49	9.4	
3315	27 1212	C 3461	1070-1	12884	38 33.81	7604	44	27 34 12.4	357	539	11.7	+ 13	- 11	8.2	B 9
3316	30 1313	L 2794			6 38 35.25	+3.8517	-0051	30 36 1.5	- 3.359	-552	12.9	+ 24	+ 24	8.7	A 2
3317	24 1375	B 2553			38 37.37	6768	37	24 38 20.2	362	528	13.1	- 6	- 44	8.6	A 2
3318	28 1219	C 3463	1072		38 39.83	7866	47	28 27 25.7	366	542	13.2	+ 7	- 39	9.4	
3319	31 1398	L 2795			38 43.13	8780	53	31 26 39.0	370	556	13.5	+ 4	- 24	9.4	
3320	25 1408	C 3464	1078		38 46.33	7049	39	25 38 38.3	375	532	13.7	- 40	- 2	9.4	
3321	30 1314	L 2797	1073		6 38 48.20	+3.8508	-0051	30 34 34.9	- 3.378	-552	10.3	- 23	- 21	8.2	B 9
3322	29 1327	C 3465	1085-6	12897	39 3.25	8044	47	29 3 45.7	399	545	12.0	- 3*	- 29*	5.54	K 0
3323	24 1381	B 2558			39 4.58	6640	37	24 11 5.3	402	525	12.8	- 6	- 8	9.1	
3324	26 1342	C 3466	1088		39 8.15	7211	42	26 13 18.6	406	533	13.6	+ 23	- 41	9.4	
3325	30 1316	C 3467			39 16.59	8385	51	30 11 13.1	419	550	13.9	+ 8	- 24	9.4	
3326	30 1318	L 2799	1090-1-2	12901-2	6 39 22.81	+3.8611	-0053	30 55 5.4	- 3.428	-553	11.3	- 5	- 35	7.13	A 0
3327	30 1319	L 2800			39 23.62	8546	52	30 42 36.6	429	552	13.3	- 1	- 1	9.1	
3328	31 1402	L 2801	1097-8		39 30.09	8745	54	31 20 55.3	438	555	11.5	+ 16	- 21	8.4	
3329	28 1222	C 3470			39 41.90	7790	48	28 13 18.1	455	541	13.1	+ 5	- 39	9.4	
3330	29 1332	C 3471	1106-7		39 44.01	8161	50	29 27 38.6	458	546	11.1	- 37	- 62	8.6	G 0
3331	30 1320	L 2803			6 39 45.67	+3.8410	-0052	30 16 39.4	- 3.461	-550	13.2	+ 9	- 10	9.1	A 0
3332	24 1386	C 3474		12941	39 52.51	6797	39	24 45 54.9	471	527	12.2	+ 14	- 22	7.16	K 2
3333	29 1334	C 3473			39 54.11	8213	51	29 38 15.0	472	547	12.3	+ 16	- 6	8.8	
3334	27 1219	C 3475	1117-8	12939	39 56.40	7654	47	27 45 58.7	476	539	11.3	- 8	- 9	6.76	K 0
3335	26 1345	C 3476	1123-4	12943	39 57.91	7244	43	26 20 56.9	478	534	12.2	- 6	+ 3	8.6	A 0
3336	24 1388	B 2573			6 40 1.48	+3.6765	-0039	24 39 9.3	- 3.482	-527	13.8	- 2	- 19	9.4	
3337	29 1336	C 3477	1121-2		40 2.27	8144	50	29 24 39.5	484	546	12.8	+ 9	- 36	8.4	A 0
3338	30 1322	L 2805			40 3.19	8490	53	30 32 31.1	485	551	13.8	- 9	- 23	9.4	
3339	24 1390	B 2575			40 7.62	6645	38	24 13 14.1	492	525	13.7	- 19	- 48	8.2	A 3
3340	31 1404	L 2807	1119	12937	40 9.23	8926	57	31 55 55.1	494	558	13.7	+ 32	- 15	8.7	
3341	26 1346	C 3478	1129-30		6 40 10.24	+3.7396	-0044	26 53 1.9	- 3.495	-536	12.7	- 27	- 49	9.0	Ma
3342	31 1406	L 2811			40 32.64	8741	56	31 21 23.3	528	555	13.3	- 25	+ 16	9.1	
3343	28 1228	C 3480	1140		40 39.26	7909	50	28 38 25.6	537	543	13.2	- 20	- 4	9.5	
3344	27 1222	C 3481	1141		40 41.46	7693	48	27 54 39.4	540	540	12.1	- 8	+ 8	8.8	A 0
3345	29 1342	C 3482	1142-3	12954	40 48.98	8299	53	29 56 7.5	551	549	10.7	- 5	- 7	8.2	
3346	31 1409	L 2814	1146-7		6 40 56.23	+3.8749	-0057	31 23 21.2	- 3.561	-554	12.5	+ 7	- 16	9.0	
3347	28 1230	C 3483	1150		40 56.41	7911	51	28 39 13.5	562	543	13.5	- 1	- 6	9.4	
3348	27 1223	C 3484	1152		40 56.89	7600	48	27 36 0.5	563	537	13.7	+ 32	- 1	9.5	
3349	29 1345	C 3486			41 9.08	8005	51	28 58 8.1	580	544	13.0	- 13	- 31	9.0	A 2
3350	30 1325	L 2815			41 9.79	8609	56	30 56 43.9	581	552	13.1	+ 17	+ 24	9.4	

3313. Burnham 3568. Number of observations 50.
3325. Burnham 3577.

3326. Σ 957.

3318. Burnham 3572.
3330. Burnham 3583.

3322. Number of observations 7.
3332. Burnham 3584.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
3351	24 1394	B 2586			6 41 19.43	+3.6646	-0040	24 14 43.4	- 3.594	-524	12.3	+ 17	- 44	8.6	
3352	24 1397	B 2589			41 29.75	6655	42	24 16 45.6	610	524	12.5	- 2	- 63	8.6	
3353	26 1350	C 3487		12990	41 31.46	7249	45	26 23 37.6	612	533	12.4	+ 3	- 14	8.7	K 2
3354	26 1351	C 3488	1173-4	12993	41 35.10	7324	46	26 39 27.8	617	534	12.8	- 7	+ 18	8.6	F 0
3355	24 1399	B 2591			41 37.67	6676	42	24 21 32.4	622	524	12.5	- 7	- 18	9.4	
3356	27 1226	C 3489			6 41 39.02	+3.7487	-0048	27 13 21.9	- 3.623	-536	12.2	- 20	- 56	8.2	K 0
3357	24 1401	C 3490			41 43.93	6835	43	24 56 0.3	630	527	13.1	- 7	+ 10	9.1	
3358	30 1331	L 2818		12989	41 44.33	8534	56	30 43 1.0	630	551	10.3	- 13	- 28	8.2	
3359	28 1234	C 3492			41 52.44	7799	51	28 17 33.2	642	540	12.2	+ 14	- 19	9.0	K 2
3360	26 1355	C 3493	1187	13004	41 52.87	7199	46	26 13 38.1	643	532	11.9	+ 14	- 34	8.6	A 0
3361	31 1413	L 2819	1179-80	12995	6 41 56.12	+3.8873	-0060	31 48 4.3	- 3.647	-555	10.7	+ 24	- 22	7.99	F 8
3362	30 1332	C 3494	1185	13000	41 59.73	8377	56	30 12 46.9	653	549	11.3	- 9	+ 2	8.01	G 5
3363	25 1433	C 3496			42 4.70	7077	45	25 48 1.6	660	530	12.5	0	- 24	9.0	
3364	31 1414	L 2821		13003	42 8.68	8665	58	31 8 41.7	666	552	10.9	0	0	7.8	A 2
3365	24 1404	B 2599	1204		42 28.99	6642	42	24 14 59.2	695	524	10.5	- 17	- 12	8.7	A 0
3366	31 1415	L 2827			6 42 32.01	+3.8725	-0060	31 20 41.8	- 3.699	-553	11.6	+ 6	- 20	8.6	
3367	26 1358	C 3503			42 32.96	7361	47	26 48 6.3	700	534	11.2	+ 26	- 30	9.0	
3368		C 3504			42 34.70	7361	47	26 48 17.7	703	534	10.9	+ 26	- 30	9.0	A 0
3369		C 3502	1201		42 34.84	8090	53	29 16 52.7	703	544	10.1	+ 4	- 55	8.2	K 5
3370	31 1416	L 2829	1206	13023	42 51.26	8730	60	31 22 1.3	726	553	10.8	+ 37	- 38	8.6	F 2
3371	24 1406	B 2604	1215		6 42 59.04	+3.6698	-0044	24 27 48.9	- 3.738	-524	10.5	+ 16	- 150	8.0	F 8
3372	30 1336	C 3507	1218		43 21.32	8373	58	30 13 43.6	769	548	10.4	+ 19	- 13	8.8	
3373	28 1244	C 3508			43 22.42	7928	54	28 45 24.5	771	541	12.2	- 12	- 23	9.4	
3374	27 1236	C 3510	1224		43 32.92	7496	52	27 17 32.4	786	535	10.4	- 23	- 26	6.58	A 2
3375	28 1246	C 3512	1226		43 36.65	7699	53	27 59 23.4	792	538	11.8	- 23	+ 18	9.0	
3376	28 1247	C 3513			6 43 38.40	+3.7893	-0055	28 38 36.6	- 3.795	-541	11.2	+ 28	- 39	8.2	G 5
3377	28 1248	C 3515	1239		44 1.03	7824	55	28 25 11.8	826	540	10.7	+ 9	- 28	8.4	K 5
3378	28 1250	C 3517	1245		44 6.59	7975	55	28 55 42.4	835	542	11.1	- 38	- 21	8.7	
3379	31 1418	L 2836	1240	13063	44 9.67	8808	64	31 38 32.2	839	554	10.7	+ 16	- 22	8.05	G 5
3380	25 1446	C 3518	1248-9	13074	44 10.19	7006	47	25 35 14.9	839	529	11.1	+ 14	- 24	7.19	K 2
3381	24 1414	C 3520			6 44 15.11	+3.6796	-0046	24 50 17.6	- 3.846	-525	12.3	- 1	- 22	9.5	
3382	29 1361	C 3519		13071	44 16.60	8191	57	29 39 7.4	849	545	12.1	+ 11	- 29	8.7	B 9
3383	27 1240	C 3521	1252		44 25.79	7437	51	27 6 22.8	862	534	11.3	+ 3	- 2	8.2	A 0
3384	24 1417	B 2619	1238		44 46.44	6634	45	24 15 41.1	891	522	10.7	- 12	- 66	8.4	F 5
3385	31 1420	L 2839	1255		44 47.10	8893	65	31 55 26.1	892	555	11.9	+ 9	- 24	8.8	A 0
3386	31 1421	L 2840		13085	6 44 49.11	+3.8759	-0063	31 30 2.5	- 3.895	-553	10.4	+ 10	- 20	8.4	
3387	25 1458	C 3533			45 12.88	6843	48	25 1 28.7	929	525	11.5	- 18	+ 44	8.76	K 0
3388	26 1370	C 3532	1276-7	13112	45 13.17	7231	49	26 24 14.5	930	531	11.3	- 9	- 9	8.0	K 0
3389	25 1459	C 3534	1279		45 13.58	6939	49	25 22 13.0	931	527	11.8	+ 2	- 14	8.8	
3390	26 1371	C 3535		13122	45 26.51	7115	50	26 0 0.8	949	529	12.1	+ 9	- 39	8.8	F 8
3391	25 1460	C 3536	1282-3	13125	6 45 26.80	+3.7079	-0050	25 52 11.9	- 3.949	-529	10.0	- 11	- 208	6.91	F 8
3392	30 1345	C 3537		13118	45 32.54	8276	61	29 57 33.1	958	546	11.1	+ 17	- 14	8.16	K 0
3393	29 1374	C 3538	1285		45 37.12	8062	59	29 15 6.1	964	542	10.7	+ 13	- 5	8.2	A 2
3394	27 1248	C 3541			45 46.06	7657	56	27 53 18.5	977	537	11.5	- 3	- 10	9.4	
3395	26 1373	C 3542	1295		45 57.29	7332	52	26 46 10.2	992	532	12.5	+ 10	- 26	9.4	
3396	25 1465	C 3544	1304		6 46 12.05	+3.6874	-0049	25 9 18.8	- 4.014	-525	12.5	- 26	- 33	9.1	
3397	24 1427	C 3545			46 12.38	6757	48	24 44 4.2	014	523	11.5	- 13	- 15	9.0	A 3
3398	26 1375	C 3547		13148-9	46 18.27	7255	52	26 30 29.5	022	530	10.5	0	- 44	8.1	A 3
3399	25 1469	C 3550	1309-10	13162	46 25.09	7045	51	25 46 10.4	032	527	11.5	+ 1	+ 38	6.62	A 2
3400	28 1260	C 3549			46 25.37	7898	59	28 43 8.0	032	540	12.7	+ 3	- 16	9.4	

3353, 3368, 3372. Number of observations 4.

3367, Number of observations 1. 3367-8. Σ 962.

3396. Burnham 3648.

No.	B.D.	A.G.C.	W.B. (2)	Lalande.	R.A. 1910.0.	Procession.	Sec. Var.	Dec. 1910.0.	Procession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 7.001.		
3401	27 1250	C 3551			6 46 27.61	+3.7577	-.0056	27 37 46.9	-4.037	-.535	13.3	+ 28	+ 28	9.4	
3402	26 1376	C 3552			46 29.80	7202	53	26 19 31.8	039	530	12.7	- 2	- 23	9.0	
3403	29 1382	C 3556		13176	46 58.23	8144	62	29 33 14.4	080	543	9.7	0	- 100	7.66	F 5
3404	30 1352	L 2856			47 9.65	8389	64	30 21 48.2	096	545	11.9	+ 11	- 19	9.0	
3405	25 1476	C 3560			47 9.74	7045	52	25 47 8.8	096	526	11.7	+ 35	+ 3	8.7	
3406	25 1478	C 3561	1331-3		6 47 13.67	+3.6847	-.0050	25 4 41.9	-4.102	-.522	12.6	- 11	- 69	8.91	G 5
3407	31 1428	L 2857	1323		47 16.15	8763	69	31 34 16.9	105	551	12.5	- 38	- 14	9.0	
3408	25 1479	C 3562	1335	13194	47 20.93	7069	52	25 52 24.8	112	526	10.5	- 30	+ 10	7.64	F 0
3409	28 1266	C 3563	1334		47 24.89	7921	61	28 49 11.1	118	539	12.3	+ 37	+ 9	8.5	
3410	28 1267	C 3564	1336		47 33.10	7938	61	28 52 40.4	129	540	12.1	+ 2	- 53	8.7	
3411	25 1482	C 3566	1344	13204	6 47 33.88	+3.6941	-.0052	25 25 18.3	-4.131	-.525	11.7	- 15	- 26	7.36	A 2
3412	28 1268	C 3565			47 36.81	7773	60	28 19 20.3	135	537	13.1	+ 7	+ 1	9.1	
3413	29 1389	C 3567	1341		47 40.98	8176	63	29 40 30.2	141	542	12.9	+ 3	- 9	8.8	
3414	30 1354	L 2859	1337	13202	47 41.73	8458	66	30 36 4.9	142	547	11.5	+ 14	- 26	8.4	A 0
3415	29 1391	C 3568	1347	13210	47 54.72	8160	63	29 37 42.5	161	542	11.1	+ 13	- 34	8.0	K 0
3416	31 1433	L 2861		13213	6 48 9.48	+3.8651	-.0069	31 13 58.3	-4.179	-.550	12.5	+ 17	- 35	7.8	G 5
3417	28 1271	C 3571			48 16.08	7820	61	28 29 54.1	191	537	11.9	- 18	- 17	8.0	F 5
3418	24 1437	C 3573			48 20.88	6784	51	24 52 28.6	198	522	13.1	- 19	- 5	9.4	
3419	24 1440	B 2653			48 25.05	6685	49	24 31 1.0	203	521	12.9	+ 13	+ 5	9.4	A 0
3420	24 1442	B 2654	1364		48 25.98	6553	48	24 2 15.3	205	519	13.3	- 14	- 48	8.8	F 8
3421	31 1434	L 2865	1357	13225	6 48 26.13	+3.8769	-.0070	31 36 55.6	-4.205	-.551	12.7	+ 4	- 32	8.6	G 5
3422	27 1256	C 3574	1362		48 29.92	7503	58	27 25 1.2	210	532	13.3	+ 57	- 39	9.1	
3423	29 1394	C 3575			48 43.44	8027	63	29 12 8.7	229	540	12.5	- 52	+ 5	8.8	
3424	29 1395	C 3577	1370		48 48.21	7984	63	29 3 39.8	236	539	12.5	+ 26	- 27	9.1	
3425	27 1258	C 3578	1371		48 49.54	7545	60	27 34 14.0	239	532	11.9	+ 12	- 30	8.6	A 0
3426	26 1387	C 3579	1376	13259	6 48 53.91	+3.7278	-.0056	26 38 34.3	-4.245	-.530	10.9	- 8	- 12	7.58	A 0
3427	30 1357	C 3580	1377	13258	49 3.04	8247	66	29 56 25.0	258	543	11.8	+ 13	- 2	7.91	B 8
3428	31 1438	L 2870		13257	49 8.13	8730	71	31 30 37.4	265	549	13.0	+ 10	- 9	9.0	G 5
3429	24 1451	B 2660		13279-80	49 13.55	6637	51	24 21 37.9	273	519	11.7	- 35	- 137	6.84	F 8
3430	26 1388	C 3584	1385		49 20.09	7156	56	26 13 31.7	283	527	12.0	- 8	- 15	9.0	A 0
3431	31 1441	L 2871	1383		6 49 28.74	+3.8582	-.0069	31 2 41.9	-4.295	-.547	12.3	- 3	- 5	8.6	G 5
3432	25 1492	C 3585			49 30.72	6992	55	25 38 51.3	298	525	13.3	+ 34	- 39	9.4	
3433	31 1442	L 2872		13274	49 30.86	8839	73	31 51 54.1	298	551	12.9	- 7	+ 2	8.7	G 0
3434	26 1390	C 3587	1392		49 31.53	7185	57	26 19 47.7	299	527	13.5	+ 4	- 24	8.6	
3435	27 1264	C 3588	1393	13291	49 36.38	7510	60	27 27 59.6	305	532	13.1	+ 14	- 16	8.8	F 0
3436	31 1443	L 2873			6 49 36.81	+3.8646	-.0071	31 15 3.9	-4.306	-.548	12.9	- 3	- 33	8.7	
3437					49 42.16	8346	68	30 16 55.2	313	544	12.5	+ 194	- 245		
3438	30 1359	L 2875	1391	13288	49 42.13	8346	68	30 16 55.2	313	544	10.5	+ 194	- 245	8.1	G 0
3439					49 42.21	8346	68	30 16 53.6	313	544	10.1	+ 194	- 245		
3440	26 1392	C 3590			49 43.68	7274	58	26 38 49.7	316	529	12.5	+ 16	- 11	9.4	A 2
3441	25 1496	C 3591	1404	13299	6 49 46.64	+3.6946	-.0054	25 29 20.5	-4.320	-.524	13.1	- 30*	+ 13*	5.77	G 0
3442	29 1400	C 3592			49 54.73	8056	67	29 19 32.0	332	539	12.8	- 2	- 18	9.0	
3443	31 1446	L 2876			49 56.72	8797	74	31 44 32.8	335	550	12.1	+ 32	- 27	9.0	
3444	24 1457	B 2669		13313-4	50 8.28	6567	51	24 7 21.4	350	518	14.1	0	- 42	7.67	B 3
3445	30 1361	L 2878	1407		50 10.75	8504	70	30 48 26.9	354	546	14.3	- 11	- 31	8.7	F 0
3446	27 1269	C 3596	1410	13309	6 50 11.16	+3.7477	-.0061	27 21 53.2	-4.354	-.531	13.9	- 1	- 11	8.2	A 2
3447	29 1402	C 3595			50 11.44	8007	66	29 10 26.4	354	539	14.5	+ 4	- 2	9.1	
3448	24 1458	B 2671			50 12.33	6711	53	24 38 55.5	356	521	13.1	+ 2	- 25	9.4	
3449	27 1270	C 3598	1416	13315	50 19.06	7486	61	27 24 4.3	366	532	11.1	+ 2	- 6	6.97	B 9
3450	30 1363	L 2881			50 20.85	8451	70	30 38 27.5	369	546	14.2	+ 30	+ 23	9.4	A 5

3406. Burnham 3662. Number of observations 6.
3437, 3439. Σ 981. Components 8.0 and 8.0.

3409. Burnham 3664.

3416, 3427, 3441. Number of observations 6.

3437. Number of observations 2.
3439. Number of observations 1.

3438. Number of observations 3.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
3451	30 1364	L 2882			6 50 22.07	+3.8462	-.0070	30 40 39.1	-4.370	-.546	14.3	+ 21	- 3	9.1	
3452	29 1403	C 3599	1417		50 24.93	8146	67	29 38 29.5	374	541	12.9	+ 9	- 32	8.6	K 2
3453	25 1499	C 3602			50 36.04	6999	56	25 41 35.1	390	525	13.1	+ 13	- 24	9.0	
3454	29 1405	C 3601			50 37.19	8046	68	29 18 42.5	392	539	13.8	- 6	- 12	9.4	
3455	26 1396	C 3605	1424		50 42.26	7106	57	26 4 34.2	399	526	13.2	+ 1	- 42	9.4	
3456	27 1273	C 3606	1423		6 50 43.51	+3.7365	-.0060	26 59 19.0	-4.401	-.530	12.5	- 31	- 50	9.5	
3457	25 1502	C 3607	1431	13334	50 47.59	6839	55	25 7 24.2	407	522	10.5	- 19	+ 44	7.61	A 3
3458	24 1461	B 2677			50 50.33	6691	54	24 35 28.6	410	519	13.4	+ 1	- 54	9.4	
3459	29 1407	C 3608			50 53.04	7975	67	29 4 56.4	414	538	13.5	+ 48	- 4	8.8	
3460	24 1463	B 2678	1435		50 53.80	6606	53	24 16 56.9	416	518	12.7	+ 8	- 34	9.4	
3461	31 1449	L 2887	1425	13328	6 50 56.30	+3.8714	-.0074	31 30 8.2	-4.418	-.548	11.1	- 19	- 23	8.4	G 0
3462	26 1398	C 3611			51 3.82	7068	58	25 56 59.9	430	525	14.4	- 7	- 45	9.4	
3463	25 1505	C 3612			51 12.37	6981	57	25 38 34.2	441	524	12.3	+ 14	- 25	8.6	
3464	30 1368	L 2890	1440	13338	51 15.96	8293	70	30 8 49.1	447	543	12.5	- 5	- 22	8.4	K 0
3465	24 1467	B 2681	1447		51 18.15	6640	53	24 24 52.4	450	519	12.3	+ 15	- 30	8.8	K 0
3466	25 1507	C 3613	1449-50		6 51 22.75	+3.6783	-.0055	24 56 4.5	-4.457	-.521	13.5	+ 27	+ 6	8.81	A 2
3467	27 1276	C 3614	1448		51 27.54	7625	64	27 54 21.8	464	533	12.7	+ 3	- 10	9.0	A 0
3468	24 1470	C 3615	1452	13363-5	51 29.53	6734	55	24 45 39.9	467	520	11.3	- 8	- 36	6.96	G 5
3469	25 1509	C 3616	1453-4	13364	51 30.25	6821	56	25 4 32.2	467	521	12.0	- 22	+ 6	7.59	A 0
3470	30 1369	L 2892	1446		51 32.73	8467	72	30 43 14.9	471	545	13.2	- 10	- 8	8.1	K 0
3471	25 1510	C 3617			6 51 37.82	+3.6995	-.0057	25 42 6.4	-4.478	-.524	12.7	- 48	- 2	9.0	
3472	25 1511	C 3620			51 39.26	6869	56	25 15 3.8	480	522	13.7	- 2	- 17	9.4	
3473	30 1371	L 2893			51 41.16	8395	71	30 29 20.3	482	544	13.1	+ 5	- 13	9.1	
3474	30 1373	L 2894			51 48.31	8515	73	30 52 58.9	492	546	12.5	+ 9	- 5	8.6	K 5
3475	31 1453	L 2895	1457	13361	51 49.45	8654	74	31 20 0.5	494	548	11.9	+ 18	- 43	8.6	K 2
3476	30 1375	L 2897	1461		6 51 52.07	+3.8433	-.0072	30 37 15.2	-4.498	-.545	13.2	+ 9	- 76	9.4	
3477	27 1280	C 3622			52 12.62	7357	62	26 59 36.4	528	529	13.0	- 9	- 1	9.4	F 8
3478	26 1404	C 3623			52 18.06	7269	61	26 41 17.6	535	528	11.7	+ 16	- 24	9.0	K 2
3479	24 1477	C 3624	1476		52 20.00	6774	56	24 55 19.5	538	521	12.9	- 21	- 25	9.01	F 2
3480	31 1457	L 2901		13383	52 21.57	8717	77	31 33 1.5	541	548	12.1	- 62	- 42	8.6	G 0
3481	27 1281	C 3626			6 52 26.38	+3.7397	-.0062	27 7 55.9	-4.546	-.530	11.7	- 8	- 1	8.4	G 5
3482	27 1282	C 3627			52 33.10	7574	65	27 45 26.3	556	531	11.5	- 12	+ 8	8.4	
3483	25 1517	C 3628	1483-4-5		52 37.71	6819	57	27 5 31.5	563	522	11.8	- 15	- 31	8.46	K 0
3484	29 1415	C 3629			52 42.78	7928	69	28 58 0.2	570	537	12.9	+ 46	- 101	9.0	
3485	29 1416	C 3630			52 52.64	8089	71	29 30 44.1	585	538	12.8	+ 29	- 40	9.1	
3486	24 1481	C 3631	1494		6 52 53.88	+3.6748	-.0057	24 50 36.2	-4.586	-.519	11.1	- 13	- 39	8.8	
3487	25 1519	C 3632	1498-9-500		52 57.21	6803	57	25 2 31.1	592	521	9.9	- 55	- 61	8.11	F 5
3488	28 1286	C 3633	1495		53 5.01	7858	70	28 44 20.8	602	535	14.1	+ 32	- 65	9.8	
3489	29 1417	C 3634			53 6.95	8080	71	29 29 15.7	605	538	14.0	+ 49	- 16	9.4	
3490	28 1287	C 3635	1502-3		53 13.90	7870	70	28 46 58.3	614	535	12.2	+ 20	- 136	8.6	K 2
3491	26 1405	C 3636			6 53 14.62	+3.7124	-.0062	26 12 0.0	-4.616	-.525	9.8	- 120*	+ 86*	6.10	F 5
3492	25 1520	C 3638	1508		53 20.10	6912	59	25 26 45.3	623	522	11.9	+ 5	- 1	8.6	
3493	27 1286	C 3637			53 21.81	7471	65	27 25 4.9	626	530	13.3	+ 38	+ 20	9.5	
3494	26 1407	C 3639			53 22.32	7149	62	26 17 23.9	626	525	13.7	+ 14	- 15	9.4	
3495	29 1421	C 3640	1509		53 30.77	8050	72	29 23 43.9	639	538	13.0	+ 31	+ 4	9.1	F
3496	25 1522	C 3642			6 53 32.53	+3.6777	-.0058	24 57 48.0	-4.641	-.520	13.3	+ 1	- 5	9.0	
3497	29 1422	C 3641			53 36.99	8161	73	29 46 8.7	647	539	13.4	+ 17	- 10	9.0	
3498	26 1409	C 3643			53 38.90	7213	63	26 31 26.7	650	526	14.4	+ 24	- 12	9.4	
3499	26 1410	C 3644			53 40.75	7075	61	26 2 2.9	653	524	13.4	- 2	+ 11	8.7	
3500	25 1523	C 3645	1518		53 41.69	6773	58	24 57 0.9	654	520	12.8	- 3	- 19	8.8	

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
3501	25 1524	C 3646	1521-3		6 53 49.61	+3.6884	-0059	25 21 22.0	- 4.666	-521	13.4	- 27	- 36	8.2	G
3502	25 1525	C 3647	1524		53 51.03	6885	59	25 21 30.8	667	521	13.0	- 27	- 36	8.8	G
3503	26 1411	C 3649			53 54.61	7074	62	26 2 13.7	672	524	12.1	- 11*	- 14*	6.29	B 9
3504	26 1412	C 3650			53 56.44	7110	61	26 10 2.9	674	525	13.3	- 8	+ 22	9.0	
3505	29 1425	C 3654	1532		54 23.58	8193	75	29 53 45.8	714	540	9.9	- 5	- 18	7.36	K 0
3506	30 1387	L 2914			6 54 25.39	+3.8349	-0076	30 24 38.6	- 4.715	-541	11.1	+ 2	- 35	7.76	G 5
3507	27 1292	C 3657	1544-5		54 39.00	7343	65	27 0 10.1	735	527	11.8	+ 15	+ 11	7.8	K 0
3508	27 1294	C 3664	1557		55 7.86	7451	67	27 23 36.9	776	529	13.3	+ 53	- 12	9.4	
3509	30 1389	L 2921			55 11.13	8278	78	30 11 50.9	780	539	12.9	+ 6	- 29	9.4	
3510	27 1295	C 3665	1560		55 12.16	7477	67	27 29 7.1	782	528	13.3	+ 5	- 7	9.4	Ma
3511	28 1290	C 3666			6 55 13.82	+3.7605	-0069	27 55 48.7	- 4.784	-530	11.6	+ 13	- 31	8.8	
3512	30 1391	L 2923			55 14.12	8301	78	30 16 26.0	784	539	13.5	+ 16	+ 5	9.4	
3513	30 1393	C 3667	1558	13484	55 16.62	8241	77	30 4 39.5	789	538	13.0	+ 45	- 11	8.51	G 5
3514	27 1296	C 3668	1563	13495	55 21.59	7418	67	27 16 58.1	796	527	12.3	+ 13	- 9	7.19	K 2
3515	24 1491	B 2721		13504	55 23.16	6668	59	24 36 24.1	797	516	12.9	+ 20	- 11	8.4	A 2
3516	29 1429	C 3669	1562	13490	6 55 25.45	+3.8175	-0076	29 51 43.7	- 4.800	-538	13.8	+ 4	+ 7	7.86	G 5
3517	29 1430	C 3670			55 30.77	8018	75	29 20 36.2	809	536	13.3	+ 1	+ 2	7.70	G 5
3518	27 1300	C 3674			55 39.46	7475	68	27 29 24.1	820	528	13.5	+ 29	- 17	9.4	
3519	26 1424	C 3677	1576		55 39.73	7139	65	26 18 41.8	821	523	13.8	+ 10	- 11	9.1	A 2
3520	29 1431	C 3676			55 42.62	8045	75	29 26 8.9	826	537	13.6	+ 9	- 4	9.1	
3521	27 1301	C 3679	1578	13514	6 55 47.55	+3.7479	-0068	27 30 25.2	- 4.833	-528	12.5	+ 19	- 9	8.2	
3522	29 1432	C 3678			55 47.65	8023	75	29 21 58.6	833	536	14.4	- 17	+ 10	9.4	
3523	26 1426	C 3682	1581-2	13519	55 51.37	7152	65	26 21 43.9	837	524	12.8	- 2	+ 6	8.7	
3524	29 1433	C 3681			55 54.42	8068	75	29 31 4.1	841	537	14.4	+ 12	- 50	9.1	A 0
3525	24 1495	B 2725	1592		56 0.49	6600	60	24 22 26.5	850	515	13.9	0	- 71	9.4	
3526	26 1427	C 3683	1587	13526	6 56 1.18	+3.7247	-0066	26 42 3.4	- 4.851	-525	14.1	- 13	- 16	8.5	B 9
3527	25 1540	C 3685			56 9.66	6963	63	25 41 41.3	864	521	12.6	- 7	+ 4	8.4	A 0
3528	29 1434	C 3684	1591	13529	56 12.94	8148	76	29 47 35.6	868	538	13.6	- 5	- 23	8.71	A 2
3529	30 1398	L 2931			56 14.32	8391	80	30 35 45.9	869	541	14.3	- 4	- 2	9.0	
3530	30 1401	L 2932			56 21.14	8316	80	30 21 13.2	879	540	14.0	+ 24	- 1	9.4	
3531	26 1431	C 3687			6 56 26.56	+3.7250	-0067	26 43 23.5	- 4.888	-525	14.2	+ 23	- 37	9.1	
3532	24 1498	B 2727	1601	13540	56 29.51	6624	61	24 28 28.6	892	515	13.8	+ 3	- 33	8.0	A 0
3533	31 1471	L 2934			56 31.01	8626	82	31 22 7.4	893	544	13.6	- 21	- 74	8.0	G 0
3534	25 1542	C 3689			56 35.29	6921	64	25 33 14.3	899	519	12.5	- 2	+ 6	6.94	A 2
3535	30 1404	C 3691	1602		56 43.35	8210	78	30 0 48.8	910	538	12.6	- 7	- 57	8.56	K 2
3536	25 1545	C 3692	1609-10	13554	6 56 48.81	+3.6903	-0063	25 29 40.1	- 4.919	-519	13.3	- 7	- 58	7.41	A 3
3537	26 1435	C 3693	1611		56 50.46	7037	66	25 58 31.0	920	521	12.9	+ 16	+ 5	8.0	G 5
3538	31 1473	L 2936	1605	13541	56 51.58	8654	84	31 28 9.4	923	545	13.1	+ 7	- 25	7.8	K 5
3539	24 1502	B 2735	1614	13559	56 55.87	6586	61	24 20 39.9	929	515	13.9	- 3*	- 14*	5.21	K 0
3540	31 1474	L 2937		13543	56 58.24	8718	85	31 40 33.5	932	545	11.3	+ 2	- 14	8.0	K 0
3541	31 1475	L 2938	1613		6 57 11.54	+3.8525	-0082	31 3 41.1	- 4.950	-542	13.3	+ 22	- 30	9.0	
3542	24 1507	B 2737	1634		57 27.53	6506	61	24 3 41.7	974	513	13.7	+ 9	- 34	9.0	
3543	25 1551	C 3697	1642-3	13586	57 43.15	6892	65	25 28 35.0	995	519	11.7	- 4	- 23	8.4	A 2
3544	26 1440	C 3696	1641	13564	57 44.30	7271	68	26 49 44.7	997	524	13.3	- 7	- 22	9.1	
3545	24 1510	B 2740			57 46.31	6667	63	24 39 44.2	999	516	14.3	+ 28	- 41	9.1	
3546	29 1441	C 3695		13576	6 57 47.34	+3.8044	-0078	29 29 17.7	- 5.001	-535	12.88	+ 121*	- 823*	5.95	F 8
3547	25 1553	C 3701	1647-8	13594	57 56.58	6888	65	25 28 9.8	015	518	12.7	+ 22	- 42	8.4	
3548	30 1406	L 2947	1644	13584	57 57.11	8382	83	30 37 2.3	015	540	12.6	- 23	- 26	8.6	A 3
3549	30 1407	L 2948	1645		57 57.61	8228	80	30 6 25.1	016	537	13.3	+ 8	0	9.0	
3550	24 1511	C 3705			57 58.03	6684	63	24 43 42.1	016	515	13.3	- 40	- 64	9.1	

3501, 3502. Σ 1000.

3503. Number of observations 7.

3508. Burnham 3755.

3511, 3523, 3527, 3529, 3535, 3537, 3540, 3545, 3548, 3550. Number of observations 4.

3531. Σ 1008.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
3551	29 1442	C 3700			6 57 59.60	+3.8142	-.0079	29 49 23.0	-5.019	-.536	14.2	+ 14	- 15	9.4	
3552	27 1307	C 3706	1649	13593	58 0.84	7356	70	27 8 12.4	020	525	13.8	+ 4	+ 12	8.0	G 0
3553	25 1556	C 3708		13597	58 1.36	6820	65	25 13 29.7	020	517	14.3	+ 14	- 33	8.2	K 0
3554	30 1409	L 2950			58 4.31	8259	81	30 12 52.9	025	538	14.4	+ 28	- 16	9.4	
3555	29 1444	C 3711			58 10.45	7885	77	28 57 56.1	033	533	14.7			9.4	
3556	27 1308	C 3713	1656	13600	6 58 13.43	+3.7307	-.0070	26 58 6.8	-5.037	-.524	14.2	- 5	- 10	8.2	K 0
3557	24 1513	B 2747		13603	58 13.46	6623	64	24 30 41.4	037	514	14.6	+ 21	- 16	8.7	
3558	25 1557	C 3714	1662-3		58 22.88	6908	67	25 33 9.1	052	518	13.1	+ 8	- 38	8.6	
3559	25 1558	C 3715			58 23.83	6944	67	25 40 50.5	053	519	13.0	+ 11	+ 50	8.6	
3560	24 1515	B 2750		13617	58 31.31	6581	64	24 21 49.0	063	513	12.4	+ 13	- 31	8.4	
3561	26 1446	C 3718			6 58 41.51	+3.7166	-.0069	26 28 57.2	-5.078	-.522	12.0	+ 2	- 78	8.6	
3562	26 1447	C 3719			58 45.34	7114	69	26 17 55.5	083	521	12.7			9.4	
3563	30 1412	L 2955			59 4.97	8312	84	30 25 7.8	111	538	13.3	- 15	+ 9	9.1	
3564	24 1519	B 2754			59 14.33	6631	64	24 33 58.1	124	513	13.7	+ 17	- 28	9.4	
3565	30 1413	L 2958	1681	13631-2	59 14.66	8335	84	30 29 48.3	125	538	12.7	0	- 11	7.24	G 5
3566	28 1305	C 3723		13639	6 59 15.35	+3.7668	-.0078	28 15 12.5	-5.125	-.528	13.9	+ 57	- 72	8.8	
3567	28 1306	C 3725	1686		59 25.43	7573	75	27 55 41.5	139	527	14.2	0	- 32	9.4	
3568	29 1451	C 3726	1685		59 28.88	8140	82	29 51 26.3	143	535	14.0	- 1	- 11	8.6	A 0
3569	31 1484	L 2961	1692-3		59 41.16	8637	88	31 29 41.2	162	542	13.9	+ 38	- 9	8.7	A 3
3570	29 1454	C 3728	1698	13655	59 50.71	8075	82	29 39 6.2	176	533	13.2	+ 12	- 17	8.4	B 9
3571	24 1521	C 3730			6 59 56.33	+3.6708	-.0069	24 51 50.5	-5.183	-.514	13.7			9.8	
3572	31 1487	L 2962	1701-3	13656	59 59.93	8645	89	31 31 44.7	188	542	12.9	+ 34	- 8	6.80	Ma
3573	28 1307	C 3731			7 0 6.40	7590	76	28 0 24.4	197	527	13.7	+ 19	+ 28	9.4	
3574	26 1451	C 3732	1722		0 11.48	7097	71	26 16 36.9	204	520	13.1	+ 8	- 50	9.1	
3575	24 1523	B 2761			0 12.05	6593	66	24 27 1.4	205	513	14.2	+ 18	- 28	9.1	
3576	31 1489	L 2965			7 0 25.87	+3.8552	-.0089	31 14 34.9	-5.225	-.541	14.0	+ 17	- 17	9.4	
3577	28 1309	C 3733		13679	0 28.50	7623	78	28 7 59.9	229	528	13.7	+ 36	- 18	9.1	Ma
3578	26 1453	C 3735	1731		0 31.68	7007	71	25 57 30.4	233	518	12.7	- 9	- 22	8.4	
3579	28 1310	C 3734	1727	13681	0 32.01	7680	78	28 19 42.8	233	528	12.7	- 16	- 2	7.8	A 2
3580	25 1570	C 3736			0 34.11	6917	70	25 38 23.4	236	517	13.1	+ 25	- 19	8.6	
3581	25 1571	C 3737	1735	13675	7 0 41.18	+3.6739	-.0068	24 59 50.4	-5.246	-.515	10.7	+ 19	- 21	7.16	K 2
3582	28 1312	C 3738	1749	13700	1 6.08	7682	79	28 21 10.7	281	527	11.5	- 9	0	8.7	
3583	28 1314	C 3742	1770	13724-5	1 46.27	7666	81	28 18 58.2	338	527	11.4	+ 17	+ 9	6.23	B 9
3584	24 1530	B 2773			1 46.56	6471	66	24 2 24.0	339	511	12.7	- 12	- 43	9.4	
3585	24 1531	B 2774			1 48.27	6543	67	24 18 29.4	340	512	11.3	- 8	- 54	6.90	Ma
3586	31 1494	L 2976		13723	7 1 54.35	+3.8570	-.0092	31 20 50.8	-5.349	-.540	11.3	+ 13	- 31	8.8	
3587	28 1316	C 3747			1 55.47	7743	81	28 35 10.2	350	528	13.2	- 88	- 43	9.5	
3588	24 1532	C 3748	1778		1 59.35	6677	69	24 48 16.2	356	512	13.7	- 3	- 9	9.5	
3589	25 1579	C 3749	1788		2 13.21	6891	72	25 35 29.7	375	515	13.1	+ 1	- 10	9.1	
3590	24 1534	B 2790	1801		2 21.27	6611	68	24 34 16.7	387	511	13.1	+ 21	+ 12	9.0	
3591	30 1423	C 3753		13742	7 2 22.34	+3.8151	-.0087	29 58 56.4	-5.388	-.533	12.51	- 107	- 323	8.31	G 5
3592	31 1495	L 2984	1795	13746	2 35.72	8601	94	31 28 11.7	408	540	12.9	- 5	- 5	8.8	A 0
3593	28 1319	C 3754	1811-2	13757	2 40.80	7668	81	28 20 57.8	415	526	12.5	- 1	- 43	9.4	F 5
3594	31 1496	L 2985			2 46.33	8643	94	31 36 31.3	422	540	12.9	- 45	- 24	9.4	
3595	25 1584	C 3756	1824-5		3 1.01	6759	71	25 7 59.1	443	514	12.8	- 20	- 15	8.8	
3596	25 1585	C 3758	1827-8		7 3 2.71	+3.6758	-.0071	25 7 53.0	-5.446	-.514	12.1	- 20	- 15	9.5	
3597	26 1463	C 3760	1831-2		3 14.38	7213	76	26 46 22.0	461	519	12.1	+ 13	- 51	9.1	G
3598	26 1464	C 3761			3 19.30	7251	77	26 54 39.9	468	520	12.3	- 2	- 15	9.0	A 2
3599	30 1430	L 2992	1833		3 25.89	8307	90	30 31 54.7	478	535	10.1	+ 13	- 95	7.8	F 8
3600	29 1466	C 3762			3 26.29	7879	85	29 5 48.4	478	528	11.3	+ 2	- 4	8.7	A 0

3553-3555, 3557, 3558, 3560, 3595. Number of observations 4.
3574. Σ 1014. 3581. Burnham 3821. 3585. Burnham 3831.

3566. Σ 1012.
3595, 3596. Σ 1023.

3567, 3577, 3594. Number of observations 6.
3596. Number of observations 3.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.														
												R.A. "0001.	Dec. "001.																
													h	m	s	s	s	°	'	"	"	"	"	+	-	+	-	+	-
3601	30	1431	L 2994	1839	13783	7	3	35.16	+3.8233	-0089	30	17	29.7	-	5.490	-	534	10.6	+	22	-	51	7.41	K o					
602	28	1320	C 3767	1845	13789	3	38	10	7615	83	28	11	46.2		495	525	10.3	+	21	-	45	8.4	A o						
3603	25	1590	C 3769	1853-4		3	48	14	6828	73	25	24	21.6		509	514	11.7	-	5	-	12	8.6	A 3						
3604	25	1594	C 3774	1869	13792	4	3	9.7	6956	75	25	52	37.4		531	516	11.7	-	80	-	203	7.01	G o						
3605	26	1470	C 3775	1868	13809	4	5	5.3	7176	77	26	40	6.4		534	519	12.1	+	31	-	69	7.7	K o						
3606	25	1595	C 3776	1874	13797	7	4	12.01	+3.6956	-0075	25	52	47.6	-	5.542	-	516	12.6	+	14	-	15	7.7	F o					
3607	25	1596	C 3777		13798	4	16	0.9	6930	74	25	47	22.2		548	515	12.7	+	4	-	66	8.6							
3608	30	1435	C 3778			4	22	8.8	8184	91	30	9	8.9		558	533	13.6	-	40	-	29	9.0							
3609	27	1323	C 3780	1881-2		4	29	8.6	7326	80	27	12	36.4		567	521	12.5	+	9	-	9	9.0	A o						
3610	28	1326	C 3779			4	30	9.6	7705	85	28	31	58.5		569	526	13.5	-	14	+	5	9.5							
3611	26	1471	C 3781			7	4	31.73	+3.7084	-0077	26	21	6.4	-	5.570	-	518	12.9	+	6	+	7	8.6	A o					
3612	30	1436	L 3000	1884	13862	4	39	9.6	8287	92	30	30	18.5		581	533	11.7	+	23	-	24	8.1	A 2						
3613	24	1546	B 2814	1909-10	13856	5	1	8.8	6506	71	24	15	25.0		612	508	11.1	-	52	-	145	7.8	F 5						
3614	30	1437	C 3782			5	9	2.7	8131	91	30	0	0.0		622	531	12.7	+	12	+	12	9.1							
3615	25	1597	C 3783	1919		5	10	2.9	6759	75	25	11	30.3		623	512	12.7	-	26	-	36	9.4	K						
3616	30	1439	L 3009	1921	13886	7	5	24.74	+3.8246	-0093	30	23	36.0	-	5.644	-	533	10.4	-	19*	-	47*	4.48	K o					
3617	29	1470	C 3785	2		5	26	2.7	8084	91	29	51	0.7		646	530	12.7	+	4	-	36	8.81	A 3						
3618	25	1598	C 3787	12-3	13869	5	32	4.7	6833	75	25	28	22.8		654	513	11.1	+	7	-	6	8.6	A o						
3619	30	1442	L 3015		13895	5	44	6.6	8311	95	30	37	12.3		672	534	10.9	-	12	-	10	7.8	F 2						
3620	24	1549	C 3788	28-9	13879	5	45	7.7	6651	74	24	48	41.5		674	510	11.9	-	18	-	26	8.21	Ma						
3621	30	1444	L 3016	18		7	5	47.99	+3.8340	-0095	30	42	54.8	-	5.677	-	534	12.4	+	5	-	15	8.9						
3622	27	1327	C 3789	23-4-5-6		5	48	1.8	7257	81	27	0	19.2		677	519	12.1, 9.1	-	13*	-	49*	5.60	A 2						
3623	31	1505	L 3017	20-1	13867	5	50	8.9	8587	99	31	31	33.7		681	537	12.3	-	3	-	27	8.2	A 2						
3624	26	1481	C 3792	33-4-5		5	56	2.4	7129	79	26	33	16.1		688	517	11.7	-	2	-	9	6.75	K o						
3625	28	1332	C 3794			6	12	2.9	7725	88	28	39	15.7		710	525	13.3	-	22	-	25	9.4							
3626	26	1482	C 3796	46		7	6	12.65	+3.7188	-0080	26	46	25.5	-	5.711	-	517	13.3	+	2	-	10	9.1						
3627	31	1506	L 3019	37-116	13882	6	14	9.9	8618	100	31	38	26.0		714	537	12.1	-	5	-	15	8.8	K 2						
3628	25	1603	C 3798			6	22	5.2	6774	76	25	16	55.1		725	511	13.8	-	43	+	3	9.4							
3629	28	1333	C 3800			6	32	6.2	7788	90	28	52	52.3		739	526	13.1	-	82	-	20	9.8							
3630	30	1446	L 3022	51		6	33	1.1	8285	96	30	33	26.4		739	532	12.1	+	19	-	15	8.8	K 5						
3631	28	1336	C 3804		13905	7	6	46.56	+3.7635	-0087	28	21	41.8	-	5.758	-	522	12.5	+	19	-	50	9.4	K 2					
3632	24	1554	C 3806			6	46	9.4	6641	74	24	48	12.7		759	509	13.5	+	12	-	19	9.0							
3633	26	1485	C 3805			6	47	3.2	6961	78	25	58	24.8		759	513	12.5					8.8	A 5						
3634	27	1334	C 3807	62		6	51	7.5	7466	86	27	46	24.0		766	521	14.1	+	20	-	15	9.4							
3635	26	1487	C 3808	69		6	57	0.1	7166	81	26	42	54.7		773	517	12.1	-	15	-	59	7.8	K o						
3636	24	1556	B 2829	74-7	13918	7	6	58.28	+3.6512	-0074	24	20	0.3	-	5.774	-	507	12.3	+	16	-	14	9.4						
3637	24	1558	B 2830	75-6	13920	6	58	3.7	6498	73	24	16	46.8		775	507	12.2	-	14*	-	52*	5.76	F 5						
3638	28	1337	C 3810	65	13914	7	0	8.0	7717	90	28	39	0.2		778	524	13.1	-	9	-	13	8.8	K o						
3639	25	1606	C 3812			7	2	3.0	6878	78	25	40	49.9		780	513	13.7					9.4							
3640	25	1608	C 3814	83		7	10	0.3	6881	78	25	41	46.9		791	512	12.8	-	35	-	59	8.5							
3641	27	1337	C 3815	81-2		7	7	13.09	+3.7350	-0085	27	22	41.0	-	5.795	-	519	12.9	+	4	-	90	6.44	F 5					
3642	29	1479	C 3816			7	16	5.9	7948	93	29	26	57.9		801	527	12.7	+	34	+	20	8.8							
3643	25	1609	C 3818	86	13924	7	17	3.2	6936	79	25	53	58.4		801	513	13.2		0*	-	18*	6.89	A o						
3644	24	1564	B 2833	97-8		7	24	6.0	6486	74	24	14	58.0		812	506	13.9	+	32	-	50	9.0							
3645	24	1562	C 3819			7	25	9.9	6649	76	24	51	14.3		813	508	14.0	-	13	-	12	9.4							
3646	28	1340	C 3821	92	13931	7	7	29.48	+3.7506	-0087	27	56	2.6	-	5.818	-	521	13.1	+	26	-	26	8.2	F 2					
3647	24	1567	C 3822	107		7	41	9.8	6635	76	24	48	31.0		836	508	13.4	-	52	-	10	8.56	F 5						
3648	31	1513	L 3028	113		8	8	0.6	8411	100	31	1	39.8		872	533	13.1	-	7	-	40	9.4	A o						
3649	28	1341	C 3825	117-9		8	8	5.8	7554	89	28	7	11.5		873	521	13.4	-	14	-	39	9.4	K						
3650	28	1342	C 3826	120-1-2	13953-4	8	11	2.5	7705	91	28	38	49.5		876	523	12.6	-	12	-	30	7.7	A o						

3604, 3606. Burnham 3853.
3622. Number of observations 5 and 10.

3608, 3626. Number of observations 6.
3631. Number of observations 4.

3612. Burnham 3856.
3641. Σ 1037.

3616. Burnham 3862.
3650. Burnham 3890.

No.	B.D.	A.G.C.	W.B. (z).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	s	° ' "	"	"					
3651	28 1343	C 3828	128-9-30	13958-60	7 8 19.13	+3.7722	-0092	28 42 41.0	-5.887	-523	13.7	+ 16	- 42	9.0	
3652	26 1492	C 3830			8 24.31	7128	82	26 37 23.7	894	515	13.4	- 19	- 15	9.4	
3653	25 1613	C 3831	135-6	13972	8 25.56	6726	77	25 10 0.0	897	510	12.7	- 290	- 112	8.4	K o
3654	24 1575	B 2841	151	13986	8 45.06	6456	75	24 10 23.4	924	506	12.9	- 5	- 27	8.6	A o
3655	24 1576	C 3835		13990	8 57.10	6641	77	24 51 56.4	940	507	11.5	- 1*	- 16*	6.66	B 9
3656	26 1494	C 3833			7 8 57.39	+3.6973	-0081	26 4 49.8	-5.940	-512	12.3	- 15	- 17	9.1	
3657	31 1516	L 3035		13979	8 57.43	8569	104	31 34 22.0	940	534	11.5	+ 9	- 38	8.6	F 5
3658	28 1346	C 3834	154-5	13987	9 0.47	7683	91	28 35 49.6	945	522	12.5	- 31	- 48	8.6	K o
3659	30 1461	L 3037			9 4.80	8137	99	30 8 54.6	951	529	12.9	- 14	+ 16	9.4	
3660	24 1578	B 2843	162	14001	9 5.67	6450	75	24 9 47.4	952	505	11.5	- 13	- 49	8.0	
3661	31 1517	L 3036		13984	7 9 6.22	+3.8588	-0105	31 38 23.9	-5.953	-535	12.3	+ 27	- 21	8.6	A o
3662	25 1618	C 3840	164-5	14003	9 11.78	6686	78	25 2 30.4	961	508	11.9	+ 37*	- 92*	6.02	K o
3663	26 1495	C 3838	161		9 12.15	7171	85	26 48 13.8	961	515	13.2	+ 18	- 19	9.0	G o
3664	27 1342	C 3839			9 12.84	7250	86	27 5 12.8	962	516	13.9	- 2	- 18	9.1	
3665	30 1464	C 3841	163		9 20.55	8092	98	30 0 18.1	974	528	13.2	- 15	- 11	8.8	
3666	30 1463	L 3042			7 9 21.36	+3.8245	-0100	30 31 8.3	-5.974	-530	13.7	+ 23	- 15	9.0	
3667	26 1497	C 3843			9 31.06	6990	82	26 9 37.7	988	512	13.3	+ 10	- 10	8.6	A
3668	26 1498	C 3844			9 35.89	6955	82	26 2 9.9	995	512	12.7	- 19	+ 1	8.2	F 8
3669	25 1622	C 3848	178		9 47.09	6795	80	25 27 30.2	6.010	509	12.7	+ 21	- 19	9.4	
3670	29 1487	C 3849			10 1.23	7806	95	29 3 26.3	029	522	12.1	- 2	- 10	10.2	
3671	24 1583	B 2853		14030	7 10 2.36	+3.6403	-0076	24 0 47.8	-6.031	-503	11.7	+ 13	- 48	7.7	G 5
3672	27 1346	C 3850	188		10 10.33	7394	90	27 37 37.0	042	518	12.8	+ 9	- 39	8.7	
3673	31 1521	L 3046	187-9	14027	10 17.87	8381	104	31 0 16.4	053	531	12.1	+ 23	- 37	8.6	A 2
3674	28 1350	C 3853	199-200	14033	10 20.05	7514	91	28 3 17.3	056	519	12.7	- 14*	- 9*	5.87	Ma
3675	29 1489	C 3852	198	14031	10 21.19	7907	97	29 24 45.5	057	524	12.8	+ 21	- 44	8.0	B 8
3676	24 1585	B 2858			7 10 31.01	+3.6542	-0078	24 32 45.8	-6.071	-505	13.1	- 21	- 62	9.0	
3677	24 1586	C 3855			10 36.75	6617	80	24 49 37.5	079	506	13.3	+ 7	+ 24	8.6	
3678	30 1466	L 3048	213	14039	10 38.82	8335	103	30 51 48.4	082	529	12.9	+ 5	- 27	8.8	F 8
3679	30 1467	L 3049			10 44.95	8251	102	30 35 13.3	090	528	13.3	+ 27	+ 3	9.4	
3680	29 1491	C 3857	222		10 51.24	7898	98	29 24 0.0	099	523	12.6	- 8	- 35	9.4	F 2
3681	30 1468	C 3858			7 10 51.92	+3.8092	-0101	30 3 22.2	-6.100	-526	12.1	- 10	- 39	9.06	G
3682	25 1625	C 3859			11 0.94	6674	81	25 3 0.3	113	506	13.1	+ 11	- 24	9.1	
3683	24 1590	B 2867	237	14072	11 9.18	6402	77	24 2 36.5	124	502	11.5	- 11	- 84	8.4	F 8
3684	24 1592	C 3861	244	14075	11 19.71	6575	80	24 41 45.1	139	505	9.6	- 6	- 17	7.01	A c
3685	26 1508	C 3865	245-6-7	14080	11 28.94	7165	87	26 51 7.9	151	514	11.6	+ 66	- 145	6.51	G 5
3686	31 1525	L 3058	241		7 11 30.26	+3.8515	-0108	31 29 5.9	-6.153	-531	12.1	+ 9	- 11	9.4	A 2
3687	26 1510	C 3866	251	14086-7	11 42.51	7071	87	26 31 26.2	171	511	11.6	- 21	- 11	7.40	K o
3688	31 1527	L 3062	249	14078	11 43.35	8627	109	31 51 32.8	171	533	10.7	+ 5	- 22	6.68	B o
3689	30 1473	L 3064	255		12 2.80	8223	104	30 32 26.4	199	527	12.6	- 35	- 10	8.8	K 5
3690	30 1474	L 3066	258		12 8.98	8254	104	30 38 46.7	207	528	13.0	+ 5	- 52	8.8	F 8
3691	24 1598	B 2875	267		7 12 15.66	+3.6424	-0079	24 9 28.3	-6.217	-503	13.1	+ 8	- 33	8.6	
3692	24 1599	C 3872			12 18.19	6566	81	24 41 21.2	220	505	12.9	+ 7	- 3	8.4	A o
3693	31 1529	L 3068		14098-100	12 18.98	8394	108	31 7 4.9	221	529	12.1	+ 1	- 20	5.98	B 9
3694	28 1356	C 3870			12 19.02	7667	96	28 39 4.6	221	520	13.7	- 36	- 50	8.7	F 5
3695	26 1512	C 3873	268	14110-1	12 21.51	7057	87	26 29 40.9	225	511	11.8	+ 4	- 5	7.6	K c
3696	29 1497	C 3871			7 12 21.75	+3.7918	-0100	29 31 5.3	-6.225	-523	13.7	+ 3	- 3	9.4	
3697	27 1354	C 3874	270-1		12 24.17	7282	91	27 18 12.7	228	514	12.7	+ 15	- 36	7.75	K o
3698	24 1600	B 2879	280	14119	12 36.35	6443	80	24 14 21.9	244	503	11.8	0	- 32	8.6	F 5
3699	27 1355	C 3876			12 37.28	7394	93	27 42 24.5	246	515	13.5	- 30	- 9	9.4	
3700	28 1357	C 3877			12 40.46	7699	97	28 46 38.3	250	519	13.1	- 3	- 12	8.7	A 2

3662. Burnham 3905.

3668. Burnham 3912.

3678. Burnham 3926.

3684. Σ 1053.

3687. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.		
												R.A. "0001.	Dec. "001.				
3701	31 1531	L 3070	274	14144	7 12 41.55	+3.8350	-0.0107	30 59 12.8	-6.251	-528	13.4	0	+	1	8.6	A 0	
3702	26 1516	C 3879			12 45.57	7127	89	26 45 33.2	258	512	13.3	-	2	-	21	9.1	
3703	27 1356	C 3880	281-3		12 52.41	7311	93	27 25 9.8	267	514	12.0	+	122	-	139	8.1	G 5
3704	29 1501	C 3881			13 2.30	7814	100	29 11 8.1	281	521	13.1					9.4	
3705	25 1634	C 3885	296		13 5.03	6865	85	25 49 9.8	285	507	14.3	+	8	+	8	9.4	
3706	28 1361	C 3883			7 13 5.34	+3.7517	-0.0096	28 9 17.9	-6.285	-517	14.1	+	63	-	13	9.5	
3707	29 1502	C 3886	293		13 8.33	7779	99	29 4 9.8	289	520	13.8	-	6	-	31	9.4	
3708	29 1503	C 3887			13 11.36	7835	100	29 15 51.8	293	521	13.6	+	32	-	38	9.0	F 2
3709	25 1636	C 3889	298		13 12.47	6853	85	25 45 28.9	294	507	12.5	+	4	-	6	8.7	A 2
3710	29 1505	C 3890	300		13 22.33	7857	100	29 20 51.9	308	521	11.7	+	18	-	31	8.0	K 0
3711	26 1517	C 3891			7 13 22.89	+3.6941	-0.0087	26 6 20.6	-6.309	-508	11.1					8.0	F 0
3712	24 1611	B 2886	307	14147	13 23.84	6447	81	24 16 55.2	311	502	12.6	0	-	41		8.4	A 0
3713	27 1360	C 3893		14153	13 39.93	7232	93	27 9 54.4	333	512	11.7	-	5	-	46	8.6	F 0
3714	27 1362	C 3897	318	14167	13 56.62	7180	91	26 59 15.7	357	512	10.7	+	4	+	1	6.88	K 0
3715	31 1534	L 3076	302	14176	14 29.19	8496	113	31 32 0.3	401	530	10.1	-	4	-	12	8.2	Mb
3716	31 1537	L 3077			7 14 40.91	+3.8327	-0.0110	30 58 58.9	-6.416	-527	11.1	-	6	-	20	9.4	
3717	28 1367	C 3901	332-3	14185	14 45.38	7538	98	28 17 19.2	423	515	10.9	+	13	-	7	7.6	A 2
3718	31 1541	L 3080			14 58.97	8526	114	31 39 3.5	442	529	12.3	-	51	-	37	9.4	Mb
3719	31 1540	L 3081	315		14 59.33	8519	114	31 37 39.8	442	529	11.9	+	30	-	69	8.8	
3720	29 1511	C 3902	343	14196	15 8.07	8001	106	29 54 5.6	455	522	11.5	+	25	-	22	7.11	A 2
3721	25 1641	C 3903			7 15 8.14	+3.6665	-0.0085	25 8 55.7	-6.455	-504	13.4	-	4	-	99	9.4	
3722	31 1542	L 3082	320	14193	15 8.75	8594	115	31 52 48.2	456	530	13.7	-	13	-	30	9.0	
3723	26 1525	C 3906	356-7	14213	15 20.89	7112	91	26 47 31.2	473	509	13.2	+	21	-	28	8.4	K 2
3724	27 1367	C 3905	354-5		15 21.49	7318	96	27 31 53.1	473	512	13.8	+	7	-	56	9.4	F 0
3725	31 1544	L 3086	328		15 28.22	8560	115	31 46 54.9	482	530	13.8	-	6	-	12	9.0	F 2
3726	25 1644	C 3908			7 15 32.08	+3.6848	-0.0089	25 50 12.9	-6.488	-506	13.3	-	5	0		8.6	A 2
3727	24 1627	C 3909			15 37.83	6567	86	24 47 56.4	496	501	13.2	-	1	-	5	9.0	
3728	25 1645	C 3910			15 38.48	6677	87	25 12 39.4	496	504	13.1	+	29	-	1	9.4	A 0
3729	26 1528	C 3911	370	14232	15 42.30	7073	92	26 39 46.8	502	509	12.2	+	24	+	7	8.0	A 0
3730	29 1514	C 3913			15 48.62	7773	104	29 8 40.5	511	518	12.5	+	26	-	5	8.4	K 0
3731	27 1369	C 3916	375-6		7 15 54.09	+3.7230	-0.0096	27 14 14.7	-6.518	-510	12.3	-	44	+	7	8.2	F 5
3732	31 1549	L 3089			15 55.97	8331	112	31 2 32.9	521	526	12.3	+	10	+	5	9.0	A 0
3733	26 1531	C 3918	378	14242	16 0.43	6978	91	26 19 42.1	526	508	13.1	+	2	-	28	7.9	G 0
3734	29 1515	C 3917			16 2.32	7968	106	29 49 18.1	529	520	13.0	+	53	-	12	9.4	
3735	25 1649	C 3919			16 2.80	6725	88	25 24 4.3	530	504	13.2	+	4	-	27	8.6	F
3736	31 1551	L 3091			7 16 3.94	+3.8393	-0.0112	31 15 13.0	-6.532	-527	12.8	-	26	-	29	8.5	K 0
3737	26 1532	C 3920	379	14244	16 8.03	6895	89	26 1 54.0	537	506	13.4	-	9	-	31	8.2	K 2
3738	26 1535	C 3922	384		16 13.21	6918	90	26 6 56.3	544	506	14.1	-	13	+	1	9.0	A 0
3739	25 1651	C 3924			16 17.91	6637	88	25 5 1.6	550	502	13.7	+	3	-	36	9.4	A
3740	30 1488	C 3923			16 22.15	8019	108	30 0 27.7	557	521	11.9	+	21	+	5	8.11	F 5
3741	25 1652	C 3926			7 16 22.20	+3.6768	-0.0089	25 34 10.2	-6.557	-504	13.9	+	33	-	13	9.4	
3742	30 1489	L 3096	387		16 27.36	8148	110	30 27 0.6	564	523	12.9	+	4	-	12	8.1	K 0
3743	31 1553	L 3099	388		16 33.13	8323	113	31 2 19.5	572	525	12.4	-	8	-	23	8.0	F 5
3744	29 1516	C 3927			16 34.85	7932	107	29 43 5.2	575	519	12.5	+	5	+	6	8.5	F 5
3745	30 1490	C 3928	393	14297	16 52.21	8010	109	29 59 51.2	598	520	11.6	-	16	-	106	7.96	K 2
3746	25 1654	C 3929	400		7 17 0.97	+3.6635	-0.0089	25 5 57.2	-6.610	-501	12.9	-	11	-	75	9.4	
3747	28 1373	C 3930			17 10.35	7526	101	28 19 50.3	623	513	13.0	+	40	-	18	9.8	
3748	29 1520	C 3931			17 26.37	7852	107	29 28 39.1	645	518	12.9	+	15	-	55	9.4	
3749	28 1375	C 3935	418-9-20		17 45.30	7677	105	28 53 2.6	671	515	11.7	+	4	-	47	9.0	K 0
3750	25 1657	C 3937			17 49.70	6752	91	25 33 40.8	678	502	12.3	-	1	-	14	9.1	

3718-9. Burnham 3971.

3724, 3729, 3734, 3736, 3741. Number of observations 4.

3743. Number of observations 6.

3748. Burnham 4004.

No.	B.D.	A.G.C.	W.B. (z).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
					h m s	s	s	° ' "	"	"					
3751	27 1371	C 3936	422		7 17 50.12	+3.7146	-0097	27 0 6.9	-6.678	-508	12.9	-9	+5	9.4	A
3752	25 1659	C 3939			17 53.93	6786	93	25 41 20.9	683	503	12.1	-4	0	9.0	B 9
3753	25 1660	C 3940		14310	17 59.36	6659	89	25 13 26.9	691	501	11.9	-51*	-23*	5.08	G 5
3754	26 1542	C 3941	432		18 11.51	6991	94	26 27 18.7	708	506	12.9	-32	+6	9.0	
3755	28 1376	C 3942	429-30-1		18 14.89	7623	105	28 42 48.0	712	514	13.5	-24	-9	9.1	
3756	31 1560	L 3113	426		7 18 17.75	+3.8476	-0119	31 36 55.1	-6.716	-526	14.3	+11	-22	9.0	
3757	28 1377	C 3943	436-8	14317	18 20.38	7411	102	27 58 9.9	719	511	11.7	+5	-22	7.9	K 2
3758	28 1378	C 3944	449-50	14327	18 39.32	7418	102	28 0 20.6	745	512	11.4	-8	-9	9.0	K
3759	31 1563	L 3117	452		18 54.03	8293	117	31 1 53.9	766	523	11.2	-10	-26	8.8	
3760	27 1374	C 3949		14335	18 57.55	7360	102	27 48 45.3	771	510	9.9	+10*	+15*	5.71	F 0
3761	27 1376	C 3950			7 19 6.68	+3.7280	-0101	27 31 50.0	-6.783	-510	12.3	+31	-15	8.8	A 0
3762	28 1381	C 3951	463-4	14349	19 9.79	7428	103	28 3 33.6	788	510	12.5	+13	+7	9.4	
3763	26 1547	C 3952			19 15.35	7077	97	26 48 11.4	795	506	12.5	+3	-4	9.0	
3764	24 1648	C 3953			20 4.31	6546	91	24 52 15.4	862	497	13.2	-20	-9	9.46	A
3765	28 1385	C 3954	482-3	14378-9	20 8.27	7395	104	27 58 39.3	867	509	12.2, 12.8	-86*	-90*	3.89	K 0
3766	25 1669	C 3956	486		7 20 12.19	+3.6624	-0092	25 10 4.7	-6.873	-499	12.9	+15	+3	8.7	A 5
3767	26 1552	C 3955			20 13.39	7068	98	26 48 21.6	874	505	13.7	+7	-7	8.8	
3768	30 1500	C 3957	488		20 32.83	7952	114	29 56 37.1	901	516	12.7	+5	-5	9.4	
3769	30 1501	L 3132			20 38.16	8011	115	30 8 52.1	908	517	13.5	-14	-28	9.0	
3770	30 1502	L 3133			20 40.57	8163	117	30 39 55.4	912	519	13.9	-30	-34	8.7	A 3
3771	26 1554	C 3960	496		7 20 46.80	+3.6878	-0099	26 8 1.0	-6.921	-502	13.0	+17	+12	8.6	Ma
3772	31 1574	L 3134		14391	20 53.77	8500	124	31 47 59.3	930	524	12.7	-4	-10	7.15	G 5
3773	27 1383	C 3962	504		21 2.86	7202	102	27 19 25.0	942	506	13.3	+26	+9	9.4	
3774	32 1550	L 3136		14404	21 10.77	8537	125	31 55 50.6	953	524	13.1	+3	-1	9.0	K 0
3775	27 1385	C 3963	507	14412	21 19.01	7298	104	27 40 41.1	964	508	13.3	+18	-8	9.0	
3776	24 1658	B 2943			7 21 19.95	+3.6449	-0091	24 32 52.2	-6.966	-496	14.3	-23	+21	9.1	
3777	28 1391	C 3967			21 28.04	7446	107	28 12 36.2	977	510	14.5			9.4	
3778	29 1532	C 3968	511		21 29.99	7804	113	29 28 6.5	979	513	13.9	+27	+10	9.0	A 2
3779	24 1659	B 2944	510		21 31.81	6331	90	24 6 28.8	982	494	14.2	-3	-12	8.4	A 2
3780	27 1387	C 3970	525-6	14421	21 42.18	7239	103	27 28 46.0	996	506	12.2	+31	-13	8.2	A 2
3781	30 1505	C 3969			7 21 42.97	+3.7971	-0116	30 3 8.8	-6.997	-515	14.2	+27	-15	9.1	
3782	29 1533	C 3971	528		21 53.01	7807	113	29 29 41.6	7.011	513	12.5	+12	-44	9.0	F 8
3783	26 1561	C 3973			22 4.88	6823	98	25 58 41.0	027	500	14.0	-1	+17	9.4	
3784	27 1389	C 3974	539-40	14431	22 14.58	7232	104	27 28 36.8	041	506	11.5	-46	-106	8.1	K 0
3785	31 1581	L 3138			22 17.53	8451	125	31 41 42.4	045	521	13.7	+19	-25	9.1	
3786	30 1508	L 3140			7 22 22.09	+3.8097	-0119	30 30 30.1	-7.049	-517	12.9	-8	-148	8.8	G 5
3787	26 1564	C 3976	544	14444	22 28.98	6937	101	26 24 34.9	060	502	11.6	+9	+4	7.15	A 2
3788	29 1535	C 3977	543	14438	22 32.27	7832	115	29 36 27.6	064	512	12.6	+12	-43	7.41	A 5
3789	24 1663	B 2954	549		22 33.37	6337	91	24 10 3.4	066	493	13.2	-13	-17	8.6	A 0
3790	25 1677	C 3978			22 34.00	6613	95	25 12 38.8	067	496	13.1	-11	-47	8.2	F 0
3791	27 1394	C 3979	559-60		7 23 1.44	+3.7093	-0103	27 0 9.6	-7.103	-503	13.3	+5	-4	9.1	K
3792	27 1395	C 3980	561-2	14464	23 4.56	7295	107	27 44 8.6	109	506	12.3	+10	+20	6.62	K 0
3793	24 1665	C 3981		14481	23 12.40	6507	95	24 50 2.0	119	495	12.5	+14	-91	7.41	F 8
3794	24 1667	B 2962			23 16.06	6408	93	24 27 51.0	124	493	12.9	+1	-5	9.4	K 0
3795	32 1562	L 3150	564	14463	23 19.46	8519	129	31 57 51.0	128	522	11.6	+117*	+183*	4.18	F 0
3796	26 1566	C 3983	573-4		7 23 20.91	+3.7035	-0103	26 48 12.1	-7.131	-502	14.1	+73	-87	9.1	G 5
3797	31 1589	L 3151			23 24.28	8476	127	31 49 34.4	135	521	13.8	-24	+16	9.4	
3798	25 1683	C 3984			23 25.27	6669	97	25 27 11.1	136	497	12.8	+49	-36	8.5	G 5
3799	31 1591	L 3154			23 28.42	8287	124	31 11 47.3	140	518	13.7	+8	-107	9.0	G
3800	28 1396	C 3985	584	14494 6	23 44.11	7447	110	28 18 15.4	162	507	12.27	-24*	-59*	5.04	A 2

3763. Burnham 4021.

3765. Number of observations 56 and 57.

3772. Burnham 4043.

3793. Burnham 4070.

3795. Number of observations 24.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^s .0001.	Dec. ^s .001.		
3801	24 1673	B 2970			h m s	s	s	° ' "	"	"	13.6	+ 13	- 10	8.6	
3802	27 1397	C 3986			23 58.52	7113	105	27 6 49.5	183	502	11.3	- 9	- 6	8.4	K 2
3803	28 1400	C 3988	591-3	14513-4	24 12.95	7385	110	28 6 8.8	202	506	11.5	- 21*	- 40*	5.09	K 0
3804	31 1597	L 3159			24 40.10	8349	127	31 27 26.5	238	518	12.3	- 22	- 23	9.4	
3805	31 1598	L 3160	602		24 40.78	8312	127	31 19 57.3	240	517	12.3	- 4	- 18	8.0	G 5
3806	29 1540	C 3992	607		7 24 43.12	+3.7741	-0.0117	29 22 43.6	- 7.242	-510	11.5	+ 8	- 19	8.0	G 5
3807	29 1539	C 3991			24 43.25	7796	118	29 34 20.3	242	510	11.7	+ 4	- 211	9.4	
3808	31 1599	L 3161			24 44.63	8426	128	31 42 58.6	245	519	13.0	- 23	- 23	8.8	A 0
3809	25 1689	C 3994	615		24 54.40	6703	100	25 38 9.0	257	497	12.1	+ 18	- 2	8.4	K 2
3810	31 1601	L 3163			24 58.97	8432	130	31 44 47.5	264	519	12.7	- 10	- 9	9.4	
3811	26 1573	C 3996	619		7 24 59.72	+3.6790	-0.0101	25 57 51.0	- 7.265	-497	12.7	+ 23	- 22	8.8	
3812	28 1405	C 3997	616-8	14543-4	25 3.95	7374	113	28 5 50.7	271	505	13.8	+ 42	- 20	8.0	F 5
3813	30 1519	L 3165	620		25 12.22	8136	125	30 45 44.0	282	515	14.1	- 4	- 20	8.5	A 0
3814	29 1541	C 3999	626		25 18.46	7726	118	29 20 59.5	290	509	13.1	+ 12	- 27	9.4	
3815	30 1520	L 3166	624		25 18.95	8132	125	30 45 13.2	291	515	10.9	- 66	- 114	8.6	F 5
3816	29 1543	C 4001	629		7 25 25.21	+3.7616	-0.0116	28 58 8.5	- 7.299	-508	11.7	- 13	- 17	8.6	F 5
3817	25 1690	C 4003			25 27.26	6644	100	25 25 45.9	302	495	14.4	+ 3	- 18	9.0	
3818	25 1691	C 4005			25 29.83	6622	99	25 21 16.8	306	493	13.1	- 2	+ 8	8.7	
3819	28 1408	C 4006	634-6		25 33.23	7395	112	28 11 25.3	310	505	13.4	- 13	- 14	9.5	
3820	29 1544	C 4007	637		25 38.50	7737	118	29 24 19.5	318	509	11.7	+ 12	- 44	8.2	G 5
3821	27 1403	C 4009	647-8	14571	7 25 50.27	+3.7286	-0.0111	27 48 42.0	- 7.333	-502	9.6	+ 5	- 9	8.1	F 8
3822	24 1681	B 2987	654		25 54.08	6279	95	24 3 55.2	339	489	11.0	+ 31	+ 15	9.0	
3823	29 1546	C 4010	653		26 3.24	7625	117	29 1 36.8	351	507	13.1	+ 9	- 37	8.8	G 5
3824	26 1579	C 4012			26 6.57	6964	107	26 39 5.8	356	498	13.6	+ 9	- 9	9.4	
3825	26 1580	C 4015	656		26 10.88	6782	103	25 58 47.0	362	496	13.5	0	+ 15	8.6	K 0
3826	24 1683	B 2989	661	14585	7 26 12.87	+3.6308	-0.0096	24 11 22.8	- 7.364	-490	12.7	- 2	- 11	8.0	K 0
3827	31 1603	L 3169			26 18.84	8228	128	31 7 11.0	373	515	14.3	+ 14	- 17	9.0	
3828	24 1685	C 4016		14589	26 20.97	6447	98	24 43 30.9	375	491	14.3	+ 34	- 13	9.4	
3829	24 1686	C 4017		14596	26 27.04	6438	98	24 41 37.3	383	491	11.7	- 2	- 2	8.2	R 8
3830	31 1606	L 3171		14584	26 31.91	8276	129	31 17 35.3	390	515	11.9	+ 7	- 31	8.4	K 0
3831	27 1405	C 4018	664-5		7 26 32.62	+3.7138	-0.0109	27 18 18.5	- 7.392	-500	13.9	- 5	- 12	9.1	F 5
3832	24 1687	B 2996	672		26 35.86	6295	96	24 9 7.8	396	489	11.3	+ 5	+ 23	8.2	K 2
3833	27 1406	C 4019	668-9	14597	26 39.31	7141	109	27 19 3.2	400	500	12.1	- 28	- 93	8.0	K 0
3834	31 1608	L 3174			27 7.45	8323	131	31 28 31.7	438	516	12.7	+ 2	- 24	8.6	F 5
3835	26 1584	C 4023			27 9.04	6876	106	26 21 58.2	440	496	12.9	+ 7	+ 4	9.0	
3836	26 1585	C 4025			7 27 11.24	+3.6790	-0.0104	26 2 48.6	- 7.443	-494	13.1	+ 43	+ 20	9.4	
3837	27 1409	C 4024		14624	27 12.53	7279	112	27 50 34.1	446	501	12.7	+ 3	- 2	8.6	A 2
3838	26 1587	C 4030	695-7-8		27 25.71	6960	109	26 41 17.5	463	497	13.1	+ 11	- 14	8.8	G 5
3839	27 1411	C 4031		14639	27 34.17	7215	113	27 37 35.8	474	500	13.4	- 17	- 2	9.0	A 0
3840	26 1588	C 4033	706		27 41.43	6854	107	26 18 24.7	484	494	11.1	- 8	+ 9	7.8	A 2
3841	26 1589	C 4034	708-9-10		7 27 45.08	+3.6947	-0.0108	26 39 10.5	- 7.489	-496	12.0	- 1	+ 11	8.4	
3842	31 1611	L 3180			27 47.55	8437	134	31 53 19.2	493	517	13.1	+ 5	- 56	8.8	
3843	30 1525	L 3181		14643	27 49.39	8120	129	30 49 15.5	495	512	11.9	- 13	+ 1	7.46	K 0
3844	26 1590	C 4035			27 49.65	6750	105	25 55 21.7	496	494	14.0	+ 26	- 4	8.8	
3845	31 1612	L 3182			27 51.27	8188	130	31 3 8.7	497	513	13.1	+ 3	+ 9	7.8	
3846	26 1591	C 4036	721		7 28 6.05	+3.6820	-0.0107	26 11 43.3	- 7.517	-495	13.3	+ 8	- 9	9.4	
3847	25 1704	C 4037	723		28 13.09	6658	103	25 35 40.4	527	492	12.3	- 19	+ 1	8.8	
3848	30 1527	L 3184	722-4		28 25.12	8041	129	30 34 34.6	543	511	12.9	- 2	+ 5	9.4	A 3
3849	25 1706	C 4040	733		28 35.59	6516	102	25 4 27.6	558	489	13.3	- 25	- 8	9.4	
3850	31 1615	L 3186	729		28 37.71	8288	133	31 25 37.0	561	514	11.3	- 44	- 15	8.6	

3801, 3812. Number of observations 6.

3803. Burnham 4083.

3809, 3819, 3838. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (z).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
3851	24 1698	B 3010			h m s	s	s	° ' "	"	"					
3852	28 1415	C 4041	738		7 28 38.56	+3.6310	-00099	24 17 12.2	-7.562	-487	13.4	-6	-20	9.4	
3853	28 1416	C 4042		14688	28 51.48	7472	118	28 36 21.7	578	502	11.9	+2	+3	7.7	B 9
3854	29 1553	C 4044			28 54.15	7549	119	28 52 54.6	582	504	12.4	+17	-20	6.74	G 5
3855	31 1618	L 3191			28 56.59	7561	120	28 55 41.1	586	504	12.1	-4	-1	8.8	
3856	28 1417	C 4046	745		28 57.36	8249	133	31 18 37.1	587	513	13.7	-1	-17	9.4	
3857	24 1703	B 3016	748		7 29 3.54	+3.7496	-0118	28 41 55.4	-7.596	-503	12.7	+10	-40	7.7	K 2
3858	25 1708	C 4048	752		29 6.39	6246	98	24 3 22.1	599	486	12.9	+21	+3	9.8	F 2
3859	28 1418	C 4049	750	14705	29 11.44	6497	103	25 1 22.3	605	489	13.6	+22	-9	9.4	
3860	26 1597	C 4050			29 19.21	7426	118	28 27 37.5	616	502	12.1	+29	-24	7.8	A 0
3861	25 1709	C 4051	755	14707	29 19.58	6949	110	26 43 35.4	617	495	14.0	+26	-49	9.4	
3862	31 1620	L 3193	751		7 29 21.22	+3.6531	-0104	25 9 32.0	-7.619	-490	13.4	+99	-352	8.0	G 0
3863	24 1705	B 3019	762		29 25.69	8198	133	31 9 26.0	626	512	12.7	-25*	-1*	5.34	K 0
3864	24 1706	B 3020	762		29 32.61	6346	101	24 27 43.8	635	486	11.9	-12	-15	7.91	Ma
3865	30 1530	L 3194	759		29 35.61	6259	100	24 7 39.3	639	485	13.3	-2	+41	8.0	F 5
3866	28 1419	C 4053	763-4	14714	29 43.61	7982	130	30 26 0.2	650	509	12.9	+7	-31	8.6	G 0
3867	25 1711	C 4054		14714	7 29 46.82	+3.7522	-0120	28 49 28.7	-7.654	-502	11.5	-5	+12	7.02	A 3
3868	26 1601	C 4055	767	14719	29 47.06	6686	106	25 45 44.6	654	491	13.1	-4	+35	8.6	
3869	26 1603	C 4056	772		29 49.00	6964	111	26 47 57.2	657	494	13.5	+13	-11	8.5	K 0
3870	31 1623	L 3196		14725	29 57.67	6957	111	26 47 10.9	669	494	12.3	+27	-19	9.4	
3871	31 1624	L 3197	773		30 11.03	8114	133	30 54 23.3	686	510	12.8	+17	-24	8.7	G 5
3872	27 1424	C 4059	780-1	14744	7 30 12.41	+3.8336	-0137	31 39 34.5	-7.688	-513	11.6	+18	+20	8.2	
3873	25 1713	C 4060			30 22.70	7037	113	27 5 47.6	702	495	10.8	-20*	-116*	4.22	K 5
3874	24 1712	B 3026	794		30 27.00	6505	104	25 6 18.4	708	488	12.9	-5	-3	8.2	K 0
3875	28 1420	C 4061	784		30 27.25	6271	100	24 12 23.6	708	486	12.1	+3	-12	9.0	
3876	26 1605	C 4062			30 30.65	7515	121	28 49 44.3	713	502	14.1	-1	-38	9.4	G
3877	31 1627	L 3200	785-6		7 30 38.92	+3.6853	-0110	26 25 25.6	-7.724	-493	14.2	+8	-27	9.1	
3878	31 1628	L 3201			30 39.75	8390	138	31 51 50.4	725	513	11.9	+10	-16	8.6	
3879	26 1607	C 4063			30 43.33	8224	135	31 18 32.2	729	511	13.4	-30	-33	9.1	
3880	27 1426	C 4066	802-4		30 51.70	6758	108	26 4 34.5	741	491	13.5	+16	-8	9.1	
3881	30 1533	C 4065			30 57.10	7018	114	27 2 57.8	748	494	12.9	+9	-31	9.4	
3882	30 1535	L 3205			7 30 59.10	+3.7835	-0129	29 58 51.8	-7.751	-505	11.5	+2	-39	8.21	F 2
3883	25 1716	C 4069			31 24.44	7897	130	30 12 56.5	784	506	13.9	+11	-39	8.6	F 0
3884	26 1610	C 4070	819		31 27.69	6524	106	25 13 4.0	790	488	11.5	-15	-57	8.6	F 0
3885	27 1428	C 4071			31 29.65	6719	110	25 56 13.0	792	490	13.8	+33	-58	9.4	
3886	26 1611	C 4072	826		31 32.23	7206	118	27 45 37.9	795	496	13.6	+1	-17	9.4	
3887	24 1718	B 3030	827		7 31 36.36	+3.6744	-0109	26 3 17.2	-7.801	-490	14.2	+6	-16	9.4	
3888	29 1562	C 4074	824		31 36.61	6229	101	24 5 23.6	802	483	12.3	+8	-6	8.4	K 0
3889	31 1633	L 3206	823	14781	31 42.65	7661	127	29 24 11.7	810	502	12.7	-9	-7	9.0	A 0
3890	28 1426	C 4078	841-2		31 46.46	8360	140	31 48 55.6	814	511	10.8	-16	-33	7.60	B 9
3891	24 1725	B 3040			32 12.19	7247	119	27 56 27.9	849	497	9.9	-1	-11	8.2	A 0
3892	31 1634	L 3212	852		7 32 31.50	+3.6207	-0101	24 2 19.3	-7.875	-482	10.7	-23	-34	8.2	G 5
3893	31 1635	L 3214	853	14815	32 37.14	8081	135	30 53 57.2	882	507	10.3	+11	-6	8.4	G 5
3894	24 1727	B 3041	864-5	14838	32 40.41	8264	139	31 31 58.8	886	509	11.4	-4	-74	8.1	K 0
3895	28 1427	C 4080	857		32 47.65	6339	104	24 33 46.0	897	484	9.8	+6	+8	6.32	F 0
3896	25 1725	C 4086	870		32 51.18	7400	124	28 31 15.0	901	498	12.1	+12	-22	9.4	F 5
3897	28 1428	C 4084	863		7 32 54.23	+3.6423	-0106	24 53 28.3	-7.905	-485	12.8	-8	-18	9.5	
3898	27 1430	C 4085	866		32 55.87	7396	123	28 30 47.2	908	498	12.3	+9	-33	8.8	
3899	25 1727	C 4087	871		32 55.95	6979	115	26 59 25.6	908	493	12.3	-27	+10	8.8	K 0
3900	29 1568	C 4092			32 58.03	6524	107	25 16 46.1	910	486	12.7	-8	-7	9.1	
					33 37.91	7519	127	28 58 59.8	964	499	13.5	-31	-75	9.4	

3853, 3863, 3866, 3870, 3871, 3874, 3877, 3880, 3884, 3885. Number of observations 4.
3863. Burnham 4133.

3872. Number of observations 22.

3862. Burnham 4130.
3886. Number of observations 7.

No	B.D.	A.G.C.	W.B. (z).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. ".001.		
3901	24 1729	B 3050	891	14870	7 33 39.21	+3.6319	-.0105	24 31 6.8	- 7.065	-.482	11.1	- 14	+ 1	9.4	A 0
3902	24 1730	B 3051	897	14876	33 45.79	6294	105	24 25 38.1	975	482	8.6	- 6	- 20	6.04	
3903	27 1438	C 4094	896		33 50.75	7061	119	27 19 54.8	981	491	12.5	+ 35	+ 3	9.1	
3904	29 1570	C 4095	895		33 53.78	7736	131	29 45 55.6	985	505	13.1	- 28	- 46	9.4	
3905	28 1432	C 4096	898		33 55.08	7255	122	28 2 42.6	987	494	12.9	- 24	- 10	9.4	
3906	30 1541	L 3222		14890	7 34 18.50	+3.7827	-.0134	30 6 18.0	- 8.019	-.501	12.3	+ 3	0	8.8	G 5
3907	27 1440	C 4100			34 21.20	6946	117	26 55 45.2	021	490	12.8	+ 44	- 105	8.6	
3908	30 1542	L 3223			34 32.23	7835	135	30 8 43.4	036	502	13.1			9.1	K 0
3909	27 1443	C 4103	914		34 36.55	7103	120	27 31 21.1	043	492	11.7	+ 39	- 15	8.6	
3910	30 1543	L 3224			34 40.21	7887	136	30 19 56.5	047	502	13.5	+ 14	+ 3	9.4	
3911	29 1575	C 4104	917-9		7 34 45.47	+3.7517	-.0127	29 1 51.9	- 8.053	-.498	12.8	- 7	- 79	9.1	F 5
3912	26 1624	C 4105	922		34 49.15	6842	115	26 33 33.1	059	489	13.9	+ 6	- 16	9.4	
3913	28 1435	C 4106	924		34 56.40	7211	123	27 56 1.1	068	493	13.5	- 12	- 22	9.0	
3914	29 1578	C 4109	928-30		35 4.20	7516	128	29 2 20.0	079	498	13.3	+ 27	- 17	9.0	
3915	28 1438	C 4112			35 14.90	7268	125	28 9 12.5	093	494	12.1	- 2	+ 15	8.8	
3916		C 4113			7 35 23.95	+3.7398	-.0127	28 37 59.3	- 8.105	-.495	14.2			9.4	F 8
3917	28 1440	C 4114			35 24.01	7388	127	28 35 47.2	105	495	13.7	- 38	+ 2	9.4	
3918	27 1446	C 4116	944		35 25.59	7185	122	27 51 29.9	108	492	13.3	+ 39	- 3	9.1	
3919	25 1738	C 4117	953		35 35.55	6468	111	25 10 27.8	121	482	9.4	- 19	- 66	8.0	
3920	30 1546	L 3230	949		35 37.17	7998	140	30 45 51.0	123	502	11.5	+ 4	- 28	9.0	
3921	27 1449	C 4118	952		7 35 39.98	+3.7155	-.0123	27 45 33.5	- 8.127	-.491	12.4	+ 14	- 15	9.4	K 2
3922	26 1625	C 4119			35 47.59	6708	115	26 5 53.1	137	486	11.1	- 14	- 24	8.6	
3923	24 1740	B 3074		14932	36 34.83	6221	107	24 15 40.6	200	478	9.0	+ 7	- 27	8.2	
3924	30 1549	L 3235	983		36 39.10	7873	138	30 22 43.7	205	500	8.1	- 9	+ 1	7.11	
3925	31 1644	L 3237			36 43.68	8173	144	31 25 17.3	212	504	11.8	+ 14	- 45	9.1	
3926	31 1645	L 3238			7 36 48.30	+3.8180	-.0145	31 26 56.0	- 8.217	-.504	10.7	- 14	- 20	9.4	A 5
3927	30 1550	L 3239			36 48.36	7985	142	30 46 34.1	217	501	12.5	- 3	+ 21	9.0	
3928	30 1551	L 3242			36 53.17	7967	141	30 43 15.2	224	501	12.8	- 25	+ 5	9.1	
3929	27 1454	C 4125			36 55.46	6990	121	27 12 24.2	227	489	11.7	- 8	- 7	8.8	
3930	29 1587	C 4126	995-7-8		37 3.36	7491	131	29 2 44.9	237	495	9.9	+ 9	- 25	8.1	
3931	30 1553	C 4127			7 37 16.07	+3.7770	-.0137	30 2 49.0	- 8.255	-.499	12.3	+ 24	- 24	9.21	F 5
3932	26 1630	C 4128	1005		37 19.02	6715	117	26 11 26.8	259	485	12.9	- 23	- 114	9.4	
3933	24 1746	B 3078			37 23.12	6234	108	24 20 36.2	264	477	11.5	+ 28	- 15	9.4	
3934	31 1649	L 3245	1004		37 24.45	8173	146	31 27 22.2	265	503	11.9	+ 11	- 11	8.8	
3935	29 1589	C 4130			37 30.38	7469	132	28 59 14.6	273	494	12.5			9.4	
3936	29 1590	C 4132	1015	14962	7 37 41.33	+3.7498	-.0132	29 6 7.2	- 8.288	-.494	10.4	+ 53*	- 237*	4.26	K 0
3937	30 1557	L 3249			37 42.33	7895	141	30 30 29.2	289	499	9.7	+ 7	- 5	8.8	
3938	28 1453	C 4134			37 46.32	7345	129	28 32 59.4	294	492	11.5	+ 14	+ 1	9.0	G 5
3939	26 1631	C 4136			37 57.78	6871	120	26 48 30.3	310	486	11.3	- 4	+ 10	8.6	
3940	24 1750	B 3086	1026		38 4.61	6147	107	24 2 2.9	320	475	12.7	- 9	- 2	9.0	A
3941	29 1593	C 4140	1028		7 38 20.89	+3.7634	-.0136	29 37 12.8	- 8.341	-.495	12.4	+ 1	- 25	9.0	A 5
3942	24 1755	B 3090		14990	38 32.33	6251	110	24 27 30.2	355	477	9.2	- 24*	- 26*	6.84	
3943	24 1756	C 4142			38 34.79	6304	111	24 40 10.1	359	478	14.0			9.4	
3944	27 1460	C 4141			38 36.96	7009	124	27 21 26.0	362	487	13.1	- 36	- 90	9.1	
3945	26 1633	C 4143	1041	14991	38 37.62	6649	117	25 59 57.0	363	482	10.3	- 15*	- 27*	5.40	
3946	31 1660	L 3253	1042		7 38 55.70	+3.8114	-.0147	31 19 45.9	- 8.387	-.500	8.9	- 1	- 20	7.7	A 5
3947	24 1759	B 3095	1049	15000-1-4	39 0.94	6285	112	24 36 52.3	394	477	12.9	- 16*	- 62*	3.68	
3948	27 1464	C 4147	1046		39 1.73	7095	126	27 41 46.1	395	487	11.0	- 32	- 1	8.5	K 0
3949	24 1763	B 3100	1062	15021	39 30.19	6260	112	24 32 12.5	432	475	10.1	+ 16	- 10	8.7	
3950	28 1463	C 4150	1071-2	15028-30-1-2	39 48.56	7234	130	28 14 39.4	457	488	11.67	- 471*	- 58*	1.21	K 0

3907. Burnham 4183.
3946. Burnham 4224.

3923, 3928. Number of observations 4.
3947. Burnham 4226. Number of observations 28.

3936. Number of observations 6.
3950. Burnham 4233. Number of observations 120.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
3951	28 1464	C 4151			7 40 0.67	+3.7373	-0.133	28 45 40.3	- 8.473	-490	12.8	+ 18	- 15	9.4	
3952	26 1638	C 4152	1076		40 2.37	6686	121	26 12 22.2	475	481	10.7	- 9	- 27	8.2	K 0
3953	31 1662	L 3259			40 3.97	8231	151	31 47 30.1	477	501	13.5	- 12	- 24	9.4	A 0
3954	25 1751	C 4153			40 4.80	6360	114	24 57 11.6	478	477	14.0	+ 4	- 83	9.0	
3955	29 1597	C 4154	1077-8		40 9.49	7428	135	28 58 4.6	484	491	12.9	+ 1	+ .2	9.4	
3956	26 1640	C 4155			7 40 20.59	+3.6834	-0.124	26 46 57.0	- 8.500	-483	14.0	- 3	- 16	9.0	
3957	27 1470	C 4156	1089		40 21.67	6877	125	26 56 37.9	501	484	11.2	- 6	- 2	8.0	B 8
3958	24 1766	B 3113	1104		41 13.11	6117	110	24 3 7.4	568	471	9.8	- 2	- 15	8.7	
3959	26 1645	C 4160	1100		41 15.03	6677	122	26 13 40.8	571	479	10.7	+ 47	+ 17	9.8	
3960	26 1647	C 4161	1109		41 29.01	6679	123	26 14 44.2	589	479	10.4	- 26	- 23	8.8	G
3961	29 1606	C 4162	1111		7 41 41.95	+3.7641	-0.141	29 48 44.6	- 8.606	-492	11.7	+ 2	+ 4	9.31	F 2
3962	25 1759	C 4163			41 42.70	6376	112	25 5 22.8	607	475	12.3	+ 20	- 12	9.4	
3963	32 1621	L 3269			41 44.36	8255	155	31 57 42.0	609	500	11.9	+ 20	- 5	9.0	
3964	30 1566	L 3270	1112		41 45.85	7783	145	30 19 6.8	611	493	9.4	+ 12	- 7	8.1	G 5
3965	25 1762	C 4166			42 1.73	6349	116	24 59 52.5	633	474	12.4	+ 39	- 25	9.4	
3966	25 1763	C 4169			7 42 6.54	+3.6526	-0.115	25 41 25.9	- 8.639	-477	11.7	- 34	- 39	9.0	A 0
3967	29 1613	C 4172			42 21.20	7510	140	29 22 57.3	658	490	11.3	- 19	- 21	8.7	
3968	29 1614	C 4173	1131-2	15109-10	42 22.68	7375	137	28 53 21.5	660	488	9.4	- 18	- 2	7.65	G 5
3969	25 1764	C 4175			42 31.72	6431	115	25 20 25.2	672	474	11.5	+ 4	+ 7	9.4	
3970	26 1652	C 4177			42 47.18	6649	124	26 11 34.8	692	478	11.9	- 20	- 20	9.4	
3971	29 1615	C 4178	1141-2	15126-7	7 42 52.75	+3.7395	-0.139	28 59 14.2	- 8.700	-487	8.5	+ 16	- 17	6.93	G 5
3972	31 1668	L 3276	1146	15129	43 3.08	7995	152	31 8 3.2	713	495	12.3	- 8	- 22	8.6	F 0
3973	29 1616	C 4179			43 10.52	7434	140	29 8 33.6	723	488	13.7	+ 52	+ 2	8.7	
3974	24 1775	B 3126			43 16.30	6159	113	24 18 29.1	730	470	14.2	- 21	- 50	8.83	F 8
3975	28 1474	C 4183	1155-6-7	15144-5	43 25.27	7336	138	28 47 54.5	742	486	12.7	+ 16	- 9	8.0	F 0
3976	28 1476	C 4185	1166-8-9	15157	7 43 40.44	+3.7307	-0.138	28 42 18.6	- 8.761	-485	11.7	- 11	- 2	8.2	F 0
3977	31 1672	L 3281			43 43.28	7930	152	30 56 35.7	765	493	12.3	- 16	- 30	8.7	B 9
3978	24 1777	C 4189		15169-72	43 53.84	6254	116	24 42 50.5	780	471	10.2	- 100	- 20	7.06	F 5
3979	27 1485	C 4188	1172		43 54.63	6840	129	26 58 32.8	781	479	12.1	+ 36	- 53	8.7	
3980	25 1768	C 4191			44 3.67	6407	119	25 19 3.6	793	473	12.7	- 4	- 10	8.6	K 0
3981	26 1655	C 4192	1176		7 44 7.28	+3.6724	-0.127	26 32 42.5	- 8.797	-478	13.1	- 4	- 63	9.4	
3982	24 1779	B 3135	1180	15183-7	44 10.79	6196	115	24 29 41.3	802	470	12.4	- 5	- 2	8.09	K 0
3983	28 1480	C 4193			44 12.64	7264	138	28 34 34.1	805	485	11.8	+ 20	- 31	9.4	
3984	26 1656	C 4194	1183		44 18.08	6707	126	26 29 23.1	811	477	12.3	- 3	- 7	6.82	G 5
3985	30 1574	L 3283			44 18.47	7700	147	30 9 41.4	811	490	12.6	+ 16	+ 11	8.4	K 2
3986	28 1482	C 4197	1181-4	15184-6	7 44 22.61	+3.7221	-0.137	28 25 30.1	- 8.818	-484	11.3	- 9	- 15	6.65	A 2
3987	27 1490	C 4198	1185-7		44 22.73	6996	132	27 35 21.6	818	481	11.7	- 3	- 13	7.7	G 0
3988	26 1658	C 4199			44 29.43	6776	128	26 45 49.9	826	477	12.7	+ 19	- 31	9.4	
3989	29 1622	C 4202	1191	15193-4	44 42.22	7362	141	28 57 31.2	843	485	9.7	+ 34	- 40	7.9	G 5
3990	29 1623	C 4203	1192		44 47.71	7605	145	29 50 47.7	850	488	13.1	+ 52	+ 3	9.8	
3991	24 1783	C 4204	1197		7 44 53.89	+3.6253	-0.118	24 45 22.8	- 8.858	-470	11.9	- 13	+ 122	8.8	
3992	30 1576	L 3288			44 55.64	7892	152	30 52 22.5	861	492	12.9	+ 7	- 32	9.4	
3993	30 1579	C 4205			45 1.95	7616	145	29 53 44.5	869	489	14.0	- 11	+ 2	9.4	
3994	24 1785	B 3139	1206	15218-38	45 14.85	6156	116	24 23 18.8	886	468	11.2	- 16	- 8	7.07	F 0
3995	31 1676	L 3293	1200	15204	45 17.40	8164	159	31 50 32.4	889	494	13.7	- 14	- 42	6.85	A 5
3996	24 1786	B 3141	1209	15221	7 45 20.78	+3.6060	-0.114	24 0 43.4	- 8.894	-467	12.4	- 7	- 31	8.43	F 2
3997	30 1581	L 3294			45 21.99	7777	150	30 29 24.1	895	489	12.5	+ 2	- 3	7.6	G 5
3998	31 1677	L 3295	1204	15206	45 23.42	8163	159	31 50 41.8	896	494	13.0	- 13	- 57	8.1	A 5
3999	25 1773	C 4206	1210		45 30.73	6394	122	25 20 18.4	907	471	13.5	- 11	+ 9	8.2	F 5
4000	28 1488	C 4207			45 39.94	7105	136	28 3 35.4	918	481	12.9	- 8	- 7	8.8	

3952. Burnham 4234.
3975. Σ 1144.

3966. Burnham 4252.
3981. Number of observations 6.

3968. Burnham 4255.
3983. Number of observations 4.

3971. Burnham 4258. Number of observations 6.
3991. Σ 1147.

3973. Number of observations 7.
3995, 3998. Burnham 4286.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	s	° ' "	"	"					
4001	26 1661	C 4208	1216-8	15231	7 45 43.44	+3.6714	-0.129	26 35 12.1	-8.923	-476	12.9	+ 40	- 21	8.8	K 2
4002	29 1624	C 4209		15229	45 49.97	7466	145	29 23 47.9	931	485	11.3	- 6	- 10	6.90	G 5
4003	30 1583	L 3300	1214		45 50.28	7846	152	30 45 32.9	931	489	12.4	+ 10	- 2	8.0	B 9
4004	29 1628	C 4212			46 17.08	7463	145	29 24 35.4	967	485	11.5	+ 26	- 20	8.2	G 5
4005	25 1778	C 4214	1232		46 21.57	6311	121	25 3 4.9	973	469	10.7	- 7	- 28	8.0	G 5
4006	25 1779	C 4215	1233		7 46 22.30	+3.6320	-0.121	25 5 22.4	-8.973	-469	12.1	+ 91	- 101	9.4	
4007	30 1589	L 3306	1240		46 52.76	7663	151	30 9 53.8	9.013	486	9.5	+ 16	- 26	8.1	A 0
4008	30 1590	C 4220	1250		47 7.45	7601	149	29 57 25.8	032	486	12.7	- 9	- 23	9.16	K
4009	27 1497	C 4221			47 8.12	6946	135	27 32 14.9	033	477	12.5	+ 58	- 47	9.1	
4010	30 1591	L 3310			47 13.10	7721	152	30 23 54.7	041	487	13.2	- 10	- 19	9.0	
4011	26 1665	C 4222	1258		7 47 18.47	+3.6583	-0.127	26 9 41.8	-9.046	-472	13.2	+ 43	- 147	9.0	K 0
4012	28 1494	C 4223	1259		47 22.76	7059	137	27 58 42.8	053	479	13.3	+ 33	+ 3	9.4	
4013	28 1496	C 4226	1264	15301	47 43.19	7100	139	28 8 53.2	079	478	10.6	+ 7	- 20	8.5	F
4014	28 1497	C 4227	1265-6	15305	47 47.41	7136	140	28 17 5.7	084	479	8.7	+ 17	+ 13	6.74	A 0
4015	31 1684	L 3313	1263	15290	47 48.14	7850	156	30 53 0.6	085	488	9.95	+ 566	- 1848	8.2	G 0
4016	25 1783	C 4228			7 47 54.13	+3.6455	-0.126	25 41 27.8	-9.093	-470	12.1	- 108	+ 11	9.4	F 0
4017	27 1499	C 4229	1273-4	15316-7	47 59.44	6792	133	26 59 58.0	100	474	11.5	- 22*	- 37*	4.99	A 2
4018	26 1668	C 4230	1277	15325	48 14.48	6737	132	26 48 8.2	119	473	9.7	+ 63	- 177	8.0	F 8
4019	29 1641	C 4232	1284		48 27.75	7440	147	29 26 47.9	137	482	9.5	+ 27	- 77	8.4	K 0
4020	31 1688	L 3318			48 28.69	7883	158	31 2 46.0	138	488	11.5	- 15	- 10	9.4	
4021	31 1689	L 3320			7 48 43.15	+3.7938	-0.159	31 14 43.0	-9.157	-488	12.7	- 30	- 37	9.4	
4022	31 1690	L 3322			48 53.80	7930	159	31 13 43.8	171	488	11.7	- 9	+ 9	8.7	F 0
4023	29 1644	C 4237	1299		48 54.81	7376	146	29 14 13.3	172	480	12.3	- 8	- 27	8.6	
4024	26 1673	C 4238	1303		48 59.40	6623	131	26 24 7.6	177	471	10.5	+ 15	- 21	8.6	K 2
4025	30 1601	L 3326		15347	49 7.01	7743	156	30 34 36.6	188	486	11.5	- 5	0	7.80	G 5
4026	25 1788	C 4241			7 49 10.31	+3.6377	-0.126	25 26 55.4	-9.192	-467	13.1	- 14	- 17	9.0	
4027	31 1693	L 3329			49 17.06	7864	158	31 1 3.9	201	486	13.3	- 13	0	9.1	
4028	31 1694	L 3330			49 18.00	7885	159	31 5 39.7	202	486	14.3	+ 30	+ 3	9.1	
4029	24 1800	B 3169	1322	15372	49 29.43	6110	121	24 24 18.4	216	463	12.9	+ 5	- 35	8.4	A 5
4030	28 1500	C 4243	1319-20	15368	49 34.42	7200	144	28 37 17.7	223	478	10.9	- 52	- 90	7.23	F 5
4031	27 1501	C 4244	1323		7 49 37.52	+3.6855	-0.136	27 18 56.8	-9.228	-472	11.9	+ 33	+ 2	9.0	G 5
4032	29 1645	C 4246			49 50.94	7406	149	29 23 47.4	245	480	12.0	+ 45	- 92	8.4	G 0
4033	30 1608	L 3331			49 52.25	7796	158	30 48 26.2	246	484	13.1	- 11	- 32	8.6	G 5
4034	28 1501	C 4247	1327		49 58.16	7231	145	28 45 29.0	254	477	13.3	+ 29	- 1	8.8	
4035	30 1609	L 3334		15048	50 2.89	7594	154	30 5 30.4	260	482	13.3	+ 4	+ 16	8.6	A 5
4036	30 1610	L 3335			7 50 3.16	+3.7733	-0.157	30 35 38.4	-9.260	-484	12.9	- 89	- 74	8.5	G 0
4037	24 1802	B 3173		15401	50 6.55	6151	123	24 36 0.6	265	463	13.6	- 4	- 17	8.2	A 2
4038	24 1804	B 3176		15412	50 26.63	6113	122	24 27 57.0	291	462	13.5	- 32	- 15	8.7	F
4039	28 1502	C 4250	1336-40	15407	50 26.76	7003	141	27 55 51.4	291	474	11.9	+ 8	- 39	8.6	A 0
4040	25 1794	C 4252	1346		50 35.98	6221	124	24 54 11.9	303	464	9.5	- 4	+ 10	7.66	K 0
4041	30 1612	L 3338		15410	7 50 37.90	+3.7584	-0.155	30 5 24.0	-9.305	-482	8.7	- 3	+ 1	6.86	K 0
4042	32 1648	L 3339	1342	15409	50 42.23	8101	166	31 56 2.5	311	489	9.9	+ 6	- 24	7.54	F 0
4043	29 1651	C 4254	1344		50 43.75	7331	148	29 10 9.8	313	478	11.1	- 6	+ 12	8.7	F 5
4044	29 1653	C 4259			51 10.22	7433	151	29 34 18.0	347	478	11.1	- 17	- 12	9.4	F 2
4045	26 1684	C 4261		15437	51 19.00	6578	133	26 20 40.5	358	468	9.6	+ 31	- 1	8.2	K 0
4046	29 1654	C 4260	1357		7 51 21.90	+3.7486	-0.153	29 46 32.8	-9.362	-479	11.3	+ 22	+ 10	8.66	G 5
4047	31 1700	L 3342			51 26.89	7929	163	31 22 27.7	369	486	11.7	+ 2	- 7	8.8	A 5
4048	24 1811	C 4264	1383-4		52 8.23	6164	125	24 45 13.4	421	461	11.5	+ 4	+ 8	8.91	A 0
4049	27 1513	C 4263	1373-4	15461	52 9.90	6926	141	27 43 49.3	424	471	9.8	+ 27	- 67	7.7	K 0
4050	30 1620	L 3347	1376	15460	52 16.92	7729	160	30 42 26.6	433	481	11.5	+ 8	- 42	8.8	B 9

4017. Number of observations 29.

4024. Σ 1155.

4025. Number of observations 6.

4033. Number of observations 4.

4040. Σ 1156.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
4051	29 1656	C 4265	1379		h m s	s	s	o ' "	"	"	8.9	- 1	+ 16	8.36	K o
4052	28 1511	C 4267			7 52 17.43	+3.7467	-0.0153	29 45 29.9	- 9.433	-478	11.5	- 15	- 36	9.0	
4053	31 1703	L 3350			52 31.16	7104	147	28 25 35.2	451	473	13.3	+ 2	- 36	9.4	
4054	29 1658	C 4268	1390		52 40.62	7871	164	31 14 25.5	464	483	13.1	+ 27	- 14	9.4	A o
4055	30 1622	L 3351			52 47.06	7380	154	29 28 0.9	471	476	12.5	+ 1	- 12	9.1	
4056	30 1623	L 3352			52 47.68	7704	160	30 38 55.2	472	481	10.9	+ 20	- 22	8.7	
4057	26 1689	C 4270	1401		7 52 52.11	+3.7580	-0.0158	30 12 15.3	- 9.478	-478	11.3	- 35	- 48	9.0	F 8
4058	31 1705	L 3356	1404	15507	53 11.41	6532	135	26 16 1.9	502	466	11.8	+ 5	- 30	8.4	F 5
4059	28 1513	C 4275	1412	15518	53 30.59	7780	163	30 57 49.1	528	479	11.5	+ 8	- 90	8.8	G 5
4060	30 1626	L 3358	1408		53 40.05	7171	149	28 44 26.9	540	472	10.3	- 9	- 14	8.4	G 5
4061	24 1816	B 3198			53 40.68	7702	162	30 41 37.3	541	479	13.3	+ 15	+ 4	9.4	
4062	31 1706	L 3359			7 53 41.48	+3.6096	-0.0125	24 33 31.4	- 9.541	-459	11.4	- 4	- 21	8.6	A o
4063	28 1515	C 4277	1416	15523	53 44.63	7996	168	31 44 48.5	546	483	13.1	+ 16	- 45	9.1	
4064	29 1663	C 4279	1418		53 47.27	6970	145	27 59 14.2	549	470	12.7	+ 43	- 26	9.1	
4065	25 1805	C 4280			53 51.85	7293	153	29 12 29.5	555	474	11.7	+ 15	+ 6	8.6	A 3
4066	30 1628	L 3362			54 1.66	6241	130	25 9 37.1	568	460	13.3	- 3	- 14	9.4	
4067	31 1710	L 3363	1423	15536	7 54 11.93	+3.7596	-0.0161	30 20 29.0	- 9.580	-476	9.8	+ 17	- 8	8.6	K 2
4068	24 1820	B 3205	1431		54 23.07	8011	170	31 50 13.7	595	482	12.1	+ 35	- 66	9.0	
4069	25 1806	C 4282			54 28.84	6027	125	24 19 14.6	602	457	12.7	+ 25	- 25	9.0	
4070	29 1664	C 4285	1434	15565	54 33.10	6261	131	25 16 0.2	607	459	7.98	- 100	- 1179	6.94	G o
4071	25 1810	C 4286	1439		54 57.77	7351	156	29 29 18.2	639	473	9.4	+ 2	- 46	8.0	A o
4072	25 1811	C 4287	1444		7 55 0.44	+3.6259	-0.0131	25 16 51.8	- 9.642	-459	10.5	- 16	- 63	9.1	
4073	26 1696	C 4288			55 8.06	6313	132	25 29 45.5	652	459	11.0	+ 3	- 14	8.8	F o
4074	26 1697	C 4289			55 18.26	6403	132	25 52 22.9	665	460	11.5	+ 3	- 17	9.4	
4075	25 1812	C 4290	1453	15581	55 25.17	6400	132	25 51 52.3	674	460	11.7	+ 10*	- 1*	5.88	K o
4076	29 1667	C 4293	1456	15588	55 29.24	6342	133	25 38 23.3	679	460	10.9	- 1	- 15	8.86	A o
4077	31 1715	L 3370			7 55 50.97	+3.7434	-0.0159	29 50 44.9	- 9.707	-474	13.3	+ 10	- 16	9.4	
4078	24 1826	B 3217	1465	15608	56 2.17	7865	169	31 25 18.5	721	479	10.9	- 5	- 25	7.41	K o
4079	25 1816	C 4296	1473	15611-3	56 7.16	5967	126	24 9 41.6	727	454	11.5	- 9*	+ 12*	6.20	A o
4080	29 1668	C 4295	1466-7-8	15607	56 18.17	6255	133	25 20 16.6	742	458	11.0	- 14	- 27	8.2	A o
4081	27 1523	C 4299			56 18.43	7168	152	28 52 58.8	742	470	12.7	+ 8	- 10	9.0	
4082	25 1819	C 4301	1479		7 56 39.32	+3.6707	-0.0143	27 8 21.2	- 9.768	-463	13.5	+ 15	- 5	8.6	
4083	25 1818	C 4302			56 39.93	6223	132	25 13 34.1	769	457	13.3	- 21	+ 13	8.6	
4084	28 1527	C 4300	1476		56 40.30	6308	134	25 34 10.7	769	458	12.6	- 6	- 5	8.6	A o
4085	24 1829	B 3220	1481		56 41.19	7043	151	28 26 2.5	771	467	13.1	+ 8	+ 11	9.0	
4086	27 1524	C 4303	1477	15628	56 41.75	5949	126	24 6 58.1	772	453	12.6	+ 20	- 48	8.2	K o
4087	25 1821	C 4305	1486		7 56 41.95	+3.6642	-0.0141	26 53 16.6	- 9.772	-463	12.9	+ 46	- 5	9.1	
4088	30 1631	C 4307			56 53.94	6194	132	25 7 26.8	787	456	14.1	- 19	- 22	9.4	
4089	25 1825	C 4309	1498	15658	57 7.12	7431	160	29 54 34.1	804	472	12.1	+ 5	- 34	8.6	K o
4090	25 1826	C 4311	1503	15664	57 18.24	6173	131	25 3 40.7	818	456	12.3	+ 23	- 13	8.6	K 5
4091	27 1528	C 4312			57 30.24	6214	133	25 14 7.7	833	456	13.7	+ 7	+ 10	9.1	
4092	28 1529	C 4313	1504-5	15665	7 57 32.60	+3.6839	-0.0147	27 42 3.9	- 9.837	-463	11.4	- 32	+ 8	8.2	F 5
4093	24 1835	C 4316			57 40.44	6962	150	28 10 57.7	846	466	13.4	- 2	- 20	8.81	F o
4094	26 1707	C 4319			57 44.29	6113	131	24 50 29.3	851	455	12.4	- 5	- 40	6.96	A 2
4095	29 1675	C 4321	1513	15673	57 50.41	6532	141	26 31 10.1	858	458	13.2	- 5	- 32	8.8	K o
4096	28 1532	C 4322	1514-5	15676-7	57 58.51	7174	155	29 0 21.4	870	467	10.5	- 15*	- 52*	5.04	K o
4097	31 1719	L 3375	1483		7 57 59.57	+3.6922	-0.0150	28 2 50.3	- 9.871	-464	14.3	+ 33	- 8	9.4	
4098	27 1529	C 4324			58 3.17	7787	171	31 16 3.7	875	475	10.9	- 20	+ 12	8.7	
4099	28 1534	C 4326	1520-1		58 11.34	6797	147	27 34 40.4	885	462	11.5	+ 30	- 39	9.0	
4100	24 1838	C 4329	1530		58 20.62	6916	150	28 2 48.7	898	464	13.5	+ 29	- 52	8.7	
					58 32.97	6104	132	24 50 51.8	913	454					

4058. Number of observations 6. 4075. Number of observations 32. 4079. Number of observations 8. 4094. Burnham 4399. 4096. Number of observations 44.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 0.001.		
	°				h m s	s	s	° ' "	"	"					
4101	28 1537	C 4327			7 58 33.77	+3.7050	-0.0154	28 34 21.4	- 9.914	-465	14.3	- 2	+ 2	9.4	
4102	24 1840	C 4332	1539-40	15707	58 44.86	6080	132	24 45 41.6	928	453	10.2	0	- 17	8.16	Ma
4103	29 1682	C 4331	1536-7		58 47.88	7268	159	29 24 21.6	932	468	12.1	+ 16	- 4	9.0	A 2
4104	28 1541	C 4333	1544	15713	59 12.91	6853	150	27 51 19.0	964	462	11.9	+ 33	- 38	8.8	K 0
4105	24 1843	B 3243	1548	15722	59 19.24	6029	131	24 35 2.2	971	452	12.7	- 33	+ 46	8.06	G 5
4106	27 1532	C 4334			7 59 27.77	+3.6616	-0.0145	26 56 41.0	- 9.983	-459	13.1	- 49	- 6	9.4	
4107	28 1543	C 4335	1549-50-1		59 32.71	7072	156	28 42 42.6	989	464	13.7	+ 1	- 42	9.0	
4108	26 1711	C 4336	1554		59 32.88	6386	140	26 2 15.8	989	455	13.0	- 30	- 33	9.1	K 0
4109	25 1839	C 4338			59 34.24	6209	136	25 19 43.8	991	453	13.7	+ 32	+ 18	9.1	
4110	28 1544	C 4337			59 35.90	7041	156	28 35 49.4	993	464	13.5	+ 29	- 8	9.0	K 5
4111	30 1639	L 3384			7 59 54.49	+3.7510	-0.0168	30 22 25.3	- 10.016	-469	13.3	- 8	+ 1	9.4	
4112	31 1726	L 3385			59 56.30	7838	175	31 34 17.7	018	473	11.3	+ 20	- 18	8.1	K 0
4113	24 1847	B 3251		15749	8 0 4.23	5986	131	24 26 51.5	028	450	13.7	+ 20	- 82	8.6	G 5
4114	27 1536	C 4343	1567-8	15746	0 6.20	6822	150	27 47 13.5	031	460	10.2	+ 7	- 19	6.16	B 9
4115					0 6.23	6822	150	27 47 9.0	031	460	11.7	+ 7	- 19		
4116	26 1713	C 4344	1570		8 0 6.45	+3.6461	-0.0143	26 22 18.7	- 10.031	-456	13.0	+ 11	- 11	8.2	K 0
4117	24 1848	C 4346			0 15.44	6056	133	24 44 42.3	042	450	13.7	+ 51	- 109	9.4	
4118	24 1852	B 3254	1576		0 29.67	5942	130	24 17 33.7	061	449	13.7	- 10	- 52	8.5	F 5
4119	26 1716	C 4349			0 31.56	6512	143	26 35 54.1	063	456	14.1	+ 11	+ 10	9.4	
4120	25 1844	C 4351	1577-8	15764	0 41.18	6298	139	25 45 2.6	075	453	13.5	- 14	+ 12	8.9	K 5
4121	31 1728	L 3390			8 0 43.22	+3.7690	-0.0173	31 5 14.2	- 10.077	-470	13.1	+ 26	- 3	8.7	
4122	26 1717	C 4352			0 45.57	6482	143	26 29 24.2	081	455	13.9	- 53	- 36	9.4	
4123	28 1551	C 4353	1581		0 48.93	6905	153	28 9 6.3	085	461	13.5	- 13	0	9.4	
4124	26 1718	C 4356			1 3.68	6389	144	26 8 9.9	103	453	11.7	+ 6	+ 15	8.7	G 0
4125	25 1846	C 4357			1 4.12	6167	136	25 14 41.9	104	451	14.2	- 29	- 13	9.4	
4126	24 1858	B 3260			8 1 14.10	+3.5960	-0.0132	24 24 21.8	- 10.116	-448	12.2	- 26	- 36	8.7	F 5
4127	29 1688	C 4364		15801	1 42.03	7073	159	28 51 3.4	152	461	11.3	+ 10	- 6	8.6	K 0
4128	31 1734	L 3398		15807	1 57.11	7630	174	30 56 40.7	170	468	11.5	+ 115	- 86	8.5	G 5
4129	31 1735	L 3399		15808	1 59.73	7868	180	31 48 42.6	174	471	10.3	- 8	- 64	7.8	F 8
4130	28 1556	C 4366	1616		2 2.83	6870	154	28 5 18.4	178	458	12.7	+ 3	+ 14	8.7	A
4131	30 1645	L 3400	1618-9	15817-8	8 2 14.26	+3.7558	-0.0172	30 41 57.6	- 10.192	-466	12.6	+ 10	- 130	8.7	G 0
4132	27 1541	C 4367	1622-3		2 14.70	6658	150	27 16 23.7	193	456	11.2	+ 6	+ 11	7.8	A 0
4133	30 1646	L 3402	1626		2 27.21	7575	173	30 46 37.9	208	466	13.5	- 5	- 10	9.2	Mb
4134	28 1558	C 4371			2 27.43	6807	153	27 52 14.5	208	458	14.0	- 1	- 11	9.5	
4135	24 1863	B 3267	1637-8	15839	2 28.48	5913	132	24 16 44.8	209	446	11.9	- 7	- 56	8.5	K 0
4136	25 1853	C 4373			8 2 41.96	+3.6079	-0.0137	24 58 34.2	- 10.227	-448	13.4	0	- 8	8.9	
4137	29 1691	C 4372	1642	15844	2 44.66	7058	160	28 51 30.9	230	460	13.7	+ 5	- 29	9.1	A 3
4138	24 1868	C 4374	1647		2 52.85	6013	133	24 42 54.6	241	446	13.9	- 62	- 21	9.5	
4139	25 1854	C 4376	1646		2 54.36	6282	141	25 48 52.3	242	449	11.7	- 1	- 11	8.2	F 5
4140	29 1693	C 4375			2 57.34	7160	163	29 15 32.8	246	461	13.5	+ 7	+ 13	9.2	
4141	27 1544	C 4377	1655-6	15864	8 3 19.39	+3.6761	-0.0154	27 44 34.4	- 10.273	-456	11.8	- 9*	- 34*	6.79	K 0
4142	30 1650	L 3406	1660	15867	3 32.33	7567	175	30 49 0.5	290	465	11.7	+ 12	- 72	8.7	F 5
4143	27 1546	C 4380	1664		3 34.66	6642	152	27 17 29.9	293	454	12.2	- 4	- 7	8.7	
4144	30 1651	L 3408		15876	3 46.59	7506	174	30 36 20.2	308	464	14.5	+ 13	+ 3	9.0	
4145					3 47.17	7506	174	30 36 35.6	308	464	12.5	+ 13	+ 3	8.5	G 0
4146	25 1860	C 4386	1679	15890	8 4 0.75	+3.6088	-0.0138	25 5 22.9	- 10.325	-446	13.3	- 3	- 28	8.1	G 5
4147	29 1696	C 4384	1675-6	15884	4 1.43	7168	164	29 21 23.6	326	460	13.4	- 2	- 14	6.56	G 0
4148	28 1562	C 4385		15886	4 2.39	6934	159	28 27 37.6	327	457	13.5	+ 28	- 40	8.9	K 0
4149	25 1864	C 4389	1682	15898	4 16.59	6264	142	25 49 23.2	345	449	11.9	+ 31	- 40	8.1	K 2
4150	29 1698	C 4390	1683-5	15896	4 24.13	7170	165	29 23 23.8	354	459	12.1	- 18	- 37	7.51	K 5

4114-5. Σ 1177. Components 7.4 and 6.5. 4114. Number of observations 3.
4141. Burnham 4447.

4115, 4122. Number of observations 4. 4127, 4148. Number of observations 6.
4144-5. Σ 1188. 4144. Number of observations 2.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	a	s	° ' "	"	"					
4151	31 1745	L 3412			8 4 36.21	+3.7686	-0.179	31 19 33.7	-10.369	-465	12.7	+ 38	- 37	9.5	
4152	27 1554	C 4392	1696-7	15915	4 44.85	6639	152	27 21 12.8	381	452	11.4	+ 13	- 16	7.9	K o
4153	26 1728	C 4393		15917	4 46.82	6328	145	26 6 35.8	383	448	11.9	- 8*	- 38*	6.70	K o
4154	26 1730	C 4394			4 51.95	6339	145	26 9 30.4	389	448	12.8	- 6	- 8	8.9	A
4155	29 1701	C 4396			4 56.29	7250	168	29 43 35.2	394	459	13.5	- 2	- 17	9.5	
4156	25 1865	C 4397	1698	15925	8 5 2.04	+3.6243	-0.143	25 46 51.0	-10.402	-447	12.31	- 51*	- 354*	5.83	G 5
4157	31 1753	L 3419	8	15944	5 52.26	7730	181	31 34 18.1	464	464	10.4	+ 7	- 10	8.1	K o
4158	31 1754	L 3420		15945	5 54.62	7757	182	31 40 28.6	468	465	10.4	- 2	+ 15	8.5	
4159	25 1871	C 4408	34		6 25.41	6099	139	25 16 26.5	505	444	12.5	- 9	- 25	9.5	G 5
4160	31 1757	L 3423		15966	6 36.76	7591	179	31 6 53.5	519	461	12.7	+ 27	- 28	8.1	K o
4161	25 1872	C 4411	38		8 6 39.70	+3.6138	-0.140	25 26 56.2	-10.524	-444	12.9	- 21	- 47	8.9	F o
4162	29 1709	C 4412	39		6 47.69	7035	165	29 1 36.3	534	455	13.1	- 94	- 17	8.7	F 8
4163	31 1759	L 3426			6 48.50	7657	181	31 22 14.3	535	463	13.7	- 24	- 1	9.5	
4164	31 1760	L 3427	37		6 49.60	7698	182	31 31 14.3	536	462	13.7	+ 17	- 36	9.1	
4165	30 1659	L 3428			6 53.91	7456	178	30 37 57.7	541	459	13.8	+ 20	- 44	9.1	
4166	30 1660	L 3429	41		8 7 2.01	+3.7480	-0.178	30 43 45.2	-10.551	-459	12.7	- 10	- 34	8.9	G
4167	29 1712	C 4414	43		7 3.42	7046	166	29 5 21.2	552	454	11.6	+ 3	- 18	7.9	A o
4168	29 1713	C 4416			7 10.08	7233	171	29 48 39.5	561	456	12.9	- 8	- 3	8.51	A 2
4169	26 1742	C 4417		15996-7	7 12.62	6386	149	26 29 36.8	565	444	13.3	+ 6	+ 2	8.7	F o
4170	30 1661	L 3432	48-9	15991-3	7 20.18	7470	178	30 42 46.2	573	459	11.1	+ 20	- 10	8.6	A 5
4171	30 1664	C 4419	55-6	16006	8 7 34.32	+3.7257	-0.173	29 55 37.4	-10.591	-456	10.9	+ 1*	- 23*	5.59	A op
4172	25 1875	C 4421	60		7 39.73	6156	141	25 35 7.1	597	443	13.5	- 21	- 40	9.5	
4173	30 1666	L 3439	62		7 55.75	7396	178	30 28 32.8	618	457	12.8	+ 24	- 36	9.2	
4174	28 1569	C 4422	66-7		7 59.82	6895	164	28 33 44.6	623	452	12.1	- 24	+ 1	8.5	F 2
4175	25 1878	C 4425	79	16033	8 13.29	6001	141	24 58 41.8	639	440	12.3	- 25	- 12	9.01	A 3
4176	26 1746	C 4424			8 8 14.21	+3.6239	-0.147	25 57 23.3	-10.640	-443	12.3	+ 26	0	9.5	
4177	28 1570	C 4427	81-2	16035	8 23.44	6757	159	28 3 0.8	651	449	11.6	+ 7	- 26	7.63	F 2
4178	27 1563	C 4428	87-8		8 33.46	6591	156	27 24 3.4	664	447	12.1	+ 14	- 1	8.5	A o
4179	28 1571	C 4429			9 8.48	6748	160	28 3 39.7	707	448	12.7	+ 20	- 20	9.5	
4180	27 1566	C 4430	101	16067	9 11.33	6482	154	27 0 13.8	710	445	11.2	+ 24	- 50	7.7	G 5
4181	31 1766	L 3447	98		8 9 13.95	+3.7665	-0.186	31 34 3.7	-10.714	-459	13.1	- 30	- 21	9.1	
4182	27 1567	C 4431	73-102	16070	9 14.72	6589	156	27 26 10.1	715	446	12.1	- 14	+ 26	8.1	
4183	25 1880	C 4432			9 20.17	5992	142	25 0 29.4	721	439	12.5	- 12	- 25	8.86	Mc
4184	27 1568	C 4433	106-7	16075	9 24.13	6571	156	27 22 31.3	726	446	12.3	+ 12	- 31	8.6	K o
4185	31 1768	L 3451			9 35.70	7489	182	30 56 21.7	741	456	13.9	+ 9	+ 6	9.5	
4186	30 1675	L 3452	111	16082	8 9 37.71	+3.7445	-0.181	30 46 41.3	-10.744	-455	13.5	+ 10	- 42	8.9	
4187	24 1887	C 4434	114		9 44.43	5892	141	24 36 43.3	751	437	13.7	+ 31	- 35	9.1	
4188	31 1770	L 3453			9 46.96	7680	187	31 39 39.5	755	459	13.4	+ 10	- 57	9.1	
4189	24 1889	B 3306	117		9 47.91	5751	137	24 1 16.5	756	435	13.5	- 8	- 14	8.5	A 2
4190	28 1573	C 4436			9 48.63	6724	161	28 0 40.7	757	447	14.1	+ 15	- 16	9.5	
4191	27 1571	C 4438	121-2		8 10 0.34	+3.6566	-0.157	27 23 45.0	-10.771	-445	13.3	+ 30	+ 3	9.1	A 2
4192	30 1676	L 3460			10 14.04	7272	179	30 9 57.5	788	452	13.1	+ 22	- 59	8.7	
4193	30 1677	C 4441	126		10 24.79	7204	175	29 55 10.2	801	452	12.1	+ 5	- 5	8.7	
4194	28 1575	C 4445	140	16070	10 49.01	6876	167	28 40 37.0	831	449	12.1	+ 23	- 21	8.7	G 5
4195	25 1888	C 4446	144		10 54.50	5961	144	24 58 18.1	838	436	11.8	- 18	- 23	9.11	F o
4196	29 1727	C 4448			8 11 20.20	+3.7114	-0.174	29 38 22.8	-10.869	-450	12.3	0	- 31	9.5	
4197	30 1680	L 3466	151	16134-6-7	11 25.94	7368	182	30 36 48.7	876	453	9.7	- 18	- 56	8.2	A 3
4198	25 1891	C 4452	168		11 54.13	5942	145	24 57 20.8	911	435	12.5	- 13	- 18	9.16	F o
4199	27 1575	C 4451	166-7	16158-9	11 54.66	6518	159	27 19 38.5	911	442	10.0	+ 26	+ 10	7.43	K 2
4200	31 1777	L 3468			12 1.75	7445	184	30 56 47.7	920	453	14.1	- 19	- 31	9.5	

4157, 4165, 4178. Number of observations 6.
4178. Burnham 4491.

4182. Burnham 4500.

4166. Σ 1195.
4185, 4187, 4190. Number of observations 4.

4168. Σ 1197.
4177. Burnham 4488.
4188. Number of observations 3.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
	°				h m s	s	s	° ' "	"	"					
4201	27 1576	C 4453	169	16163-4	8 12 3.81	+3.6601	-.0161	27 40 49.7	-10.922	-.443	13.1	- 6	- 9	7.8	K 0
4202	25 1892	C 4454	174		12 13.05	5976	146	25 6 56.5	934	434	12.6	+ 26	- 35	7.41	K 0
4203	28 1579	C 4456			12 19.57	6875	169	28 46 33.3	942	445	12.4	+ 49	- 5	9.5	
4204	25 1893	C 4458	180		12 22.06	6118	149	25 43 14.6	945	436	12.7	+ 1	- 1	8.3	K 0
4205	30 1685	L 3469			12 23.01	7190	177	30 0 14.6	946	449	13.1	+ 12	- 25	9.1	
4206	31 1778	L 3470			8 12 26.07	+3.7600	-.0188	31 33 28.2	-10.950	-.454	14.3	+ 2	- 38	9.5	
4207	31 1779	L 3471			12 27.06	7480	185	31 6 41.2	951	452	11.7	+ 11	- 32	8.1	F 2
4208	27 1578	C 4459			12 28.92	6446	158	27 4 22.5	953	440	13.4	- 32	- 20	9.1	
4209	31 1781	L 3472	181-2		12 36.63	7421	184	30 54 0.6	963	452	12.53	- 224	- 814	8.5	
4210	26 1760	C 4461	188-9	16186	12 40.25	6352	155	26 42 14.5	967	439	9.9	- 30	- 21	7.04	A 3
4211	29 1730	C 4460	186	16223	8 12 42.27	+3.7017	-.0173	29 21 32.2	-10.970	-.447	12.7	- 12	- 34	8.1	A 3
4212	25 1896	C 4463	195		12 52.35	6103	150	25 41 15.9	982	435	13.5	+ 1	- 7	9.2	A 2
4213	28 1581	C 4465			12 57.44	6692	164	28 5 47.5	988	442	12.8	- 7	- 29	8.7	
4214	29 1731	C 4464			12 58.32	6932	171	29 2 41.6	989	445	13.3	+ 16	- 27	9.1	
4215	30 1689	L 3478			13 0.47	7332	183	30 35 30.5	992	450	13.6	+ 7	- 30	9.5	
4216	28 1582	C 4468			8 13 18.60	+3.6684	-.0165	28 5 10.0	-11.014	-.442	12.2	+ 14	- 7	8.8	
4217	27 1582	C 4469	203	16207	13 19.05	6575	162	27 38 55.1	014	441	13.1	- 5	- 7	8.9	
4218	26 1762	C 4471	208-9	16215-8	13 28.59	6318	156	26 36 59.6	026	438	11.9	- 29	- 31	7.04	F 0
4219	27 1585	C 4472			13 45.97	6493	161	27 20 42.6	047	439	11.7	+ 16	- 39	9.1	
4220	24 1903	B 3332	218	16237-8	13 47.71	5796	143	24 27 21.2	049	432	11.5	+ 1	- 31	7.11	G 5
4221	28 1583	C 4473			8 13 53.50	+3.6780	-.0168	28 30 31.3	-11.056	-.442	11.4	- 33	+ 14	8.5	
4222	25 1897	C 4474			13 57.25	5938	147	25 3 55.8	061	432	13.7	- 16	- 36	9.5	
4223	31 1784	L 3480		16229-31	13 58.12	7421	187	30 59 53.7	062	450	12.3	+ 4	+ 23	8.5	K 2
4224	27 1586	C 4475	222	16248	14 5.07	6383	159	26 55 19.8	070	438	12.7	- 14	+ 21	8.3	F 5
4225	25 1898	C 4477		16253	14 9.09	5980	148	25 15 25.7	075	433	13.1	- 11	- 31	8.5	A 0
4226	25 1899	C 4479		16267	8 14 28.11	+3.5923	-.0147	25 2 14.9	-11.098	-.431	12.6	+ 21	- 2	8.5	K 5
4227	28 1584	C 4480			14 33.51	6830	170	28 45 10.3	105	443	12.9	+ 22	- 7	9.2	
4228	27 1588	C 4481		16268	14 33.55	6431	161	27 9 1.5	105	437	12.5	- 4	+ 7	8.2	K 0
4229	27 1589	C 4482	231-2	16270-1-2	14 36.00	6519	163	27 30 34.2	108	438	11.32	- 9*	- 388*	5.16	F 5
4230	26 1764	C 4483	235		14 38.54	6308	158	26 39 14.1	111	436	13.0	+ 41	+ 10	9.1	
4231	24 1907	B 3339	238	16280	8 14 40.14	+3.5699	-.0142	24 5 33.0	-11.113	-.428	11.4	+ 7	- 30	8.3	A 0
4232	25 1901	C 4485	241		14 53.25	6094	152	25 46 50.6	129	432	9.9	- 1	- 28	8.3	F 5
4233	24 1909	B 3344	251	16288-90-1	15 11.20	5741	142	24 18 22.7	150	428	10.4	- 11*	- 31*	5.87	A 0
4234	27 1592	C 4487	249		15 16.43	6444	161	27 15 9.2	157	437	11.5	- 25	- 9	9.2	
4235	25 1903	C 4488	252		15 17.21	6049	152	25 37 13.6	158	432	11.5	- 11	- 12	7.35	K 2
4236	27 1594	C 4490	258	16303-5	8 15 36.78	+3.6533	-.0165	27 38 16.2	-11.181	-.437	11.6	- 26	- 8	8.7	A 3
4237	28 1588	C 4489			15 37.09	6716	170	28 22 21.1	182	439	12.6	+ 6	- 21	9.5	
4238	26 1766	C 4491	262		15 47.48	6279	158	26 36 39.8	194	435	11.0	+ 35	- 13	8.8	F 5
4239	25 1905	C 4492			15 50.35	5901	148	25 1 49.8	198	429	13.6			9.5	
4240	25 1906	C 4493	265		15 54.12	5933	149	25 10 10.3	202	429	13.3	+ 36	- 48	9.5	
4241	27 1596	C 4495		16315	8 16 1.87	+3.6480	-.0163	27 26 59.6	-11.212	-.436	10.7	+ 28	- 13	8.5	
4242	29 1739	C 4494		16311	16 2.68	6892	175	29 6 10.1	213	441	11.3	- 20	+ 15	8.5	G 5
4243	27 1597	C 4496	285	16323-4	16 22.52	6541	165	27 43 27.2	237	437	12.2	- 3	- 24	8.9	F
4244	24 1913	B 3351			16 36.99	5721	145	24 18 37.1	254	426	11.0	- 41	- 39	8.7	F 2
4245	26 1768	C 4497	292	16336	16 47.93	6166	156	26 12 38.1	267	432	10.2	- 3	- 29	8.6	G 5
4246	27 1598	C 4498	296		8 17 0.95	+3.6335	-.0161	26 55 20.4	-11.283	-.434	13.3	- 6	- 129	9.1	
4247	26 1770	C 4500	312	16360	17 19.20	6114	155	26 1 31.6	305	430	11.8	+ 6	- 20	8.3	K 0
4248	27 1599	C 4499	310-1	16321	17 20.07	6546	167	27 48 43.1	306	435	12.8	+ 15	+ 2	7.7	G 5
4249	32 1724	L 3499	306	16347-9	17 20.15	7587	196	31 52 23.1	306	448	12.3	+ 3	- 14	7.7	G 5
4250	30 1700	L 3501			17 25.40	7178	185	30 19 13.4	313	443	14.1	+ 3	- 46	9.5	

4202, 4206, 4208, 4214, 4215, 4221. Number of observations 4.

4207. Σ 1212.

4229. Number of observations 7.

4250. Burnham 4572.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Procession.	Sec. Var.	Dec. 1910.0.	Procession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
4251	30 1701	L 3502			h m s	s	s	o ' "	"	"					
4252	27 1601	C 4502		16367-8	8 17 26.77	+3.7308	-0.189	30 49 33.9	-11.314	-445	12.3	- 4	+ 35	9.1	
4253	27 1602	C 4503			17 35.76	6436	165	27 22 55.8	325	433	12.3	- 1	- 11	8.6	K 2
4254	30 1702	L 3505	318	16333-71	17 37.24	6364	163	27 5 4.1	327	432	14.1	- 2	- 16	9.5	
4255	31 1803	L 3509	326		17 54.37	7206	187	30 27 56.2	347	442	11.2	- 5	- 21	8.2	A 2
4256	27 1604	C 4506	330	16386-7	8 18 13.85	+3.6456	-0.165	27 30 21.9	-11.371	-432	14.1	- 3	- 2	8.9	F 5
4257	31 1804	L 3510			18 18.03	7495	195	31 36 3.0	376	445	12.5			8.5	
4258	25 1912	C 4509			18 24.48	5880	151	25 6 33.4	383	425	14.3	+ 11	- 9	9.1	
4259	27 1605	C 4508	336		18 24.85	6324	162	26 58 30.9	384	431	13.6	- 5	- 26	9.1	
4260	31 1806	L 3511	335	16392	18 29.38	7488	195	31 35 28.8	389	445	10.0	- 30	- 40	7.48	K 0
4261	30 1704	L 3512	339		8 18 32.52	+3.7076	-0.184	30 0 40.5	-11.393	-440	11.8	- 31	- 38	8.6	A 5
4262	31 1807	L 3513			18 37.34	7338	191	31 1 51.2	399	443	12.7	+ 6	+ 35	8.6	
4263	29 1747	C 4511			18 46.87	6826	177	29 2 30.0	410	436	12.9	- 2	- 45	8.8	G 0
4264	26 1778	C 4512	348-9-50	16415-7-8	18 56.22	6262	162	26 45 23.2	422	428	11.5, 12.0	- 15*	- 15*	8.5	A 2
4265	27 1606	C 4513		16416	18 57.37	6383	165	27 15 24.7	423	431	11.4	- 4	+ 2	8.8	A 2
4266	25 1916	C 4516			8 19 20.91	+3.5837	-0.151	24 59 10.2	-11.451	-424	12.0	+ 7	- 17	9.1	
4267	28 1598	C 4518	360-1		19 32.57	6714	175	28 38 54.2	465	434	12.5	+ 12	- 24	9.6	
4268	24 1920	B 3369	364	16447	19 35.17	5659	146	24 14 9.3	468	421	10.0	- 46	+ 9	7.27	F 0
4269	28 1599	C 4520			19 36.48	6513	170	27 50 25.1	470	432	11.5	- 2	+ 3	8.5	
4270	30 1706	C 4521	363		19 47.01	7035	185	29 56 38.7	482	438	11.5	- 8	- 21	8.59	K 0
4271	31 1809	L 3520			8 19 49.82	+3.7479	-0.197	31 39 34.5	-11.486	-443	12.5	+ 12	- 13	9.1	
4272	31 1808	L 3521			19 53.41	7394	195	31 20 34.5	490	442	12.5	- 47	- 30	9.1	
4273	24 1921	C 4522	372		19 57.01	5748	149	24 38 32.5	494	422	10.2	+ 19	- 1	8.41	K 0
4274	31 1810	L 3522			20 10.85	7392	195	31 21 20.0	511	441	10.5	+ 56	- 67	8.8	
4275	26 1780	C 4523			20 12.29	6203	161	26 35 51.8	513	428	13.0	+ 11	- 7	9.1	
4276	31 1811	L 3524		16470	8 20 28.60	+3.7334	-0.193	31 9 20.8	-11.532	-440	12.3	+ 29	- 76	8.6	
4277	31 1812	L 3525	383	16471	20 29.90	7405	197	31 25 45.7	534	441	13.0	- 12	- 15	8.7	
4278	29 1753	C 4525	387-8	16478	20 36.15	6763	178	28 55 22.3	541	433	11.6	+ 6	- 37	7.8	K 0
4279	28 1600	C 4526	390-1	16479	20 37.55	6706	176	28 41 46.6	543	433	11.7	+ 4	- 2	8.1	K 0
4280	26 1782	C 4527	395		20 49.86	6242	164	26 48 20.2	557	427	10.8	- 8	+ 8	8.7	K 0
4281	28 1602	C 4529	398	16491-2	8 20 59.42	+3.6575	-0.173	28 11 25.9	-11.569	-431	9.7	- 23*	- 131*	5.83	K 2
4282	28 1603	C 4531	405	16504	21 12.24	6612	174	28 21 27.8	584	431	9.8	+ 6	+ 3	8.5	K 0
4283	25 1920	C 4533	410-2	16517-9	21 18.80	5770	151	24 49 50.0	592	420	10.6	- 29*	- 85*	7.10	A 3
4284	25 1920	C 4534	411-3	16518	21 19.00	5770	151	24 49 54.7	592	420	11.5	- 29*	- 85*	7.64	G
4285	27 1612	C 4532		16511-3	21 20.52	6335	167	27 13 44.4	594	428	11.0	- 5*	- 8*	6.32	A 2
4286				16512-4	8 21 20.75	+3.6335	-0.167	27 13 48.9	-11.594	-428	9.9	- 5*	- 9*	6.30	
4287	30 1709	C 4535	415		21 33.29	6982	185	29 52 13.0	609	435	10.5	- 112	- 56	8.61	F 5
4288	24 1925	B 3387			21 44.87	5578	146	24 1 23.7	623	417	10.3	- 23	- 6	8.6	G 5
4289	26 1786	C 4536			21 51.63	6039	159	26 1 15.7	631	424	10.5	- 8	- 24	9.5	
4290	31 1814	L 3534		16532-3	22 1.66	7222	194	30 50 46.3	643	437	9.8	+ 38	- 27	8.0	F 2
4291	27 1613	C 4539			8 22 5.28	+3.6301	-0.167	27 8 33.0	-11.647	-425	11.5	+ 24	- 2	8.9	
4292	28 1606	C 4541	431-2		22 11.49	6472	172	27 51 29.0	654	428	11.9	+ 2	+ 8	8.7	F 2
4293	29 1755	C 4542	439		22 20.89	6845	182	29 23 8.0	666	432	11.4	- 17	- 41	9.1	G
4294	32 1738	L 3540			22 43.24	7487	202	31 55 15.1	692	439	14.9	- 58	- 91	8.7	
4295	28 1608	C 4545			22 58.23	6611	177	28 29 1.2	710	428	10.8	0	+ 19	9.1	
4296	25 1927	C 4546	458		8 23 9.27	+3.5743	-0.152	24 50 22.7	-11.723	-418	8.8	- 8	- 41	8.21	A 2
4297	24 1931	C 4547	461	16597-8-9	23 16.75	5651	150	24 26 38.9	732	416	10.9	- 20*	- 71*	6.06	A 5
4298	29 1758	C 4548	466		23 42.15	6694	180	28 52 47.0	762	428	10.6	+ 11	- 29	9.5	
4299	31 1818	L 3545			23 42.65	7250	197	31 5 20.9	762	435	10.6	+ 2	0	9.1	F 0
4300	29 1759	C 4549	467	16568	23 44.94	6914	186	29 46 7.3	765	431	9.8	- 2	- 15	8.33	A 0

4251. Burnham 4573.

4264. Number of observations 4, 5.

4286. Number of observations 3.

4260, 4283. Number of observations 6.

4273. Σ 1220.

4283, 4284. These stars form the pair Σ 1224.

4292. This is the principal star of the pair Σ 1228.

4261. Number of observations 4.

4285, 4286. These stars form the pair Σ 1223.

4297. Number of observations 14.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.		
												R.A. ".0001.	Dec. ".001.				
4301	31 1819	L 3549			h m s	s	s	° ' "	"	"							
4302	24 1934	C 4554	479-80	16631-4-6	8 24 15.50	+3.7390	-0.0202	31 40 32.2	-11.801	-435	10.5	+	8	-	23	8.3	F 5
4303	26 1789	C 4555	481-2-3	16637-8	24 19.68	5680	152	24 38 43.0	806	415	10.2	-	31	-	22	7.01	K 0
4304	25 1934	C 4557	489		24 25.39	6107	163	26 29 35.6	813	421	9.4	-	22	-	20	6.67	A 0
4305	28 1613	C 4556			24 39.08	5765	155	25 2 21.6	829	416	11.1	+	4	-	17	9.5	
4306	29 1764	C 4558	495		24 41.75	6553	178	28 22 56.8	832	425	10.3	-	2	-	28	8.9	F 5
4307	26 1792	C 4559		16665	8 25 3.70	+3.6764	-0.0184	29 16 2.2	-11.858	-427	11.7	-	7	-	12	9.6	
4308	26 1793	C 4560	513	16669-70	25 32.31	6048	163	26 19 29.5	891	418	9.3	0	0			8.7	K 5
4309	26 1794	C 4561	516		25 46.67	6077	164	26 27 56.7	908	418	10.0	-	12	-	48	8.5	F 5
4310	24 1938	C 4562			25 52.86	5977	161	26 2 36.9	915	417	9.0	-	2	-	45	7.44	A 2
4311	31 1826	L 3555	514		25 55.55	5670	154	24 42 49.7	919	413	10.8	-	35	-	46	9.1	
4312	30 1718	L 3556	517		8 26 1.57	+3.7162	-0.0199	30 56 49.2	-11.926	-430	11.8	-	4	-	27	8.7	
4313	25 1937	C 4563			26 3.40	7034	195	30 26 28.7	928	428	13.0	+	27	-	8	9.2	
4314	24 1940	C 4564	525	16685-7	26 7.64	5797	158	25 17 3.0	933	415	13.5	+	5	-	9	9.1	K 5
4315	30 1719	L 3559	522		26 11.32	5592	153	24 23 6.7	937	412	9.7	-	62*	-	63*	5.73	F 0
4316	29 1772	C 4568		16750	26 20.18	6924	191	30 0 54.2	947	427	11.4	+	1	-	15	8.2	F 2
4317	29 1770	C 4569		16754	8 26 46.86	+3.6818	-0.0189	29 37 26.8	-11.979	-425	12.0	-	18	-	40	7.06	G 5
4318	24 1942	B 3411	546	16731-2	26 47.40	6855	189	29 46 17.6	979	425	11.4	-	46	-	35	8.7	
4319	24 1943	B 3413		16762	26 56.06	5593	153	24 26 28.8	989	410	11.0	-	3	-	14	8.9	A 0
4320	26 1796	C 4570			27 5.38	5503	150	24 3 8.7	12.000	409	12.1	-	1	-	69	8.9	G 0
4321	25 1942	C 4571	554		27 6.76	6005	164	26 15 13.7	003	416	13.5	+	6	-	48	9.2	
4322	26 1798	C 4572			8 27 9.47	+3.5800	-0.0159	25 22 21.3	-12.005	-412	13.1	-	18	-	63	8.7	K 0
4323	27 1623	C 4573			27 15.63	5916	162	25 52 51.4	012	414	14.2	-	13	-	18	9.2	
4324	25 1944	C 4574			27 18.18	6367	176	27 48 43.8	015	419	13.9	+	21	+	5	9.5	
4325	31 1833	L 3569	562		27 29.10	5852	161	25 37 17.6	028	413	13.9	-	32	+	2	9.2	
4326	26 1801	C 4577	569		27 35.87	7356	206	31 48 53.6	036	430	14.3	-	20	-	15	8.7	K 2
4327	24 1946	B 3419	571	16739-63	8 27 40.72	+3.6073	-0.0167	26 35 27.9	-12.042	-415	13.7	+	42	+	10	9.5	
4328	29 1778	C 4578	575		27 41.00	5570	153	24 23 29.5	042	410	10.9	-	47*	-	65*	6.41	K 0
4329	27 1627	C 4579	577	16771-2	28 8.46	6764	188	29 30 49.7	074	422	10.5	-	34	+	1	8.7	K 0
4330	30 1726	L 3570			28 11.97	6313	175	27 39 7.4	078	418	10.9	-	11	-	15	8.7	G 5
4331	31 1835	L 3572	579		28 20.38	7040	197	30 38 22.2	088	425	12.2	-	8	-	70	9.5	
4332	25 1950	C 4582	591	16790	8 28 26.38	+3.7177	-0.0202	31 11 19.3	-12.094	-427	11.5	+	22	-	23	9.1	
4333	27 1629	C 4581	590	16785-6	28 45.12	5813	161	25 32 29.0	116	411	10.4	-	32	-	19	8.1	A 3
4334	25 1951	C 4584	594-5		28 45.36	6321	176	27 43 29.6	117	417	10.8	+	33	-	102	8.7	K 0
4335	26 1803	C 4585			28 49.92	5666	157	24 54 4.6	122	410	12.0	-	5	-	29	8.81	A 0
4336	24 1950	B 3424	618	16796	28 56.25	5873	163	25 49 6.5	129	412	10.6	+	5	-	16	8.6	
4337	28 1623	C 4586	598		8 28 59.85	+3.5525	-0.0154	24 17 4.6	-12.134	-407	11.2	+	17	-	10	8.7	K 2.
4338	28 1624	C 4588	599-600		29 8.68	6505	182	28 31 43.4	144	419	12.4	+	4	+	7	9.2	A
4339	29 1780	C 4589			29 10.44	6558	183	28 45 7.8	146	419	11.3	-	1	-	32	8.7	G 5
4340	24 1951	B 3427	632	16806	29 15.16	6613	185	28 58 59.1	151	419	12.2	+	19	-	30	9.2	
4341	27 1631	C 4592		16811	29 26.47	5526	154	24 19 11.2	164	407	13.1	-	5	-	27	9.1	
4342	26 1806	C 4595		16825	8 29 41.21	+3.6101	-0.0169	26 51 48.8	-12.181	-413	12.4	-	4	+	45	9.5	G
4343	24 1952	C 4596	621-2		30 3.89	5932	166	26 9 40.6	208	409	10.2	+	17	-	15	8.7	
4344	31 1844	L 3579			30 8.89	5582	157	24 37 27.1	214	406	12.1	-	4	-	99	9.5	
4345	30 1731	L 3580	629		30 26.34	7075	202	30 57 20.3	234	423	10.2	+	5	-	3	9.1	
4346	24 1955	B 3441	644	16847-9	30 29.79	6917	197	30 19 44.2	238	420	10.0	+	51	-	27	8.7	F 8
4347	29 1785	C 4598	648	16846	8 30 43.47	+3.5515	-0.0155	24 21 43.2	-12.253	-404	9.4	-	7	-	6	6.84	A 0
4348	29 1786	C 4599			30 53.87	6589	186	29 1 9.0	266	416	8.8	+	15	-	25	8.1	K 0
4349	26 1809	C 4601	658-9	16871-4-5-6	31 5.47	6641	188	29 15 5.9	279	417	10.7	-	24	-	17	8.9	K 0
4350	24 1956	C 4603	668		31 20.06	5930	168	26 14 58.1	296	407	10.4	-	30	-	14	7.9	A 0
					31 29.52	5596	159	24 47 2.0	307	404	11.2	-	152	+	87	9.5	

4301. This is the principal star of the pair Σ 1231.

4327. Number of observations 10.

4303. Burnham 4636.

4322, 4323, 4324. Number of observations 4.

4346. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 1900.1.	Dec. 1900.1.		
4351	30 1734	L 3583	660		8 31 30.90	+3.6839	-0.0196	30 5 51.9	-12.308	-418	11.6	- 102	- 141	9.2	
4352	28 1627	C 4604	672-3-4		31 45.07	6495	185	28 41 58.0	324	415	9.8	- 18	- 29	8.5	F 0
4353	25 1958	C 4606	679		31 47.84	5730	162	25 24 19.3	328	406	12.0	+ 10	- 47	9.5	
4354	25 1959	C 4607	683		31 50.74	5768	164	25 34 43.2	331	406	11.7	+ 19	- 2	9.1	
4355	28 1628	C 4609	678-80-1	16893-4	31 54.53	6470	184	28 36 31.7	335	415	10.2	+ 41	- 56	6.72	G 5
4356	27 1640	C 4611			8 32 13.60	+3.6072	-0.0173	26 56 5.8	-12.357	-409	11.7	+ 13	- 19	8.8	F 5
4357	28 1629	C 4610	690-1-2		32 13.76	6483	185	28 41 15.4	357	413	11.1	- 3	+ 31	9.5	
4358	26 1815	C 4612		16919-20-1-2	32 23.49	5980	170	26 33 6.3	368	407	10.3	- 5	- 18	7.9	K 0
4359	30 1738	L 3592			32 39.95	6873	199	30 20 1.4	387	418	10.6	+ 8	- 38	8.5	A 2
4360	26 1816	C 4618	716	16933-4-5	32 46.68	5931	170	26 22 4.7	395	407	9.3	- 83	- 186	7.65	G 5
4361	30 1739	C 4619			8 32 52.15	+3.6775	-0.0196	29 57 0.5	-12.401	-416	11.2	- 176	- 112	9.5	
4362	31 1849	L 3599		16944	33 5.68	7036	204	31 1 39.9	417	418	11.1	0	- 8	7.65	K 2
4363	31 1848	L 3600	720		33 6.13	7148	208	31 28 36.2	417	419	11.6	- 11	- 53	8.7	K 2
4364	31 1850	L 3601			33 9.86	7210	210	31 43 40.6	422	420	12.1	- 15	- 50	9.5	
4365	24 1968	B 3458	736	16964	33 27.95	5391	155	24 0 19.0	442	399	10.0	- 29	- 157	6.84	F 8
4366	24 1969	C 4626		16977	8 33 43.48	+3.5555	-0.0159	24 46 0.2	-12.460	-400	10.5	- 2	- 16	8.61	K 0
4367	31 1852	L 3605			33 45.39	6969	202	30 48 51.6	462	417	11.1	+ 17	- 37	9.5	
4368	25 1965	C 4628	744		33 47.37	5653	162	25 12 40.0	464	402	11.8	+ 25	- 17	9.2	
4369	25 1966	C 4629	745-6		33 50.60	5667	163	25 16 44.9	468	402	9.2	+ 28	- 15	8.8	
4370	30 1743	C 4630	748		34 0.73	6730	196	29 51 45.8	480	414	12.1	+ 3	- 4	9.2	
4371	31 1854	L 3609			8 34 9.84	+3.7015	-0.0205	31 2 11.1	-12.490	-416	12.9	+ 69	- 81	9.5	
4372	25 1969	C 4631	771	16957	34 17.66	5583	161	24 56 13.6	499	400	11.0	- 6	+ 11	8.81	G 5
4373	29 1797	C 4632	769-70		34 21.95	6472	188	28 49 12.7	504	411	12.2	+ 56	- 10	8.8	G 0
4374	31 1857	L 3612	772		34 35.50	7081	209	31 20 28.2	519	416	9.6	- 8	+ 30	8.1	K 0
4375	29 1798	C 4634	775		34 36.83	6654	194	29 36 3.1	521	413	11.6	+ 12	- 10	8.6	G 5
4376	26 1822	C 4637	791-2		8 34 59.32	+3.5928	-0.0172	26 31 41.3	-12.546	-403	11.4	- 28	- 7	8.9	F 2
4377	26 1823	C 4638			35 0.51	5898	171	26 23 52.5	548	403	12.0	+ 2	- 7	8.9	F 5
4378	26 1826	C 4642	797		35 12.06	5826	169	26 5 36.3	561	402	12.2	+ 9	+ 2	9.1	F 8
4379	29 1803	C 4644	796		35 15.86	6471	189	28 53 30.8	565	409	10.6	0	- 10	8.7	K 0
4380	29 1804	C 4645	799		35 25.60	6619	194	29 31 32.8	576	410	12.1	+ 27	- 3	8.8	K 2
4381	27 1651	C 4649	809-10		8 35 38.24	+3.6121	-0.0179	27 25 26.1	-12.591	-404	10.8	+ 7	- 3	8.5	K 2
4382	29 1806	C 4651	817		35 56.59	6530	192	29 11 59.6	611	409	11.8	+ 36	- 13	9.5	
4383	29 1807	C 4652	819		35 58.46	6523	191	29 10 23.3	614	408	11.6	+ 32	+ 20	9.5	
4384	30 1751	L 3621			36 9.10	6794	200	30 18 54.8	626	411	10.4	- 30	- 29	8.9	K 0
4385	29 1810	C 4654	834	17117	36 30.97	6522	191	29 12 40.5	650	408	13.3	- 18	- 43	9.5	
4386	31 1863	L 3623			8 36 31.70	+3.7082	-0.0211	31 30 57.0	-12.651	-413	13.5	- 12	- 51	9.5	
4387	31 1864	L 3624	833		36 32.88	7011	209	31 14 1.0	653	413	13.3	- 3	- 19	9.5	F 5
4388	29 1811	C 4655	838	17088	36 40.33	6464	191	28 59 0.4	661	407	12.5	+ 6	- 16	8.9	A 2
4389	24 1976	B 3508	844	17094-5	36 40.48	5364	157	24 7 10.6	661	394	9.6	- 14	+ 14	8.1	K 0
4390	24 1975	C 4658	843	17093	36 41.28	5486	161	24 40 41.9	662	396	13.1	+ 3	- 53	8.8	
4391	26 1830	C 4659			8 36 44.47	+3.5874	-0.0173	26 26 0.8	-12.666	-400	13.7	- 3	- 13	10.1	
4392	25 1973	C 4660	845		36 46.64	5628	165	25 20 2.0	668	398	13.6	- 21	- 35	9.2	
4393	29 1815	C 4661	846		36 56.18	6646	197	29 46 6.9	679	408	13.1	+ 5	- 8	9.5	
4394	25 1974	C 4663	860		37 5.29	5630	165	25 21 47.6	689	397	12.4	+ 19	- 8	8.9	
4395	31 1866	L 3630			37 12.23	7095	213	31 37 58.7	697	413	12.6	+ 27	- 50	8.9	
4396	29 1817	C 4664	863		8 37 14.64	+3.6625	-0.0197	29 42 37.0	-12.700	-408	12.5	- 50	- 42	9.16	F 5
4397	31 1867	L 3633			37 18.35	7027	210	31 22 9.1	704	412	11.9	- 12	- 13	9.5	
4398	26 1832	C 4665	865		37 20.95	5851	173	26 22 42.6	707	399	11.5	- 10	- 36	8.7	
4399	31 1868	L 3636	876		38 2.04	7078	214	31 38 26.5	753	411	10.6	- 11	+ 9	8.6	K 5
4400	29 1818	C 4668	883		38 9.66	6575	197	29 34 51.7	762	406	12.9	+ 2	- 32	9.6	

4366. Number of observations 6.

4396, 4397. Number of observations 4.

4398. Burnham 4731.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
4401	24 1982	B 3518			h m s	s	s	° ' "	"	"	12.8	— 3	— 48	9.1	
4402	25 1977	C 4669	896		8 38 9.74	+3.5382	—0.159	24 19 4.1	—12.762	—392	12.8	— 3	— 48	9.1	
4403	27 1658	C 4670	893-4	17159-60	38 26.71	5553	165	25 7 25.0	781	393	13.1	+ 19	— 34	9.2	
4404	28 1640	C 4671	907-8		38 31.15	6094	182	27 32 55.7	786	399	9.0	+ 5	— 33	8.04	K 2
4405	28 1640	C 4672			39 0.86	6368	192	28 46 44.8	819	402	12.0	— 11	— 7	8.5	G 0
					39 2.42	6368	192	28 46 55.6	821	402	13.3	— 11	— 7		
4406	25 1981	C 4674	911		8 39 6.17	+3.5543	—0.165	25 7 49.3	—12.825	—393	11.76	— 92	— 339	9.5	
4407	31 1873	L 3643			39 11.02	6945	211	31 12 13.5	831	408	12.2	+ 25	— 35	9.2	
4408	31 1874	L 3644			39 22.32	7002	213	31 27 12.6	843	408	12.7	— 37	+ 2	9.5	
4409	29 1819	C 4676			39 39.02	6394	192	28 56 36.9	862	402	11.9	— 16	— 20	9.1	
4410	30 1760	C 4677	916		39 40.51	6642	201	29 59 54.1	864	405	9.9	+ 44	— 97	8.7	G 5
4411	31 1876	L 3647	921	17194-5	8 39 50.29	+3.6886	—0.209	31 1 27.8	—12.874	—406	9.2	+ 2*	— 20*	6.14	K 0
4412	29 1820	C 4678	929		40 5.13	6538	198	29 35 41.4	891	403	10.6	— 2	— 15	8.7	G 5
4413	28 1642	C 4679	931	17204	40 5.73	6344	192	28 46 17.7	892	400	9.8	— 75	+ 14	7.24	F 2
4414	25 1982	C 4680			40 25.39	5515	166	25 6 29.8	914	390	12.2	— 21	— 31	9.2	
4415	29 1821	C 4681			40 29.65	6468	197	29 20 14.3	918	401	12.4	+ 19	+ 78	9.5	
4416	28 1644	C 4682	943	17221	8 40 34.23	+3.6322	—0.192	28 43 4.7	—12.924	—399	10.6	+ 7	— 24	8.3	G 0
4417	25 1983	C 4683	950-1	17232	40 43.86	5635	170	25 40 53.3	934	391	12.0	— 3	— 11	7.9	A 2
4418	25 1984	C 4685	953-4		40 48.74	5625	170	25 38 45.2	940	391	13.3	— 65	— 49	9.9	
4419	28 1645	C 4684	952	17233	40 49.84	6135	187	27 55 29.3	941	396	10.6	— 14	— 61	7.39	K 0
4420	27 1663	C 4686			40 53.18	5928	180	27 0 50.7	945	395	11.6	+ 22	— 85	8.3	F 8
4421	29 1823	C 4687	958	17243	8 41 13.35	+3.6396	—0.196	29 5 41.8	—12.967	—399	9.7	— 15*	— 50*	6.61	A 5
4422	29 1824	C 4688	959	17246	41 15.21	6394	196	29 5 22.9	969	399	12.1	— 15*	— 50*	4.20	G 5
4423	26 1840	C 4689		17253	41 28.83	5648	172	25 48 8.6	984	391	9.8	— 12	— 11	8.7	
4424	28 1647	C 4690	968	17256	41 42.02	6247	190	28 29 33.9	999	396	9.6	+ 1	— 40	6.65	G 0
4425	27 1667	C 4691	972		41 42.29	5925	181	27 4 23.3	999	393	10.2	+ 7	— 5	8.7	A 2
4426	29 1825	C 4692			8 41 48.71	+3.6465	—0.198	29 26 31.5	—13.006	—399	11.2	— 8	+ 13	8.6	F 8
4427	24 1990	B 3542		17278	42 24.25	5318	161	24 21 14.2	046	386	12.8	— 13	— 36	8.7	
4428	28 1648	C 4693	983	17274	42 29.25	6190	189	28 18 43.4	051	395	10.6	— 12	— 20	8.6	G 0
4429	26 1843	C 4694			42 30.82	5643	172	25 52 0.2	053	388	13.0	— 6	— 4	9.5	
4430	29 1826	C 4695	988		42 37.44	6362	197	29 4 35.0	060	396	11.6	+ 1	— 23	9.1	
4431	31 1884	L 3656	1001-2	17303	8 43 16.75	+3.6757	—0.210	30 48 43.6	—13.104	—400	9.1	— 12	— 49	8.7	K 0
4432	24 1992	B 3549	1008	17310	43 18.05	5325	163	24 27 39.6	105	384	9.4	— 28	— 18	8.7	B 9
4433	28 1650	C 4701			43 54.13	6243	194	28 40 24.0	145	393	9.9	+ 1	— 21	9.5	A 2
4434	27 1672	C 4703	1024	17338	44 15.82	5888	182	27 7 56.1	169	389	9.4	+ 10	— 29	8.7	A 3
4435	31 1886	L 3661	1022		44 16.61	6910	217	31 32 43.9	170	400	10.0	0	— 45	9.5	
4436	29 1828	C 4702	1023	17332	8 44 17.79	+3.6491	—0.202	29 46 59.9	—13.171	—395	8.8	+ 5	— 43	7.46	K 0
4437	26 1848	C 4704	1036-7		44 48.56	5780	180	26 41 21.3	205	387	9.2	+ 6	— 31	8.6	K 0
4438	25 1997	C 4705			44 56.56	5393	167	24 54 57.6	214	383	10.2	— 9	— 36	9.1	
4439	28 1653	C 4706			45 10.98	6166	193	28 27 10.4	229	390	10.1	— 8	— 24	9.5	
4440	27 1674	C 4707	1051	17386	45 24.45	5872	183	27 9 46.2	244	387	9.2	— 49	— 41	7.39	F 0
4441	26 1852	C 4709			8 45 53.41	+3.5747	—0.180	26 38 5.3	—13.276	—385	10.8	— 16	— 4	9.5	K 0
4442	30 1779	C 4710			45 59.98	6471	205	29 51 27.7	283	392	10.4	— 42	— 14	8.56	A 2
4443	25 2000	C 4713	1068		46 20.28	5508	172	25 34 19.3	305	382	12.1	— 37	— 96	9.1	
4444	28 1657	C 4712			46 21.33	6120	193	28 21 31.7	306	388	12.0	+ 21	— 10	9.5	
4445	26 1854	C 4714		17425	46 38.32	5609	176	26 3 55.4	325	383	11.7	— 41	— 13	8.7	
4446	26 1855	C 4715		17426	8 46 40.71	+3.5606	—0.176	26 3 25.4	—13.327	—383	11.2	— 4	— 26	7.51	K 0
4447	30 1781	L 3677	1074	17422-3-4	46 41.88	6533	208	30 11 29.9	328	392	11.0	— 19	— 21	6.98	K 0
4448	29 1831	C 4716	1077		46 43.63	6365	202	29 28 19.5	330	390	11.4	+ 36	— 26	8.06	A 3
4449	29 1832	C 4717			46 51.36	6299	200	29 11 40.3	339	389	12.7	+ 8	— 24	8.1	K 2
4450	24 1999	C 4718	1085-7		46 52.40	5302	167	24 38 48.5	340	378	12.2	0	— 34	8.46	A 2

4404-5. These stars form the pair Σ 1266, magnitudes 8.0 and 9.2.
4421. 4422. These stars form the pair Σ 1268.

4422. Number of observations 24.

4415. Burnham 4752.
4425. Burnham 4767.

4438. Burnham 4797.

4418. Burnham 4758.
4445-6. Burnham 4819.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
					h m s	s	s	° ' "	"	"					
4451	25 2003	C 4719	1086	17437	8 46 53.97	+3.5482	-0.172	25 29 49.6	-13.342	-379	12.5	+ 28	- 8	8.5	F 5
4452	24 2000	B 3570	1091		46 57.12	5179	162	24 3 56.0	345	377	12.5	- 2	- 33	9.5	
4453	24 2001	B 3571			46 57.69	5230	164	24 18 36.5	346	378	12.2	- 17	- 19	9.6	
4454	28 1659	C 4720			47 4.05	6159	196	28 35 51.0	353	388	10.1	- 12*	- 15*	6.31	Ma
4455	24 2002	B 3572			47 5.94	5225	164	24 17 51.3	355	378	13.3	+ 16	- 25	9.2	
4456	27 1679	C 4721	1095		8 47 11.93	+3.5879	-0.186	27 21 15.7	-13.361	-384	13.2	+ 39	- 11	9.5	
4457	28 1660	C 4722			47 14.27	6173	196	28 40 30.0	364	387	11.5, 11.8	- 365*	- 245*	6.06	K 0
4458	30 1784	L 3682		17451-2-3	47 32.25	6539	209	30 18 4.7	383	391	10.5	0	- 79	7.56	K 2
4459	31 1901	L 3681	1096		47 32.59	6803	219	31 25 9.1	384	393	13.1	+ 16	+ 10	9.2	G 0
4460	29 1837	C 4724	1099		47 41.80	6245	200	29 2 18.4	394	388	11.2	+ 8	- 30	8.7	
4461	31 1902	L 3683	1100		8 47 48.20	+3.6777	-0.218	31 20 21.2	-13.400	-393	12.5	+ 16	+ 1	9.2	G 5
4462	27 1682	C 4727	1118		48 28.05	5831	186	27 15 13.4	444	381	9.6	- 1	- 29	8.7	K 0
4463	24 2006	B 3577		17505	48 39.50	5225	165	24 25 56.7	456	375	10.4	+ 16	- 147	9.5	
4464	30 1788	L 3687			48 40.53	6613	214	30 43 44.1	457	390	12.0	+ 37	- 43	9.1	
4465	27 1683	C 4729			48 43.55	5787	185	27 4 20.4	461	381	12.0	- 13	- 1	9.5	
4466	30 1789	L 3689	1120	17502	8 48 44.91	+3.6550	-0.212	30 27 55.6	-13.462	-389	11.5	- 13	- 21	8.8	F 5
4467	31 1907	L 3688		17499-501	48 45.31	6656	215	30 55 15.8	462	390	12.2	+ 30*	- 33*	5.60	K 0
					48 45.44	6656	215	30 55 14.3	462	390	12.2	+ 30*	- 33*		
4468	30 1790	L 3690			48 49.84	6472	209	30 8 9.5	467	387	13.7	+ 22	- 93	9.5	
4469	30 1792	L 3691	1125	17508	48 55.12	6568	213	30 33 32.7	473	389	8.6	+ 8	+ 18	8.3	G 5
4470	27 1685	C 4730	1129	17512	48 59.73	5823	187	27 15 55.1	478	381	9.4	- 9	- 46	7.16	K 5
4471	25 2009	C 4733			8 49 34.76	+3.5407	-0.173	25 22 48.1	-13.516	-375	10.2	- 1	- 18	9.5	
4472	26 1865	C 4732	1147-8		49 35.49	5657	181	26 33 5.7	517	378	9.20	+ 55	- 433	6.67	G 0
4473	28 1665	C 4734			49 59.00	6066	196	28 27 28.3	542	381	11.1	- 16	- 50	9.5	
4474	26 1866	C 4737	1160-1		50 7.09	5690	183	26 45 12.2	550	378	10.7	- 28	- 26	7.14	A 0
4475	26 1867	C 4738			50 11.17	5623	181	26 26 50.8	555	377	12.9	- 19	+ 12	9.5	
4476	28 1666	C 4739	1167	17563-4	8 50 16.37	+3.6018	-0.194	28 16 18.1	-13.560	-381	8.8	- 8*	- 39*	5.25	G 5
4477	25 2011	C 4740			50 33.19	5396	173	25 24 41.7	578	373	11.6	+ 38	+ 19	9.6	
4478	29 1844	C 4741			50 49.86	6231	203	29 16 39.0	596	383	11.2	+ 4	- 31	9.1	
4479	26 1869	C 4742	1175-6		50 50.44	5665	183	26 42 20.0	597	376	9.8	- 34	- 25	8.2	F 2
4480	25 2013	C 4744	1183-4	17584	50 56.15	5259	170	24 47 37.5	603	372	9.3	+ 76	- 73	6.72	F 2
4481	29 1845	C 4743	1155		8 50 58.52	+3.6168	-0.201	29 0 52.4	-13.606	-382	9.7	- 10	- 114	8.6	G 5
4482	25 2014	C 4745			51 8.01	5454	176	25 44 33.1	616	373	12.2	- 57	- 30	9.5	
4483	24 2015	B 3598	1188		51 9.54	5152	165	24 17 36.2	617	370	10.8	- 48	- 45	8.8	
4484	31 1910	L 3697			51 11.06	6611	218	30 58 20.6	619	385	13.1	- 42	+ 26	9.5	
4485	25 2015	C 4747		17608	51 29.03	5366	176	25 21 11.0	638	371	11.4	- 36	- 45	9.2	G 0
4486	29 1847	C 4748			8 51 41.11	+3.6276	-0.205	29 33 42.2	-13.651	-382	10.8	- 17	- 5	9.1	F 0
4487	31 1912	L 3701	1197		51 44.54	6679	221	31 19 22.8	655	387	11.0	+ 24	+ 1	8.8	
4488	32 1812	L 3703			51 48.55	6822	226	31 56 10.4	659	388	14.9	+ 17	+ 8	9.5	
4489	32 1814	L 3704			52 14.60	6794	226	31 51 57.2	687	386	9.2	+ 3	- 30	8.7	G 5
4490	30 1795	L 3706	1210	17628-9	52 30.80	6488	215	30 34 48.3	704	382	9.4	+ 53*	+ 12*	6.20	F 5
4491	25 2016	B 3607	1217		8 52 32.01	+3.5240	-0.170	24 50 32.0	-13.705	-369	12.5	+ 30	- 80	9.9	
4492	27 1695	C 4752	1219		52 42.77	5656	185	26 50 18.1	717	374	12.9	+ 16	- 58	9.1	
4493	27 1696	C 4753	1222-4	17644	52 47.19	5670	185	26 54 41.3	721	374	12.6	- 5	- 28	9.2	A 0
4494	24 2019	B 3613	1226-7		52 50.92	5153	168	24 26 46.3	726	367	10.4	- 21	+ 11	8.7	
4495	27 1698	C 4754	1233-4	17653	53 2.92	5649	185	26 50 12.6	738	373	12.6	- 11	- 8	8.3	G 5
4496	24 2021	C 4755			8 53 16.49	+3.5168	-0.169	24 33 38.8	-13.753	-367	12.2	- 29	- 59	9.5	
4497	31 1913	L 3711		17658	53 20.88	6523	218	30 48 55.0	757	380	12.7	- 23	- 1	9.2	
4498	25 2017	C 4756		17664	53 21.31	5409	177	25 43 44.7	758	369	13.0	+ 4	- 14	8.7	A 5
4499	27 1699	C 4757			53 26.12	5801	191	27 34 55.3	763	374	11.9	- 9	- 19	9.5	F 5
4500	24 2022	B 3616	1245-6	17674	53 30.12	5114	167	24 18 52.9	767	366	11.7	- 12	- 24	7.56	A 2

4453, 4456, 4496, 4497. Number of observations 4.

4467. These stars form the pair Σ 1291, components 6.4 and 5.9.

4472. Burnham 4844.

4454. Burnham 4823.

Number of observations 8 and 7.

4490. Burnham 4864.

4457. Number of observations 26 and 31.

4474. Number of observations 7.

4495. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^{5.0001.}	Dec. ^{0.001.}		
	°				h m s	s	s	° ' "	"	"					
4501	25 2018	C 4758		17673	8 53 32.30	+3.5411	-0.0177	25 45 23.7	-13.769	-368	11.9	- 33	- 147	7.23	G 5
4502	31 1915	L 3714		17667	53 36.14	6541	218	30 55 5.0	773	381	13.5	- 37	- 43	9.5	
4503	25 2019	C 4759			53 36.26	5405	177	25 44 1.2	774	368	14.4	- 94	- 21	9.5	
4504	26 1873	C 4760	1247	17676	53 37.83	5518	181	26 16 26.6	775	370	12.2	- 14	+ 4	7.8	G 0
4505	25 2020	C 4763			53 48.03	5349	175	25 28 56.9	786	368	12.3	- 36	- 46	9.2	
4506	26 1875	C 4765			8 54 21.68	+3.5422	-0.0178	25 53 4.3	-13.822	-368	11.5	+ 13	- 22	9.6	
4507	29 1849	C 4764	1262	17699	54 23.19	6170	205	29 21 47.7	823	376	9.9	- 6	- 17	8.1	K 2
4508	26 1876	C 4766		17708	54 23.51	5453	179	26 2 18.6	824	368	12.5	+ 26	- 40	9.5	A 5
4509	25 2022	C 4768	1267		54 28.34	5231	172	24 58 22.3	829	366	12.0	+ 2	+ 3	9.5	K 0
4510	32 1823	L 3725	1266	17706	54 35.77	6726	227	31 49 19.6	836	382	10.4	+ 11	- 5	8.2	A 2
4511	26 1877	C 4769	1271	1769L	8 54 38.45	+3.5605	-0.0185	26 47 3.3	-13.839	-370	11.9	- 36	+ 11	6.63	A 2
4512	24 2023	C 4770			54 51.83	5173	171	24 43 28.5	853	364	12.2	+ 1	- 42	9.2	
4513	29 1851	C 4771	1276	17721	54 56.78	6082	203	29 1 10.2	859	374	9.3	+ 25	- 11	8.1	K 5
4514	26 1879	C 4774			54 58.78	5562	184	26 36 47.9	861	368	12.4	- 26	- 41	10.1	
4515	25 2024	C 4776		17734	55 9.69	5192	172	24 50 51.9	872	364	10.8	+ 16	- 32	8.51	Ma
4516	30 1805	L 3730		17736	8 55 25.49	+3.6396	-0.0216	30 28 34.8	-13.889	-377	10.3	+ 16	- 18	8.7	
4517	24 2026	B 3627			55 34.32	5040	167	24 8 7.5	898	362	11.1	+ 37	- 152	8.8	K 0
4518	29 1853	C 4780			55 34.32	6193	209	29 35 10.7	898	375	11.5	+ 6	- 19	9.5	A 5
4519	27 1703	C 4781	1290		55 38.26	5777	193	27 41 18.0	902	370	11.7	- 9	- 24	8.8	A 0
4520	26 1882	C 4783		17752	55 45.09	5469	182	26 14 30.3	909	366	11.2	- 2	- 14	8.9	K 0
4521	25 2027	C 4784			8 55 52.37	+3.5303	-0.0176	25 27 8.2	-13.917	-365	11.7	+ 7	- 7	9.1	
4522	31 1919	L 3732			56 7.97	6544	222	31 12 6.9	933	377	12.9	+ 33	- 70	9.2	
4523	26 1883	C 4786			56 18.98	5567	186	26 45 41.9	945	367	13.2	- 16	- 13	9.5	
4524	28 1673	C 4787	1303	17768	56 22.74	5889	198	28 16 51.1	949	370	13.0	- 8	- 27	9.5	
4525	26 1884	C 4788			56 22.89	5561	186	26 44 36.2	949	367	11.4	+ 30	- 21	8.3	F 0
4526	28 1674	C 4789	1305	17613-17770	8 56 27.12	+3.5882	-0.0198	28 15 27.5	-13.953	-370	9.8	- 44*	- 88*	5.95	A 5
4527	26 1885	C 4790			56 37.29	5518	184	26 33 27.1	964	366	12.5	+ 28	- 6	8.9	F 8
4528	25 2028	C 4791			56 43.28	5358	179	25 47 56.0	970	364	10.5	- 19	- 8	9.2	
4529	29 1857	C 4792			57 0.31	6135	209	29 28 18.6	988	371	13.3	+ 1	- 19	9.1	K 2
4530	26 1886	C 4793			57 4.36	5442	183	26 14 27.5	992	364	13.2	- 12	- 13	9.5	
4531	31 1923	L 3735	1317	17783	8 57 13.15	+3.6636	-0.0228	31 43 11.2	-14.002	-376	10.7	+ 10	- 47	8.1	K 5
4532	26 1889	C 4796		17793	57 14.99	5433	183	26 12 37.0	003	364	10.4	- 16	- 38	7.28	K 0
4533	29 1858	C 4795	1321		57 17.18	6185	211	29 43 47.4	006	371	10.6	- 6	- 28	8.61	A 0
4534	25 2029	C 4798	1325-6-7	17811	57 28.71	5141	172	24 48 27.3	018	360	11.8	0*	- 5*	5.45	A 0
4535	30 1808	L 3737	1328-9	17809-10	57 40.95	6338	217	30 27 27.8	031	372	9.7	+ 12	- 5	7.89	A 2
4536	27 1708	C 4799	1338		8 57 54.56	+3.5703	-0.0193	27 34 1.9	-14.045	-365	8.9	+ 4	- 43	8.7	K 2
4537	29 1859	C 4800			57 58.04	6171	211	29 44 8.6	048	370	9.6	+ 36	- 125	8.9	
4538	26 1891	C 4801	1341		58 1.61	5335	180	25 48 46.9	052	361	11.4	- 12	+ 2	8.9	K 0
4539	26 1892	C 4803	1350	17836	58 17.28	5415	183	26 13 39.9	068	362	9.7	- 8	- 14	8.6	K 2
4540		C 4804			58 32.67	6133	211	29 37 43.4	084	369	12.2			9.5	
4541	25 2033	C 4806			8 58 43.09	+3.5237	-0.0177	25 23 52.6	-14.095	-359	11.6	- 7	+ 1	9.1	
4542	28 1683	C 4807	1360	17851-2	58 48.20	5830	198	28 15 17.5	100	366	9.0	- 1*	- 8*	6.34	A 0
4543	29 1860	C 4809	1363		58 58.41	6123	211	29 37 30.9	111	368	10.2	- 22	- 44	7.86	Ma
4544	29 1861	C 4810			59 0.85	5998	207	29 3 32.2	114	366	11.4	+ 29	- 12	9.5	
4545	25 2034	C 4812	1370		59 8.14	5296	180	25 43 45.0	121	359	10.7	+ 24	- 41	8.9	G 5
4546	28 1684	C 4811			8 59 9.34	+3.5936	-0.0204	28 47 9.4	-14.122	-367	11.0	- 7	- 5	9.1	A 5
4547	25 2036	C 4813		17879	59 36.01	5132	175	24 57 49.6	150	357	8.6	- 10	- 46	8.3	K 0
4548	26 1895	C 4814	1384-5	17880	59 46.58	5443	186	26 31 25.4	161	359	9.2	- 12	- 36	7.9	K 2
4549	29 1865	C 4815			9 0 15.78	5973	207	29 4 28.1	191	364	10.0	- 53	- 2	8.7	F 5
4550	30 1813	C 4816			0 17.12	6165	214	29 57 40.9	192	366	11.6	- 30	- 99	9.2	

4508, 4509, 4512-4514, 4518-4520, 4527. Number of observations 4.
4534. Number of observations 24.

4526. Burnham 4891.
4543. Number of observations 6.

4527. This is the principal star of the pair Σ 1301.
4549. Burnham 4919.

No.	B.D.	A.G.C.	W.B. (z).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	s	° ' "	"	"					
4551	25 2040	C 4818	1396		9 0 18.88	+3.5202	-0.178	25 22 56.5	-14.194	-356	12.2	+ 3	- 41	9.5	
4552	27 1711	C 4819			0 21.98	5650	194	27 33 59.9	197	361	12.6	- 2	- 74	9.5	
4553	27 1712	C 4820			0 26.67	5676	195	27 41 58.8	202	361	13.0	- 18	- 3	9.5	
4554	24 2038	B 3645	1417	17919-20	0 51.72	4936	169	24 6 4.9	228	352	10.2	- 85	- 24	8.7	G 0
4555	26 1899	C 4823	1420	17916	0 54.27	5416	186	26 29 28.3	231	357	11.1	+ 26	- 39	8.5	K 0
4556	31 1930	L 3754	1411		9 0 58.80	+3.6440	-0.227	31 16 24.2	-14.235	-368	12.8	+ 20	- 9	8.5	A 5
4557	24 2040	C 4825	1426-7		1 28.55	5053	173	24 44 59.8	266	353	12.0	+ 7	- 20	8.8	
4558	31 1931	L 3758			1 30.48	6536	231	31 45 32.7	268	368	11.6	+ 21	- 22	9.2	
4559	31 1933	L 3759			1 44.43	6361	224	31 0 14.5	282	366	12.2	+ 9	- 36	8.7	K 0
4560	28 1691	C 4826	1443	17944	2 2.05	5806	202	28 28 55.8	300	360	12.8	+ 3	- 6	8.7	F 0
4561	31 1934	L 3760	1444	17946	9 2 10.47	+3.6475	-0.229	31 33 47.3	-14.308	-367	9.8	+ 4	- 37	7.06	K 2
4562	30 1816	C 4828			2 13.53	6119	215	29 57 47.3	312	362	13.1	+ 11	- 30	9.1	
4563	28 1694	C 4829	1454	17950	2 18.50	5776	202	28 22 5.3	317	359	12.8	- 8	- 24	8.3	K 0
4564	27 1714	C 4830			2 19.11	5483	191	26 57 39.7	317	355	12.9	- 9	- 1	9.2	
4565	25 2050	C 4831			2 28.99	5120	177	25 10 29.5	327	352	13.1	- 19	- 3	8.9	
4566	30 1817	C 4832	1463	17958-60	9 2 36.03	+3.6122	-0.216	30 0 59.8	-14.335	-360	11.8	- 20*	- 9*	5.38	G 5
4567	26 1901	C 4833	1469	17987	2 36.62	5279	183	25 59 20.1	336	353	11.9	- 32	- 2	6.80	F 0
4568	31 1936	L 3765			2 39.39	6434	228	31 26 18.3	338	365	13.2	- 32	- 14	9.5	
4569	28 1696	C 4834	1471	17965	2 43.11	5673	198	27 55 22.4	342	357	12.1	- 54	- 61	7.9	G 5
4570	30 1818	L 3766	1470	17963	2 47.81	6242	221	30 35 11.6	347	362	13.5	+ 25	- 46	8.5	K 0
4571	30 1819	L 3767	1474	17975	9 2 58.37	+3.6258	-0.221	30 40 47.7	-14.357	-362	13.3	- 10	- 16	8.3	K 0
4572	28 1697	C 4835	1480	17981	3 4.08	5660	198	27 53 48.4	363	357	12.6	- 12	+ 71	8.5	
4573	28 1698	C 4836	1481	17985	3 7.35	5661	198	27 54 16.0	366	357	12.2	- 12	+ 71	8.5	
4574	31 1937	L 3769			3 8.28	6322	223	30 59 19.4	367	363	11.5	- 48	- 17	8.5	K 0
4575	27 1715	C 4838	1488		3 29.78	5466	192	27 0 6.9	389	353	11.43	- 87*	- 387*	5.96	G 5
4576	31 1939	L 3772			9 3 41.44	+3.6284	-0.222	30 52 37.4	-14.401	-362	11.0	- 6	- 22	9.5	
4577	26 1902	C 4841	1502	18012	4 5.36	5291	185	26 11 58.8	425	351	11.0	- 18	+ 9	8.7	K 0
4578	31 1940	L 3775			4 9.72	6266	223	30 51 4.4	430	361	10.4			9.5	
4579	31 1941	L 3776	1498	18009-10	4 12.46	6315	225	31 4 44.0	432	360	9.2	+ 2	- 62	7.71	A 5
4580	30 1822	C 4842	1517-8	18032	4 41.80	6051	215	29 55 26.0	462	358	9.8	+ 4	0	8.31	K 5
4581	30 1823	L 3780			9 5 5.38	+3.6216	-0.223	30 43 38.8	-14.486	-358	11.5	+ 19	+ 4	9.2	
4582	26 1903	C 4848	10		5 7.21	5386	191	26 46 29.0	488	351	11.0	+ 3	- 15	9.1	F 8
4583	29 1874	C 4849	4-5-6	18046	5 10.09	5936	213	29 26 14.5	491	356	10.0	- 24	- 37	8.1	F 8
4584	31 1946	L 3781	3	18044-5	5 12.67	6345	228	31 19 49.4	493	359	10.4	- 5	- 37	var.	Ma
4585	29 1876	C 4852			5 20.95	5809	207	28 51 23.5	502	355	11.6	0	- 8	9.5	
4586	26 1905	C 4853	14		9 5 25.00	+3.5326	-0.188	26 30 32.9	-14.506	-350	12.4	- 2	- 20	9.5	A 0
4587	28 1707	C 4855			5 35.87	5675	201	28 14 30.9	517	353	12.8	- 5	- 31	9.5	
4588	25 2056	C 4856	36	18085	6 6.13	5168	183	25 47 16.0	547	347	9.5	+ 13	- 15	8.7	K 0
4589	25 2057	C 4858	41	18092	6 20.16	5163	183	25 47 21.7	561	347	10.8	+ 1	+ 10	9.5	
4590	29 1879	C 4859	49	18064	6 35.44	5861	211	29 14 24.0	576	352	8.5	+ 2	- 14	8.1	K 0
4591	25 2059	C 4860			9 6 38.73	+3.5088	-0.181	25 26 17.0	-14.580	-345	12.0	- 162	- 111	9.5	
4592	26 1909	C 4862	63	18104	6 48.89	5278	188	26 25 10.6	590	347	11.0	- 61	- 5	9.1	F 8
4593	30 1829	L 3789	61-2	18102-3	6 56.25	6157	224	30 40 8.5	597	355	9.3	- 11	- 14	8.5	F 5
4594	28 1710	C 4863			7 5.04	5644	202	28 15 13.9	606	351	11.8	- 34	- 31	9.5	F 8
4595	27 1722	C 4864			7 5.53	5438	195	27 14 51.0	607	348	11.8	- 10	+ 11	9.5	
4596	26 1911	C 4867		18148	9 8 10.80	+3.5129	-0.184	25 48 39.2	-14.671	-343	10.5	+ 19	- 19	8.6	K 2
4597	27 1727	C 4868			8 19.25	5326	192	26 49 10.7	680	345	10.0	- 16	+ 5	9.1	G 5
4598	24 2054	C 4869	86-7-8		8 19.74	4904	176	24 39 51.3	680	340	9.1	- 26	- 8	7.81	K 0
4599	26 1912	C 4870		18154	8 22.09	5124	184	25 48 16.6	683	343	11.6	- 2	- 36	9.2	F 5
4600	25 2062	C 4871	91	18158	8 27.10	5088	182	25 37 34.0	688	342	9.2	- 29	- 23	8.2	A 5

4559. Burnham 4925.
4588. Number of observations 7.

4569, 4572-4574. Number of observations 4.
4596. Number of observations 8.

4572, 4573. Burnham 4936.
4597. Burnham 4975.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. ".001.		
					h m s ^e	s	s	° ' "	"						
4601	31 1952	L 3794			9 8 38.02	+3.6284	-0.0230	31 27 14.3	-14.698	-0.354	12.6	+ 34	- 10	9.5	
4602	24 2055	C 4872			8 39.01	4890	175	24 37 24.8	699	340	13.4	+ 38	- 1	9.5	
4603	31 1953	L 3796			8 44.83	6206	227	31 6 44.0	705	353	13.6	- 11	- 31	9.2	
4604	25 2063	C 4875	99	18174	8 54.21	5086	183	25 39 50.2	714	341	9.2	+ 4	+ 11	8.5	K 0
4605	28 1717	C 4876			8 59.84	5667	206	28 34 52.8	720	348	12.2	- 4	+ 5	9.5	
4606	30 1834	L 3799	97	18169-70	9 9 0.17	+3.6030	-0.0222	30 19 0.6	-14.920	-0.351	11.2	0	+ 14	8.1	G 5
4607	25 2065	C 4878		18184	9 13.39	5025	181	25 23 6.7	733	340	10.6	- 10	- 92	7.02	K 0
4608	28 1718	C 4879		18183	9 16.64	5574	202	28 9 22.5	737	346	10.6	+ 15	- 14	8.6	K 0
4609	26 1917	C 4880			9 22.39	5130	188	25 56 23.0	742	341	11.6	- 18	- 3	9.5	
4610	24 2059	C 4882			9 31.10	4878	176	24 39 6.3	751	338	10.2	+ 14	- 18	9.01	K 0
4611	31 1955	L 3804		18202	9 9 40.99	+3.6216	-0.0228	31 16 9.7	-14.761	-0.351	9.6	- 57	+ 92	8.6	
4612	24 2063	B 3696			10 10.66	4768	172	24 8 37.6	790	335	11.0	- 3	- 34	8.7	G 5
4613	28 1722	C 4883	131	18213-4	10 13.11	5579	204	28 17 21.1	792	345	10.7	+ 53	- 22	7.9	F 8
4614	28 1723	C 4884	136	18224-5	10 33.71	5565	204	28 15 34.4	813	345	10.6	- 25	- 29	8.5	F 2
4615	25 2069	C 4886			10 38.34	4903	177	24 53 52.1	817	337	10.8	- 27	- 31	9.2	
4616	28 1725	C 4885			9 10 38.38	+3.5635	-0.0207	28 36 44.6	-14.817	-0.346	12.4	+ 28	- 20	9.5	
4617	27 1734	C 4888	142	18232	10 52.56	5275	193	26 50 29.8	831	340	8.5	- 22	+ 40	8.2	F 8
4618	30 1838	L 3810			11 0.81	6000	223	30 24 59.5	839	347	9.7	+ 46	- 129	9.2	
4619	25 2073	C 4890	160	18259	11 31.85	4907	179	25 0 49.2	870	335	9.3	- 15	+ 5	8.7	K 0
4620	30 1839	L 3812	155		11 37.49	6055	226	30 45 1.3	875	346	8.6	+ 5	+ 4	7.8	A 0
4621	28 1727	C 4891			9 11 56.97	+3.5539	-0.0205	28 17 18.0	-14.894	-0.341	10.8	- 24	- 16	9.1	
4622	31 1961	L 3814	166	18270-1	12 1.99	6242	234	31 40 39.5	899	347	11.0	+ 7	- 17	7.9	K 0
4623	24 2068	B 3710	172	18277	12 7.80	4710	172	24 1 50.2	905	332	11.0	- 38	- 76	7.20	F 5
4624	24 2068	B 3711	173		12 8.00	4710	172	24 1 56.0	905	332	11.4	- 38	- 76		
4625	27 1737	C 4892	171		12 12.26	5243	194	26 49 30.4	909	338	11.0	+ 17	- 3	8.7	K 5
4626	28 1729	C 4893	174	18278	9 12 17.70	+3.5433	-0.0201	27 47 55.7	-14.914	-0.339	10.0	+ 3	- 30	6.53	F 5
4627	28 1730	C 4895	175		12 23.76	5442	201	27 51 31.7	921	339	11.9	+ 56	- 44	9.2	
4628	29 1883	C 4896	176	18286	12 32.99	5659	211	28 57 1.6	929	341	10.17	+ 59	- 507	7.26	K 0
4629	26 1922	C 4897	179-80	18293	12 35.33	5150	190	26 23 24.2	932	336	13.4	+ 10	- 48	9.2	G 5
4630	28 1732	C 4899	184	18294	12 43.22	5569	207	28 31 32.5	939	341	10.8	+ 20	- 2	8.9	F 5
4631	30 1842	C 4900			9 12 48.14	+3.5856	-0.0219	29 56 30.4	-14.944	-0.343	11.6	- 6	+ 18	9.5	
4632	30 1845	L 3817			13 13.29	5882	221	30 7 14.1	968	342	9.8	- 79	- 65	8.5	G
4633	30 1847	L 3819		18296	13 28.02	5893	222	30 12 0.1	983	341	11.5	- 92	- 67	8.5	G 5
4634	28 1735	C 4904	201		13 35.74	5573	209	28 39 5.3	990	339	11.3	0	- 29	9.2	
4635	26 1927	C 4906	212-3	18336-7	13 59.76	5166	193	26 37 53.7	15.013	333	11.4	- 5	- 29	6.63	K 0
4636	29 1887	C 4907	211		9 14 3.73	+3.5773	-0.0218	29 41 43.6	-15.017	-0.339	12.2	+ 6	- 36	9.7	
4637	25 2080	C 4908	216		14 7.58	4811	179	24 46 56.9	021	330	13.2	+ 18	- 67	8.8	
4638	25 2081	C 4909	219	18344	14 16.45	4955	186	25 33 46.2	029	330	11.9	- 10	- 4	8.1	F 5
4639	28 1737	C 4910			14 20.72	5556	209	28 39 28.0	034	338	14.2	+ 20	- 32	9.1	
4640	24 2070	C 4912			14 24.71	4778	178	24 38 12.5	038	329	12.4	- 26	- 27	9.21	A 0
4641	28 1738	C 4911			9 14 26.32	+3.5384	-0.0202	27 48 8.2	-15.039	-0.335	12.5	+ 9	- 15	8.9	
4642	31 1970	L 3825			14 34.01	6102	232	31 20 13.2	046	342	13.2	+ 9	+ 21	9.5	
4643	25 2083	C 4914	225-6	18355	14 36.60	4804	179	24 47 53.8	049	329	11.0	+ 30	- 96	7.81	G 5
4644	28 1739	C 4913	224	18352	14 38.74	5552	209	28 40 21.5	051	337	11.7	+ 28	+ 7	8.0	K 2
4645	27 1742	C 4916	229	18358	14 46.85	5326	200	27 32 43.7	059	334	12.2	- 7	- 11	8.7	F 0
4646	28 1740	C 4915			9 14 47.36	+3.5540	-0.0209	28 37 46.6	-15.059	-0.337	12.0			9.5	
4647	27 1743	C 4917			14 59.89	5275	199	27 18 29.4	071	333	10.7	- 41	+ 17	9.1	
4648	26 1931	C 4918	237		15 6.68	5038	189	26 5 36.2	078	330	11.4	+ 20	- 32	8.7	K 0
4649	29 1888	C 4919	254		15 51.44	5571	212	28 54 44.4	121	334	11.7	+ 24	- 10	9.7	A 3
4650	25 2084	C 4921	259	18390	15 56.73	4917	187	25 32 55.1	126	328	10.2	+ 41*	- 150*	7.26	G 0

4613, 4627, 4636-4638, 4643, 4647. Number of observations 4.
 4623-4. These stars form the pair Σ 1332, magnitudes 7.2 and 7.5.
 4632. This is the close double Burnham 5016.

4614. This is the principal star of Σ 1327. Number of observations 8.
 4628. This is the close double Σ 3121.
 4635, 4644. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	s	° ' "	"	"					
4651	26 1932	C 4922		18395	9 16 0.33	+3.5077	-0.191	26 23 45.4	-15.129	-329	11.6	- 46	- 22	8.1	F 5
4652	25 2085	C 4923	262	18399	16 13.43	4948	186	25 44 28.7	142	327	12.4	+ 1	- 2	8.8	K 0
4653	29 1890	C 4924	264	18402	16 24.14	5552	212	28 52 56.8	152	333	12.2	+ 20	- 4	7.9	F 2
4654	27 1745	C 4925	267		16 27.02	5226	198	27 13 44.5	155	329	12.6	+ 12	- 5	8.8	K 2
4655	29 1891	C 4927			16 30.50	5629	215	29 16 51.7	158	334	12.4	+ 32	- 34	8.5	
4656	26 1936	C 4930	287	18438-9	9 17 26.69	+3.4997	-0.189	26 8 34.5	-15.212	-325	10.0	- 27	- 36	8.2	G 5
4657	30 1855	L 3840	289-90		17 38.21	5864	226	30 34 53.2	222	334	10.4	+ 1	- 16	8.9	
4658	25 2087	C 4931			17 54.39	4802	182	25 8 55.8	238	324	12.2	+ 7	- 35	9.5	
4659	31 1974	L 3844			18 19.06	6021	235	31 25 51.8	261	334	12.5	- 100	- 55	9.5	
4660	25 2088	C 4933	305	18465	18 19.47	4870	187	25 34 5.2	262	323	11.4	- 92*	- 3*	6.46	G 5
4661	24 2077	C 4934			9 18 22.53	+3.4710	-0.180	24 42 13.1	-15.264	-321	12.2	+ 6	- 14	8.86	K 0
4662	28 1745	C 4935	308		18 37.04	5381	207	28 17 6.1	278	328	11.7	+ 18	- 46	8.1	F 5
4663	26 1938	C 4936	319	18469	18 53.78	4996	191	26 18 19.7	294	323	10.6	+ 9*	- 50*	6.82	K 0
4664	28 1746	C 4937		18479-80	18 58.50	5414	209	28 30 8.8	298	328	11.2	- 8	- 27	9.1	
4665	32 1872	L 3849			19 1.30	6108	240	31 56 30.6	301	334	14.6	- 23	- 28	9.5	
4666	25 2089	C 4938	322		9 19 2.75	+3.4721	-0.181	24 50 32.1	-15.302	-321	12.2	- 3	+ 9	8.16	F 8
4667	31 1977	L 3850			19 7.55	5934	232	31 6 59.7	307	342	12.7	- 2	+ 18	9.5	
4668	30 1861	L 3851			19 16.37	5807	225	30 30 34.9	315	330	13.0	- 21	+ 36	9.5	
4669	26 1939	C 4940	330-2	18491-2	19 24.97	5034	194	26 34 12.6	323	322	12.2	- 23*	- 53*	4.61	K 0
4670	27 1750	C 4941			19 28.73	5127	198	27 4 13.3	327	323	12.7	- 2	- 18	8.5	A 2
4671	30 1862	L 3854	335		9 19 39.19	+3.5799	-0.226	30 31 16.4	-15.337	-330	13.0	- 4	- 7	9.1	
4672	29 1896	C 4942			19 46.10	5619	219	29 38 27.2	343	328	13.4	+ 4	+ 3	9.5	
4673	25 2091	C 4944		18513	19 46.89	4848	186	25 36 45.2	344	322	11.7	+ 24	- 1	8.1	A 2
4674	30 1864	C 4943	340	18504	19 47.93	5677	221	29 56 3.2	345	328	11.5	- 12	- 6	8.81	B 9
4675	26 1940	C 4946	346-7		19 53.32	5039	194	26 39 3.1	350	321	12.2	+ 47	- 36	9.1	
4676	25 2093	C 4947			9 20 1.84	+3.4752	-0.183	25 7 19.3	-15.358	-319	14.3	- 19	- 31	8.5	F 8
4677	31 1978	L 3860	351-2	18522	20 7.18	5860	230	30 53 8.5	363	329	12.7	+ 76	- 190	7.77	G 5
4678	29 1899	C 4949			20 10.90	5530	216	29 14 31.0	366	326	13.5	+ 48	- 38	8.9	F 8
4679	26 1941	C 4953	360-1	18541	20 33.76	5013	194	26 35 33.9	388	321	12.5	- 23	- 4	8.8	K 2
4680	31 1979	L 3863	357		20 35.65	6015	238	31 42 15.9	389	330	12.9	+ 30	- 12	9.1	
4681	30 1866	C 4954			9 20 40.26	+3.5624	-0.220	29 46 50.6	-15.394	-327	12.1	+ 7	- 23	9.5	
4682	29 1900	C 4955	365	18543	20 44.42	5476	214	29 2 27.1	398	325	9.7	- 57	- 77	8.1	F 8
4683	31 1982	L 3866			20 54.69	5972	236	31 32 11.0	407	329	12.5	- 12	- 21	9.1	
4684	26 1942	C 4957	375	18550	20 57.51	4887	186	25 57 55.6	410	319	11.7	+ 6	- 51	8.7	F 8
4685	31 1984	L 3867	376	18552	21 10.75	5972	236	31 34 22.9	422	328	11.8	+ 36	- 45	8.6	G 5
4686	26 1944	C 4958	386	18563	9 21 28.70	+3.5020	-0.195	26 44 38.3	-15.439	-320	10.9	+ 19	- 175	8.6	G 5
4687	28 1754	C 4959	387		21 31.07	5264	205	28 2 20.4	441	322	11.2	- 31	- 14	8.7	
4688	30 1868	L 3870			21 35.72	5780	228	30 41 15.4	445	326	10.7	- 14	- 37	8.7	
4689	29 1903	C 4960	397		22 3.45	5558	220	29 37 29.0	471	323	10.6	+ 4	- 22	8.86	K 0
4690	30 1869	L 3874			22 30.41	5650	223	30 9 9.9	496	322	12.6	- 1	- 23	9.2	
4691	32 1884	L 3873	402		9 22 31.40	+3.5993	-0.240	31 51 28.7	-15.497	-327	14.3	+ 2	- 78	8.7	
4692	26 1948	C 4965			22 51.98	4911	193	26 19 9.7	516	316	13.0	+ 11	0	9.5	K 0
4693	28 1761	C 4964	412		22 53.45	5334	211	28 34 50.4	517	320	11.5	+ 24	+ 12	8.9	
4694	32 1886	L 3876	413		22 59.31	5964	240	31 46 46.2	523	326	13.6	+ 11	- 9	9.2	G 0
4695	27 1756	C 4967			23 3.05	5091	200	27 18 51.0	526	317	12.7	- 9	- 11	9.2	
4696	24 2089	B 3766			9 23 33.59	+3.4513	-0.174	24 11 51.7	-15.554	-310	11.9	- 40	+ 6	9.2	G 5
4697	26 1951	C 4968	426		23 41.65	4944	195	26 36 20.9	562	315	12.4	- 21	+ 1	8.3	K 0
4698	28 1763	C 4969			23 47.95	5195	206	27 58 1.6	568	316	13.0	+ 18	- 51	8.8	
4699	28 1764	C 4970			23 50.62	5262	209	28 19 35.0	570	317	11.9	+ 5	+ 4	9.1	
4700	28 1765	C 4973	442		24 19.75	5149	204	27 47 14.3	597	315	11.6	- 10	- 7	8.1	A 0

4662, 4664, 4665, 4667-4672, 4674-4679, 4681, 4682, 4684, 4687, 4688, 4692-4695, 4699. Number of observations 4. 4666f. Close double Burnham 5056.
 4669. Burnham 5062. 4670. Burnham 5063. 4674. Burnham 5067. 4675. Close double Burnham 5070. 4680. Number of observations 3.
 4682. Close double Burnham 5077. 4683. Close double Burnham 5078. 4691. Close double Burnham 5089. 4696. Burnham 5102.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
4701	31 1990	L 3882			h m s	s	s	o ' "	"	"					
4702	29 1905	C 4974			9 24 36.94	+3.5881	-0.0238	31 35 47.6	-15.613	-0.321	13.0	- 10	- 4	9.1	
4703	30 1872	L 3884			24 40.44	5411	217	29 12 46.5	616	317	12.7	+ 8	- 32	9.5	
4704	29 1906	C 4975	427	18665	24 45.18	5646	227	30 25 59.2	620	320	14.3	- 9	+ 28	9.5	A
4705	31 1992	L 3885	449	18642	24 45.70	5389	216	29 6 41.0	621	317	10.0	- 8	- 23	8.0	K o
4706	25 2105	C 4977	453		24 49.74	5900	239	31 43 18.1	624	321	11.9	- 12	- 25	7.60	B 8
4707	30 1873	C 4978			9 24 54.89	+3.4641	-0.0182	25 4 29.5	-15.629	-0.309	10.6	- 14	- 6	8.5	K o
4708	25 2106	C 4980			25 9.11	5544	223	29 58 7.8	642	318	13.2	- 31	- 16	8.8	F 8
4709	29 1907	C 4979			25 10.20	4712	185	25 30 24.3	643	309	12.8	0	+ 4	9.5	
4710	25 2108	C 4982			25 11.98	5454	219	29 30 31.9	644	316	13.2	+ 64	+ 2	9.1	
4711	29 1908	C 4984	452		25 42.97	4658	183	25 16 6.5	673	308	11.2	+ 26	- 68	9.5	
4712	31 1995	L 3891			9 25 50.33	+3.5472	-0.0221	29 41 4.3	-15.679	-0.315	12.2	+ 13	- 4	9.09	G 5
4713	25 2109	C 4985	475	18679	25 53.90	5834	237	31 32 26.4	683	318	11.3	- 47	- 22	9.5	
4714	28 1768	C 4987	477	18692	25 54.77	4685	186	25 26 35.5	683	308	11.5	+ 16	- 21	8.7	Ma
4715	31 1996	L 3893			26 2.47	5108	205	27 47 0.9	690	312	12.3	- 14	- 28	6.59	A o
4716	25 2110	C 4988			26 7.51	5803	237	31 25 3.7	695	318	14.4	+ 45	- 29	9.5	
4717	25 2111	C 4989	486-7		9 26 16.00	+3.4690	-0.0187	25 31 4.4	-15.703	-0.309	14.2	+ 9	+ 13	9.5	
4718	26 1957	C 4990			26 19.70	4564	182	24 48 38.6	706	307	13.5	- 30	- 27	8.76	K 2
4719	27 1768	C 4991			26 25.59	4807	193	26 11 18.0	711	308	14.6	- 5	- 14	9.2	
4720	25 2112	C 4992			26 28.55	4980	200	27 9 6.6	714	310	13.8	- 34	- 65	8.6	G o
4721	25 2113	C 4993	491	18699	26 32.11	4629	185	25 12 13.1	717	308	14.0	+ 3	- 78	9.1	
4722	31 1999	L 3897			9 26 40.45	+3.4653	-0.0186	25 21 36.0	-15.725	-0.307	12.5	- 5	+ 2	8.7	K o
4723	27 1770	C 4994	494		26 48.30	5671	231	30 50 45.5	732	316	14.0	- 23	- 18	9.1	G
4724	24 2099	B 3785			26 49.92	4986	201	27 13 31.2	733	309	11.5	+ 2	- 36	8.1	G 5
4725	30 1875	C 4997	498		26 55.58	4441	177	24 10 51.5	738	304	13.7	0	+ 5	9.2	
4726	27 1775	C 5001	504	18721	27 11.47	5493	224	29 59 2.0	753	317	14.0	- 2	+ 7	9.2	F
4727	31 2000	L 3903	507	18723-4	9 27 30.55	+3.5000	-0.0202	27 23 32.6	-15.770	-0.308	11.3	- 107	- 234	7.13	K o
4728	27 1776	C 5004			27 41.82	5671	232	30 58 5.6	780	315	11.6	+ 6	- 54	7.9	K o
4729	29 1913	C 5005	515-25	18742	27 45.26	5032	204	27 35 45.6	783	308	10.6	- 18	- 23	8.5	F o
4730	29 1914	C 5007			28 2.27	5241	214	28 46 2.1	798	310	10.5	- 6	- 38	6.35	A 2
4731	26 1965	C 5009			28 12.62	5333	218	29 16 46.8	808	310	11.0	- 26	- 15	9.1	G 5
4732	27 1779	C 5011	537		9 28 32.45	+3.4855	-0.0197	26 43 29.1	-15.826	-0.305	10.8	- 8	+ 11	9.2	
4733	27 1780	C 5012			28 45.41	5036	205	27 45 6.9	837	307	11.5	- 10	+ 33	8.1	F 5
4734	25 2118	C 5013			28 47.40	4936	201	27 12 22.8	839	306	11.0	+ 5	- 46	8.5	K o
4735	31 2001	L 3907			28 47.41	4592	185	25 16 22.8	839	303	12.2	+ 14	- 7	9.2	G 5
4736	31 2002	L 3908			29 6.09	5698	236	31 18 28.1	856	312	14.0	- 25	+ 8	9.5	
4737	31 2003	L 3910		18789-90	9 29 21.86	+3.5623	-0.0233	30 57 42.0	-15.870	-0.311	11.4	- 27	- 14	8.7	G o
4738	30 1877	L 3911			29 31.53	5709	237	31 25 39.9	878	311	10.8	+ 6	- 27	8.5	A 5
4739	25 2121	C 5016			29 40.50	5547	229	30 36 45.8	886	309	12.7	+ 5	- 26	9.5	
4740	28 1771	C 5015		18805-6	29 51.85	4574	185	25 18 18.9	896	300	12.4	+ 3	- 29	9.5	
4741	28 1772	C 5017	558-9		29 53.60	5114	210	28 20 4.8	898	305	11.4	- 15	- 27	8.3	K o
4742	26 1974	C 5018	562-3	18807-8	9 29 55.36	+3.5188	-0.0214	28 44 13.9	-15.899	-0.306	12.0	+ 30	+ 21	8.3	
4743	31 2007	L 3912	566	18811	29 56.52	4799	196	26 35 39.3	900	302	9.8	+ 7	- 30	7.8	B 9
4744	27 1781	C 5019	572		30 8.98	5703	239	31 29 2.6	912	310	10.2	- 52	- 40	7.96	F 5
4745	26 1977	C 5020			30 18.44	4956	204	27 31 4.9	920	303	10.8	+ 24	- 29	9.1	
4746	30 1879	C 5021			30 18.62	4819	198	26 45 19.0	920	302	10.6	- 17	- 31	9.5	
4747	28 1774	C 5024	585		9 30 30.56	+3.5378	-0.0224	29 50 20.4	-15.931	-0.307	9.4	- 19	+ 16	8.81	G 5
4748	28 1776	C 5027			31 15.96	5155	214	28 44 34.3	971	303	11.0	- 8	- 13	9.5	G
4749	31 2011	L 3919	587	18845-6	31 21.07	5084	211	28 22 3.9	975	302	10.4	+ 26	- 30	9.5	
4750	30 1883	C 5028			31 22.60	5684	239	31 33 56.5	977	308	9.6	+ 10*	- 42*	5.74	Ma
					31 27.44	5362	224	29 53 7.1	981	305	10.6	- 59	- 49	9.2	

4702-4704, 4708, 4711-4713, 4715, 4717-4722, 4725. Number of observations 4.

4722. Burnham 5125.

4729. Burnham 5134.

4746. Burnham 5150.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	s	° ' "	"	"					
4751	28 1780	C 5030	573	18855-6	9 31 34.51	+3.5041	-.0208	28 9 43.0	-15.987	-.302	9.2	- 15	- 3	7.07	K 0
4752	28 1779	C 5031	596		31 36.32	5080	211	28 22 41.8	989	302	10.4	- 109	- 110	9.2	
4753	28 1781	C 5032	599		31 38.76	5103	211	28 30 40.2	991	303	11.2	- 3	- 32	9.5	
4754	31 2012	L 3921	602		31 53.24	5686	240	31 39 11.7	16.003	306	10.8	- 24	+ 8	9.2	F
4755	31 2014	L 3925		18867-8	32 7.18	5624	237	31 21 41.6	016	306	9.8	+ 12	- 29	8.1	G 5
4756	25 2126	C 5038	618		9 32 25.89	+3.4432	-.0182	24 48 5.4	-16.032	-.294	10.4	- 41	- 12	9.01	G 0
4757	25 2127	C 5039	626	18888	32 41.02	4473	185	25 4 30.5	045	294	9.2	- 77*	- 27*	6.60	F 8
4758	24 2110	B 3803	628		32 47.79	4368	180	24 28 18.8	051	293	10.4	- 10	+ 10	8.5	F 5
4759	25 2128	C 5040			33 1.88	4551	188	25 34 33.4	064	294	12.2	- 26	- 14	9.2	
4760	26 1985	C 5041	637	18902	33 11.21	4581	189	25 46 17.9	072	293	11.7	- 7	+ 3	8.1	G 5
4761	28 1785	C 5042	636	18898	9 33 13.06	+3.5045	-.0211	28 24 39.7	-16.073	-.298	10.9	- 4	- 7	7.9	G 0
4762	31 2018	L 3929	634	18896-7	33 16.85	5553	235	31 10 1.6	077	302	12.6	- 12	- 37	8.7	F 0
4763	27 1790	C 5044			33 20.92	4782	200	26 57 0.0	080	296	12.6	+ 7	+ 7	8.8	
4764	30 1885	L 3930			33 27.17	5379	227	30 16 2.7	085	302	12.6	- 23	+ 8	8.8	F 2
4765	30 1887	L 3931	642	18908-9	33 31.03	5432	229	30 33 31.1	089	302	10.4	- 8	- 14	8.02	G 0
4766	30 1886	L 3932			9 33 32.17	+3.5455	-.0230	30 41 0.0	-16.090	-.302	13.2	- 11	+ 8	8.9	
4767	29 1924	C 5045			33 33.02	5209	220	29 21 38.8	091	299	13.2	- 1	- 19	9.5	
4768	30 1888	L 3933	646		33 41.25	5450	230	30 40 53.8	098	302	11.2	+ 15	+ 2	8.9	
4769	25 2130	C 5047			33 46.76	4395	182	24 45 22.7	103	291	10.8	+ 3	- 14	9.2	
4770	26 1987	C 5048			33 48.33	4666	194	26 20 41.4	104	295	10.0	- 13	- 24	8.9	
4771	26 1989	C 5050	658	18927	9 34 2.46	+3.4563	-.0190	25 46 23.8	-16.116	-.292	8.4	- 1	+ 29	7.19	F 0
4772	29 1926	C 5051	674		34 49.05	5124	218	29 4 38.6	157	296	9.4	- 3	- 28	9.5	K
4773	30 1893	L 3935			35 0.03	5361	228	30 23 53.0	166	299	10.8	- 38	+ 6	9.5	
4774	28 1793	C 5053			35 5.17	5039	214	28 38 42.4	170	296	11.4	- 57	- 50	9.5	G
4775	25 2134	C 5054	679		35 14.40	4477	188	25 25 46.5	178	291	11.2	- 10	- 5	8.1	G 0
4776	26 1990	C 5055	685	18970	9 35 23.39	+3.4641	-.0195	26 24 46.2	-16.186	-.291	10.2	- 26	- 68	7.9	K 0
4777	31 2020	L 3939			35 32.77	5486	236	31 9 0.6	194	298	12.6	- 8	+ 16	9.5	G
4778	24 2115	B 3817			35 33.68	4316	180	24 30 45.7	195	288	12.4	+ 11	- 39	9.2	K 0
4779	28 1795	C 5056	689		35 42.06	4947	211	28 12 58.9	202	294	12.6	0	- 31	9.5	
4780	27 1794	C 5057			35 49.73	4738	200	27 2 22.8	209	291	10.7	0	- 21	8.9	
4781	27 1795	C 5058			9 35 57.51	+3.4817	-.0204	27 30 43.2	-16.215	-.292	11.8	- 21	- 1	8.9	G 5
4782	31 2026	L 3943	696	18987-8	36 15.87	5566	242	31 41 13.9	231	297	13.4	+ 11	- 33	6.08	K 5
4783	28 1797	C 5059		18990	36 22.57	4956	211	28 21 55.4	237	291	11.0	+ 18	- 16	8.7	G 0
4784	26 1991	C 5062	708	18999-9000	36 27.97	4600	195	26 19 22.6	241	290	11.6	- 9*	- 47*	6.43	K 0
4785	29 1933	C 5061	702		36 28.60	5117	219	29 16 49.1	242	293	10.6	+ 19	- 26	8.31	G 5
4786	29 1936	C 5064	719	19006	9 36 52.43	+3.5075	-.0218	29 6 8.5	-16.262	-.292	10.4	- 39	- 32	8.6	F 0
4787	31 2031	L 3949	725		37 6.35	5543	242	31 41 26.3	274	296	13.3	- 5	- 27	9.1	
4788	26 1993	C 5065	732	19026	37 11.26	4529	192	26 0 2.0	278	287	10.0	- 26	- 5	7.8	K 0
4789	30 1898	L 3952	739	19031-2	37 27.86	5315	231	30 31 19.5	292	293	9.6	- 32	- 3	6.68	A 5
4790	24 2121	C 5067		19040	37 42.70	4188	178	24 0 46.8	305	283	13.0	0	+ 13	8.7	G 5
4791	32 1923	L 3955			9 37 58.54	+3.5553	-.0244	31 53 4.5	-16.319	-.294	14.3	- 18	- 25	9.5	
4792	27 1800	C 5068	750	19046	38 2.36	4783	206	27 36 31.9	322	288	12.6	+ 14	- 16	8.7	K 0
4793	24 2122	C 5069			38 8.60	4286	183	24 40 8.7	327	283	13.4	+ 30	- 18	9.2	
4794	24 2123	B 3829		19057	38 13.34	4207	179	24 11 40.7	331	281	10.4	- 18	- 29	8.9	K 2
4795	25 2141	C 5070	754	19058	38 14.50	4341	184	25 1 2.8	332	285	9.2	- 4	- 69	8.8	F 8
4796	25 2142	C 5071	756	19060	9 38 16.29	+3.4338	-.0185	24 59 56.6	-16.333	-.283	9.4	- 27	- 44	9.1	
4797	30 1901	L 3958	752-3	19051-2-3	38 16.85	5268	230	30 23 19.3	334	291	9.2	- 21*	- 109*	5.73	A 2
4798	28 1800	C 5072			38 39.50	4856	210	28 7 31.0	353	287	10.4	+ 21	- 37	9.5	
4799	29 1938				38 51.17	5116	222	29 37 50.4	363	289	13.2			10.0	
4800	25 2144	C 5074			38 55.70	4441	190	25 42 43.8	367	283	10.7	- 57	- 52	9.1	

4757, 4774, Number of observations 4.

4800. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 8.001.		
					h m s	s	s	° ' "	"	"					
4801	26 1996	C 5076			9 39 1.71	+3.4447	-0.0190	25 46 3.0	-16.372	-283	12.6	+ 24	- 103	9.5	G o
4802	29 1939	C 5075	771		39 1.87	5037	219	29 12 46.7	372	288	12.6	- 19	- 1	8.7	K o
4803	25 2146	C 5077			39 13.66	4424	189	25 39 14.8	382	282	13.3	- 35	- 30	9.5	
4804	29 1942	C 5079	778	19091	39 38.87	5005	218	29 7 20.0	403	287	10.9	- 1	- 27	7.68	A 5
4805	28 1802	C 5081		19102-3	39 58.05	4828	210	28 9 21.5	419	284	11.0	- 26	- 50	7.40	F o
4806	27 1806	C 5083	794	19121	9 40 42.91	+3.4691	-0.0205	27 27 40.6	-16.457	-282	9.9	+ 36	- 22	7.9	K o
4807	24 2129	B 3836	797	19123-4-6-7-9	40 44.70	4152	179	24 11 20.7	458	277	11.4	- 30*	- 24*	3.12	G op
4808	31 2040	L 3962	795		40 52.74	5287	234	30 53 46.1	465	287	10.8	- 63	- 37	9.5	
4809	28 1804	C 5084			41 1.63	4805	211	28 10 52.2	472	282	10.6	- 40	+ 4	9.1	F 8
4810	24 2131	B 3842			41 18.17	4168	180	24 21 34.5	486	276	10.6	- 11	- 25	9.5	
4811	31 2044	L 3966	808		9 41 29.67	+3.5387	-0.0240	31 32 51.3	-16.495	-285	10.8	+ 54	- 67	9.1	K o
4812	27 1808	C 5086	815	19147	41 33.72	4649	204	27 20 23.6	499	280	11.4	+ 2	- 15	8.7	A 2
4813	27 1809	C 5087	817	19165	41 42.78	4685	206	27 34 29.0	506	281	10.4	+ 6	- 24	8.6	G o
4814	24 2133	B 3844	827	19172-3	42 16.11	4100	177	24 3 50.9	534	273	10.0	- 1	- 29	6.72	K o
4815	30 1911	L 3971	828	19171	42 26.15	5085	226	30 0 30.9	542	283	11.2	+ 10	- 3	8.1	K o
4816	27 1811	C 5090	837		9 42 46.67	+3.4651	-0.0205	27 31 49.9	-16.559	-279	10.4	- 14	- 42	9.5	
4817	31 2047	L 3973	834		42 48.17	5374	242	31 41 17.7	560	283	9.6	+ 16	+ 9	9.1	
4818	29 1948	C 5092	841	19179	43 7.11	4881	218	28 56 23.7	576	279	8.4	+ 14	- 13	7.7	A o
4819	25 2155	C 5095	852	19216	43 35.49	4213	185	24 57 54.5	599	273	9.0	- 24	- 4	8.1	A o
4820	31 2051	L 3977			43 42.73	5188	234	30 47 57.1	605	281	10.6	- 11	+ 1	8.8	
4821	30 1917	C 5096	853		9 43 45.19	+3.5029	-0.0225	29 53 56.7	-16.607	-285	10.4	- 8	0	8.91	K o
4822	30 1918	L 3979			43 50.40	5092	229	30 16 25.5	611	281	12.0	- 15	- 16	9.5	
4823	29 1950				43 55.80	4984	224	29 40 15.8	616	278	12.2			9.7	
4824	25 2157	C 5098	865	19224	44 5.14	4186	184	24 51 45.2	623	272	10.8	- 15	- 12	8.56	K 2
4825	25 2158	C 5100			44 13.08	4305	190	25 37 43.4	629	272	12.9	- 7	+ 2	9.2	K o
4826	25 2159	C 5101	870-1	19236	9 44 23.01	+3.4173	-0.0183	24 49 11.4	-16.638	-271	9.2	- 21	- 30	8.56	K o
4827	25 2160	C 5103			44 29.47	4218	186	25 7 15.8	643	271	12.8	- 10	+ 15	9.5	
4828	31 2053	L 3981	869	19230	44 29.62	5289	240	31 29 50.1	643	279	9.2	+ 38	- 38	6.87	A 5
4829	26 2009	C 5104			44 30.79	4361	193	26 1 17.5	644	272	12.3			9.5	
4830	26 2013	C 5107			44 50.00	4323	192	25 49 43.2	660	271	9.2	+ 19	- 21	8.9	K 2
4831	27 1814	C 5108		19253	9 44 57.43	+3.4551	-0.0203	27 15 24.5	-16.666	-272	10.6	0	- 33	8.9	K o
4832	25 2163	C 5109	886	19258	45 3.74	4183	185	24 58 50.4	671	270	9.4	- 25	+ 33	6.95	F 5
4833	26 2014	C 5110			45 10.31	4403	196	26 22 48.4	676	271	12.6	- 27	- 10	9.1	
4834	26 2015	C 5111			45 20.10	4413	197	26 27 42.5	684	270	14.2	+ 20	+ 19	9.5	
4835	32 1941	L 3983	892	19263	45 28.00	5317	243	31 48 47.1	690	278	11.2	+ 4	0	7.28	Ma
4836	24 2139	B 3856			9 45 30.63	+3.4031	-0.0178	24 4 33.1	-16.692	-269	12.5	- 1	- 16	9.5	K o
4837	24 2142	B 3858			45 52.74	4055	179	24 16 50.6	710	268	10.4	- 22	- 25	8.8	G 5
4838	30 1922	L 3984	902		46 1.45	5090	232	30 37 17.2	717	276	11.9	- 6	- 20	9.1	G 5
4839	29 1954	C 5112			46 1.73	4876	222	29 22 19.8	717	273	13.4	- 18	+ 22	9.5	F 8
4840	25 2164	C 5113			46 7.81	4245	189	25 31 52.1	722	269	12.9	- 15	- 28	9.5	
4841	25 2165	C 5114			9 46 14.35	+3.4219	-0.0188	25 22 47.9	-16.728	-267	11.7	+ 2	- 10	9.1	K o
4842	28 1814	C 5115			46 19.40	4638	209	27 59 41.7	732	271	11.2	+ 17	- 1	8.7	K o
4843	32 1943	L 3985	907	19285	46 23.50	5297	244	31 51 29.4	735	276	14.3	+ 1	- 32	8.5	
4844	25 2166	C 5116			46 23.81	4195	187	25 15 2.5	735	267	13.5	- 20	- 57	9.5	
4845	25 2168	C 5117			46 31.59	4173	186	25 7 55.0	741	267	11.0	- 41	+ 81	9.5	
4846	26 2017	C 5118	913		9 46 34.63	+3.4426	-0.0199	26 44 5.7	-16.744	-269	12.4	- 30	- 2	8.8	G o
4847	30 1923	L 3987			46 34.65	5059	231	30 31 56.9	744	274	13.7	- 47	- 25	9.5	
4848	30 1924	L 3988	909-10		46 35.12	5097	233	30 45 3.1	744	274	12.6	- 19	+ 43	8.6	F 5
4849	25 2169	C 5119	923	19303	46 46.61	4119	183	24 49 18.0	754	267	10.0	+ 11*	- 193*	5.33	A 2
4850	29 1956	C 5120			46 53.21	4906	225	29 41 18.0	759	271	11.4	+ 30	- 68	9.01	F 8

4804. Number of observations 6.

4807. Number of observations 60.

4839-4841, 4843-4845, 4848, 4850. Number of observations 4.

4847. Number of observations 3.

4850. A close double Burnham 5228.

No.	B.D.	A.G.C.	W.B. (2)	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001		
					h m s	s	s	° ' "	"	"					
4851	27 1818	C 5121	928		9 46 58.42	+3.4512	-0.204	27 19 42.9	-16.763	-269	11.2	+ 3	- 10	9.1	
4852	31 2059	L 3991	930-1		47 5.60	5092	234	30 48 32.8	769	274	12.9	- 97	- 29	8.6	G 0
4853	25 2170	C 5122	934		47 7.84	4222	189	25 31 51.2	770	267	11.3	- 36	- 21	7.8	K 2
4854	29 1958	C 5123			47 10.32	4780	218	28 59 24.1	772	271	13.0	- 38	- 24	9.2	
4855	27 1819	C 5124	935		47 15.68	4518	204	27 24 30.0	777	268	12.8	+ 96	- 175	8.1	K 0
4856	28 1815	C 5126		19313-4	9 47 17.71	+3.4645	-0.211	28 11 48.9	-16.778	-270	10.6	- 3	- 22	7.70	K 0
4857	29 1959	C 5128			47 30.02	4845	223	29 25 37.4	788	270	12.3	+ 9	- 54	9.5	G 0
4858	29 1961	C 5129			47 35.83	4870	224	29 35 32.0	793	270	13.2	- 18	- 21	9.5	
4859	26 2019	C 5130		19322-3	47 38.86	4352	196	26 25 52.4	795	266	11.1	- 163*	- 63*	4.10	K 0
4860	30 1925	L 4001	947		48 3.70	5045	233	30 42 2.9	815	271	12.9	+ 23	- 17	9.5	G
4861	29 1963	C 5131	954		9 48 26.68	+3.4851	-0.224	29 37 9.8	-16.833	-269	13.2	- 35	- 46	9.26	G 0
4862	26 2021	C 5132	958	19349	48 29.05	4278	194	26 5 32.8	835	265	10.9	+ 38	- 25	7.04	K 2
4863	26 2022	C 5133			48 34.87	4342	197	26 30 58.7	840	265	11.8	- 21	+ 30	8.8	F 8
4864	26 2023	C 5134	963		48 43.76	4370	198	26 42 58.9	847	265	13.0	- 22	- 1	9.2	
4865	28 1816	C 5136	966	19354	48 48.87	4593	210	28 7 11.6	851	266	9.7	- 21	- 13	7.57	A 0
4866	29 1964	C 5135	964		9 48 49.82	+3.4843	-0.224	29 38 16.8	-16.851	-269	10.8	+ 28	+ 5	9.08	F 5
4867	27 1821	C 5137	967		48 51.05	4527	207	27 42 56.2	852	265	11.6	- 13	- 18	9.1	K 0
4868	29 1966	C 5138			48 54.11	4719	217	28 54 9.4	855	267	12.6	- 34	- 21	9.5	
4869	31 2066	L 4007	975	19366-7	49 9.37	5084	237	31 6 49.8	867	270	10.8	0	- 27	8.1	F 5
4870	29 1969	C 5140	983		49 25.41	4740	219	29 6 46.7	880	266	10.2	- 53	0	8.1	F 5
4871	31 2067	L 4008	982	19372	9 49 29.58	+3.5128	-0.240	31 25 47.7	-16.883	-269	11.2	- 8	- 14	8.7	
4872	28 1818	C 5141	987		49 33.99	4518	207	27 46 40.7	886	264	11.5	+ 17	+ 9	8.9	K 0
4873	29 1970	C 5142			49 42.56	4787	222	29 26 49.6	893	266	11.4	- 42	+ 2	9.2	
4874	32 1952	L 4009			49 53.12	5185	244	31 49 22.5	901	269	9.8	+ 12	+ 2	8.7	
4875	25 2178	C 5143	991	19386	49 59.82	4083	185	25 3 57.3	907	260	9.0	+ 19	- 143	7.16	F 8
4876	31 2072	L 4010	1002		9 50 28.62	+3.5131	-0.242	31 36 59.0	-16.929	-268	10.2	+ 13	- 22	8.8	K 5
4877	25 2180	C 5144			50 35.31	4158	190	25 38 31.6	934	260	10.9	- 50	- 2	8.8	F 8
4878	27 1824	C 5145	1006		50 42.71	4409	203	27 16 40.4	940	261	10.8	+ 27	- 24	8.1	K 0
4879	30 1933	L 4013	1013	19406	50 55.71	4880	229	30 12 56.2	950	263	11.2	+ 5	+ 6	8.1	F 8
4880	26 2026	C 5147	1015-6	19410	50 58.04	4270	197	26 25 34.6	952	259	10.2	- 2	+ 6	8.1	K 0
4881	25 2182	C 5148			9 51 13.89	+3.4057	-0.186	25 4 54.7	-16.964	-257	12.0	- 12	- 17	8.8	
4882	25 2183	C 5149			51 16.00	4067	186	25 9 6.6	966	257	12.0	+ 2	- 39	8.8	
4883	25 2184	C 5150	1027	19429	51 38.68	4109	189	25 28 55.3	983	257	11.4	- 1	- 35	8.7	G 0
4884	28 1822	C 5151	1029-30	19431	51 45.09	4581	213	28 31 31.1	988	262	10.4	+ 20	- 60	8.1	F 8
4885	29 1973	C 5152			51 45.67	4737	222	29 29 31.9	989	262	11.3	+ 32	0	9.2	
4886	25 2185	C 5154	1032	19435	9 51 46.73	+3.4094	-0.188	25 24 19.0	-16.990	-257	11.6	+ 7	- 33	8.6	K 0
4887	29 1974	C 5153			51 46.80	4636	217	28 52 19.8	990	262	12.4	+ 12	- 26	9.5	
4888	28 1823	C 5155			52 0.13	4491	209	28 0 13.9	17.000	259	12.6	- 30	- 6	8.9	K 0
4889	24 2156	B 3877	1041-2		52 2.37	3944	181	24 26 44.9	002	255	9.4	- 3	- 23	8.7	G 5
4890	29 1975	C 5156	1038		52 3.89	4647	218	28 59 21.0	003	260	10.8	- 12	+ 8	7.42	K 0
4891	29 1976	C 5157			9 52 12.30	+3.4731	-0.223	29 31 57.8	-17.009	-260	13.0	0	+ 18	9.5	
4892	25 2186	C 5159		19457	52 15.04	4055	187	25 13 28.3	012	255	11.8	- 77	- 62	8.1	K 0
4893	29 1977	C 5158		1044	52 15.92	4741	223	29 36 2.3	012	260	11.6	- 12	- 3	8.21	G 5
4894	27 1829				52 28.38	4385	204	27 24 13.2	022	257	13.8			9.7	
4895	30 1936	C 5161			52 34.82	4786	227	29 55 8.6	027	260	12.0	- 1	- 13	9.5	
4896	26 2029	C 5162			9 52 37.02	+3.4179	-0.194	26 5 59.2	-17.028	-256	14.0	- 7	0	10.0	
4897	25 2189	C 5163		19474	52 42.24	4018	185	25 2 42.5	032	255	11.0	+ 25	- 71	8.5	K 0
4898	24 2157	B 3886			52 52.50	3890	179	24 12 42.3	040	252	11.6, 10.8	- 14	- 101	9.5	G 5
4899	31 2075	L 4022	1062	19481	53 4.91	4939	236	30 56 47.5	050	261	9.5	- 8	- 14	8.1	K 0
4900	30 1938	L 4023			53 6.49	4842	230	30 21 20.2	051	261	12.4	+ 4	- 24	8.7	

4851-4854, 4857, 4858, 4860, 4898, 4899. Number of observations 4.
4855. This star forms the close double Σ 1389, components 8.0 and 9.0.

4854. Burnham 5231.
4859. Number of observations 40.
4883. Σ 1397.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^{s.0001.}	Dec. ^{"001.}		
4901	29 1979	C 5165	1065		h m s	s	s	° ' "	"	"					
4902	29 1980	C 5167	1070		9 53 10.48	+3.4620	-0.218	29 0 42.2	-17.054	-257	11.7	+ 41	- 19	8.8	
4903	28 1824	C 5169	1071	19488-9	53 16.02	4603	218	28 55 10.5	058	257	12.5	+ 32	- 20	9.1	K 2
4904	30 1940	C 5168			53 17.30	4487	211	28 11 20.9	059	256	11.2	- 92	- 32	6.42	F 0
4905	25 2190	C 5171			53 17.54	4771	227	29 57 51.6	060	259	12.4	+ 4	- 29	8.2	K 0
4906	31 2078	L 4030	1082	19510	53 50.71	3959	184	24 49 46.0	085	251	9.8	- 22	- 39	9.01	A 2
4907	30 1943	L 4031			9 53 54.11	+3.4900	-0.236	30 51 11.2	-17.087	-259	9.0	- 16	- 73	8.1	K 0
4908	30 1944	L 4033			54 2.59	4868	233	30 41 15.9	094	258	12.4	- 36	- 60	9.1	
4909	30 1945	L 4035			54 3.54	4805	230	30 18 38.1	095	258	13.0	- 15	- 31	9.1	
4910	28 1826	C 5173	1088		54 7.76	4824	231	30 26 19.8	098	258	13.0	- 6	- 24	9.2	
4911	26 2030	C 5174			54 9.06	4427	209	27 57 19.9	099	255	10.7	- 261	- 57	8.0	G 0
4912	30 1946	C 5175		19516	9 54 15.70	+3.4113	-0.191	25 55 30.0	-17.104	-252	13.9	+ 33	- 3	8.9	K 0
4913	29 1983	C 5176	1093		54 24.99	4757	228	30 4 37.0	111	258	10.0	- 77*	- 50*	5.86	K 0
4914	32 1961	L 4037	1092	19518	54 29.14	4645	221	29 23 29.8	114	256	12.6	+ 2	- 27	9.1	A 2
4915	26 2031	C 5177	1094		54 32.12	5055	244	31 54 8.0	116	259	14.3	+ 5	- 30	8.5	
4916	30 1947	C 5178			54 32.30	4208	197	26 36 2.8	116	253	12.4	- 5	- 4	8.5	K 0
4917	25 2191	C 5179	1099	19529	9 54 38.03	+3.4698	-0.224	29 44 55.6	-17.121	-255	12.6	- 55	- 28	9.01	G 5
4918	28 1827	C 5180	1104-5		54 58.37	3956	184	24 59 5.1	136	249	9.2	- 188	- 53	7.91	G 5
4919	30 1950	L 4040			55 30.64	4492	214	28 36 32.2	161	253	9.2	- 17	- 141	7.9	G 0
4920	31 2082	L 4043			55 40.81	4811	233	30 38 15.7	168	255	9.2	- 139	- 57	9.2	
4921	29 1986	C 5182			56 2.24	4903	238	31 15 59.1	184	254	10.0	- 17	+ 8	8.8	
4922	31 2083	L 4044	1122	19554	9 56 8.07	+3.4571	-0.220	29 13 0.7	-17.189	-252	9.6	+ 24	+ 3	6.99	K 2
4923	29 1987	C 5183	1128		56 12.55	4857	236	31 1 6.9	192	253	10.1	- 53	+ 72	7.8	A 2
4924	29 1988	C 5184	1130		56 24.56	4529	218	28 59 56.3	201	251	10.4	0	+ 27	8.8	G 0
4925	24 2166	C 5185			56 29.60	4519	218	28 57 15.3	205	251	10.0	+ 1	+ 28	8.7	F 8
4926	24 2167	B 3909	1140-1	19566	56 35.24	3817	178	24 16 55.8	209	246	9.4	+ 5	- 9	9.7	
4927	25 2195	C 5189			9 56 49.35	+3.3831	-0.180	24 24 52.6	-17.220	-246	8.8	- 12	- 11	8.1	K 0
4928	27 1839	C 5190			57 16.06	4011	190	25 43 31.9	240	246	9.2	+ 13	+ 15	9.1	K 0
4929	26 2037	C 5192	1174		57 46.08	4203	201	27 6 14.3	262	246	14.0	+ 33	- 29	10.4	
4930	28 1833	C 5193	1177-80		58 26.44	4050	194	26 11 0.7	292	244	12.0	- 4	- 20	10.0	
4931	32 1972	L 4053	1182-3	19615	58 35.62	4417	214	28 40 2.5	298	247	8.8	- 17	+ 18	9.5	
4932	28 1834	C 5194			9 58 43.65	+3.4927	-0.244	31 55 15.0	-17.304	-251	8.2	- 15	- 12	8.5	K 0
4933	25 2197	C 5196			58 57.52	4289	208	27 53 4.1	315	245	14.2	+ 12	- 27	10.9	
4934	25 2198	C 5199	1193		59 9.80	3955	189	25 39 37.5	324	242	9.2	+ 17	- 15	9.1	
4935	28 1835	C 5198	1192		59 24.91	3950	189	25 40 1.8	335	240	8.8	- 39	- 29	8.5	K 2
4936	30 1956	L 4057	1199	19655	59 25.37	4336	211	28 17 0.4	335	244	8.9	+ 12	+ 9	7.90	A 5
4937	25 2199	C 5201	1213		9 59 54.92	+3.4614	-0.228	30 11 10.3	-17.357	-247	8.8	+ 3	+ 3	8.41	F 5
4938	27 1844	C 5202	1217		10 0 19.74	3855	185	25 9 24.7	375	238	10.5	+ 7	- 74	8.7	
4939	25 2200	C 5203	1222-5		0 21.56	4110	199	26 55 37.5	376	241	11.0	- 160	- 95	8.8	K 0
4940	31 2095	L 4060	1211		0 22.72	3869	186	25 15 34.6	377	238	11.6	- 22	- 12	8.6	
4941	29 1990	C 5204	1226		0 26.54	4809	240	31 31 28.2	380	246	9.6	- 25	- 20	7.86	A 3
4942	29 1991	C 5205	1228		10 0 30.42	+3.4439	-0.219	29 9 39.2	-17.382	-243	10.9	- 29	- 39	8.7	K 0
4943	26 2042	C 5207			0 33.34	4425	218	29 4 31.2	385	241	12.2	- 12	- 23	9.6	G 5
4944	31 2097	L 4064	1234-5	19691	0 52.60	4006	195	26 18 15.9	399	240	12.2	+ 27	- 38	9.2	
4945	24 2177	B 3928	1240	19698	0 59.50	4816	242	31 40 11.0	404	245	10.8	- 1	- 39	8.4	G 5
4946	31 2098	L 4065			1 5.12	3713	178	24 16 21.3	408	237	10.2	- 8	- 22	8.3	K 2
4947	30 1959	L 4067			10 1 5.54	+3.4735	-0.237	31 10 42.3	-17.408	-244	12.2	+ 7	- 4	8.7	K 0
4948	28 1838	C 5209			1 13.58	4598	229	30 19 52.7	414	243	11.6	- 23	- 38	8.8	F 5
4949	29 1998	C 5211			1 23.03	4271	211	28 12 11.5	421	240	11.4	- 26	+ 5	9.6	
4950	29 1999	C 5213			1 47.62	4433	220	29 21 33.9	438	240	11.7	- 32	- 59	9.3	
					1 50.60	4367	217	28 55 56.9	440	239	12.0	+ 40	- 13	9.6	F 2

4901, 4902, 4910, 4911, 4941. Number of observations 4.

4940. Σ 1406.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^h . ^m . ^s	Dec. [°] . ['] . ["]		
4951	30 1961	C 5214	1255		10 1 58.95	+3.4518	-.0226	29 57 9.9	-17.446	-.240	10.7	8	19	7.36	F 5
4952	30 1962	C 5215	1257		2 1.32	4508	225	29 53 55.5	448	240	13.0	80	150	8.9	
4953	29 2000	C 5216			2 5.51	4473	223	29 40 34.0	451	240	11.4, 11.8	25	244	8.11	G 5
4954	24 2180	B 3933	1263		2 7.78	3658	176	24 2 41.2	453	235	13.1	32	3	9.0	K 0
4955	27 1847	C 5217	1264		2 15.08	4120	202	27 20 14.2	458	237	13.4	7	5	8.6	
4956	27 1848	C 5218	1266		10 2 21.80	+3.4101	-.0201	27 13 24.3	-17.463	-.237	11.4	25	15	7.98	F 8
4957	28 1841	C 5219	1267		2 25.89	4285	213	28 29 21.0	466	238	13.4	19	30	8.8	F 5
4958	30 1963	L 4076			2 39.65	4554	229	30 19 6.6	476	240	12.7	40	20	9.6	
4959	27 1850	C 5220			2 45.59	4074	200	27 6 29.4	480	236	12.2	20	13	9.3	
4960	27 1851	C 5221			2 49.38	4046	199	26 55 32.2	482	236	12.0	6	51	9.2	
4961	27 1852	C 5223	1287-8		10 3 3.65	+3.4085	-.0202	27 14 16.0	-17.493	-.235	10.1	9	2	8.2	K 0
4962	30 1966	L 4080			3 19.49	4575	231	30 35 9.8	504	238	12.4	32	49	9.6	
4963	31 2100	L 4081			3 22.69	4643	235	31 2 13.3	506	238	12.2	52	123	8.7	F 8
4964	31 2099	L 4082			3 23.12	4697	239	31 23 4.4	506	238	12.2	3	25	9.3	
4965	25 2203	C 5225	1293-5		3 25.43	3725	182	24 44 57.4	508	232	9.6	30	10	7.66	F 0
4966	25 2204	C 5226	1297		10 3 34.77	+3.3741	-.0183	24 53 27.0	-17.515	-.232	11.3	27	34	8.76	G 0
4967	32 1984	L 4085	1301-2		3 45.82	4748	242	31 47 16.4	523	239	11.3	9	16	9.2	K 2
4968	30 1968	L 4087			3 49.80	4580	232	30 43 5.8	525	238	13.3	49	67	9.6	
4969	26 2051	C 5227			4 0.59	3879	192	25 57 35.6	533	232	10.8	11	55	8.8	K 0
4970	25 2206	C 5229	1313		4 18.11	3737	184	24 59 17.9	545	230	11.4	99	105	8.8	G 5
4971	28 1844	C 5228	1310		10 4 18.85	+3.4223	-.0212	28 25 26.9	-17.546	-.233	11.6	13	20	8.9	
4972	27 1853	C 5230	1314-5		4 24.48	4086	204	27 29 45.7	550	232	10.4	12	20	8.0	F 0
4973	29 2006	C 5233			5 13.90	4258	216	28 50 12.5	585	233	10.6	13	18	9.2	
4974	28 1847	C 5234	12-3-4		5 17.98	4226	214	28 38 4.6	587	232	9.4	31	29	8.7	K 0
4975	25 2209	C 5235	21		5 31.04	3709	184	24 59 35.4	597	228	10.4	68	19	9.6	
4976	25 2210	C 5236	22		10 5 31.60	+3.3697	-.0183	24 54 21.1	-17.597	-.228	12.6	2	23	10.0	
4977	24 2189	B 3949	25	19794	5 34.85	3617	178	24 19 28.7	599	228	9.3	3	25	7.91	G 5
4978	31 2104	L 4098	33		6 5.89	4630	239	31 30 11.4	621	234	12.0	12	15	9.6	
4979	31 2105	L 4101	40		6 18.22	4584	236	31 14 25.7	629	232	10.3	11	43	9.2	K 0
4980	28 1850	C 5241	47	19813	6 28.70	4143	211	28 17 13.9	637	229	10.6	12	44	8.2	K 5
4981	30 1974	L 4103	52-3		10 6 36.28	+3.4477	-.0231	30 35 33.8	-17.642	-.231	9.2	41	43	8.34	K 0
4982	24 2192	C 5243	57	19819	6 39.96	3624	179	24 33 41.2	644	226	11.2	28	28	8.81	A 5
4983	30 1975	C 5244	56		6 42.81	4373	224	29 55 7.8	646	231	10.6	13	27	8.4	A 0
4984	24 2193	B 3953	60	19821	6 49.11	3572	177	24 11 50.0	651	226	12.0	288	62	8.6	G 0
4985	30 1976	C 5245			6 52.76	4414	228	30 13 40.6	653	231	12.4	62	76	8.8	
4986	27 1860	C 5248	70-1	19831	10 7 15.50	+3.4018	-.0203	27 32 59.2	-17.669	-.227	9.8	51	77	8.8	K 0
4987	32 1995	L 4106	66-7	19827	7 18.64	4633	242	31 46 28.9	671	231	10.5	8	82	8.8	F 5
4988	25 2212	C 5249			7 26.08	3710	187	25 20 21.6	676	226	9.4	11	24	8.7	
4989	28 1852	C 5251	77-8	19837	7 36.05	4169	213	28 41 13.0	683	228	9.1	9	6	6.96	G 5
4990	29 2012	C 5254		19871	8 1.32	4163	214	28 43 32.0	700	227	10.8	23	16	8.6	K 0
4991	28 1855	C 5255	95	19853	10 8 3.61	+3.4041	-.0206	27 52 4.1	-17.702	-.226	10.1	10	126	8.2	G 5
4992	32 1996	L 4110	90-1	19847	8 4.74	4615	242	31 49 24.5	703	230	12.4	25	15	8.0	F 5
4993	32 1997	L 4111	103	19854	8 14.05	4632	243	31 57 30.0	709	229	11.8	26	8	9.0	F 8
4994	26 2057	C 5258	113-4-5	19862	8 38.30	3850	196	26 35 47.0	726	224	10.5	9	3	8.0	A 2
4995	27 1862	C 5259		19865	8 44.82	3982	204	27 34 53.7	730	223	9.5	10	2	6.10	G 5
4996	32 1998	L 4112	116		10 8 45.75	+3.4583	-.0241	31 45 6.9	-17.731	-.228	10.4	64	11	9.0	
4997	32 2000	L 4114	120-1	19869	9 0.61	4593	243	31 52 18.5	741	228	9.9	10	56	8.0	F 0
4998	29 2015	C 5260			9 4.37	4193	217	29 8 51.1	743	225	11.4	8	15	8.8	
4999	29 2016	C 5261			9 4.97	4248	221	29 31 55.2	744	226	11.8	11	12	9.6	
5000	29 2017	C 5262	124		9 5.24	4146	215	28 49 1.5	744	225	11.6	32	99	8.8	G 0

4951. Number of observations 6.

4991. Burnham 5349.

4997. Number of observations 7.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
5001	31 2111	L 4115			h m s	s	s	° ' "	"	"					
5002	31 2114	L 4117			10 9 6.29	+3.4554	-0.240	31 37 36.6	-17.745	-228	12.1	+ 7	- 27	9.2	
5003	24 2203	B 3966			9 43.96	4506	238	31 26 18.4	770	225	10.8	- 5	- 25	9.2	
5004	32 2005	L 4119	137-8	19892	9 46.99	3521	178	24 20 6.2	772	219	10.8	+ 10	- 38	9.2	A
5005	26 2061	C 5266			9 56.43	4570	243	31 54 54.4	779	225	8.8	- 34*	- 18*	6.56	G 5
5006	25 2222	C 5267	150		10 3.14	3807	195	26 33 7.5	783	220	10.4	+ 8	- 12	9.6	
5007	26 2062	C 5270			10 10 34.99	+3.3656	-0.186	25 31 7.2	-17.804	-218	10.6	0	- 1	9.6	
5008	28 1862	C 5272			10 49.95	3751	192	26 16 54.0	815	218	9.2	- 19	+ 8	9.2	
5009	30 1981	C 5271	161		11 7.37	3964	206	27 54 56.6	826	219	11.5	- 74	+ 37	9.6	G
5010	25 2223	C 5273			11 7.85	4220	222	29 45 33.6	827	221	8.4	- 51*	- 34*	5.35	A o
5011	29 2021	C 5274	163	19927-8-9	11 9.02	3547	180	24 47 14.6	827	216	12.7	- 37	- 31	9.3	
5012	26 2063	C 5275	170		10 11 22.29	+3.4125	-0.216	29 7 59.4	-17.836	-219	9.7	- 37*	- 97*	6.51	G o
5013	24 2206	C 5276			11 32.48	3662	188	25 44 44.3	843	217	10.8	- 67	- 14	8.4	F 8
5014	27 1866	C 5277	171		11 34.76	3528	180	24 42 58.6	844	215	12.4	- 20	- 26	9.6	
5015	26 2064	C 5278	173		11 36.48	3901	203	27 33 20.6	845	218	12.6	0	- 50	9.3	K o
5016	25 2224	C 5279			11 40.31	3669	188	25 49 9.3	848	217	9.6	- 93	+ 31	6.01	K o
5017	30 1983	L 4127			10 11 45.57	+3.3546	-0.181	24 53 42.7	-17.852	-215	10.6	- 20	- 20	8.26	K o
5018	26 2065	C 5280	175		11 50.13	4252	226	30 8 1.1	855	221	10.8	- 10	- 18	8.9	Ma
5019	30 1984	C 5281	179		11 52.79	3729	193	26 19 0.7	856	215	11.6	+ 116	- 299	7.54	G o
5020	25 2226	C 5282			12 0.71	4228	224	30 0 12.1	862	220	12.3	- 46	- 3	8.8	G 5
5021	30 1985	C 5283	183		12 5.82	3627	187	25 34 44.2	865	215	13.5	- 38	- 5	8.8	A o
5022	31 2119	L 4132	184		10 12 17.73	+3.4210	-0.223	29 55 58.4	-17.873	-218	12.8	- 12	- 24	9.6	
5023	30 1986	C 5287			12 26.68	4405	236	31 20 12.0	879	219	11.8	+ 14	+ 1	7.88	Ma
5024	24 2213	B 3979			12 33.35	4198	223	29 54 23.1	883	217	11.7	+ 79	- 94	9.0	G 5
5025	31 2120	L 4134			12 50.26	3445	176	24 16 54.8	894	212	11.4	- 11	- 31	9.3	
5026	28 1866	C 5289	200		12 52.14	4326	232	30 52 43.7	895	218	11.6	- 3	- 38	9.3	
5027	28 1866	C 5289	200		10 13 0.86	+3.3920	-0.207	27 58 34.3	-17.901	-215	11.3	+ 28	- 11	7.9	F 2
5028	28 1867	C 5290	201		13 1.10	3920	207	27 58 29.8	901	215	11.5	+ 28	- 11	7.9	F 2
5029	30 1990	L 4136		19982	13 6.36	3902	206	27 51 54.9	905	215	10.3	- 17	- 8	6.46	B 9
5030	31 2121	L 4137	204		13 25.16	4223	227	30 16 13.0	917	217	9.4	+ 21	- 47	8.2	F o
5031	30 1991	C 5293	209		13 26.34	4336	234	31 4 6.6	918	217	11.9	+ 49	- 32	9.2	
5032	27 1871	C 5294			10 13 36.17	+3.4153	-0.222	29 48 17.7	-17.924	-215	12.8	0	- 39	9.31	G 5
5033	28 1869	C 5295	211		13 43.29	3858	204	27 39 54.7	929	213	13.4	- 18	- 5	9.3	
5034	25 2231	C 5297	218		13 45.97	3880	206	27 50 4.4	931	213	12.5	+ 25	- 42	9.2	
5035	25 2232	C 5298	220		14 0.03	3526	182	25 9 46.2	940	210	9.6	- 37	- 17	6.60	K o
5036	26 2069	C 5299	224		14 12.62	3477	179	24 48 57.1	948	209	9.4	- 9	- 35	7.76	K 2
5037	30 1994	C 5300			10 14 22.03	+3.3702	-0.194	26 36 18.3	-17.954	-211	11.2	- 12	- 3	8.8	K o
5038	28 1870	C 5302			14 38.50	4124	222	29 49 28.2	965	213	11.0	- 22	- 34	9.26	G o
5039	27 1875	C 5303	235		14 51.72	3889	207	28 7 39.9	973	210	12.4	+ 27	- 20	9.2	K o
5040	30 1995	L 4147			14 55.08	3742	197	27 1 17.8	975	209	12.6	- 133	- 101	9.6	
5041	29 2028	C 5304			14 57.20	4182	227	30 18 46.9	977	214	14.0	+ 66	- 53	9.6	
5042	29 2029	C 5306			10 14 57.42	+3.3988	-0.213	28 53 32.1	-17.977	-211	11.7	+ 9	- 13	8.9	G o
5043	26 2072	C 5307			15 1.39	4097	220	29 42 41.4	980	212	12.1	- 74	0	9.11	F 8
5044	30 1998	L 4149	242		15 28.53	3612	190	26 7 50.1	997	208	12.2	+ 4	+ 19	8.8	
5045	32 2016	L 4150	244		15 28.60	4126	224	30 1 28.6	997	212	12.6	+ 24	- 16	8.7	
5046	29 2030	C 5308	246	20034	15 32.34	4384	241	31 52 50.8	999	213	14.3	+ 24	- 9	9.2	
5047	30 2000	L 4152			10 15 33.58	+3.4038	-0.218	29 23 43.3	-18.000	-210	10.6	+ 11	- 18	7.51	K o
5048	31 2125	L 4153			15 41.36	4135	225	30 8 5.6	005	212	11.8	- 22	+ 11	9.6	
5049	28 1871	C 5311	251		15 43.94	4270	233	31 6 56.7	007	212	12.2	- 28	+ 23	7.26	K o
5050	30 2001	L 4154			15 59.64	3864	208	28 11 3.9	017	208	11.8	+ 11	- 59	8.0	K o
					16 1.13	4192	229	30 37 6.5	018	211	12.7	- 9	- 49	9.0	

5006, 5027. Number of observations 4.

5018, 5023. Number of observations 6.

5026-7. These stars form the pair Σ 1421, components 8.5 and 7.5.

5026. Number of observations 3.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Procession.	Sec. Var.	Dec. 1910.0.	Procession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. .0001.	Dec. ".001.		
5051	31 2126	L 4155	.		h m s	s	s	° ' "	"	"					
5052	27 1879	C 5312	255		10 16 3.11	+3.4228	-.0231	30 53 32.9	-18.019	-.211	12.0	- 24	- 45	8.8	
5053	27 1878	C 5313	256		16 7.17	3726	198	27 9 3.9	022	208	12.2	+ 26	- 69	8.8	G 0
5054	29 2033	C 5315	262		16 7.31	3751	200	27 20 22.1	022	208	11.6	+ 19	- 15	8.6	G 0
5055	26 2077	C 5318	277	20062-3	16 24.30	3959	214	28 59 24.9	033	208	9.6	+ 45	- 28	8.1	K 5
					17 22.54	3541	189	25 57 14.6	070	204	10.3	+ 4	- 15	9.0	Ma
5056	25 2237	C 5319	279		10 17 27.79	+3.3490	-.0185	25 33 44.4	-18.073	-.204	11.9	- 39	- 63	9.0	
5057	29 2036	C 5320			17 31.85	3994	218	29 30 0.2	076	206	12.2	- 6	- 9	9.6	
5058	25 2238	C 5323	283		17 36.68	3500	186	25 40 5.2	079	204	12.6	+ 13	- 56	8.8	
5059	25 2240	C 5325		20099	17 38.69	3423	181	25 3 1.4	080	203	10.4	- 32	- 10	7.81	F 5
5060	25 2241	C 5326		20103	17 40.30	3445	183	25 14 0.4	081	203	11.8	- 68	- 49	9.0	
5061	31 2131	L 4162	285-6	20094	10 17 45.30	+3.4161	-.0230	30 47 9.2	-18.084	-.207	10.4	+ 22	- 31	8.6	A 3
5062	25 2242	C 5327			17 48.31	3476	185	25 30 57.2	086	204	12.8	- 16	+ 10	9.6	
5063	31 2133	L 4164	290	20105	17 54.54	4225	235	31 17 31.6	090	206	9.6	- 50	- 30	7.57	K 0
5064	25 2243	C 5329		20116	18 16.88	3458	184	25 27 50.8	104	201	12.0	- 54	- 82	9.3	
5065	27 1883	C 5328			18 17.19	3698	200	27 23 8.4	105	203	12.0	0	- 23	9.6	
5066	30 2004	L 4165	296		10 18 23.32	+3.4076	-.0226	30 18 15.8	-18.108	-.206	12.2	- 28	- 26	8.8	
5067	27 1884	C 5330	297	20117	18 23.98	3639	196	26 56 56.6	108	203	12.2	+ 15	- 13	8.9	F 8
5068	30 2005	L 4166	303	20125-7	18 36.34	4038	224	30 4 17.2	116	205	9.2	0	- 21	6.46	K 0
5069	26 2081	C 5336	312	20135-6	18 48.75	3513	188	26 1 29.4	124	201	10.1	+ 4	- 72	6.87	K 0
5070	30 2007	L 4170	314		18 57.17	4106	229	30 39 29.2	129	204	11.0	- 79	+ 60	8.7	G 5
5071	27 1888	C 5338	317	20143	10 19 4.71	+3.3603	-.0194	26 48 22.9	-18.134	-.201	11.2	- 28	+ 2	9.6	G 5
5072	24 2217	B 4005			19 6.42	3281	174	24 10 19.5	135	200	12.4	+ 48	- 33	9.6	
5073	31 2136	L 4173	327	20161	19 55.00	4098	231	30 49 51.2	165	203	9.4	+ 69	- 138	7.82	G 5
5074	25 2247	C 5341	334		20 2.14	3367	180	25 4 24.6	169	198	8.8	+ 18	- 203	8.2	G 5
5075	31 2137	L 4176	343		20 34.67	4105	231	31 2 2.4	189	201	10.6	- 48	- 46	9.2	
5076	31 2138	L 4177			10 20 35.66	+3.4181	-.0237	31 36 24.5	-18.190	-.202	10.5	- 13	+ 19	9.6	
5077	25 2248	C 5343	345		20 41.68	3422	185	25 40 12.8	193	197	10.4	0	+ 42	9.2	
5078	25 2249	C 5346	353	20202-3	21 15.91	3348	181	25 10 23.0	214	195	8.8	- 3	- 10	7.31	K 0
5079	26 2085	C 5348	354		21 21.29	3469	190	26 12 7.6	218	196	10.3	- 33	- 42	8.9	
5080	27 1890	C 5350	357	20212	21 38.75	3556	196	26 58 58.2	228	196	10.5	- 59	+ 8	8.8	F 8
5081	29 2046	C 5352	361		10 21 43.54	+3.3784	-.0212	28 49 58.1	-18.231	-.197	11.6	+ 5	- 22	8.8	F 5
5082	30 2014	L 4181	363	20218-9-20	21 55.43	3944	223	30 8 2.2	238	199	10.0	- 46	- 29	7.81	F 2
5083	25 2253	C 5354			21 55.63	3376	184	25 32 47.5	238	194	13.0	- 45	+ 4	9.6	
5084	27 1893	C 5355	366	20223	21 57.10	3563	196	27 6 7.0	239	195	10.8	+ 137	- 67	8.3	G 5
5085	25 2254	C 5356	367	20230-1	21 57.15	3358	183	25 24 21.6	239	193	10.8	+ 6	- 18	7.9	K 0
5086	31 2142	L 4183			10 22 8.56	+3.4096	-.0232	31 20 51.8	-18.246	-.198	13.3	+ 15	- 7	9.3	
5087	28 1879	C 5358			22 14.42	3706	208	28 19 48.0	250	195	13.5	- 23	- 39	9.3	
5088	24 2223	B 4018			22 21.42	3202	172	24 9 32.5	254	193	11.5	- 27	- 52	9.6	
5089	27 1895	C 5361	386		22 54.14	3606	201	27 40 16.7	274	194	10.9	- 78	- 59	8.4	G 0
5090	28 1886	C 5362			22 55.53	3663	205	28 8 45.5	275	193	10.4	- 40	- 39	9.3	
5091	29 2050	C 5363	391		10 23 11.55	+3.3743	-.0211	28 50 51.1	-18.284	-.194	11.2	- 47	- 12	9.3	
5092	31 2143	L 4185	390		23 12.14	4004	230	30 54 6.4	284	195	11.4	- 9	- 77	9.0	
5093	25 2255	C 5365	398		23 19.57	3317	182	25 20 58.4	289	190	11.4	+ 153	- 136	9.2	
5094	27 1896	C 5366	400		23 21.96	3481	193	26 44 31.2	290	192	9.9	+ 3	- 28	9.3	F 5
5095	27 1897	C 5369		20291	23 43.61	3548	198	27 23 0.5	303	191	8.8	+ 28	- 25	8.06	K 0
5096	30 2021	L 4187	409	20293-6	10 23 57.36	+3.3889	-.0224	30 11 18.3	-18.311	-.193	8.6	+ 5	- 25	6.68	K 0
5097	24 2227	B 4026			24 2.48	3179	173	24 18 34.5	314	189	11.5	+ 12	- 35	9.6	
5098	26 2095	C 5370	415		24 6.27	3416	190	26 21 31.3	317	190	12.6	+ 20	+ 7	9.6	G 5
5099	28 1887	C 5371			24 11.68	3605	203	27 57 34.8	320	192	12.2	- 37	- 32	8.6	F 8
5100	28 1888	C 5373			24 19.73	3645	206	28 19 31.9	325	191	13.4			9.6	

5056. Number of observations 6.

5074. Close double Σ 1429.

5076. Number of observations 4.

5082. Σ 1432.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
5101	30 2022	L 4190	421	20309	10 24 20.80	+3.3870	-0.222	30 8 33.2	-18.325	-193	11.0	+ 13	- 42	8.8	
5102	30 2023	L 4191			24 27.05	3880	223	30 14 21.7	329	192	13.0	- 2	- 45	9.6	
5103	26 2097	C 5375	429-30		24 37.10	3436	192	26 38 37.3	335	190	12.9	+ 1	+ 4	9.2	F 0
5104	24 2229	B 4029	433-4	20318	24 38.02	3179	175	24 25 53.8	335	188	10.4	+ 1	- 4	8.2	F 0
5105	30 2024	C 5376			24 41.92	3838	221	29 58 22.4	338	191	11.9	+ 31	+ 33	9.2	
5106	29 2056	C 5377	435	20317	10 24 43.86	+3.3718	-0.212	29 0 59.3	-18.339	-190	11.1	- 39	- 26	8.2	K 2
5107	29 2057	C 5379	437	20324-5	24 51.02	3718	212	29 2 31.5	343	190	10.4	+ 24	+ 16	6.92	K 0
5108	28 1890	C 5380	439	20332	24 57.06	3623	206	28 17 12.4	347	190	10.0	- 24	- 22	7.76	F 8
5109	31 2145	L 4193	440		25 3.03	3997	232	31 18 36.0	350	192	11.2	- 58	- 31	9.3	
5110	31 2146	L 4195	444		25 10.32	4020	234	31 30 53.9	354	192	10.8	+ 14	+ 1	9.2	
5111	32 2037	L 4194			10 25 10.56	+3.4068	-0.238	31 53 9.7	-18.354	-192	14.3	+ 44	- 55	9.3	
5112	28 1891	C 5382	450	20340	25 20.37	3553	201	27 47 50.9	360	189	9.0	+ 7	- 27	8.2	K 0
5113	29 2058	C 5386			25 50.91	3696	212	29 6 10.7	378	188	10.0	- 16	- 27	9.6	
5114	31 2147	L 4199			25 53.51	3902	228	30 46 31.5	380	190	9.6	+ 12	- 29	9.2	
5115	30 2028	C 5387			26 1.98	3789	219	29 54 27.3	384	188	12.4	- 46	- 52	9.6	
5116	24 2234	B 4039	463	20368	10 26 16.70	+3.3143	-0.174	24 28 4.5	-18.393	-184	8.2	+ 22	- 13	8.4	K 2
5117	28 1893	C 5388	467		26 32.73	3603	206	28 30 14.4	402	187	14.0	- 3	- 3	9.6	
5118	31 2148	L 4202	466	20371	26 33.88	3973	233	31 30 15.3	403	189	9.8	- 25	- 4	8.4	K 0
5119	31 2149	L 4203	468		26 41.34	3969	233	31 30 25.0	407	189	13.4	+ 13	- 28	9.2	
5120	24 2238	C 5390	472-3	20379	26 47.80	3139	174	24 32 43.4	411	184	11.2	+ 7	- 56	7.86	G 5
5121	31 2150	L 4206		20378	10 26 55.01	+3.3926	-0.230	31 13 50.3	-18.415	-187	13.0	- 95	+ 81	9.0	G 5
5122	29 2060	C 5391			26 56.07	3664	211	29 6 32.7	416	185	12.4	+ 49	- 20	9.2	
5123	30 2031	L 4207	475	20380	26 57.54	3796	223	30 11 43.0	417	189	10.0	+ 66	- 23	7.81	G 0
5124	25 2258	C 5393			26 59.75	3206	179	25 11 8.4	418	183	9.6	- 14	- 26	7.91	K 0
5125	25 2260	C 5395	484	20391	27 19.89	3166	177	24 54 18.5	430	182	9.5	- 31	+ 6	7.16	F 0
5126	30 2032	L 4209	481		10 27 21.92	+3.3796	-0.224	30 18 4.4	-18.431	-186	10.7	- 4	- 24	9.2	
5127	32 2045	L 4211			27 25.66	3993	237	31 53 10.9	433	187	14.3	- 87	- 57	8.7	
5128	31 2152	L 4212	485		27 27.09	3939	232	31 27 54.3	434	186	12.2	+ 4	- 23	9.6	
5129	27 1901	C 5396		20405	27 44.56	3364	191	26 45 5.8	444	183	10.3	- 50	- 8	8.4	F 5
5130	31 2154	L 4217		20411	28 5.57	3887	230	31 13 13.7	456	185	10.4	- 1	- 146	8.3	G 0
5131	28 1899	C 5397	498	20415	10 28 15.72	+3.3522	-0.204	28 14 26.9	-18.461	-182	11.2	+ 45	- 81	8.4	G 5
5132	25 2263	C 5398	501	20417	28 18.62	3217	182	25 35 19.5	463	181	9.2	+ 15	- 19	7.74	K 0
5133	29 2061	C 5400	504		28 28.91	3645	214	29 20 19.0	469	183	12.4	+ 30	- 26	9.7	
5134	26 2101	C 5406	527-9	20460	29 44.81	3295	190	26 37 32.0	512	179	9.0	- 2	- 48	7.74	F 5
5135	28 1902	C 5407	530-2-3	20457-8	29 48.21	3499	205	28 25 43.5	513	180	9.2	+ 117	- 80	6.85	K 0
5136	26 2102	C 5408			10 29 49.45	+3.3227	-0.185	26 1 44.2	-18.514	-179	10.3	- 26	+ 2	9.6	
5137	27 1907	C 5413			30 25.67	3290	191	26 44 23.6	534	177	10.4	+ 50	- 197	9.6	
5138	29 2062	C 5417	545-6		30 41.60	3605	215	29 34 14.6	543	179	9.5	- 4	- 56	8.71	G 0
5139	31 2161	L 4225			30 47.33	3772	228	30 59 54.3	546	179	10.8	+ 65	- 33	9.6	G 5
5140	31 2164	L 4227	549		30 53.64	3753	227	30 51 59.4	550	178	9.4	- 8	+ 7	8.6	K 0
5141	31 2165	L 4228			10 30 57.33	+3.3781	-0.228	31 6 49.3	-18.552	-178	11.8	- 107	+ 9	9.3	G 5
5142	28 1907	C 5418	554		31 8.16	3384	198	27 45 8.9	558	176	12.6	+ 19	+ 12	9.2	A 2
5143	28 1908	C 5419	564	20502-3	31 46.79	3421	202	28 14 39.6	579	175	9.6	+ 38	- 62	8.7	K 0
5144	26 2104	C 5420	566-7	20507	31 49.44	3241	189	26 38 29.8	581	175	9.2	+ 18	- 16	8.9	K 0
5145	31 2167	L 4230			31 50.31	3806	232	31 33 54.1	581	178	10.8	+ 14	- 2	9.6	
5146	25 2271	C 5421		20520	10 32 24.33	+3.3108	-0.180	25 32 54.5	-18.600	-172	8.6	- 111	- 65	8.3	G 5
5147	25 2272	C 5422	582		32 25.75	3055	176	25 3 37.6	600	172	12.6	+ 9	- 16	9.7	
5148	25 2273	C 5423	583		32 26.08	3053	176	25 2 32.7	601	172	13.4	- 106	- 16	9.7	G 5
5149	25 2274	C 5426			32 30.86	3021	174	24 45 41.4	603	171	10.3	- 72	- 5	9.6	
5150	26 2106	C 5428	594		33 4.53	3133	183	25 56 53.6	621	171	9.8	- 3	- 26	9.0	F 5

5101, 5109-5111, 5142. Number of observations 4.

5106, 5107. Burnham 5446.

5107. Number of observations 6.

5137. This is the principal star of the pair Σ 1451, components 8.5 and 9.5.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. *0001.	Dec. *001.		
	°				h m s	s	s	° ' "	"	"					
5151	25 2277	C 5429			10 33 8.50	+3.3078	-0.179	25 27 13.7	-18.623	-171	10.5	- 20	0	9.6	F 8
5152	27 1914	C 5430	597	20541	33 11.03	3251	193	27 4 33.5	625	171	9.6	+ 165	- 90	8.7	K 0
5153	30 2043	C 5431	603	20544	33 17.21	3572	217	29 58 4.1	628	173	9.3	- 16	- 56	8.9	K 0
5154	26 2109	C 5432		20548-9	33 30.97	3168	186	26 22 59.2	636	169	8.4	- 5	- 19	8.7	G 5
5155	26 2110	C 5438	619-20	20561-2	34 2.46	3138	185	26 14 8.9	652	168	9.6	- 40	- 13	8.4	F 2
5156	29 2071	C 5437			10 34 3.72	+3.3513	-0.214	29 40 7.3	-18.653	-171	9.9	+ 12	- 27	9.01	F 8
5157	29 2073	C 5440	627-9		34 30.38	3449	210	29 13 11.9	667	170	9.7	- 15	+ 9	8.3	K 2
5158	31 2173	L 4245			34 36.94	3692	229	31 22 52.5	671	170	10.5	+ 34	- 33	9.3	
5159	27 1917	C 5441	637	20580	34 42.58	3212	191	27 6 20.7	674	169	10.6	+ 32	- 49	8.3	K 0
5160	26 2113	C 5443	650		35 5.41	3156	188	26 40 34.4	686	167	10.4	- 35	- 46	9.2	K 0
5161	28 1914	C 5445	651	20597	10 35 14.45	+3.3346	-0.202	28 29 8.6	-18.691	-168	11.4	- 50	- 23	9.0	F 5
5162	28 1915	C 5446	659	20605	35 21.76	3342	202	28 28 49.7	694	168	11.5	- 9	+ 6	9.2	
5163	28 1916	C 5447	660	20606-7	35 22.32	3289	199	27 59 40.4	695	167	9.2	0*	- 13*	6.93	A 2
5164	29 2077	C 5448			35 44.98	3437	211	29 26 51.8	707	167	11.0	+ 5	- 19	8.9	
5165	26 2116	C 5451	666	20612	35 52.97	3082	183	26 10 11.1	711	165	9.4	- 23	+ 20	7.73	K 0
5166	30 2049	L 4250	665	20610	10 35 55.75	+3.3568	-0.223	30 40 23.3	-18.712	-169	9.2	- 133	- 89	8.3	F 8
5167	30 2050	L 4251			35 57.13	3503	218	30 6 42.2	713	169	11.2	- 61	- 67	9.2	
5168	29 2078	C 5453	670		36 14.42	3378	207	29 2 45.3	722	166	11.0	+ 7	+ 23	8.4	K 0
5169	24 2260	B 4078	674-5		36 26.01	2890	171	24 25 51.8	728	163	12.1	- 31	- 41	9.0	G 0
5170	27 1923	C 5454	676		36 34.45	3135	189	26 52 4.4	732	164	11.4	- 80	- 14	8.9	F 8
5171	28 1917	C 5456	680	20622	10 36 39.07	+3.3229	-0.197	27 46 48.3	-18.735	-164	10.8	- 15	- 9	8.2	K 5
5172	25 2282	C 5459			36 46.95	2922	174	24 50 30.1	739	163	11.3	+ 31	- 16	9.6	
5173	30 2055	L 4254			36 52.49	3492	218	30 16 3.1	742	166	11.9	- 33	- 8	9.2	A 0
5174	26 2120	C 5461		20629	36 57.62	3050	183	26 8 33.2	744	163	11.9	+ 5	+ 41	8.8	K 0
5175	27 1925	C 5462			37 1.67	3188	193	27 29 36.2	746	163	13.4	- 56	+ 13	9.2	G
5176	29 2083	C 5463	697-8	20643	10 37 19.74	+3.3390	-0.210	29 28 14.4	-18.756	-163	9.5	- 61	- 5	8.4	F 8
5177	30 2057	L 4257			37 29.95	3452	216	30 5 0.6	761	164	12.7	- 53	- 53	9.2	
5178	25 2285	C 5467			37 41.26	2936	176	25 12 20.3	767	160	12.8	+ 43	- 41	9.6	
5179	29 2084	C 5468	706-8	20657	37 55.39	3353	209	29 17 16.2	774	161	11.2	+ 2	0	8.2	K 2
5180	25 2286	C 5469	710		37 55.98	2971	179	25 37 18.9	774	160	11.2	+ 5	+ 28	9.2	K
5181	27 1927	C 5470	713	20665	10 38 5.49	+3.3086	-0.187	26 47 53.9	-18.779	-161	10.8	- 79*	- 65*	5.55	A 2
5182	30 2060	C 5473	715-6	20666-7	38 11.80	3405	214	29 51 19.5	782	162	10.0	- 14	+ 29	7.81	F 2
5183	26 2123	C 5475		20676	38 29.15	3019	183	26 14 13.0	791	160	10.0	- 131	+ 74	9.3	G 0
5184	29 2087	C 5476	721-2	20674	38 31.13	3321	207	29 9 35.6	792	160	10.6	- 13	- 118	8.1	F 8
5185	28 1923	C 5478		20685	38 56.50	3173	196	27 52 35.4	805	159	10.5	- 171	- 83	8.8	F 8
5186	31 2177	L 4262	740		10 39 20.08	+3.3511	-0.224	31 9 48.0	-18.817	-160	11.8	0	+ 12	9.6	
5187	25 2290	C 5481	746		39 44.43	2905	177	25 26 11.0	829	156	11.3	- 22	- 68	9.2	
5188	30 2062	C 5483	749-50		39 55.36	3365	214	29 59 20.1	835	159	9.8	- 11	- 62	8.7	G 0
5189	25 2293	C 5484	756		40 10.09	2829	171	24 45 32.3	842	155	11.5	- 47	- 38	9.01	F 8
5190	24 2265	B 4091		20717	40 32.48	2751	166	24 3 8.4	853	154	10.8	+ 3	- 7	9.0	K 0
5191	28 1925	C 5486	767		10 40 44.41	+3.3179	-0.201	28 26 18.4	-18.859	-155	10.2	+ 19	+ 20	8.8	F 5
5192	25 2295	C 5487	772		40 45.91	2833	173	24 57 24.2	860	155	10.9	+ 3	- 15	9.2	
5193	31 2180	L 4269	773	20721	40 51.79	3460	224	31 9 23.7	863	157	11.3	- 20*	- 41*	5.37	B 9
5194	31 2181	L 4270	775	20722	40 53.66	3453	224	31 6 6.6	864	157	10.0	- 27	- 13	8.2	
5195	26 2125	C 5488		20733-4	41 8.06	2928	180	26 2 27.8	871	154	12.1	- 8	+ 17	8.7	K 0
5196	26 2126	C 5489		20738-9	10 41 13.12	+3.2945	-0.182	26 14 5.6	-18.873	-153	10.8	+ 51	+ 16	8.4	G 5
5197	26 2127	C 5491	782		41 22.23	2964	184	26 28 30.6	878	153	12.2	- 102	- 77	9.6	G 0
5198	26 2128	C 5490		20742-3	41 22.25	2926	181	26 5 13.8	878	153	12.1	+ 28	- 29	8.7	G 5
5199	31 2182	L 4273	781	20741	41 25.08	3441	223	31 8 57.3	879	156	10.0	- 32	- 16	8.4	F 0
5200	25 2297	C 5493	784		41 32.70	2822	172	25 3 2.1	883	153	11.8	0	- 6	8.8	K 0

5152. Σ 1454.

5157. Burnham 5510. Number of observations 6.

5181. Burnham 5535.

5193-5194. Burnham 5548.

5193. Number of observations 35.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
5201	26 2129	C 5494	786		h m s	s	s	° ' "	"	"					
5202	25 2298	C 5495	787		10 41 35.05	+3.2961	-0.184	26 29 56.9	-18.884	-153	13.2	- 31	- 38	9.7	
5203	24 2269	C 5496			41 36.32	2829	173	25 8 44.6	885	153	13.4	+ 12	- 39	9.2	K 0
5204		C 5497			41 52.19	2774	170	24 37 54.4	892	151	13.7	+ 15	- 8	8.81	K 0
5205	26 2130	C 5500	794-5		41 52.99	2776	170	24 37 14.2	893	151	12.1	- 8	- 22	8.8	
5206	31 2186	L 4277			42 10.94	2936	184	26 25 10.6	902	151	12.9	- 1	+ 24	9.6	F 5
5207	29 2090	C 5502			10 42 15.21	+3.3367	-0.220	30 43 0.7	-18.904	-154	13.3	- 12	- 20	9.3	
5208	30 2067	L 4278	798-9	20761-2	42 21.58	3166	203	28 47 42.5	907	153	13.4	+ 36	- 22	9.2	
5209	29 2091				42 23.53	3335	217	30 27 25.4	908	154	11.2	- 1	- 47	8.6	G 5
5210	27 1936	C 5503			42 24.31	3175	204	28 53 35.3	908	153	14.3			10.0	
5211	25 2299	C 5505			42 26.37	3024	191	27 23 7.3	909	152	8.0	- 8	- 15	7.32	K 5
5212	26 2133	C 5506		20782	10 42 52.04	+3.2759	-0.169	24 44 24.0	-18.921	-149	10.5	- 7	- 78	9.21	G 5
5213	30 2069	L 4282	823		43 3.99	2871	180	25 56 12.2	927	150	9.2	- 34	+ 3	9.2	K 0
5214	30 2072	C 5509	828	20806-7-8-9	43 43.06	3296	216	30 29 18.3	946	151	10.9	- 15	- 48	9.6	
5215	27 1938	C 5511	832	20811	43 59.55	3226	211	29 53 33.0	954	150	8.2	- 68*	- 53*	6.29	K 0
5216	26 2135	C 5513	839		44 5.10	2966	189	27 16 46.3	956	148	10.0	+ 4	- 20	8.8	K 0
5217	30 2074	L 4287	842		10 44 18.36	+3.2855	-0.180	26 9 59.1	-18.962	-148	12.9	- 21	+ 22	9.6	
5218	30 2075	L 4288			44 33.88	3265	216	30 26 48.1	970	149	12.4	- 3	- 22	8.9	G 5
5219	29 2093				44 38.40	3216	212	29 59 31.7	972	148	13.5	- 19	0	9.3	
5220	28 1931	C 5514	852	20830-1-2-3	44 54.85	3121	205	29 7 17.4	980	147	13.7			9.7	
5221	26 2136	C 5515	858	20840	44 57.11	3054	199	28 26 57.4	981	147	8.7	- 2*	+ 21*	6.12	F 5
5222	28 1933	C 5516	861-2		10 45 17.78	+3.2814	-0.179	26 1 15.1	-18.991	-145	11.3	+ 44	- 70	9.3	G 0
5223	30 2077	L 4290	860		45 29.38	3053	199	28 36 6.0	996	146	11.5	- 13	+ 9	9.3	
5224	27 1942	C 5517	880		45 31.03	3230	215	30 25 1.3	997	147	12.3	- 27	+ 24	9.3	
5225	26 2137	C 5519	863		45 31.49	2898	186	26 59 14.2	997	145	10.6	- 1	- 56	8.9	K 0
5226	30 2078	L 4292			45 34.75	2815	179	26 7 6.8	998	145	8.4	- 11	- 37	7.9	F 5
5227	25 2306	C 5523			10 46 9.26	+3.3196	-0.214	30 16 52.9	-19.014	-145	12.3	+ 32	- 75	9.3	
5228	26 2139	C 5524	872		46 11.03	2691	170	24 55 42.5	015	142	10.0	+ 30	- 5	8.6	F 5
5229	24 2280	B 4116			46 12.64	2796	179	26 7 8.1	016	143	12.0	- 73	+ 18	9.0	G 5
5230	30 2079	C 5526	881		46 20.50	2605	163	24 0 18.7	020	142	9.9	+ 6	+ 5	9.2	G 0
5231	28 1937	C 5528	889		46 37.59	3126	209	29 43 28.9	027	144	9.7	- 3	- 25	8.36	K 2
5232	32 2079	L 4296			10 46 47.08	+3.2936	-0.192	27 46 27.6	-19.032	-143	10.1	+ 14	- 37	9.6	K 0
5233	28 1942	C 5535	904		46 59.89	3325	227	31 50 45.6	038	144	12.9	- 27	- 10	7.8	G 0
5234	30 2081	C 5538			47 39.95	2991	199	28 38 53.4	056	142	12.6	- 12	- 21	9.7	
5235	26 2144	C 5539	907		47 45.91	3117	210	30 0 26.7	058	143	9.6	- 10	+ 4	8.9	
5236	31 2194	L 4303	906		47 50.02	2747	177	26 2 22.3	060	140	10.4	- 28	+ 26	8.8	A 3
5237	28 1945	C 5540	909-12		10 47 50.37	+3.3199	-0.218	30 51 44.8	-19.060	-143	9.6	- 6	- 16	8.2	
5238	28 1946	C 5544	922-3		47 53.16	2956	196	28 20 33.4	062	142	8.4	- 28	+ 3	7.44	F 5
5239	26 2145	C 5545	927	20941	48 31.20	2966	199	28 39 12.2	079	139	10.2	- 9	- 23	9.3	G 5
5240	31 2196	L 4306	928	20938	48 40.61	2782	183	26 41 13.5	083	139	8.2	- 25	- 7	7.28	Ma
5241	31 2197	L 4307	930-1	20940	48 44.59	3165	218	30 50 9.3	085	140	10.3	+ 5	- 21	9.2	G 0
5242	30 2083	L 4308			10 48 47.81	+3.3157	-0.217	30 46 10.1	-19.086	-140	9.3	- 45	+ 1	8.2	G 0
5243	31 2198	L 4310	942		49 6.67	3104	212	30 19 30.5	095	140	11.8	0	+ 9	8.9	
5244	26 2146	C 5546			49 23.32	3157	218	30 57 40.7	102	139	13.2	- 59	+ 23	9.6	
5245	31 2199	L 4311	943	20958	49 24.51	2754	181	26 36 5.9	103	137	12.7			9.6	
5246	29 2102	C 5547			49 27.54	3159	218	31 0 40.5	104	139	8.6	+ 27	- 21	7.42	F 5
5247	30 2085	L 4313	945	20937-66	10 49 34.20	+3.3002	-0.204	29 23 17.6	-19.107	-138	10.5	- 56	+ 16	8.9	F 8
5248	26 2147	C 5549	947	20972-3	49 39.28	3067	210	30 6 37.8	109	138	9.5	- 54	- 69	6.57	F 8
5249	27 1951	C 5550			49 49.04	2691	176	25 58 12.6	113	136	9.8	- 48*	- 6*	6.18	F 0
5250	24 2285	B 4132			49 52.68	2789	185	27 8 45.6	115	136	11.1	- 40	- 9	9.6	
					49 57.99	2535	164	24 14 5.3	117	135	9.9	- 53	+ 16	8.8	A 5

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	s	° ' "	"	"					
5251	29 2104	C 5552			10 50 23.95	+3.2916	-0.0198	28 44 13.5	-19.129	-136	13.0	48	27	10.0	} A 0
5252	25 2314	C 5554	965	20990	50 44.56	2599	169	25 13 48.1	138	133	12.3	55*	17*	4.51	
5253				966	20991	50 45.06	2599	169	25 13 45.9	138	133	11.0	55*	17*		6.30
5254	26 2148	C 5557			51 11.99	2667	176	26 10 13.0	150	132	9.8	150	100	9.6	
5255	31 2203	L 4319	972	21002	51 21.56	3144	221	31 31 14.7	154	134	9.4	69	47	8.2	F 5
5256	28 1952	C 5559	978	21008-9-10	10 51 24.65	+3.2840	-0.0192	28 13 23.9	-19.155	-133	9.62	338	145	8.6	K 0
5257	31 2205	L 4320	983		51 41.10	3138	222	31 34 42.1	162	134	10.3	3	15	9.6	F 5
5258	26 2152	C 5560	985	21020-1	51 41.56	2637	175	25 58 51.5	162	132	8.0	14	25	6.40	K 0
5259	29 2108	C 5563	990		52 13.41	2922	203	29 25 23.9	176	131	10.85	252	174	9.2	K 0
5260	26 2153	C 5565			52 17.27	2602	173	25 45 14.0	177	130	10.6	86	31	8.9	G 0
5261	26 2154	C 5566	991		10 52 20.92	+3.2627	-0.0175	26 3 53.2	-19.179	-130	12.2	31	7	9.6	} K 0
5262	30 2088	L 4321			52 23.30	2974	208	30 3 39.5	180	132	12.2	11	20	9.6	
5263	24 2291	C 5567	994		52 23.67	2505	160	24 37 22.3	180	130	9.0	51	26	7.61	
5264	25 2317	C 5568			52 36.86	2523	166	24 54 7.4	186	130	10.2	19	75	9.3	
5265	31 2207	L 4322		21041	52 39.43	3063	218	31 8 2.3	187	132	9.7	7	27	7.86	A 2
5266	31 2210	L 4324	999	21047	10 53 2.36	+3.3090	-0.0221	31 33 51.3	-19.196	-131	10.8	18	20	8.28	A 3
5267	26 2156	C 5569	1005-6		53 3.68	2655	179	26 38 29.0	197	129	11.8	24	6	8.9	F 0
5268	25 2319	C 5571	1009	21051	53 17.33	2502	166	24 51 25.6	203	128	10.1	15	21	7.86	K 0
5269	27 1960	C 5572		21054	53 23.83	2665	181	26 52 3.7	205	128	10.8	17	7	8.8	G 5
5270	31 2211	L 4325	1011	21053	53 25.85	3044	218	31 12 29.8	206	130	10.2	4	3	8.6	K 0
5271	26 2159	C 5575			10 53 53.30	+3.2594	-0.0175	26 10 25.0	-19.218	-127	9.0	7	63	8.7	G 5
5272	28 1957	C 5577	1035-6	21088	54 35.45	2777	195	28 36 31.3	235	127	8.9	39	5	8.9	} 8.7 K 0
5273	26 2161	C 5579			54 47.23	2548	173	25 55 16.8	240	126	9.7	121	58		
5274				21095	54 47.44	2548	173	25 55 17.3	240	126	12.3	121	58		
5275						54 47.66	2548	173	25 55 18.1	240	126	9.7	121	58	
5276	26 2163	C 5582	1040	21097	10 54 57.04	+3.2532	-0.0171	25 46 20.4	-19.244	-125	10.0	111	11	8.9	G 5
5277	31 2216	L 4331			55 1.88	3014	219	31 28 53.6	246	127	10.9	16	15	9.73	K
5278		C 5585			55 29.68	2762	195	28 45 18.4	257	125	14.3			9.3	} G 5
5279	31 2218	L 4332			55 31.86	2984	217	31 20 25.4	258	126	12.0	56	3	9.2	
5280	26 2166	C 5586	1055	21109	55 35.58	2518	172	25 48 49.6	260	124	11.9	13	0	9.0		F
5281	24 2298	B 4154			10 55 45.87	+3.2386	-0.0159	24 11 23.4	-19.264	-123	11.4	23	50	8.6	G 0
5282	27 1965	C 5587			55 46.81	2592	179	26 48 23.1	264	123	11.2	42	68	9.3	G 0
5283	27 1966	C 5588			55 52.61	2622	183	27 12 16.3	266	123	12.2	1	36	9.3	} 9.0 F 0
5284	27 1967	C 5590	1060	21118	55 53.87	2652	186	27 34 53.9	267	124	12.1	4	20	9.0	
5285	29 2110	C 5589	1058	21117-46	55 54.17	2829	202	29 42 6.5	267	124	11.0	8	9	8.16	
5286	27 1968	C 5591	1063	21123	10 56 4.66	+3.2650	-0.0186	27 36 55.1	-19.271	-124	11.7	4	2	8.2		G 0
5287	28 1959	C 5592			56 7.89	2659	187	27 45 12.7	273	124	13.0	14	31	9.6	} G 5
5288	24 2300	C 5593	1066-7		56 7.93	2404	162	24 33 9.6	273	123	11.1	26	186	8.41	
5289	26 2167	C 5594			56 15.98	2491	171	25 42 20.8	276	122	12.9	5	32	9.3	
5290	32 2098	L 4335	1071		56 31.39	2985	221	31 43 51.1	282	123	11.2	30	41	8.38		G 5
5291	30 2097	L 4336	1082		10 56 54.83	+3.2852	-0.0207	30 21 17.5	-19.291	-122	10.2	45	21	7.26	K 0
5292	31 2220	L 4337			57 2.92	2932	216	31 20 7.4	294	122	12.3	11	98	9.2	G 0
5293	29 2112	C 5596	1085		57 4.87	2733	197	28 59 58.1	295	122	12.4	4	0	9.2	} K 5
5294	28 1961	C 5597	1089	21155	57 15.17	2675	192	28 21 26.7	299	121	12.5	26	10	8.6	
5295	30 2099	L 4339			57 20.60	2830	206	30 15 25.1	301	121	13.6	59	15	9.2		F 8
5296	31 2222	L 4340			10 57 22.36	+3.2918	-0.0216	31 18 30.4	-19.302	-121	13.1	46	52	9.2	G 0
5297	31 2223	L 4341	1093		57 30.56	2879	212	30 54 25.6	305	121	11.0	29	15	8.7	F 5
5298	24 2305	B 4167		21163	57 33.38	2338	158	24 9 31.9	306	118	11.0	15	2	8.3	A 5
5299	31 2225	L 4342	1107		57 56.85	2864	212	30 53 58.3	316	120	10.4	16	33	8.2	F 2
5300	26 2169	C 5600	1108		58 12.03	2473	173	26 9 22.5	322	118	10.6	6	11	9.6	

5252-3. These stars form the pair Σ 1487.

5265. Burnham 5617.

5274. Observed as one mass.

5273 and 5275. Double star.

Number of observations 1.

5252. Number of observations 45.

Components about 9th magnitude.

5279. Number of observations 6.

5253. Number of observations 14.

5273, 5275, 5276, 5278. Number of observations 4.

5296. Σ 1501.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.		
												R.A. 2000.	Dec. 2000.				
5301	29 2116	C 5603	1109	21179-81	h m s	s	s	° ' "	"	"	"	+	6	-	21	7.29	K 0
5302	27 1970	C 5604	1111		58 17.63	+3.2729	-0.199	29 24 52.3	-19.324	-119	10.4	-	23	-	40	8.9	
5303	31 2228	L 4343	1110		58 19.18	2534	179	26 58 34.5	324	118	12.4	-	123	-	101	8.7	G 5
5304	26 2170	C 5605			58 20.66	2866	213	31 4 43.2	325	119	11.8	-	23	+	10	8.9	
5305	30 2100	L 4345			58 25.68	2445	171	25 52 33.0	327	118	12.4	-	9	+	13	9.2	Ma
5306	32 2100	L 4347	1118		58 30.51	2804	207	30 24 43.8	329	118	12.1	-	82	-	4	8.55	F 8
5307	26 2171	C 5606	1120	21197-8	10 58 52.73	+3.2901	-0.218	31 42 25.5	-19.337	-118	9.6	-	87	+	2	6.87	A 5
5308	29 2118	C 5609			58 54.09	2462	173	26 15 33.0	338	116	9.6	-	3	-	23	9.6	
5309	29 2120	C 5611	1144	21219-20	59 36.46	2657	195	29 1 46.3	354	116	10.9	+	15	-	29	8.06	K 0
5310	28 1963	C 5612	1145		59 42.33	2704	200	29 39 29.1	356	116	11.2	+	22	+	16	8.8	
5311	32 2102	L 4353	1143		59 43.15	2592	189	28 15 2.0	357	116	10.8	+	19	+	17	7.32	G 5
5312	27 1973	C 5618			10 59 44.05	+3.2889	-0.219	31 55 17.7	-19.357	-117	14.3	-	11	-	15	9.6	
5313	25 2335	C 5620	1156	21237	59 59.38	2509	180	27 16 54.5	303	114	11.6	-	297*	-	82*	7.49	G 0
5314	27 1976	C 5622	1158		11 0 27.40	2377	169	25 41 20.6	373	113	11.26	-	21	-	62	9.6	
5315	29 2122	C 5623	1157	21239	0 34.27	2488	180	27 13 5.3	376	113	12.9	-	6	-	34	9.2	F 5
5316	28 1966	C 5624	1163		0 35.47	2660	199	29 27 49.2	376	114	11.9	+	46	-	39	9.6	
5317	31 2231	L 4356			11 0 43.33	+3.2581	-0.189	28 30 29.6	-19.379	-113	12.9	-	24	-	29	8.8	Ma
5318	31 2232	L 4357			0 51.16	2781	211	31 4 55.0	382	114	11.5	-	24	-	71	9.6	G 5
5319	30 2105	L 4359	1168-9	21248	0 51.95	2821	216	31 34 33.9	382	114	11.7	-	43	-	21	8.2	K 0
5320	25 2338	C 5628			0 56.33	2730	206	30 29 7.3	384	114	10.0	-	32	-	12	8.81	G 5
5321	27 1978	C 5630			1 17.89	2283	160	24 42 47.6	392	111	9.8	-	37	+	24	8.9	
5322	27 1979	C 5631			11 1 31.34	+3.2483	-0.181	27 31 56.1	-19.397	-111	12.1	-	14	-	10	8.8	
5323	31 2234	L 4361	1178		1 40.76	2466	180	27 21 56.9	400	110	11.0	+	11	-	20	9.2	F 0
5324	29 2123	C 5634	1187		1 47.60	2776	213	31 25 4.9	403	112	12.2	+	8	-	14	9.2	
5325	26 2175	C 5635		21275	2 1.74	2570	192	28 52 56.8	408	110	12.4	+	20	+	18	8.4	G 5
5326	26 2176	C 5636	1191	21281-2	2 7.42	2370	172	26 13 1.7	410	110	11.7	-	47*	-	31*	6.73	F 5
5327	30 2107	C 5637			11 2 14.71	+3.2352	-0.170	26 1 26.6	-19.413	-109	9.0	-	12	-	31	9.6	G
5328	25 2340	C 5638	1199		2 31.10	2640	201	29 59 50.6	419	110	10.6	+	44	-	17	9.3	
5329	30 2109	C 5642			2 35.52	2292	163	25 18 51.3	420	109	10.8	+	20	+	53	9.51	G 5
5330	29 2125	C 5643	1222		3 38.08	2589	198	29 48 3.1	443	108	10.3	-	47	+	24	9.6	
5331	29 2126	C 5644			3 38.39	2511	190	28 45 56.4	443	107	10.6	-	37	-	9	9.6	
5332	30 2110	C 5646			11 3 53.52	+3.2558	-0.196	29 30 32.6	-19.448	-107	10.8	-	3	-	14	9.2	F 0
5333	25 2344	C 5647	1229	21327	3 58.48	2591	200	29 58 45.6	450	107	9.9	+	2*	-	2*	5.63	A 2
5334	28 1971	C 5648	1230	21329	3 59.47	2243	160	25 8 45.4	450	106	8.7	+	13	+	18	8.6	F 8
5335	30 2111	L 4369	1231-2	21331-2	4 4.77	2476	188	28 28 27.9	452	106	9.6	-	17	-	10	7.18	G 5
5336	30 2113	L 4370			4 9.87	2626	205	30 31 42.0	454	106	9.3	-	74	-	25	9.6	
5337	26 2180	C 5651	1		11 4 43.35	+3.2584	-0.202	30 13 3.0	-19.466	-106	10.8	-	9	-	13	9.7	
5338	27 1987	C 5656	25	21365	4 46.70	2318	172	26 33 1.2	467	105	11.3	+	6	-	30	9.6	
5339	31 2236	L 4373	24	21363	5 38.97	2325	175	26 59 58.2	485	103	11.2	+	19	-	12	8.2	A 0
5340	25 2346	C 5657	27	21366	5 41.08	2599	206	30 50 33.4	486	104	8.9	+	15	+	11	8.9	K 0
5341	31 2238	L 4375			5 48.93	2226	164	25 37 20.5	488	102	10.6	-	84	+	22	9.6	
5342	25 2347	C 5658	28		11 5 49.38	+3.2654	-0.213	31 38 54.3	-19.488	-104	12.3	-	15	-	32	9.7	
5343	31 2239	L 4376	30	21369	5 51.96	2204	162	25 18 19.6	489	100	12.3	+	33	-	23	9.0	G 0
5344	31 2238a				6 3.45	2596	207	30 58 51.9	493	103	11.7	+	456	-	212	9.0	
5345	27 1988	C 5659		21374	6 5.99	2591	207	30 56 18.0	494	103	14.28	+	19	-	17	8.4	K 5
5346	31 2240	L 4377	31	21368	6 6.14	2295	173	26 45 24.8	494	102	11.7	-	456	-	212	8.8	K 5
5347	26 2181	C 5661	39	21384	11 6 8.60	+3.2591	-0.207	30 56 21.9	-19.495	-103	11.46	+	7	+	7	8.7	K 0
5348	27 1989	C 5662			6 17.75	2273	171	26 31 9.9	498	101	10.8	-	18	-	8	9.3	
5349	29 2133	C 5664			6 31.79	2334	178	27 30 23.5	503	101	11.7	-	508			10.4	
5350	27 1991	C 5665	49	21393-4	6 47.53	2416	188	28 48 42.4	508	101	13.7	+	15	+	22	7.9	F 5
					6 51.91	2311	177	27 19 13.4	510	100	8.4	+					

5307. Number of observations 6.

5341. Burnham 5694.

5344 and 5346. Burnham 5695.

No.	B.D.	A.G.C.	W B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
5351	25 2350	C 5666			h m s	s	s	° ' "	"	"					
5352	31 2242	L 4381	61-3	21412	II 6 56.77	+3.2176	-0.0161	25 19 27.0	-19.511	-0.098	9.3	- 28	- 33	9.2	F 8
5353	25 2352	C 5667	77	21422	7 25.65	2530	204	30 42 29.8	521	100	9.2	- 47	- 14	8.4	K 0
5354	30 2121	C 5668	83		7 41.34	2144	160	25 8 25.9	526	97	9.5	+ 36	+ 18	8.3	A 5
5355	27 1992	C 5669	88	21437-8	8 0.25	2463	198	30 1 46.5	532	99	10.3	+ 101	- 76	9.2	G 5
5356	27 1993	C 5671	92	21442-3	8 17.07	2284	178	27 32 31.2	538	98	10.2	- 41	- 44	7.83	F 0
5357	30 2123	C 5672	96		II 8 28.38	+3.2287	-0.0179	27 39 55.5	-19.541	-0.097	9.6	+ 2	- 42	7.78	K 2
5358	25 2353	C 5674		21457	8 33.99	2445	197	30 2 34.0	543	97	10.1	+ 10	- 65	8.4	F 8
5359	31 2245				8 53.08	2142	162	25 35 43.2	550	95	9.8	- 53	- 56	8.6	F 5
5360	24 2332	B 4214	105		8 57.68	2490	204	30 53 20.1	551	97	11.7			9.7	
5361	26 2184	C 5676	116	21475-6	9 18.29	2051	153	24 19 58.6	558	94	9.5	+ 8	- 20	7.96	B 9
5362	25 2355	C 5677			II 9 45.13	+3.2155	-0.0167	26 11 57.6	-19.566	-0.093	9.6	- 80	+ 23	7.57	K 0
5363	25 2357	C 5678		21491	10 0.91	2085	158	25 10 56.6	571	93	10.8			9.6	K 5
5364	27 1998	C 5680	149		10 6.15	2101	160	25 28 35.0	573	93	11.5	- 22	- 35	8.8	K 0
5365	27 1999	C 5682			10 16.39	2175	170	26 45 10.9	576	93	11.1	+ 6	- 15	8.4	F 5
5366	28 1979	C 5683		21499-500	10 30.09	2219	177	27 32 27.9	580	93	11.0	- 89	- 2	9.2	
5367	27 2000	C 5684			II 10 31.60	+3.2251	-0.0181	28 3 41.7	-19.581	-0.093	11.2	- 46	+ 6	7.13	A 5
5368	28 1980	C 5685			10 31.89	2251	181	28 3 41.9	581	93	6.2	- 46	+ 6	8.6	K 0
5369	28 1980	C 5685			10 31.79	2180	172	26 56 27.1	581	92	10.5	- 20	- 1	9.6	
5370	29 2140	C 5687			10 52.09	2239	180	28 2 8.7	587	92	12.0	- 58	- 8	9.2	
5371	27 2002	C 5689	153		10 59.43	2293	188	28 55 56.0	589	92	10.0	+ 5	- 31	9.0	G 5
5372	25 2359	C 5690			II 11 27.75	+3.2138	-0.0170	26 42 32.6	-19.598	-0.090	10.1	- 27	- 43	9.54	G
5373	28 1981	C 5691		21520	11 31.80	2016	154	24 43 8.3	599	90	10.1	+ 6	- 24	9.0	
5374	30 2128	C 5693			11 36.27	2209	179	27 54 45.9	601	90	10.3	- 9	- 9	10.4	
5375	30 2130	C 5694		21534	11 49.34	2321	193	29 47 7.6	605	90	12.9	+ 23	+ 15	9.3	
5376	31 2249				12 25.95	2319	196	30 3 42.5	616	89	8.8	- 140	- 2	9.7	
5377	26 2189	C 5696	178	21543	II 12 35.56	+3.2413	-0.0208	31 36 5.8	-19.619	-0.089	11.9			7.30	A 2
5378	28 1983	C 5697	179	21544-5	12 53.36	2053	162	25 57 10.0	624	87	10.0	- 56	- 29	6.80	A 2
5379	25 2362	C 5698	180	21546	12 55.49	2166	177	27 51 14.3	625	87	9.1	+ 14	- 11	7.84	K 0
5380	26 2190	C 5699	184		12 58.00	2027	159	25 32 36.2	625	87	9.4	+ 13	- 7	8.3	K 0
5381	28 1985	C 5700			13 2.85	2077	166	26 26 40.4	627	87	11.3	- 27	- 8	10.2	
5382	28 1986	C 5701			II 13 27.61	+3.2185	-0.0182	28 26 52.5	-19.634	-0.087	14.1	- 1	- 24	9.7	F 5
5383	26 2192	C 5702	193	21559	13 33.62	2176	181	28 21 10.9	636	86	13.9	+ 8	+ 21	8.8	G 5
5384	31 2250	L 4402			13 36.17	2020	160	25 43 37.3	637	86	11.3	- 29	+ 21	9.2	
5385	30 2134	C 5703	201		13 39.83	2360	205	31 21 14.4	638	87	11.2	0	- 2	8.8	
5386	26 2194	C 5704	203		13 51.33	2253	191	29 44 52.3	641	85	10.9	+ 3	- 11	8.8	
5387	24 2339	C 5705			II 13 52.29	+3.2016	-0.0161	25 47 42.7	-19.641	-0.086	11.9	- 67	- 8	9.6	G 5
5388	31 2254	L 4406	218		13 53.98	1946	154	24 34 48.8	642	86	11.1	- 55	+ 32	9.56	G 5
5389	29 2145	C 5707	223		14 48.78	2299	201	31 0 43.1	658	85	9.3	- 2	- 8	8.9	G 5
5390	29 2144	C 5708	224		15 11.13	2186	188	29 22 10.9	664	82	13.6	- 42	- 12	9.7	
5391	31 2255	L 4407			15 11.25	2182	187	29 18 1.3	664	82	11.4	- 7	- 34	8.9	K 0
5392	29 2147	C 5709	227	21594	II 15 12.11	+3.2310	-0.0204	31 24 28.9	-19.664	-0.083	11.8	- 13	- 59	9.6	G 5
5393	30 2137	L 4408	226	21591	15 21.43	2147	182	28 48 10.1	667	82	9.2	+ 26	+ 10	7.94	K 2
5394	26 2196	C 5710			15 21.49	2256	197	30 36 48.0	667	82	9.5	- 1	- 17	7.42	K 5
5395	28 1989	C 5711			15 22.52	1985	161	25 59 15.6	667	82	12.3	0	- 20	9.6	
5396	24 2344	C 5713		21608-9	15 27.61	2135	181	28 39 25.6	669	82	13.7	- 57	- 53	10.2	
5397	24 2346	B 4250			II 15 50.22	+3.1870	-0.0147	24 6 35.1	-19.675	-0.081	10.9	+ 21	- 106	8.8	G 5
5398	28 1993	C 5715	241		16 12.13	1873	148	24 19 37.6	681	79	9.8	+ 32	- 15	9.6	
5399	26 2199	C 5718	260		16 23.47	2068	176	27 59 0.3	684	80	9.6	+ 17	+ 21	9.6	
5400	27 2009	C 5720	263	21650	17 12.33	1934	160	25 58 41.3	697	78	10.0	- 18	- 24	9.6	
					17 36.10	1997	170	27 21 45.2	704	78	10.5	- 58	+ 37	9.0	

5357, 5380. Number of observations 6.

5366-7. Σ 1521, magnitudes 7.2 and 7.5.

5367. Number of observations 1.

5369. Burnham 5726.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
5401	30 2139	C 5721		21651	h m s	s	s	° ' "	"	"					
5402	24 2348	B 4256			11 17 39.64	+3.2128	-0.0189	29 45 33.9	-19.705	-0.078	9.3	+ 14	+ 5	8.66	G 5
5403	32 2141	L 4416	270		17 46.71	1821	147	24 7 41.1	707	77	10.5	+ 8	- 2	9.3	
5404	25 2367	C 5722	272	21661	17 54.91	2244	205	31 54 17.1	709	77	10.6	0	- 8	9.2	F 0
5405	30 2141	C 5725	279	21670	17 55.45	1874	153	25 13 37.7	709	75	8.7	- 33	0	8.4	F 8
5406	27 2014	C 5729			18 21.30	2122	190	30 2 55.2	716	76	9.5	+ 17	+ 2	8.3	F 8
5407	29 2153	C 5730	291	21680	11 18 48.33	+3.1969	-0.0170	27 30 29.8	-19.723	-0.076	11.7	- 40	+ 25	9.7	
5408	26 2204	C 5733	296-7		18 53.00	2058	184	29 12 45.9	724	75	8.1	+ 23	- 10	8.2	G 5
5409	25 2369	C 5734		21689	19 2.54	1903	162	26 22 43.7	727	74	9.8	- 10	- 7	9.6	G 0
5410	30 2148	C 5735			19 5.00	1854	155	25 26 45.7	727	73	10.5	- 65	- 5	9.6	
5411	29 2155	C 5737	304	21703	19 33.14	2079	189	29 59 25.8	735	74	11.0	- 29	- 20	9.6	
5412	28 1999	C 5733	306	21705	11 19 44.63	+3.2035	-0.0183	29 17 15.1	-19.738	-0.073	10.9	- 10	- 3	8.8	
5413	30 2149	L 4426			19 45.10	1952	171	27 43 15.5	738	73	11.3	- 17	+ 3	8.7	G 5
5414	30 2150	L 4429			19 48.81	2107	194	30 39 41.5	739	74	11.0	- 18	- 10	9.6	F
5415	29 2156	C 5740	318	21715	20 7.29	2094	194	30 36 52.3	743	73	12.7	- 90	- 8	9.3	
5416	26 2208	C 5741	319		20 13.74	2027	185	29 26 30.9	745	72	11.69	- 230	- 158	8.8	K 0
5417	30 2153	L 4432		21719	11 20 19.04	+3.1880	-0.0163	26 38 35.5	-19.746	-0.072	10.6	- 50	+ 13	8.6	F 8
5418	29 2157	C 5744	321		20 28.48	2063	191	30 15 15.6	749	72	9.6	+ 56	- 65	7.54	F 0
5419	28 2002	C 5745	323		20 29.96	2022	185	29 29 38.6	749	72	13.6	- 37	- 21	9.6	
5420	31 2265	L 4433			20 32.98	1965	177	28 26 16.1	750	71	12.9	+ 6	+ 30	9.3	
5421	29 2159	C 5748	329		20 37.26	2102	197	31 4 43.3	751	72	13.9	+ 3	+ 16	9.6	F 5
5422	30 2154	L 4434	330	21734	11 20 48.23	+3.2009	-0.0184	29 26 4.7	-19.754	-0.072	13.4	- 18	- 5	9.6	
5423	27 2021	C 5750		21737	20 50.70	2060	192	30 28 54.6	754	71	11.0	- 54	+ 10	6.88	F 0
5424	27 2019	C 5751			20 59.61	1890	167	27 14 31.4	756	70	8.9	- 33	- 3	7.15	A 2
5425	27 2020	C 5752			21 2.17	1910	170	27 39 11.2	757	71	12.6	+ 29	- 28	9.6	
5426	26 2212	C 5754			21 3.39	1905	169	27 34 0.0	757	71	11.5	+ 3	- 39	9.6	
5427	27 2022	C 5755	347	21769	11 21 55.23	+3.1791	-0.0154	25 44 55.7	-19.770	-0.068	9.3	- 1	- 20	9.6	
5428	26 2213	C 5757	351		21 56.64	1845	164	26 53 24.0	770	68	9.1	- 6	- 8	8.2	K 0
5429	29 2160	C 5758	356	21773	22 7.14	1801	156	26 4 30.2	773	68	10.3	- 117	+ 7	8.8	G 5
5430	25 2376	C 5759	360	21779	22 10.79	1937	178	28 54 9.4	774	68	9.8	- 1	- 7	7.50	F 0
5431	26 2214	C 5762	365		22 24.08	1768	152	25 31 23.7	777	67	10.1	- 50	- 14	7.60	F 0
5432	24 2360	C 5763		21792	11 22 46.82	+3.1779	-0.0156	26 0 35.0	-19.782	-0.067	11.2	- 25	- 10	8.9	F 8
5433	27 2024	C 5765	371	21793	22 48.03	1710	145	24 31 34.5	783	67	11.9	- 18	- 25	9.2	
5434	30 2159	L 4442			22 48.31	1711	145	24 32 20.7	783	67	10.9	- 152	- 114	9.26	K 0
5435	25 2381	C 5767	393	21846	22 53.23	1820	164	26 56 53.1	784	67	10.1	+ 37	- 21	8.1	K 2
5436	25 2383	C 5769	397		22 55.71	1983	190	30 19 11.6	784	67	11.7	- 55	- 46	9.2	F 5
5437	26 2218	C 5770			11 23 12.41	+3.1712	-0.0147	24 48 6.7	-19.788	-0.065	12.3	- 21	- 24	9.3	
5438	31 2270	L 4446			23 36.21	1709	148	24 58 14.7	794	65	12.1	+ 33	- 44	9.6	
5439	27 2030	C 5773	402-3	21849	24 14.70	1732	154	25 52 32.5	803	63	10.7	- 14	+ 12	8.4	F 0
5440	26 2219	C 5774	404		24 31.74	1959	193	30 55 25.9	806	63	10.3	+ 13	- 139	7.10	F 2
5441	28 2008	C 5775			24 39.42	1774	162	27 3 9.8	808	63	10.9	0	- 12	9.2	K 0
5442	27 2031	C 5776	406		11 24 39.57	+3.1742	-0.0157	26 22 12.1	-19.808	-0.063	11.4	- 50	+ 1	8.7	F 5
5443	29 2168	C 5777	408	21853	28 35 10.3	1838	174	28 35 10.3	810	62	12.1	- 4	+ 2	9.2	
5444	30 2164	L 4449	412	21858	24 56.92	1765	162	27 3 46.4	812	62	11.5	+ 44	+ 2	9.0	G
5445	25 2385	C 5779	414		24 57.38	1875	181	29 27 25.6	812	62	12.9	- 15	- 28	9.7	
5446	25 2386	C 5780	413	21863	25 2.51	1924	189	30 33 53.4	813	63	13.5	- 47	- 37	9.0	
5447	30 2163	L 4450	420		11 25 8.04	+3.1689	-0.0150	25 26 35.9	-19.815	-0.062	11.7	- 40	+ 5	7.88	F 5
5448	25 2163	L 4450			25 17.51	1682	150	25 22 49.8	817	61	11.8	- 17	+ 14	8.0	K 0
5449	26 2222	C 5781			25 18.42	1910	188	30 27 56.4	817	62	11.9	- 72	- 207	6.78	F 0
5450					25 21.29	1910	188	30 28 52.8	817	62	12.9	- 72	- 207	9.6	
					25 23.01	1697	153	25 48 0.7	818	61	10.1	- 29	- 40	7.68	K 2

5406, 5431. Number of observations 4.

5439. Burnham 5794.

5448, 5449. Burnham 5801.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	s	° ' "	"	"					
5451	30 2165	L 4451	422	21871	11 25 38.04	+3.1896	-0.187	30 22 52.1	-19.821	-0.062	10.9	+ 40	- 18	8.7	
5452	27 2034	C 5784	428	21872	25 42.42	1759	165	27 25 10.3	822	61	11.7	- 63	- 24	8.6	G 5
5453	29 2176	C 5787		21881	26 9.83	1812	176	28 56 52.5	828	60	12.4	- 69	+ 8	7.00	Ma
5454	28 2012	C 5788	438		26 27.25	1763	172	28 1 57.6	832	59	11.1	- 46	0	8.3	F 8
5455	29 2177	C 5789	443		26 48.02	1817	179	29 30 0.2	836	58	12.3	- 14	- 7	9.2	
5456	31 2274	L 4453	444		11 26 53.18	+3.1903	-0.195	31 28 9.9	-19.837	-0.059	12.6	- 23	- 14	7.94	K 0
5457	24 2364	B 4287	446		27 0.44	1594	141	24 22 5.8	839	58	12.3	- 14	- 23	9.3	
5458	25 2388	C 5790	450	21896	27 8.01	1608	145	24 48 29.4	840	58	12.0	- 38	- 14	7.18	K 2
5459	31 2276	L 4454	453-4	21897	27 14.12	1857	189	30 44 6.6	842	57	12.8	- 24	- 16	7.9	K 0
5460	29 2179	C 5792	465	21907	27 40.17	1790	178	29 32 39.8	847	57	11.3	- 3	- 112	7.81	F 5
5461	30 2168	L 4457	466		11 27 42.66	+3.1824	-0.184	30 21 15.5	-19.848	-0.057	12.3	- 8	- 8	9.2	
5462	25 2389	C 5793	467	21914	27 53.23	1588	144	24 49 16.4	850	56	10.4	- 20	- 68	9.06	K 0
5463	25 2390	C 5794	469		28 4.78	1599	146	25 13 20.7	852	56	13.1	- 5	+ 7	9.2	G 0
5464	26 2231	C 5796	483-4	21939	28 46.34	1636	156	26 38 38.6	860	55	10.1	- 11	+ 3	8.7	K 0
5465	30 2171	L 4462			29 1.20	1770	182	30 7 20.4	863	54	11.8	- 63	- 7	9.6	
5466	28 2014	C 5797		21949	11 29 14.55	+3.1666	-0.164	27 45 27.6	-19.866	-0.053	12.5	+ 7	- 5	9.2	
5467	28 2016	C 5799		21959	29 46.19	1670	168	28 15 56.8	872	53	11.4	- 21	- 7	9.3	
5468	31 2279	L 4468			30 16.74	1764	188	31 0 25.4	878	51	9.9	- 11	- 27	7.42	K 0
5469	30 2175	C 5801	478		30 19.11	1718	180	29 55 24.7	878	51	11.1	+ 82	- 55	8.9	
5470	31 2280	L 4471			30 36.96	1745	187	30 49 43.6	882	50	11.3	- 23	- 15	8.8	
5471	30 2176	C 5802	527		11 30 54.27	+3.1719	-0.184	30 25 52.6	-19.885	-0.050	12.9	- 36	- 15	9.6	
5472	25 2392	C 5803	517		30 55.40	1505	141	24 46 3.5	885	50	14.0	+ 1	+ 10	10.0	
5473	26 2235	C 5805	521-2		31 0.79	1565	154	26 30 4.5	886	50	13.3	0	+ 4	8.8	K 0
5474	24 2371	B 4303	525	21988	31 3.09	1482	137	24 12 3.1	886	49	13.9	+ 18	- 31	8.8	F 5
5475	25 2393	C 5806			31 6.20	1513	144	25 6 29.6	887	50	14.1	+ 38	+ 75	9.3	
5476	28 2021	C 5808	530-1	21992	11 31 19.12	+3.1627	-0.168	28 24 5.4	-19.889	-0.049	11.6	+ 43	- 62	8.4	F 8
5477	31 2281	L 4474	532	21993	31 21.26	1735	189	31 13 3.7	890	49	13.1	- 73	+ 62	8.6	G 5
5478	28 2022	C 5809		21999	31 33.96	1615	166	28 16 43.5	892	49	11.7	+ 22*	- 20*	5.82	A 3
5479	27 2039	C 5810	534	22001	31 35.13	1584	160	27 28 19.2	892	49	12.1	+ 41	- 79	9.0	G 5
5480	26 2236	C 5813			31 44.88	1539	152	26 20 21.6	894	48	12.3	- 25	+ 6	9.0	
5481	25 2394	C 5814	539-40	22003	11 31 45.47	+3.1510	-0.145	25 31 39.9	-19.894	-0.048	11.5	+ 52	+ 1	7.06	A 3
5482	28 2023	C 5815	556	22018	32 30.19	1585	166	28 16 20.8	902	47	10.9	+ 15	- 18	8.2	K 0
5483	25 2396	C 5816	557-8	22023	32 32.66	1486	144	25 29 9.6	902	46	11.6	- 30	- 11	9.2	F 8
5484	26 2237	C 5817		22029	32 41.82	1510	150	26 18 4.3	904	47	11.9	- 6	+ 13	8.2	G 5
5485	26 2238	C 5818			32 43.44	1496	146	25 55 5.1	904	46	10.9	+ 14	+ 26	8.1	G 0
5486	28 2024	C 5819	561		11 32 52.36	+3.1562	-0.163	27 56 36.3	-19.906	-0.046	11.1	- 113	+ 44	8.3	K 0
5487	26 2239	C 5822	572		33 9.03	1483	147	25 53 45.8	909	46	10.7	- 3	+ 11	8.3	G 5
5488	25 2398	C 5823	585	22051	33 27.72	1444	141	24 58 24.1	912	45	10.3	+ 9	- 7	8.6	F 2
5489	29 2191	C 5825			33 50.50	1568	170	28 59 19.5	916	44	11.1	- 41	+ 5	10.2	
5490	30 2180	L 4482	595	22063	33 52.89	1611	178	30 15 17.7	916	44	9.4	- 48	- 20	8.3	
5491	24 2375	B 4321	607		11 34 13.51	+3.1402	-0.137	24 18 15.9	-19.919	-0.043	9.7	- 38	- 22	8.2	F 5
5492	26 2241	C 5829	616		34 46.78	1435	146	25 48 4.5	925	42	8.3	- 68	- 39	8.0	G 0
5493	27.2044	C 5830	622	22089	34 55.09	1483	158	27 27 18.9	926	42	9.5	- 11	- 23	8.2	A 2
5494					34 55.50	1483	158	27 27 19.3	926	42	9.8	- 11	- 23		
5495		28 2026	C 5832	624		35 6.55	1517	167	28 40 39.3	928	42	11.5	- 47			- 35	9.2
5496	24 2377	C 5835			11 35 24.46	+3.1381	-0.138	24 37 3.2	-19.931	-0.040	11.9	+ 98	- 58	9.76	G 5
5497	25 2401	C 5837	631		35 27.90	1392	139	25 1 51.6	931	40	11.8	- 15	- 29	9.0	
5498	24 2378	B 4326	632	22100-1	35 27.97	1367	135	24 12 25.2	931	40	9.5	- 53	+ 2	6.82	A 3
5499	32 2175	L 4487	630		35 29.57	1612	191	31 52 21.2	931	41	14.3	- 61	+ 1	8.9	
5500	26 2243	C 5838	633		35 29.85	1441	151	26 39 10.8	931	40	10.2	+ 18	+ 18	8.05	K 0

5454. Burnham 5808.
5492. Burnham 5864.

5462. Σ 1349.
5493-4. These stars are Σ 1564, magnitudes 8.2 and 9.0.

5478. This star forms the close double Σ 1555, components 6.2 and 6.8.
5494. Number of observations 2.
5495. Burnham 5868.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^h . ^m . ^s	Dec. [°] . ['] . ["]		
5501	24 2379	B 4328	634	22105	11 35 33.61	+3.1361	-0.0135	24 5 2.3	-19.932	-0.039	10.9	+ 10	- 33	9.2	F 5
5502	26 2244	C 5839	638		35 34.49	1427	148	26 17 2.4	932	40	9.5	- 56	+ 11	8.00	
5503	30 2184	L 4488			35 42.71	1559	180	30 32 45.8	933	41	12.1	- 100	- 14	9.3	
5504	24 2380	B 4331	639		35 44.37	1357	135	24 5 52.9	934	39	10.5	24	- 18	9.7	
5505	32 2176	L 4491	641		35 58.43	1593	191	31 50 14.9	936	40	14.3	- 34	- 23	9.3	
5506	30 2185	L 4492			11 36 0.65	+3.1549	-0.0180	30 33 12.8	-19.936	-0.040	11.1	- 44	- 2	9.6	K 0
5507	25 2403	C 5840	656	22122	36 32.30	1371	141	25 18 18.8	941	38	9.2	+ 14	- 15	8.7	
5508	28 2029	C 5841	659		36 48.77	1446	161	28 7 33.5	943	38	9.1	+ 8	0	8.1	
5509	29 2196	C 5842			36 55.80	1480	170	29 21 14.4	944	38	11.5	+ 27	- 20	9.6	
5510	26 2248	C 5843	667-8	22137	37 9.44	1386	149	26 25 36.3	946	37	9.1	+ 61	- 40	8.0	
5511	30 2188	L 4499			11 37 38.68	+3.1481	-0.0176	30 10 30.0	-19.951	-0.037	10.0	- 36	- 21	9.3	G 5
5512	24 2384	C 5844	684	22154	37 48.73	1311	135	24 24 11.4	952	36	8.7	+ 46	+ 81	8.8	
5513	28 2032	C 5845	691		38 2.15	1398	157	27 45 0.1	954	36	9.5	- 148	- 62	9.2	
5514	28 2033	C 5846	698-9	22168	38 40.85	1400	163	28 33 14.2	959	34	8.3	+ 10	+ 12	7.40	
5515	28 2034	C 5847	701	22172	38 45.91	1384	160	28 4 4.0	960	34	9.2	- 30	- 13	8.2	
5516	29 2201	C 5848	705		11 38 50.77	+3.1423	-0.0169	29 32 39.2	-19.961	-0.034	9.7	+ 12	- 6	8.6	K 0
5517	24 2386	C 5851	708-9	22184	39 6.22	1280	134	24 30 34.7	963	33	9.4	- 1	- 51	7.51	
5518	32 2182	L 4505			39 16.16	1474	188	31 49 48.1	964	33	14.3	+ 34	- 22	9.3	
5519	30 2189	C 5853		22186	39 25.20	1419	174	30 4 46.9	965	33	9.7	- 3	- 6	8.01	
5520	30 2191	L 4508	718	22194	39 30.92	1424	176	30 23 42.5	966	33	9.1	+ 6	+ 7	7.81	
5521	26 2250	C 5854		22197	11 39 32.14	+3.1299	-0.0141	25 43 3.0	-19.966	-0.032	9.7	- 1	- 4	6.19	K 5
5522	31 2290	L 4509	725		39 58.92	1438	183	31 28 6.8	969	32	9.48	- 40	- 391	8.8	
5523	24 2388	C 5857	728		40 0.30	1257	134	24 34 0.4	970	31	11.7	+ 4	- 20	9.7	
5524	29 2206	C 5858	729	22201	40 2.28	1374	166	29 10 9.7	970	31	9.3	+ 7	+ 20	6.98	
5525	28 2037	C 5861	731	22207	40 16.72	1333	157	27 54 37.1	972	31	11.1	+ 31	- 141	8.2	
5526	31 2291	L 4511	732		11 40 17.58	+3.1422	-0.0182	31 16 36.3	-19.972	-0.031	11.9	- 6	+ 7	9.6	G 5
5527	28 2039	C 5863		22224	40 44.18	1315	153	27 43 4.9	975	30	9.6	- 27	- 31	7.34	
5528	31 2293	L 4514	752	22228	40 51.11	1395	179	30 59 28.2	976	30	9.2	- 21	0	8.0	
5529	25 2411	C 5864	753	22230	40 51.14	1260	140	25 36 42.3	976	29	9.0	- 56	- 35	8.3	
5530		C 5867			41 8.81	1300	154	27 37 19.6	978	29	13.8			9.6	
5531	29 2210	C 5869	759		11 41 18.08	+3.1333	-0.0165	29 10 7.7	-19.979	-0.028	10.5	- 21	- 20	8.8	F 5
5532	27 2053	C 5871	763		41 23.48	1285	152	27 20 38.4	980	28	12.5	0	- 10	9.7	
5533	25 2415	C 5873			41 39.12	1226	137	25 6 59.0	982	28	12.2	+ 3	- 17	9.6	
5534	31 2296	L 4518	767	22254	41 54.51	1356	177	30 55 23.0	984	27	10.3	- 31	+ 34	9.0	
5535	24 2392	B 4357			42 2.94	1201	131	24 28 41.4	984	27	11.9	+ 20	+ 26	9.6	
5536	29 2213	C 5874			11 42 7.00	+3.1310	-0.0165	29 20 12.9	-19.985	-0.026	12.5	+ 30	- 68	9.6	K 0
5537	31 2298	L 4519		22260	42 14.45	1349	179	31 6 41.0	986	27	11.8	+ 6	- 5	8.8	
5538	27 2055	C 5876			42 16.55	1263	152	27 31 22.9	986	26	12.9	+ 12	- 6	9.0	
5539	24 2394	B 4361		22267-8	42 21.17	1188	129	24 13 12.6	987	26	9.6	- 68	+ 13	6.85	
5540	28 2042	C 5877	777-81		42 30.15	1283	161	28 41 32.8	988	26	12.7	- 20	+ 4	9.3	
5541	25 2418	C 5879	779	22273	11 42 39.00	+3.1195	-0.0134	24 55 29.3	-19.989	-0.026	9.3	- 1	- 38	7.96	F 8
5542	28 2044	C 5880		22274-5	42 39.75	1260	154	27 53 53.5	989	26	10.8	- 34	- 18	8.8	
5543	27 2057	C 5881	784		42 48.36	1234	147	26 54 50.1	990	26	11.7	- 45	- 54	9.6	
5544	28 2046	C 5882	791	22288-9	43 16.08	1240	154	27 50 26.5	993	24	10.3	+ 19	+ 7	7.60	
5545	31 2302	L 4523	797		43 41.44	1299	177	31 7 38.4	995	24	10.0	- 45	+ 27	9.3	
5546	29 2214	C 5885	799	22296	11 43 45.26	+3.1248	-0.0161	28 55 3.2	-19.996	-0.024	8.8	- 58	- 26	7.21	F 2
5547	29 2216	C 5886	802	22301	43 56.23	1250	164	29 18 1.3	997	23	9.3	- 16	- 34	7.05	
5548	32 2191	L 4524		22304	44 3.36	1299	181	31 42 21.3	997	23	10.9	- 66	+ 112	8.9	
5549	28 2048	C 5887	818	22311-35	44 31.96	1217	158	28 37 18.8	20.000	22	9.9	+ 29	+ 8	7.45	
5550	32 2192	L 4525			44 32.08	1287	183	31 57 25.6	000	22	12.1	+ 1	0	9.7	

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
	°				h m s	s	s	° ' "	"	"					
5551	30 2194	C 5888	825	22324	11 44 54.63	+3.1232	-0.168	29 59 56.8	-20.003	-0.021	9.5	+ 6	- 15	7.56	K 0
5552	28 2050	C 5889	849-50	22349	46 4.37	1168	156	28 35 50.1	009	19	8.1	- 34	+ 14	7.9	F 5
5553	26 2261	C 5897	861	22378	47 25.88	1086	140	26 13 28.8	016	16	9.5	- 110	+ 60	9.6	
5554	30 2199				47 29.45	1150	166	30 16 49.8	016	16	11.5			9.7	
5555	31 2303	L 4534	867		47 36.93	1163	174	31 14 28.2	017	16	11.5	- 11	- 20	9.7	
5556	26 2262	C 5898			11 47 44.45	+3.1072	-0.137	25 56 35.6	-20.017	-0.015	10.0	+ 52	- 30	9.6	
5557	31 2306	L 4535	879	22395	48 3.63	1139	170	30 44 33.1	019	15	9.7	- 42	- 107	8.8	
5558	29 2225	C 5901	880	22396	48 6.23	1108	157	28 54 33.7	019	15	9.5	- 18	0	8.7	F 5
5559	28 2052	C 5902	881	22397	48 7.52	1104	154	28 41 32.5	019	15	10.0	- 3	- 30	8.6	K 2
5560			884		48 13.14	1143	174	31 19 36.2	020	14	9.3	- 70	+ 9	8.2	
5561	31 2307	L 4537	885	22400	11 48 13.44	+3.1143	-0.174	31 19 38.2	-20.020	-0.014	9.5	- 70	+ 9	8.2	
5562	29 2226	C 5903			48 30.17	1097	157	29 0 57.9	021	14	11.8	- 21	- 21	9.6	
5563	28 2056	C 5907	890	22405	48 39.09	1075	149	27 53 28.7	021	14	11.9	+ 5	+ 35	9.6	
5564	30 2200	C 5908			48 54.06	1096	163	29 49 23.8	023	13	10.1	- 24	+ 3	9.2	
5565	32 2199	L 4541			49 11.78	1114	177	31 43 36.4	024	12	10.9	- 23	+ 3	9.0	
5566	28 2058	C 5910	907-8	22424	11 49 23.13	+3.1061	-0.153	28 27 52.0	-20.025	-0.012	11.3	+ 10	+ 8	9.0	F 5
5567		C 5913			49 28.98	1013	130	25 11 28.5	025	12	12.0	- 40	+ 5	8.8	
5568	25 2430	C 5914	912		49 29.99	1013	130	25 11 4.7	025	12	11.5	- 40	+ 5	8.8	
5569	24 2405	B 4392			49 55.12	0990	124	24 18 46.2	027	11	9.5	+ 107	- 26	8.8	K 0
5570	26 2268	C 5917			50 21.44	1002	137	26 15 37.2	028	10	9.5	- 30	+ 8	9.2	
5571	29 2229	C 5918			11 50 37.43	+3.1028	-0.155	29 1 16.6	-20.029	-0.010	10.1	+ 29	- 38	9.6	
5572	26 2270	C 5919	928	22455	50 46.54	0987	135	26 1 24.5	030	10	8.1	- 42	- 5	7.04	K 0
5573	29 2231	C 5920			51 13.91	1008	155	28 56 18.2	031	08	10.9	- 10	- 6	9.7	
5574	32 2205	L 4544	938	22472	51 22.55	1035	175	31 42 11.9	032	08	10.1	- 21	- 8	9.0	
5575	26 2271	C 5922	940	22471	51 22.67	0970	134	25 59 38.0	032	08	9.4	+ 36	- 141	9.0	G 0
5576	29 2233	C 5923			11 51 35.30	+3.0996	-0.154	28 56 7.6	-20.032	-0.008	10.1	+ 8	- 6	10.2	
5577	29 2234	C 5924	953	22484	51 37.07	1000	156	29 21 33.2	033	8	8.4	- 24	- 9	7.46	K 0
5578	27 2070	C 5925	957	22489	51 43.38	0973	141	27 10 48.7	033	8	8.3	- 122	+ 16	6.87	F 2
5579	25 2436	C 5926			51 50.76	0951	130	25 29 20.3	033	8	10.3	- 10	- 3	9.6	
5580	24 2409	B 4402			52 21.68	0924	122	24 6 22.8	035	6	10.3	- 11	- 18	9.3	G 0
5581	27 2071	C 5929	969		11 52 34.42	+3.0952	-0.144	27 39 39.5	-20.035	-0.006	10.4	- 9	- 6	8.7	K 0
5582	25 2440	C 5931			52 40.04	0925	127	25 5 39.4	036	6	11.3	- 32	- 25	9.2	
5583	27 2073	C 5932		22512	52 47.66	0941	142	27 16 1.7	036	6	9.3	+ 1	- 143	7.44	K 0
5584	30 2205	C 5933	976		52 49.87	0964	159	29 46 31.9	036	5	11.3	- 31	+ 5	9.0	
5585	29 2237	C 5934	980	22518	52 57.35	0953	153	29 3 22.2	037	5	8.9	- 40	- 10	8.0	F 2
5586	25 2441	C 5937		22528	11 53 16.33	+3.0912	-0.129	25 28 2.8	-20.037	-0.004	12.3	- 12	+ 12	9.0	
5587	25 2442	C 5938	990	22532	53 26.15	0909	131	25 38 20.4	038	4	10.5	+ 61	- 7	8.0	F 8
5588	25 2443	C 5939			53 29.84	0902	126	24 59 57.6	038	4	13.1	- 36	- 15	9.6	
5589	30 2207	L 4552	992-3		53 33.77	0944	162	30 19 16.3	038	4	12.5	- 14	- 13	8.9	G 0
5590	27 2075	C 5940	994	22535	53 34.05	0920	142	27 24 46.1	038	4	11.9	- 48	- 19	9.6	
5591	30 2208	L 4553			11 53 38.44	+3.0941	-0.161	30 16 37.1	-20.038	-0.004	13.5	- 50	- 5	9.6	
5592	27 2076	C 5942	1000	22540	53 49.28	0912	142	27 20 17.9	039	3	10.1	+ 37	+ 15	8.4	A 0
5593	28 2064	C 5943			53 53.24	0913	143	27 45 17.8	039	3	12.1	- 20	+ 11	9.2	
5594	32 2208	L 4556		22543	53 53.98	0946	173	31 50 18.3	039	3	14.3	- 93	- 13	8.6	
5595	31 2316	L 4557	1007	22548	54 11.92	0933	172	31 38 3.1	040	2	10.7	- 10	- 45	9.0	
5596	31 2317	L 4558		22552	11 54 21.14	+3.0925	-0.169	31 18 1.7	-20.040	-0.002	11.3	+ 3	- 69	9.2	
5597	24 2416	B 4409	1011		54 28.74	0871	121	24 24 27.4	040	2	12.9	- 12	- 33	8.8	K 0
5598	29 2242	C 5945			54 36.29	0901	154	29 15 56.0	040	2	9.7	- 9	- 9	8.9	
5599	25 2445	C 5946	1012		54 36.57	0872	125	25 7 44.1	040	2	10.0	- 24	+ 2	8.2	G 0
5600	27 2080	C 5947		22558	54 43.06	0886	144	27 37 0.0	041	2	11.0	- 21	+ 23	8.4	A 5

5560-1. Σ 1576, magnitudes 8.2 and 8.5.

5560. Number of observations 1.

5567, 5568. Burnham 5959. Magnitudes 9.0 and 9.0.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "001.	Dec. "001.		
5601	24 2417	B 4413		22568	h m s	s	s	° ' "	"	"	10.9	- 27	+ 11	8.9	G 0
5602	28 2068	C 5950	1028		55 20.95	0873	149	28 37 21.0	042	0	12.3	- 17	- 32	9.6	
5603	26 2282	C 5951	1033-4		55 30.77	0856	134	26 32 42.8	042	0	11.1	- 18	- 85	9.0	G 5
5604	29 2245	C 5953		22587	56 10.53	0851	156	29 41 20.3	043	+001	9.3	+ 40	- 31	8.46	F 8
5605	26 2285	C 5954			56 15.31	0831	129	25 52 58.2	043	2	11.9	+ 16	- 9	9.6	
5606	28 2069	C 5955	1051-2		11 56 28.17	+3.0837	-0147	28 27 50.7	-20.044	+002	11.1	+ 13	- 34	8.6	K 0
5607	31 2321	L 4567			56 30.99	0849	168	31 28 47.8	044	2	11.7	- 6	+ 13	9.2	A 0
5608	24 2418	B 4418	1060		56 32.47	0816	119	24 20 7.9	044	2	12.1	+ 18	+ 1	9.3	
5609	31 2322	L 4568	1054	22599	56 37.00	0844	165	31 8 27.2	044	2	9.9	- 74	- 30	7.78	F 8
5610	25 2448	C 5956	1056	22602	56 40.94	0814	121	24 43 6.9	044	2	10.7	- 14	- 7	8.31	K 0
5611	26 2286	C 5957			11 56 46.86	+3.0817	-0131	26 13 3.7	-20.044	+002	10.4	- 7	+ 28	8.7	K 0
5612	30 2212	C 5958	1069	22614	57 7.26	0822	157	30 3 2.5	044	3	11.1	- 19	- 39	8.36	F 2
5613	31 2323	L 4570		22617	57 8.91	0826	167	31 24 0.4	044	3	11.1	- 27	+ 3	9.0	G
5614	32 2212	L 4572	1075	22622	57 31.65	0814	168	31 45 2.0	045	4	9.9	- 40	- 3	8.8	F 8
5615	29 2247	C 5960	1082		57 45.05	0800	154	29 40 23.0	045	4	9.7	- 47	- 77	9.66	G 5
5616	25 2449	C 5962	1090	22638	11 58 6.02	+3.0777	-0122	24 57 1.8	-20.045	+005	10.0	- 17	- 113	7.91	K 0
5617	25 2450	C 5963	1092	22640	58 10.05	0776	123	25 20 15.9	045	6	10.7	+ 34	- 29	8.25	F 8
5618	26 2288	C 5964			58 10.08	0777	127	25 49 39.5	045	6	9.7	- 1	- 24	8.10	K 0
5619	27 2087	C 5966			58 19.54	0776	138	27 30 29.9	045	6	10.3	- 3	- 13	9.2	K 0
5620	29 2251	C 5968	1104	22654	58 42.16	0768	152	29 37 19.8	046	6	9.5	+ 7	- 30	8.46	K 2
5621	30 2217	L 4578	1106	22655	11 58 56.92	+3.0761	-0155	30 10 50.8	-20.046	+007	9.3	- 5	- 29	7.66	Mb
5622	25 2453	C 5971	1109	22658	59 8.34	0749	125	25 36 28.0	046	7	10.5	- 6	- 19	9.0	G 5
5623	25 2454	C 5974		22666	59 26.05	0741	123	25 26 22.5	046	8	9.7	+ 11	+ 19	8.00	G 0
5624	28 2074	C 5975		22668	59 29.02	0741	145	28 33 43.0	046	8	10.7	- 34	- 12	8.4	F 5
5625	24 2422	C 5976	1115-6-7		59 36.11	0736	119	24 37 14.3	046	8	9.8	- 15	- 31	8.41	F 5
5626	31 2327	L 4583	1137	22696	12 0 30.42	+3.0707	-0162	31 20 5.6	-20.046	+010	9.7	+ 11	- 64	8.3	A 0
5627	32 2218	L 4585	1146	22703	0 47.28	0697	165	31 42 41.1	046	10	10.4	- 15	+ 18	8.1	K 0
5628	29 2252	C 5981	1149		0 54.92	0695	146	29 0 24.2	046	11	10.7	- 5	- 1	8.0	K 0
5629	27 2092	C 5982			0 57.85	0696	132	26 51 43.4	046	10	10.7	- 14	+ 2	8.9	G 0
5630	29 2253	C 5983	1150		1 1.50	0692	145	28 47 53.0	046	11	11.7	+ 127	- 121	8.6	G 5
5631	27 2093	C 5985			12 1 19.10	+3.0686	-0133	26 58 10.4	-20.046	+011	12.5	- 41	- 32	8.8	G 0
5632	27 2094	C 5986	1156		1 19.22	0686	134	27 10 13.3	046	11	12.3	- 46	+ 13	9.2	
5633	29 2254	C 5987			1 20.19	0681	149	29 28 58.9	046	11	13.3	+ 23	- 103	9.3	
5634	26 2299	C 5988	1157	22713	1 20.44	0687	127	26 10 6.2	046	11	12.9	+ 8	- 138	9.2	K 0
5635	26 2300	C 5989	1161	22718-9	1 30.02	0682	127	26 16 19.8	046	11	11.7	- 4	- 39	8.3	K 2
5636	30 2223	L 4590	1172	22730-1	12 2 7.01	+3.0654	-0152	29 59 25.6	-20.045	+013	10.3	- 38	- 35	8.46	K 2
5637	31 2328	L 4591			2 11.81	0649	156	30 45 46.0	045	14	11.4	+ 7	- 26	9.3	A 2
5638	31 2329	L 4597		22760	3 10.15	0615	157	30 55 17.2	044	14	9.8	- 19	+ 5	8.0	K 5
5639	26 2307	C 5997	1205		3 25.34	0628	123	25 52 45.9	044	15	9.9	+ 22	- 56	8.6	F 8
5640	31 2331	L 4598	1207	22764	3 31.13	0599	161	31 33 5.7	044	15	10.3	- 15	- 2	7.24	A 0
5641	24 2429	B 4448		22765	12 3 33.19	+3.0631	-0113	24 23 29.4	-20.044	+015	9.9	- 9	- 28	9.2	
5642	31 2332	L 4600	1213-4	22770	3 40.65	0597	155	30 46 35.4	043	15	10.4	- 12	- 13	7.78	K 2
5643	28 2082	C 5998			3 50.31	0604	139	28 29 5.5	043	16	11.3	- 29	- 53	9.3	K 0
5644	28 2083	C 5999	1217		3 55.43	0600	141	28 40 16.8	043	16	11.9	- 29	- 53	9.6	G 5
5645	25 2465	C 6000			3 56.95	0616	120	25 18 4.2	043	16	11.7	- 15	- 14	8.8	
5646	27 2100	C 6001	1218-9	22783	12 4 1.90	+3.0605	-0130	26 59 43.7	-20.043	+016	10.1	+ 48	- 35	7.16	K 0
5647	25 2466	C 6003	1		4 21.73	0605	118	25 12 7.1	042	17	11.5	- 11	- 28	9.3	
5648	31 2335	L 4604			4 38.68	0559	160	31 31 45.7	042	17	11.5	+ 117	- 74	9.2	
5649	30 2230	L 4605	15-6	22801	4 47.44	0564	149	29 57 41.8	042	17	9.1	- 20	+ 4	7.81	K 0
5650	29 2258	C 6005	17		4 53.12	0569	140	28 42 23.2	041	18	11.7	+ 28	- 14	9.2	G 5

5603. Burnham 5992. 5622. Close double Burnham 6015. Number of observations 4. 5625. Close double Burnham 6016. 5640. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
5651	29 2259	C 6007		22812	12 5 16.30	+3.0552	-0.0145	29 25 45.2	-20.041	+0.019	12.3	- 28	- 9	9.6	
5652	27 2102	C 6009	29-30		5 27.09	0559	133	27 32 53.8	040	19	12.9	- 25	+ 7	9.3	F 8
5653	31 2336	L 4608	31	22813	5 30.43	0533	154	30 53 48.7	040	19	13.1	- 4	- 12	9.3	F 5
5654	25 2468	C 6010	32	22825	5 31.63	0576	114	24 45 41.5	040	19	11.3	+ 5	+ 20	8.71	F 5
5655	26 2311	C 6011	35	22827	5 33.85	0564	124	26 23 46.7	040	19	12.0	+ 9	- 29	8.9	
5656	30 2231	L 4609		22832	12 5 47.43	+3.0528	-0.0150	30 17 37.9	-20.040	+0.020	12.6	+ 4	+ 9	9.2	
5657	26 2313	C 6014	46		5 50.12	0560	122	25 49 57.9	039	20	11.3	+ 11	- 43	9.2	G 5
5658	29 2263	C 6015	49-50	22836-7	5 53.86	0530	145	29 34 8.5	039	20	9.3	- 27	- 3	7.76	K 0
5659	28 2084	C 6016	54-5	22842-3-4	6 11.86	0534	134	27 46 57.0	039	21	10.0	- 13	- 10	5.78	A 2
5660	25 2470	C 6017		22854	6 29.41	0550	114	24 49 11.8	038	21	11.5	- 59	- 48	9.11	G 5
5661	26 2314	C 6018	66		12 6 33.22	+3.0535	-0.0124	26 29 29.1	-20.038	+0.021	12.2	+ 19	+ 30	9.2	G 0
5662	29 2264	C 6019			6 40.00	0504	144	29 36 33.7	038	21	12.7	+ 28	- 19	9.6	
5663	25 2471	C 6020			6 41.51	0541	116	25 15 16.8	037	21	11.5	- 73	- 29	7.9	G 5
5664	25 2472	C 6021			7 1.44	0531	116	25 17 15.9	037	22	12.1	- 3	- 20	9.6	
5665	26 2315	C 6022	83		7 1.54	0523	122	26 14 12.9	037	22	11.9	- 97	+ 55	8.9	G 0
5666	26 2316	C 6023	89-90-1	22876	12 7 17.28	+3.0514	-0.0123	26 22 17.9	-20.036	+0.023	10.1	- 37*	- 38*	5.81	K 0
5667	29 2265	C 6024	96	22880-1	7 26.77	0484	140	29 2 19.2	035	23	10.7	+ 77	- 60	6.40	F 2
5668	26 2318	C 6027			7 51.03	0501	121	26 4 29.6	034	24	11.0	- 6	- 6	9.6	
5669	28 2087	C 6028	105	22893	7 51.12	0483	133	27 52 51.5	034	24	9.7	- 8	- 16	8.0	F 5
5670	30 2238	L 4619			8 7.69	0445	149	30 29 58.3	033	24	10.5	- 131	- 129	9.0	
5671	28 2089	C 6030	113		12 8 18.68	+3.0466	-0.0133	28 3 39.1	-20.033	+0.025	10.7	- 4	- 9	8.8	
5672	29 2267	C 6031	118	22906-7	8 29.64	0449	140	29 8 7.7	032	25	10.1	+ 11	- 1	7.73	K 5
5673	31 2340	L 4622	120	22911-2	8 44.17	0422	151	30 46 59.2	031	25	9.5	- 48	- 11	7.46	A 2
5674	30 2241	C 6032			8 46.34	0433	143	29 45 27.0	031	25	11.3	- 38	- 4	9.41	K 0
5675	27 2103	C 6033	129		8 57.43	0452	129	27 32 37.9	031	26	13.3	- 69	+ 6	9.6	
5676	31 2341	L 4624			12 9 1.61	+3.0408	-0.0152	31 3 48.5	-20.030	+0.026	10.7	+ 23	- 21	8.2	G 5
5677	31 2342	L 4625	130	22921-2	9 2.36	0403	155	31 27 50.4	030	26	11.1	- 4	- 11	8.6	K 0
5678	29 2268	C 6034		22928	9 19.44	0426	137	28 47 42.7	029	27	11.3	- 13	- 20	8.8	K 5
5679	31 2343	L 4627	143	22936-7	9 36.41	0384	153	31 19 20.0	028	27	11.3	- 92	- 113	8.4	G 0
5680	27 2105	C 6035	146	22939	9 44.57	0435	124	27 0 20.7	028	27	10.3	+ 12	- 34	7.47	G 5
5681	24 2441	B 4472	150-1	22944	12 9 53.88	+3.0466	-0.0107	24 9 53.6	-20.027	+0.028	10.1	- 17	- 143	7.38	G 5
5682	29 2269	C 6038	153	22952-3	10 18.87	0390	138	29 7 51.0	026	29	9.3	- 3	- 6	8.7	G 5
5683	30 2245	L 4632	155-6	22957	10 28.78	0363	148	30 38 29.4	025	29	9.6	- 24	+ 37	8.2	F 8
5684	27 2108	C 6041			11 12.97	0395	123	26 47 46.2	022	30	10.3	- 25	- 23	9.3	
5685	29 2271	C 6042		22981	11 17.11	0356	138	29 17 56.6	022	31	10.3	0	- 28	9.6	
5686	28 2095	C 6043	172-3	23009	12 11 29.99	+3.0360	-0.0133	28 32 56.9	-20.021	+0.031	10.1	+ 4	- 20	8.3	F 8
5687	26 2321	C 6044	174	22990	11 35.38	0391	118	26 15 39.4	020	31	9.7	- 3	+ 6	8.14	F 5
5688	29 2272	C 6045		22994	11 42.94	0341	137	29 20 18.1	020	31	10.3	+ 48	- 66	9.3	G 5
5689	24 2443	B 4476	179-80-1	22995-6	11 47.43	0413	108	24 26 44.1	019	31	10.1	- 16*	- 18*	5.06	K 0
5690	30 2251	L 4638	187	23003	12 14.35	0304	146	30 33 56.9	017	31	11.6	+ 33	- 74	9.3	
5691	28 2097	C 6050	191	23007	12 12 24.06	+3.0337	-0.0131	28 14 24.7	-20.017	+0.033	11.1	+ 24	+ 1	8.4	Ma
5692	25 2481	C 6051	193	23011	12 37.87	0380	111	25 7 33.1	016	33	11.7	+ 12	- 42	8.8	K 0
5693	29 2274	C 6052	197	23013	12 47.31	0308	140	29 13 33.7	015	33	11.9	- 43	- 1	8.8	G 0
5694	29 2275	C 6053	199	23017-8-9-20	12 58.64	0298	142	29 26 10.3	014	34	10.9	- 35*	+ 30*	5.68	A 0
5695	25 2482	C 6054	205	23030	13 15.10	0356	113	25 33 17.3	012	34	11.3	- 17	- 6	9.0	G 5
5696	26 2323	C 6055			12 13 18.36	+3.0346	-0.0117	26 4 18.0	-20.012	+0.034	10.5	- 4	+ 2	8.4	F 2
5697	28 2100	C 6056	218	23044	13 39.21	0306	127	27 48 0.8	010	35	9.9	- 25	+ 3	7.40	A 2
5698	31 2350	L 4642	225-6	23051	13 59.50	0240	144	30 45 6.8	009	35	10.9	+ 78	- 116	6.14	F 0
5699	26 2324	C 6058	229	23057	14 8.90	0310	119	26 41 19.9	008	36	12.5	- 14	+ 53	7.50	F 8
5700	25 2485	C 6059			14 17.27	0341	108	24 47 28.8	007	36	12.3	- 1	- 38	9.2	

5659, 5668. Number of observations 6.

5690. Close double Burnham 6106.

5694. Burnham 6111.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
5701	31 2351	L 4644	234		h m s	s	s	° ' "	"	"					
5702	24 2445	B 4489	235-6	23063	12 14 23.35	+3.0222	-0.0146	30 58 7.8	-20.006	+0.036	13.2	- 46	+ 2	9.3	
5703	25 2486	C 6060			14 25.60	0349	103	24 4 7.3	006	36	12.9	+ 1	+ 16	8.6	K 0
5704	26 2326	C 6061	238-9	23065	14 29.04	0325	111	25 20 46.0	006	36	13.1	- 27	- 1	8.7	G 0
5705	28 2103	C 6062	240	23066-7	14 29.82	0304	117	26 30 29.8	006	36	12.7	- 17	- 23	6.39	A 2
5706	25 2487	C 6063	244	23032	14 30.21	0265	131	28 33 2.6	006	36	12.7	- 144	- 127	9.6	
5707	25 2488	C 6065	250		12 14 43.36	+3.0315	-0.0111	25 33 37.1	-20.005	+0.037	11.5	+ 27	- 18	7.67	A 5
5708	28 2106	C 6067	252	23080-1	14 55.97	0323	107	24 47 3.2	003	37	12.5	- 9	- 13	9.01	G 5
5709	30 2255	L 4646	253	23082	14 59.21	0248	130	28 39 34.8	003	37	11.5	- 151*	- 142*	6.30	F 5
5710	29 2280	C 6068	258	23096-7	15 0.23	0207	143	30 40 3.6	003	37	11.5	- 37	+ 14	8.8	G 5
5711	31 2353	L 4647	260	23104	15 19.15	0231	133	28 57 51.7	001	38	11.5	- 3	- 3	6.53	A 2
5712	26 2329	C 6070	270	23118	12 15 27.48	+3.0184	-0.0145	30 59 11.0	-20.000	+0.038	10.3	- 63	0	8.8	K 2
5713	27 2114	C 6071	278	23120	15 46.69	0266	116	26 30 3.4	19.998	38	12.6	- 102	+ 11	6.11	A 3
5714	27 2115	C 6072	279		15 48.31	0253	121	27 7 18.5	998	38	12.4, 11.9	- 52*	- 119*	5.72	K 0
5715		C 6073	279		16 9.11	0233	123	27 33 20.9	996	39	12.4	+ 26	- 126	6.30	F 2
5716	26 2330	C 6074	284		16 9.79	0233	123	27 33 25.0	996	39	12.4	+ 26	- 126		
5717	25 2492	C 6075	284		12 16 13.76	+3.0258	-0.0114	26 15 56.5	-19.996	+0.040	12.5	+ 4	- 11	9.0	G 0
5718	24 2448	C 6076	288		16 15.21	0289	105	24 42 58.4	996	40	13.0	+ 26	- 29	8.7	
5719	26 2331	C 6077	289	23134	16 17.70	0290	105	24 36 10.9	995	40	12.3	+ 9	- 4	9.2	
5720	26 2332	C 6078	292		16 21.47	0251	116	26 25 34.2	995	40	12.1	- 9	+ 1	8.6	A 0
5721	25 2493	C 6079	292	23136	16 33.14	0250	114	26 13 12.7	994	40	12.5	- 30	- 48	8.4	K 0
5722	32 2234	L 4651	304		12 16 32.88	+3.0264	-0.0109	25 31 40.0	-19.994	+0.040	13.7	- 168	+ 159	7.35	K 0
5723	25 2495	C 6081	305	23140	16 39.80	0123	149	31 48 7.9	993	40	12.3	+ 16	- 24	8.6	F 5
5724	25 2496	C 6082	304	23132	16 54.95	0255	109	25 29 48.1	991	41	11.3	- 3	- 9	7.10	A 3
5725	27 2116	C 6083	305		17 0.70	0262	106	25 0 40.3	991	41	12.9	- 45	+ 4	8.8	F 8
5726	27 2117	C 6084	305		17 12.81	0212	119	27 6 28.1	989	42	12.5	- 17	+ 25	8.2	G 5
5727	28 2109	C 6085	300		12 17 17.70	+3.0210	-0.0118	27 2 55.5	-19.989	+0.042	12.5	- 3	0	9.7	G
5728	26 2336	C 6086	314	23160	17 24.99	0190	124	27 48 32.4	988	42	11.5	- 16	- 25	8.8	G 0
5729	25 2498	C 6088	314	23169	17 26.21	0226	113	26 11 7.4	988	42	12.9	+ 29	- 3	9.3	
5730	26 2337	C 6089	320		17 39.43	0239	107	25 16 23.4	986	42	11.1	- 45	- 11	6.02	A 0
5731	26 2338	C 6090	320		17 58.96	0206	113	26 20 43.9	984	43	11.8	- 6*	- 14*	4.78	F 5, A 3
5732	27 2118	C 6091	323		12 18 0.03	+3.0206	-0.0113	26 19 40.4	-19.984	+0.043	13.1	- 7	- 13	8.8	
5733	27 2119	C 6092	323	23176	18 3.34	0186	118	27 7 16.7	984	43	13.7	- 36	- 15	8.0	K 2
5734	32 2239	L 4660	323		18 8.22	0172	122	27 37 57.8	983	43	13.5	- 18	+ 8	8.3	K 2
5735	31 2357	L 4661	329		18 11.61	0069	147	31 44 53.5	983	44	13.1	- 3	- 17	8.2	K 0
5736	31 2358	L 4662	330		18 15.99	0078	145	31 18 0.3	982	44	12.5	- 1	+ 22	8.6	
5737	26 2340	C 6095	338	23195	12 18 34.84	+3.0072	-0.0144	31 6 33.5	-19.980	+0.044	12.5	- 52	+ 15	9.2	
5738	25 2501	C 6096	338		18 37.20	0188	113	26 21 2.7	980	44	13.1	- 4	- 2	9.2	K 0
5739	27 2120	C 6097	347		18 58.36	0208	106	25 5 33.2	977	45	9.9	+ 51	- 14	7.34	K 2
5740	27 2122	C 6098	348		18 58.88	0160	116	27 3 53.2	977	45	11.9	+ 18	+ 23	9.2	G 0
5741	27 2121	C 6099	350		19 10.27	0144	118	27 28 44.7	976	46	12.7	- 40	- 21	8.9	F 5
5742	24 2452	B 4510	347		12 18 34.84	+3.0072	-0.0144	31 6 33.5	-19.980	+0.044	12.5	- 52	+ 15	9.2	
5743	26 2343	C 6100	348	23207	18 37.20	0188	113	26 21 2.7	980	44	13.1	- 4	- 2	9.2	K 0
5744	29 2284	C 6101	354		18 58.36	0208	106	25 5 33.2	977	45	9.9	+ 51	- 14	7.34	K 2
5745	24 2453	B 4511	350		18 58.88	0160	116	27 3 53.2	977	45	11.9	+ 18	+ 23	9.2	G 0
5746	26 2344	C 6102	351-2	23211	19 10.27	0144	118	27 28 44.7	976	46	12.7	- 40	- 21	8.9	F 5
5747	28 2111	C 6103	355		12 19 11.01	+3.0153	-0.0116	27 6 3.1	-19.976	+0.046	12.7	- 17	+ 35	9.6	
5748	26 2345	C 6104	359	23214-5	19 31.97	0207	101	24 28 52.0	973	46	12.3	- 20	- 19	9.2	K 0
5749	32 2241	L 4666	359		19 32.53	0161	112	26 21 1.2	973	46	11.9	+ 2	- 16	6.65	A 3
5750	31 2362	L 4667	359		19 42.37	0091	127	28 54 20.0	972	46	13.7	+ 46	- 41	9.7	
					19 46.48	0211	098	24 1 14.3	971	46	13.1	+ 6	- 32	9.6	
					12 19 47.72	+3.0148	-0.0114	26 35 51.9	-19.971	+0.046	13.1	- 17*	- 23*	5.10	A 2
					19 54.77	0109	122	27 58 22.8	970	47	13.7	- 26	- 30	9.7	
					19 55.86	0157	111	26 4 53.8	970	47	12.1	+ 14	- 11	6.31	A 5
					20 1.89	0002	146	31 46 42.4	969	47	11.9	- 152	+ 16	8.9	G 0
					20 19.90	2.9998	144	31 31 57.2	967	48	11.6	- 48	+ 7	7.66	K 0

5709, 5719. Number of observations 4.
5716. Burnham 6137.

5712, 5717. Number of observations 6.
5730. Number of observations 18.

5714, 5715. These stars form the pair Σ 1633, magnitudes 7.2 and 7.1.
5730, 5731. Burnham 6148.
5748. Σ 1639.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^{h. m. s.}	Dec. ^{° ' "}		
5751	26 2347	C 6105			12 20 31.52	+3.0140	-0.0109	26 3 34.5	-19.966	+0.048	11.1	- 5	+ 4	9.3	F 8
5752	24 2455	B 4514	375-6	23236	20 43.58	0177	100	24 25 32.8	964	48	10.7	+ 39*	- 48*	6.08	K 0
5753	30 2267	L 4670	377		20 44.25	0015	135	30 27 2.0	964	48	9.9	- 6	- 9	9.0	
5754	27 2129	C 6109			21 21.74	0083	117	27 16 31.3	959	49	11.9	+ 12	- 14	9.0	F 5
5755	26 2350	C 6110	395	23258	21 29.22	0110	110	26 10 49.5	958	49	11.4	- 3	- 19	8.8	K 0
5756	30 2268	L 4672	397-8		12 21 33.18	+2.9982	-0.0135	30 37 21.4	-19.957	+0.049	13.6	- 12	+ 16	9.6	
5757	30 2269	C 6112			21 35.68	3.0007	130	29 43 27.6	957	50	13.5	- 3	- 3	9.3	
5758	28 2115	C 6115	406	23267	21 54.11	0054	118	27 46 0.5	955	50	11.8	- 17*	- 18*	5.15	A 5
5759	26 2351	C 6116	414		22 16.38	0074	112	26 38 55.8	951	51	11.3	- 52	- 26	9.2	K 0
5760	27 2133	C 6117			22 17.73	0054	116	27 19 46.8	951	51	11.7	- 32	- 11	9.0	G 5
5761	29 2288	C 6118	416-7	23279-80	12 22 27.25	+3.0007	-0.0124	28 46 7.1	-19.950	+0.051	12.2	- 66*	- 87*	4.56	K 0
5762	27 2134	C 6119		23281	22 29.40	0049	116	27 19 26.8	950	51	10.3	+ 1*	- 13*	5.04	A 2
5763	27 2135	C 6121			22 43.30	0036	116	27 31 43.8	948	52	11.9	+ 30	- 242	8.6	K 2
5764					22 43.29	0036	116	27 31 46.1	948	52	11.3	+ 30	- 242		
5765					22 43.35	0036	116	27 31 45.6	948	52	13.9	+ 30	- 242		
5766					25 2506	C 6122			12 22 44.66	+3.0097	-0.0103	25 23 2.7	-19.947			+0.051	12.9	- 21	+ 26	10.0
5767	25 2507	C 6124		23306	22 57.12	3.0098	102	25 9 18.1	945	52	10.5	- 34	- 63	8.2	A 3
5768	28 2116	C 6125	421-2	23301-2	23 3.34	2.9993	123	28 36 28.1	945	52	11.7	+ 7	- 19	8.0	K 0
5769	25 2508	C 6126	412-23-4	23304	23 4.39	3.0107	099	24 43 32.0	944	52	10.1	- 10	- 11	8.86	K 0
5770	26 2352	C 6127		23308	23 8.38	3.0056	109	26 24 37.7	944	52	11.5	+ 10	- 5	6.57	A 3
5771	28 2118	C 6128	426		12 23 16.94	+3.0007	-0.0118	27 55 16.5	-19.943	+0.053	11.2	- 36	- 24	8.4	F 0
5772	30 2273	L 4676		23324	23 34.99	2.9922	134	30 18 55.5	940	54	11.3	+ 16	+ 25	8.7	K 0
5773	25 2510	C 6130	437		23 43.78	3.0065	103	25 31 56.1	939	54	11.3	- 1	- 35	8.6	G 5
5774	30 2279	L 4677		23332	24 4.14	2.9913	131	30 5 17.0	935	54	11.7	+ 6	- 18	8.1	K 5
5775	27 2138	C 6131	440	23334	24 8.53	3.0017	110	26 43 29.7	935	54	11.8	- 18	- 28	6.48	A 3
5776	26 2353	C 6132	444-5	23338	12 24 14.92	+3.0025	-0.0108	26 23 50.5	-19.934	+0.054	11.3	- 21*	- 33*	6.69	A 3
5777	26 2354	C 6133	450-1	23341	24 25.12	3.0019	108	26 24 39.2	932	55	11.7	- 14*	- 22*	5.38	A op
5778	29 2292	C 6134	452	23345	24 27.80	2.9923	126	29 23 2.7	932	55	11.5	- 11	- 4	8.8	G 0
5779	32 2250	L 4681	460	23349	24 38.76	2.9832	140	31 53 20.6	930	55	11.9	+ 104	- 33	8.1	G 0
5780	29 2293	C 6135	461		24 39.95	2.9936	122	28 47 31.0	930	55	12.1	+ 16	- 43	9.6	
5781	24 2464	C 6136	465	23357	12 24 56.94	+3.0060	-0.0097	24 36 23.3	-19.927	+0.056	10.3	- 18*	- 8*	5.49	F 5
5782	30 2280	L 4682	467	23360	25 1.48	2.9885	129	29 59 26.9	927	56	12.6	+ 37	- 52	8.8	
5783	30 2281	L 4683		23364	25 1.51	2.9883	129	30 0 37.4	927	56	12.5	- 26	- 30	8.8	G 5
5784	31 2371	L 4684	469		25 4.97	2.9843	136	31 7 49.0	926	56	12.9	- 13	- 42	9.3	G 5
5785	25 2511	C 6137			25 11.06	3.0041	099	25 1 7.0	925	57	13.5			9.6	
5786	30 2283	L 4686			12 25 15.27	+2.9858	-0.0131	30 31 8.8	-19.924	+0.056	13.7	- 70	+ 18	9.3	
5787	25 2513	C 6139	478	23373	25 25.88	3.0040	098	24 50 12.8	923	57	12.7	+ 42	- 32	7.86	F 5
5788	26 2356	C 6140	479-80	23374	25 28.40	2.9981	109	26 37 6.6	922	57	13.5	+ 15	+ 3	8.6	G 5
5789	25 2514	C 6141		23375	25 30.04	3.0032	098	25 2 44.7	922	57	13.3	- 6	- 20	8.65	K 0
5790	29 2294	C 6142			25 42.40	2.9899	121	28 54 16.8	920	57	12.1	- 39	- 29	9.6	
5791	28 2123	C 6143			12 25 45.77	+2.9926	-0.0116	28 3 25.3	-19.919	+0.057	12.1	- 17	+ 1	9.3	K 2
5792	31 2373	L 4687	487		25 50.13	2.9804	137	31 29 22.6	919	58	11.8	- 10	+ 78	9.0	K 0
5793	25 2517	C 6145	497	23396	26 30.96	3.0003	097	25 3 52.9	912	59	10.5	- 8*	- 17*	5.39	A 3 p
5794	32 2252	L 4690		23402-3	26 33.37	2.9763	140	31 55 13.1	912	59	14.3	+ 14	+ 19	7.38	F 5
5795	24 2466	B 4532	500-1		26 33.77	3.0028	094	24 16 9.8	912	59	10.7	- 56	+ 45	7.11	G 0
5796	28 2125	C 6146		23401	12 26 34.54	+2.9895	-0.0117	28 13 40.0	-19.911	+0.059	10.4	+ 9	+ 8	8.7	G 5
5797	27 2142	C 6147			26 57.32	9929	108	26 54 44.0	908	60	11.3	+ 16	- 0	9.3	
5798	25 2518	C 6148	511		27 3.47	9987	098	25 7 5.3	906	60	12.3	- 9	- 21	9.2	
5799	27 2143	C 6149	512	23422	27 4.62	9903	111	27 33 45.7	906	60	10.9	- 3	- 64	8.4	K 0
5800	26 2359	C 6150	513	23423	27 4.84	9944	105	26 22 4.0	906	60	10.7	- 24	- 17	8.4	A 0

5758. Number of observations 24. 5761. Number of observations 14. 5763 and 5765. These stars form the pair Σ 1643, magnitudes 8.7 and 9.2. See note in the Cambridge Catalogue, p. 306. 5764. Observed as one mass. 5765. Number of observations 2. 5777. Burnham 6180. 5779. Burnham 6181. 5782, 5790, 5796. Number of observations 4. 5783. Burnham 6182. Number of observations 6. 5798. Σ 1650.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
5801	29 2296	C 6151			h m s	s	s	° ' "	"	"	13.1	- 16	- 67	9.6	
5802	27 2144	C 6153	520	23429	27 15.00	+2.9852	-0.121	28 56 15.5	-19.906	+0.060	12.4	- 13	+ 4	9.2	G 5
5803	30 2287	C 6155		23435-6	27 22.82	9899	112	27 30 52.0	905	61	8.5	- 8	+ 2	7.46	F 0
5804	26 2360	C 6156	530		27 46.19	9812	126	29 48 40.8	903	60	11.3	- 69	- 45	9.2	G 5
5805	27 2145	C 6157		23447	27 52.22	9921	105	26 28 4.7	899	61	10.3	- 20	- 71	9.0	F 2
5806	28 2128	C 6158	531-2	23449	12 27 59.95	+2.9838	-0.118	28 35 4.4	-19.897	+0.062	11.4	- 30	- 121	9.0	G 5
5807	28 2129	C 6159			28 23.93	9845	114	28 3 0.0	892	63	10.3	+ 28	- 3	8.8	G 5
5808	24 2471	B 4545			28 26.00	9977	093	24 20 21.4	892	63	11.5	- 20	- 66	9.0	G 0
5809	26 2361	C 6160	543-7		28 32.53	9898	104	26 27 47.5	891	63	11.3	- 33	- 15	9.0	K 2
5810	31 2381	L 4699			28 57.09	9689	135	31 35 39.6	886	63	10.2	+ 11	- 11	8.9	
5811	30 2291	L 4701	554		12 29 2.43	+2.9729	-0.128	30 32 12.1	-19.885	+0.063	11.7	- 28	+ 7	8.4	K 0
5812	25 2522	C 6163		23478	29 3.16	9939	096	24 56 43.4	885	64	10.5	- 12	- 8	7.45	Ma
5813	25 2523	C 6164	555-6-7	23479	29 5.16	9944	095	24 46 47.3	885	64	11.9, 11.3	- 16*	- 7*	6.14	A 2
5814	28 2133	C 6165	560	23482-3	29 9.28	9802	117	28 34 40.0	884	64	12.3	- 16	- 2	8.7	F 2
5815	27 2147	C 6166	567		29 24.24	9840	109	27 21 26.8	881	64	12.5	+ 40	+ 1	9.7	F 8
5816	27 2149	C 6167	569		12 29 31.10	+2.9837	-0.108	27 20 8.6	-19.880	+0.065	12.0	+ 34	- 72	9.7	F 8
5817	27 2150	C 6168		23504	29 52.65	9848	105	26 47 12.2	876	66	11.3	+ 34	- 109	8.8	F 5
5818	29 2300	C 6169	580	23505	29 54.87	9768	117	28 49 10.5	876	66	10.9	+ 51	- 112	9.6	G 0
5819	25 2526	C 6170	584-5	23515	30 17.02	9914	093	24 43 12.9	871	66	9.3	- 10	- 5	7.81	K 2
5820	29 2301	C 6172	590	23518-9	30 21.12	9723	122	29 35 0.5	870	66	9.9	+ 21	- 11	8.11	G 5
5821	25 2528	C 6173		23554	12 30 24.74	+2.9900	-0.095	25 0 40.0	-19.870	+0.066	10.5	+ 20	- 4	8.46	K 0
5822	28 2134	C 6174	593		30 26.78	9786	112	27 57 6.6	869	66	10.1	+ 16	- 13	8.8	G 0
5823	30 2296	L 4707	598	23530	30 34.32	9670	127	30 41 22.6	868	65	10.7	- 47	- 13	8.2	F 5
5824	31 2385	L 4708	601		30 43.05	9653	132	31 33 41.2	866	66	11.1	- 107	- 98	9.6	
5825	29 2303	C 6175		23546-7	31 0.68	9712	119	29 20 5.2	863	68	10.5	+ 46	- 104	8.16	G 0
5826	30 2298	L 4711			12 31 20.21	+2.9644	-0.126	30 41 18.2	-19.859	+0.068	9.9	- 11	+ 18	9.2	
5827	29 2305	C 6176		23555	31 28.25	9703	118	29 11 25.5	857	69	10.6	+ 5	+ 9	9.2	G 5
5828	30 2299	L 4712	614-5		31 31.36	9649	124	30 25 21.4	857	68	10.1	- 25	- 14	8.6	K 0
5829	26 2369	C 6177	616	23559-60	31 33.61	9833	098	25 55 13.2	856	68	10.5	+ 7	- 41	8.0	K 2
5830	30 2300	L 4715	619	23567	31 39.21	9665	122	29 56 55.6	855	68	10.7	- 9	+ 17	8.4	K 0
5831	26 2372	C 6179			12 32 11.80	+2.9801	-0.100	26 17 20.6	-19.849	+0.069	10.3	+ 12	- 96	8.9	G 0
5832	24 2477	B 4562	627		32 14.24	9886	089	24 7 43.0	848	70	9.7	- 28	+ 15	9.2	F 8
5833	30 2302	L 4719	630	23585	32 21.63	9630	122	30 11 16.5	846	70	9.6	+ 38	- 46	8.8	G 0
5834	29 2306	C 6181	638		33 4.27	9672	113	28 43 15.6	838	71	13.3	+ 25	0	9.7	
5835	29 2307	C 6182	640	23606-7	33 12.02	9650	116	29 7 29.6	836	71	9.3	+ 11	- 45	8.3	G 5
5836	26 2373	C 6183			12 33 25.83	+2.9765	-0.099	26 18 5.2	-19.833	+0.071	10.6	- 22	+ 18	10.0	
5837	24 2478	B 4566	645		33 40.91	9845	087	24 13 8.9	830	72	11.3	- 28	+ 9	9.2	
5838	27 2155	C 6186	650		33 55.73	9728	102	26 49 35.9	827	73	11.7	+ 65	+ 34	9.6	
5839	29 2308	C 6187	660	23623-4	34 5.13	9624	115	29 4 3.7	825	73	10.0	- 13	- 13	8.8	K 2
5840	24 2480	B 4570	661	23628	34 12.90	9835	087	24 7 46.4	823	73	9.2	- 84	- 23	8.9	K 0
5841	27 2156	C 6191	663		12 34 20.22	+2.9698	-0.103	27 14 49.5	-19.821	+0.074	9.9	- 2	- 15	9.6	G 0
5842	25 2538	C 6192	666		34 25.09	9797	091	24 53 40.3	820	73	9.7	+ 10	- 49	8.8	F 8
5843	30 2310	C 6194		23650	34 47.96	9570	117	29 44 9.4	815	74	9.8	+ 117	- 205	9.01	G 5
5844	31 2390	L 4729	681	23651	34 48.26	9507	126	31 4 40.5	815	74	9.1	- 16	- 35	8.6	K 0
5845	31 2392	L 4731			35 6.78	9475	127	31 29 50.0	811	74	10.1	+ 28	- 47	9.2	
5846	27 2157	C 6195	691		12 35 26.63	+2.9676	-0.101	26 59 46.8	-19.807	+0.075	11.1	+ 18	+ 6	9.6	G 5
5847	25 2544	C 6196			35 37.88	9739	092	25 28 58.4	804	77	10.7	- 15	+ 2	8.8	
5848	25 2543	C 6197			35 38.78	9747	091	25 8 35.9	804	77	10.3	0	+ 29	8.8	
5849	28 2141	C 6198	694		35 41.00	9604	108	28 24 17.0	804	76	12.5	+ 21	- 26	10.2	
5850	31 2396	L 4736	708	23672	36 10.28	9467	121	30 52 22.3	797	76	8.9	- 17	- 84	7.56	A 2

5802. This is the principal star of the pair Σ 1651, components 8.1 and 9.9.

5832. Burnham 6220.

5836. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
5851	27 2158	C 6201	714	23680	12 36 29.57	+2.9615	-0.0104	27 38 0.4	-19.792	+0.077	9.5	- 15	- 5	8.1	F 5
5852	31 2397	L 4739	721	23682	36 43.35	9447	122	30 55 50.2	789	77	9.5	- 25	+ 9	6.88	A 2
5853	31 2398	L 4741	731	23701	37 15.47	9432	120	30 52 1.7	782	78	10.3	+ 13	+ 1	9.6	F 8
5854	27 2163	C 6203	739	23705	37 44.58	9616	098	26 51 9.6	775	79	11.7	+ 12	+ 76	9.6	K 0
5855	30 2315	L 4745	742		37 48.08	9446	117	30 14 14.1	774	78	11.6	- 10	+ 28	9.6	
5856	29 2316	C 6204			12 37 49.61	+2.9503	-0.0111	29 5 50.1	-19.774	+0.080	12.1	+ 48	- 31	9.6	
5857	29 2317	C 6207			38 8.12	9467	114	29 36 9.4	769	80	13.3	- 43	- 112	10.2	
5858	29 2318	C 6208			38 12.00	9463	114	29 39 20.1	768	80	12.8	- 48	+ 6	9.36	G 0
5859	29 2319	C 6209		23717-9	38 14.08	9502	109	28 51 16.0	768	80	10.7	+ 14	- 36	7.47	F 2
5860	26 2382	C 6211	750	23724	38 29.29	9616	095	26 24 11.4	764	80	10.7	+ 8	- 1	8.4	G 5
5861	25 2548	C 6213		23728	12 38 38.02	+2.9689	-0.0086	24 47 35.8	-19.762	+0.081	9.7	- 12	- 12	8.16	K 0
5862	25 2549	C 6214		23730	38 46.79	9670	088	25 6 10.9	760	81	11.3	+ 1	- 28	8.8	F
5863	26 2383	C 6215	757-8	23735	38 52.33	9595	096	26 37 11.3	758	81	10.3	+ 20	- 20	6.71	F 0
5864	27 2165	C 6217			38 53.49	9579	097	26 54 47.7	758	81	12.5	- 31	- 22	9.3	G 0
5865	31 2401	L 4752	762		38 58.15	9350	122	31 17 46.3	757	81	13.1	+ 56	- 202	9.3	G 5
5866	24 2488	B 4591	761		12 39 0.10	+2.9694	-0.0084	24 29 19.0	-19.756	+0.082	12.9	+ 4	+ 5	8.9	K 0
5867	26 2384	C 6218			39 10.00	9603	094	26 16 29.3	754	82	12.9	- 56	- 32	9.2	G 5
5868	26 2385	C 6219		23740-1	39 11.59	9607	093	26 10 22.7	754	82	10.9	+ 11	+ 18	7.56	A 3
5869	28 2145	C 6220			39 34.05	9514	102	27 49 10.9	748	82	9.7	+ 6	- 77	8.6	F 8
5870	25 2554	C 6221	773		39 54.33	9645	086	25 0 55.9	743	83	11.8	- 14	+ 17	9.6	
5871	28 2146	C 6222	776	23757-8	12 39 55.90	+2.9468	-0.0105	28 28 27.3	-19.742	+0.083	10.3	- 31	+ 30	8.0	K 0
5872	25 2555	C 6223			39 57.47	9631	087	25 15 2.1	742	83	10.7	- 62	+ 9	8.8	
5873	29 2320	C 6225		23764	40 19.71	9409	110	29 21 2.6	736	84	10.2	+ 30	- 66	8.2	K 0
5874	24 2489	B 4594	787		40 37.22	9672	080	24 5 9.3	732	85	10.5	- 28	- 6	8.2	Ma
5875	28 2148	C 6227	788	23780	40 38.49	9477	102	27 53 11.1	732	84	9.0	- 7	- 34	7.53	K 0
5876	28 2149	C 6228		23782	12 40 40.61	+2.9458	-0.0103	28 14 16.4	-19.731	+0.084	10.1	- 63	+ 89	8.6	G 0
5877	28 2150	C 6229	790		40 44.70	9477	101	27 49 35.1	730	84	10.7	+ 51	- 50	9.2	G 5
5878	30 2321	L 4757		23792	41 2.59	9336	114	30 16 4.9	725	85	9.3	- 108	+ 7	7.97	G 0
5879	30 2322	L 4758	801	23794	41 6.54	9310	116	30 41 22.2	724	85	10.7	- 1	+ 46	8.4	F 8
5880	29 2323	C 6234		23795	41 8.51	9385	109	29 18 38.9	724	85	12.3	- 45	- 35	9.6	F 5
5881	25 2556	C 6233	800		12 41 8.72	+2.9591	-0.0087	25 24 51.0	-19.724	+0.086	11.6	+ 22	+ 15	9.6	
5882	27 2167	C 6235		23796	41 12.10	9475	100	27 37 15.6	723	85	12.3	+ 19	- 17	9.6	Ma
5883	25 2559	C 6236			41 28.65	9597	086	25 6 46.5	719	86	11.7	- 34	- 25	8.8	
5884	25 2560	C 6237			41 30.17	9592	085	25 13 0.6	718	86	11.7	- 24	+ 5	9.2	
5885	30 2324	L 4760		23811	41 38.07	9326	112	30 5 32.8	716	86	10.7	- 8	- 33	8.6	F 5
5886	29 2325	C 6238		23813	12 41 42.24	+2.9358	-0.0109	29 28 48.3	-19.715	+0.086	10.9	- 3	- 50	9.2	K 0
5887	27 2168	C 6240	813		42 3.53	9491	094	26 50 18.7	709	87	12.7	+ 45	- 71	9.6	G 0
5888	24 2492	B 4600			42 4.42	9628	080	24 12 6.4	709	88	12.2	- 14	- 40	9.6	
5889	24 2493	C 6241	816	23820	42 7.31	9605	082	24 38 31.6	708	88	9.6	- 91	- 238	6.72	F 5
5890	27 2169	C 6242	820	23833	42 27.82	9445	098	27 27 45.3	703	87	12.5	+ 43	- 2	9.2	F 8
5891	25 2561	C 6244	838		12 42 51.12	+2.9580	-0.0083	24 44 15.3	-19.697	+0.089	11.1	- 32	+ 20	8.8	
5892	28 2151	C 6245		23857	43 12.82	9399	099	27 54 3.2	691	89	12.1	- 22	- 8	9.6	G 0
5893	30 2329	L 4766	833	23869-70-71	43 26.38	9270	110	30 1 23.1	687	89	9.5	- 61	+ 8	7.11	F 0
5894	31 2408	L 4767			43 30.59	9191	117	31 18 47.6	686	89	11.8	+ 62	- 8	9.6	
5895	24 2495	C 6246	834	23872	43 33.75	9570	081	24 35 11.3	685	90	9.9	- 34	+ 10	7.31	G 5
5896	27 2172	C 6248	836	23877	12 43 38.60	+2.9402	-0.0097	27 35 54.3	-19.684	+0.089	9.3	+ 17	- 45	8.2	G 5
5897	25 2564	C 6249			43 53.01	9505	086	25 37 38.4	680	90	10.9	- 40	- 31	9.3	
5898	31 2409	L 4769	840	23881	43 53.25	9204	113	30 53 15.2	680	90	10.4	- 45	+ 5	7.74	K 0
5899	31 2410	L 4770	844		44 0.45	9177	116	31 15 27.4	678	90	12.2	- 45	+ 42	8.02	F 8
5900	28 2152	C 6250	843		44 2.13	9352	100	28 16 29.3	677	90	11.7	- 38	+ 13	8.1	F 8

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
	°				h m s	s	s	° ' "	"	"					
5901	25 2566	C 6251			12 44 8.06	+2.9519	-0.0083	25 15 17.5	-19.675	+0.091	11.5	+ 18	- 18	9.3	
5902	27 2173	C 6252	846		44 11.33	9415	094	27 5 21.6	675	90	10.7	- 196	- 75	8.3	G 0
5903	25 2568	C 6253	854	23900	44 24.05	9507	084	25 20 1.3	671	92	10.3	- 244	- 115	6.39	G 5
5904	28 2153	C 6256		23913-5-6	44 54.40	9339	098	28 2 32.9	662	92	9.9	- 71*	+ 11*	5.83	A 0
5905	27 2175	C 6257	867-8	23921	45 8.35	9409	090	26 42 47.7	658	92	10.6	+ 1	- 60	9.0	K 0
5906	29 2328	C 6258	872		12 45 21.23	+2.9230	-0.106	29 38 56.8	-19.655	+0.092	10.9	- 23	- 117	9.56	G 0
5907	27 2176	C 6259	873	23926	45 24.29	9389	091	26 55 19.7	654	92	10.3	+ 38	- 2	6.89	K 0
5908	24 2498	C 6260			45 39.09	9512	079	24 37 32.1	650	94	12.4	- 54	- 18	9.6	
5909	28 2154	C 6265			46 52.83	9292	095	27 49 50.0	628	95	10.5	- 16	+ 35	9.3	K 0
5910	29 2329	C 6266	902		46 54.82	9229	101	28 50 25.0	627	95	9.7	+ 38	- 45	9.2	G 5
5911	29 2330	C 6267	903	23966	12 46 58.54	+2.9195	-0.102	29 21 6.4	-19.626	+0.095	10.1	- 113	- 211	8.7	G 5
5912	28 2155	C 6268	904		47 4.69	9292	094	27 43 24.8	625	95	10.7	+ 9	+ 18	8.6	F 5
5913	29 2331	C 6270	908		47 11.47	9191	102	29 18 15.9	622	96	12.9	+ 34	- 13	9.3	G 0
5914	26 2397	C 6271	910	23971	47 15.19	9391	085	25 59 57.3	621	96	11.7	- 92	- 48	8.9	G 5
5915	28 2156	C 6272	912	23973-4	47 18.95	9266	095	28 1 49.5	620	96	11.3	- 12*	- 26*	5.07	G 0
5916	26 2398	C 6273			12 47 26.45	+2.9377	-0.0086	26 7 49.2	-19.618	+0.096	12.8	+ 13	- 45	9.3	
5917	26 2399	C 6274	917	23980-1	47 30.04	9374	086	26 9 51.3	617	96	10.0	+ 1	- 12	7.62	K 5
5918	31 2415	L 4777			47 34.64	9079	109	30 51 34.7	616	97	13.9	+ 20	+ 7	9.6	
5919	26 2401	C 6275			47 38.99	9383	084	25 56 49.0	614	96	13.2	- 140	- 24	9.6	
5920	28 2158	C 6276		23985	47 42.69	9218	098	28 37 8.2	613	96	12.3	+ 26	- 5	9.3	K 2
5921	26 2402	C 6277	911	23988	12 47 47.59	+2.9384	-0.0083	25 51 46.6	-19.612	+0.096	12.7	+ 11	- 29	8.8	F 8
5922	29 2333	C 6278	926	24000	48 2.99	9163	101	29 19 44.6	607	97	11.8	- 8	- 35	8.8	G 5
5923	31 2417	L 4781			48 13.08	9008	114	31 36 19.2	604	97	13.8	+ 10	+ 5	9.3	
5924	30 2338	L 4782	930		48 15.97	9091	106	30 18 55.1	603	97	12.8	+ 19	+ 15	9.6	
5925	28 2159	C 6279	937		48 39.32	9207	096	28 19 17.8	596	98	10.5	+ 13	- 28	9.7	G 0
5926	27 2187	C 6280	938	24014	12 48 40.02	+2.9272	-0.0090	27 17 7.6	-19.596	+0.098	10.3	- 170	- 95	7.66	G 0
5927	29 2334	C 6282	941	24024-5	48 52.29	9126	101	29 28 45.1	592	099	10.5	- 20	- 44	7.86	F 0
5928	25 2570	C 6281	940	24022	48 52.57	9368	081	25 37 58.5	592	099	10.5	+ 4	- 2	8.7	G 0
5929	25 2571	C 6283	948		49 31.53	9381	078	25 7 29.2	580	101	10.9	- 21	- 4	8.2	K 2
5930	27 2189	C 6284	951	24041	49 32.85	9247	089	27 16 6.3	579	100	10.1	+ 19	- 2	7.10	K 2
5931	25 2572	C 6285			12 49 34.56	+2.9372	-0.0079	25 15 20.7	-19.579	+0.101	11.1	+ 9	+ 28	9.2	
5932	28 2163	C 6287	955		49 44.56	9184	094	28 9 51.4	576	100	10.2	- 15	+ 5	9.2	A 0
5933	29 2336	C 6288			49 56.43	9128	098	28 56 16.6	572	101	10.9	+ 69	- 16	9.3	Ma
5934	28 2166	C 6290	966-7	24062	50 35.08	9138	094	28 28 50.3	560	102	11.1	- 15	- 6	9.3	A 3
5935	29 2339	C 6292			50 40.72	9085	098	29 13 44.7	558	101	12.5	- 42	+ 7	9.6	
5936	25 2573	C 6291			12 50 40.86	+2.9365	-0.0076	24 53 30.0	-19.558	+0.103	10.9	- 85	- 63	9.2	
5937	29 2340	C 6293		24064-5	50 41.98	9118	096	28 43 20.4	558	102	9.5	+ 5	+ 3	8.2	F 2
5938	28 2167	C 6294	972	24071	50 46.41	9147	093	28 15 20.8	556	102	10.5	+ 15	- 83	8.2	G 5
5939	26 2404	C 6295	976	24083-4	51 4.88	9270	082	26 13 43.0	550	102	10.1	+ 46	- 144	8.9	G 0
5940	26 2405	C 6296	980	24086-8	51 10.93	9257	083	26 22 45.5	548	103	11.1	+ 10	- 27	9.0	G 5
5941	24 2508	B 4648			12 51 39.61	+2.9391	-0.0071	24 3 41.8	-19.539	+0.104	10.7	- 7	- 2	9.2	
5942	26 2407	C 6298	989-90		51 42.45	9234	083	26 30 33.1	538	103	12.4	- 11	+ 24	9.7	
5943	30 2345	L 4794	992	24110	51 54.43	8985	100	30 6 54.3	534	103	10.1	+ 12	+ 8	8.7	A 5
5944	28 2169	C 6300	1002	24123	52 30.23	9092	091	28 17 30.2	522	105	11.1	+ 31	- 99	9.7	
5945	30 2346	L 4797	1004		52 34.44	8932	103	30 32 39.0	521	105	11.2	- 62	- 87	9.0	G
5946	25 2577	C 6301	1003		12 52 37.32	+2.9314	-0.0074	24 53 2.3	-19.520	+0.106	10.5	- 1	+ 10	9.0	
5947	31 2425	L 4798	1010	24141	53 4.62	8892	104	30 51 24.5	511	105	11.2	- 17	- 7	8.3	F 8
5948					53 4.66	8892	104	30 51 26.6	511	105	8.9	- 17	- 7		
5949					53 4.75	8892	104	30 51 27.5	511	105	10.4	- 17	- 7		
5950	25 2578	C 6302	1009	24140	53 5.06	9266	077	25 26 18.6	511	107	8.5	- 26	- 36	8.2	G 5

5904. Burnham 6287.

5939. Number of observations 4.

5948. Observed as one mass.

5911, 5918, 5921, 5935. Number of observations 6.

5947 and 5949. Σ 1696. Magnitudes 8.2 and 8.0.

5948. Number of observations 3.

5915. Number of observations 47.

5947. Number of observations, 2, 3.

5949. Number of observations 1.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	s	° ' "	"	"					
5951	29 2346	C 6303			12 53 16.50	+2.8985	-0097	29 27 57.4	-19.507	+105	11.9	+ 20	+ 9	9.6	
5952	29 2345	C 6304	1012		53 18.14	9023	095	28 55 3.3	506	106	12.5	+ 7	- 13	9.6	
5953	29 2347	C 6305	1015		53 21.12	8994	096	29 18 45.7	505	105	12.7	+ 32	- 10	9.6	
5954	26 2409	C 6306	1014	24145	53 22.66	9192	082	26 25 22.6	505	106	11.0	+ 18	- 15	9.0	
5955	31 2428	L 4802	1022		53 55.52	8816	107	31 29 15.8	494	107	10.3	- 23	- 5	9.2	F 5
5956	26 2410	C 6309	1024	24165	12 54 6.01	+2.9173	-0081	26 24 27.9	-19.490	+108	12.6	- 28	+ 3	8.9	K 0
5957	27 2198				54 6.67	9125	084	27 6 5.4	490	108	13.4			10.9	
5958	30 2349	L 4803	1025-7		54 10.90	8881	100	30 30 21.5	488	107	12.7	- 20	- 8	9.0	
5959	29 2348	C 6311		24172-3	54 13.90	9002	093	28 48 19.2	487	108	10.3	- 35	+ 6	6.61	A 5
5960	27 2199	C 6312			54 14.79	9081	087	27 40 52.9	487	108	13.7	+ 55	+ 27	10.0	
5961	28 2170	C 6313	1030		12 54 20.51	+2.9058	-0089	27 57 46.9	-19.485	+108	9.7	- 117	- 92	7.82	G 5
5962	27 2201	C 6314		24177	54 21.71	9083	087	27 36 19.2	485	108	10.1	+ 10	- 0	8.4	G 5
5963	31 2431	L 4804			55 6.30	8819	102	30 55 20.5	469	108	11.7	+ 100	- 90	9.3	G
5964	30 2351	L 4805	1041-2		55 8.91	8845	100	30 32 45.3	468	109	10.6	+ 23	- 61	8.7	G 0
5965	28 2171	C 6315	1043-4	24196-7-224	55 12.26	8990	091	28 33 5.0	467	109	10.7	+ 22	- 1	7.09	F 5
5966	29 2350	C 6316	1045	24198-9-216	12 55 13.47	+2.8977	-0092	28 43 28.3	-19.467	+109	11.3	- 60	+ 19	8.3	F 5
5967	29 2351	C 6318			55 34.30	8938	093	29 7 0.6	460	110	11.5	- 32	- 21	9.3	
5968	24 2518	B 4659	1054	24208	55 43.46	9279	068	24 11 45.6	456	111	9.9	+ 6	- 4	9.3	K 0
5969	31 2434	L 4809	1061		55 58.13	8763	103	31 16 13.3	451	110	11.3	- 21*	- 24*	5.08	K 0
5970	24 2522	B 4663	1064	24220-1	56 12.05	9271	068	24 8 13.0	446	113	10.1	- 13	- 29	8.07	F 5
5971	31 2436	L 4811			12 56 33.05	+2.8764	-0101	30 59 59.5	-19.439	+111	9.7	- 31	+ 8	9.0	G 5
5972	25 2583	C 6321	1075-6	24237	56 40.82	9213	070	24 48 6.8	436	112	9.9	+ 20	- 37	7.86	K 0
5973	26 2415	C 6322	1079		56 48.23	9119	076	26 6 24.9	434	112	10.5	+ 29	- 57	9.6	
5974	26 2416	C 6323	1083		56 58.24	9115	076	26 5 9.0	430	112	10.3	+ 9	- 13	9.3	
5975	30 2353	L 4813	1087		57 7.15	8814	097	30 6 40.2	427	112	12.5	+ 23	- 33	9.6	
5976	31 2439	L 4814			12 57 25.46	+2.8683	-0104	31 38 43.8	-19.420	+112	11.5	- 14	+ 52	9.6	
5977	29 2357	C 6325	1094	24260-1	57 45.68	8841	092	29 28 33.0	413	113	9.6	- 46	- 28	8.2	G 0
5978	26 2418	C 6326			57 57.65	9099	075	25 56 4.3	408	115	11.9	+ 51	- 74	9.2	F 5
5979	31 2442	L 4817	1099	24268	58 3.29	8725	098	30 50 27.4	406	113	9.2	- 70	+ 21	8.2	F 0
5980	31 2443	L 4819	1107	24276	58 20.59	8721	098	30 45 51.7	400	114	10.1	- 63	+ 15	8.8	G 0
5981	31 2444	L 4820	1108		12 58 20.93	+2.8657	-0103	31 33 55.3	-19.400	+114	10.9	+ 42	- 118	9.6	G 5
5982	24 2530	C 6331	1113		58 47.36	9170	067	24 38 40.3	390	116	9.1	- 6	+ 2	8.91	G 5
5983	24 2531	B 4679		24290-1	58 48.21	9193	065	24 18 36.0	390	117	8.8	- 49	- 31	7.21	Ma
5984	26 2420	C 6333		24297	59 8.20	9041	075	26 16 49.7	382	116	10.4	- 40	- 37	8.8	F 5
5985	24 2532	B 4681-2	1116		59 17.69	9194	065	24 7 36.1	379	118	11.5	+ 34	- 7	8.9	
5986	29 2360	C 6335		24301	12 59 19.75	+2.8834	-0089	28 56 4.5	-19.378	+116	10.4	+ 10	- 80	8.8	F 8
5987	26 2421	C 6336	1119		59 24.20	9061	075	25 55 7.9	376	117	12.4	+ 25	+ 10	9.7	G 5
5988	31 2445	L 4821	1122		59 31.72	8623	100	31 29 6.9	373	116	10.4	+ 35	- 30	7.38	G 5
5989	31 2446	L 4822	1123		59 34.12	8642	099	31 14 24.0	373	116	11.1	- 21	+ 12	8.9	F 5
5990	31 2448	L 4824			59 42.71	8660	097	30 57 0.4	369	117	12.1	+ 3	+ 53	9.6	G 5
5991	30 2360	L 4825	1127	24310	12 59 54.97	+2.8674	-0095	30 42 10.8	-19.365	+118	10.0	- 47	- 3	9.2	G 5
5992	28 2179	C 6337	1130		59 58.80	8840	86	28 35 26.2	363	117	9.5	- 9	- 10	8.9	F 8
5993	27 2209	C 6338			13 0 0.99	8978	77	26 47 23.6	363	117	13.6	- 37	+ 4	10.0	
5994	27 2210	C 6339	1131-2		0 14.86	8974	77	26 45 2.5	357	117	13.3	+ 5	+ 4	9.7	
5995	24 2536	C 6340			0 48.06	9114	66	24 41 13.6	345	119	10.5	+ 17	- 30	9.6	
5996	25 2591	C 6342	1150-1		13 1 0.46	+2.9051	-0070	25 27 49.8	-19.340	+120	11.8	+ 7	- 8	9.7	
5997	27 2212	C 6343	1154	24340	1 21.04	8919	77	27 4 3.5	332	119	9.8	- 5	+ 2	7.8	K 0
5998	24 2537	B 4691	1155	24343	1 25.31	9125	65	24 19 30.0	331	120	12.1	- 73	- 140	8.9	
5999	28 2181	C 6344			1 28.20	8849	81	27 54 23.9	329	119	13.9	- 36	+ 39	10.2	
6000	27 2213	C 6345	1157-8		1 30.81	8942	76	26 42 34.9	328	120	12.7	+ 9	- 34	10.0	

5956, 5959. Number of observations 6.
5969. Burnham 6343.

5985. Σ 1714.

5961. Σ 1699.

5999. Number of observations 4.

5962. Σ 1700.

5968. Burnham 6340.
6000. Burnham 6381.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
6001	29 2363	C 6346	1161		13 1 38.64	+2.8722	-0088	29 25 10.3	-19.325	+120	11.9	+ 23	+ 16	9.6	
6002	29 2364	C 6347			1 43.34	8774	85	28 44 56.8	323	120	12.0	+ 42	- 115	9.3	
6003	25 2595	C 6348	1162		1 45.10	9016	70	25 39 53.9	323	121	12.7	+ 4	+ 49	9.6	
6004	29 2365	C 6349	1164	24354-6	1 52.64	8707	88	29 30 40.2	320	120	9.5	- 62	- 22	6.44	A 2
6005	28 2182	C 6350	1171		2 12.53	8775	84	28 33 20.5	312	120	10.5	- 5	- 24	9.2	
6006	27 2216	C 6351	1177		13 2 28.34	+2.8838	-0079	27 40 51.4	-19.306	+121	11.9	- 92	+ 33	9.0	G 5
6007	25 2597	C 6352	1178-9		2 31.24	9027	67	25 15 1.6	305	122	11.5	- 17	- 0	9.2	
6008	28 2184	C 6353	1180		2 31.40	8755	84	28 41 21.0	305	121	10.3	+ 25	- 27	8.7	F 8
6009	25 2598	C 6355			2 36.29	9004	68	25 31 12.1	303	122	12.8			9.2	
6010	28 2185	C 6356	1186	24379-80-1	2 51.70	8791	80	28 6 27.2	297	122	10.5	+ 19*	- 85*	4.90	K 5
6011	29 2369	C 6357		24382	13 2 51.89	+2.8702	-0086	29 11 37.2	-19.297	+121	10.1	- 16	+ 8	8.6	K 2
6012	27 2217	C 6359		24387	3 5.89	8873	75	27 0 16.7	291	122	10.7	- 66	+ 33	7.60	K 0
6013	26 2429	C 6360			3 7.35	8963	70	25 52 1.6	290	123	14.0			10.2	
6014	24 2539	B 4698		24394	3 20.05	9064	63	24 29 12.3	285	124	9.9	- 212	+ 120	8.6	G 5
6015	24 2540	B 4699		24395	3 21.19	9063	63	24 29 49.0	285	124	9.5	- 212	+ 120	9.0	
6016	30 2367	C 6361			13 3 22.23	+2.8625	-0090	29 55 42.2	-19.285	+122	11.4	- 46	- 1	9.6	G 5
6017	30 2368	C 6362			3 25.60	8621	90	29 57 7.1	283	122	11.5	0	+ 73	9.6	G 0
6018	28 2187	C 6363	1193	24402-3-4	3 35.27	8776	79	28 2 17.1	279	123	10.8	- 44	- 53	6.40	K 5
6019	25 2599	C 6364	1194-5	24407	3 42.06	8991	66	25 18 39.0	277	124	10.5	- 36	+ 39	6.90	K 0
6020	27 2219	C 6365			3 44.18	8821	77	27 25 35.8	276	123	11.1	+ 8	+ 46	8.2	F 8
6021	29 2372	C 6367	1201		13 3 50.71	+2.8665	-0085	29 16 10.0	-19.273	+123	12.7	+ 22	- 12	10.0	
6022	30 2371	C 6368	3		4 20.20	8599	88	29 51 55.5	261	124	10.2	+ 150	- 80	8.61	G 0
6023	28 2189	C 6369	5	24427-8	4 24.76	8747	79	28 5 15.4	259	124	11.6	+ 16	+ 1	9.3	
6024	31 2456	L 4838	16-7	24445	4 50.11	8508	92	30 43 24.4	249	125	10.9	+ 28	+ 2	8.1	F 5
6025	29 2373	C 6372		24452-3	4 53.81	8642	84	29 9 35.4	248	125	10.3	+ 46	- 44	8.8	G 5
6026	24 2546	B 4707	18-9	24447-9	13 4 55.43	+2.9033	-0061	24 22 23.6	-19.247	+127	9.1	- 138	- 10	8.2	G 5
6027	25 2602	C 6373			5 5.44	8994	63	24 48 13.8	243	127	12.2	- 37	- 16	9.3	
6028	31 2458	L 4839	27	24461	5 13.31	8479	91	30 54 52.6	240	124	10.1	- 15	+ 8	9.0	F 8
6029	32 2324	L 4840			5 37.07	8381	96	31 50 50.0	230	125	14.3	- 11	- 45	9.6	
6030	29 2374	C 6375	34	24466-7	5 39.88	8607	83	29 17 2.1	229	126	9.3	+ 5	- 20	8.8	K 0
6031	26 2431	C 6377	37-8		13 6 0.03	+2.8871	-0068	26 2 8.3	-19.220	+128	10.0	+ 10	- 21	8.8	K 0
6032	30 2372	C 6379	44	24484	6 4.33	8538	87	29 55 24.7	219	127	10.5	+ 26	- 9	8.6	G 5
6033	29 2375	C 6381			6 30.86	8603	81	29 1 26.5	208	128	11.5	- 88	- 9	8.9	
6034	29 2376	C 6382			6 32.93	8591	82	29 8 45.7	207	128	11.8	- 71	+ 8	9.2	
6035	29 2378	C 6384			6 36.51	8616	81	28 50 5.8	205	128	10.3	+ 2	+ 2	8.7	A 5
6036	31 2462	L 4844	56		13 6 57.88	+2.8384	-0091	31 18 20.7	-19.196	+128	9.9	- 32	- 18	9.2	G 5
6037	27 2224	C 6385	61		7 9.69	8769	71	26 51 55.0	191	130	8.5	+ 24	+ 12	8.4	K 0
6038	29 2379	C 6388	66	24510	7 12.56	8553	83	29 20 48.7	190	129	9.6	- 6	- 40	8.8	F 8
6039	25 2607	C 6387	63		7 12.79	8905	63	25 13 20.6	190	131	10.3	+ 40	- 46	9.6	
6040	28 2193	C 6390	72	24522-4-5-6	7 40.32	8628	77	28 20 5.3	178	130	12.41	- 604*	+ 875*	4.32	G 0
6041	25 2610	C 6391		24520	13 7 48.32	+2.8930	-0061	24 44 13.3	-19.175	+131	8.5	- 38	- 77	6.46	K 0
6042	25 2611	C 6392	73		7 48.34	8901	61	25 5 14.3	175	131	9.0	+ 1	+ 9	9.2	
6043	30 2378	L 4849	79-81		7 59.18	8428	86	30 27 14.8	170	130	8.9	+ 12	+ 10	8.4	K 0
6044	27 2227	C 6395	89		8 29.85	8639	72	27 21 32.3	157	131	9.6	- 34	+ 4	8.2	A 3
6045	28 2196	C 6396			8 32.06	8646	75	27 49 53.1	156	131	9.9	+ 12	+ 5	9.2	
6046	29 2380	C 6397	92		13 8 33.59	+2.8504	-0082	29 25 14.7	-19.156	+131	13.0	- 25	- 17	10.2	
6047	26 2435	C 6398	99		8 47.23	8806	65	25 54 20.2	150	132	10.3	- 8	- 49	9.3	G 5
6048	28 2198	C 6402	109		9 6.50	8617	75	27 58 8.5	141	132	13.1	- 17	+ 20	9.7	
6049	26 2437	C 6401	107		9 6.64	8765	66	26 17 2.6	141	133	10.7	+ 18	- 33	9.6	
6050	30 2382	L 4853	116	24573	9 25.72	8399	84	30 15 23.1	133	127	10.7	- 69	+ 68	8.9	

6004. Burnham 6385.
6020. Burnham 6395.

6012, 6017, 6044. Number of observations 6.
6031. Number of observations 4.

6014, 6015. Burnham 6393.
6040. Number of observations 61.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.			Precession.	Sec. Var.	Dec. 1910.0.			Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
					h	m	s			°	'	"				°	'			"	R.A. "0001.	Dec. "001.
6051	30 2383	L 4854	117	24574	13 9 26.76	+2.8395	-0084	30 17 42.1	-19.133	+127	10.4	- 8	- 21	7.9	G 5				
6052	31 2463	L 4855			9 31.41	8340	86	30 51 20.6	131	126	10.4	- 116	+ 71	9.6					
6053	26 2439	C 6405	120	24577-8	9 34.32	8761	65	26 10 34.0	129	134	9.6	- 6	- 24	7.36	F 5				
6054	31 2464	L 4857			9 58.39	8259	90	31 32 41.3	119	131	9.7	+ 15	- 26	8.8	B 9				
6055	30 2384	C 6407		24594	10 21.37	8405	83	29 52 42.4	109	134	9.1	+ 44	- 42	8.56	G 0				
6056	28 2201	C 6408			13 10 32.09	+2.8583	-0072	27 52 46.9	-19.104	+135	13.3			10.4					
6057	29 2385	C 6411	148	24619	11 20.98	8435	78	29 13 2.6	082	135	8.3	- 25	- 6	7.36	K 0				
6058	30 2387	C 6412	155		11 32.49	8372	80	29 49 21.4	077	136	11.3	- 20	+ 3	9.7					
6059	31 2466	L 4864	170		11 58.98	8208	87	31 22 17.0	065	135	8.1	- 28	- 75	8.3	G 5				
6060	26 2444	C 6414	167-9	24641-2	12 0.90	8675	65	26 23 49.1	064	137	8.5	- 31	- 39	8.2	F 8				
6061	28 2205	C 6416	171	24643-4	13 12 3.13	+2.8508	-0073	28 13 9.1	-19.063	+136	9.1	+ 42	- 357	8.4	K 0				
6062	29 2386	C 6417	185	24665	12 41.81	8365	78	29 31 9.1	046	137	9.7	+ 3	- 26	8.4	K 0				
6063	31 2467	L 4867			12 52.98	8159	87	31 33 4.8	041	137	9.5	- 91	- 5	9.3	G 5				
6064	27 2230	C 6418			13 7.46	8530	69	27 38 18.0	034	139	12.0	- 51	+ 20	9.7					
6065	31 2468	L 4870	193	24679	13 7.94	8197	84	31 5 15.8	034	137	9.5	+ 8	- 21	8.13	F 0				
6066	24 2559	B 4749			13 13 11.72	+2.8846	-0053	24 7 8.3	-19.032	+140	9.9	- 21	+ 16	8.9	A 2				
6067	28 2207	C 6421	202		13 41.25	8486	70	27 55 43.8	019	140	9.5	- 10	- 51	8.8	G 5				
6068	28 2208	C 6422	204		13 42.89	8427	72	28 32 21.9	018	139	9.8	- 25	+ 15	9.2					
6069	28 2209	C 6423	205		13 48.90	8417	72	28 37 8.5	015	139	9.9	- 36	- 13	9.0					
6070	27 2233	C 6424	207	24701	13 57.67	8587	65	26 46 0.4	011	140	11.1	+ 6	- 23	8.9	F 5				
6071	29 2389	C 6425			13 14 12.01	+2.8375	-0074	28 55 40.0	-19.004	+139	11.3	- 13	- 34	9.2					
6072	27 2234	C 6426		24711	14 20.29	8570	64	26 50 20.8	001	141	11.0	- 8	+ 22	8.3	A 2				
6073	27 2235	C 6427		24715	14 29.69	8570	64	26 47 27.7	18.996	141	11.3	+ 34	- 38	9.0					
6074	28 2210	C 6428	221-2		14 30.45	8395	73	28 37 31.5	996	140	12.9	- 14	- 47	9.3					
6075	25 2619	C 6430	225	24718	14 34.75	8725	55	25 4 59.2	994	143	9.5	- 220	+ 44	8.2	G 5				
6076	28 2212	C 6431	230		13 14 45.69	+2.8438	-0069	28 6 16.6	-18.989	+140	12.1	- 33	- 59	9.6	G 5				
6077	29 2391	C 6432		24724	14 47.53	8346	73	29 2 17.2	988	140	9.5	- 28	+ 122	7.04	G 5				
6078	25 2620	C 6433	236		15 4.89	8664	58	25 36 7.7	980	142	12.9	- 1	+ 25	9.7					
6079	27 2237	C 6434			15 8.81	8496	67	27 22 36.3	978	142	9.7	- 19	- 19	9.3					
6080	24 2563	B 4762			15 32.42	8789	51	24 6 33.7	967	144	9.6	- 22	- 9	8.6	F 8				
6081	28 2213	C 6435	243-4	24736	13 15 39.01	+2.8366	-0070	28 34 37.1	-18.964	+142	8.6	- 29	+ 20	8.1	G 5				
6082	27 2238	C 6437	255		16 9.93	8492	65	27 7 15.8	949	143	8.9	- 22	+ 29	8.9					
6083	32 2342				16 14.96	8021	84	31 46 50.9	947	142	11.6			10.4					
6084	25 2623	C 6438	256	24764	16 21.75	8675	55	25 7 19.7	943	145	9.1	- 25	- 42	8.21	K 0				
6085	31 2474	L 4882	282	24791	17 26.83	8063	79	30 59 35.0	912	139	9.5	- 53	+ 10	8.9	G 0				
6086	26 2450	C 6443	285	24794	13 17 40.45	+2.8513	-0059	26 28 8.1	-18.906	+147	9.0	- 10	- 6	7.72	K 0				
6087	25 2625	C 6444	287	24796	17 42.81	8619	55	25 21 12.8	905	147	9.1	- 83	- 41	6.98	A 5				
6088	31 2475				17 45.63	7996	81	31 31 52.0	903	144	12.4			9.7					
6089	27 2243	C 6445			17 57.22	8391	65	27 38 6.5	898	146	9.9	- 12	+ 7	9.0					
6090	27 2244	C 6446			17 59.75	8436	63	27 9 36.4	896	146	11.0			9.0					
6091	27 2245	C 6449	293		13 18 2.53	+2.8452	-0062	26 59 23.2	-18.895	+147	11.3	- 47	+ 25	8.3					
6092	31 2477	L 4883	295	24804	18 2.64	8068	77	30 45 49.2	895	137	9.8	+ 16	- 37	6.92	K 0				
6093	25 2626	C 6448	292		18 3.13	8665	52	24 46 19.9	895	148	10.8	+ 5	- 7	9.6					
6094	29 2400	C 6450			18 10.35	8187	73	29 35 24.5	891	146	12.1	- 1	+ 21	9.3					
6095	25 2627	C 6451			18 15.61	8646	53	24 54 46.3	889	148	10.9	- 7	- 9	9.3					
6096	30 2391	L 4886	297		13 18 18.57	+2.8098	-0075	30 24 10.6	-18.887	+145	11.9	+ 30	- 1	9.6					
6097	26 2452	C 6452	296	24808	18 19.06	8484	60	26 35 9.4	887	147	10.4	- 131	+ 14	7.54	F 8				
6098	29 2401	C 6453			18 19.85	8243	70	28 59 26.4	887	146	12.3	- 33	- 45	9.6					
6099	28 2221	C 6455			18 25.40	8303	68	28 22 21.4	884	146	12.9	- 15	+ 24	9.3					
6100	26 2453	C 6454	300	24813	18 25.49	8507	58	26 18 36.1	884	148	11.8	- 18	+ 5	8.9	G 5				

6051. Burnham 6428.
6091. Burnham 6467.

6070. Number of observations 7.
6092. Burnham 6468.

6072, 6090. Number of observations 6.
6093. Number of observations 4.

6089. Burnham 6465.
6097. Burnham 6470.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
6101	29 2403	C 6457		24822	13 18 45.81	+2.8230	-0.0069	28 59 33.1	-18.874	+1.147	12.9	- 4	- 7	9.2	K 5
6102	29 2404	C 6458	307		18 50.22	8170	72	29 32 42.3	872	146	12.1	+ 7	- 9	9.2	K 2
6103	27 2247	C 6459	310		18 57.85	8438	60	26 52 14.8	868	148	12.1	+ 30	- 53	9.6	G 5
6104	31 2480	L 4887	316	24835	19 15.71	8002	78	31 0 36.9	859	146	13.5	- 35	- 48	9.3	G 5
6105	29 2405	C 6460	323	24838	19 23.01	8137	73	29 42 4.9	855	147	11.37	- 343	+ 239	8.86	K 5
6106	26 2455	C 6461	325	24832-7	13 19 30.71	+2.8507	-0.0056	26 1 2.4	-18.852	+1.150	9.7	- 37	0	7.38	K 0
6107	30 2394	L 4890			20 13.64	8061	74	30 9 59.6	830	147	12.8	+ 10	+ 53	9.3	
6108	31 2483	L 4892	334	24859	20 14.77	7968	77	31 1 25.5	830	149	9.7	+ 44	- 22	9.3	F 2
6109	25 2630	C 6464	337		20 21.59	8576	51	25 5 19.7	826	152	10.7	- 6	- 21	9.6	
6110	24 2578	B 4778	344	24862-3	20 49.18	8639	47	24 19 23.9	812	152	10.7	0*	- 14*	5.75	A 2
6111	31 2485	L 4894	345	24866	13 20 49.19	+2.7929	-0.0077	31 12 8.7	-18.812	+1.149	10.8	- 51	- 103	9.6	
6112	28 2224	C 6469	346-7	24867	20 53.22	8222	65	28 26 56.8	810	151	10.2	+ 19	- 35	8.6	F 8
6113	26 2460	C 6470	353	24871	21 8.38	8464	55	26 1 1.9	803	152	10.3	- 38	- 8	8.7	F 2
6114	26 2461	C 6471	358	24876	21 23.65	8443	56	26 9 2.3	795	152	10.3	- 30	- 15	9.0	
6115	25 2633	C 6472			21 34.46	8560	50	24 55 45.6	790	154	11.1	- 21	+ 12	9.6	
6116	27 2251	C 6473	370		13 21 55.27	+2.8273	-0.0062	27 40 37.9	-18.779	+1.152	12.3	- 53	- 74	10.2	
6117	31 2487	L 4899	373	24892	21 56.54	7896	75	31 10 9.7	778	151	9.3	- 45	+ 33	7.92	F 5
6118	25 2634	C 6474	371		21 57.78	8516	50	25 16 18.6	778	154	12.0	- 110	+ 24	9.6	
6119	24 2583	B 4783	374	24893	22 9.73	8635	45	24 1. 30.2	772	154	10.5	- 137	+ 49	8.4	K 0
6120	28 2226	C 6475	377-8		22 11.73	8160	65	28 39 58.2	771	152	12.1	- 13	+ 3	9.3	G 5
6121	31 2489	L 4903	387	24903	13 22 28.82	+2.7863	-0.0076	31 18 17.3	-18.762	+1.152	10.1	- 20	- 1	8.9	
6122	27 2252	C 6476	389		22 38.14	8351	56	26 43 26.0	757	154	9.6	- 43	- 49	8.7	
6123	29 2408	C 6477	393	24911	22 58.67	8064	67	29 20 27.9	746	154	10.6	- 48	- 7	8.2	K 0
6124	25 2637	C 6478	397	24914	23 13.51	8534	48	24 46 40.3	739	156	10.8	- 24	+ 6	8.81	G 5
6125	25 2638	C 6479			23 17.53	8461	50	25 28 33.3	737	156	10.5	0	- 18	9.0	
6126	25 2639	C 6481	400	24919	13 23 28.29	+2.8519	-0.0047	24 52 17.2	-18.731	+1.156	10.3	+ 3	- 21	8.41	F 5
6127	27 2255	C 6482	408	24922	23 41.30	8261	58	27 18 29.1	724	156	10.6	+ 9	+ 8	8.0	F 5
6128	29 2409	C 6483	412	24934	23 52.39	8084	65	28 54 48.3	719	155	10.6	+ 3	- 39	9.0	
6129	31 2493	L 4907	418	24941	24 9.04	7772	75	31 36 55.1	710	153	11.5	- 2	+ 8	7.12	K 2
6130	27 2257	C 6486	419		24 13.37	8206	59	27 40 49.0	708	155	11.7	+ 20	+ 43	8.7	
6131	28 2228	C 6487	420		13 24 13.97	+2.8192	-0.0060	27 48 51.4	-18.707	+1.155	11.6	+ 45	- 24	8.4	K 2
6132	24 2588	B 4798	422		24 24.22	8578	44	24 2 47.7	702	158	12.3	- 5	- 28	8.9	
6133	29 2410	C 6488	424	24953	24 27.78	8065	65	28 55 0.0	700	156	12.2	- 93	- 100	8.2	G 0
6134	29 2411	C 6489		24956	24 37.75	8078	63	28 45 7.3	695	156	11.9	+ 14	- 15	8.4	K 0
6135	27 2258	C 6490			24 43.48	8215	57	27 27 51.1	692	157	11.7			9.6	
6136	31 2494	L 4910	431	24964	13 24 44.85	+2.7820	-0.0072	31 1 34.1	-18.691	+1.154	10.7	- 31	- 16	8.15	G 5
6137	31 2495	L 4913	436	24970	25 1.58	7751	74	31 32 18.4	682	155	12.3	- 27	- 30	9.2	G 5
6138	25 2640	C 6495			25 11.19	8462	47	24 59 42.5	677	159	13.7	- 41	+ 2	10.9	
6139	28 2231	C 6496	448-9	24986	25 34.89	8117	60	28 8 24.0	664	158	10.4	+ 7	+ 20	8.8	
6140	30 2405	L 4917			25 52.88	7876	68	30 13 8.2	655	150	11.3	- 22	- 25	9.6	
6141	29 2417	C 6499	461	24997	13 26 5.18	+2.8004	-0.0063	29 1 57.7	-18.648	+1.158	10.9	0	- 6	8.6	G 5
6142	28 2232	C 6500	462	25000	26 11.10	8103	59	28 6 45.6	645	158	11.0	- 54	- 191	8.9	
6143	24 2592	C 6501	465-6	25006	26 31.24	8460	45	24 41 50.2	634	161	11.1	- 16	- 38	7.96	G 5
6144	24 2593	C 6502	469-70	25007	26 36.20	8457	45	24 42 4.9	632	161	11.5	+ 3	+ 11	7.51	F 2
6145	31 2498	L 4919			26 44.39	7757	70	31 0 22.0	627	157	12.0	- 19	+ 2	9.6	
6146	27 2262	C 6504	474	25016	13 26 46.91	+2.8224	-0.0053	26 51 15.1	-18.626	+1.160	11.5	+ 37	+ 33	7.15	A 5
6147	31 2499	L 4920	452		26 47.84	7738	71	31 9 19.3	625	157	11.7	- 40	+ 8	9.6	
6148	29 2421	C 6507	481		27 4.23	7931	64	29 25 5.4	617	160	12.1	- 35	- 34	9.2	
6149	28 2235	C 6509			27 21.80	8112	57	27 43 11.9	607	160	13.1	- 57	+ 6	9.7	
6150	30 2411	L 4924	489		27 34.45	7818	65	30 15 43.1	600	159	11.5	- 14	0	8.9	K 0

6105. Close double Burnham 6476.

6124. Number of observations 6.

6132. Burnham 6497.

6143, 6144. Burnham 6512.

6148. Burnham 6515.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.			Precession.	Sec. Var.	Dec. 1910.0.			Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
					h	m	s			°	'	"				°	'			"	R.A. 8.0001.	Dec. 8.001.
6151	27 2264	C 6510	488	25036	13 27 36.37	+2.8178	-0.0054	27 3 52.7	-18.599	+161	10.7	+ 3	+ 8	7.83	K 5				
6152	29 2423	C 6511		25045	27 52.00	7949	61	29 2 52.5	591	161	11.1	+ 49	+ 10	8.8	G 5				
6153	31 2503	L 4928		25051	28 11.65	7718	69	30 56 10.4	580	158	11.7	- 19	- 9	8.4	K 0				
6154	28 2236	C 6513			28 30.14	8001	58	28 25 17.9	570	162	11.5	- 28	- 50	9.6					
6155	25 2643	C 6514		25057	28 32.37	8397	43	24 48 49.5	569	164	11.9	+ 48	- 217	6.18	G 5				
6156	31 2506	L 4929			13 28 38.27	+2.7722	-0.0067	30 47 1.8	-18.565	+161	12.7	+ 25	- 4	9.0					
6157	31 2507	L 4930	511-2	25064	28 39.08	7671	69	31 12 38.2	565	160	11.1	+ 22	+ 5	7.54	K 0				
6158	27 2265	C 6515		25070	28 44.93	8172	51	26 49 58.7	562	163	13.2	- 41	+ 48	9.3					
6159	30 2415	L 4931	513-4		28 47.81	7747	66	30 31 56.9	560	162	13.3	- 17	+ 15	9.2					
6160	26 2468	C 6517	516	25071	28 54.53	8222	49	26 20 32.6	556	163	12.9	+ 14	- 11	8.8	G 5				
6161	30 2416	L 4932			13 29 6.62	+2.7766	-0.0065	30 17 5.5	-18.550	+162	11.9	- 113	- 32	9.2					
6162	28 2237	C 6519	528		29 20.20	8046	55	27 48 49.4	542	163	11.8	0	- 22	8.6					
6163	30 2419	L 4935	531-2		29 22.35	7718	65	30 37 5.4	542	162	12.6	+ 45	+ 85	9.3	K 0				
6164	30 2420	L 4936			29 24.46	7767	64	30 11 53.1	540	163	11.4	- 31	+ 79	8.4	G 0				
6165	28 2238	C 6520	534		29 32.72	8029	56	27 54 43.7	535	163	11.8	- 54	- 19	9.0					
6166	27 2268	C 6524	546	25081	13 30 10.63	+2.8144	-0.0050	26 44 14.0	-18.514	+165	11.3	+ 17	- 11	8.0	F 2				
6167		C 6525	547		30 11.26	8144	50	26 44 17.5	514	165	12.0	+ 17	- 11						
6168	31 2510	L 4945		25125	30 26.23	7665	65	30 46 48.9	505	164	11.5	+ 20	- 41	9.2					
6169	29 2431	C 6527	551	25126	30 28.78	7841	60	29 17 49.0	504	165	11.7	- 63	- 39	8.6	G 5				
6170	28 2241	C 6528			30 37.65	7991	55	27 58 12.5	499	165	11.5	- 13	- 5	8.2	G 5				
6171	32 2363	L 4947			13 30 42.69	+2.7537	-0.0069	31 44 35.7	-18.496	+162	12.3	- 13	0	9.6	K				
6172	30 2421	L 4948	566-7-8	25138	30 53.72	7671	64	30 36 16.2	490	164	11.0	- 40	- 1	8.8	F 8				
6173	25 2649	C 6529	562	25134	30 54.98	8193	43	25 15 58.5	489	168	11.5	- 45	+ 45	8.8					
6174	29 2432	C 6530	570	25145	31 6.34	7787	60	29 35 43.0	483	165	11.7	+ 15	- 46	8.8					
6175	24 2604	B 4826	583		31 51.03	8361	39	24 23 38.2	458	170	10.6	+ 11	- 6	8.01	G 5				
6176	31 2517	L 4951	588		13 32 6.19	+2.7526	-0.0067	31 28 15.1	-18.449	+165	11.5	+ 7	- 4	9.6					
6177	30 2424	L 4952	589	25161-2	32 7.06	7678	62	30 14 0.2	448	165	9.6	- 61	+ 98	8.3	G 0				
6178	26 2473	C 6534	593	25169-71	32 30.19	8127	46	26 20 14.8	435	169	10.2	- 35	- 41	8.4	F 0				
6179	29 2435	C 6535			32 30.52	7787	57	29 14 8.8	435	166	10.8	+ 26	+ 26	9.3					
6180	28 2244	C 6537	597-8		32 43.65	7878	54	28 25 22.7	427	167	10.5	+ 13	+ 46	8.1	F 8				
6181	25 2652	C 6538	596	25176	13 32 45.03	+2.8263	-0.0041	25 4 19.5	-18.427	+170	9.6	- 9	- 13	5.90	Ma				
6182	29 2436	C 6539			32 48.00	7812	56	28 57 10.2	425	167	10.3	+ 17	- 15	8.9					
6183	26 2474	C 6540	603		33 3.03	8082	46	26 36 0.2	416	170	11.1	- 21	- 7	9.6					
6184	30 2428	L 4957	604-5-6	25183	33 5.24	7610	62	30 32 33.7	415	168	10.0	- 112	+ 25	8.7	G				
6185	25 2655	C 6542			33 8.93	8201	42	25 32 5.9	413	170	10.3	- 8	- 34	9.3					
6186	27 2273	C 6546	617	25194	13 33 41.43	+2.7988	-0.0049	27 15 49.3	-18.394	+171	9.7	+ 4	- 3	8.4	G 5				
6187	30 2430	C 6548			34 8.26	7650	59	29 56 59.3	379	169	12.7	+ 32	+ 19	9.6					
6188	28 2245	C 6549		25210	34 10.47	7917	50	27 44 41.1	377	170	10.1	- 35	- 19	8.2	A 5				
6189	30 2431	C 6550			34 16.16	7661	58	29 49 32.9	374	169	12.4	- 22	- 122	9.6					
6190	24 2611	C 6552		25221	34 39.03	8257	38	24 42 25.9	361	173	11.0	- 13	+ 13	8.31	G 5				
6191	24 2612	C 6553		25222	13 34 42.71	+2.8269	-0.0038	24 35 20.5	-18.358	+173	9.6	+ 26	- 38	7.71	F 0				
6192	31 2522	L 4963	650	25229	35 0.75	7418	63	31 33 36.7	348	166	10.8	- 75	+ 52	8.6	F 8				
6193	27 2275	C 6555		25227	35 3.03	7979	47	27 0 58.3	346	173	10.7	- 6	+ 12	9.6	A				
6194	30 2432	L 4964	651		35 4.06	7554	58	30 29 18.5	346	170	11.1	- 17	+ 1	9.0					
6195	27 2276	C 6556	653	25232	35 13.77	7959	48	27 8 33.2	340	173	10.4	+ 26	- 56	7.16	K 0				
6196	25 2658	C 6557			13 35 32.36	+2.8204	-0.0038	24 59 3.0	-18.329	+175	11.3	- 5	- 69	9.6					
6197	29 2444	C 6558			35 44.03	7744	52	28 48 17.6	322	172	11.9	- 16	- 5	9.6					
6198	26 2481	C 6559	667-8	25242	35 48.37	8034	44	26 22 56.3	320	173	11.6	- 25	+ 11	8.2	G 5				
6199	27 2277	C 6560	669	25243	35 50.92	7967	46	26 56 8.8	318	174	12.5	- 55	+ 10	9.7					
6200	30 2434	L 4970	670-1		35 52.07	7528	57	30 29 40.9	318	171	11.3	+ 8	- 44	8.8					

6155. Burnham 6523.

6165. This is the principal star of the pair Σ 1759.
6167. Number of observations 6.

6166-7. Σ 1760, magnitudes 8.0 and 8.3.
6184. Σ 1766.

6166. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
6201	29 2446	C 6562	678	25254	13 36 7.41	+2.7648	-.0055	29 29 1.5	-18.308	+172	12.7	+ 14	- 16	8.4	K 0
6202	31 2526	L 4971	685-6	25259	36 9.83	7393	62	31 27 55.7	307	171	9.8	- 65	+ 86	6.08	G 5
6203	28 2248	C 6564	697	25264	36 29.88	7757	51	28 31 13.6	295	173	11.4	- 47	- 10	6.36	K 0
6204	26 2483	C 6567	705		36 50.56	8002	43	26 25 15.8	283	176	11.5	- 62	+ 25	9.6	
6205	26 2486	C 6572			37 50.53	8017	41	26 4 23.2	247	177	11.3	- 25	- 20	9.7	
6206	24 2622	C 6573	726-7	25296	13 38 3.43	+2.8179	-.0035	24 39 46.2	-18.239	+178	9.7	- 31	- 8	8.76	G 5
6207	28 2250	C 6574			38 14.85	7730	49	28 19 44.8	232	176	9.6	- 29	+ 5	9.2	
6208	28 2251	C 6575	737	25307	38 19.25	7687	50	28 39 25.0	229	176	9.7	+ 14	- 8	8.26	F 5
6209	28 2252	C 6576	739		38 25.44	7800	47	27 43 28.9	226	177	10.5	- 10	+ 10	9.3	
6210	28 2253	C 6577	747	25324	38 49.74	7766	47	27 54 23.0	211	177	9.6	+ 6	+ 10	8.9	K 0
6211	30 2439	L 4985	755	25329	13 38 56.42	+2.7480	-.0054	30 7 57.1	-18.207	+176	10.3	+ 18	- 20	8.9	A 0
6212	25 2666	C 6578	757-9		39 3.56	8136	35	24 48 46.8	202	180	10.8	- 30	- 32	8.8	
6213	25 2669	C 6579	764		39 12.24	8067	36	25 22 20.5	197	180	11.5	- 12	- 7	9.6	
6214	30 2441	C 6580	768-70		39 16.96	7492	54	29 57 29.9	194	176	10.7	- 18	+ 22	9.3	
6215	26 2488	C 6582	784		39 58.35	8003	37	25 44 12.3	169	180	9.7	- 78	- 11	8.8	G 0
6216	28 2254	C 6583	787	25351-2	13 40 1.24	+2.7717	-.0046	28 2 17.2	-18.167	+178	9.7	+ 1	+ 14	7.06	A 3
6217	24 2629	B 4875			40 20.38	8188	31	24 7 11.6	155	183	9.9	- 7	- 19	8.2	A 5
6218	29 2454	C 6584	790-1	25361	40 22.98	7527	51	29 25 44.0	154	179	9.9	- 5	- 3	8.3	G 5
6219	25 2674	C 6585	796		40 39.50	8064	34	25 5 32.2	143	182	10.1	- 16	- 47	9.7	
6220	28 2257	C 6588	812-3		40 59.03	7612	48	28 38 23.5	131	179	10.2	+ 11	- 27	9.6	
6221	32 2385	L 4995		25384	13 41 15.16	+2.7158	-.0059	31 56 34.2	-18.121	+177	14.3	- 11	- 10	8.9	
6222	31 2536	L 4996	820		41 36.55	7272	55	31 3 33.2	108	179	9.3	- 54	- 6	8.6	K 0
6223	27 2285	C 6590	822	25394	41 42.94	7715	44	27 40 36.2	104	181	10.2	- 26	+ 3	8.3	K 0
6224	31 2537	L 4998			41 59.68	7199	57	31 30 16.1	093	178	10.8	- 43	+ 8	9.6	F 5
6225	31 2540	L 5000	833	25410	42 10.80	7214	56	31 20 59.0	.086	180	11.8	- 196	- 90	6.55	F 5
6226	27 2288	C 6594	829	25405	13 42 11.02	+2.7707	-.0043	27 38 36.3	-18.086	+182	11.2	+ 2	- 30	8.1	F 2
6227	31 2539	L 5001		25406	42 11.78	7274	53	30 54 38.4	086	180	11.1	- 11	- 45	8.6	K 0
6228	24 2635	C 6593	827		42 12.15	8085	31	24 36 24.2	086	185	11.4	+ 11	- 22	9.7	
6229	28 2259	C 6597	839-40	25412	42 26.44	7603	46	28 23 33.7	077	181	10.1	+ 24	- 10	8.4	A 0
6230	26 2494	C 6599	844	25414-6	42 32.60	7886	37	26 9 12.9	073	184	10.8	- 14*	- 67*	5.91	F 5
6231	24 2637	C 6600	863-4		13 43 40.66	+2.8055	-.0030	24 33 43.5	-18.030	+187	9.5	- 40	- 62	9.16	K
6232	31 2544	L 5007			43 53.25	7189	53	31 8 20.3	022	181	10.5	- 46	- 18	9.6	
6233	27 2293	C 6601	868		43 53.45	7748	39	26 57 48.6	021	185	10.3	- 12	+ 8	9.0	F 8
6234	32 2390	L 5009	874		43 54.70	7082	56	31 53 23.9	021	181	14.3	+ 26	- 36	8.8	
6235	32 2391	L 5010	882		44 16.71	7076	56	31 50 57.4	006	181	14.3	- 56	+ 11	8.2	
6236	25 2681	C 6602	883	25463	13 44 26.69	+2.8006	-.0031	24 48 24.9	-18.000	+187	9.7	- 18	- 46	9.11	G 5
6237	30 2449	L 5011	886-7	25464-5	44 26.91	7287	51	30 18 33.2	000	183	8.5	+ 6	0	8.0	K 0
6238	25 2680	C 6603			44 26.92	7903	35	25 37 41.0	000	186	10.4	0	+ 9	9.2	G 0
6239	24 2644	B 4890	884		44 27.94	8044	30	24 30 13.1	17.999	187	10.1	- 20	+ 29	9.7	
6240	31 2547	L 5012	891		44 35.07	7097	54	31 38 13.3	995	182	10.0	- 16*	+ 38*	5.81	K 0
6241	28 2262	C 6605	890	25467	13 44 37.51	+2.7549	-.0043	28 19 46.3	-17.993	+184	10.0	- 17	- 26	7.25	G 5
6242	27 2296	C 6607		25475	44 58.14	7658	.40	27 25 44.9	980	186	9.91	- 364	- 78	7.26	K 2
6243	31 2550	L 5018	911	25487	45 25.76	7136	53	31 10 2.8	962	184	9.0	- 32	- 3	7.8	K 0
6244	28 2265	C 6610	915	25489	45 37.15	7563	42	28 0 56.3	955	187	10.3	+ 4	- 27	9.0	G 5
6245	29 2459	C 6611	921-2		45 49.87	7353	46	29 31 38.0	946	186	11.4	- 9	- 32	9.6	
6246	29 2460	C 6612	925-6		13 45 57.08	+2.7338	-.0046	29 36 38.8	-17.942	+186	11.4	- 13	+ 30	9.6	
6247	30 2451	C 6613	927-8		45 58.93	7321	47	29 43 33.4	940	186	11.0	- 2	+ 27	8.91	K
6248	31 2553	L 5022			46 3.91	7043	53	31 40 45.1	937	184	11.9	- 13	- 27	9.3	
6249	27 2299	C 6614	934		46 14.64	7715	36	26 44 7.1	930	188	9.2	- 5	- 10	8.8	G 0
6250	28 2266	C 6615	935		46 20.74	7547	41	27 58 58.6	926	188	10.9	- 11	- 13	9.6	G

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.					
												R.A. ".0001.	Dec. ".001.							
					h m s	s	s	° ' "	"	"										
6251	24 2649	B 4907	941	25505	13 46 45.46	+2.8041	-.0026	24 5 16.8	-17.910	+190	9.9	- 13	- 33	8.6	K					
6252	24 2650	B 4908			46 50.44	8024	27	24 12 35.9	907	191	9.7	+ 17	- 90	8.8	K					
6253	27 2301	C 6618	947	25516	47 3.90	7582	39	27 34 26.7	898	189	9.1	- 13	+ 7	8.4	G 5					
6254	25 2689	C 6619	945-6	25513-4	47 5.42	7900	31	25 8 32.5	897	191	9.0	- 17	- 63	7.66	K 0					
6255	30 2454	L 5024	950-1		47 9.87	7213	47	30 14 33.7	894	187	10.1	- 77	+ 16	9.3	G					
6256	30 2456	L 5026	965-6-8		13 47 34.95	+2.7171	-.0047	30 27 8.9	-17.878	+187	9.9	- 57	+ 30	8.8	G					
6257	25 2691	C 6623	964	25532-3	47 38.56	7887	30	25 8 0.1	875	191	9.0	0	- 22	8.2	K 0					
6258	25 2692	C 6624	971		47 44.27	7840	31	25 28 47.5	872	191	9.7	- 74	+ 71	7.92	F 8					
6259	26 2501	C 6625	982		48 1.30	7690	35	26 34 28.4	860	190	10.5	+ 35	- 52	8.8	A 2					
6260	30 2457	L 5031	985-6		48 4.84	7132	48	30 37 9.5	858	187	10.8	- 22	- 44	9.6						
6261	31 2556	L 5032			13 48 11.91	+2.7020	-.0050	31 22 10.8	-17.853	+187	10.8	- 21	+ 16	9.6						
6262	26 2502	C 6626			48 17.61	7734	34	26 11 4.8	850	191	11.1	+ 31	0	9.6						
6263	24 2654	B 4913		25548	48 22.28	8014	25	24 0 26.2	846	194	10.1	+ 7	- 8	8.02	F 5					
6264	28 2269	C 6629	1000-1	25560	48 47.74	7389	41	28 38 9.4	829	190	10.9	- 28	+ 9	8.8	F 5					
6265	28 2272	C 6633	1004	25563	48 56.88	7437	39	28 15 35.0	823	191	10.14	+ 168	- 414	8.8	K 0					
6266	28 2273	C 6634	1005	25566	13 48 58.01	+2.7460	-.0038	28 5 22.9	-17.823	+191	10.2	- 98	+ 108	8.8	G 0					
6267	29 2464	C 6636	1007-8	25575	49 5.38	7318	42	29 5 27.0	818	190	10.4	- 90*	+ 14*	5.84	A 5					
6268	25 2696	C 6635	1006	25565	49 6.83	7818	30	25 23 30.6	817	194	11.7	+ 50	- 22	9.0						
6269	27 2306	C 6639			49 10.97	7531	37	27 31 45.7	814	191	11.6	+ 30	+ 40	8.6	K 0					
6270	24 2658	C 6638	1009		49 11.75	7918	26	24 36 13.0	813	194	12.8	- 5	- 1	8.06	K 0					
6271	24 2659	C 6641	1010		13 49 15.95	+2.7920	-.0026	24 34 50.0	-17.811	+194	12.7	+ 32	- 12	9.6						
6272	28 2274	C 6642		25582	49 23.64	7469	37	27 56 17.4	806	192	11.8	+ 34	- 27	8.2	K 5					
6273	29 2467	C 6644	1017-8		49 27.11	7308	42	29 5 20.4	803	191	12.3	+ 91	- 54	9.6						
6274	26 2504	C 6645	1021	25585	49 31.41	7711	31	26 7 22.8	801	194	12.0	- 41	- 7	9.2	F 5					
6275	29 2471	C 6646	1036	25606	50 3.56	7335	40	28 46 14.1	779	192	10.8	- 7	- 14	8.0	K 0					
6276	25 2698	C 6649		25610	13 50 15.99	+2.7755	-.0030	25 38 58.4	-17.770	+195	9.9	- 1	- 42	9.0	F 8					
6277	30 2461	L 5040	1051-2	25616	50 22.23	7199	45	30 21 27.1	766	191	10.1	- 39	- 4	7.38	F 2					
6278	30 2462	L 5041	1058-9-60	25618	50 32.85	7052	46	30 38 48.6	759	191	10.1	- 22	- 37	8.4	F 0					
6279	25 2702	C 6651	1077	25642	51 46.97	7808	26	24 58 13.4	708	198	8.0	- 139	+ 20	8.8	G 5					
6280	29 2473	C 6652	1083-4	25646	51 59.94	7231	39	29 6 45.6	700	194	9.0	- 6	+ 5	7.11	A 0					
6281	26 2508	C 6654	1080-1	25643-4-5	13 52 1.70	+2.7615	-.0030	26 21 32.3	-17.698	+197	9.3	- 89	- 27	6.69	F 0					
6282	31 2560	L 5047	1089	25651	52 11.96	6978	45	30 48 24.0	691	192	8.8	- 64	+ 49	8.9						
6283	28 2278	C 6657	1097	25658-60	52 27.61	7386	36	27 55 59.5	680	196	9.2	+ 23*	- 57*	5.18	K 0					
6284	29 2475	C 6658			52 35.92	7262	37	28 46 40.8	675	195	9.5	- 27	+ 13	9.0	K 0					
6285	30 2464	L 5050	1109	25664	52 38.67	6992	44	30 36 57.8	673	193	9.8	+ 32	- 104	9.2						
6286	30 2466	L 5051	1107-8	25667	13 52 43.00	+2.6973	-.0044	30 43 48.5	-17.670	+193	9.8	- 13	- 42	8.7						
6287	27 2312	C 6661	1117	25679	53 13.29	7516	31	26 51 36.6	649	198	9.7	- 2	+ 4	8.6	K 0					
6288	30 2468	L 5057	1123		53 18.97	7043	42	30 8 12.7	645	196	10.5	+ 2	+ 20	9.2						
6289	25 2708	C 6663	1121	25682	53 19.95	7708	26	25 26 18.1	645	200	8.9	- 44	- 57	8.2	K 0					
6290	27 2313	C 6664			53 28.50	7472	34	27 7 34.2	639	198	11.1	- 84	+ 40	9.6						
6291	25 2709	C 6665	1124		13 53 45.64	+2.7707	-.0026	25 21 53.8	-17.627	+200	11.1	- 14	- 2	9.3						
6292	24 2671	B 4940	1137	25691	54 3.98	7833	22	24 23 11.4	614	202	9.6	- 23	- 1	8.6	F 5					
6293	27 2314	C 6668			54 33.69	7391	32	27 29 54.8	593	198	9.6	+ 29	+ 80	9.6						
6294	25 2712	C 6669		25709	54 45.13	7715	24	25 7 50.4	585	201	9.2	- 58	- 56	7.31	G 5					
6295	27 2315	C 6670			54 55.93	7388	32	27 26 48.4	578	199	9.6	+ 41	- 27	9.6						
6296	} 26 2511	C 6671	1152	25713-4	13 54 56.97	+2.7556	-.0028	26 15 9.8	-17.577	+201	9.4	+ 17	- 26	} 7.01	A 5					
6297					54 57.25	7556	28	26 15 12.1	577	201	9.6	+ 17	- 26							
6298					27 2316	C 6674	1161	55 10.68	7403	32	27 17 38.7	568	200			10.7	+ 7	+ 9	9.6	
6299					25 2713	C 6675	1162	55 16.29	7757	22	24 44 15.6	563	202			9.5	+ 5	+ 1	8.06	F 0
6300					25 2714	C 6676		25722	55 17.71	7690	24	25 13 23.2	562			202	10.1	- 3	+ 11	9.3	F 8

6262. Burnham 6658.

6277. Burnham 6671.

6294. Number of observations 6.

6296-7. These stars form the pair Σ 1793, magnitudes 7.8 and 7.3. 6296. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
6301	27 2317	C 6681		25731	13 55 44.10	+2.7330	-0032	27 42 1.2	-17.544	+200	11.6	- 8	+ 11	9.0	
6302	28 2284	C 6683			55 51.24	7197	35	28 35 49.1	539	199	10.9	+ 7	+ 7	9.6	
6303	27 2318	C 6684	1173	25735	55 57.84	7342	31	27 34 31.8	534	200	9.4	- 21	+ 69	8.8	F 8
6304	29 2482	C 6686	1175		56 9.27	7149	36	28 52 9.8	526	199	11.9	+ 43	- 123	9.6	
6305	31 2574	L 5067	1197		57 1.89	6782	41	31 7 17.5	489	198	10.5	- 19	+ 4	7.8	K 0
6306	26 2517	C 6688	1195		13 57 3.58	+2.7567	-0024	25 47 39.5	-17.487	+204	10.1	+ 17	+ 44	9.3	
6307	28 2287	C 6689	1196	25772	57 5.62	7276	31	27 49 16.0	486	202	12.5	- 60*	+ 3*	6.12	A 3
6308	29 2483	C 6690	1203	25780	57 15.64	7121	35	28 50 40.5	479	201	11.1	+ 11	- 3	7.92	A 2
6309	32 2419	L 5069	1206	25785	57 22.87	6633	44	31 59 57.1	474	198	11.0	- 8	- 12	7.06	K 0
6310	31 2576	L 5072			57 37.96	6683	42	31 37 41.5	463	198	12.2	+ 47	- 80	8.7	
6311	30 2475	L 5073	1215		13 57 42.93	+2.6853	-0039	30 31 45.2	-17.459	+199	12.4	- 46	- 11	8.7	
6312	25 2722	C 6693	1237	25815	58 43.45	7640	21	24 59 51.6	416	207	8.8, 9.7	- 24	- 134	7.86	G 0
6313	31 2578	L 5080	1245-7	25828	58 51.33	6782	38	30 45 39.7	410	201	10.6	- 12	- 89	8.9	K 0
6314	25 2723	C 6694	1251	25834	59 7.06	7626	20	25 1 50.0	399	208	9.3	- 2	- 43	8.16	K 0
6315	28 2289	C 6696	1257		59 8.88	7130	31	28 26 13.8	397	204	11.5	+ 40	- 5	9.6	
6316	28 2290	C 6698	1258		13 59 14.21	+2.7157	-0031	28 14 19.9	-17.394	+204	11.3	- 50	+ 36	9.6	
6317	28 2291	C 6699	1263	25844-5	59 23.03	7197	29	27 56 33.5	387	204	10.0	- 61	- 10	7.28	G 5
6318	29 2486	C 6702	1278	25870	14 0 25.38	6921	34	29 34 29.3	342	203	10.5	+ 7	- 47	8.2	M a
6319	26 2521	C 6703	1284	25873-4	0 39.20	7413	23	26 15 5.6	332	208	9.9, 8.6	+ 13	- 99	6.83	F 5
6320	24 2684	C 6704	1285		0 42.36	7633	18	24 42 51.5	329	210	12.2	- 28	+ 15	9.9	
6321	26 2522	C 6705		25877-8	14 0 43.11	+2.7408	-0023	26 16 27.4	-17.329	+208	10.1	+ 8	- 112	9.2	
6322	29 2487	C 6706			0 51.14	6889	33	29 42 9.7	323	204	11.9	+ 1	- 37	9.5	
6323	29 2488	C 6707	1290	25881	0 51.53	6925	32	29 28 13.5	323	205	12.6	+ 15	- 1	9.5	
6324	26 2523	C 6708	1291		1 19.06	7349	24	26 34 42.1	302	209	10.9	- 23	- 50	9.3	
6325	30 2479	L 5087	1300		1 30.12	6825	34	29 59 23.4	294	205	10.5	- 70	- 1	9.5	
6326	28 2292	C 6712	1318	25903	14 2 22.02	+2.7085	-0027	28 9 18.2	-17.256	+208	10.0	- 1	+ 33	8.2	F 5
6327	26 2525	C 6714		25902	2 26.04	7384	21	26 8 52.0	253	212	11.2	+ 25	- 42	9.3	
6328	31 2582	L 5090	1325	25909	2 26.78	6591	37	31 16 44.0	252	205	9.2	+ 14	- 135	7.58	K 0
6329	30 2483	L 5091			2 36.19	6680	39	30 42 7.3	245	206	10.8	- 26	- 38	8.9	
6330	24 2687	B 4973	1326-7		2 42.00	7631	16	24 24 22.4	241	213	11.4	- 1	+ 18	9.5	G
6331	27 2333	C 6717	1330		14 2 47.53	+2.7189	-0025	27 23 55.6	-17.237	+210	11.6	- 18	+ 35	9.5	
6332	29 2493	C 6718		25919	2 53.71	6961	30	28 51 59.5	232	208	9.4	- 47	+ 5	7.03	K 0
6333	29 2495	C 6720	1334		3 1.91	6827	32	29 41 50.7	226	207	11.1	- 67	+ 10	9.3	
6334	30 2484	C 6721			3 27.50	6791	32	29 50 48.0	207	207	11.2	- 15	+ 9	9.5	
6335	24 2689	B 4980	1346-7		3 33.67	7646	14	24 9 54.6	203	215	11.6	+ 3	- 4	9.9	
6336	31 2584	L 5096	1352	25935	14 3 36.76	+2.6534	-0035	31 24 20.0	-17.200	+207	11.0	+ 13	+ 5	8.2	K 2
6337	25 2732	C 6723	1351	25934	3 43.05	7500	17	25 8 59.0	195	213	11.8	+ 13	- 48	9.0	G
6338	30 2485	L 5097			3 45.42	6686	37	30 26 41.1	194	207	12.3	- 61	+ 33	9.3	
6339	27 2335	C 6724	4	25941	4 0.19	7223	23	26 58 3.7	183	212	11.6	+ 36	+ 30	9.0	K 0
6340	27 2336	C 6725	12	25944	4 5.46	7185	24	27 12 14.1	179	212	11.2	- 16	+ 13	8.2	K 0
6341	25 2733	C 6726	11	25943	14 4 8.16	+2.7550	-0016	24 44 31.3	-17.177	+214	9.3	- 1	+ 8	6.69	K 2
6342	29 2498	C 6728	17		4 25.65	6805	31	29 35 17.2	163	208	10.7	+ 5	+ 16	9.5	
6343	30 2486	L 5101			4 26.36	6689	36	30 18 8.0	163	208	10.6	- 13	+ 46	9.2	K 0
6344	29 2499	C 6729			4 29.71	6831	30	29 24 37.2	160	208	10.2	- 159	- 47	9.2	K 0
6345	31 2586	L 5105	28		4 53.82	6557	34	31 2 1.7	142	208	11.6	- 47	- 21	9.5	
6346	26 2529	C 6732	34	25978	14 5 13.75	+2.7358	-0019	25 52 5.0	-17.127	+215	8.7	- 5	+ 26	8.8	K 2
6347	27 2340	C 6733	39	25986	5 26.46	7132	23	27 19 10.2	118	214	10.3	- 6	- 3	8.3	K 0
6348	26 2530	C 6734	44	25989	5 36.44	7288	20	26 16 16.8	110	215	9.9	- 13	- 2	8.3	K 5
6349	31 2588	L 5109	49	26000	5 47.29	6423	35	31 40 45.5	102	208	10.0	+ 26	+ 111	7.36	K 0
6350	24 2694	B 4993	46-7	26011	5 50.41	7579	13	24 16 40.4	099	218	11.2	+ 3	+ 5	9.3	

6302, 6318, 6322, 6334. Number of observations 6.
6323, 6333. Number of observations 4.

6306. Close double Burnham 6702.
6337. Close double Burnham 6728.

6307. Number of observations 37.
6347. Number of observations 7.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
	°				h m s	s	s	° ' "	"	"					
6351	27 2342	C 6735	60	26004	14 6 4.44	+2.7161	-.0021	27 1 32.4	-17.089	+215	10.6	- 119	- 47	8.4	G 5
6352	25 2737	C 6736	63	26012	6 17.68	7385	17	25 31 4.0	078	216	11.9	- 17*	- 72*	4.82	F 5
6353	31 2590	L 5111			6 21.03	6456	34	31 22 39.9	076	209	10.0	0	- 38	8.9	
6354	32 2437	L 5112			6 22.12	6358	35	31 57 17.0	075	208	14.3	- 13	+ 14	9.5	
6355	28 2294	C 6738	66	26022	6 23.94	6992	24	28 3 29.0	074	213	10.6	+ 31	- 39	8.2	G 5
6356	24 2697	C 6739		26026	14 6 44.06	+2.7507	-.0014	24 37 49.0	-17.058	+217	10.9	+ 18	- 9	9.5	
6357	25 2739	C 6740			7 8.04	7444	15	24 59 23.4	040	218	11.8	- 39	- 45	9.3	
6358	30 2488	L 5115			7 18.59	6549	30	30 38 53.4	032	210	11.1	+ 13	- 14	9.2	
6359	30 2489	C 6742			7 21.77	6652	28	30 1 5.2	029	212	11.4	- 31	+ 19	9.6	
6360	28 2297	C 6743	95-6		7 31.88	6899	24	28 27 31.4	022	215	10.1	- 8	+ 34	8.3	G 0
6361	31 2592	L 5117	102		14 7 48.22	+2.6352	-.0033	31 43 41.1	-17.009	+210	12.0	- 28	- 83	9.5	
6362	28 2299				8 7.29	6990	22	27 47 24.2	16.994	216	13.2			9.9	
6363	29 2505	C 6746	115	26063	8 26.16	6765	26	29 8 21.0	980	214	8.0	- 32	- 12	7.56	F 2
6364	24 2700	B 5007	118	26062	8 34.17	7524	12	24 14 12.3	974	221	11.1	- 27	- 14	8.8	
6365	25 2740	C 6747	119		8 35.94	7393	14	25 6 15.1	972	220	12.5	- 11	+ 4	9.5	
6366	26 2538	C 6749			14 8 38.86	+2.7224	-.0017	26 12 12.1	-16.970	+219	11.6	- 50	+ 1	9.6	
6367	25 2741	C 6750			8 42.96	7413	14	24 57 23.5	967	220	12.2	- 25	- 8	9.2	
6368	27 2347	C 6751			8 43.26	7012	21	27 32 59.1	966	217	13.9			10.8	
6369	25 2742	C 6752			8 46.88	7298	16	25 41 55.1	964	217	12.4	+ 28	+ 11	9.2	
6370	30 2493	L 5118	127-8	26077	8 58.06	6520	29	30 31 55.1	955	212	11.2	- 56	+ 18	8.2	G 5
6371	24 2705	B 5009	129	26078	14 9 10.41	+2.7523	-.0010	24 9 10.8	-16.945	+221	10.3	- 16	- 31	9.5	
6372	28 2302	C 6753	133		9 13.96	6912	22	28 5 43.9	943	216	12.0	- 24	+ 28	8.8	
6373	25 2744	C 6754	138	26088	9 33.55	7356	14	25 11 54.7	927	221	11.3	- 62	+ 15	8.2	A 0
6374	26 2542	C 6755	140		9 38.79	7150	18	26 31 11.4	923	219	12.6	- 29	- 6	8.8	
6375	31 2595	L 5124	147		9 49.72	6310	30	31 36 57.1	915	214	12.7	- 25	- 11	7.25	A 0
6376	29 2508	C 6756	148	26099	14 9 54.57	+2.6660	-.0026	29 31 33.7	-16.911	+216	11.7	+ 42	- 2	6.76	F 0, A 2
6377	30 2494	L 5127	153-4	26105	10 1.67	6472	29	30 37 59.5	905	214	12.7	- 306	+ 158	8.05	K 5
6378	28 2304	C 6757	151		10 4.98	6903	21	28 0 32.0	903	219	12.4	+ 10	- 16	8.8	
6379	28 2305	C 6758	152		10 6.74	6847	22	28 21 14.9	901	218	12.8	+ 16	- 9	9.3	
6380	27 2349	C 6759		26103	10 9.67	7044	18	27 6 57.4	899	219	13.1	- 16	- 13	8.4	F 8
6381	29 2509	C 6760	163	26117	14 10 29.77	+2.6648	-.0025	29 30 17.5	-16.883	+216	12.7	+ 16	- 32	8.2	F 5
6382	25 2746	C 6761			10 37.50	7331	14	25 12 15.5	877	222	12.4	+ 22	+ 13	9.3	
6383	27 2351	C 6762	168	26120	10 42.51	7058	18	26 56 38.0	873	220	12.0	+ 19	- 42	8.8	F 8
6384	30 2497	L 5132			10 44.68	6525	28	30 11 19.1	871	215	13.2	+ 5	+ 43	9.5	
6385	25 2747	C 6763			10 49.77	7291	13	25 25 50.6	868	223	13.0	- 5	+ 67	9.5	
6386	29 2510	C 6766	174		14 10 53.83	+2.6646	-.0025	29 26 58.8	-16.864	+218	13.2	+ 40	- 43	9.5	
6387	24 2707	B 5020	173	26122-40	10 54.31	7492	9	24 6 21.2	864	224	12.1	+ 2	- 8	6.72	F 0
6388	26 2544	C 6765			10 54.79	7217	15	25 53 36.9	863	222	13.4	+ 37	- 15	9.2	
6389	30 2498	L 5133	181		11 18.91	6442	28	30 35 17.0	845	216	12.7	+ 3	+ 45	9.3	
6390	28 2309	C 6768	182		11 24.80	6845	20	28 9 8.6	840	219	10.1	+ 15	+ 7	7.16	A 2
6391	29 2511	C 6769	184		14 11 28.09	+2.6697	-.0023	29 2 44.5	-16.837	+218	10.8	+ 2	- 13	8.9	
6392	26 2546	C 6771		26145	12 21.75	7155	15	26 4 15.0	795	224	12.9	- 6	- 22	8.9	
6393	31 2599	L 5137	190		12 22.20	6229	29	31 38 35.6	794	215	12.4	+ 32	- 48	9.5	
6394	27 2354	C 6772	204		12 25.95	6998	17	27 2 41.6	791	222	12.2	+ 31	+ 61	8.9	F 8
6395	29 2515	C 6775	210		12 34.04	6656	22	29 6 50.0	785	219	12.3	- 10	- 1	8.9	F 5
6396	26 2547	C 6774		26151	14 12 34.38	+2.7103	-.0016	26 21 52.0	-16.785	+224	12.7	- 38	+ 19	8.9	
6397	26 2548	C 6776	209		12 36.59	7069	15	26 34 21.8	783	223	13.1	+ 26	- 24	9.5	
6398	27 2356	C 6778	215-7		12 49.42	7031	16	26 46 59.9	773	223	12.0	+ 22	- 29	8.8	
6399	24 2712	C 6779	216		12 52.14	7372	10	24 36 35.3	771	225	13.0	+ 18	- 9	9.3	
6400	25 2752	C 6780			12 55.82	7323	11	24 54 51.5	768	225	12.6	+ 10	- 22	9.5	

6351. Σ 1808.

6352. Number of observations 46.

6353, 6368, 6382. Number of observations 4.

6360. Σ 1810.

6363. Close double Burnham 6758.

6376. Close double Σ 1816.

6380. Close double Σ 1817.

6399. Close double Σ 1828.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Decl. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
6401	27 2357	C 6781		26164	14 13 9.57	+2.6874	-0.0018	27 42 0.5	-16.757	+222	11.7	- 4	+ 64	9.0	
6402	28 2312	C 6785	238	26184	13 48.49	6810	19	27 59 17.1	725	222	12.0	+ 24	- 6	9.5	
6403	24 2714	B 5035			13 53.07	7440	7	24 1 28.3	722	228	11.1	- 1	- 26	9.3	
6404	27 2360	C 6788	246		14 5.76	6930	16	27 12 44.3	711	224	10.1	- 7	- 46	8.0	G 5
6405	24 2715	B 5038	248		14 14.89	7371	8	24 24 52.2	704	228	11.7	- 8	+ 2	9.5	
6406	25 2757	C 6791	255		14 14 32.74	+2.7159	-0.0012	25 43 13.3	-16.690	+226	10.9	- 18	+ 1	8.9	
6407	29 2524	C 6792		26208	14 34.44	6646	21	28 51 7.7	688	222	9.8	- 82	+ 57	7.56	F 5
6408	30 2505	L 5149	269		15 0.43	6393	24	30 15 35.3	667	220	10.6	- 16	+ 26	9.3	
6409	30 2507	L 5152			15 23.68	6415	23	30 4 8.5	648	220	10.7	- 48	+ 6	9.2	
6410	31 2603	L 5153	279	26228	15 28.26	6241	24	31 3 10.7	645	220	11.1	+ 47	- 41	8.8	
6411	26 2553	C 6796	281-2	26235	14 15 57.85	+2.7016	-0.0013	26 24 12.3	-16.621	+228	10.3	- 7	- 14	8.7	
6412	31 2605	L 5155		26239	16 12.44	6257	24	30 50 31.2	609	221	9.6	- 12	- 8	6.34	A 2
6413	29 2526	C 6797			16 16.71	6590	20	28 54 32.9	605	224	11.5	+ 28	- 9	9.5	
6414	27 2366	C 6798			16 19.13	6843	15	27 24 4.3	603	226	11.9	+ 22	0	9.2	
6415	25 2759	C 6799	291		16 26.60	7205	9	25 9 26.5	597	229	10.0	0	+ 1	8.2	F 8
6416	31 2608	L 5158			14 16 30.61	+2.6119	-0.0025	31 33 43.1	-16.594	+221	12.4	- 2	+ 1	9.5	
6417	27 2367	C 6800	295	26249	16 31.03	6907	14	26 59 8.0	594	228	11.1	+ 11	- 7	7.40	A 2
6418	30 2509	L 5160			16 33.26	6382	23	30 4 23.7	592	220	12.4	- 65	- 11	9.5	
6419	31 2609	L 5162	299	26259	16 38.03	6259	24	30 45 37.8	588	220	11.0	- 43	- 16	9.5	
6420	26 2554	C 6802	297-8	26252-3	16 42.19	6984	13	26 29 15.9	584	229	9.6	0	0	6.86	K 0
6421	25 2761	C 6801			14 16 42.68	+2.7172	-0.0009	25 19 21.7	-16.584	+230	11.2	+ 35	- 19	9.5	
6422	24 2723	B 5050	308-9	26268	17 7.06	7289	7	24 32 46.4	564	230	10.2	- 21	- 66	8.21	K 0
6423	31 2612	L 5168			17 26.00	6149	24	31 14 53.0	549	222	11.6	- 68	- 34	8.9	
6424	24 2724	B 5054	321-2	26274	17 33.44	7276	7	24 33 20.3	542	231	11.8	- 36	0	9.0	
6425	26 2557	C 6805	329		17 49.96	6959	12	26 28 29.1	529	230	10.4	+ 18	+ 11	9.5	
6426	30 2512	L 5169		26294	14 18 4.49	+2.6344	-0.0022	30 2 51.8	-16.517	+223	10.57	- 512	- 322	8.6	
6427	24 2725	B 5057			18 6.26	7345	4	24 2 52.3	515	233	11.5	+ 1	- 23	8.4	
6428	30 2513	C 6808		26300	18 16.87	6385	20	29 46 50.8	506	225	8.6	- 32	- 33	6.56	M b
6429	27 2371	C 6809			18 27.41	6868	13	26 56 16.2	498	229	11.0	- 10	+ 21	9.2	
6430	26 2559	C 6810	344	26301	18 29.37	7028	10	25 57 37.3	496	230	10.6	- 60	- 29	8.2	F 5
6431	25 2765	C 6811			14 18 37.00	+2.7080	-0.0009	25 37 26.7	-16.490	+231	11.6	+ 16	- 10	9.5	
6432	25 2766	C 6812			18 41.22	7142	8	25 14 9.4	486	232	11.4	- 81	+ 62	9.2	
6433	24 2728	B 5059	352-3		18 53.80	7253	5	24 30 57.6	476	233	10.0	+ 22	- 2	8.2	K 0
6434	25 2770	C 6814	359	26311	19 4.45	7050	9	25 44 44.8	467	232	9.8	- 117	+ 85	6.15	F 2
6435	31 2614	L 5176			19 11.84	6108	22	31 11 29.1	461	224	11.1	- 35	+ 14	9.5	
6436	24 2730	C 6816			14 19 47.17	+2.7210	-0.0005	24 39 58.8	-16.431	+234	11.5	- 29	+ 37	9.5	
6437	25 2773	C 6817	371		19 49.33	7162	6	24 57 9.9	430	234	11.0	- 42	+ 14	9.0	
6438	25 2774	C 6818		26333	19 51.78	7050	7	25 38 6.4	427	233	11.8	- 30	- 64	9.0	
6439	27 2374	C 6819	374	26335	19 52.00	6707	13	27 40 46.5	427	230	10.5	- 15	- 14	8.2	M a
6440	30 2514	L 5181	382	26343-4	20 1.49	6231	20	30 22 36.5	420	224	10.2	+ 1	- 20	8.3	K
6441	28 2318	C 6820	381	26341	14 20 1.95	+2.6679	-0.0014	27 49 16.3	-16.419	+230	10.1	- 1	- 7	6.61	K 5
6442	26 2563	C 6821		26342	20 8.82	6964	9	26 6 46.0	413	233	11.4	+ 26	- 51	7.93	M a
6443	29 2529	C 6823			20 11.29	6371	18	29 34 12.2	411	227	12.2	- 56	- 58	9.5	
6444	31 2615	L 5183		26350	20 20.39	6134	21	30 52 3.4	404	225	12.8	- 42	- 46	9.3	
6445	25 2775	C 6826	385		20 24.86	7117	6	25 8 59.3	400	234	12.0	+ 17	- 27	9.5	
6446	30 2517	L 5185		26360-1	14 20 40.42	+2.6239	-0.0019	30 14 11.4	-16.387	+225	11.6	- 12	- 10	8.9	
6447	26 2566	C 6827	390	26357	20 43.21	6956	8	26 4 53.0	385	233	11.3	- 5	+ 10	8.9	
6448	29 2530	C 6828	399		21 0.06	6446	16	29 1 17.5	370	229	12.6	+ 6	- 11	9.5	
6449	28 2322	C 6829	402		21 5.02	6610	13	28 4 5.1	366	231	12.8	- 5	- 1	9.5	
6450	26 2567	C 6830	401	26368	21 6.25	6865	10	26 34 7.9	365	233	12.8	- 2	+ 12	9.0	

6410, 6412, 6432. Number of observations 4.

6425, 6442, 6443. Number of observations 6.

6440. Burnham 6855.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
					h m s	s	s	° ' "	"	"					
6451	31 2617	L 5189			14 21 10.15	+2.5993	-.0021	31 30 18.2	-16.362	+225	13.3	- 2	- 28	9.5	
6452	24 2733	B 5072			21 33.04	7270	3	24 2 59.7	342	237	13.72	+ 578	-1099	9.5	
6453	27 2375	C 6831			21 34.74	6726	12	27 19 13.3	341	233	13.4	+ 19	+ 22	9.5	
6454	24 2734	B 5075			21 43.91	7271	3	24 1 39.0	333	237	13.4	+ 1	+ 11	9.5	
6455	26 2569	C 6832	414-6	26391-2	21 53.54	6829	10	26 40 17.9	325	234	9.6	- 57	- 54	7.60	K 5
6456	26 2572	C 6835	428-9	26406-7	14 22 29.81	+2.6825	-.0009	26 36 29.0	-16.294	+235	12.4	+ 12	- 37	8.4	G 5
6457	28 2325	C 6836	434		22 35.83	6575	12	28 3 0.2	289	233	12.8	+ 7	- 7	8.2	F 8
6458	29 2534	C 6837	435		22 35.92	6314	16	29 31 28.4	289	230	11.2	- 32	+ 62	9.5	
6459	29 2535	C 6838	441		22 56.13	6399	15	28 59 49.0	272	232	10.9	+ 61	- 171	8.10	K 0
6460	30 2523	L 5195	444		23 3.58	6111	18	30 34 7.3	266	228	13.0	- 38	+ 3	9.3	
6461	27 2378	C 6841	442	26420	14 23 3.88	+2.6780	-.0009	26 47 50.5	-16.266	+236	11.6	+ 42	- 32	8.7	
6462	27 2379	C 6842			23 6.75	6677	11	27 23 14.4	263	235	12.8	- 15	- 36	9.2	
6463	31 2618	L 5198			23 23.22	6016	18	31 2 6.7	249	228	12.8	- 38	+ 41	9.5	
6464	28 2329	C 6844			23 50.32	6567	12	27 55 5.4	226	235	13.0	- 39	+ 2	9.2	
6465	25 2780	C 6845			23 56.81	7003	4	25 21 22.4	220	238	12.9	+ 21	+ 31	9.6	
6466	27 2382	C 6846	460	26445	14 23 59.69	+2.6724	-.0009	26 59 38.4	-16.218	+236	10.9	- 8	- 11	8.2	G 5
6467	29 2538	C 6847	463	26448	24 2.73	6249	15	29 39 59.6	215	232	10.1	- 42	+ 3	7.61	G 5
6468	25 2782	C 6848	464	26451-2	24 13.92	7071	4	24 55 1.6	206	239	11.7	- 171	+ 141	8.2	K 0
6469	26 2574	C 6849			24 18.83	6768	8	26 41 28.6	201	236	11.3	+ 80	- 39	9.0	
6470	28 2331	C 6850	471	26466-89	24 33.61	6411	13	28 41 29.9	189	234	10.6	+ 14	- 5	7.45	A 0
6471	28 2332	C 6851	472	26469-91	14 24 35.57	+2.6410	-.0013	28 41 33.9	-16.187	+234	10.6	+ 14	- 5	6.95	A 0
6472	31 2619	L 5204	475-6		24 35.76	6019	17	30 50 0.9	187	231	10.2	- 5	- 4	7.9	G 5
6473	30 2526	L 5205			24 37.73	6114	16	30 19 12.9	185	232	9.4	- 6	- 86	9.5	
6474	26 2575	C 6852	477	26472	24 44.44	6833	8	26 15 21.8	179	238	9.4	+ 24	- 22	7.01	Ma
6475	27 2383	C 6854			25 19.99	6666	8	27 8 32.2	149	237	10.5	+ 42	+ 15	9.5	
6476	31 2620	L 5208	492		14 25 26.41	+2.5887	-.0018	31 24 40.0	-16.143	+230	10.6	- 51	- 12	7.9	F 5
6477	27 2384	C 6856			25 27.65	6688	8	26 59 53.3	142	237	11.4	+ 23	+ 11	9.5	
6478	31 2621	L 5209	495	26496	25 35.04	5945	17	31 4 46.0	136	232	9.9	- 62	+ 42	7.66	F 0
6479	25 2784	C 6858			25 38.03	6901	5	25 44 14.7	133	239	11.4	+ 33	- 46	9.5	
6480	27 2385	C 6859	508		26 11.81	6707	8	26 47 17.4	104	238	10.5	+ 45	+ 28	9.5	
6481	25 2786	C 6861	513	26507-8	14 26 26.02	+2.6925	-.0003	25 29 22.2	-16.091	+239	8.4	+ 3	+ 16	8.6	G 5
6482	28 2335	C 6862	521		27 6.24	6397	12	28 24 30.3	057	237	10.6	+ 4	+ 3	9.5	
6483	30 2530	L 5213	524		27 7.55	6101	14	30 1 20.0	055	234	13.3	+ 31	- 2	9.6	
6484	25 2790	C 6865			27 13.73	7005	2	24 55 12.7	050	242	11.6	- 61	- 117	9.5	
6485	25 2792	C 6868			27 24.44	7011	2	24 51 54.8	041	242	12.0	- 50	- 13	9.5	
6486	28 2338	C 6869			14 27 28.34	+2.6430	-.0010	28 10 30.9	-16.037	+237	9.8	+ 16	- 7	8.6	K 0
6487	31 2626	L 5216	539		27 47.23	5871	15	31 8 28.7	021	234	11.2	- 23	- 9	8.8	G 0
6488	31 2627	L 5219	545		27 57.00	5756	16	31 43 7.5	012	233	10.6	- 10	+ 11	9.0	K 2
6489	31 2628	L 5218	543	26550-2	27 57.04	5938	15	30 45 58.6	012	234	11.7	- 78*	+ 110*	3.78	K 0
6490	29 2545	C 6871			28 4.54	6259	11	29 2 4.1	005	237	10.7			9.5	
6491	27 2388	C 6873	547	26558	14 28 21.23	+2.6605	-.0007	27 4 29.8	-15.991	+240	9.4	- 55*	- 48*	5.90	A 2
6492	30 2533	L 5220	551	26560	28 25.09	5946	14	30 39 23.4	987	235	9.6	- 34	+ 25	8.4	K 0
6493	27 2391	C 6875	566		29 0.51	6523	7	27 26 42.3	956	241	10.3	- 1	- 15	9.2	
6494	28 2342	C 6876	567	26579	29 18.91	6450	8	27 48 37.5	940	240	9.8	+ 17	+ 2	9.3	
6495	29 2550	C 6881	577		29 50.12	6124	10	29 30 52.7	912	238	10.6	+ 33	- 9	8.9	F 5
6496	29 2551	C 6882			14 29 54.74	+2.6193	-.0009	29 7 45.4	-15.908	+239	10.8	- 12	+ 19	9.5	
6497	29 2552	C 6884			30 1.68	6168	- 9	29 14 56.1	902	239	11.4	+ 5	+ 22	9.3	F 0
6498	30 2534	L 5225			30 2.02	5986	- 11	30 12 55.8	902	238	11.9	- 54	+ 75	9.2	F 8
6499	26 2580	C 6883	581		30 2.48	6711	- 3	26 15 16.5	902	244	12.4	+ 86	- 30	9.5	
6500	25 2796	C 6886	584-5-7	26597-8	30 17.81	6962	+ 1	24 47 11.0	888	246	11.1	+ 16	- 1	7.99	A 0

6452. Burnham 6869. The two stars, Berlin 5072 and 5073, magnitudes 9.0 and 9.1, appear to have the same proper motion. See *M. N. of R.A.S.*, vol. ix, pp. 125-7. Number of observations 6. 6458, 6461, 6478. Number of observations 6. 6466. Number of observations 4. 6470, 6471. Σ 1850. 6489. Number of observations 43. 6491. Close double Burnham 6913. 6498. Close double Burnham 6927. 6500. Burnham 6929.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
6501	31 2632	L 5226	594		h m s	s	s	° ' "	"	"					
6502	30 2535	C 6890	593		14 30 19.13	+2.5754	-0.0014	31 22 51.0	-15.887	+2.235	12.2	+ 18	+ 9	8.8	K 0
6503	29 2553	C 6889		26603	30 20.90	6063	- 11	29 45 47.0	885	238	11.2	- 25	0	9.01	K 2
6504	25 2797	C 6888	588-9-90	26601-2	30 20.99	6228	- 9	28 52 59.0	885	240	10.6	+ 42	- 157	8.3	G 5
6505	25 2799	C 6892	597-8		30 23.18	6959	+ 1	24 47 40.4	883	246	10.8	+ 11	- 9	8.3	
					30 44.49	6944	+ 1	24 49 57.3	864	246	12.2	0	+ 14	9.5	
6506	28 2345	C 6893			14 30 44.76	+2.6275	-0.0009	28 34 41.6	-15.864	+2.240	11.8	+ 32	+ 19	9.2	
6507	30 2536	L 5230	601	26616-7	30 45.72	5982	11	30 8 9.2	863	238	11.5, 11.7	+ 149*	+ 120*	4.48	F 0
6508	29 2555	C 6894	602	26619	30 48.23	6234	9	28 47 20.5	861	240	9.7	- 26	- 57	7.93	G 0
6509	28 2347	C 6896	607	26625	31 0.31	6414	7	27 47 5.2	850	243	10.9	- 47	+ 35	9.2	
6510	25 2802	C 6900	617		31 50.34	6834	- 1	25 19 59.3	805	247	8.5	+ 41	- 91	7.94	F 2
6511	24 2743	C 6901	618-9	26643	14 31 52.46	+2.6958	+0.0002	24 36 42.2	-15.803	+2.249	9.2	+ 13	- 10	8.6	
6512	27 2396	C 6904			32 5.41	6566	- 3	26 48 4.0	792	245	10.6	- 17	+ 22	8.93	G 5
6513	24 2744	B 5110	624	26651-2	32 13.07	6993	+ 2	24 22 29.3	785	249	10.4	- 51	+ 45	7.71	K 0
6514	28 2348	C 6905	629	26667-8	32 27.13	6362	- 6	27 52 36.9	772	243	9.8	- 12	+ 2	6.96	F 2
6515	24 2745	B 5112	620	26660-1	32 28.79	7050	+ 3	24 0 48.6	771	250	10.6	0	- 31	8.0	K 5
6516	29 2557	C 6906	632		14 32 40.55	+2.6169	-0.0007	28 53 3.9	-15.760	+2.243	10.9	+ 29	- 10	9.5	
6517	25 2804	C 6907	633-4	26670-1	32 51.72	6895	+ 2	24 51 15.1	750	249	10.0	- 4	- 20	7.56	A 0
6518	31 2634	L 5233			32 57.38	5606	- 12	31 45 14.3	745	238	11.2	- 16	+ 16	9.5	
6519	26 2586	C 6908	636	26676	32 58.01	6640	- 1	26 17 1.2	744	247	11.2	+ 16	+ 25	9.5	
6520	28 2349	C 6909	638	26682	33 0.60	6283	- 6	28 13 37.7	742	243	11.6	- 3	+ 16	8.43	A 3
6521	28 2350	C 6911	643		14 33 5.77	+2.6251	-0.0006	28 23 25.8	-15.737	+2.243	12.4	+ 37	- 33	8.8	G 5
6522	27 2400	C 6912			33 13.46	6481	3	27 7 37.0	730	245	12.3	0	+ 33	var.	Ma
6523	29 2560	C 6913	650		33 22.92	6145	7	28 54 57.4	722	243	12.8	- 36	- 6	9.3	
6524	31 2636	L 5238	655		33 34.84	5614	12	31 37 20.5	711	239	12.2	- 4	+ 12	9.5	
6525	28 2351	C 6914	658-60	26700	33 47.58	6206	- 6	28 32 17.5	699	244	9.6	- 112	+ 40	8.7	G 0
6526	25 2806	C 6915	665-6		14 34 15.18	+2.6743	+0.0001	25 32 46.1	-15.674	+2.249	10.8	- 16	- 14	8.8	
6527	29 2562	C 6917	669		34 31.16	6040	- 8	29 19 5.9	660	244	11.0	+ 40	+ 20	9.5	F 5
6528	24 2750	B 5121		26709	34 35.85	6952	+ 3	24 19 36.5	656	252	10.4	0	- 23	9.5	
6529	25 2808	C 6920	673-4	26713-4	34 45.24	6833	+ 2	24 58 58.6	647	251	8.8	- 29	- 25	8.4	K 0
6530	30 2541	L 5240	678-9	26716	34 47.91	5822	- 9	30 24 12.0	644	242	8.2	- 9	+ 15	7.9	K 0
6531	28 2352	C 6921	676-7	26715	14 34 50.47	+2.6179	-0.0006	28 32 41.6	-15.642	+2.245	9.0	- 2	+ 14	8.1	F 0
6532	31 2638	L 5241	687		34 58.58	5671	10	31 8 37.6	635	241	9.2	- 30	+ 26	8.6	K 0
6533	27 2403	C 6922	688		35 11.48	6497	1	26 47 34.5	623	248	9.6	- 18	- 15	8.8	
6534	27 2404	C 6923	690	26726	35 21.72	6418	2	27 11 40.2	614	248	10.0	+ 7	- 35	8.43	F 2
6535	31 2639	L 5243			35 28.19	5587	9	31 29 51.2	608	240	10.0	- 42	+ 1	8.8	G 5
6536	29 2565	C 6929	713	26754	14 36 13.50	+2.6093	-0.0005	28 48 47.0	-15.566	+2.246	10.4	+ 13	+ 1	8.4	K 5
6537	26 2590	C 6930		26756-7-8	36 20.58	6580	0	26 11 45.4	560	251	10.6	+ 14	+ 5	8.6	F
6538	29 2566	C 6931			36 22.60	5981	6	29 22 43.5	558	245	11.1	- 25	- 14	8.4	K
6539	31 2642	L 5247	714-5	26765	36 26.55	5693	9	30 49 52.3	554	242	10.2	+ 84	- 42	7.70	G 0
6540	31 2643	L 5249	718-9	26769	36 36.68	5673	9	30 54 27.6	545	243	10.6	+ 68	- 40	7.9	G 0
6541	28 2356	C 6932	716		14 36 38.42	+2.6278	-0.0003	27 47 9.4	-15.543	+2.249	11.0	+ 13	- 14	8.87	G 5
6542	31 2644	L 5251	729	26780	36 54.99	5510	- 9	31 40 37.1	528	242	10.0	- 36	- 77	7.9	F 5
6543	26 2591	C 6933	728	26778	37 0.69	6509	+ 1	26 30 0.7	523	251	10.8	+ 19	- 54	8.9	
6544	30 2549	C 6935		26767	37 10.86	5882	- 6	29 46 41.8	513	245	11.4	- 3	- 4	8.9	
6545	24 2757	B 5130			37 17.08	6936	+ 7	24 6 26.0	508	255	11.6	- 154	+ 6	9.3	
6546	32 2504	L 5256	745	26800	14 37 24.54	+2.5439	-0.0010	31 57 24.8	-15.501	+2.241	14.3	- 12	+ 6	8.2	
6547	29 2568	C 6937	744	26798	37 28.93	5939	- 5	29 26 51.9	497	246	10.6	+ 24	- 163	7.91	G 0
6548	24 2760	B 5131		26799	37 40.89	6842	+ 5	24 35 14.1	486	255	11.5	+ 37	- 17	9.0	
6549	28 2360	C 6939	753		37 42.68	6179	- 4	28 10 22.8	484	248	10.4	+ 14	+ 9	8.9	G
6550	25 2816	C 6940	750	26806-7	37 45.13	6780	+ 4	24 55 23.1	482	255	11.0	- 48	- 22	7.61	G 5

6504. Burnham 6929. 6507. Number of observations 27 and 29.
6523. Number of observations 4.

6522. The limits of magnitude are 6.6 and 12.9, period 223 days. Number of observations 4.
6542. Close double Σ 1867.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
6551	26 2592	C 6941	755-6	26808	14 37 50.51	+2.6515	+0.0001	26 22 2.4	-15.477	+2.252	11.2	- 58	+ 25	8.14	F 0
6552	25 2817	C 6942		26820	38 18.00	6770	+ 5	24 54 49.1	451	255	10.6	- 14	- 1	9.2	
6553	31 2647	L 5259			38 22.06	5502	- 8	31 31 14.1	448	243	10.9	- 3	- 28	8.8	K 0
6554	25 2819	C 6944			38 56.32	6691	+ 5	25 16 35.1	416	256	10.1	- 12	+ 37	9.3	
6555	29 2570	C 6946	783	26838	39 0.28	5896	- 4	29 28 13.4	412	248	10.0	+ 6	- 1	8.3	B 9
6556	25 2820	C 6945	779-80	26836	14 39 3.03	+2.6776	+0.0006	24 47 44.0	-15.409	+2.256	11.2	- 47	- 17	9.2	
6557	25 2821	C 6947			39 18.06	6664	+ 4	25 22 59.7	395	255	11.9	- 39	- 2	9.2	
6558	30 2557	L 5264			39 24.10	5764	- 7	30 4 56.1	390	248	11.8	+ 14	- 91	8.9	K
6559	27 2411	C 6948	793		39 24.18	6636	0	27 7 53.4	390	252	12.8	- 209	- 2	9.5	
6560	27 2412	C 6949	794	26852	39 26.65	6354	0	27 2 22.3	387	252	10.8	- 26	- 62	8.8	
6561	27 2413	C 6950	795	26853	14 39 28.05	+2.6377	+0.0002	26 54 36.4	-15.386	+2.253	13.0	- 8*	- 21*	4.93	Ma
6562	31 2648	L 5266	796	26862	39 30.19	5558	- 6	31 5 29.2	384	245	11.2	+ 29	+ 56	8.8	Go
6563	30 2560	L 5267	797		39 36.94	5680	- 7	30 28 25.4	378	247	13.2	- 14	+ 1	9.3	
6564	28 2363	C 6954			40 4.01	6180	- 1	27 52 18.3	352	252	11.2	- 6	+ 12	9.5	
6565	30 2564	L 5268			40 32.35	5756	- 5	29 58 33.9	326	249	11.0	+ 6	- 42	9.3	
6566	27 2415	C 6955			14 40 33.37	+2.6324	0.0000	27 3 33.2	-15.325	+2.253	10.7	- 8	+ 4	9.5	
6567	25 2826	C 6956			40 44.10	6678	+ 7	25 8 35.6	315	258	10.2	+ 32	+ 15	8.7	
6568	27 2417	C 6957	828	26908-9	41 3.30	6238	+ 2	27 27 13.9	297	254	9.0	- 36*	+ 8*	5.12	A 0
6569					41 3.40	6238	+ 2	27 27 11.7	297	254	10.8	- 36*	+ 8*	2.70	K 0
6570	30 2565	L 5273	831-3	26915	41 5.27	5601	- 5	30 40 29.4	295	248	10.2	+ 4	- 26	7.65	K 0
6571	25 2829	C 6958	825	26906	14 41 5.51	+2.6680	+0.0007	25 5 11.5	-15.295	+2.258	10.4	- 47	+ 2	8.4	
6572	31 2651	L 5274	837	26917	41 14.83	5547	- 6	30 54 49.3	286	248	11.0	+ 8	- 23	8.6	A 2
6573	29 2575	C 6959		26919	41 30.75	5814	- 3	29 33 38.8	271	251	10.9	0	- 1	9.5	G 5
6574	24 2770	B 5151		26927	41 51.89	6844	+ 9	24 6 15.9	251	261	10.1	- 45	+ 47	9.2	
6575	28 2365	C 6960	851	26939	42 7.80	6128	0	27 53 28.9	236	254	11.7	+ 1	- 30	8.2	K 0
6576	30 2568	C 6961	858		14 42 22.51	+2.5724	-0.0003	29 54 2.6	-15.222	+2.250	10.8	- 26	- 19	9.41	F
6577	24 2771	B 5154	856	26943	42 28.47	6851	+ 9	24 0 5.9	216	261	12.2	- 18	- 32	9.5	
6578	28 2366	C 6963	861		42 29.08	6044	- 1	28 16 48.2	216	252	11.5	- 114	- 97	8.2	F 5
6579	26 2598	C 6962	859	26945-6-7	42 29.41	6420	+ 4	26 19 35.7	215	257	12.0	- 8	- 24	8.16	K 5
6580	31 2656	L 5283			42 43.43	5488	- 4	31 0 55.3	202	249	11.8	- 5	- 17	8.4	K
6581	25 2831	C 6964	868	26953	14 42 43.85	+2.6670	+0.0007	24 57 32.5	-15.202	+2.260	12.2	+ 17	+ 18	9.0	
6582	31 2657	L 5284			42 43.89	5379	- 5	31 32 2.5	201	248	12.3	+ 13	+ 23	9.2	
6583	31 2658	L 5287	878		42 58.83	5451	- 4	31 9 23.6	187	249	11.1	- 58	- 25	8.8	Go
6584	24 2775	B 5157	882	26965	43 17.90	6807	+ 10	24 9 19.2	169	262	11.0	- 6	+ 6	8.6	A 2
6585	28 2367	C 6967	886	26974	43 24.84	5989	0	28 26 46.4	162	254	11.3	+ 37	- 49	9.5	
6586	28 2368	C 6968	888-90	26976	14 43 29.29	+2.5959	0.0000	28 35 20.6	-15.158	+2.253	11.0	+ 131	- 21	8.7	Go
6587	27 2421	C 6969			43 32.48	6183	+ 2	27 26 27.4	155	256	11.4	- 71	- 19	9.5	
6588	24 2776	B 5160		26949	43 38.77	6741	+ 9	24 28 21.2	149	262	10.4	- 8	+ 8	7.51	K 0
6589	26 2603	C 6971	894		43 51.90	6480	+ 7	25 50 49.9	137	259	10.8	+ 23	- 6	8.6	K 0
6590	25 2835	C 6972		26956	43 56.95	6673	+ 8	24 48 34.5	132	261	11.0	- 1	- 19	8.71	K 2
6591	28 2370	C 6974	903	26987	14 44 2.19	+2.6078	+0.0002	27 55 18.8	-15.127	+2.256	11.4	- 10	+ 8	9.0	F 2
6592	24 2779	C 6976	908	26992	44 23.87	6677	9	24 44 24.7	106	262	9.7	- 64	+ 29	6.05	F 5
6593					44 24.01	6677	9	24 44 25.8	106	262	10.2	- 64	+ 29		
6594					44 47.95	6628	8	24 57 29.2	083	262	8.6	- 18	- 17			8.8	K 0
6595	26 2606	C 6981			45 4.70	6409	6	26 5 6.2	067	260	10.4	- 20	- 331	9.2	
6596	27 2423	C 6982			14 45 8.24	+2.6264	+0.0005	26 50 1.4	-15.063	+2.259	10.4	- 24	+ 44	9.2	
6597	25 2839	C 6983			45 16.27	6512	+ 8	25 31 28.9	056	261	8.8	- 9	- 32	6.78	K 0
6598	26 2607	C 6985	930	27031	45 26.29	6335	+ 6	26 25 54.6	046	260	9.8	+ 18	+ 6	9.0	A 2
6599	30 2572	L 5292			45 32.85	5566	- 2	30 16 53.1	040	253	10.1	- 13	+ 24	9.5	K
6600	26 2608	C 6986			45 52.66	6383	+ 7	26 8 3.1	021	261	9.8	- 9	- 8	8.7	

6553, 6577, 6592. Number of observations 6. observations 3, 84.

6561. Number of observations 16. 6573. Burnham 6998.

6568, 6569. These stars form the close double Σ 1877. Number of 6592, 6593. These stars form the pair Σ 1884, magnitudes 6.2 and 7.8

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 7.001.		
	°				h m s	s	s	° ' "	"	"					
6601	25 2841	C 6987	938	27046-7	14 45 57.26	+2.6579	+0.0009	25 5 34.4	-15.016	+263	9.2	- 8	- 3	6.56	B 9
6602	29 2581	C 6989	946	27057	46 5.92	5816	+ 1	28 59 17.6	008	256	12.7	+ 17*	- 9*	5.66	A 2
6603	31 2663	L 5293			46 8.39	5411	- 2	30 57 3.6	005	252	12.8	+ 11	+ 78	9.3	G
6604	24 2786	B 5182	945	27055-6	46 14.31	6725	+ 10	24 16 59.2	000	264	10.8	+ 125	+ 28	5.81	G 0
6605	30 2574	L 5297			46 52.75	5478	- 1	30 32 16.7	14.962	254	10.3	0	- 32	9.5	
6606	31 2668	L 5298	963-4	27078	14 47 0.53	+2.5420	-0.0002	30 48 2.0	+14.955	+254	10.0	- 22	- 14	8.6	K 0
6607	30 2575	L 5300	967-8		47 9.44	5436	- 2	30 42 13.3	946	254	11.0	- 43	- 44	9.5	
6608	26 2614	C 6996			47 40.34	6274	+ 7	26 29 50.2	916	262	10.0	+ 15	+ 5	9.3	
6609	30 2576	L 5302		27101	47 45.43	5575	0	29 58 4.3	911	256	10.3	- 26	+ 15	9.3	
6610	25 2842	C 6997	979	27097-8	47 48.99	6535	+ 10	25 7 31.5	908	265	10.0	- 16	+ 13	9.0	
6611	30 2577	C 6999		27108	14 48 1.19	+2.5588	0.0000	29 52 25.2	-14.896	+256	9.5	- 43	+ 35	9.26	F 8
6612	24 2790	B 5187	991	27119	48 28.98	6703	+ 12	24 10 9.5	869	267	8.4	+ 2	- 5	7.31	K 0
6613	29 2590	C 7003	1003	27132	48 50.73	5619	+ 2	29 37 33.2	847	258	9.2	+ 6	- 51	8.26	G 5
6614	28 2377	C 7004	1002	27131	48 53.03	5977	+ 4	27 51 58.3	845	261	9.0	- 13	+ 35	8.2	G 5
6615	27 2430	C 7005	1004-5	27134	48 57.48	6180	+ 6	26 49 59.2	841	263	9.7	- 19	- 9	8.0	A 0
6616	31 2672	L 5310	1007	27139	14 48 59.99	+2.5203	-0.0001	31 34 26.6	-14.838	+253	10.8	- 22	- 45	8.6	F 0
6617	29 2592	C 7008		27145	49 20.66	5762	+ 2	28 52 24.9	818	259	10.0	- 63	+ 61	8.2	G 5
6618	25 2845	C 7010	1022	27147-8	49 40.49	6484	+ 11	25 11 46.0	799	267	9.8	- 62	+ 17	8.8	F 8
6619	31 2673	L 5314			49 56.65	5231	0	31 19 30.6	783	255	10.3	+ 17	- 5	8.8	F 0
6620	27 2434	C 7014	1041		50 46.54	6074	+ 7	27 10 4.2	733	264	10.1	+ 1	- 26	9.5	
6621	30 2582	L 5322	1045	27195	14 50 47.23	+2.5402	-0.0001	30 25 43.3	-14.733	+258	8.6	- 17	+ 37	6.84	F 2
6622	27 2435	C 7015	1043	27191	50 48.78	6133	+ 7	26 52 6.8	731	265	8.8	- 6	- 19	8.6	G 5
6623	32 2528	L 5326	1055		51 6.58	5100	- 1	31 47 20.3	714	255	10.7	+ 10	- 32	9.0	K 2
6624	26 2623	C 7018	1054	27201	51 12.87	6308	+ 10	25 56 28.5	707	266	10.2	- 12	- 4	8.8	F 5
6625	28 2381	C 7019	1059	27207	51 19.34	5903	+ 5	27 57 25.5	701	262	10.0	- 16	+ 3	8.9	K
6626	30 2583	L 5327			14 51 32.82	+2.5391	-0.0001	30 23 25.8	-14.688	+259	10.9	+ 7	- 1	9.5	
6627	31 2675	L 5329			51 47.78	5252	+ 2	31 0 22.3	673	258	10.0	- 15	+ 14	8.6	F 0
6628	24 2798	C 7022	1069-70	27224	52 1.36	6521	13	24 45 0.7	659	270	10.4	+ 38	- 22	6.94	K 0
6629	25 2850	C 7024	1074		52 12.23	6383	11	25 26 59.9	649	268	10.4	- 43	+ 35	8.2	F 5
6630	30 2586	L 5331	1078	27240	52 18.95	5403	3	30 14 42.4	642	260	11.2	- 3	- 16	8.6	F
6631	31 2676	L 5332	1084		14 52 22.32	+2.5129	0.0000	31 30 23.2	-14.639	+257	11.1	0	+ 8	8.7	G 5
6632	30 2587	C 7025		27246	52 26.25	5487	+ 3	29 50 16.6	635	259	12.4	- 53	+ 5	8.91	F 8
6633	30 2589	L 5334	1087	27254	52 34.19	5403	2	30 12 48.4	627	259	12.0	- 33	+ 32	9.0	F 5
6634	29 2599	C 7026			52 37.72	5658	5	28 59 52.1	623	263	11.6	- 15	- 28	9.5	
6635	29 2600	C 7027	1096		52 42.24	5672	5	28 55 39.8	619	263	12.2	+ 7	+ 5	9.2	
6636	25 2851	C 7029			14 52 56.52	+2.6423	+0.0013	25 10 14.4	-14.604	+270	10.0	- 34	+ 5	8.8	K 5
6637	26 2626	C 7030	1102	27269	52 57.05	6202	9	26 17 39.5	604	268	11.8	- 4	+ 8	9.3	G 0
6638	26 2625	C 7031			52 59.63	6231	11	26 8 28.7	601	268	11.4	0	+ 55	9.5	
6639	25 2853	C 7032	1109	27277-8	53 26.86	6312	12	25 41 3.3	574	269	8.0	- 39	+ 6	7.28	G 5
6640	25 2855	C 7035	1114	27284-5	53 43.99	6434	13	25 2 4.5	557	271	8.2	- 53	+ 9	7.21	K 0
6641	30 2591	C 7036	1124	27296	14 54 1.96	+2.5450	+0.0004	29 49 43.6	-14.539	+261	10.8	+ 43	- 71	8.21	F 2
6642	30 2593	L 5339	1122-6		54 4.65	5273	3	30 38 39.8	536	259	11.8	- 45	+ 10	9.0	K
6643	30 2592	L 5338			54 4.95	5360	4	30 14 28.5	536	259	10.4	+ 13	- 181	9.0	
6644	27 2438	C 7037	1125	27299	54 18.55	5995	8	27 10 36.4	522	267	9.6	+ 46	- 6	7.50	F 8
6645	24 2803	B 5206	1140-1	27304-11	54 49.84	6511	15	24 31 42.6	491	274	9.2	- 10	+ 5	7.16	F 0
6646	25 2856	C 7039	1142	27307-8	14 54 52.61	+2.6338	+0.0013	25 24 26.3	-14.488	+270	8.2	- 2	- 12	7.43	G 5
6647	30 2594	L 5342	1149		55 6.02	5282	4	30 29 3.9	474	261	9.6	+ 15	- 24	8.9	G
6648	27 2440	C 7040		27321	55 13.17	5879	9	27 38 52.8	467	267	10.0	+ 2	- 2	9.2	G 5
6649	27 2441	C 7041		27334	55 39.62	5873	9	27 37 54.5	440	267	9.8	+ 19	- 4	9.5	
6650	30 2596	L 5346	1166	27341	55 44.77	5322	5	30 13 32.6	435	262	9.2	+ 16	+ 11	8.36	K 0

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^{s.0001.}	Dec. ^{°.001.}		
					h m s	s	s	° ' "	"	"					
6651	27 2442	C 7042	1172	27343	14 55 59.56	+2.5889	+0.0009	27 30 59.2	-14.420	+268	9.0	- 18	+ 38	8.6	K 0
6652	29 2609	C 7045		27377	56 56.67	5568	7	28 56 49.9	362	266	8.6	- 33	+ 40	8.2	F 8
6653	26 2640	C 7046	1195	27375	56 59.67	6146	12	26 9 15.3	359	272	9.6	+ 3	+ 1	9.0	
6654	31 2684	L 5356		27389	57 13.42	4952	4	31 44 3.4	345	261	8.8	- 50	- 52	8.2	Ma
6655	24 2810	B 5215	1199		57 19.02	6527	15	24 12 19.3	340	277	10.1	+ 48	+ 48	9.5	
6656	30 2601	C 7048	1204		14 57 32.61	+2.5358	+0.0006	29 51 36.2	-14.326	+264	9.2	- 7	+ 10	9.3	
6657	25 2860	C 7049			58 0.02	6310	15	25 14 3.5	298	275	10.6	- 51	+ 4	9.3	
6658	25 2861	C 7050	1214	27409-10	58 9.95	6281	14	25 21 48.5	288	275	10.6	- 5*	- 58*	4.93	K 5
6659	30 2602	L 5359	1218-9		58 12.70	5147	5	30 45 2.7	285	263	11.8	+ 11	- 30	9.5	F
6660	24 2811	C 7052			58 17.88	6407	15	24 43 5.3	280	277	10.0	+ 29	- 16	8.86	K 0
6661	29 2612	C 7053	1222		14 58 22.74	+2.5432	+0.0007	29 25 33.3	-14.275	+266	10.8	- 15	+ 15	9.5	
6662	27 2445	C 7054	1228		58 44.17	5776	9	27 46 19.1	253	270	11.8	+ 24	- 11	9.0	G
6663	28 2389	C 7055			58 44.49	5732	9	27 58 47.4	252	270	11.8	- 47	- 17	9.5	
6664	25 2863	C 7056	1231	27426-7	58 58.13	6292	15	25 14 6.6	238	276	10.0	- 14	+ 57	8.7	K 2
6665	24 2814	B 5220	1232		59 3.30	6468	16	24 20 32.1	233	277	12.4	- 24	+ 6	8.8	K 0
6666	28 2391	C 7058	1243-4	27445-6	14 59 15.94	+2.5585	+0.0009	28 37 10.9	-14.220	+268	10.0	- 4	+ 2	6.90	A 0
6667	29 2614	C 7059			59 28.57	5351	8	29 40 59.5	207	267	10.5	- 49	- 21	9.2	
6668	26 2646	C 7061	1251	27458	59 54.92	6038	13	26 23 26.6	180	274	10.2	+ 3	- 30	7.9	G 0
6669	27 2446	C 7062	1253		59 56.92	5821	11	27 25 58.4	178	272	10.6	+ 8	- 5	6.89	K 0
6670	28 2392	C 7063	1256		59 59.71	5586	9	28 32 24.7	175	269	11.2	- 21	- 23	9.2	
6671	29 2617	C 7064			15 0 19.25	+2.5319	+0.0008	29 44 17.6	-14.155	+267	12.8	+ 24	+ 30	9.5	
6672	30 2608	C 7065			0 22.63	5187	7	30 19 48.6	151	266	12.1	+ 19	+ 20	9.3	
6673	29 2618	C 7066	1265	27479	0 27.51	5383	8	29 25 45.3	146	268	10.5	- 2	+ 2	7.81	A 2
6674	27 2447	C 7067	1268	27481	0 35.30	5836	12	27 17 53.4	139	273	10.5	- 133*	- 20*	4.67	K 0
6675	25 2867	C 7070	1271		0 48.71	6306	15	24 59 7.7	124	278	10.8	+ 8	- 5	8.7	K 5
6676	26 2647	C 7071	1272	27491-2	15 0 50.29	+2.6138	+0.0014	25 48 44.1	-14.123	+276	9.2	- 65	- 76	8.1	F 8
6677	30 2609	L 5373			1 22.21	5102	7	30 36 10.8	090	265	11.9	- 1	- 8	9.5	
6678	31 2690	L 5375	1283		1 23.22	4970	7	31 11 15.9	089	265	11.0	- 21	- 1	9.5	
6679	24 2817	B 5234		27511-3	1 59.27	6392	17	24 26 44.7	051	280	11.2	- 12	+ 2	9.0	
6680	31 2695	L 5378	1297	27525	2 5.05	4902	7	31 24 48.6	045	265	10.2	+ 4	- 17	7.9	K 5
6681	29 2621	C 7076	1299	27536	15 2 16.54	+2.5359	+0.0009	29 20 51.9	-14.033	+270	11.2	+ 10	+ 14	8.2	
6682	29 2622	C 7078	1300	27538	2 20.39	5263	8	29 46 48.6	029	269	11.6	+ 1	+ 11	8.8	
6683	25 2871	C 7077	1298	27526-8	2 21.59	6215	15	25 17 11.6	028	278	11.6	- 8	- 5	8.6	G 0
6684	27 2450	C 7079	1301-3	27540	2 27.89	5904	13	26 47 6.4	021	276	11.8	- 13	- 41	8.3	K 2
6685	31 2697	L 5380			2 34.44	4843	6	31 37 3.8	015	265	12.0	+ 14	- 15	9.2	
6686	29 2624	C 7080		27549	15 2 36.86	+2.5309	+0.0009	29 32 24.1	-14.012	+270	12.2	- 8	- 61	8.6	K 0
6687	31 2696	L 5381	1306	27556	2 37.66	4863	6	31 31 25.4	011	265	12.8	- 30	+ 36	8.6	G 5
6688	29 2626	C 7081	1304	27551	2 40.33	5354	9	29 19 53.9	008	271	12.4	- 7	- 28	8.9	A
6689	30 2612	L 5383			3 4.28	5021	8	30 46 58.4	13.983	266	12.4	- 26	+ 8	9.5	
6690	30 2611	L 5384			3 7.70	5115	9	30 21 24.9	980	267	10.8	+ 28	- 8	8.6	
6691	29 2627	C 7083	1319	27586	15 3 8.73	+2.5411	+0.0011	29 1 9.1	-13.979	+272	10.8	- 35	+ 14	8.1	F 8
6692	25 2873	C 7084	1322	27570-2	3 20.89	6210	17	25 13 9.1	966	280	11.1	+ 138*	- 183*	5.03	F 0
6693	27 2456	C 7087			3 57.13	5701	13	27 35 43.1	928	276	10.4	+ 74	+ 5	9.5	
6694	29 2628	C 7088	11		4 1.44	5412	11	28 55 28.7	924	272	12.0	+ 68	+ 102	9.5	
6695	29 2629	C 7089	19	27602	4 11.60	5422	11	28 51 48.5	913	272	10.2	+ 14	+ 2	7.35	G 5
6696	27 2457	C 7090	25-6		15 4 21.54	+2.5808	+0.0014	27 3 21.2	-13.903	+277	11.0	+ 16	- 6	8.0	K 0
6697	26 2656	C 7091	28-9	27614	4 30.64	5891	14	26 38 44.4	893	278	10.9	0*	- 29*	5.73	K 0
6698	25 2876	C 7093	33	27619-20	4 40.25	6137	16	25 27 8.9	883	281	11.2	- 12*	+ 6*	5.94	K 0
6699	31 2702	L 5390			4 45.29	4858	8	31 18 56.1	878	268	11.2	+ 2	- 18	8.6	K 0
6700	24 2823	B 5248	36		4 56.14	6312	19	24 34 25.6	866	283	12.2	+ 13	+ 31	9.5	

6654. Σ 1901.

6671. Burnham 7113.
6692. Number of observations 16.

6674. Number of observations 47.
6698. Burnham 7140.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. ".001.		
6701	28 2403	C 7097			h m s	s	s	o ' "	"	"					
6702	30 2616	L 5394	45-6		15 5 20.68	+2.5478	+0.0011	28 29 28.1	-13.840	+275	11.4	- 42	- 41	9.5	
6703	25 2877	C 7100	44	27646-7	5 22.98	4991	9	30 40 0.6	838	268	11.0	- 3	+ 3	8.5	F 8
6704	28 2406	C 7101	50		5 33.39	6209	18	25 1 3.3	827	284	10.8	+ 26	- 5	7.25	F 5
6705	28 2408	C 7103			5 38.41	5451	12	28 34 58.5	822	275	11.4	- 17	- 21	9.5	
6706	30 2617	L 5396			6 9.32	5467	12	28 27 31.2	789	276	11.8	- 31	+ 8	9.5	
6707	26 2658	C 7104		27670	15 6 13.21	+2.5045	+0.0010	30 20 43.0	-13.785	+271	12.1	- 64	+ 51	9.5	
6708	25 2879	C 7105	71	27673-4	6 25.73	5969	16	26 5 27.8	772	281	12.0	+ 43	+ 8	8.6	G 5
6709	27 2461	C 7106	73		6 31.60	6031	16	25 47 6.6	765	281	12.4	- 43	+ 24	8.2	F 8
6710	30 2618	L 5398	76	27686	6 32.28	5610	14	27 45 51.2	765	277	12.6	- 6	+ 14	8.1	K 0
6711	25 2880	C 7108	75	27680-1	6 36.12	5091	10	30 6 13.2	760	270	12.4	- 68	+ 53	9.0	
6712	31 2705	L 5400		27703	15 6 37.86	+2.6069	+0.0017	25 35 47.3	-13.759	+283	12.2	- 20	+ 22	9.5	K 0
6713	29 2633	C 7109		27704	7 2.18	4832	10	31 11 14.4	733	269	12.2	- 8	- 17	9.1	
6714	31 2707	L 5402	94	27710	7 6.59	5199	12	29 34 12.3	728	273	12.0	- 4	- 23	7.11	F 5
6715	30 2619	L 5406			7 9.08	4870	10	31 0 43.1	726	270	12.0	- 46	+ 26	8.3	A 2
6716	30 2620	C 7111		27735	7 33.38	5019	11	30 19 13.4	700	272	12.2	- 5	+ 3	9.2	
6717	24 2829	B 5258	101	27716	15 7 35.00	+2.5116	+0.0011	29 53 35.8	-13.698	+273	12.6	- 6	+ 10	9.2	
6718	28 2409	C 7112	118		7 40.94	6261	20	24 34 24.6	692	286	12.4	- 39	- 57	8.9	G 0
6719	32 2558	L 5410	136	27756	8 7.05	5408	13	28 32 4.4	664	276	10.6	- 91	+ 96	9.5	
6720	28 2411	C 7115	141	27759	8 40.63	4646	9	31 48 29.3	628	270	11.0	+ 7	- 57	8.1	K 0
6721	28 2412	C 7116	143	27761	8 56.72	5451	13	28 15 39.4	611	277	12.0	+ 15	- 132	9.5	
6722	25 2884	C 7117	142	27758	15 7 35.00	+2.5116	+0.0011	29 53 35.8	-13.698	+273	12.6	- 6	+ 10	9.2	
6723	30 2626	L 5411			9 2.98	6130	20	25 5 5.5	604	286	11.8	- 6	- 81	8.7	G 5
6724	31 2711	L 5412	148	27774	9 6.59	5030	12	30 6 45.9	600	273	12.2	- 18	+ 19	9.5	
6725	29 2637	C 7119			9 8.54	4666	10	31 40 35.8	598	270	12.4	- 29	+ 25	9.1	
6726	30 2628	L 5414	144		9 37.74	5094	12	29 47 2.8	567	276	11.6	- 13	- 1	9.6	
6727	26 2666	C 7122	164		15 10 2.39	+2.4962	+0.0012	30 19 5.2	-13.540	+274	11.0	- 19	+ 2	8.8	
6728	24 2831	C 7124	170	27805	10 13.43	5895	18	26 5 32.0	529	285	11.6	- 23	+ 23	9.5	
6729	29 2640	C 7125	158	27820	10 30.39	6176	21	24 44 20.1	510	288	12.8	+ 13	- 30	9.6	
6730	30 2629	L 5421			10 43.35	5135	13	29 29 52.5	496	278	10.5	- 58*	+ 22*	5.26	A 0
6731	30 2630	L 5422			11 16.20	4944	13	30 16 26.2	461	274	11.0	+ 27	+ 12	9.5	
6732	29 2641	C 7127	192	27838	15 11 17.58	+2.4927	+0.0013	30 20 50.7	-13.459	+274	11.0	- 33	+ 10	9.2	G 5
6733	26 2670	C 7129	197	27845-6	11 31.18	5176	15	29 14 18.4	445	278	11.0	+ 7	- 29	9.1	K 0
6734	27 2468	C 7130	205		11 48.36	5890	19	25 58 30.3	426	287	9.6	+ 10	- 5	6.67	A 0
6735	29 2643	C 7131		27862	11 58.67	5513	16	27 41 37.3	415	282	9.6	- 26	+ 23	8.5	F 8
6736	27 2469	C 7133	210-1		12 4.92	5067	14	29 39 38.4	408	278	12.2	+ 3	- 30	8.9	
6737	25 2888	C 7134			15 12 12.98	+2.5696	+0.0017	26 50 13.3	-13.399	+285	12.6	+ 2	- 6	8.7	K 2
6738	31 2713	L 5431	219		12 22.13	6084	20	25 1 1.2	389	288	12.4	+ 8	- 94	9.5	G 0
6739	26 2671	C 7137	229	27870-89-90	12 30.36	4685	12	31 15 32.1	380	274	13.0	- 27	+ 34	9.2	K 0
6740	29 2646	C 7139	235-6	27899	13 1.13	5843	19	26 5 10.8	347	286	13.2	- 3	- 39	8.3	F 8
6741	29 2647	C 7141			13 11.73	5236	15	28 48 51.4	335	280	11.9	+ 3	- 10	9.1	A 2
6742	25 2891	C 7140	234	27898	15 13 15.56	+2.5117	+0.0015	29 19 46.3	-13.331	+279	12.8			9.6	
6743	29 2648	C 7142		27905	13 17.36	5956	19	25 32 11.3	329	288	12.8	+ 14	- 22	8.6	K 2
6744	27 2474	C 7143	243	27910	13 19.48	5151	16	29 10 36.5	327	280	12.2	- 91	+ 85	8.9	K 0
6745	29 2649	C 7145		27921	13 38.50	5556	17	27 20 45.4	306	284	10.8	- 13	- 15	8.0	K 0
6746	31 2719	L 5443	261	27942	13 48.57	5113	15	29 17 47.9	295	279	10.6	- 115	+ 74	9.5	G 5
6747	28 2416	C 7148	260		15 14 17.47	+2.4665	+0.0013	31 9 48.5	-13.264	+276	8.9	+ 5	- 65	6.87	K 0
6748	27 2477	C 7150	263	27943	14 21.19	5273	16	28 32 43.9	260	281	10.8	- 18	- 6	9.5	
6749	29 2651	C 7151	270	27949	14 29.28	5579	18	27 9 59.9	251	284	10.2	+ 53	+ 80	6.55	F 8
6750	26 2676	C 7152		27951	14 38.48	5167	16	28 58 58.9	241	281	9.6	+ 53	- 68	8.9	K 0
					14 51.67	5805	19	26 6 3.7	226	288	10.2	- 87	- 85	8.6	G 0

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
	°				h m s	s	s	° ' "	"	"					
6751	25 2896	C 7153	275		15 15 5.30	+2.5926	+0.0020	25 31 18.8	-13.211	+290	10.8	+ 1	+ 7	8.1	K 0
6752	30 2642	L 5448	281	27963	15 7 7.72	4864	15	30 14 37.0	209	277	11.3	- 38	+ 25	8.1	F 2
6753	25 2897	C 7154	277	27955	15 8 7.75	5983	21	25 15 12.2	208	291	12.0	+ 6	- 20	8.5	G 5
6754	26 2677	C 7155		27958	15 10.28	5817	20	26 1 17.8	206	288	11.42	+ 398	- 116	8.1	G 0
6755	28 2419	C 7156			15 14.44	5259	16	28 31 26.3	201	282	11.7	- 7	+ 46	8.8	
6756	31 2721	L 5449			15 15 21.62	+2.4674	+0.0014	31 1 17.2	-13.194	+277	10.8	- 31	- 16	9.1	G 0
6757	30 2643	C 7158			15 51.63	4930	15	29 53 37.5	161	280	10.0	- 18	- 14	8.14	K 0
6758	30 2647	C 7162	309	27999	16 25.14	4906	15	29 56 31.6	124	280	9.1	- 96*	- 58*	5.57	K 0
6759	28 2420	C 7163	308	27998	16 29.43	5336	16	28 4 28.2	119	283	9.6	- 16	+ 6	8.2	G 5
6760	29 2656	C 7165			16 34.37	4986	15	29 35 19.6	114	282	9.4	- 18	+ 21	8.9	
6761	30 2648	C 7166	313	28006	15 16 36.07	+2.4872	+0.0015	30 4 4.1	-13.112	+279	10.2	- 56	- 17	8.6	K 0
6762	31 2723	L 5460			17 6.66	4575	14	31 15 53.8	078	277	11.9	+ 21	+ 10	9.2	
6763	25 2901	C 7167			17 9.58	5999	22	25 0 28.1	075	294	12.2	+ 26	- 36	9.2	
6764	31 2724	L 5461	326	28028	17 11.21	4443	14	31 48 1.7	073	276	11.6	- 161	+ 143	6.86	F 5
6765	25 2902	C 7168	319	28020-1	17 13.52	5939	21	25 16 55.6	070	292	12.8	- 18	- 22	6.44	K 0
6766	} 27 2478	C 7170			15 17 17.05	+2.5481	+0.0018	27 21 35.2	-13.066	+287	13.0	- 33	+ 14	9.0	
6767		C 7171			17 18.26	5479	18	27 21 47.8	065	287	12.4	- 33	+ 14	8.5	
6768		C 7169	321		17 17.58	5805	20	25 53 36.0	066	291	13.0	- 40	- 117	8.3	K 0
6769	27 2479	C 7173			17 38.53	5487	19	27 17 59.8	043	287	12.6	- 11	+ 35	9.1	
6770	24 2850	C 7172	333	28035	17 40.11	6064	22	24 39 58.6	041	294	12.9	- 17	- 16	7.16	A 0
6771	31 2725	L 5465			15 17 43.86	+2.4457	+0.0014	31 41 26.0	-13.037	+276	12.2	+ 2	- 27	var.	Md
6772	31 2726	L 5466	345-6		17 50.16	4640	15	30 55 47.7	030	277	12.8	- 12	- 5	9.5	
6773	27 2481	C 7176			18 2.11	5384	18	27 43 16.3	016	288	13.4	+ 21	- 28	9.5	
6774	31 2727	L 5467			18 2.19	4563	15	31 13 47.4	016	278	13.8	+ 11	+ 35	9.08	G 5
6775	28 2423	C 7177		28052	18 7.47	5236	17	28 21 48.0	011	286	13.6	+ 23	- 13	9.5	
6776	25 2904	C 7178	352	28056-7	15 18 20.62	+2.5857	+0.0022	25 33 57.2	-12.996	+293	10.6	- 8	- 3	7.8	A 0
6777	26 2685	C 7181	359	28064	18 33.12	5770	21	25 56 44.0	982	292	10.4	+ 14	- 20	7.38	K 0
6778	28 2425	C 7183	362	28083	18 58.96	5215	18	28 22 40.0	953	286	10.4	+ 9	+ 7	7.46	K 0
6779	31 2729	L 5475	373		19 3.92	4626	16	30 52 6.7	949	278	10.4	+ 14	- 14	8.14	F 8
6780	32 2577	L 5477	379		19 13.65	4376	15	31 52 37.1	937	277	9.8	- 43	- 138	8.54	F 8
6781	30 2653	L 5478	377	28100	15 19 29.21	+2.4679	+0.0017	30 36 44.1	-12.920	+281	9.9, 11.2	+ 101*	- 198*	5.05	G 0
6782	29 2660	C 7188	378	28101	19 31.24	4978	18	29 21 8.9	917	284	10.6	- 64	- 56	9.2	G 5
6783	25 2908	C 7189	387	28111-2	19 59.36	5819	22	25 36 15.2	886	295	9.4	- 5	- 23	8.1	F 5
6784	25 2910	C 7190		28115-6	20 5.96	5865	22	25 23 6.4	879	294	10.2	- 11	- 5	8.1	K 0
6785	24 2855	B 5304			20 8.70	6089	24	24 21 4.9	876	297	11.0	- 1	- 13	9.2	
6786	24 2856	B 5305		28120	15 20 21.27	+2.6083	+0.0024	24 21 42.9	-12.862	+297	10.5	- 1	+ 3	8.9	
6787	31 2732	L 5482			20 22.90	4564	16	31 0 23.0	860	280	11.6	- 39	- 10	9.5	
6788	30 2656	L 5483	408		21 16.47	4697	18	30 22 30.9	800	281	10.7	- 14	- 23	9.2	K 0
6789	29 2663	C 7194	409	28145	21 18.43	4914	19	29 27 46.6	798	285	9.7	- 15	- 32	8.8	K 0
6790	25 2912	C 7193	404	28139-40	21 20.36	5898	24	25 8 8.9	795	296	10.5	+ 9	- 98	7.96	F 5
6791	28 2431	C 7195			15 21 22.82	+2.5093	+0.0019	28 40 38.5	-12.793	+287	11.2	- 19	- 14	9.1	
6792	27 2484	C 7196	426-8		21 53.20	5486	21	26 56 37.5	758	291	10.6	- 15	+ 8	8.3	F 5
6793	27 2485	C 7197			21 56.79	5394	20	27 20 23.6	754	290	9.8	- 16	- 25	8.7	
6794	29 2664	C 7199		28177	22 15.37	4851	18	29 38 37.8	734	285	10.6	- 18	- 54	9.5	
6795	27 2487	C 7200	436		22 24.85	5455	22	27 2 4.4	723	292	9.2	- 58	- 38	8.7	
6796	28 2432	C 7201		28188	15 22 43.92	+2.5125	+0.0019	28 26 32.8	-12.701	+289	9.9	+ 8	- 16	7.64	K 2
6797	27 2489	C 7204			22 48.37	5291	21	27 43 1.9	696	291	9.7	+ 17	- 39	8.1	F 8
6798	29 2667	C 7205	452		23 2.23	4992	20	28 58 55.5	681	287	11.8	- 37	- 17	8.5	K 0
6799	27 2491	C 7206	453	28198	23 7.10	5315	21	27 35 25.1	675	291	11.6	- 39	+ 8	8.1	K 5
6800	24 2864	B 5318			23 11.30	6065	25	24 13 46.8	670	300	10.4	+ 6	- 40	8.6	

6758, 6770, 6786, 6787. Number of observations 6.
6781. Close double Σ 1937, components 5.6 and 6.1.

6766 and 6767. Σ 1936.
6788, 6795. Number of observations 4.

6792. Σ 1941.

6777. Burnham 7243.
6800. Close double Burnham 7275.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "001.	Dec. "001.		
6801	25 2916	C 7207	463	28186-211	15 23 46.61	+2.5794	+0.0024	25 24 51.9	-12.631	+298	8.4	+ 2*	- 39*	6.26	K 5
6802	29 2670	C 7208	480	28232	24 7.01	4867	19	29 24 56.5	607	287	12.7	- 133*	+ 76*	3.72	F op
6803	26 2690	C 7210	478-9		24 11.45	5523	22	26 35 23.7	602	294	11.2	- 15	- 12	9.2	
6804	30 2661	L 5494	485		24 21.46	4619	19	30 25 12.3	591	283	11.4	- 3	+ 19	8.8	
6805	30 2662	L 5495	489	28241	24 28.71	4641	19	30 19 0.0	583	284	11.2	- 7	- 35	8.7	
6806	27 2493	C 7213	487		15 24 31.22	+2.5464	+0.0022	26 49 19.4	-12.580	+294	11.0	- 17	- 57	8.5	G 5
6807	26 2692	C 7214	490	28240	24 38.68	5662	23	25 56 12.2	572	297	10.2	- 4	+ 7	8.2	K o
6808	28 2435	C 7216			24 46.86	5201	21	27 56 28.3	562	292	10.2	- 13	- 55	9.1	
6809	27 2494	C 7217	496	28244	24 55.58	5313	21	27 26 52.0	552	293	10.0	- 36	+ 52	7.53	F 8
6810	25 2922	C 7219	497	28245-73	25 2.32	5724	23	25 37 45.2	545	298	10.6	+ 31	- 27	8.2	K o
6811	31 2738	L 5498			15 25 7.52	+2.4379	+0.0019	31 19 27.6	-12.539	+283	12.4	- 45	- 18	9.1	
6812	31 2739	L 5499	508		25 10.16	4474	18	30 56 27.2	536	283	10.8	+ 11	+ 13	9.1	
6813	27 2495	C 7220	517	28260	25 34.28	5310	22	27 24 31.1	508	293	10.0	- 14	+ 8	8.5	K o
6814	24 2873	B 5334		28271	25 59.81	6041	27	24 7 33.7	479	303	9.8	- 27	- 22	7.54	A 2
6815	29 2674	C 7222			26 5.74	4864	21	29 15 25.9	472	289	11.2	- 43	- 27	9.5	
6816	26 2694	C 7221	523	28275-6	15 26 7.42	+2.5663	+0.0024	25 49 0.8	-12.471	+298	11.1	+ 6	+ 3	7.88	K 2
6817	27 2496	C 7223	526	28281	26 9.69	5273	22	27 31 11.3	468	294	12.0	+ 8	+ 27	8.7	F 8
6818	24 2874	B 5336	525	28280	26 15.98	6050	27	24 3 53.9	461	303	11.2	+ 3	- 49	7.47	A o
6819	31 2741	L 5503			26 21.27	4368	19	31 15 33.7	455	283	11.8	- 63	+ 20	9.5	
6820	28 2438	C 7226			26 25.60	5070	21	28 21 49.9	450	291	12.0			9.5	
6821	25 2925	C 7225	527	28287-308	15 26 27.85	+2.5694	+0.0024	25 39 16.7	-12.447	+299	11.0	+ 32	- 8	8.7	
6822	28 2439	C 7227	535	28291-2	26 33.71	5161	21	27 57 56.6	440	293	9.8	- 21	- 2	8.3	A o
6823	29 2677	C 7228			26 43.64	4762	20	29 37 30.9	429	288	12.2	- 4	- 23	9.5	
6824	31 2742	L 5507	538	28299	26 44.33	4276	18	31 35 38.2	428	282	9.2	- 31	- 17	6.35	A 2
6825	29 2676	C 7229			26 45.80	4931	21	28 55 10.9	427	290	11.0	+ 74	- 90	9.1	
6826	31 2745	L 5510	549-50		15 27 11.50	+2.4420	+0.0019	30 58 33.0	-12.397	+284	9.8	- 20	+ 35	8.9	F o
6827	31 2746	L 5511			27 17.01	4368	20	31 10 48.5	391	284	10.8	+ 30	+ 18	9.1	
6828	27 2499	C 7232	556	28311	27 24.15	5220	22	27 38 41.7	383	294	11.2	- 9	+ 9	8.7	
6829	30 2670	L 5513	566	28321	27 26.92	4579	20	30 18 53.6	379	286	11.8	+ 6	- 10	8.8	K o
6830	26 2697	C 7234	559	28315	27 30.20	5551	24	26 12 13.9	376	298	12.0	- 1	- 27	8.5	
6831	30 2672	L 5514	569	28328	15 27 36.49	+2.4595	+0.0020	30 14 0.2	-12.369	+287	12.1	+ 16	- 7	9.5	
6832	24 2880	B 5342		28339	28 10.06	5948	26	24 23 21.8	330	303	9.8	+ 11	+ 14	9.5	
6833	24 2882	B 5346	591		28 40.99	5985	27	24 11 5.6	294	305	9.8	- 33	+ 54	8.7	
6834	29 2680	C 7239		28364	28 58.37	4871	21	28 59 25.5	274	292	9.4	- 2	- 31	8.9	
6835	27 2502	C 7240	606		29 6.16	5166	22	27 44 22.1	265	296	10.2	- 4	+ 4	8.8	
6836	30 2673	L 5518	610		15 29 7.48	+2.4423	+0.0020	30 47 57.0	-12.264	+286	10.8	- 23	+ 4	8.6	G 5
6837	30 2675	L 5520	613-4		29 16.31	4474	20	30 35 3.2	254	285	11.1	- 24	+ 5	8.1	K o
6838	31 2750	L 5521	617-8	28380	29 18.00	4202	19	31 39 45.1	252	284	12.6	- 20*	- 26*	4.17	B 5
6839	28 2443	C 7242	611	28373	29 19.25	5143	22	27 49 4.7	250	296	11.4	- 61	- 129	8.3	
6840	24 2884	B 5348	609	28368-75	29 19.99	5896	27	24 32 12.1	250	304	11.6	- 6	+ 34	8.1	
6841	27 2504	C 7243			15 29 21.41	+2.5277	+0.0023	27 14 46.1	-12.248	+297	12.4	- 33	- 24	9.2	
6842	29 2681	C 7244			29 27.06	4696	21	29 40 15.2	241	290	12.4	- 23	0	9.5	
6843	27 2506	C 7245			29 35.59	5342	23	26 56 53.0	231	298	11.3	+ 45	- 25	9.5	
6844	29 2682	C 7246	632	28392	29 57.79	4708	21	29 34 35.1	206	291	10.6	+ 48	- 64	8.7	G 5
6845	27 2507	C 7247		28391	30 2.65	5320	23	27 0 34.5	200	298	12.9	- 13	+ 7	8.9	
6846					15 30 3.20	+2.5320	+0.0023	27 0 38.8	-12.200	+298	12.6	- 13	+ 7		
6847	24 2886	B 5353		28390	30 7.44	5874	27	24 34 35.1	195	305	13.1	+ 7	0	9.2	
6848	27 2509	C 7248	635	28398-9	30 16.85	5362	24	26 48 38.1	184	298	11.1	+ 10	- 18	8.3	
6849	29 2684	C 7252		28431	30 48.70	4732	22	29 24 40.1	148	292	12.0	0	+ 7	9.5	
6850	27 2512	C 7253	651	28417-30	30 52.63	5303	24	27 1 1.7	142	299	11.0	+ 90*	- 102*	2.31	A o

6802. Number of observations 32.
6838. Number of observations 19.

6811. Number of observations 4.
6845-6. Σ 1955, magnitudes 9.3 and 8.7.

6816. Σ 1950.
6845. Number of observations 2.

6822. Burnham 7297.
6850. Number of observations 108.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
					h m s	s	s	° ' "	"	"					
6851	27 2514	C 7254	653		15 30 52.94	+2.5172	+0.0022	27 34 19.3	-12.142	+297	12.0	+ 43	- 33	8.7	
6852	27 2513	C 7255	654	28429-32	30 53.56	5257	23	27 12 41.1	141	298	12.2	- 44	+ 40	8.8	
6853	25 2932	C 7256	652		30 57.53	5697	26	25 18 7.4	137	305	11.2	+ 56	- 114	8.5	G 5
6854	25 2933	C 7257	655		30 58.08	5735	26	25 7 52.4	136	306	11.6	- 5	- 72	9.5	
6855	30 2677	L 5528			31 35.88	4493	22	30 18 50.9	092	289	9.7	- 4	- 25	9.1	
6856	26 2703	C 7261			15 31 36.07	+2.5453	+0.0025	26 19 6.6	-12.092	+300	10.8	+ 12	- 39	9.5	
6857	25 2936	C 7262	674		31 50.94	5764	27	24 56 29.4	074	305	10.2	- 8	+ 6	9.1	
6858	29 2686	C 7263		28455	31 54.13	4810	23	29 0 5.3	071	294	11.0	0	+ 13	9.2	K 0
6859	24 2892	B 5362			32 6.46	5858	27	24 30 21.1	056	307	12.2	- 10	+ 3	9.2	
6860	28 2447	C 7266	688-9	28469	32 15.83	4875	22	28 42 25.7	046	294	9.5	+ 11	+ 6	8.3	F 8
6861	25 2938	C 7264		28465	15 32 15.92	+2.5612	+0.0026	25 34 38.7	-12.045	+303	11.4	+ 14	- 5	8.8	
6862	25 2937	C 7265			32 16.81	5705	27	25 10 15.3	044	305	12.4	- 39	+ 70	9.2	
6863	27 2517	C 7270	701		32 46.79	5161	23	27 28 20.3	009	299	11.4	+ 41	- 16	9.5	A 0
6864	24 2894	B 5364	697	28479-80	32 47.18	5928	28	24 8 41.7	009	309	9.4	0	- 11	8.5	
6865	30 2681	L 5534	714		33 7.16	4459	22	30 19 34.1	11.986	290	9.8	- 39	+ 44	9.5	
6866	30 2682	L 5536	717	28505-6	15 33 12.47	+2.4468	+0.0022	30 17 19.3	-11.980	+290	9.1	+ 75	- 55	6.52	F 5
6867	27 2520	C 7273	719	28501-3	33 19.61	5250	23	27 3 22.3	971	300	9.4	+ 19	- 1	9.2	K 0
6868	28 2451	C 7274	734-5		33 51.28	4870	23	28 36 13.5	934	296	8.8	- 8	+ 5	9.1	G 0
6869	26 2708	C 7276			34 4.34	5500	26	25 55 50.6	919	304	9.4	+ 14	- 38	8.5	G 5
6870	30 2684				34 13.73	4418	23	30 23 50.5	908	290	10.6	- 11	+ 22	8.2	F 8
6871		L 5543	751	28537-8	15 34 14.12	+2.4418	+0.0023	30 23 47.8	-11.907	+290	8.8	- 11	+ 22		
6872	25 2943	C 7278			34 17.49	5609	27	25 26 33.2	903	306	10.0	+ 10	- 46	9.2	
6873	25 2944	C 7279	745	28499-529	34 18.60	5744	28	24 51 4.1	902	307	11.7	+ 19	- 25	9.2	
6874	24 2901	C 7280	750	28533-4	34 24.81	5751	28	24 48 58.7	895	308	9.8	- 4	- 36	7.12	Mb
6875	32 2607	L 5545	782-3-4	28571	35 6.21	4029	22	31 50 41.5	846	287	8.8	- 6	- 16	7.7	A 3
6876	26 2712	C 7281	771		15 35 13.16	+2.5456	+0.0026	26 2 19.5	-11.838	+304	9.2	+ 20	- 15	8.1	G 5
6877	28 2454	C 7283		28580-1	35 40.43	5002	24	27 55 0.9	806	300	9.0	- 46	+ 64	8.8	G 5
6878	30 2689	L 5549	795-6		35 47.12	4361	23	30 29 57.8	798	293	9.3	- 6	- 26	8.6	K 5
6879	29 2694	C 7285	799	28586	35 55.17	4613	23	29 29 8.7	788	296	9.1	- 26	- 27	8.1	F 8
6880	30 2691	L 5553			36 38.11	4318	23	30 36 12.2	738	292	10.2	- 4	- 34	9.5	
6881	28 2456	C 7286	837	28604-5	15 36 54.80	+2.4941	+0.0024	28 4 38.5	-11.718	+300	9.9	- 30	+ 20	8.7	K 0
6882	31 2762	L 5555	846-7-8	28615	36 57.38	4012	22	31 45 37.7	715	290	10.0	- 59	+ 59	8.8	G 5
6883	27 2522	C 7287			36 59.13	5148	25	27 12 50.2	713	302	11.5	+ 49	- 1	9.5	K 0
6884	30 2692	L 5556	849	28618	37 5.84	4395	24	30 15 39.3	705	294	9.6	- 27	+ 32	7.61	K 2
6885	29 2699	C 7289		28628	37 19.86	4578	23	29 31 6.0	688	296	9.8	+ 15	- 71	8.6	K 0
6886	25 2950	C 7291		28627	15 37 25.73	+2.5474	+0.0026	25 48 3.1	-11.681	+307	11.6	- 32	+ 21	9.5	
6887	30 2694	L 5558	871	28643	37 31.55	4416	24	30 8 42.0	674	295	11.0	+ 29	+ 8	9.1	G 0
6888	26 2720	C 7294			37 49.96	5325	26	26 24 24.8	653	305	11.0	- 15	- 17	9.2	K 0
6889	26 2719	C 7293		28648	37 50.22	5417	26	26 1 2.8	652	306	11.0	+ 1	- 29	8.7	
6890	28 2460	C 7296	874	28655-6	37 52.29	4873	25	28 16 58.7	650	300	10.0	- 56	+ 4	8.1	K 5
6891	25 2953	C 7295	873	28649	15 37 53.62	+2.5580	+0.0027	25 19 2.4	-11.648	+308	11.4	+ 27	- 29	9.5	
6892	27 2526	C 7297			38 5.76	5129	26	27 12 41.6	634	303	13.4	- 5	+ 11	9.5	F 8
6893	31 2764	L 5561	883-4		38 10.69	4135	23	31 11 22.0	628	291	12.4	+ 15	- 12	9.1	K 0
6894	30 2695	C 7298	902	28678	38 36.58	4453	24	29 54 49.5	597	295	10.6	- 52	- 158	8.61	G 5
6895	30 2696	L 5564			38 36.76	4238	23	30 45 24.8	597	293	12.5	+ 16	+ 13	9.1	
6896	30 2697	L 5565	903		15 38 37.56	+2.4224	+0.0023	30 48 34.9	-11.596	+292	12.8	+ 2	- 35	8.9	G 0
6897	28 2462	C 7300			38 56.16	4796	25	28 31 1.4	574	300	12.8	- 13	+ 9	9.5	K 0
6898	27 2528	C 7299	905		38 56.88	5134	25	27 7 48.7	573	303	12.5	- 26	+ 29	8.7	G 5
6899	26 2722	C 7301	904-6	28684-6-7	38 57.73	5265	27	26 34 49.4	572	306	11.1	- 75*	+ 30*	3.93	A 0
6900	29 2701	C 7303			38 58.46	4482	24	29 46 15.5	571	297	13.0	- 46	+ 76	9.51	K 0

6853. Burnham 7320.

6871. Number of observations 2.

6866, 6883. Number of observations 6.

6870. Σ 1963, magnitudes 7.7 and 7.3.
6899. Σ 1967. Number of observations 15.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
6901	25 2954	C 7302		28683	15 38 59.43	+2.5607	+0.0029	25 7 34.4	-11.570	+3.310	11.8	+ 12	- 33	8.8	
6902	32 2619	L 5569		28699	39 5 38	3905	23	31 59 41.7	564	290	11.4	- 12	- 6	7.03	K 2
6903	25 2955	C 7304			39 5.64	5458	28	25 45 19.2	563	308	12.8	- 15	- 12	9.2	
6904	28 2464	C 7306			39 17.60	4776	25	28 34 24.2	548	300	13.2	- 20	+ 15	9.5	F 8
6905	32 2620	L 5570	918		39 26.57	3913	23	31 56 4.4	538	290	11.8	+ 8	+ 1	9.1	
6906	28 2465	C 7307			15 39 36.04	+2.4722	+0.0025	28 46 10.0	-11.526	+3.300	11.3	- 34	- 27	8.7	K 0
6907	31 2770	L 5571			39 37.95	4116	23	31 8 52.1	524	293	12.8	+ 27	- 40	9.2	F 5
6908	31 2771	L 5572	919-21	28709	39 38.07	3979	23	31 40 21.5	524	291	11.2	+ 53	- 143	7.30	F 8
6909	25 2956	C 7308			39 44.29	5640	29	24 56 2.6	517	311	11.6	- 92	- 13	9.5	
6910	30 2699	C 7309	924	28711	39 47.03	4413	24	29 59 1.5	513	296	9.8	+ 36	- 30	8.21	F 5
6911	28 2466	C 7310	925		15 39 50.02	+2.4818	+0.0025	28 21 51.5	-11.510	+3.301	11.6	+ 2	- 25	9.5	G 5
6912	25 2957	C 7313	932	28713-4	40 3.61	5562	29	25 14 49.5	494	310	10.4	- 16	- 19	8.1	K 5
6913	24 2914	C 7314	938-9	28718-9	40 15.01	5676	29	24 44 37.2	480	312	10.2	- 16	- 23	7.21	A 2
6914	25 2958	C 7315	941		40 22.81	5620	29	24 58 40.0	470	311	10.9	- 41	- 20	9.2	
6915	25 2959	C 7318	953-4		40 40.86	5628	29	24 55 8.0	449	312	12.0	+ 6	- 22	9.2	
6916	27 2532	C 7320			15 40 50.85	+2.5128	+0.0025	27 1 15.1	-11.437	+3.306	11.0	+ 20	+ 27	9.5	K 0
6917	25 2963	C 7323	964	28738-9	41 6.81	5605	29	24 59 27.3	418	312	10.4	- 11	- 43	7.41	A 2
6918	29 2705	C 7325			41 12.24	4605	25	29 7 8.2	411	300	10.9	- 29	+ 28	9.5	G 0
6919	24 2917	B 5404	965	28742	41 13.14	5685	29	24 38 27.6	410	313	11.4	+ 8	- 11	8.8	
6920	28 2469	C 7326	971-2	28749	41 25.67	4693	25	28 45 1.6	395	301	9.6	- 78	+ 28	7.90	G 0
6921	24 2919	B 5409			15 41 45.70	+2.5738	+0.0030	24 22 31.3	-11.371	+3.314	10.0	- 5	- 13	9.1	
6922	29 2707	C 7330	987		42 3.80	4556	26	29 14 58.4	350	300	9.2	- 21	- 21	8.70	K 2
6923	31 2776	L 5580			42 54.29	3942	25	31 33 27.7	289	293	9.4	- 4	- 34	8.9	F 8
6924	25 2965	C 7333	1005	28776-7	43 0.99	5488	30	25 21 46.4	281	312	9.8	- 31	+ 45	8.7	G 5
6925	31 2777	L 5582		28792	43 16.75	4049	26	31 7 30.0	262	295	9.5	+ 7	+ 4	8.8	A 5
6926	27 2537	C 7334			15 43 20.90	+2.4895	+0.0026	27 48 0.8	-11.257	+3.305	10.6	- 41	- 88	9.1	G 5
6927	29 2713	C 7336	1024	28802	43 26.48	4497	26	29 22 56.5	250	301	8.8	- 16	- 25	8.80	K 5
6928	27 2538	C 7335	1022	28794	43 26.82	4966	26	27 30 11.4	250	305	10.4	+ 4	- 16	8.09	K 2
6929	31 2779	L 5583	1027-8	28805	43 32.64	4118	25	30 50 38.3	243	296	9.6	- 3	- 33	7.64	A 0
6930	26 2728	C 7338			43 34.29	5294	28	26 8 35.1	241	311	11.2	+ 24	- 14	9.1	K 5
6931	28 2475	C 7342	1035	28817-8	15 43 59.17	+2.4648	+0.0026	28 44 42.4	-11.211	+3.303	9.6	- 40	+ 45	7.43	F 2
6932	30 2707	C 7343			44 3.05	4300	25	30 6 17.5	206	299	11.7	+ 11	- 6	9.5	K 0
6933	27 2540	C 7344			44 7.47	5073	27	27 1 15.3	201	308	12.0	- 11	+ 33	9.5	A 5
6934	26 2731	C 7345		28821	44 19.11	5307	28	26 2 20.4	187	311	11.8	+ 6	- 10	9.5	K 0
6935	31 2782	L 5591			44 25.11	3891	25	31 38 10.8	179	293	11.6	- 36	- 20	9.5	G 5
6936	30 2709	L 5593			15 44 28.78	+2.4244	+0.0025	30 17 21.6	-11.175	+3.298	10.8	- 80	+ 49	9.2	G 5
6937	26 2735	C 7348	1060	28836-7	44 40.44	5245	28	26 16 21.4	161	310	11.4	- 25	+ 28	8.9	G 0
6938	30 2710	L 5596	1063	28845	44 49.94	4270	25	30 9 57.3	149	299	11.8	- 99	- 27	8.8	G 5
6939	28 2477	C 7350		28843	44 51.91	4711	26	28 25 57.0	147	304	10.9	+ 3*	- 18*	var.	G op
6940	31 2784	L 5597			45 20.07	3837	25	31 46 16.3	113	294	12.4	- 32	+ 78	9.5	G 5
6941	31 2785	L 5599			15 45 30.65	+2.3906	+0.0025	31 29 48.0	-11.100	+3.295	11.0	- 15	0	9.5	K 0
6942	29 2718	C 7352	1073		45 32.15	4595	26	28 50 40.6	098	302	10.8	- 3	- 7	9.33	K 2
6943	25 2973	C 7353	1075	28864	45 44.88	5357	28	25 44 1.4	082	313	9.5	- 16	- 2	8.3	G 5
6944	26 2737	C 7355	1083	28867-8-9	45 49.14	5210	28	26 20 36.5	077	311	10.2	- 55*	- 81*	4.73	G 5
6945	26 2738	C 7356	1085		45 54.88	5310	28	25 55 11.7	070	312	9.4	+ 25	- 83	8.5	G 5
6946	27 2545	C 7358	1087		15 46 3.38	+2.4903	+0.0027	27 34 47.2	-11.060	+3.307	12.0	- 4	- 16	8.9	F 8
6947	31 2786	L 5601			46 10.19	3875	26	31 33 50.3	052	295	11.8	- 5	+ 17	9.1	G 5
6948	26 2741	C 7359	1090	28876	46 13.99	5177	28	26 27 5.0	047	310	11.1	+ 12	+ 27	8.6	F 5
6949	25 2976	C 7361	1101		46 36.75	5558	30	24 50 11.1	019	316	10.2	- 1	- 28	8.5	
6950	26 2744	C 7362	1114	28900	47 2.86	5182	28	26 22 30.4	10.988	312	10.6	- 65	- 43	8.7	K 0

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	s	° ' "	"	"					
6951	25 2978	C 7363			15 47 13.59	+2.5425	+0.0030	25 21 23.7	-10.975	+0.313	11.2	0	- 56	8.6	
6952	27 2548	C 7364			47 17.32	4972	27	27 13 4.2	970	308	11.8	- 7	- 4	9.5	G 5
6953	25 2979	C 7365			47 22.98	5398	30	25 27 27.3	963	315	12.0	+ 3	+ 26	9.2	
6954	25 2980	C 7366			47 27.21	5408	30	25 24 55.2	958	315	12.0	- 3	- 31	9.1	
6955	31 2790	L 5609	1134		47 39.70	3936	26	31 13 36.2	943	297	11.1	- 15	+ 139	9.5	G 5
6956	25 2981	C 7367	1129	28914	15 47 40.78	+2.5366	+0.0029	25 34 28.5	-10.941	+0.315	9.6	+ 13	+ 8	7.9	K 0
6957	30 2716	L 5610			47 41.50	4114	26	30 33 15.0	941	299	11.8	+ 14	- 21	9.5	
6958	29 2724	C 7368			47 47.49	4355	26	29 37 37.3	933	302	10.7	+ 16	- 32	9.1	F 8
6959	29 2725	C 7369	1139		47 50.33	4395	27	29 28 5.4	930	303	10.4	- 37	+ 50	9.5	G 5
6960	31 2791	L 5612			48 12.50	3963	26	31 5 12.7	903	298	9.8	- 10	- 19	8.8	K 2
6961	29 2727	C 7370	1145	28930	15 48 18.92	+2.4529	+0.0027	28 54 44.9	-10.895	+0.304	9.8	- 2	+ 5	8.5	K 5
6962	31 2792	L 5613	1150		48 19.38	3921	26	31 14 10.9	894	297	11.1	- 4	- 35	9.2	G 5
6963	31 2793	L 5615			48 23.87	3982	26	31 0 17.3	889	298	11.0	- 5	+ 40	9.2	K 0
6964	30 2718	C 7372			48 24.37	4208	26	30 9 2.0	889	301	10.2	+ 1	- 22	7.36	K 5
6965	29 2728	C 7373			48 26.35	4419	27	29 19 54.1	886	303	12.0	+ 7	- 41	9.1	G 5
6966	28 2486	C 7375			15 48 35.82	+2.4665	+0.0027	28 21 33.4	-10.874	+0.307	12.4	+ 47	- 19	9.46	G 0
6967	29 2729	C 7377	1162	28937	48 40.64	4532	27	28 52 30.7	868	305	8.0	- 22	+ 16	8.1	K 2
6968	29 2730	C 7378		28946	48 50.76	4451	27	29 10 52.5	856	304	9.7	- 10	- 17	7.80	K 2
6969	27 2551	C 7379			49 22.52	4880	27	27 27 8.8	817	310	12.2	+ 3	+ 2	8.8	K 0
6970	28 2487	C 7380	1177-8		49 25.90	4721	27	28 4 54.0	813	308	11.0	+ 7	+ 12	8.42	K 2
6971	26 2747	C 7382			15 49 37.96	+2.5092	+0.0028	26 34 21.9	-10.798	+0.312	11.8	- 11	+ 13	9.1	G 5
6972	31 2795	L 5620	1165	28981	49 40.81	3823	26	31 30 19.1	794	297	9.4	- 56	- 76	7.9	K 5
6973	29 2733	C 7383	1187-8	28977	49 42.77	4520	27	28 51 9.6	792	304	10.2	- 29	- 15	8.5	K 5
6974	29 2734	C 7385	1194		49 51.02	4289	26	29 44 11.0	782	303	11.2	+ 5	- 56	8.31	K 0
6975	26 2748	C 7384	1189	28979	49 51.83	5216	29	26 3 13.6	781	314	10.2	+ 49	- 12	9.2	K 5
6976	27 2553	C 7386			15 49 58.05	+2.5001	+0.0028	26 55 32.1	-10.773	+0.311	10.4	+ 13	- 34	9.5	K 0
6977	28 2490	C 7387	1200	28983	50 15.71	4685	28	28 10 11.4	751	308	10.5	- 18	+ 62	9.9	G 0
6978	25 2990	C 7391			51 2.53	5322	30	25 32 41.8	694	317	9.2	+ 12	- 68	9.1	
6979	25 2991	C 7392	1223-4		51 7.91	5485	31	24 51 56.8	687	319	9.6	- 7	- 15	9.1	
6980	26 2753	C 7394	1228	29026	51 27.42	5022	29	26 44 52.5	663	314	9.0	- 41	+ 55	8.5	F 5
6981	26 2754	C 7395	1229	29027-8	15 51 34.75	+2.5137	+0.0030	26 16 18.1	-10.654	+0.315	9.4	- 15	+ 4	8.5	K 0
6982	29 2739	C 7396	1241	29040	51 47.57	4238	27	29 47 58.0	638	305	9.2	- 16	+ 4	7.66	A 0
6983	28 2494	C 7397	1244-6		51 59.83	4524	28	28 41 5.5	623	307	9.6	+ 86	- 144	8.1	F 5
6984	27 2555	C 7398			52 19.46	4867	28	27 18 46.8	599	312	10.4	+ 17	+ 4	8.1	K 0
6985	24 2941	B 5457	1255-6	29049	52 34.33	5526	31	24 36 32.0	580	321	11.2	- 7	- 10	8.7	
6986	25 2994	C 7399	1257	29057	15 52 36.98	+2.5326	+0.0031	25 26 10.2	-10.577	+0.319	11.0	- 33	+ 12	8.5	G 5
6987	31 2799	L 5627	1265-6	29065	52 41.34	3772	27	31 28 59.2	572	299	10.2	- 7	- 6	8.1	Ma
6988	25 2996	C 7401			53 16.68	5297	30	25 30 47.6	528	316	10.8	+ 1	+ 6	9.5	
6989	24 2945	B 5461			53 17.44	5657	32	24 1 5.1	527	323	10.6	+ 58	- 62	9.5	
6990	25 2997	C 7402	1283-5		53 30.41	5450	32	24 52 16.6	511	320	9.2	+ 11	- 108	8.7	
6991	30 2727	L 5628			15 53 43.63	+2.4059	+0.0027	30 20 50.7	-10.494	+0.303	9.0	+ 36	- 87	9.5	G 5
6992	27 2558	C 7404	1295	29091	53 51.64	4887	29	27 8 16.9	484	314	12.2	- 64*	- 68*	4.22	K 0
6993	24 2947	B 5467	1296	29093	54 1.57	5497	32	24 38 36.3	472	322	10.2	+ 18	- 17	7.9	
6994	25 3000	C 7409	1298	29097-8	54 14.97	5387	32	25 5 16.0	455	318	11.2	- 9	- 8	8.9	
6995	26 2761	C 7412			54 42.35	5108	31	26 11 56.7	421	316	11.6			9.76	K 0
6996	29 2745	C 7414	1314		15 54 43.31	+2.4178	+0.0028	29 49 56.5	-10.420	+0.305	12.2	- 8	+ 7	9.41	K 0
6997	27 2563	C 7415	1311	29115	54 46.27	4879	30	27 6 37.7	416	314	9.8	+ 27	- 52	8.8	K 2
6998	27 2564	C 7417			54 48.31	4799	30	27 25 40.3	414	313	12.0	- 57	- 96	9.5	G 5
6999	26 2762	C 7418	1315	29116	54 50.11	4956	30	26 47 59.5	412	315	9.3	- 31	- 9	8.6	K 0
7000	28 2503	C 7420	1323		54 55.20	4654	29	27 59 22.1	405	311	11.21	- 572	+ 304	8.1	K 0

6982. Burnham 7439.

6991. Burnham 7452.

6992. Burnham 7453. Number of observations 39.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
7001	25 3003	C 7419			h m s	s	s	° ' "	"	"					
7002	25 3004	C 7421			15 54 57.58	+2.5195	+0.0031	25 49 44.5	-10.402	+0.318	10.1	- 49	- 139	8.36	K 5
7003	27 2565	C 7422		29125	55 3.23	5283	32	25 27 59.3	395	320	13.2	+ 54	- 51	9.5	
7004	30 2730	L 5635		29131	55 6.31	4922	30	26 55 10.1	391	315	12.6	+ 7	+ 36	9.36	G 5
7005	25 3005	C 7423	1324	29124	55 8.20	4057	28	30 15 38.7	389	304	11.1	- 6	+ 19	7.61	K 5
7006	30 2731	L 5636			55 9.16	5425	32	24 52 38.7	388	321	11.0	- 2	0	8.5	
7007	26 2763	C 7425			15 55 12.42	+2.4114	+0.0028	30 2 38.2	-10.384	+0.305	13.6	- 8	+ 29	9.5	G 5
7008	25 3006	C 7424			55 12.54	5053	31	26 23 26.9	384	317	12.5	+ 21	- 1	9.19	F 2
7009	27 2567	C 7428			55 13.20	5323	32	25 17 34.3	383	320	13.6	+ 25	+ 2	9.5	
7010	25 3007	C 7427			55 14.78	4827	30	27 17 23.7	381	313	13.3	- 37	- 36	9.5	G 0
7011	29 2748	C 7430	1340	29143	55 15.20	5358	32	25 8 42.1	380	322	13.3			9.5	
7012	25 3009	C 7432	1344		15 55 27.66	+2.4203	+0.0028	29 41 18.8	-10.365	+0.307	9.8	+ 38	- 63	7.21	K 0
7013	30 2733	L 5642			55 42.07	5219	31	25 41 22.1	347	320	10.8	+ 11	+ 25	7.96	K 2
7014	26 2765	C 7433			55 42.63	3946	28	30 38 6.1	346	303	11.0	- 9	- 13	8.7	F 0
7015	24 2954	B 5482	1366	29153-4-5	55 44.27	5098	31	26 10 30.3	344	317	12.2	+ 26	+ 23	var.	
7016	31 2804	L 5643		29171	56 10.05	5492	32	24 32 35.7	312	323	11.2	- 3	- 17	8.21	K 2
7017	30 2735	C 7437	1375	29174	15 56 17.98	+2.3674	+0.0028	31 35 38.8	-10.302	+0.300	11.1	- 10	0	8.7	F 8
7018	30 2736	L 5646	1377	29176	56 34.54	4131	28	29 53 14.2	281	306	9.9	+ 5	- 18	8.61	K 0
7019	31 2805	L 5648	1390-1	29200	56 37.95	4002	28	30 21 58.9	277	305	10.4	+ 34	- 5	8.7	K 0
7020	24 2957	C 7441	1385-6	29184-94	57 9.56	3595	28	31 49 20.0	237	300	10.2	+ 62	- 48	6.68	K 0
7021	29 2752	C 7444	1392		57 13.02	5438	32	24 42 22.0	233	324	10.7	+ 21	- 163	8.71	K 0
7022	26 2767	C 7443	1389	29199	15 57 17.73	+2.4301	+0.0029	29 12 1.0	-10.227	+0.309	10.5	+ 41	- 7	8.3	G 5
7023	28 2506	C 7446			57 19.09	5013	31	26 25 24.9	226	318	11.2	- 56	+ 19	7.89	F 2
7024	27 2570	C 7445	1395		57 23.64	4518	29	28 21 50.9	220	311	12.2	- 43	- 2	8.7	F 8
7025	29 2753	C 7448			57 24.35	4766	30	27 23 43.8	219	315	12.2	- 6	- 13	8.3	K 5
7026	27 2572	C 7449			57 27.36	4362	29	28 57 29.6	215	309	12.0	+ 16	- 15	9.2	
7027	29 2754	C 7452			15 57 36.10	+2.4680	+0.0029	27 43 15.7	-10.204	+0.314	12.8	- 7	+ 14	9.5	
7028	26 2768	C 7450			57 43.08	4380	29	28 52 27.6	195	310	12.2	- 89	- 52	9.2	K 0
7029	26 2769	C 7451	1398	29204	57 43.16	5093	31	26 4 45.5	195	319	12.2	- 20	+ 30	9.5	
7030	30 2738	C 7453	1403	29216	57 44.10	4949	30	26 39 20.9	194	317	10.0	- 30	- 8	8.3	F 5
7031	27 2574	C 7456	1425		57 50.19	4052	28	30 6 9.0	187	306	10.1	- 29*	- 24*	4.91	A 0
7032	27 2575	C 7457	1429-30	29253	15 58 47.91	+2.4867	+0.0031	26 55 5.1	-10.114	+0.317	9.8	- 16	- 5	9.5	
7033	30 2742	L 5661	1439		58 54.48	4879	31	26 51 46.0	106	318	8.4	- 30	- 78	7.69	F 5
7034	29 2758	C 7460	1443	29272	59 10.15	3943	29	30 25 19.1	086	307	9.8	+ 7	- 14	8.7	K 5
7035	29 2760	C 7461	1457	29282	59 17.81	4267	30	29 12 16.2	076	310	9.4	+ 34	- 5	8.7	K 0
7036	26 2776	C 7462	1458-9-60	29284	59 33.66	4290	30	29 6 0.3	056	311	10.5	+ 6	- 49	9.5	K 2
7037	24 2964	B 5502			15 59 41.66	+2.4918	+0.0031	26 39 48.7	-10.046	+0.319	8.6	- 31	+ 34	8.7	G 5
7038	24 2965	B 5504			59 50.33	5464	33	24 27 11.1	035	326	11.9	- 1	- 10	8.8	
7039	31 2808	L 5669	1467-8		16 0 1.69	5447	32	24 30 48.2	021	326	11.4	- 16	+ 5	8.7	
7040	25 3020	C 7468	1471-3	29307-8	0 1.72	3653	29	31 25 24.4	021	303	10.9	- 28	+ 13	8.7	K 2
7041	31 2809	L 5671			0 20.21	5204	32	25 29 3.7	9.998	323	11.04	- 388	+ 698	7.06	G 0
7042	25 3022	C 7471	1488-9		16 0 22.53	+2.3684	+0.0029	31 17 22.6	- 9.995	+0.304	11.0	- 106	+ 11	9.2	K 0
7043	25 3023	C 7472	1490-1		1 1.52	5195	32	25 28 55.5	945	323	12.0	- 21	- 2	9.5	
7044	28 2514	C 7474	1503		1 1.87	5193	32	25 29 22.6	945	323	13.0	- 3	- 15	9.5	
7045	27 2581	C 7475			1 16.00	4582	30	27 53 0.3	927	316	10.8	- 2	- 6	9.1	
7046	27 2582	C 7477		29348	1 20.26	4798	31	27 2 29.6	921	319	10.6	+ 21	0	9.5	
7047	25 3025	C 7480	1517-8	29355	16 1 30.37	+2.4813	+0.0031	26 58 10.7	- 9.909	+0.319	11.4	+ 53	+ 15	9.2	A 3
7048	31 2814	L 5678	1532-3	29370	1 49.27	5173	31	25 31 38.2	885	323	9.8	- 16	- 56	9.5	
7049	31 2815	L 5679	1534		1 58.80	3506	29	31 49 35.2	873	303	9.3	+ 4	- 3	7.76	A 2
7050	30 2749	L 5683	1559	29396	2 7.02	3690	29	31 9 37.8	862	305	9.2	+ 44	- 11	8.3	Ma
					2 50.77	3955	30	30 8 47.4	807	309	8.8	- 71	0	7.86	K 2

7009. Number of observations 4.
7035. Σ 2004.

7014. Limits of magnitude 2.0 and 9.5.
7037, 7046. Number of observations 6.

7023. This is the principal star of a pair.
7044. This star is a variable.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. s.001.		
7051	24 2972	B 5523	1564-5		16 3 12.93	+2.5367	+0.0033	24 39 59.3	- 9.778	+0.327	9.8	0	+ 16	8.5	
7052	30 2751	L 5684	1574		3 18.01	3797	30	30 41 58.0	772	307	10.4	+ 26	- 36	9.5	
7053	25 3031	C 7486	8-9	29428	3 40.03	5242	33	25 8 57.3	744	326	8.8	- 22	- 38	8.5	K 2
7054	29 2774	C 7490		29442	4 0.63	4183	30	29 14 6.3	718	312	8.9	+ 13	0	7.68	A 3
7055	30 2755	C 7491			4 3.19	3948	30	30 5 52.5	714	310	10.2	- 9	- 46	9.4	A 3
7056	29 2775	C 7493	28	29446	16 4 8.74	+2.4132	+0.0030	29 25 2.0	- 9.707	+0.312	10.2	- 3	+ 15	8.8	
7057	29 2776	C 7494			4 15.39	4075	30	29 37 20.4	699	311	10.0	+ 13	- 52	8.9	
7058	30 2757	L 5697			4 54.06	3760	30	30 44 13.1	650	307	9.2	+ 16	- 5	9.2	
7059	30 2758	L 5698	65-6	29476	5 4.66	3789	30	30 37 11.1	636	308	10.8	- 2	- 22	8.1	K 0
7060	25 3036	C 7496	61-2		5 5.93	5218	33	25 10 4.6	634	327	10.6	+ 5	- 22	8.6	G 5
7061	27 2590	C 7498			16 5 22.51	+2.4733	+0.0031	27 3 50.6	- 9.613	+0.321	11.0	- 26	- 13	9.8	
7062	28 2524	C 7500	74		5 33.48	4410	30	28 17 27.1	599	316	11.2	- 1	- 3	9.1	
7063	27 2591	C 7501		29487	5 37.90	4587	30	27 36 43.0	593	319	9.7	+ 28	- 11	7.93	F 0
7064	28 2526	C 7503	76		5 42.03	4375	30	28 24 55.3	588	315	11.4	- 87	+ 11	9.4	
7065	31 2820	L 5701	81		5 52.04	3642	29	31 6 9.9	575	307	12.0	- 21	+ 5	9.4	
7066	30 2759	C 7506	80.	29499	16 5 53.05	+2.3923	+0.0030	30 5 7.5	- 9.574	+0.311	11.5	- 59	+ 6	9.1	K 5
7067	27 2593	C 7505		29495	5 53.87	4688	31	27 12 30.0	573	320	10.1	+ 21	+ 3	8.1	K 2
7068	31 2821	L 5704	85		5 56.78	3644	29	31 5 19.4	569	307	11.8	+ 1	- 21	9.4	
7069	26 2791	C 7507	83		6 3.54	4937	31	26 13 55.5	561	323	10.6	- 22	+ 51	7.7	G 5
7070	30 2760	C 7508	94	29502	6 5.54	3919	30	30 5 11.2	558	311	12.0	+ 5	+ 3	8.8	K 0
7071	26 2792	C 7509	93		16 6 12.96	+2.4988	+0.0031	26 1 18.9	- 9.549	+0.324	11.6	- 1	+ 1	9.2	
7072	25 3039	C 7511	99-100-1	29507-8	6 20.81	5062	32	25 43 20.1	538	325	11.2	+ 9	+ 3	7.48	K 0
7073	27 2595	C 7513	102-3	29510	6 21.25	4742	32	26 58 36.0	538	321	9.9	- 20	+ 39	6.68	K 0
7074	30 2762	C 7515	115	29521	6 45.79	3948	30	29 56 31.4	506	311	10.6	+ 34	- 6	9.4	
7075	30 2763	C 7518	125	29532	7 1.36	3926	30	30 0 17.2	486	312	10.4	+ 15	- 22	8.9	
7076	30 2764	C 7519	129	29534	16 7 5.46	+2.3906	+0.0030	30 4 34.0	- 9.481	+0.312	12.2	- 4	- 28	9.4	
7077	31 2825	L 5710	134-5	29536	7 5.84	3589	30	31 12 30.4	481	307	11.3	0	- 47	8.9	K 5
7078	26 2797	C 7521	130-1-2	29533	7 13.70	4818	32	26 37 54.1	471	323	10.4	- 14	- 20	8.2	F 8
7079	29 2784	C 7523			7 16.28	4094	30	29 22 29.7	467	314	12.0	+ 17	- 43	9.1	Ma
7080	31 2826	L 5711	145-6	29548	7 22.25	3583	30	31 13 22.1	460	307	10.3	- 54	- 179	7.8	G 5
7081	27 2597	C 7524		29543	16 7 25.44	+2.4688	+0.0032	27 7 36.2	- 9.456	+0.321	11.1	+ 23	- 94	7.37	F 5
7082	25 3042	C 7525	144	29546	7 36.36	5178	33	25 11 59.1	441	327	10.6	- 1	- 16	8.7	
7083	24 2977	B 5538			7 37.97	5463	33	24 3 7.6	439	333	12.0	- 12	+ 20	8.7	K 0
7084	25 3044	C 7528			7 40.16	5062	32	25 39 12.3	436	326	11.7	- 70	+ 24	9.1	K 0
7085	28 2529	C 7529	163		7 45.79	4276	31	28 40 21.3	429	316	11.3	- 91	- 59	7.54	F 5
7086	26 2799	C 7530	164-5	29556	16 7 53.99	+2.4804	+0.0032	26 39 14.4	- 9.419	+0.323	12.8	+ 30	- 13	9.1	
7087	25 3046	C 7533	167		8 6.13	5104	33	25 28 2.3	403	327	11.8	- 76	+ 5	9.4	
7088	27 2601	C 7535	174		8 11.84	4489	31	27 50 45.1	396	320	11.0	+ 13	- 33	8.8	F 8
7089	26 2801	C 7537	191	29587	8 41.78	4790	32	26 39 44.7	357	323	10.5	+ 40	- 24	8.3	K 2
7090	32 2690	L 5718	198-9		8 45.97	3347	30	31 58 13.5	352	305	14.4	+ 11	- 19	9.4	
7091	31 2831	L 5720	202	29611	16 8 50.37	+2.3422	+0.0030	31 42 20.8	- 9.346	+0.306	9.5	- 34	+ 22	8.5	F 5
7092	27 2603	C 7539	203	29608	9 2.37	4724	32	26 54 4.0	331	323	11.4	+ 50	- 35	6.37	F 2
7093	28 2534	C 7540	208-9	29615	9 8.49	4231	31	28 45 42.3	323	316	11.9	- 13	- 16	9.2	
7094	26 2804	C 7541	214-5	29621	9 25.56	4756	32	26 45 26.7	301	324	12.0	- 17	- 12	8.7	
7095	27 2607	C 7542	228		9 32.10	4613	32	27 18 3.6	292	322	10.7	- 15	0	8.5	K 0
7096	28 2535	C 7543	225		16 9 36.30	+2.4254	+0.0031	28 39 10.1	- 9.287	+0.317	11.8	0	+ 3	9.5	
7097	31 2834	L 5724	240		9 51.75	3475	30	31 27 27.0	267	307	11.6	- 4	- 25	8.7	
7098	30 2773	L 5725			9 52.88	3692	30	30 41 12.9	266	310	11.8	+ 12	+ 13	8.9	
7099	31 2835	L 5726			9 58.96	3375	30	31 48 10.4	258	306	12.3	- 11	- 22	9.4	
7100	29 2792	C 7548	245-6	29637-9	10 10.42	4163	31	28 57 35.6	243	316	10.5	- 31	- 7	7.52	F 2

7053, 7086, 7087, 7089. Number of observations 6.
7078. Number of observations 4.

7089. Burnham 7547.

7054. Σ 2011.

7092. Σ 2022.

7060. Burnham 7526.
7100. Σ 2029.

No	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
7101	30 2774	L 5728		29645	16 10 15.80	+2.3797	+0.0031	30 17 17.5	- 9.236	+0.312	9.8	+ 18	- 24	8.9	G 5
7102	24 2984	C 7554	274		11 19.88	5243	33	24 45 8.0	153	332	8.4	+ 5	- 38	9.06	G 5
7103	29 2798	C 7555			11 26.37	3963	31	29 37 15.7	144	315	8.4	- 2	- 39	9.4	
7104	26 2809	C 7556		29682	12 0.33	4930	33	25 56 57.4	100	327	9.6	- 4	- 50	8.2	K 0
7105	24 2985	B 5553			12 0.93	5357	34	24 16 2.4	099	333	10.3	+ 1	- 2	9.1	
7106	27 2613	C 7557	297	29688	16 12 7.06	+2.4486	+0.0031	27 38 48.5	- 9.092	+0.322	9.7	- 36	- 40	6.30	K 2
7107	24 2987	B 5555			12 11.52	5296	33	24 30 2.4	086	333	11.4	+ 24	+ 105	9.2	
7108	25 3056	C 7558	302-3	29717	12 19.33	5036	33	25 31 23.6	076	329	11.0	- 5	+ 54	8.5	K 0
7109	29 2799	C 7559	311		12 30.23	3889	31	29 49 53.3	061	314	10.5	+ 1	- 16	8.36	F 5
7110	25 3057	C 7560	310	29727	12 34.26	4960	33	25 48 21.0	056	329	11.6	+ 4	- 3	8.8	F 8
7111	28 2541	C 7561	318		16 12 39.32	+2.4174	+0.0031	28 47 5.6	- 9.049	+0.318	12.0	+ 34	- 77	9.1	G 5
7112	29 2802	C 7563			12 50.04	3921	31	29 41 53.4	036	315	12.8	- 10	- 14	9.4	
7113	29 2801	C 7564			12 50.80	4069	31	29 9 31.3	034	317	11.4	0	+ 22	8.8	F 8
7114	29 2803	C 7566	332	29716	13 8.41	4006	31	29 22 20.8	012	316	10.7	+ 8*	- 26*	5.73	A 0
7115	28 2543	C 7567	333		13 11.88	4362	31	28 3 18.4	007	321	12.2	- 24	- 3	9.8	
7116	27 2616	C 7569		29718	16 13 14.81	+2.4504	+0.0031	27 31 6.8	- 9.003	+0.323	11.5	+ 20	- 14	8.6	
7117		C 7571			13 24.75	4881	33	26 4 18.2	8.990	328	13.7			9.4	
7118	29 2805	C 7572	347	29735	13 33.92	3924	31	29 38 54.7	979	315	10.6	- 18	+ 6	7.51	F 0
7119	28 2545	C 7573	350	29734	13 39.42	4407	31	27 51 55.1	971	322	9.8	- 17	- 8	7.8	A 0
7120	26 2816	C 7576		29750	14 25.36	4865	33	26 4 51.3	911	328	10.5	+ 11	- 9	9.1	
7121	26 2817	C 7577	374	29754	16 14 39.82	+2.4853	+0.0033	26 6 55.4	- 8.893	+0.328	8.1	- 2*	- 9*	6.63	G 5
7122	24 2990	B 5565	377	29759	14 54.06	5384	34	24 1 15.2	874	336	8.2	+ 28	+ 5	8.9	K 2
7123	30 2791	C 7584			15 22.45	3812	31	29 57 19.5	837	315	9.4	- 15	+ 32	9.2	
7124	31 2839	L 5757	402		15 45.64	3305	31	31 43 7.7	806	309	9.6	+ 10	- 21	9.4	
7125	26 2824	C 7591	399-400	29775	15 52.52	4807	33	26 13 59.4	797	328	8.6	+ 6	+ 2	8.7	K 2
7126	30 2792	L 5758	407	29785	16 16 4.18	+2.3664	+0.0031	30 26 48.5	- 8.782	+0.314	10.2	+ 2	+ 3	8.7	K 0
7127	27 2622	C 7592	406		16 8.18	4604	32	26 59 43.5	777	326	10.5	- 36	- 97	9.1	G 5
7128	27 2623	C 7594	415	29792	16 29.15	4453	32	27 32 52.9	749	324	11.5	- 3	+ 4	7.46	A 5
7129	26 2827	C 7596	422	29802	16 53.03	4829	33	26 6 5.0	718	330	11.0	+ 2	0	7.9	F 2
7130	26 2828	C 7597	424	29803	16 53.59	4772	33	26 19 11.1	717	328	10.7	0	- 23	8.5	G
7131	30 2793	L 5762	430-1-2	29811-3	16 16 53.62	+2.3573	+0.0031	30 43 23.8	- 8.717	+0.313	10.2	- 59	+ 26	8.1	G 5
7132	25 3068	C 7599	429		17 5.87	5063	33	25 11 7.7	701	332	11.6	- 1	+ 6	8.9	
7133	29 2813	C 7604	452	29835	17 34.29	4005	32	29 8 40.4	664	319	11.2	- 14	- 21	8.9	F 8
7134	29 2814	C 7605	455		17 34.94	3841	31	29 44 10.2	663	317	11.6	- 13	+ 11	8.91	G 0
7135	27 2629	C 7603	449	29832	17 35.58	4429	32	27 35 4.2	662	324	11.4	+ 9	+ 189	8.7	G 0
7136	29 2816	C 7608	462	29839	16 17 46.46	+2.3985	+0.0032	29 12 28.0	- 8.648	+0.319	11.4	- 29	+ 18	8.7	G 0
7137	30 2796	L 5771			18 2.34	3601	32	30 33 52.0	627	314	10.8	+ 40	- 45	9.1	
7138	27 2631	C 7610	475-6	29846	18 12.12	4420	32	27 35 12.3	614	324	12.1	0	- 39	9.1	G 5
7139	31 2844	L 5773	486		18 25.61	3350	31	31 25 12.7	596	310	12.4	+ 19	+ 12	9.4	
7140	25 3071	C 7612	480-1	29853	18 30.93	5106	34	24 57 11.7	589	334	10.2	+ 40	- 17	8.66	G 5
7141	31 2845	L 5774		29862	16 18 35.37	+2.3439	+0.0032	31 6 1.8	- 8.583	+0.312	12.4	- 74*	+ 92*	4.72	K 0
7142	25 3073	C 7614		29865	18 55.26	5042	33	25 11 4.2	557	333	10.8	- 7	- 72	9.4	G 5
7143	28 2554	C 7615	505-6	29870	19 4.34	4114	32	28 40 17.3	545	322	10.2	- 29	+ 14	8.5	F 8
7144	30 2801	C 7617			19 17.05	3731	32	30 2 28.3	529	316	10.4	+ 24	0	8.7	
7145	30 2803	L 5780			19 27.47	3601	32	30 29 21.0	515	315	10.8	- 10	+ 39	9.4	
7146	28 2557	C 7626			16 20 14.48	+2.4079	+0.0032	28 44 36.6	- 8.453	+0.322	9.1	- 31	+ 5	9.2	
7147	27 2639	C 7628		29899	20 17.51	4404	32	27 32 47.7	449	326	9.6	+ 14	- 12	8.7	G 5
7148	28 2559	C 7629	542	29902	20 18.54	4119	32	28 35 29.9	447	322	8.6	- 3	+ 1	7.47	K 0
7149	29 2821	C 7631	517	29907	20 26.94	3775	32	29 49 24.9	436	317	9.0	- 6	- 3	7.81	A 5
7150	26 2835	C 7634	547		20 38.97	4638	32	26 39 4.4	420	329	9.6	+ 3	+ 9	9.2	

7109. Burnham 7568.
7127. Burnham 7585.

7112, 7120, 7130. Number of observations 6.
7128. Number of observations 7.

7117. Number of observations 4.
7140. Σ 2039.

7120. Σ 2035.
7141. Number of observations 26.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
7151	28 2560	C 7635	557	29936	16 20 51.90	+2.4138	+0.0032	28 29 47.7	- 8.403	+323	10.3	- 16	- 71	8.7	K o
7152	28 2564	C 7637	564	29926	21 7.04	4281	32	27 57 36.2	383	325	10.6	+ 10	- 12	8.8	A 5
7153	24 3003	B 5602			21 19.28	5251	34	24 15 43.2	367	338	10.1	+ 7	+ 5	7.8	K 5
7154	24 3004	B 5603			21 22.42	5263	34	24 12 52.1	363	338	11.1	+ 12	- 22	9.5	
7155	29 2824	C 7640			21 30.20	3864	32	29 27 23.6	352	320	12.0	- 21	- 26	9.2	Mb
7156	25 3079	C 7642	583	29975	16 21 48.60	+2.4946	+0.0034	25 25 38.2	- 8.328	+334	10.6	- 2	- 22	7.9	K o
7157	24 3006	C 7643	586		21 51.92	5117	34	24 45 43.0	324	337	10.8	- 37	- 5	8.56	F 8
7158	30 2811	L 5794	603	29964	22 16.32	3566	32	30 28 15.3	291	316	11.4	- 29	- 64	9.1	K o
7159	25 3082	C 7648	595	29985	22 17.18	4962	34	25 20 40.8	290	335	11.4	+ 5	- 37	8.9	K o
7160	27 2644	C 7651	620		22 53.22	4339	32	27 39 56.2	241	327	9.5	+ 36	- 30	9.5	
7161	29 2830	C 7654	636	29986	16 23 8.11	+2.3961	+0.0032	29 1 50.2	- 8.222	+323	11.2	- 6	- 13	9.4	G 5
7162	24 3008	B 5607			23 9.49	5187	34	24 26 12.2	221	339	9.2	+ 8	+ 1	9.1	K o
7163	28 2569	C 7655			23 10.93	4075	32	28 36 58.1	219	323	11.6	+ 6	+ 14	9.4	
7164	27 2646	C 7657			23 38.03	4485	33	27 5 13.1	183	329	10.3	+ 56	+ 2	9.2	K o
7165	25 3084	C 7658		30028	23 40.83	4926	34	25 25 19.3	179	335	10.8	- 8	- 21	9.4	
7166	26 2845	C 7662	632		16 24 12.12	+2.4719	+0.0033	26 11 1.1	- 8.137	+332	10.3	- 12	- 1	6.68	A 3
7167	25 3086	C 7661		30011	24 12.60	4927	34	25 23 41.4	137	335	10.8	+ 9	- 74	8.1	G 5
7168	26 2846	C 7663	661-2-3	30017	24 16.14	4571	33	26 44 24.6	132	331	11.4	- 11	- 43	8.8	G 5
7169	25 3087	C 7665	669		24 36.16	4839	33	25 42 53.1	105	334	12.2	+ 12	- 51	8.6	F 8
7170	29 2833	C 7666	675	30032	24 36.65	3707	32	29 51 42.6	105	319	11.5	- 43	- 94	8.71	K o
7171	27 2649	C 7667	674		16 24 42.34	+2.4399	+0.0033	27 21 28.7	- 8.097	+329	12.0	+ 7	- 17	9.4	K o
7172	31 2853	L 5809			24 51.73	3279	32	31 20 4.7	084	314	11.7	- 38	- 31	8.9	
7173	29 2834	C 7669	689	30041	24 56.95	3869	32	29 16 25.5	077	321	11.8	- 18	+ 6	7.11	A 2
7174	30 2816	L 5810	691		24 58.84	3426	32	30 49 26.7	075	316	11.8	+ 9	- 7	8.8	A 3
7175	25 3090	C 7670	687-8		25 6.33	5003	34	25 3 47.8	065	338	12.7	+ 12	- 34	9.8	
7176	24 3013	B 5620	690		16 25 12.74	+2.5246	+0.0034	24 7 9.5	- 8.056	+341	12.2	+ 13	- 6	8.7	
7177	28 2573	C 7676	723-4	30075	26 22.54	4001	32	28 44 4.8	7.963	324	9.1	- 6	- 11	8.7	F 5
7178	24 3016	B 5623	717		26 24.61	5250	34	24 3 21.5	960	341	9.4	- 25	+ 8	8.7	
7179	30 2821	L 5819	744	30093-4	26 58.09	3415	32	30 46 12.1	916	317	8.8	+ 71	- 61	8.6	K o
7180	27 2655	C 7680	746	30096	27 7.65	4234	32	27 51 19.2	903	328	10.8	+ 5	- 45	9.2	
7181	26 2851	C 7681	748-9		16 27 11.81	+2.4670	+0.0033	26 14 30.1	- 7.897	+333	11.5	- 7	- 41	8.3	K o
7182	24 3019	B 5628			27 12.20	5210	34	24 10 43.1	897	341	11.2	- 7	+ 33	8.2	F 8
7183	31 2858	L 5822	755	30104	27 15.09	3345	32	30 59 48.7	893	316	11.8	- 6	- 26	8.7	K o
7184	29 2840	C 7682			27 20.30	3802	32	29 23 52.5	886	322	11.8	+ 4	- 24	8.7	
7185	31 2859	L 5824	759	30107	27 25.60	3302	32	31 8 3.7	879	316	11.5	+ 9	- 14	7.30	F 5
7186	28 2579	C 7683			16 27 28.06	+2.4006	+0.0032	28 40 3.8	- 7.875	+325	11.6	- 5	- 11	9.2	
7187	26 2852	C 7685		30139	27 42.12	4719	33	26 2 7.3	857	334	11.7	+ 10	- 63	8.0	K o
7188	25 3093	C 7687			27 45.04	4835	33	25 35 44.5	853	337	12.2	+ 48	+ 31	9.1	
7189	26 2854	C 7688	763-4-5		27 51.62	4558	33	26 37 54.9	844	332	12.0	- 69	- 256	8.6	K o
7190	29 2844	C 7690		30131	28 6.68	3679	32	29 47 51.4	824	321	11.8	- 3	+ 8	8.06	K o
7191	26 2855	C 7692	784-5	30153	16 28 12.27	+2.4663	+0.0033	26 13 31.0	- 7.816	+334	11.1	- 4	- 66	7.56	G 5
7192	24 3020	C 7693			28 14.42	5026	34	24 50 49.5	813	339	11.9	- 4	- 39	9.4	
7193	30 2827	L 5830	794	30161	28 27.88	3482	32	30 28 4.7	795	318	11.8	+ 9	- 16	9.2	
7194	25 3094	C 7694	789		28 35.11	4972	34	25 2 24.3	785	339	12.0	- 10	- 35	7.83	A o
7195	24 3022	C 7695	793		28 40.11	5022	34	24 50 35.6	779	339	11.6	- 43	- 80	9.4	
7196	24 3021	B 5638			16 28 41.85	+2.5217	+0.0034	24 5 31.0	- 7.776	+342	12.0	+ 6	- 19	8.7	K 2
7197	29 2846	C 7696	802		28 44.64	3918	32	28 55 21.3	773	324	11.7	+ 19	+ 3	9.2	
7198	29 2847	C 7697			28 46.41	3814	32	29 17 23.8	770	323	11.3	- 54	- 74	8.9	K o
7199	28 2581	C 7698	804	30143	28 48.89	4202	32	27 53 58.6	767	329	11.7	+ 10	- 5	7.9	K 5
7200	30 2829	L 5831	809	30144	28 49.55	3521	32	30 18 55.3	766	319	11.0	+ 28	- 61	7.36	K o

7164. Burnham 7635. 7166. Σ 2049. 7168. Burnham 7638. 7172. Σ 2053. 7181. Burnham 7657. 7181, 7184, 7194. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^h . ^m . ^s . ^{0001.}	Dec. ^h . ^m . ^s . ^{001.}		
7201	30 2831	L 5835	812	30152	16 28 57.96	+2.3494	+0.0032	30 24 12.1	- 7.755	+0.318	14.4	+ 6	- 16	8.3	
7202	30 2832	L 5836	826-7	30160	29 17.03	3429	32	30 36 49.1	729	318	9.4	+ 43	- 22	8.8	K 0
7203	28 2582	C 7702	828	30163	29 28.13	4171	32	27 59 3.7	714	328	10.1	+ 4	+ 16	8.9	F 5
7204	25 3097	C 7703	829	30195	29 36.79	4739	33	25 52 49.5	703	336	8.5	+ 170	- 65	7.8	F 8
7205	31 2864	L 5837	835-6	30171	29 42.70	3282	32	31 5 44.9	695	316	10.0	+ 7	- 5	7.9	F 2
7206	25 3098	C 7704	833	30206	16 29 49.90	+2.4951	+0.0034	25 4 15.7	- 7.685	+0.339	9.5	- 10	+ 9	8.61	G 0
7207	30 2834	L 5839	843-4-5	30179-80	29 58.67	3398	32	30 41 14.4	673	318	10.1	- 30*	- 18*	6.66	F 0
7208	25 3099	C 7706	838		30 0.68	4823	33	25 32 57.6	671	338	12.0	- 45	+ 2	9.4	
7209	25 3100	C 7707			30 5.64	4979	34	24 57 3.3	664	340	12.0	- 5	- 12	9.4	
7210	30 2835	L 5840	857	30192	30 14.59	3518	32	30 15 34.4	652	320	11.3	+ 24	- 28	8.3	K 2
7211	30 2836	L 5841			16 30 16.46	+2.3559	+0.0032	30 7 5.3	- 7.650	+0.320	12.3	+ 9	+ 4	9.4	
7212	25 3101	C 7709	853	30220	30 21.03	4788	33	25 39 52.2	643	337	11.5	- 19	- 26	7.8	K 2
7213	24 3027	C 7710	862-4		30 47.29	5005	34	24 49 32.8	608	341	10.2	+ 1	- 46	8.81	K 0
7214	31 2866	L 5849			31 37.59	3206	32	31 16 3.6	540	317	9.0	- 11	+ 22	8.5	G 5
7215		C 7715			31 40.04	3769	32	29 19 29.9	536	325	13.1	+ 48	+ 39	9.4	
7216	28 2585	C 7716	906	30233	16 31 50.35	+2.4123	+0.0033	28 3 20.6	- 7.523	+0.330	10.5	+ 4	- 1	9.4	
7217	26 2863	C 7717	901-2		31 52.93	4505	33	26 39 33.0	519	334	10.2	- 10	- 30	9.1	
7218	24 3031	B 5657		30263	31 53.42	5076	34	24 30 38.3	518	342	8.9	- 34	+ 14	8.1	F 2
7219	30 2841	L 5853	912-3	30245	31 59.99	3342	32	30 47 12.6	509	319	10.1	- 17	+ 28	8.8	K 5
7220	29 2851	C 7718			32 5.47	3755	33	29 21 15.8	502	325	12.2	- 5	- 37	9.1	A 3
7221	28 2586	C 7719	916	30244	16 32 7.67	+2.4119	+0.0033	28 3 22.5	- 7.499	+0.329	9.9	+ 4	+ 9	8.7	F 8
7222	30 2842	L 5856	930		32 18.19	3449	32	30 24 30.3	485	320	11.1	+ 10	- 43	9.4	
7223	25 3107	C 7720			32 18.52	4758	33	25 42 4.3	484	338	12.2	+ 4	+ 7	9.4	
7224	30 2843	C 7721	931	30260	32 21.75	3587	32	29 55 45.4	480	322	10.9	- 8	- 31	8.86	G 5
7225	31 2873	L 5861	947	30271	32 56.78	3227	32	31 8 8.4	433	317	8.23	- 4	- 502	7.32	F 8
7226	26 2864	C 7727	948-9		16 33 8.47	+2.4476	+0.0033	26 42 57.3	- 7.417	+0.334	8.8	- 19	- 89	7.8	F 5
7227	27 2659	C 7730	965-6-7		33 25.72	4414	33	26 56 3.7	393	333	8.2	- 34	+ 44	8.3	F 5
7228	29 2858	C 7735	986-8		34 2.24	3827	33	29 1 2.7	344	327	10.6	- 14	- 58	7.7	G 5
7229	27 2660	C 7734	985		34 3.27	4239	33	27 32 41.5	342	332	10.3	- 13	- 35	8.1	G 5
7230	27 2661	C 7737	991	30337	34 9.87	4326	33	27 13 27.1	333	333	9.1	- 20	- 45	7.08	Ma
7231	30 2851	L 5868		30303	16 34 19.08	+2.3487	+0.0032	30 11 26.8	- 7.321	+0.322	10.1	+ 6	- 18	9.4	K 0
7232	31 2879	L 5869	1007		34 22.14	3171	33	31 15 51.0	317	318	11.0	- 5	- 24	9.4	F 0
7233	27 2662	C 7738	998-9		34 23.60	4243	33	27 30 58.7	315	332	10.3	- 1	- 19	9.1	
7234	29 2859	C 7739	1009-10	30319	34 28.87	3634	32	29 40 29.5	308	324	11.0	+ 6	- 28	8.9	K 0
7235	30 2853	L 5870	1011-2		34 30.04	3310	32	30 47 19.1	306	320	10.5	- 2	+ 46	8.8	G 5
7236	27 2663	C 7741	1008		16 34 32.78	+2.4209	+0.0033	27 38 3.7	- 7.302	+0.332	11.5	+ 1	- 38	9.4	
7237	24 3036	B 5667	1001		34 34.01	5178	34	24 1 19.4	301	345	11.3	- 19	- 12	9.8	
7238	25 3110	C 7740	1003-4		34 34.15	4760	33	25 36 18.5	301	339	11.0	+ 8	+ 1	8.8	G 5
7239	29 2860	C 7742	1018-9	30328	34 44.06	3579	32	29 51 21.0	287	323	10.3.9.5	- 30	- 198	7.31	G 5
7240	29 2861	C 7743	1021-2	30333	34 51.83	3580	32	29 50 46.8	277	324	11.7	- 10	- 44	9.4	
7241	24 3037	B 5674	1027		16 35 14.61	+2.5032	+0.0034	24 33 24.1	- 7.246	+0.344	9.5	- 42	+ 93	8.6	
7242	24 3038	C 7744		30342	35 21.43	4946	34	24 52 32.8	236	342	10.3	- 34	- 98	7.96	F 5
7243	24 3039	B 5679	1031		35 28.05	5023	34	24 35 52.6	227	344	11.4	+ 12	- 42	9.4	
7244	27 2664	C 7747			35 32.52	4355	33	27 3 49.1	221	333	11.9	+ 6	+ 6	9.4	
7245	26 2872	C 7749	1041		35 35.00	4421	33	26 49 16.1	218	335	12.5	- 11	- 25	9.4	
7246	26 2874	C 7752	1051		16 35 50.77	+2.4553	+0.0033	26 19 30.9	- 7.196	+0.336	12.4	- 19	- 15	9.4	
7247	29 2864	C 7753	1058	30367	35 52.70	3698	33	29 23 36.9	194	325	9.9	+ 18	+ 13	7.21	A 0
7248	25 3113	C 7756	1063-4		36 18.10	4715	33	25 42 37.9	159	339	10.2	- 14	+ 11	8.3	K 0
7249	32 2764	L 5886	1090		36 54.77	2930	33	31 57 26.8	109	315	10.3	+ 16	+ 2	9.4	
7250	30 2858	C 7760	1088	30402	36 56.62	3501	32	30 1 54.7	107	323	9.4	- 26	+ 5	7.86	A 0

7205. Σ 2061.

7205, 7206, 7220, 7229, 7240. Number of observations 6.

7228. Number of observations 7.

No.	B.D.	A.G.C.	W.B. (z).	Lalande.	R.A. 1910.0.			Precession.	Sec. Var.	Dec. 1910.0.			Annual P.M.		Mag.	Spectral Type.
					h	m	s			°	'	"	R.A. "001.	Dec. "001.		
7251	29 2867	C 7761	1095	30409	16 37 8.43	+2.3771	+0.0033	29 5 20.5	- 7.091	+ 328	11.0	- 33	- 35	8.0	K 2	
7252	25 3115	C 7762	1091	30407	37 16.68	4886	34	25 1 55.1	079	343	10.7	- 17	- 11	6.22	K 2	
7253	26 2877	C 7764	1100-1		37 23.66	4436	33	26 41 48.6	070	336	11.3	+ 26	- 17	9.4		
7254	28 2600	C 7767			37 30.10	3823	33	28 53 31.1	061	327	11.7	- 15	- 24	9.2		
7255	24 3044	B 5694			37 43.74	5095	34	24 13 24.2	042	346	12.1	- 17	- 41	9.4		
7256	30 2859	L 5887	1116-7	30425	16 37 44.71	+2.3407	+0.0032	30 19 13.4	- 7.041	+ 322	11.5	+ 9	- 2	8.5	A 5	
7257	30 2861	L 5888	1121-2	30431	37 51.44	3369	32	30 26 45.3	032	321	11.1	- 47	- 52	7.47	F 0	
7258	26 2879	C 7769	1115		37 52.66	4552	33	26 15 11.5	030	338	10.9	- 11	- 63	7.62	K 0	
7259	31 2884	L 5889	1124-5	30433-4-5	37 53.52	2976	32	31 45 55.8	029	317	11.4, 11.2	- 365*	+ 385*	3.00	G 0	
7260	27 2668	C 7771	1119-20	30427-8	37 57.65	4322	33	27 5 23.5	023	334	10.8	- 2*	- 49*	5.91	F 2	
7261	31 2886	L 5890	1130-1	30437	16 38 6.24	+2.3188	+0.0032	31 2 50.3	- 7.012	+ 320	11.1	- 29	- 7	6.97	F 5	
7262	29 2869	C 7773	1132-3		38 14.30	3613	32	29 35 34.9	001	326	12.1	- 9	- 26	8.9	F 5	
7263	30 2862	L 5891		30444	38 18.09	3320	32	30 35 43.0	6.996	322	11.5	+ 30	+ 9	8.9		
7264	25 3118	C 7774	1134-7		38 28.19	4724	33	25 35 51.3	982	341	11.9	+ 25	+ 10	9.4		
7265	25 3119	C 7776	1142-3		38 31.49	4722	33	25 36 2.0	977	341	11.9	+ 16	+ 168	9.4	G 0	
7266	26 2882	C 7779	1167-8	30467	16 39 13.63	+2.4601	+0.0033	26 1 28.1	- 6.920	+ 340	8.5	+ 5	- 59	7.44	K 0	
7267	31 2892	L 5899		30478	39 23.70	2941	33	31 49 1.4	906	317	9.8	+ 44	- 16	8.6	K 2	
7268	26 2885	C 7781	1175	30499	39 25.40	4544	33	26 13 32.0	903	339	9.5	+ 37	- 49	8.1	Ma	
7269	29 2873	C 7782	1179-80		39 26.77	3796	32	28 54 36.3	902	328	10.4	+ 7	- 22	9.1	K 0	
7270	29 2874	C 7784			39 27.82	3634	33	29 28 24.1	900	327	10.4	- 17	- 16	9.2		
7271	25 3122	C 7785			16 39 37.14	+2.4790	+0.0034	25 18 34.7	- 6.888	+ 343	9.3	+ 7	- 10	8.3	F 5	
7272	29 2875	C 7789	1193	30490	39 57.15	3726	33	29 8 5.6	860	328	10.5	+ 1	- 37	8.9	F 8	
7273	26 2888	C 7788	1190		39 57.29	4507	33	26 20 35.7	860	338	10.5	+ 23	- 9	9.4		
7274	26 2889	C 7790	1197-8	30494	40 11.32	4490	33	26 23 55.0	841	338	8.5	- 5	- 29	8.5	F 8	
7275	28 2605	C 7794	1211	30505	40 26.47	3928	32	28 24 29.8	820	330	8.5	+ 3	- 7	8.9	A 3	
7276	29 2876	C 7796	1233	30537	16 41 26.30	+2.3567	+0.0032	29 37 32.9	- 6.738	+ 326	10.0	- 3	- 21	8.7	F 5	
7277	28 2607	C 7798	1236	30538-9	41 30.24	3884	32	28 31 18.5	733	331	8.9	+ 11	+ 21	7.09	F 5	
7278	25 3126	C 7797	1228		41 32.04	4760	33	25 21 12.6	730	343	10.7	0	- 75	9.5		
7279	24 3050	C 7799	1230-1-2	30531	41 34.80	4922	33	24 44 53.2	726	345	9.9	+ 9	- 12	8.31	K 2	
7280	31 2899	L 5911	1255	30546	41 44.13	2906	33	31 50 17.3	713	318	10.7	+ 19	- 13	8.6	G 0	
7281	26 2894	C 7800			16 41 51.89	+2.4375	+0.0033	26 45 21.7	- 6.703	+ 338	10.3	- 26	- 57	8.6	F 8	
7282	27 2680	C 7802	1245		41 54.49	4227	33	27 17 22.6	699	336	11.0	- 13	- 41	8.3	A 3	
7283	26 2895	C 7803	1252		41 57.62	4591	33	25 57 46.2	695	340	11.6	+ 13	- 9	9.2		
7284	27 2681	C 7804	1258		42 1.09	4211	33	27 20 25.7	690	336	11.2	- 1	- 9	8.8	K 5	
7285		L 5913	1267	30558	42 12.91	3400	32	30 10 7.7	674	325	9.7	- 10	- 53	8.7	G 5	
7286	30 2871		1268		16 42 13.47	+2.3400	+0.0032	30 9 55.4	- 6.673	+ 325	10.4	- 10	- 53	8.7	G 5	
7287	30 2872	L 5915	1271	30561	42 16.38	3403	32	30 9 22.8	669	325	11.4	- 1	+ 3	9.4	G 5	
7288	25 3130	C 7805	1264		42 17.50	4825	33	25 5 10.4	668	345	11.6	- 37	- 92	9.4		
7289	29 2878	C 7807			42 21.94	3486	32	29 52 11.0	661	326	11.5	- 23	- 33	9.4		
7290	26 2896	C 7806	1269		42 22.76	4523	33	26 12 1.0	660	340	8.9	- 10	- 19	8.3	G 5	
7291	24 3053	C 7808	1272-3		16 42 32.02	+2.4902	+0.0033	24 47 22.1	- 6.647	+ 346	11.6	0	- 75	9.1		
7292	27 2683	C 7810	1263		42 42.95	4229	33	27 15 16.5	632	336	10.8	+ 21	- 34	8.7	K 0	
7293	27 2686	C 7815		30578	43 6.34	4270	33	27 5 36.4	600	337	11.3	- 8	+ 7	8.9		
7294	28 2610	C 7820	1296		43 22.79	3837	32	28 37 2.6	578	331	11.6	- 8	- 7	9.5		
7295	29 2881	C 7822			43 29.10	3615	32	29 23 7.8	569	328	9.2	+ 11	- 22	8.5	F 8	
7296	30 2875	L 5925	1307	30605	16 43 43.75	+2.3366	+0.0032	30 13 36.6	- 6.549	+ 325	11.4	+ 35	- 33	9.1	G 5	
7297	28 2613	C 7826	1308	30606-7	43 49.78	3849	32	28 33 29.7	540	332	10.1	+ 34	- 9	8.3	G 5	
7298	29 2882	C 7829			43 51.07	3519	32	29 41 58.0	539	327	11.1	0	- 33	9.1	A 0	
7299			1306	30634	43 53.24	4618	33	25 47 59.0	536	342	11.4	- 5	- 42	8.5		
7300	25 3136	C 7827			43 53.41	4618	33	25 47 56.8	536	342	10.5	- 5	- 42	9.2		

7259. Σ 2084. Number of observations 75. 7271. Σ 2089. 7275, 7292. Number of observations 4. 7277. Σ 2095.
 7282, 7283. Number of observations 6. 7285, 7286. Σ 2098, magnitudes 8.0 and 9.0. 7286, 7299. Number of observations 2.
 7299. Burnham 7764. Components 9.0 and 9.2 Observed as one mass. 7300. Second of pair. Number of observations 3.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. ".001.		
7301	25 3137	C 7831	1325-7	30648	h m s 16 44 22.75	s +2.4639	s +0.0033	25 42 17.4	" - 6.495	" +342	9.4	- 2	+ 26	7.9	F 8
7302	31 2908	L 5929	1333-4	30632	44 26.09	2901	32	31 44 56.5	490	319	8.9	+ 3	- 37	8.7	Ma
7303	28 2614	C 7832	1332	30630	44 30.72	3990	32	28 2 23.8	484	334	9.5	- 1	+ 3	8.3	A 3
7304	24 3058	B 5740	1336		44 49.09	5018	34	24 16 49.8	459	347	9.4	+ 25	- 34	8.8	F 8
7305	26 2904	C 7833	1338-9-40		44 52.65	4346	33	26 45 26.3	454	339	10.0	+ 23	- 13	7.9	K 2
7306	24 3060	B 5741	1345		16 45 9.51	+2.4978	+0.0034	24 25 12.0	- 6.430	+347	10.6	- 1	- 1	9.2	
7307	31 2910	L 5932			45 18.53	2930	32	31 37 10.4	418	320	10.9	- 24	- 7	9.4	
7308	31 2911	L 5933			45 28.04	2989	32	31 25 10.0	405	320	10.5	- 2	- 10	9.2	
7309	30 2880	C 7838	1363	30660	45 45.21	3376	32	30 7 7.0	381	325	8.5	- 53*	+ 75*	6.68	K 2
7310	25 3145	C 7839	1356		45 49.95	4638	33	25 39 34.7	374	343	10.5	+ 1	- 27	9.1	
7311	26 2906	C 7840		30659	16 45 51.21	+2.4493	+0.0033	26 11 26.5	- 6.373	+341	10.0	+ 14	- 19	8.2	F 5
7312	28 2616	C 7842	1367-8		46 3.53	3844	32	28 29 49.9	356	333	11.0	- 14	- 21	8.9	F 5
7313	32 2790	L 5936	1374		46 4.99	2809	32	31 59 12.7	354	318	11.3	- 33	+ 19	9.4	
7314	28 2618	C 7844	1372-3		46 9.59	3831	32	28 32 21.3	347	333	10.9	- 37	+ 29	7.9	F 8
7315	26 2907	C 7847	1377	30672	46 23.87	4440	33	26 21 48.0	328	341	8.7	+ 17	- 3	7.18	K 0
7316	27 2698	C 7849			16 46 31.37	+2.4229	+0.0032	27 7 14.1	- 6.317	+338	10.1	+ 28	- 40	9.2	
7317	28 2619	C 7850	1385-6		46 38.88	3778	32	28 42 23.9	307	332	10.2	+ 13	- 53	9.5	
7318	28 2620	C 7852			46 48.99	3975	32	28 0 40.9	293	335	10.9	+ 8	+ 7	9.2	
7319	25 3147	C 7853	1388		46 54.73	4684	33	25 27 19.4	285	345	10.7	- 33	- 7	9.2	
7320	29 2888	C 7854	1395-6		46 56.80	3667	32	29 4 50.7	282	331	11.0	- 24	- 44	9.1	
7321	30 2884	C 7855		30692	16 47 8.14	+2.3408	+0.0032	29 57 34.3	- 6.267	+327	8.9	- 7*	- 7*	5.86	K 5
7322	30 2885	L 5944			47 14.84	3230	32	30 33 19.1	257	325	11.0	+ 19	- 4	9.1	G 0
7323	27 2702	C 7856		30693	47 19.08	4183	32	27 15 33.7	251	338	11.4	+ 53	- 39	8.7	
7324	31 2916	L 5947	1417.		47 28.39	2909	32	31 36 35.7	238	320	11.7	+ 15	- 128	9.4	
7325	24 3066	B 5746	1410		47 31.89	4916	33	24 34 37.9	233	347	11.3	- 14	- 7	8.5	
7326	24 3065	B 5747			16 47 35.15	+2.5002	+0.0034	24 15 12.9	- 6.229	+348	11.7	+ 19	- 15	9.4	
7327	29 2889	C 7857	1421	30708	47 40.83	3471	32	29 43 28.7	220	328	11.1	+ 69	- 87	8.2	G 5
7328	28 2622	C 7859	1425	30713	47 49.70	3775	32	28 40 32.3	209	332	11.2	+ 17	- 20	9.1	
7329	30 2887	L 5950			47 51.20	3305	32	30 16 54.9	207	326	10.8	- 16	- 27	9.1	
7330	28 2623	C 7860	1427	30714	47 52.22	3891	32	28 16 20.9	205	334	10.3	+ 9	+ 3	6.94	G 5
7331	24 3069	C 7861	1428-9	30715	16 48 1.39	+2.4850	+0.0033	24 48 26.1	- 6.193	+347	10.9	+ 12*	+ 2*	5.20	K 0
7332	25 3150	C 7862	1432-3	30720	48 4.87	4648	33	25 33 4.6	188	345	10.5	- 39	- 16	6.90	F 2
7333	31 2920	L 5953	1434		48 6.23	2933	32	31 30 27.8	186	320	11.9	- 23	+ 3	9.4	
7334	29 2890	C 7864			48 6.72	3671	32	29 1 36.0	185	331	12.3	- 27	- 14	9.2	
7335	31 2921	L 5954	1438		48 12.27	3098	32	30 57 34.4	178	323	12.5	+ 12	- 9	9.4	
7336	28 2624	C 7865		30734	16 48 16.41	+2.3730	+ 0.0032	28 48 58.2	- 6.172	+332	10.7	+ 12	+ 24	6.52	F 5
7337	31 2923	L 5956	1449		48 24.49	2874	32	31 41 21.9	161	320	12.4	- 17	+ 19	9.4	
7338	28 2626	C 7868		30741	48 39.56	3772	32	28 39 26.6	140	332	9.3	+ 45	- 9	9.4	
7339	24 3073	B 5757	1454	30746	49 0.51	4888	33	24 38 7.2	111	348	9.5	- 5	+ 30	9.4	
7340	28 2629	C 7870	1465	30766	49 20.78	3843	32	28 23 24.2	082	333	8.8	- 54	+ 133	9.4	G 5
7341	31 2925	L 5962	1475	30774	16 49 33.21	+2.2812	+0.0032	31 51 0.4	- 6.065	+320	12.4	- 75*	- 23*	5.35	F 0
7342	24 3077	B 5761			49 44.03	5032	33	24 4 31.3	050	351	9.3	- 48	+ 5	8.8	K 2
7343	26 2911	C 7876	1478	30778	49 52.02	4381	33	26 28 2.3	039	341	9.0	+ 1	- 33	8.9	
7344	26 2912	C 7877	1480-1	30776	49 54.32	4344	32	26 35 46.1	036	340	9.5	+ 26	- 49	9.2	
7345	29 2895	C 7881	1488	30785	50 2.60	3461	32	29 40 41.1	024	329	10.0	+ 21	- 3	9.2	
7346	31 2927	L 5968	1504-5		16 50 24.96	+2.2970	+0.0032	31 18 16.3	- 5.993	+323	9.1	- 43	+ 67	8.9	
7347	29 2896	C 7883		30796	50 27.40	3582	32	29 15 11.0	990	331	9.4	+ 6	- 39	8.9	F 8
7348	27 2706	C 7884	1502	30795	50 29.10	4018	32	27 44 12.7	988	337	9.5	+ 4	+ 14	8.7	K 0
7349	29 2897	C 7885			50 34.38	3599	32	29 11 32.9	980	331	10.1	+ 40	- 20	10.0	
7350	30 2900	L 5971			50 51.12	3182	32	30 35 15.0	957	326	9.1	+ 22	- 11	8.2	F 2

7311, 7317, 7336, 7347. Number of observations 4.

7336. Σ 2107.

7341. Number of observations 34.

7347. Burnham 7799.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 1900.1.	Dec. 1900.1.		
					h m s	s	s	° ' "	"	"					
7351	24 3082	B 5765			16 50 55.62	+2.5041	+0.0033	24 0 25.1	- 5.951	+351	10.0	- 3	- 22	9.2	
7352	24 3083	B 5769	1521	30812	51 18.21	4940	33	24 22 23.2	919	351	10.5	+ 7	- 32	8.3	K 5
7353	28 2633	C 7892	1527	30820	51 20.47	3855	32	28 16 49.3	916	335	10.5	+ 26	+ 6	7.12	F 0
7354	25 3156	C 7891	1523-4	30817	51 21.10	4531	32	25 52 30.6	915	344	9.0	+ 9*	- 29*	6.33	K 0
7355	28 2634	C 7893			51 25.12	3714	32	28 45 58.6	909	333	10.6	- 48	- 51	8.7	F 5
7356	29 2902	C 7894		30825	16 51 28.78	+2.3592	+0.0032	29 10 58.7	- 5.904	+331	9.9	+ 29	- 44	7.30	A 5
7357	30 2902	L 5975	1532	30830	51 29.64	3097	32	30 50 58.5	903	324	10.5	+ 19	- 6	8.1	K 5
7358	25 3157	C 7897	1540	30833	51 59.15	4590	32	25 38 38.8	862	345	9.7	+ 29	- 50	9.1	Ma
7359	24 3088	B 5773	1549-50		52 17.19	4859	33	24 38 49.2	837	349	10.0	- 10	- 9	8.5	
7360	27 2719	C 7900	1562	30857	52 33.40	4110	32	27 20 51.2	814	339	10.4	+ 34	- 20	8.8	K 0
7361	24 3091	B 5776	1563		16 52 42.03	+2.4916	+0.0033	24 25 27.2	- 5.802	+350	10.3	- 36	+ 22	8.9	
7362	31 2932	L 5980		30872	52 55.68	2990	32	31 9 8.9	783	323	9.5	+ 1	- 23	8.1	A 2
7363	28 2637	C 7902			52 59.63	3745	32	28 36 38.6	778	334	12.1	+ 24	+ 5	9.2	
7364	26 2921	C 7903			53 2.11	4425	32	26 12 31.9	774	343	12.3	+ 1	- 20	9.4	
7365	25 3162	C 7905	1576-7		53 14.07	4733	32	25 4 58.7	758	348	11.6	- 8	+ 12	9.5	
7366	31 2933	L 5983		30883	16 53 17.78	+2.3033	+0.0032	30 59 53.9	- 5.752	+324	12.1	+ 23	+ 12	9.2	
7367	28 2639	C 7907			53 18.27	3785	32	28 27 40.3	752	334	12.1	+ 7	+ 14	9.1	F 5
7368	29 2905	C 7908		30880	53 18.73	3414	32	29 43 48.3	751	329	11.9	+ 7	- 32	8.5	G 0
7369	24 3094	B 5779	1578		53 19.80	4936	33	24 19 52.4	749	351	12.1	- 7	+ 7	8.7	F 0
7370	29 2906	C 7910	1585		53 24.24	3553	32	29 15 23.2	743	331	12.7	+ 3	- 9	9.2	
7371	25 3165	C 7911	1583-4	30865	16 53 30.85	+2.4670	+0.0032	25 18 26.6	- 5.734	+347	11.7	- 5	- 17	8.7	
7372	25 3166	C 7913	1597-9	30886	53 49.26	4618	32	25 29 28.9	708	346	9.6	+ 6*	- 1*	6.69	K 0
7373	25 3168	C 7915	1601		53 56.15	4640	32	25 24 8.5	699	346	9.9	+ 31	- 12	9.2	
7374	24 3095	B 5785		30889-90	53 58.20	4880	33	24 31 12.6	696	350	10.9	+ 16	- 37	6.36	K 0
7375	31 2935	L 5987			54 18.76	2940	32	31 16 17.1	667	324	12.9	+ 32	+ 3	9.2	
7376	25 3174	C 7922	1616-7	30909	16 54 30.59	+2.4616	+0.0032	25 28 34.3	- 5.651	+347	12.3	- 8	- 7	8.8	F 0
7377	31 2936	L 5990	1622		54 31.59	2976	32	31 8 48.7	649	324	10.3	- 10	- 20	8.8	
7378	28 2642	C 7925	1625	30920	54 46.54	3802	32	28 21 19.8	628	335	11.9	+ 35	+ 5	8.6	A 3
7379	32 2824	L 5993	1629		54 50.01	2732	32	31 55 39.1	623	320	12.8	- 11	+ 34	9.1	
7380	31 2937	L 5992			54 50.03	2941	32	31 15 11.7	623	324	13.1	- 30	+ 81	9.4	
7381	31 2938	L 5994			16 54 52.69	+2.2885	+0.0032	31 25 55.8	- 5.620	+323	13.5	+ 54	- 39	9.4	
7382	28 2643	C 7927	1628		54 58.29	3809	32	28 19 37.6	612	336	12.7	+ 7	- 35	10.0	
7383	31 2939	L 5996			55 0.05	2741	32	31 53 43.1	610	321	13.5	- 34	+ 36	9.4	
7384	30 2911	L 5997	1633-4	30931	55 3.58	3100	32	30 43 20.2	604	326	12.3	+ 10	+ 4	8.7	G 5
7385	27 2728	C 7930	1635		55 11.06	3964	32	27 46 52.0	594	338	12.1	- 12	- 36	8.5	K 5
7386	25 3175	C 7932	1640		16 55 24.57	+2.4714	+0.0032	25 5 33.0	- 5.575	+349	10.7	0	+ 9	8.8	F 0
7387	31 2942	L 6000	1647	30950	55 32.71	2825	32	31 36 19.8	564	322	10.7	+ 22	+ 13	8.1	F 5
7388	24 3099	B 5793	1644		55 36.91	4839	32	24 37 38.0	558	350	12.3	- 7	- 18	8.9	
7389	24 3101	B 5795	1650	30951	55 55.78	4914	32	24 20 26.7	531	352	10.9	- 7	- 91	7.8	K 0
7390	26 2928	C 7936	1653		55 56.29	4253	32	26 44 28.5	531	342	10.9	- 26	- 15	9.4	
7391	29 2915	C 7937			16 56 4.05	+2.3402	+0.0032	29 41 2.1	- 5.520	+330	12.2	+ 4	- 37	7.76	A 0
7392	27 2733	C 7940	1663	30969	56 16.49	4050	32	27 26 59.2	502	339	10.7	- 21	- 10	7.26	Mb
7393	26 2930	C 7939	1661	30967	56 17.37	4294	32	26 35 0.5	501	343	12.3	+ 27	- 39	9.2	
7394	31 2946	L 6008	1685		56 37.25	2978	32	31 4 17.7	473	325	11.5	- 4	+ 1	9.4	
7395	26 2932	C 7942	1680	30977	56 39.08	4349	32	26 22 37.7	471	343	10.9	+ 6	- 1	8.3	Ma
7396	31 2947	L 6009	1689	30996-7	16 56 50.73	+2.2980	+0.0032	31 3 30.6	- 5.454	+325	11.3	- 36*	+ 21*	3.92	A 0
7397	24 3104	B 5803	1686	30983	56 56.51	4852	32	24 32 36.0	446	351	12.0	+ 3	- 14	8.1	A 0
7398	26 2934	C 7945	1690	30986	57 3.04	4279	32	26 36 59.1	437	342	11.0	+ 30	- 44	8.1	K 5
7399	25 3178	C 7946			57 8.75	4508	32	25 47 39.9	429	346	11.7	- 3	+ 25	8.6	F 8
7400	28 2648	C 7947			57 14.25	3620	32	28 54 31.5	421	333	11.3	- 19	+ 28	9.4	

7354. Burnham 7805.

7372, 7391, 7394. Number of observations 6.

7376. Burnham 7819.

7379. Number of observations 7.

7396. Number of observations 58.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.		
												R.A. s.0001.	Dec. ".001.				
7401	25 3179	C 7948	1697-8		h m s	s	s	o ' "	"	"	12.1	+	2	-	26	8.7	
7402	29 2920	C 7953			57 31.80	3414	32	29 35 48.7	397	331	12.3					9.4	
7403	29 2919	C 7952			57 32.21	3582	32	29 1 47.4	396	333	12.6	-	22	-	31	9.5	
7404	27 2738	C 7950	1707	31010	57 32.85	4074	32	27 19 44.7	395	340	10.9	+	12	-	72	6.37	F 5
7405	25 3180	C 7955		31021	57 56.42	4510	32	25 45 44.5	362	346	10.2	-	3	-	39	8.6	
7406	31 2950	L 6014			16 58 0.16	+2.2799	+0.0032	31 36 37.0	- 5.357	+3.323	11.9	+	4	-	2	9.4	
7407	31 2951	L 6015			58 3.83	2873	32	31 22 13.0	352	324	11.7	+	36	-	37	8.8	F 5
7408	24 3105	B 5811		31025	58 7.32	4857	33	24 29 35.1	347	352	12.0	+	6	+	3	8.7	K 0
7409	25 3182	C 7956	1719-20		58 20.11	4672	32	25 9 59.1	329	349	9.7	+	4	+	19	7.91	K 2
7410	25 3183	C 7959	1735	31041	58 37.25	4541	32	25 37 55.1	305	347	8.7.97	-	3	+	103	5.95	K 0
7411	29 2924	C 7964		31057	16 58 59.70	+2.3452	+0.0031	29 25 29.8	- 5.273	+3.32	9.6	-	10	-	11	7.51	F 0
7412	26 2937	C 7965	1750		59 3.39	4233	31	26 43.26.5	268	343	12.2	-	19	-	22	8.8	
7413	25 3186	C 7966	1748-9		59 5.40	4690	32	25 4 44.5	265	350	11.9	+	12	-	20	8.8	
7414	27 2742	C 7968			59 12.53	3895	31	27 54 15.0	255	338	12.9	-	28	+	11	9.4	
7415	30 2925	C 7971	1758		59 13.72	3295	31	29 56 49.8	253	330	12.3	-	16	-	12	8.6	
7416	25 3187	C 7969	1754	31085	16 59 14.75	+2.4499	+0.0032	25 46 9.3	- 5.252	+3.47	12.3	-	34	-	109	8.7	G
7417	25 3189	C 7970			59 18.14	4573	32	25 30 5.9	247	348	12.8	+	2	-	10	8.8	
7418	25 3190	C 7973	1759-60		59 26.89	4716	32	24 58 31.5	235	350	11.9	-	9	+	29	8.7	
7419	31 2953	L 6027	1772	31073	59 28.61	2721	32	31 49 2.0	232	322	10.7	-	2	-	16	8.1	A 2
7420	29 2927	C 7976		31071	59 32.06	3394	31	29 36 22.4	228	332	10.1	+	10	-	30	7.96	K 2
7421	28 2657	C 7979	1776	31074	16 59 43.36	+2.3864	+0.0031	27 59 58.0	- 5.212	+3.38	9.1	+	43	-	26	8.8	F 2
7422	24 3112	B 5828			17 0 8.47	4912	32	24 14 19.4	176	353	9.7	-	6	-	28	9.3	
7423	29 2931	C 7983	1797-8		0 40.13	3543	31	29 4 16.9	132	334	9.5	-	4	-	14	9.1	
7424	26 2942	C 7982	1795		0 40.28	4269	31	26 33 8.4	132	344	9.6	+	17	-	31	9.3	
7425	27 2748	C 7985	1800	31108	0 53.94	4092	31	27 10 57.1	112	341	9.3	+	15	-	13	8.5	F 0
7426	31 2956	L 6040		31130	17 1. 6.98	+2.2793	+0.0032	31 32 8.0	- 5.094	+3.23	9.7	+	24	-	23	7.7	K 2
7427	28 2661	C 7989	1818	31134	1 11.51	3790	31	28 12 51.5	087	337	9.4	-	15	+	5	7.20	K 0
7428	24 3115	B 5837	1810		1 13.32	4899	32	24 15 38.2	085	353	10.9	+	14	+	3	8.9	
7429	28 2662	C 7990		31129	1 14.56	3617	31	28 48 11.7	083	335	10.5	+	18	-	59	8.2	Ma
7430	29 2933	C 7991	1823	31133	1 17.38	3321	31	29 47 54.8	079	331	10.5	+	7	-	42	8.1	
7431	26 2944	C 7992	1822	31131	17 1 24.64	+2.4307	+0.0032	26 23 49.2	- 5.069	+3.44	11.5	+	21	-	24	8.7	
7432	27 2751	C 7993	1824		1 26.90	4052	31	27 17 50.6	066	341	10.9	-	12	-	17	9.4	
7433	27 2752	C 7994	1825		1 29.32	4137	31	26 59 52.7	062	342	11.2	+	16	+	22	8.2	K 2
7434	25 3195	C 7996			1 38.58	4482	32	25 45 56.4	049	347	12.2	+	1	-	22	9.3	
7435	25 3194	C 7997			1 38.85	4504	32	25 41 11.0	049	347	11.9	+	7	-	6	8.8	
7436	28 2665	C 8000		31147	17 1 56.18	+2.3785	+0.0031	28 12 36.4	- 5.024	+3.37	11.5	+	18	+	1	8.8	A 2
7437	26 2946	C 7999		31144	1 57.50	4251	31	26 34 57.1	023	344	10.5	-	16	-	11	8.1	F 5
7438	25 3197	C 8001			2 1.15	4518	31	25 37 42.1	017	348	11.2	-	10	-	0	8.3	K 0
7439	31 2958	L 6044			2 3.88	2904	31	31 8 55.6	013	326	11.7	+	1	+	187	8.8	
7440	29 2935	C 8002	1843	31161	2 7.56	3331	31	29 44 40.4	008	332	11.1	-	1	-	7	7.56	A 2
7441	26 2947	C 8003		31155	17 2 11.36	+2.4250	+0.0031	26 34 53.3	- 5.003	+3.45	11.1	+	10	-	15	8.8	
7442	31 2962	L 6045			2 16.11	2874	31	31 14 32.2	4.996	326	12.3	-	27	-	109	8.7	
7443	26 2948	C 8004	1845-6		2 26.71	4159	31	26 53 46.4	981	343	12.5	+	3	-	21	9.3	
7444	26 2949	C 8005	1847-8		2 30.46	4181	31	26 48 57.4	976	344	12.9	+	10	-	55	9.3	
7445	26 2951	C 8008	1853-4		2 39.33	4188	31	26 47 18.3	964	344	12.5	-	3	-	22	9.3	
7446	26 2950	C 8007	1850	31186	17 2 39.36	+2.4319	+0.0032	26 19 28.3	- 4.964	+3.46	12.3		0	-	3	8.9	
7447	26 2952	C 8009	1855		2 39.75	4230	31	26 38 17.0	963	344	12.0	-	25	-	6	9.1	G 5
7448	25 3199	C 8010			2 41.96	4550	31	25 29 51.9	960	349	11.9	+	12	-	30	9.3	
7449	24 3121	B 5850	1857		2 50.05	4934	31	24 5 29.8	949	355	9.5	+	4	-	14	8.1	Ma
7450	26 2954	C 8013		31180	3 3.53	4387	32	26 4 20.0	929	347	10.9	+	18	+	8	8.8	

7405, 7438. Number of observations 6.

7427. Σ 2120.

7447. Burnham 7871.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s s	s	° ' "	"	"					
7451	30 2929	L 6049	1875	31190	17 3 9.53	+2.3084	+0.0031	30 32 0.9	- 4.921	+328	10.6	+ 23	- 17	8.7	
7452	29 2938	C 8016	1874		3 11.43	3547	31	28 59 16.3	918	335	10.6	+ 17	- 39	8.7	A 3
7453	27 2761	C 8017			3 17.57	4086	31	27 7 42.0	910	342	11.5	+ 33	+ 5	9.2	K 0
7454	28 2670	C 8018	29		3 18.26	3575	31	28 53 26.9	909	335	11.1	- 25	- 45	9.3	
7455	31 2964	L 6051	3	31201	3 27.12	2894	31	31 8 31.6	896	326	10.1	- 8	+ 4	8.3	K 5
7456	25 3201	C 8022	1		17 3 31.98	+2.4675	+0.0031	25 1 21.9	- 4.889	+352	11.9	- 13	- 11	9.1	
7457	31 2965	L 6053	12	31203	3 38.47	2871	31	31 12 44.6	880	326	11.9	+ 1	- 45	8.7	A 3
7458	28 2671	C 8026	20	31213-4	3 54.67	3761	31	28 14 19.2	857	338	9.9	- 35	+ 3	8.1	K 0
7459	26 2959	C 8025	17		3 55.05	4213	31	26 40 3.4	857	344	10.9	- 3	- 29	8.9	
7460	28 2672	C 8027	22	31216	3 57.24	3784	31	28 9 34.2	854	338	10.5	+ 21	- 3	9.3	
7461	24 3124	B 5859	19	31207-8	17 4 2.64	+2.4761	+0.0031	24 41 55.8	- 4.846	+352	12.5	+ 17	+ 55	8.1	A 2
7462	27 2763	C 8029		31222	4 10.40	4044	31	27 15 16.1	835	342	13.1	- 23	+ 28	8.3	F 0
7463	30 2930	L 6056			4 12.77	3159	31	30 15 30.0	832	329	13.3	+ 15	- 8	9.2	
7464	27 2764	C 8031		31228	4 22.63	4053	31	27 13 4.0	818	342	12.9	- 5	+ 2	7.8	F 2
7465	30 2931	L 6058		31234-52	4 25.04	3033	31	30 39 54.3	814	327	13.3	+ 15	- 36	8.8	
7466	29 2942	C 8032			17 4 28.46	+2.3453	+0.0031	29 16 13.8	- 4.809	+334	12.5	- 4	+ 15	8.1	K 2
7467	31 2967	L 6061	46	31248	4 35.05	2829	31	31 19 22.8	800	325	11.7	0	- 19	6.61	K 2
7468	26 2960	C 8034	43-4		4 46.07	4194	31	26 42 50.4	784	344	12.6	+ 13	- 98	9.3	
7469	28 2677	C 8035	48	31249-50	4 47.69	3721	31	28 21 9.9	782	338	12.1	- 22	- 137	6.99	F 2
7470	30 2932	L 6064			4 48.32	3144	31	30 17 27.0	781	330	11.6	+ 11	- 11	8.5	A 0
7471	28 2676	C 8036	49		17 4 48.61	+2.3779	+0.0031	28 9 13.8	- 4.781	+338	12.8	- 6	+ 8	9.3	
7472	24 3127	B 5863	40	31240-2-3-4	4 50.26	4782	31	24 36 11.6	778	353	12.9	- 3*	- 58*	6.82	A 0
7473	28 2678	C 8037	52-3		4 54.95	3584	31	28 49 8.6	772	336	11.7	- 10	- 4	9.3	
7474	29 2946	C 8038			5 16.39	3337	31	29 38 16.8	741	332	8.8	- 7	- 6	9.1	
7475	27 2766	C 8039	60		5 18.61	3897	31	27 44 13.7	738	340	10.0	- 1	- 10	8.9	K 2
7476	24 3131	B 5866	69		17 5 41.43	+2.4804	+0.0031	24 30 17.4	- 4.706	+353	9.5	0	+ 14	9.2	
7477	29 2948	C 8045			6 3.20	3372	31	29 30 1.1	675	334	10.8	- 5	- 22	9.3	
7478	30 2936	L 6077		31281	6 5.98	2972	31	30 49 8.2	671	328	9.3	+ 22	- 5	8.6	A 2
7479	30 2939	L 6078	89	31285	6 14.82	3079	31	30 27 59.8	659	330	10.1	- 10	+ 16	8.1	G 5
7480	30 2938	L 6079	88		6 14.83	3081	31	30 27 35.9	659	330	11.7	- 10	+ 16	9.3	
7481	26 2963	C 8046	84-5	31279-80	17 6 18.69	+2.4225	+0.0031	26 34 3.0	- 4.653	+346	10.3	+ 3	- 4	7.00	K 0
7482	24 3133	B 5871	87		6 26.47	4896	32	24 8 57.2	642	355	11.3	- 20	- 3	8.7	
7483	24 3135	B 5873	95		6 38.10	4873	32	24 13 41.2	626	355	11.7	- 15	+ 4	9.3	
7484	29 2950	C 8048			6 44.15	3513	31	29 0 44.9	617	336	11.9	+ 23	- 38	9.1	
7485	29 2951	C 8049	105		6 55.49	3432	31	29 16 42.3	601	335	11.1	- 1	- 16	8.3	Ma
7486	24 3137	B 5874	101		17 6 55.96	+2.4760	+0.0031	24 38 14.9	- 4.600	+353	10.3	- 161	+ 223	8.3	K 0
7487		C 8050			6 59.79	4552	31	25 23 14.3	595	350	12.7	- 22	+ 16	9.3	
7488	24 3140	B 5878		31298-300	7 19.55	4837	32	24 20 49.6	567	355	10.3	- 12*	+ 14*	6.19	A 3
7489	31 2977	L 6087	125	31317	7 31.10	2816	31	31 17 3.6	550	326	9.1	0	- 13	7.53	K 0
7490	24 3141	B 5879		31308	7 33.40	4832	32	24 21 41.4	547	355	9.7	+ 15	+ 28	7.04	F 2
7491	31 2979	L 6088	129	31321	17 7 45.95	+2.2883	+0.0031	31 3 52.8	- 4.529	+327	9.9	+ 10	+ 84	8.2	G 0
7492	29 2952	C 8056	130	31323	7 50.59	3298	31	29 42 10.4	523	333	9.9	- 7	- 19	8.8	A 2
7493	26 2967	C 8058	139		8 10.15	4167	31	26 43 45.0	495	345	9.5	+ 13	- 19	8.7	K 0
7494	26 2968	C 8059			8 13.57	4285	31	26 18 33.8	490	347	10.3	+ 24	- 27	9.3	
7495	29 2954	C 8064	155	31331	8 24.23	3337	31	29 33 29.5	475	334	11.3	+ 23	- 42	9.3	
7496	25 3212	C 8063	144	31326-7	17 8 25.50	+2.4552	+0.0031	25 21 18.3	- 4.473	+351	9.7	+ 22	+ 60	8.6	G 0
7497	24 3145	C 8065	156		8 35.43	4698	31	24 49 26.6	459	353	11.1	- 20	- 6	9.2	
7498	29 2958	C 8066	161	31333	8 37.22	3313	31	29 38 5.2	456	333	10.3	+ 19	- 1	8.9	
7499	26 2970	C 8067	162-3		8 45.46	4138	31	26 49 2.5	445	345	10.1	- 15	+ 1	9.2	
7500	28 2690	C 8068			8 52.40	3764	31	28 6 25.3	435	340	10.5	+ 2	- 5	9.3	G 5

7457. Σ 2127.

7459, 7470, 7471. Number of observations 6.

7467. Burnham 7883.

7476. Burnham 7889.

7479, 7480. Σ 2131.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.		
												R. A. ".0001.	Dec. ".001.				
7501	28 2692	C 8069			h m s	s	s	° ' "	"	"	11.9	-	1	-	25	9.2	
7502	28 2693	C 8070		31348	9 13.44	3586	31	28 42 16.7	405	337	11.9	-	29	-	37	8.9	
7503	30 2946	C 8071	177		9 15.70	3192	31	30 11 0.5	402	332	11.5	-	7	+	77	8.23	F 5
7504	30 2947	L 6097	179		9 17.96	3134	31	30 12 24.4	399	331	12.8	-	16	-	30	9.3	
7505	30 2949	L 6100			9 25.99	2990	31	30 40 30.7	387	329	12.5	+	31	-	33	9.3	
7506	25 3215	C 8072	175-6	31349-50	17 9 26.61	+2.4619	+0.0031	25 5 31.7	- 4.386	+3.52	11.1	+	13	-	50	7.11	K 5
7507	28 2694	C 8073	191	31359	9 35.29	3779	31	28 2 15.2	374	340	10.8	+	18	+	22	8.2	G 5
7508	26 2973	C 8074	192-3		9 40.48	4332	31	26 6 44.4	367	348	12.8	-	13	-	2	9.3	
7509	28 2695	C 8075	199	31364	9 49.58	3539	31	28 50 54.5	354	337	11.9	+	32	-	38	9.3	F 5
7510	24 3151	B 5906			10 16.00	4914	30	24 0 5.0	316	357	11.5	+	14	-	56	9.7	
7511	26 2976	C 8077	210-1		17 10 17.80	+2.4279	+0.0030	26 17 4.1	- 4.313	+3.48	11.7	+	22	+	27	8.8	G 5
7512	28 2697	C 8078	215	31382	10 23.32	3518	30	28 54 24.7	306	337	12.0	+	24	-	26	8.9	A 5
7513	26 2977	C 8079	214		10 27.00	4093	30	26 55 58.3	300	345	11.3	-	2	-	8	8.7	G 5
7514	26 2978	C 8081	220-1		10 34.34	4250	30	26 22 49.0	290	347	12.9	+	10	-	23	9.3	
7515	31 2983	L 6104	229-30		10 40.23	2851	30	31 5 41.8	281	328	12.2	+	35	-	41	9.3	
7516	29 2963	C 8084		31395	17 10 41.78	+2.3286	+0.0030	29 40 24.5	- 4.279	+3.33	12.1	+	11	-	28	8.7	
7517	26 2979	C 8082	223		10 42.31	4106	30	26 52 59.2	279	345	12.1	-	9	-	39	8.9	
7518	28 2700	C 8083	224		10 42.54	3755	30	28 5 39.0	278	341	11.9	+	13	-	56	9.2	F 5
7519	26 2980	C 8085		31396	10 54.42	4312	30	26 9 19.5	261	348	11.7	+	10	-	34	6.95	K 0
7520	24 3154	B 5908	235	31398	11 4.12	4860	30	24 10 53.7	247	356	11.5	-	39	-	20	8.1	F 0
7521	28 2702	C 8086	239		17 11 8.08	+2.3757	+0.0030	28 4 39.8	- 4.242	+3.38	11.9	+	19	-	29	8.6	F 5
7522	31 2985	L 6107	243-4		11 8.15	2859	30	31 3 26.2	242	325	12.1	-	17	+	38	9.1	
7523	25 3221	C 8087	242	31407-9-10-11	11 20.04	4649	30	24 56 41.1	225	353	12.2	-	18*	-	163*	3.16	A 2
7524	30 2956	L 6109		31423-4	11 45.79	3057	30	30 24 7.2	188	331	8.9	+	1	+	15	8.1	G 5
7525	25 3224	C 8092	250		11 56.62	4616	30	25 3 1.7	173	353	9.9	+	8	-	4	9.7	
7526	29 2971	C 8094	257	31430	17 12 5.38	+2.3308	+0.0030	29 34 20.8	- 4.160	+3.34	9.9	+	6	-	6	8.7	
7527	25 3226	C 8093			12 6.38	4368	30	25 55 57.7	159	349	10.5	+	13	+	42	9.3	
7528	25 3228	C 8096	262	31432-3	12 22.21	4441	30	25 40 6.0	136	350	10.3	+	9	+	18	9.3	G 0
7529	27 2780	C 8098	268	31438	12 23.03	3992	30	27 14 9.3	135	344	9.1	-	59	-	104	6.75	K 0
7530	25 3229	C 8100	280		12 48.85	4478	30	25 31 38.1	098	351	10.7	-	15	-	32	9.3	
7531	27 2782	C 8103			17 12 58.10	+2.3832	+0.0030	27 46 53.3	- 4.085	+3.42	10.9	+	14	+	11	9.1	
7532	28 2708	C 8105	288-9		12 58.81	3619	30	28 30 20.7	084	339	10.3	+	7	-	4	8.6	A 0
7533	26 2990	C 8104		31457	12 59.09	4151	30	26 40 40.7	083	346	10.3	-	29	-	14	9.3	G 5
7534	29 2975	C 8106			13 9.45	3309	30	29 32 18.2	069	334	10.9	+	3	-	34	9.3	
7535	26 2992	C 8109	293	31465	13 24.66	4110	30	26 48 41.0	047	346	10.7	-	4	+	49	8.1	F 5
7536	26 2993	C 8110	294	31466-7	17 13 27.90	+2.4297	+0.0030	26 9 17.0	- 4.042	+3.48	10.9	-	37	-	9	8.7	
7537	26 2994	C 8113	299	31471-3	13 31.48	4349	30	25 58 13.6	037	349	10.5	-	2	+	17	7.06	B 9
7538	24 3159	B 5921	297		13 33.15	4700	30	24 42 53.3	035	354	11.3	-	8	+	2	9.3	
7539	25 3232	C 8115	306	31480-1	13 40.01	4483	30	25 29 32.5	025	351	10.9	-	25	+	12	8.7	F 5
7540	25 3231	C 8114			13 40.13	4586	30	25 7 19.9	025	353	11.1	-	40	-	108	9.2	G
7541	31 2993	L 6125		31501	17 14 2.39	+2.2664	+0.0030	31 36 52.7	- 3.993	+3.26	11.3	-	5	-	21	7.20	B 9
7542	29 2978	C 8117		31498	14 3.33	3463	29	29 0 32.8	992	337	11.0	-	9	-	13	7.07	Ma
7543	29 2979	C 8118			14 10.51	3370	29	29 19 3.9	982	336	11.4	-	50	+	208	8.1	K 2
7544	31 2994	L 6127		31509	14 13.72	2684	30	31 32 38.1	977	326	12.0	-	3	-	3	8.7	
7545	28 2713	C 8120	326	31503	14 16.33	3515	29	28 49 44.9	973	338	11.8	-	12	-	25	8.1	A 2
7546	27 2784	C 8122	324-5		17 14 18.59	+2.4048	+0.0029	27 0 32.9	- 3.970	+3.46	11.6	-	36	+	2	9.1	
7547	29 2981	C 8125		31512	14 24.31	3463	29	29 0 7.5	962	337	9.9	-	24	-	46	7.30	F 0
7548	27 2786	C 8126			14 33.23	3816	29	27 48 10.8	949	343	10.4	-	33	-	34	9.3	
7549	27 2787	C 8127	342-3	31525	14 48.14	4038	29	27 1 54.8	928	346	10.5	-	26	-	35	8.1	K 0
7550	25 3239	C 8128	341	31523-4	14 50.57	4361	29	25 54 1.3	924	350	9.5	+	6	+	51	6.77	K 0

7508, 7512, 7522, 7526, 7530, 7549. Number of observations 6.
7533. Burnham 7935.

7542. Σ 2147.

7512. Burnham 7915.
7545. Burnham 7948.

7523. Σ 3127. Number of observations 20.
7548. Burnham 7949.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".001.	Dec. ".001.		
7551	28 2718	C 8129			h m s	s	s	° ' "	"	"	10.1	+ 1	+ 27	8.3	K o
7552	28 2719	C 8132	361	31545	15 16.71	3483	29	28 54 59.8	887	337	10.2	+ 32*	- 15*	5.78	K o
7553	28 2720	C 8133			15 19.05	3605	29	28 30 13.7	884	339	9.3	- 11	+ 23	8.9	
7554	27 2790	C 8135	375	31562	15 48.43	3933	29	27 22 35.2	842	344	8.7	- 14	- 16	7.06	Ma
7555	28 2722	C 8136	376	31566	15 50.35	3716	29	28 7 5.8	839	340	9.3	+ 1	+ 4	7.02	A o
7556	30 2965	L 6139			17 16 1.42	+2.2983	+0.0030	30 32 44.5	- 3.823	+331	10.5	- 18	+ 32	9.2	
7557	29 2987	C 8141	396		16 2.22	3413	29	29 7 55.9	822	336	11.2	+ 17	- 57	8.9	
7558	28 2723	C 8142	397		16 5.55	3697	29	28 10 34.3	817	341	11.9	+ 47	- 24	9.3	
7559	24 3164	C 8140	391-2		16 5.84	4634	30	24 54 9.3	817	354	11.9	+ 3	- 1	9.3	
7560	25 3245	C 8143	399	31577-9	16 23.56	4405	29	25 42 56.3	791	351	12.1	+ 1	- 16	9.2	
7561	28 2724	C 8144		31584	17 16 25.61	+2.3582	+0.0029	28 33 28.0	- 3.788	+339	10.3	- 3	- 22	8.7	F 8
7562	25 3246	C 8145	403-5	31581-2	16 29.67	4429	29	25 37 43.0	783	351	9.5	+ 14*	- 19*	5.32	A 2
7563	26 3002	C 8146			16 40.53	4236	29	26 18 19.6	767	349	9.5	- 6	- 45	9.3	
7564	26 3003	C 8147			16 52.63	4139	29	26 38 30.5	750	347	9.9	+ 10	- 9	8.9	G 5
7565	27 2792	C 8148	416		17 2.93	3855	29	27 37 7.4	735	343	11.1	- 5	- 77	8.9	G 5
7566	30 2970	L 6149	424		17 17 4.75	+2.3050	+0.0029	30 18 22.1	- 3.732	+332	10.5	+ 16	- 23	8.6	
7567	24 3167	B 5935	418	31602-3-4	17 11.75	4716	30	24 35 18.6	722	356	10.5	- 13*	- 1*	5.12	A o
7568	24 3168	B 5936	427		17 25.18	4706	30	24 37 21.0	703	356	11.3	+ 2	- 17	9.3	
7569	25 3249	C 8151	432-3	31617	17 34.40	4376	29	25 47 47.2	690	351	9.7	- 10	+ 3	8.8	F 5
7570	26 3005	C 8152	436-9	31621	17 41.96	4301	29	26 3 29.9	679	350	11.1	- 15	+ 55	8.3	K o
7571	31 3004	L 6156			17 17 50.21	+2.2723	+0.0030	31 20 41.2	- 3.667	+327	10.5	- 22	+ 22	6.85	F 8
7572	27 2794	C 8153	445		17 51.70	4021	29	27 1 54.5	665	346	11.5	- 91	- 7	9.3	
7573	26 3007	C 8155	450-1	31640	17 58.51	4280	29	26 7 35.1	655	349	12.2	+ 1	- 42	9.1	
7574	28 2728	C 8156		31648-50	17 59.65	3487	29	28 50 44.0	654	338	9.3	+ 3	- 4	6.33	F 8
7575	27 2795	C 8158	455		18 4.23	3945	29	27 17 30.0	647	345	9.9	- 26	- 14	9.3	
7576	31 3005	L 6162			17 18 10.20	+2.2529	+0.0029	31 56 57.3	- 3.639	+325	12.1	+ 16	- 18	9.3	
7577	25 3250	C 8161			18 22.57	4454	29	25 30 16.0	621	352	10.7	- 12	- 27	9.2	F 5
7578	26 3008	C 8162			18 29.16	4296	29	26 3 37.3	611	350	11.6	- 6	- 36	9.4	
7579	26 3009	C 8163	466-7	31660	18 31.52	4264	29	26 10 27.5	608	349	10.7	- 26	- 36	8.8	G o
7580	26 3010	C 8164			18 32.03	4135	29	26 37 22.9	607	347	10.9	- 12	- 20	8.7	A o
7581	25 3252	C 8165	473	31662	17 18 45.57	+2.4602	+0.0029	24 58 9.5	- 3.588	+355	8.9	+ 56	- 179	6.78	F 5
7582	30 2976	L 6168	489	31683	19 2.64	2943	29	30 36 48.8	563	331	9.9	- 3	- 1	8.7	A o
7583	27 2797	C 8167	490	31684	19 14.51	3748	29	27 56 35.8	546	342	10.3	- 42	+ 13	7.9	F 5
7584	29 2999	C 8170		31695	19 27.90	3303	29	29 25 45.3	526	336	10.3	- 1	- 15	9.1	
7585	25 3254	C 8169		31687-8	19 28.41	4355	29	25 50 12.6	526	351	9.1	- 2	+ 1	8.5	F 5
7586	27 2800	C 8173			17 19 44.70	+2.3776	+0.0029	27 50 14.7	- 3.503	+343	11.1	- 10	+ 9	9.3	
7587	28 2731	C 8174	507		19 49.11	3691	29	28 7 36.4	497	342	10.1	+ 46	- 16	9.3	
7588	31 3010	L 6174	517	31720	19 59.26	2804	29	31 2 30.3	482	329	9.5	+ 12	+ 6	8.9	
7589	29 3001	C 8175		31713	20 0.99	3385	29	29 8 50.6	480	337	10.8	+ 24	- 45	9.3	
7590	29 3002	C 8178	521-2	31730	20 28.77	3436	29	28 58 12.6	440	338	9.9	- 10	- 28	9.3	A
7591	31 3017	L 6177	535	31745	17 20 57.54	+2.2732	+0.0029	31 15 4.5	- 3.398	+328	9.6	- 6	+ 15	9.1	G 5
7592	30 2982	L 6182	559		21 27.63	2858	29	30 49 55.5	355	330	8.5	+ 6	- 3	8.7	
7593	26 3016	C 8182	556-7		21 35.86	4126	29	26 36 2.1	343	348	9.2	- 16	+ 16	8.7	F o
7594	25 3260	C 8183			21 40.69	4497	29	25 17 46.6	336	354	10.1	- 34	- 1	9.3	
7595	27 2805	C 8184	566		21 46.93	3800	29	27 43 10.2	327	343	9.7	- 38	- 21	8.7	K 5
7596	28 2737	C 8185			17 21 47.83	+2.3649	+0.0029	28 14 0.3	- 3.326	+341	9.7	- 4	+ 11	8.7	
7597	26 3017	C 8186	568-9	31768-9	21 52.13	4052	29	26 51 19.8	320	346	10.8	+ 11	- 16	8.9	
7598	31 3020	L 6185	578		21 55.79	2739	29	31 12 47.6	315	328	11.5	+ 19	- 8	9.3	
7599	30 2983	L 6186	576		21 57.33	3047	29	30 13 19.9	312	333	10.8	- 1	+ 36	9.1	
7600	28 2738	C 8188			22 6.00	3567	28	28 30 9.2	300	340	11.5	+ 18	+ 31	8.3	

7552, 7573. Number of observations 7.

7567. Burnham 7972.

7569. Burnham 7978.

7579. Burnham 7983.

7585. Burnham 7995.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
7601	27 2808	C 8189	580		17 22 9.89	+2.3897	+0.0028	27 22 59.5	- 3.294	+3.345	11.7	+ 26	- 67	7.7	K 0
7602	27 2809	C 8191	589-91-2	31780-3	22 24.50	4020	28	26 57 22.5	273	347	11.9	- 1	+ 37	6.36	A 5
7603	25 3263	C 8192	588		22 28.64	4554	28	25 4 52.8	267	356	12.5	- 8	- 15	8.9	
7604	29 3011	C 8193			22 30.53	3194	28	29 43 54.1	265	335	12.7	- 8	- 17	9.1	
7605	24 3181	B 5967	543		22 30.56	4796	28	24 12 44.1	265	358	11.5	- 8	- 18	8.7	A 2
7606	24 3182	B 5970	544		17 22 33.65	+2.4808	+0.0028	24 9 59.8	- 3.260	+3.358	11.3	+ 11	+ 21	8.7	A 2
7607	24 3184	B 5972	549		22 36.52	4750	28	24 22 30.5	256	357	11.7	- 2	+ 2	8.7	
7608	29 3012	C 8194		31796	22 44.36	3254	28	29 31 58.6	245	336	11.9	+ 15	- 23	7.61	F 0
7609					22 44.83	3253	28	29 32 2.9	244	336	11.8	+ 15	- 23		
7610	28 2741	C 8195			22 55.45	3480	28	28 46 50.2	229	339	10.3	- 32	- 33	9.1	
7611	27 2813	C 8196	606		17 23 0.37	+2.3915	+0.0028	27 18 25.2	- 3.222	+3.346	11.0	+ 15	+ 26	7.8	A 5
7612	30 2984	L 6193	615		23 1.41	2837	28	30 52 51.7	220	331	11.8	+ 17	- 14	8.3	
7613	28 2742	C 8197			23 8.99	3442	28	28 54 9.8	209	338	12.1	- 15	+ 22	9.3	
7614	26 3018	C 8198	616		23 12.48	4148	28	26 29 51.0	204	349	12.1	+ 1	+ 33	9.3	
7615	26 3020	C 8199	617-8		23 13.89	4027	28	26 55 1.7	202	347	12.5	+ 15	- 20	9.3	
7616	31 3027	L 6200	629	31822-3	17 23 20.79	+2.2750	+0.0029	31 9 5.2	- 3.192	+3.329	11.3	- 230	+ 89	8.1	
7617	31 3026	L 6199		31819-20	23 21.48	2704	29	31 17 54.1	191	328	11.0, 10.3	+ 22	- 134	7.04	F 8
7618	30 2987	L 6203			23 41.55	2815	28	30 56 18.1	162	330	11.8	- 11	- 13	9.1	
7619	29 3016	C 8204			23 47.19	3137	28	29 53 44.6	154	334	12.1	+ 7	- 10	8.9	
7620	28 2745	C 8203			23 48.43	3513	28	28 39 17.5	153	339	11.5	- 20	- 55	8.3	K 2
7621	31 3029	L 6205	641		17 23 50.47	+2.2611	+0.0029	31 34 51.8	- 3.150	+3.327	12.1	- 13	- 43	9.1	
7622	30 2990	L 6208		31848	23 57.16	3049	28	30 10 53.6	140	333	11.7	+ 24	- 43	8.9	
7623	31 3031	L 6209	643		23 58.58	2625	29	31 32 13.6	138	327	11.9	+ 3	- 30	9.3	
7624	26 3023	C 8207	638	31842-5	23 58.79	4039	28	26 51 46.2	138	348	11.1	+ 53	+ 280	8.0	G 5
7625	27 2817	C 8208	639	31843	23 59.19	3973	28	27 5 28.1	137	347	11.1	+ 2	+ 372	8.6	G
7626	30 2993	L 6212			17 24 19.31	+2.2958	+0.0028	30 28 9.1	- 3.108	+3.332	9.9	+ 23	+ 20	8.9	F 5
7627	27 2819	C 8212			24 28.86	3780	28	27 44 32.2	094	344	8.7	- 34	+ 35	8.5	K 0
7628	24 3188	B 5989	649		24 31.55	4806	28	24 8 35.9	090	358	9.9	- 1	+ 2	8.9	F 5
7629	28 2748	C 8213			24 35.46	3541	28	28 32 51.9	085	340	10.7	+ 16	- 28	9.3	
7630	29 3018	C 8214	659		24 39.30	3318	28	29 17 23.3	079	337	10.7	+ 27	- 13	9.2	F 2
7631	29 3020	C 8216	662		17 24 41.02	+2.3191	+0.0028	29 42 23.4	- 3.077	+3.335	10.9	+ 21	- 30	9.3	
7632	26 3026	C 8217			24 47.26	4261	28	26 4 43.2	068	351	10.5	- 1	+ 30	8.8	
7633	30 2997	L 6215		31876	24 54.20	3004	28	30 19 4.1	058	333	9.3	- 4	- 1	8.2	A 0
7634	29 3025	C 8219	666	31875	24 54.86	3127	28	29 54 37.5	057	334	10.3	+ 28	- 13	8.41	A 0
7635	28 2749	C 8218			24 55.19	3585	28	28 23 48.6	056	341	11.1	- 41	+ 28	8.9	G 5
7636	29 3026	C 8222	673	31880	17 25 2.47	+2.3127	+0.0028	29 54 36.0	- 3.046	+3.334	10.9	+ 45	- 1	8.71	F 8
7637	26 3027	C 8223	670-1-2	31878	25 9.50	4052	28	26 48 0.1	036	348	9.3	+ 7	- 143	8.2	G 0
7638	26 3028	C 8225		31882	25 16.82	4203	28	26 16 34.0	025	350	10.5	- 16	- 16	8.7	G
7639	29 3027	C 8229			25 33.97	3369	28	29 6 20.2	001	338	11.1	- 2	- 15	9.1	G 5
7640	31 3040	L 6219	698-9	31909	25 38.49	2556	29	31 43 23.5	2.994	327	11.5	+ 12	- 20	8.7	A 3
7641	27 2822	C 8230		31896	17 25 40.61	+2.3713	+0.0028	27 57 7.1	- 2.991	+3.343	9.6	- 23	+ 29	8.0	A 2
7642	28 2757	C 8231			25 42.38	3434	28	28 53 7.3	988	339	11.5	+ 5	- 11	8.6	A 0
7643	24 3191	B 5996	692		25 43.78	4838	28	24 0 38.9	986	359	11.8	- 9	- 9	9.7	
7644	29 3028	C 8233			25 47.70	3256	28	29 28 17.0	981	336	11.5	- 26	- 43	9.3	A 3
7645	29 3029	C 8236			25 51.88	3257	28	29 28 9.4	975	336	12.0	- 25	- 295	9.4	
7646	24 3192	B 5999	697		17 25 55.66	+2.4638	+0.0028	24 43 37.7	- 2.969	+3.356	11.9	- 15	+ 9	9.1	
7647	25 3274	C 8234	700-1-2		25 56.02	4554	28	25 1 45.5	969	355	10.9	- 15	- 14	8.9	
7648	24 3193	C 8235			25 56.27	4584	28	24 55 23.3	968	355	12.7	- 1	+ 25	9.2	
7649	27 2824	C 8238	704	31914	26 1.30	3820	28	27 35 1.3	961	345	11.9	+ 28	+ 3	8.5	F 8
7650	25 3275	C 8240	707-8		26 16.26	4523	28	25 7 59.7	940	355	12.5	- 13	+ 9	8.9	

7602. Burnham 8013.

7626. Burnham 8030.

7608-b. Σ 2165, magnitudes 7.0 and 8.5.

7645. Burnham 8044.

7609. Number of observations 3.

Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
					h m s	s	.s	° ' "	"	"					
7651	29 3030	C 8241			17 26 21.88	+2.3335	+0.0028	29 12 20.0	- 2.931	+0.338	12.7	+ 33	- 11	9.3	
7652	30 3006	L 6232	729		26 36.05	2803	28	30 55 30.5	911	330	10.1	+ 29	- 5	8.7	
7653	29 3033	C 8244	734	31940	26 45.57	3220	28	29 34 32.7	897	337	9.1	- 3	+ 6	8.01	K 0
7654	26 3033	C 8245	731		26 50.37	4265	28	26 2 1.4	890	351	10.5	- 1	- 4	9.4	
7655	24 3197	B 6006	733		26 56.55	4806	28	24 6 35.7	881	360	9.7	- 39	- 22	8.1	K 5
7656	26 3034	C 8247	736	31950	17 27 6.05	+2.4223	+0.0028	26 10 40.9	- 2.868	+0.351	12.5	+ 11*	+ 14*	4.48	K 0
7657	31 3047	L 6235	756-7	31970	27 30.88	2705	28	31 13 29.3	832	329	10.1	+ 6*	+ 4*	5.82	K 0
7658	28 2766	C 8252	755		27 38.58	3629	28	28 12 12.8	821	343	10.1	+ 34	- 46	8.6	K 0
7659	26 3035	C 8253	752-4		27 42.47	4239	28	26 6 52.5	815	350	9.3	- 4	- 2	9.3	
7660	29 3036	C 8256		31981	28 8.25	3230	28	29 31 16.4	778	337	9.9	+ 10	- 29	8.7	K 5
7661	30 3013	L 6238	780		17 28 15.78	+2.2963	+0.0028	30 23 10.9	- 2.767	+0.333	10.2	- 5	- 131	7.11	K 0
7662	28 2767	C 8260	778	31985-6	28 17.47	3546	28	28 28 19.8	765	341	9.9	+ 7*	+ 24*	5.58	A 0
7663	31 3050	L 6239	785		28 19.71	2745	28	31 5 7.6	761	330	10.3	- 21	+ 12	9.3	
7664	26 3038	C 8264	793	31999	28 47.79	4123	28	26 30 9.4	721	349	9.3	- 8	+ 32	6.85	A 5
7665	25 3283	C 8265		31998	28 49.75	4327	28	25 47 26.7	718	353	9.1	+ 1	+ 38	8.3	A 2
7666	28 2771	C 8267	802	32009	17 28 51.88	+2.3425	+0.0028	28 52 6.1	- 2.715	+0.339	10.5	+ 20	+ 19	8.1	F 2
7667	25 3284	C 8266	794	32000	28 54.04	4374	28	25 37 29.3	712	354	10.3	+ 21	+ 11	8.9	
7668	26 3039	C 8270	821		29 22.87	4030	28	26 48 56.2	670	348	10.6	+ 39	- 68	9.4	
7669	28 2776	C 8272	829-30	32034	29 32.15	3435	28	28 49 31.0	657	340	10.3	- 14	- 15	8.6	F 0
7670	25 3290	C 8276	840-1		29 56.95	4533	28	25 2 59.8	621	356	9.5	+ 24	- 23	9.4	
7671	26 3043	C 8283		32052-4	17 30 19.83	+2.4050	+0.0027	26 43 56.3	- 2.588	+0.350	10.3	- 2	- 8	8.7	K 0
7672	29 3049	C 8286	871	32060	30 27.89	3388	27	28 58 9.5	576	339	10.7	+ 5	+ 25	8.2	F 5
7673	25 3296	C 8285	863-4	32056-8	30 28.31	4417	27	25 27 7.5	576	354	10.1	+ 18	+ 73	8.3	
7674	29 3050	C 8287		32061	30 29.10	3331	27	29 9 24.7	574	338	10.5	- 38	+ 12	8.1	F 5
7675	27 2841	C 8289	878		30 47.77	3917	27	27 11 6.7	548	347	10.5	+ 6	- 51	9.3	
7676	29 3054	C 8291		32077	17 30 53.37	+2.3126	+0.0027	29 49 22.4	- 2.539	+0.336	9.5	0	- 9	7.71	Ma
7677	28 2779	C 8293	885	32078	31 0.37	3596	27	28 16 4.3	529	342	9.6	- 16	- 9	7.9	A 0
7678	26 3045	C 8294			31 2.93	4130	27	26 26 50.7	525	351	9.7	- 32	- 8	9.3	
7679	28 2780	C 8295	886		31 4.65	3661	27	28 2 55.1	523	343	10.4	- 4	+ 8	9.1	
7680	24 3210	B 6033			31 24.24	4666	27	24 33 24.1	495	358	10.3	+ 42	- 29	9.3	
7681	24 3212	B 6036	892		17 31 28.16	+2.4708	+0.0027	24 24 29.1	- 2.489	+0.358	9.0	+ 4	- 52	7.40	K 5
7682	25 3301	C 8300	896	32094-5	31 35.71	4336	27	25 43 20.6	478	353	9.7	+ 5	- 47	9.1	
7683	27 2846	C 8304	927		32 25.29	3801	27	27 33 35.6	406	346	9.9	+ 20	- 10	9.3	
7684	26 3048	C 8303		3212-6	32 25.55	4249	27	26 1 1.7	406	352	10.1	+ 9	0	9.3	
7685	28 2787	C 8307	942	32133	32 35.56	3598	27	28 14 25.0	392	343	10.2	- 11	+ 11	6.48	K 5
7686	25 3308	C 8309	945	32136-7	17 32 45.38	+2.4347	+0.0027	25 40 19.3	- 2.377	+0.353	8.3	0	- 27	7.27	K 0
7687	27 2849	C 8311	955		32 47.27	3780	27	27 37 26.3	375	345	9.3	+ 9	- 70	6.57	Ma
7688		C 8310			32 47.62	4368	27	25 35 52.7	374	354	11.9	+ 13	- 1	9.3	
7689	29 3061	C 8313			32 50.74	3136	27	29 45 49.6	369	336	9.9	+ 5	+ 10	9.1	
7690	26 3051	C 8316	965	32162	33 10.13	4084	27	26 34 51.8	342	350	10.1	- 16	+ 22	9.1	G 0
7691	30 3033	L 6273	975	32173-4	17 33 11.21	+2.2800	+0.0027	30 50 24.6	- 2.340	+0.331	10.1	+ 4	- 13	5.76	A 2
7692	24 3215	B 6044		32160	33 16.52	4652	27	24 35 11.8	332	358	10.3	- 17	+ 17	8.3	
7693	29 3062	C 8317	981		33 17.94	3280	27	29 17 18.5	330	338	10.9	+ 6	- 13	9.3	
7694	24 3216	B 6046	969	32166	33 22.42	4705	27	24 23 45.7	324	358	11.4	+ 21	- 15	8.8	
7695	29 3064	C 8320		32184	33 30.51	3081	27	29 56 8.6	312	335	10.7	+ 25	- 18	8.11	A 0
7696	27 2852	C 8319			17 33 30.69	+2.3733	+0.0027	27 46 32.0	- 2.312	+0.345	11.1	+ 9	+ 32	9.3	
7697	31 3057	L 6276	993		33 30.87	2492	27	31 48 20.9	311	327	10.9	+ 13	- 12	8.9	
7698	31 3058	L 6277	997		33 39.26	2577	27	31 32 22.2	299	328	10.7	- 3	+ 8	9.3	
7699	24 3217	B 6052	988		33 45.10	4806	27	24 1 45.6	291	360	11.2	0	- 20	9.1	
7700	31 3060	L 6278	1002		33 48.12	2577	27	31 32 11.9	286	328	11.4	- 10	- 16	9.3	

7656. Number of observations 25.
7666. Burnham 8061.

7661. Σ 2181.

* 7663, 7679. Number of observations 4.
7666, 7685. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0	Precession.	Sec. Var.	Dec. 1910.0	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
7701	24 3218	B 6054	991-2	32186	17 33 48.63	+2.4713	+0.0027	24 21 46.7	- 2.286	+359	9.1	- 17*	- 3*	5.67	A 0
7702	31 3062	L 6280	1006	32201	33 54.91	2670	27	31 14 35.5	277	329	8.5	+ 8	+ 51	8.8	G 5
7703	31 3064	L 6287			34 17.93	2714	27	31 5 58.4	243	330	9.5	+ 27	+ 2	9.3	
7704	31 3065	L 6289	1037	32222	34 41.56	2725	27	31 3 39.5	209	330	9.3	- 8	- 5	8.9	
7705	25 3313	C 8329	1031	32216-7	34 46.34	4370	26	25 34 6.5	202	354	9.3	- 11	- 27	8.3	K 0
7706	27 2856	C 8330			17 34 50.90	+2.3769	+0.0026	27 38 22.3	- 2.196	+345	9.8	- 17	+ 1	9.3	A 3
7707	30 3037	L 6291	1047	32240	35 4.49	2973	26	30 15 45.3	176	335	10.5	- 1	- 25	8.7	A 2
7708	26 3053	C 8331	1043		35 6.47	4079	26	26 34 38.5	173	350	10.4	+ 20	+ 5	8.7	A 2
7709	25 3314	C 8332	1044	32230-2	35 9.67	4429	26	25 21 24.9	168	355	11.3	+ 11	- 31	9.3	
7710	29 3074	C 8333			35 16.07	3363	26	28 59 31.3	159	340	11.3	+ 20	- 65	9.2	G 5
7711	27 2858	C 8336	1056	32243	17 35 29.76	+2.3924	+0.0026	27 6 10.5	- 2.139	+348	10.5	- 22	- 109	7.34	F 5
7712	26 3054	C 8338	1058-9	32247	35 36.23	4010	26	26 48 30.6	130	349	10.7	+ 21	- 91	8.2	G 0
7713	25 3315	C 8339	1057	32244-5	35 38.47	4426	26	25 21 41.6	127	355	10.6	+ 7	- 7	8.7	
7714	31 3071	L 6300		32269	35 47.64	2441	27	31 56 8.6	113	326	10.5	- 28	- 36	7.8	K 5
7715	30 3039	L 6299	1082	32267	35 49.19	2958	26	30 18 12.1	111	335	9.5	+ 1	- 81	7.11	F 2
7716		C 8343			17 35 54.63	+2.4418	+0.0026	25 23 13.8	- 2.103	+354	12.9			9.3	
7717	25 3316	C 8344	1075	32261	35 56.82	4517	26	25 2 18.0	100	356	10.9	- 19	- 25	8.9	
7718	24 3223	B 6075	1076	32260	35 58.71	4678	26	24 27 46.9	097	358	10.1	- 11	- 54	8.2	A 0
7719	29 3076	C 8346		32279	36 14.38	3208	26	29 29 15.7	075	337	10.3	+ 48	+ 7	9.3	
7720	30 3040	L 6308	1106-8	32295	36 24.57	2784	27	30 51 8.2	060	331	9.9	+ 7	- 45	8.9	K 5
7721	29 3078	C 8348			17 36 25.59	+2.3081	+0.0026	29 53 59.7	- 2.058	+335	10.7	+ 13	+ 29	9.2	
7722	25 3319	C 8349	1101-2-3-4	32289	36 31.54	4489	26	25 7 46.2	050	355	10.3	+ 29	- 25	8.9	
7723	31 3075	L 6309	1117	32300	36 33.52	2658	27	31 14 59.1	047	330	11.1	- 3	+ 12	6.30	Ma
7724	29 3079	C 8350		32296	36 34.21	3269	26	29 17 9.6	046	339	10.7	+ 24	- 97	7.46	K 0
7725	28 2800	C 8351	1120		36 55.83	3578	26	28 15 30.6	014	343	9.5	+ 14	- 5	9.3	G 5
7726	25 3322	C 8352		32304	17 36 58.84	+2.4410	+0.0026	25 24 9.6	- 2.010	+354	10.5	+ 4	- 11	8.9	
7727	31 3076	L 6314	1150	32328	37 17.80	2628	27	31 20 7.0	1.983	329	11.0	- 30	- 82	6.43	K 0
7728	29 3082	C 8358		32327	37 23.15	3136	26	29 42 37.1	975	336	10.3	+ 20	- 20	8.5	K 2
7729	24 3225	B 6082	1137-8	32323	37 23.62	4648	26	24 33 26.4	974	358	9.5	- 13*	+ 49*	6.46	K 0
7730	26 3060	C 8357			37 23.96	4242	26	25 59 19.7	974	352	11.5	+ 20	- 38	9.3	
7731	31 3077	L 6316	1154	32334	17 37 26.18	+2.2631	+0.0027	31 19 29.6	- 1.970	+329	10.6	- 5	+ 1	8.5	A 0
7732	24 3226	B 6083			37 27.48	4660	26	24 30 50.7	969	359	10.7	- 16	- 6	9.3	
7733	25 3324	C 8359	1147-8-9		37 31.73	4469	26	25 11 28.3	962	355	9.7	+ 10	- 11	9.3	
7734	27 2866	C 8364	1167		37 55.60	3726	26	27 45 5.2	928	345	10.1	+ 13	+ 28	9.3	
7735	24 3228	B 6087	1165-6	32341	38 1.44	4630	25	24 37 2.0	919	359	11.7	- 6	- 52	7.41	K 0
7736	27 2867	C 8365	1172		17 38 2.23	+2.3935	+0.0025	27 2 23.0	- 1.918	+348	12.3	- 13	- 41	9.3	
7737	27 2868	C 8366	1175		38 3.26	3678	25	27 54 43.7	917	344	11.9	- 8	- 10	9.1	F 0
7738	28 2803	C 8367			38 3.39	3575	26	28 15 27.4	917	343	10.7	- 20	- 21	8.0	K 0
7739	29 3087	C 8372		32362	38 8.92	3154	26	29 38 36.6	908	336	11.5	+ 14	- 61	8.2	K 0
7740	31 3079	L 6319	1191-2		38 15.07	2520	26	31 39 52.0	899	328	11.9	0	- 128	8.9	G 5
7741	27 2870	C 8374	1194	32366	17 38 27.76	+2.3743	+0.0025	27 41 14.7	- 1.881	+345	11.1	+ 9	+ 45	6.52	A 3
7742	25 3327	C 8373	1189-90	32364	38 29.17	4388	25	25 28 5.4	879	355	11.2	- 3	- 8	8.3	A 2
7743	31 3081	L 6321	1198-9		38 30.96	2513	26	31 40 58.5	876	328	11.9	+ 12	- 17	8.9	K 2
7744	24 3229	B 6099		32367	38 38.77	4664	25	24 29 15.5	865	360	11.5	+ 30	+ 20	9.3	
7745	24 3231	B 6100	1196	32370	38 46.96	4630	25	24 36 32.5	853	359	10.6	- 46*	- 115*	5.59	K 5
7746	26 3065	C 8376			17 38 47.94	+2.4227	+0.0025	26 1 33.9	- 1.852	+353	9.9	+ 12	- 8	9.3	
7747	25 3328	C 8377	1205	32376	38 50.43	4280	25	25 50 33.7	848	354	9.9	+ 13	+ 10	7.9	K 2
7748	26 3066	C 8380	1210	32386	39 1.47	4063	25	26 35 36.5	832	351	11.3	+ 24	- 7	8.0	K 0
7749	29 3091	C 8383	1217	32394	39 7.85	3207	26	29 27 38.5	823	338	10.3	- 13	- 27	6.55	A 5
7750	24 3233	B 6101	1221		39 24.71	4692	25	24 22 57.9	798	360	11.3	+ 6	- 20	9.2	

7713, 7726, 7727, 7731. Number of observations 6.

7724. Σ 2192.

7727. Burnham 8115.

7729. Σ 2194.

7748. Σ 2198.

No.	B.D.	A.G.C.	W B. (z).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
7751	24 3235	C 8387		32400	17 39 29.70	+2.4567	+0.0025	24 49 40.6	- 1.791	+0.358	9.5	- 60	- 8	7.86	G 5
7752	29 3095	C 8390	1230	32415	39 32.88	3134	26	29 41 38.6	787	337	10.8	+ 34	- 57	7.41	M b
7753	30 3045	L 6328		32416	39 33.21	2916	26	30 23 52.2	786	333	10.1	- 16	+ 14	8.8	A 0
7754	24 3237	B 6107	1229	32407	39 39.93	4696	25	24 21 58.9	776	360	10.7	- 84*	+ 64*	5.72	G 0
7755	27 2877	C 8392	1238-9	32419	39 51.84	3923	25	27 3 47.2	759	349	8.7	- 1	- 24	8.0	K 2
7756	30 3047	L 6330	1247		17 40 3.85	+2.2753	+0.0026	30 54 48.1	- 1.742	+0.331	10.1	- 13	+ 8	9.3	
7757	28 2811	C 8393			40 4.92	3434	26	28 42 22.5	740	341	10.7	+ 37	- 19	9.2	
7758	24 3240	B 6111	1243		40 10.83	4765	25	24 6 59.8	732	361	10.2	- 1	- 26	9.3	
7759	24 3241	B 6112	1244		40 11.51	4591	25	24 44 4.6	730	358	11.5	+ 35	+ 13	9.4	
7760	29 3099	C 8394			40 12.94	3268	26	29 15 10.1	729	339	11.1	- 9	- 15	9.3	
7761	28 2814	C 8395	1256		17 40 35.36	+2.3354	+0.0026	28 58 1.3	- 1.696	+0.340	10.3	+ 22	+ 11	9.3	
7762	25 3333	C 8399		32452	41 3.63	4502	25	25 2 34.5	655	357	10.0	- 15	- 23	8.9	
7763	31 3085	L 6337		32463	41 5.27	2500	26	31 41 51.8	652	328	8.9	+ 28	+ 49	8.2	F 8
7764	31 3086	L 6338	1268-9		41 6.01	2695	26	31 5 16.4	651	331	10.7	- 11	- 21	9.1	
7765	29 3102	C 8400			41 9.35	3159	26	29 35 55.5	646	337	10.9	- 60	- 89	9.3	
7766	27 2881	C 8402		32462	17 41 16.43	+2.3795	+0.0025	27 29 9.6	- 1.636	+0.347	11.9	+ 18	- 56	9.1	K 0
7767	28 2816	C 8403	1276		41 25.38	3629	26	28 2 36.6	623	344	11.7	+ 23	- 59	8.9	
7768	31 3087	L 6340	1285		41 26.66	2668	26	31 10 10.2	621	330	10.5	- 9	0	7.52	F 8
7769					41 26.84	2668	26	31 10 5.9	621	330	9.9	- 9	0		
7770	25 3335	C 8405			41 37.48	4465	25	25 10 8.5	606	356	12.3	+ 41	- 11	9.3	
7771	24 3249	B 6119	1280-2		17 41 40.65	+2.4582	+0.0025	24 45 16.2	- 1.601	+0.358	11.7	- 1	- 37	9.3	
7772	27 2883	C 8407			41 41.31	3919	25	27 3 38.9	600	349	12.7	+ 31	- 76	9.3	
7773	27 2884	C 8408	1288		41 44.97	3682	25	27 51 36.1	595	345	12.5	- 9	- 33	9.2	
7774	30 3051	L 6342	1287		41 45.53	2811	26	30 42 47.1	594	332	12.5	+ 26	- 13	9.3	
7775	31 3089	L 6343			41 51.37	2464	26	31 48 10.6	585	327	12.7	- 3	- 23	9.3	
7776	28 2820	C 8409			17 41 52.68	+2.3459	+0.0026	28 36 28.2	- 1.583	+0.342	12.7	- 5	+ 5	9.2	
7777	30 3052	L 6344	1291		41 55.80	2850	26	30 35 8.0	579	333	11.3	- 5	+ 5	8.3	K 0
7778	28 2822	C 8412			42 10.78	3559	25	28 16 28.1	557	343	11.3	+ 12	- 24	8.5	K 5
7779	30 3054	L 6345	1299		42 11.11	2857	25	30 33 50.1	557	333	12.0	+ 8	0	8.9	G 5
7780	28 2823	C 8413			42 15.93	3462	25	28 35 43.5	550	342	11.5	+ 18	- 10	9.1	A 2
7781	31 3090	L 6346	1304	32505	17 42 17.08	+2.2547	+0.0025	31 32 23.7	- 1.548	+0.328	10.5	- 5	+ 3	6.25	B 9
7782	28 2824	C 8414			42 27.42	3571	25	28 13 50.2	533	343	11.6	- 19	- 23	8.7	A 3
7783	25 3340	C 8415	1306		42 40.94	4372	25	25 29 23.4	513	355	10.5	+ 24	- 19	9.1	
7784	28 2827	C 8417			42 54.34	3575	25	28 12 47.6	494	343	12.3	- 25	- 50	9.2	
7785	27 2887	C 8416	1318		42 55.29	3852	25	27 16 44.5	492	347	12.3	- 2	- 11	9.3	
7786	27 2888	C 8419	1324	32519-20-1	17 42 56.15	+2.3707	+0.0024	27 46 21.9	- 1.491	+0.345	10.0, 10.5	- 244*	- 750*	3.48	G 5
7787	26 3075	C 8418			42 56.95	4179	25	26 9 36.0	490	352	12.1	- 3	+ 9	9.3	
7788	24 3252	C 8420	1321		43 2.10	4542	25	24 53 19.4	483	357	12.1	- 1	- 15	9.2	
7789	26 3076	C 8423			43 2.15	4169	25	26 11 30.0	483	352	13.1	+ 8	- 25	9.1	F 2
7790	25 3344	C 8422	1323	32518	43 2.18	4287	25	25 47 0.1	482	354	11.6	- 5	- 54	6.87	A 0
7791	25 3342	C 8421	1322		17 43 2.24	+2.4438	+0.0025	25 15 16.3	- 1.482	+0.356	12.3	- 32	- 64	9.3	
7792	28 2829	C 8424			43 9.45	3634	25	28 0 57.9	472	344	12.1	- 17	- 9	8.9	
7793	24 3253	B 6129	1328	32523	43 12.68	4688	25	24 22 8.1	467	360	11.9	+ 2	+ 22	8.7	
7794	28 2830	C 8425		32542	43 21.01	3600	25	28 7 36.9	455	343	12.4	+ 17	+ 8	8.1	A 0
7795	29 3108	C 8426	1338		43 24.79	3202	25	29 26 27.6	450	339	13.0	- 2	+ 4	8.3	F 0
7796	29 3109	C 8427	1340		17 43 25.00	+2.3146	+0.0025	29 37 20.4	- 1.449	+0.338	12.7	- 18	- 44	9.3	
7797	29 3111	C 8430	1347		43 42.06	3219	25	29 22 57.1	424	339	11.7	+ 13	+ 3	9.3	
7798	24 3254	B 6132	1344	32548	43 42.60	4712	25	24 16 38.8	424	360	11.7	- 6	- 4	7.66	K 5
7799	28 2831	C 8431		32556	43 43.36	3354	25	28 56 30.6	423	340	10.8	- 12	- 30	7.36	A 0
7800	24 3255	C 8434	1352-3		44 4.45	4542	25	24 52 54.1	392	357	10.5	- 14	+ 10	8.9	

7751. Burnham 8133.
7768-9. Σ 2213, magnitudes 8.0 and 7.5.

7755. Number of observations 4.
7779. Burnham 8158. 7782. Number of observations 9.

7762. Number of observations 6.
7786. Burnham 8162. Number of observations 76.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
7801	25 3348	C 8436	1359-60		17 44 13.11	+2.4377	+0.0025	25 27 35.5	- 1.379	+0.355	11.1	- 31	- 34	9.2	
7802	29 3116	C 8440	1364		44 14.77	3225	25	29 21 37.7	377	339	11.0	+ 13	- 28	8.9	
7803	28 2835	C 8439		32571-2	44 15.36	3399	25	28 47 19.4	376	341	11.3	+ 41	- 29	8.3	Mb
7804	26 3081	C 8438			44 15.41	3935	25	26 59 24.9	376	349	11.5	+ 39	+ 59	9.3	
7805	28 2837	C 8442		32576-7	44 19.41	3434	25	28 40 18.0	370	341	11.1	- 15	- 17	8.7	K o
7806	30 3061	L 6354			17 44 22.57	+2.2908	+0.0025	30 23 1.5	- 1.366	+0.334	9.9	- 7	- 23	7.91	Ma
7807	30 3062	L 6355			44 29.77	2793	25	30 45 0.8	355	332	9.9	- 11	+ 25	9.1	
7808	29 3117	C 8446	1377		44 33.34	3242	25	29 18 2.0	350	339	11.3	- 35	- 50	9.3	
7809	27 2892	C 8447			44 46.07	3902	25	27 5 53.1	331	348	9.1	- 18	+ 3	8.7	F 5
7810	29 3120	C 8450	1393	32608	45 4.62	3272	25	29 11 54.5	304	339	9.5	- 12	- 54	9.1	K o
7811	25 3353	C 8451	1390-1	32603	17 45 10.18	+2.4320	+0.0024	25 39 8.3	- 1.296	+0.355	11.7	- 8*	- 45*	5.34	K o
7812	29 3121	C 8452	1395		45 13.76	3266	25	29 12 58.9	291	339	10.5	+ 31	- 40	9.3	F 8
7813	29 3122	C 8454	1399-400	32623	45 27.17	3280	25	29 10 17.7	272	339	10.1	+ 40	- 24	9.1	A o
7814	24 3263	B 6147		32617	45 36.73	4730	24	24 12 12.7	258	360	9.3	- 4	+ 23	8.5	A 2
7815	26 3087	C 8458	1417-43		46 18.20	4157	24	26 12 45.6	197	352	10.1	+ 5	- 4	8.8	
7816	24 3264	B 6157		32643	17 46 19.29	+2.4647	+0.0024	24 29 38.0	- 1.196	+0.359	9.7	- 7	- 20	7.01	A o
7817	31 3100	L 6364	1425	32673	46 28.18	2689	25	31 3 48.5	183	331	9.1	+ 8	- 19	7.8	F o
7818	28 2844	C 8459			46 28.87	3488	25	28 28 40.5	182	342	10.1	+ 29	- 27	9.3	
7819	25 3357	C 8460		32661	46 35.06	4414	24	25 18 57.4	173	356	9.9	- 3	- 7	6.57	A 2
7820					46 35.19	4415	24	25 18 52.7	173	356	6.6	- 3	- 7		
7821	29 3123	C 8463	1431-2	32677	17 46 40.24	+2.3273	+0.0024	29 11 7.8	- 1.165	+0.339	10.2	+ 6	- 42	9.3	
7822	31 3102	L 6369			46 42.80	2543	25	31 31 8.7	162	329	10.5	+ 56	+ 42	9.3	
7823	25 3358	C 8461	1424		46 42.99	4474	24	25 6 21.5	161	357	10.7	+ 7	+ 10	9.3	
7824	28 2845	C 8464		32678	46 44.14	3554	25	28 15 29.9	160	343	9.9	+ 2	- 67	8.3	F 8
7825	29 3126	C 8466	1438	32688	46 53.54	3223	24	29 20 45.2	146	339	9.8	+ 21*	+ 40*	5.61	K o
7826	27 2897	C 8467			17 46 57.48	+2.3645	+0.0024	27 57 11.0	- 1.140	+0.344	10.1	- 7	- 8	8.6	
7827	26 3091	C 8468	1439		47 8.74	4075	24	26 29 23.5	124	351	11.3	+ 27	- 5	9.3	
7828	27 2898	C 8472			47 26.49	3696	24	27 46 50.1	098	345	12.3	+ 22	+ 23	9.3	
7829	30 3068	C 8474			47 26.56	2984	25	30 7 10.7	098	335	10.9	+ 10	- 26	8.16	Ma
7830	30 3069	C 8477			47 30.05	3015	25	30 1 9.9	093	336	10.4	- 18	+ 15	6.68	A 2
7831	27 2900	C 8476		32702	17 47 32.21	+2.3862	+0.0024	27 12 57.1	- 1.090	+0.348	11.7	+ 29	- 42	8.8	
7832	26 3096	C 8475	1448		47 32.31	4141	24	26 15 39.4	089	352	11.5	- 5	- 23	9.4	
7833	27 2901	C 8478	1449-50	32703	47 33.78	3899	24	27 5 29.7	087	348	11.3	+ 17	+ 3	8.3	A 3
7834	30 3071	C 8480			47 37.14	2940	25	30 15 26.7	082	335	11.1	- 7	- 72	8.5	F 5
7835	28 2849	C 8481	1457		47 41.76	3528	24	28 20 15.4	076	343	11.7	+ 31	- 9	9.3	
7836	24 3270	B 6164	1458		17 47 51.20	+2.4587	+0.0024	24 41 57.0	- 1.062	+0.358	11.8	- 32	0	8.7	
7837	31 3106	L 6379	1465		47 55.13	2634	25	31 13 38.2	056	330	12.5	- 3	- 9	9.3	
7838	25 3360	C 8482	1463		47 59.67	4468	24	25 7 7.2	050	357	11.3	- 13	- 3	9.2	
7839	28 2852	C 8483	1472		48 13.14	3551	24	28 15 37.0	030	343	11.7	+ 5	- 21	8.7	
7840	24 3271	B 6170	1470	32718	48 20.18	4692	24	24 19 33.8	020	360	11.6	- 23	- 30	7.04	K 2
7841	26 3099	C 8485		32722	17 48 20.54	+2.3961	+0.0024	26 52 29.0	- 1.019	+0.350	11.2	- 9	- 10	8.3	K o
7842	26 3100	C 8486		32726	48 28.54	4125	24	26 18 46.1	008	352	12.3	+ 17	- 43	7.9	A o
7843		C 8488			48 32.36	3148	24	29 34 59.2	002	338	13.1			9.3	
7844	27 2903	C 8489	1483		48 35.77	3654	24	27 54 39.6	0.997	345	12.1	- 2	- 11	8.9	
7845	31 3110	L 6382	1488	32748	48 36.30	2660	25	31 8 31.1	996	330	12.5	- 2	- 30	8.8	K 2
7846	26 3102	C 8490			17 48 39.65	+2.4061	+0.0024	26 31 45.5	- 0.991	+0.351	12.3	- 9	- 19	9.2	
7847	25 3364	C 8492	1482-4	32735-76	48 43.33	4497	24	25 0 48.8	986	358	11.5	- 21	- 6	7.71	K o
7848	24 3274	C 8493	1485		48 44.46	4547	24	24 50 14.0	984	358	11.9	- 2	- 32	9.4	
7849	27 2904	C 8494		32746	48 48.18	3916	24	27 1 29.5	979	349	10.9	- 8	- 28	8.7	
7850	26 3106	C 8497			48 54.43	3949	24	26 54 49.3.	970	349	10.5	- 25	- 55	9.2	

7811. Number of observations 28.
7828. Number of observations 6.

7819-20. Σ 2232, magnitudes 7.0 and 8.5.
7839. Σ 2239.

7820. Number of observations 1.
7823. Burnham 8194.
7845. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Procession.	Sec. Var.	Dec. 1910.0.	Procession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
7851	25 3365	C 8496			h m s	s	s	° ' "	"	"	12.0	- 7	+ 27	8.7	
7852	27 2905	C 8498	1493	32750	17 48 55.18	+2.4322	+0.0024	25 37 37.2	- 0.969	+355	10.7	+ 24	- 22	7.8	A 3
7853	27 2906	C 8499	1496		48 57.12	3861	24	27 12 52.5	966	348	12.1	- 27	+ 50	8.2	K o
7854	30 3074	L 6388	1504	32764	49 1.44	3668	24	27 51 50.1	960	345	12.4	- 37	- 9	8.5	Mb
7855	29 3132	C 8501			49 3.59	2779	25	30 45 48.6	957	332	11.4	+ 13	- 37	9.1	
					49 11.84	3098	24	29 44 28.2	945	337					
7856	27 2908	C 8502	1505		17 49 16.04	+2.3756	+0.0024	27 34 3.7	- 0.938	+346	12.0	- 21	+ 1	9.2	
7857	31 3114	L 6391	1513		49 16.49	2575	25	31 24 16.8	938	329	12.5	+ 16	- 20	9.3	
7858	30 3077	L 6392	1514	32775-820	49 21.27	2724	25	30 56 8.1	931	331	11.7	- 20	+ 10	8.9	A 3
7859	29 3134	C 8505			49 24.53	3110	24	29 41 59.5	926	337	10.5	+ 10	- 12	8.1	A 5
7860	26 3110	C 8504			49 27.04	4087	24	26 26 17.2	922	351	12.1	+ 6	- 7	9.3	
7861	31 3115	L 6393	1520	32781-2	17 49 30.79	+2.2704	+0.0025	30 59 52.1	- 0.917	+331	11.4	+ 26	- 12	8.3	K o
7862	28 2858	C 8507			49 38.02	3440	24	28 37 11.6	906	341	12.3	- 6	- 13	8.8	K 2
7863	25 3368	C 8506	1515-6	32773-816	49 38.49	4496	24	25 0 40.9	906	358	12.1	- 63	- 31	8.06	K o
7864	29 3135	C 8508			49 43.63	3169	24	29 30 25.6	898	338	11.9	+ 1	- 109	9.1	
7865	31 3116	L 6395			49 47.04	2458	25	31 45 55.7	893	327	11.5	+ 4	- 26	9.3	
7866	27 2910	C 8509	1531		17 49 50.19	+2.3809	+0.0024	27 23 9.9	- 0.889	+347	11.5	- 3	- 12	9.1	A 2
7867	24 3275	B 6185		32785-830	49 54.89	4557	24	24 47 41.9	882	358	10.3	+ 2	+ 28	8.1	F o
7868	26 3112	C 8512	1533-4		49 55.94	4191	24	26 4 43.1	880	353	11.9	+ 26	+ 17	9.3	
7869	26 3113	C 8514			50 0.32	4073	23	26 29 7.5	874	351	11.8	- 12	- 6	9.2	
7870	31 3119	L 6397	1542		50 8.10	2440	24	31 49 17.5	863	327	11.7	+ 4	- 23	9.1	
7871	27 2912	C 8516	1541		17 50 16.07	+2.3874	+0.0023	27 9 45.3	- 0.851	+348	12.1	- 6	- 30	9.3	
7872	30 3078	L 6401		32832	50 23.58	2895	24	30 23 15.2	840	334	10.7	- 14	- 15	7.46	A 3
7873	27 2914	C 8517	1552	32815	50 30.87	3815	23	27 21 44.0	829	347	11.9	- 45	- 131	7.9	F 8
7874	29 3139	C 8519		32856	50 40.19	3069	24	29 49 45.6	816	336	11.3	- 12	- 12	8.06	F 2
7875	29 3141	C 8521	1564		50 51.14	3157	24	29 32 27.3	800	337	12.0	+ 14	- 13	9.4	
7876	24 3276	B 6192	1557		17 50 51.98	+2.4700	+0.0023	24 17 12.8	- 0.799	+360	11.5	+ 5	- 35	8.6	A o
7877	25 3374	C 8520			50 53.12	4370	23	25 27 4.7	797	355	11.6	- 4	- 8	9.1	
7878	27 2916	C 8523	1563	32836	50 54.95	3736	23	27 37 38.6	794	346	11.5	+ 6	- 47	7.9	K o
7879	25 3375	C 8525	1566-7	32839	51 6.46	4479	23	25 3 55.5	778	357	12.3	- 2	- 33	8.7	
7880	25 3376	C 8526			51 13.64	4309	23	25 39 36.1	767	354	11.7	- 6	- 8	8.8	A o
7881	30 3083	C 8527	1581		17 51 22.61	+2.3005	+0.0024	30 1 54.7	- 0.754	+336	11.9	+ 4	- 23	9.3	
7882	30 3084	L 6410	1583		51 23.48	2742	24	30 52 13.2	753	332	12.2	+ 9	- 23	9.3	
7883	24 3277	B 6197	1576		51 25.83	4710	23	24 14 48.1	750	360	11.7	- 16	- 11	8.7	A o
7884	25 3378	C 8529			51 30.36	4276	23	25 46 33.1	743	354	12.1	+ 22	- 26	9.2	
7885	31 3123	L 6412	1593		51 43.70	2592	24	31 20 27.2	723	329	11.5	+ 4	- 21	8.8	K o
7886	25 3379	C 8530	1584-6	32862	17 51 45.72	+2.4424	+0.0023	25 15 32.5	- 0.721	+356	11.4	+ 10	- 38	8.1	
7887	26 3120	C 8531			51 47.32	4193	23	26 3 49.9	718	353	11.1	+ 1*	+ 2*	5.48	F 5
7888	25 3382	C 8533			51 54.85	4416	23	25 17 0.5	707	356	11.9	+ 2	- 53	9.3	
7889	25 3381	C 8534	1589-90	32868	51 55.97	4456	23	25 8 44.3	705	356	10.6	+ 4	- 4	8.06	A 3
7890	24 3278	B 6201	1592		52 0.20	4645	23	24 28 43.0	699	359	10.7	- 4	- 5	8.2	F o
7891	26 3124	C 8536			17 52 17.49	+2.4111	+0.0023	26 20 41.5	- 0.674	+352	11.1	+ 59	- 2	8.7	
7892	25 3385	C 8538	1606	32888	52 25.33	4496	23	25 0 13.4	663	358	10.7	+ 1	- 19	8.6	
7893	26 3126	C 8539			52 39.79	4028	23	26 37 46.1	642	350	10.5	- 22	+ 28	8.7	
7894	27 2921	C 8540	1616		52 42.40	3789	23	27 26 32.8	638	347	10.9	+ 4	- 68	9.3	
7895	26 3129	C 8542			52 59.10	4025	23	26 38 14.3	613	350	10.5	+ 3	- 20	9.1	
7896	24 3281	B 6208			17 53 2.05	+2.4695	+0.0023	24 17 43.1	- 0.609	+360	10.8	- 5	- 52	9.3	
7897	30 3087	L 6421	1631		53 3.07	2892	24	30 23 14.6	608	333	11.4	- 11	+ 1	9.3	
7898	25 3389	C 8544			53 12.19	4334	23	25 34 8.8	594	355	11.9	+ 18	- 33	9.3	
7899	25 3391	C 8545			53 12.60	4245	23	25 52 45.0	594	353	12.0	+ 38	+ 25	9.3	
7900	25 3390	C 8546	1629-32	32917	53 14.63	4433	23	25 13 19.7	591	356	11.3	- 5	+ 3	8.7	A 2

7851. Burnham 8221.
7874. Burnham 8237.

7852. Burnham 8223.
7877. Burnham 8238.

7859. Burnham 8228.
7887. Number of observations 52.

7863. Burnham 8230.
7851, 7893, 7898. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.		
												R.A. s.0001.	Dec. ".001.				
7901	°	C 8549			h m s	s	s	° ' "	"	"	12.5	+	6	+	55	9.3	
7902	24 3283	B 6214	1635	32921	17 53 17.18	+2.3190	+0.0024	29 25 37.6	- 0.587	+338	12.5	+	6	+	55	9.3	
7903	29 3151	C 8553			53 31.32	4776	23	24 0 15.2	567	361	9.7	+	2	+	68	6.36	G 0
7904	25 3392	C 8554	1643-5	32931	53 34.68	3150	24	29 33 15.3	562	337	11.5					9.7	
7905	24 3284	B 6215	1641	32928	53 40.16	4436	23	25 12 32.5	554	356	10.4	+	9	+	33	9.3	
7906	26 3134	C 8556			53 41.00	4743	23	24 7 22.5	552	360	11.4	+	14	-	23	9.4	
7907	30 3089	L 6430			17 53 46.15	+2.4036	+0.0023	26 35 53.7	- 0.545	+351	10.3	-	7	+	12	8.6	
7908	28 2872	C 8559	1661		53 53.03	2918	23	30 18 9.5	535	334	10.3	+	10	-	31	8.9	
7909	29 3153	C 8561			54 1.95	3621	23	28 0 8.3	522	344	11.5	-	3	-	58	8.7	G 5
7910	29 3154	C 8565			54 5.27	3173	23	29 28 38.4	517	337	12.5	-	30	-	5	8.9	
7911	28 2873	C 8564		32949	54 10.96	3171	23	29 28 56.6	509	337	12.5	+	10	-	21	9.1	
7912	27 2922	C 8563	1663		17 54 12.13	+2.3543	+0.0023	28 15 45.9	- 0.507	+343	12.2	+	31	-	24	8.5	G 5
7913	29 3155	C 8566			54 12.64	3664	22	27 51 29.7	506	345	12.5	+	23	+	80	8.5	G 5
7914	29 3156	C 8567		32952-4	54 12.98	3190	23	29 25 18.3	506	337	12.9	+	18	-	6	9.1	
7915	24 3285	B 6219		32948	54 16.07	3241	23	29 15 25.3	501	339	12.0	+	66*	-	27*	3.82	K 0
7916	28 2874	C 8568			54 22.37	4622	22	24 33 7.4	492	359	11.7	-	15	-	36	9.1	A 0
7917	27 2923	C 8569		32969	17 54 29.52	+2.3524	+0.0023	28 19 31.4	- 0.482	+343	12.3	-	59	-	10	9.2	
7918	27 2925	C 8571	1675		54 36.02	3799	22	27 24 18.0	472	347	11.0	+	52	-	2	8.0	K 2
7919	25 3396	C 8572		32979	54 47.26	3622	22	27 59 50.8	456	344	10.7		0	-	20	8.7	G 0
7920	30 3093	C 8573	1685	32998-9	54 58.83	4490	22	25 1 2.6	439	358	10.1	-	31	-	5	8.36	F 8
7921	27 2927	C 8575			55 3.51	2950	23	30 11 46.9	432	334	10.5	+	1*	+	4*	4.48	F 0
7922	29 3158	C 8576			17 55 18.72	+2.3789	+0.0022	27 26 5.6	- 0.410	+347	11.0	-	26	-	16	9.3	
7923	30 3095	L 6445			55 20.33	3078	23	29 47 3.1	408	336	10.5	+	32	-	9	9.1	
7924	} 30 3096	C 8579	1702-4	33019-20	55 29.84	2824	23	30 35 48.5	394	333	10.5					9.3	
7925					55 35.01	2994	23	30 3 19.3	386	335	11.5	+	17	+	14	8.0	} A 0 G 0
7926	28 2878	C 8580	1705	33018	55 36.54	2994	23	30 3 16.6	384	335	9.6	+	17	+	14	6.92	
7927	26 3142	C 8582	1690-706		17 55 41.36	+2.3546	+0.0023	28 15 0.1	- 0.377	+343	10.0	+	9	-	23	8.3	
7928	29 3160				55 45.96	4065	22	26 29 33.4	370	351	11.0	-	18	-	31	9.3	
7929	29 3160	C 8583	1722		55 55.77	3167	23	29 29 37.4	356	337	11.2					9.1	
7930	24 3294	B 6230			55 55.89	3166	23	29 29 49.9	356	337	10.9	+	17	-	17	8.7	A 2
7931	30 3100	L 6450		33040	55 57.34	4703	22	24 15 39.5	354	360	10.7	-	4	-	38		
7932	28 2881	C 8584		33034	17 56 4.39	+2.2781	+0.0023	30 43 56.4	- 0.343	+332	11.1	+	12	+	1	8.1	K 0
7933	25 3399	C 8585			56 5.12	3579	23	28 8 12.3	342	343	11.7	-	27	-	13	8.9	
7934	24 3298	B 6238	1729	33036	56 12.39	4494	22	24 59 56.8	332	357	12.4	+	17	+	12	9.1	
7935	30 3101	L 6452			56 18.30	4547	22	24 48 53.5	323	358	9.9		0	-	4	8.8	
7936	30 3101				56 39.29	2882	23	30 24 39.0	293	333	11.5	+	47	-	5	9.1	
7937	28 2882	C 8586	1741	33067	17 56 40.40	+2.2879	+0.0023	30 24 4.7	- 0.291	+333	10.8					9.1	
7938	29 3164	C 8588		33070	56 45.29	3402	23	28 43 22.8	284	341	9.5	-	11	-	15	7.37	A 2
7939	26 3143	C 8587	1742		56 52.72	3265	23	29 10 27.5	273	338	12.1	+	16	+	1	9.1	
7940	25 3402	C 8590	1745		56 53.16	4006	22	26 41 41.2	272	350	11.7	+	15	-	4	9.3	
7941	27 2931	C 8591	1749		56 59.45	4233	22	25 54 39.0	263	353	11.5	+	5	+	13	9.1	
7942	29 3165	C 8592	1759	33085	17 57 7.14	+2.3635	+0.0022	27 56 58.6	- 0.252	+344	12.9	-	9	+	17	9.4	
7943	24 3304	B 6246	1747	33073	57 11.45	3143	23	29 34 11.6	246	339	9.8	-	90	+	163	7.16	G 5
7944	} 26 3145	C 8594		33082	57 14.28	4736	22	24 8 31.7	242	360	11.1	+	32	-	12	8.7	
7945					57 18.79	4048	22	26 33 6.4	235	351	12.5	+	27	-	17	8.3	
7946	26 3146	C 8596			57 18.94	4047	22	26 32 58.8	235	351	12.8	+	27	-	17		
7947	28 2886	C 8598		33092	17 57 22.92	+2.4124	+0.0022	26 17 22.7	- 0.229	+352	12.2	-	2	+	6	8.6	
7948	27 2932	C 8599	1761		57 23.20	3461	23	28 31 39.2	228	342	12.9	-	8	-	10	8.8	A
7949	24 3305	C 8600			57 24.32	3677	22	27 48 24.7	227	345	12.4	+	9	+	2	9.3	
7950	31 3143	L 6456	1776		57 28.58	4523	22	24 53 53.0	222	357	12.4	-	1	-	10	9.7	
					57 37.14	2457	23	31 44 44.0	208	327	12.4	-	5	+	3	9.3	

7908. Burnham 8254. 7909. Σ 2247. 7911. Burnham 8261. 7914. Number of observations 12. 7916, 7917. Number of observations 6.
 7923, 7945. Number of observations 4. 7924-5. Σ 2259, magnitudes 8.0 and 7.0. 7928, 7929, 7936. Number of observations 3. 7944-5. Σ 2263, magnitudes 8.2 and 9.2.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
7951	27 2934	C 8602			17 57 42.50	+2.3867	+0.0022	27 9 58.4	- 0.200	+0.348	11.7			9.4	
7952	24 3307	B 6255	1766	33097	57 46.87	4703	22	24 15 2.9	194	360	10.8	- 20	- 25	7.20	K 0
7953	24 3308	C 8603	1773-4	33103	57 53.93	4503	22	24 58 0.9	184	357	11.8	- 13	- 8	8.11	K 5
7954	25 3404	C 8604		33105	57 54.94	4353	22	25 29 24.9	182	355	10.5	+ 16	- 7	7.56	A 0
7955	30 3106	L 6457		33115	57 59.15	2807	23	30 38 44.0	176	332	10.1	- 7	+ 6	7.09	K 5
7956	27 2938	C 8605			17 58 0.95	+2.3877	+0.0022	27 7 54.0	- 0.174	+0.348	11.3	- 26	- 32	9.2	
7957	26 3148	C 8606			58 6.28	4000	22	26 42 42.3	166	350	11.3	- 47	- 72	9.3	
7958	26 3149	C 8608	1786	33117	58 16.56	3938	22	26 55 26.2	151	349	11.5	- 71	+ 6	9.3	
7959	25 3409	C 8609			58 20.81	4251	21	25 50 47.4	144	354	12.7	+ 15	- 14	9.3	
7960	25 3410	C 8610	1791	33132	58 22.81	4490	21	25 0 43.3	142	358	12.5	- 24	- 29	9.1	
7961	27 2940	C 8611			17 58 29.45	+2.3640	+0.0022	27 55 54.6	- 0.132	+0.344	11.9	- 2	- 15	9.4	
7962	25 3411	C 8614			58 39.35	4310	21	25 38 28.9	118	354	11.3	- 27	- 36	9.1	
7963	25 3412	C 8615			58 40.00	4268	21	25 47 21.2	117	354	11.5	+ 3	- 23	9.3	
7964	24 3311	C 8617	1802-3		58 48.59	4496	21	24 59 33.2	104	357	9.5	+ 10	- 22	8.26	K 2
7965	26 3151	C 8618	1805		58 51.05	4112	22	26 19 36.8	101	352	8.96	+ 278	- 580	7.10	K 0
7966	30 3109	L 6463		33143	17 58 52.84	+2.2766	+0.0022	30 46 39.6	- 0.098	+0.332	9.3	- 33	+ 5	8.9	
7967	30 3111	L 6465		33151-2	59 9.14	2837	22	30 33 4.6	074	333	12.3	- 47	+ 92	6.76	F 2
7968	28 2895	C 8623			59 10.11	3484	22	28 26 59.7	073	342	11.8	+ 5	+ 23	9.1	
7969	31 3151	L 6466	1835		59 19.28	2402	22	31 54 55.4	059	327	12.1	+ 25	- 32	8.9	
7970	26 3155	C 8624	1827-9	33149	59 20.91	3971	22	26 48 38.3	057	350	11.8	0	- 16	8.7	A 0
7971	24 3315	B 6276			17 59 23.84	+2.4705	+0.0021	24 15 3.1	- 0.053	+0.360	13.1	+ 17	- 9	8.7	
7972	25 3414	C 8625			59 27.67	4438	21	25 11 32.6	047	356	12.6	+ 26	- 8	9.3	
7973	30 3112	L 6468		33168	59 29.71	2902	22	30 20 45.3	044	334	11.8	+ 12	+ 61	8.1	F 8
7974	25 3415	C 8627	1833	33157	59 32.67	4390	21	25 21 41.7	040	356	12.4	- 20	+ 18	8.7	
7975	26 3157	C 8629			59 33.77	4193	21	26 2 55.7	038	353	13.3	+ 17	+ 8	8.5	
7976	26 3158	C 8630	1837-8	33167	17 59 41.25	+2.3943	+0.0022	26 54 22.4	- 0.027	+0.349	13.1	+ 8	- 51	8.9	
7977	27 2943	C 8631			59 42.21	3666	22	27 50 32.9	026	345	12.5	- 22	- 38	9.2	
7978	31 3152	L 6472	1841		59 44.31	2393	22	31 56 31.6	023	326	11.9	- 15	+ 18	8.1	K 0
7979	28 2903	C 8632a			59 47.57	3619	22	28 0 4.2	- 018	344	14.0			10.6	
7980	24 3318	C 8635	1843		18 0 6.22	4520	21	24 54 16.9	+ 009	357	11.7	- 18	- 29	8.8	
7981	29 3176	C 8637	1847		18 0 7.38	+2.3120	+0.0022	29 38 34.3	+ 0.011	+0.336	13.3	+ 17	+ 8	9.7	
7982	28 2905	C 8638			0 12.83	3452	22	28 33 13.9	019	342	12.4	+ 31	+ 4	9.3	
7983	26 3160	C 8640	1848-9	33184-5	0 17.62	4019	22	26 38 53.1	026	350	12.1	+ 18	- 58	7.00	F 2
7984	30 3113	L 6474		33193	0 27.64	2891	22	30 22 45.1	040	333	12.2	- 15	- 288	6.66	F 5
7985	25 3420	C 8642	1854		0 30.10	4396	21	25 20 25.7	044	356	12.3	+ 4	- 17	9.1	
7986	28 2909	C 8644	1875		18 0 45.96	+2.3441	+0.0022	28 35 27.6	+ 0.067	+0.342	11.7	+ 6	+ 16	9.4	
7987	27 2946	C 8645	1881		0 55.36	3638	22	27 56 9.9	081	344	11.5	+ 23	- 49	8.7	
7988	25 3422	C 8646	1877		0 58.19	4397	21	25 20 16.3	085	356	10.8	- 6	- 30	9.3	
7989	24 3321	B 6285	1882		1 2.90	4548	21	24 48 29.9	092	358	12.0	- 12	+ 11	9.4	
7990	27 2948	C 8648	1887-8-9		1 3.86	3884	22	27 6 33.3	093	348	12.4	+ 9	- 27	7.16	A 2
7991	30 3117	L 6479	1904	33233	18 1 23.79	+2.2839	+0.0022	30 32 45.0	+ 0.122	+0.333	11.9	+ 11	+ 7	8.8	
7992	29 3180	C 8651	1906-7	33234	1 29.29	3295	22	29 4 27.8	130	339	11.8	- 4	- 3	7.6	K 0
7993	25 3423	C 8652	1903		1 33.32	4246	21	25 51 49.5	136	354	12.1	- 31	- 24	9.2	
7994	27 2951	C 8653		33237	1 36.10	3751	22	27 33 23.8	140	346	12.9	+ 17	+ 3	7.9	A 0
7995	28 2914	C 8654	1918-9	33256-9	1 55.74	3416	22	28 40 38.9	169	341	11.5	- 7	- 13	7.8	K 2
7996	24 3323	B 6296			18 2 2.34	+2.4560	+0.0020	24 45 51.4	+ 0.178	+0.358	12.2	- 7	- 19	9.2	
7997	25 3426	C 8655	1921	33267	2 19.71	4329	21	25 34 6.9	204	355	11.9	+ 29	- 1	8.6	
7998	25 3427	C 8656	1923-4	33270	2 19.92	4301	21	25 40 27.7	204	354	11.9	+ 19	- 7	8.1	
7999	31 3164	L 6488			2 33.38	2469	22	31 42 35.3	224	326	12.0	+ 6	- 8	9.2	
8000	24 3327	B 6302	1929		2 35.03	4662	20	24 24 14.8	226	359	12.8	+ 4	- 19	6.94	K 0

7963, 7994, 7999. Number of observations 6.
7974. Σ 2268.

7964. Number of observations 7
7975. Burnham 8326.

7965. Burnham 8316.
7983. Burnham 8335.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.													
												R.A. "0001.	Dec. "001.															
													h	m	s	s	s	°	'	"	"	"	"	"	"	"	"	"
8001	31 3165	L 6489			18 2 37.89	+2.2535	+0.0022	31 30 15.1	+ 0.230	+329	12.7	- 2	- 8	9.1														
8002	26 3168	C 8658	1935-6		2 40.62	4108	21	26 20 31.2	234	352	12.9	- 27	- 29	9.2														
8003	25 3430	C 8659	1937	33286	2 43.85	4398	21	25 20 5.6	239	356	12.7	- 15	- 28	8.5														
8004	31 3166	L 6490			3 3.50	2675	22	31 3 57.2	267	331	12.2	+ 9	- 28	9.2														
8005	24 3329	B 6305		33300	3 8.21	4691	20	24 18 0.3	274	360	12.1	+ 33	- 25	7.7	K o													
8006	30 3123	L 6491			18 3 14.11	+2.2933	+0.0021	30 14 56.4	+ 0.283	+334	12.6	+ 20	- 19	9.1														
8007	27 2956	C 8662			3 15.30	3729	21	27 38 4.0	285	345	13.1	- 3	- 8	8.6														
8008	29 3184	C 8663			3 23.43	3090	21	29 44 33.2	297	336	13.0	+ 25	- 58	8.8														
8009	30 3127	L 6493	11		3 30.08	2726	21	30 54 13.8	306	331	13.6	+ 30	- 9	9.0														
8010	31 3168	L 6494		33325	3 30.30	2451	22	31 45 56.1	307	327	12.0	- 11	+ 5	8.2	A o													
8011	28 2922	C 8664	7-8		18 3 31.14	+2.3505	+0.0021	28 23 0.8	+ 0.308	+342	12.7	+ 10	- 62	8.6														
8012	30 3128	L 6496			3 36.58	2839	21	30 32 54.8	316	333	13.0	- 73*	+ 63*	5.21	F 8													
8013	28 2923	C 8666			3 40.60	3428	21	28 38 18.9	322	341	12.2	- 50	- 57	9.2														
8014	25 3435	C 8667	12	33320	3 47.27	4389	21	25 22 4.1	331	356	11.8	+ 15	- 34	9.2														
8015	26 3175	C 8669	13-4		3 53.12	4091	21	26 24 7.6	340	351	12.8	+ 4	+ 18	7.31	K o													
8016	24 3335	B 6310		33323	18 3 53.83	+2.4673	+0.0020	24 21 59.9	+ 0.341	+360	11.7	+ 29	- 8	9.2	F 8													
8017	28 2925	C 8672	19	33339-40	4 1.88	3394	21	28 44 58.6	353	341	11.2	+ 2*	+ 2*	3.83	A o													
8018	28 2926	C 8673			4 5.62	3575	21	28 9 3.7	358	343	12.3	+ 1	- 9	9.1														
8019	26 3178	C 8674	20-3	33349	4 11.81	4184	21	26 5 0.8	367	353	12.8	- 2*	+ 28*	5.92	A 3													
8020		C 8675	21-2-4	33378	4 11.84	4183	21	26 5 15.1	367	353	13.2	- 16*	+ 20*	6.00	A 3													
8021	27 2960	C 8677			18 4 15.33	+2.3804	+0.0021	27 23 2.4	+ 0.372	+347	13.1	+ 34	+ 34	8.5	K o													
8022	28 2928	C 8680			4 21.95	3490	21	28 26 6.3	382	342	13.6			9.0														
8023	26 3180	C 8681	43		4 24.22	3972	21	26 48 46.5	385	350	13.0	+ 2	- 5	9.2														
8024	29 3186	C 8683	46	33353	4 24.22	3071	21	29 48 17.3	385	336	13.2	+ 16	- 8	7.16	K 2													
8025	28 2929	C 8684	45		4 26.48	3423	21	28 39 18.2	389	341	13.4	+ 22	- 12	8.8	A 2													
8026	25 3438	C 8682			18 4 27.85	+2.4449	+0.0021	25 9 42.5	+ 0.390	+356	12.6	- 2	0	8.0	A 2													
8027	24 3337	B 6316			4 37.49	4730	20	24 9 53.0	404	360	12.5	+ 34	- 39	9.0														
8028	31 3177	L 6502			4 39.51	2539	21	31 29 40.4	408	329	12.1	+ 38	+ 18	8.47	A 3													
8029	29 3187	C 8685	57	33370	4 47.17	3111	21	29 40 39.5	420	336	11.1	+ 114	- 28	7.63	G 5													
8030	30 3133	L 6505		33374	4 47.93	2702	21	30 59 4.7	420	331	12.6	+ 5	+ 2	7.32	A o													
8031	26 3181	C 8687	68-9		18 5 10.47	+2.3930	+0.0021	26 57 28.7	+ 0.452	+349	11.6	- 12	+ 9	8.0	A 2													
8032	31 3180	L 6506		33395	5 11.70	2555	21	31 26 40.2	454	329	12.2	+ 20	- 11	8.47	F o													
8033	24 3342	C 8686	66		5 12.27	4509	20	24 57 5.4	455	357	12.3	- 17	- 16	6.76	A o													
8034	24 3341	B 6324		33379	5 15.17	4619	20	24 33 39.9	459	359	12.0	+ 2	- 45	8.06	F o													
8035	24 3340	B 6322		33377	5 15.43	4737	20	24 8 26.3	460	360	11.5	+ 69	+ 79	7.6	G o													
8036	24 3343	B 6327	72-3		18 5 22.65	+2.4558	+0.0020	24 46 41.1	+ 0.470	+358	11.5	+ 9	- 4	8.6														
8037	24 3344	C 8689			5 25.69	4504	20	24 58 10.1	475	357	11.8	- 27	- 9	9.2														
8038	31 3181	L 6509	91		5 27.84	2457	22	31 45 8.1	478	327	11.5	+ 17	+ 10	9.0														
8039	24 3346	B 6329	77	33392	5 33.21	4734	20	24 9 5.7	486	360	11.6	- 26	- 46	8.6	K o													
8040	31 3183	L 6510	90		5 34.43	2455	22	31 45 21.0	487	327	11.9	+ 12	- 29	9.2														
8041	24 3347	B 6331			18 5 38.94	+2.4650	+0.0020	24 27 0.4	+ 0.494	+359	12.8	- 35	- 139	9.0														
8042	31 3184	L 6511			5 40.11	2480	22	31 40 48.7	496	328	12.5	+ 34	+ 10	9.1														
8043	30 3137	L 6512			5 41.86	2696	21	31 0 17.5	498	331	13.0	- 9	+ 6	var.	Md													
8044	30 3138	L 6513		33424	5 43.74	2871	21	30 26 59.1	501	333	11.3	+ 61	+ 122	6.64	K 2													
8045	29 3190	C 8692	98	33429	5 53.46	3033	21	29 56 1.4	515	335	11.5	+ 64	+ 75	7.01	G o													
8046	31 3188	L 6516	103		18 6 1.48	+2.2467	+0.0021	31 43 21.7	+ 0.527	+328	13.7	- 6	- 8	9.2														
8047	24 3351	B 6335	100	33430	6 12.72	4735	19	24 9 4.0	543	359	12.2	+ 16	0	8.6	K o													
8048	29 3192	C 8693	107	33440	6 14.74	3023	20	29 57 51.6	546	335	12.6	- 24	+ 10	8.8														
8049	30 3140	L 6521	113	33448	6 22.88	2951	21	30 11 45.4	558	334	12.8	+ 16	- 6	8.8														
8050	24 3352	B 6337	109-10		6 32.84	4557	20	24 47 1.7	573	357	12.9	- 27	- 49	8.6	Ma													

8012. Burnham 8372.

8013, 8022, 8030, 8032, Number of observations 6.

8017. Number of observations 9.

8019-20. Σ 2280.

8034. Number of observations 4.

8043. T Herculis. Limits of magnitude 6.9 and 13.3. Period 165 days.

8046. Burnham 8399.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001		
					h m s	s	s	° ' "	"	"					
8051	25 3443	C 8696	111-2		18 6 35.37	+2.4468	+0.0020	25 5 50.5	+0.576	+356	12.8	+ 1	- 14	8.6	
8052	30 3142	L 6522		33455	6 37.64	2754	21	30 49 24.4	580	332	12.5	+ 32	- 45	8.02	F 8
8053	29 3193	C 8700			6 40.28	3154	20	29 32 40.0	583	337	12.3	+ 108	+ 118	9.2	
8054	28 2935	C 8702	126		6 48.02	3494	20	28 25 45.3	595	342	13.0	- 4	+ 36	9.2	
8055	25 3447	C 8701			6 50.17	4239	20	25 54 2.6	598	352	11.3	- 26	- 1	9.2	
8056	29 3195	C 8706	133		18 7 4.52	+2.3302	+0.0020	29 3 36.6	+0.619	+339	12.5	- 6	- 15	8.2	G 5
8057	27 2969	C 8707			7 16.06	3635	20	27 57 30.1	636	344	12.7	+ 6	+ 1	8.4	K 0
8058	31 3194	L 6530			7 22.85	2384	21	31 58 57.0	645	326	11.7	+ 12	- 62	9.0	
8059	26 3187	C 8709	141	33458	7 27.16	4022	20	26 39 0.6	652	349	10.8	+ 16	+ 21	7.7	G 5
8060	31 3196	L 6533	154	33488	7 34.31	2626	21	31 13 50.3	662	330	12.0	- 5	+ 1	8.10	K 2
8061	24 3355	C 8711	143-7-8		18 7 35.41	+2.4505	+0.0020	24 58 11.0	+0.664	+356	12.1	+ 24	+ 12	8.46	G 5
8062	25 3452	C 8712	150		7 41.12	4411	20	25 18 3.4	672	355	11.9	+ 6	- 2	8.4	G 0
8063	25 3453	C 8713	156		7 52.84	4343	20	25 32 22.8	689	354	11.2	+ 2	+ 19	6.84	K 0
8064	29 3198	C 8715		33534	7 56.19	3048	20	29 53 19.0	694	335	13.1	+ 20	- 56	7.36	K 0
8065	29 3199	C 8714	165	33533	7 56.25	3122	20	29 38 58.3	694	336	11.4	+ 13	- 12	7.46	A 2
8066	30 3144	C 8716		33542	18 8 0.00	+2.2982	+0.0020	30 6 13.7	+0.700	+335	12.9	+ 5	+ 38	7.9	
8067	28 2939	C 8718			8 4.56	3534	20	28 17 49.1	706	343	12.6	+ 4	- 7	8.7	
8068	25 3455	C 8717	164		8 5.96	4395	20	25 21 25.5	708	355	12.9	- 2	- 21	8.6	G 0
8069	28 2941	C 8719			8 6.04	3360	20	28 52 21.7	708	340	12.8	- 17	+ 1	9.2	
8070	27 2974	C 8720			8 8.49	3683	20	27 48 3.0	712	345	12.9	+ 13	+ 37	8.8	
8071	27 2975	C 8721	166		18 8 10.50	+2.3812	+0.0020	27 21 56.1	+0.715	+346	12.3	+ 7	- 17	8.8	
8072	31 3199	L 6545	180	33519	8 30.93	2579	21	31 22 56.7	745	329	11.8	- 6*	+ 16*	5.02	Ma
8073	27 2977	C 8727	176	33510	8 32.86	3737	20	27 37 14.5	747	345	11.7	+ 13	- 12	8.2	A 2
8074	29 3203	C 8729	181	33570	8 36.75	3110	20	29 41 37.4	753	336	11.7	+ 21	+ 3	8.2	
8075	24 3358	B 6349			8 50.11	4659	19	24 25 41.5	773	359	11.9	+ 27	0	7.06	K 0
8076	31 3203	L 6548	207		18 9 11.30	+2.2524	+0.0021	31 33 22.8	+0.803	+328	11.6	+ 6	- 14	8.6	
8077	25 3461	C 8732	203		9 14.00	4320	20	25 37 26.3	807	354	11.7	+ 16	- 20	8.0	K 0
8078	25 3463	C 8734			9 25.89	4423	20	25 15 53.1	825	355	11.0	- 6	- 6	8.0	G 5
8079	28 2955	C 8737	210	33560	9 27.31	3556	20	28 13 48.9	826	343	10.9	- 5	+ 108	8.2	F 8
8080	28 2956	C 8739	211	33563	9 30.19	3560	20	28 13 9.4	831	343	10.9	- 5	+ 108	8.2	F 8
8081	24 3364	B 6357			18 9 30.80	+2.4556	+0.0020	24 47 49.1	+0.832	+357	12.3	- 28	+ 16	9.2	
8082	31 3207	L 6552	217		9 36.96	2548	21	31 28 56.7	841	329	11.9	+ 14	- 5	9.2	
8083	26 3192	C 8740			9 38.53	4076	20	26 28 20.9	843	350	11.9	+ 17	- 4	9.0	A 5
8084	30 3150	L 6554	222		9 49.22	2769	21	30 47 25.6	859	332	11.1	- 20	+ 33	9.2	
8085	26 3195	C 8742	216		9 49.39	4149	20	26 13 10.8	859	351	9.8	+ 17	- 41	7.35	K 0
8086	29 3204	C 8745			18 10 2.75	+2.3075	+0.0020	29 48 44.7	+0.878	+336	10.1	+ 24	- 75	9.2	
8087	25 3464	C 8744			10 4.28	4339	19	25 33 38.4	881	354	9.8	- 7	- 11	8.4	K 0
8088	29 3205	C 8746			10 8.09	3158	20	29 32 36.2	886	337	10.1	+ 29	- 7	9.2	
8089	26 3199	C 8749			10 18.55	4002	19	26 43 48.7	902	349	9.9	+ 7	- 22	8.1	F 5
8090	25 3465	C 8752			10 30.84	4417	19	25 17 28.0	919	355	10.6	+ 17	- 57	9.2	
8091	28 2960	C 8753	236	33607	18 10 35.60	+2.3570	+0.0020	28 11 25.0	+0.926	+343	10.7	+ 11	- 29	6.90	K 0
8092	31 3211	L 6558		33623	10 41.82	2541	20	31 30 42.0	935	328	9.9	- 12	+ 53	8.1	F 2
8093	24 3368	B 6365	239	33606	10 46.20	4750	19	24 6 42.4	942	361	9.7	- 11	- 19	8.2	K 0
8094	24 3369	B 6370	232		11 9.81	4577	19	24 43 52.8	976	357	10.9	+ 10	+ 9	9.1	
8095	29 3213	C 8758	254	33640	11 14.35	3270	20	29 11 5.8	983	338	10.4	+ 23	- 238	6.49	G 0
8096	24 3370	C 8757			18 11 15.99	+2.4518	+0.0019	24 56 19.8	+0.985	+356	11.7	- 5	- 2	9.2	
8097	29 3215	C 8762		33649	11 27.75	3208	20	29 23 12.7	1.002	337	11.7	+ 19	- 41	9.2	
8098	29 3216	C 8765	263	33660	11 38.37	3299	20	29 5 33.3	0.18	339	10.5	+ 36	- 29	9.2	
8099	27 2988	C 8772	272-3		12 2.93	3880	19	27 9 27.2	0.54	347	9.1	+ 16	+ 26	8.0	F 5
8100	25 3475	C 8773		33679	12 7.16	4284	19	25 45 48.4	0.60	353	9.1	+ 9	- 16	8.2	K 0

8062. Burnham 8411.

8065. Number of observations 7.
8076. Σ 2295.

8073. Σ 2292.
8079, 8080. Burnham 8431.

8074. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "001.	Dec. "001.		
8101	30 3162	L 6572			h m s	s	s	° ' "	"	"	8.8, 10.3	+ 35	+ 17	6.98	K 0
8102	30 3163	L 6573			18 12 26.90	+2.2906	+0.0020	30 22 7.2	+ 1.088	+333	9.1	- 12	+ 1	9.2	
8103	28 2971	C 8778			12 38.37	2808	20	30 40 54.5	105	332	9.1	- 17	+ 21	8.1	K 5
8104	30 3167	L 6578	304		12 42.82	3587	20	28 8 35.8	112	342	10.3	- 28	- 2	9.1	
8105	30 3168	C 8784	305		13 4.69	2878	20	30 27 40.1	143	333	9.9	- 12	- 9	8.86	A 0
8106	27 2991	C 8783	301-2		13 6.06	2974	20	30 9 14.1	145	334	9.5	+ 21	- 56	8.2	G 0
8107	26 3209	C 8785		33720	18 13 9.41	+2.3908	+0.0019	27 3 51.7	+ 1.150	+348	9.7	+ 17	+ 6	8.6	G
8108	29 3226	C 8788		33736	13 20.18	4002	19	26 44 35.4	166	349	9.8	+ 9	- 63	8.6	
8109	26 3212	C 8792			13 34.58	3153	20	29 34 48.9	187	337	11.0	- 7	+ 6	9.0	
8110	27 2994	C 8795	330		13 52.83	4201	19	26 3 38.0	213	352	10.3	0	- 9	9.0	
8111	26 3215	C 8797			14 3.57	3730	19	27 40 26.2	230	344	10.5	+ 250	+ 92	9.2	
8112	29 3229	C 8799	340	33775	18 14 11.20	+2.4036	+0.0018	26 38 1.1	+ 1.240	+348	10.3	+ 7	- 19	9.2	
8113	29 3230	C 8800		33776	14 28.33	3180	19	29 29 53.6	265	336	11.1	+ 4	- 30	9.2	
8114	25 3481	C 8802	342	33771-2	14 30.18	3234	19	29 19 8.6	268	337	8.7	- 16	- 13	8.6	K 0
8115	24 3377	B 6399	345	33779	14 39.39	4422	18	25 17 38.4	281	355	8.2	- 32	- 59	8.0	K 2
8116	25 3485	C 8807	361	33788-9	14 46.92	4674	18	24 24 14.4	292	359	10.1	0	+ 5	8.8	
8117	31 3232	L 6590			18 15 5.86	+2.4390	+0.0018	25 24 37.2	+ 1.320	+354	11.0, 12.6	- 11	+ 24	9.1	
8118	31 3233	L 6591			15 6.24	2399	19	31 58 48.5	320	325	10.9	+ 9	- 17	9.1	
8119	30 3175	L 6593			15 7.86	2667	19	31 8 38.2	323	329	11.5	+ 10	- 2	9.1	
8120	24 3379	B 6405			15 13.64	2854	19	30 33 1.3	331	332	11.8	+ 16	- 49	9.2	
8121	27 2997	C 8809			15 15.67	4714	18	24 15 58.3	334	360	11.2	+ 16	+ 13	9.0	
8122	24 3381	B 6406		33801	18 15 16.08	+2.3878	+0.0018	27 10 45.6	+ 1.334	+346	10.0	+ 12*	- 4*	5.49	K 5
8123	30 3177	L 6596			15 28.43	4674	18	24 24 29.3	352	359	10.4	+ 22	+ 8	9.2	
8124	29 3234	C 8812	375	33816	15 36.84	2749	19	30 53 15.4	365	331	11.0	+ 31	+ 5	9.2	A 2
8125	30 3179	L 6598			15 39.51	3167	19	29 32 49.7	369	336	9.7	+ 21	+ 8	9.2	
8126	27 3000	C 8818	381	33828	15 49.81	2718	19	30 59 21.2	384	330	11.1	- 2	- 20	8.2	K 0
8127	28 2979	C 8820			18 16 1.59	+2.3798	+0.0018	27 27 26.7	+ 1.401	+345	10.8	- 3	+ 21	9.0	
8128	25 3491	C 8819			16 4.57	3406	19	28 46 1.3	405	339	12.1	- 9	- 1	9.2	
8129	27 3001	C 8821	387		16 5.38	4293	18	25 45 17.3	406	353	12.3	- 7	- 45	9.2	
8130	29 3236	C 8823	398	33853	16 9.87	3662	19	27 54 58.0	413	343	11.6	+ 15	- 8	6.14	K 0
8131	31 3239	L 6606	402		16 23.67	3144	19	29 37 36.3	433	335	12.0	- 17	- 10	8.0	A 0
8132	25 3493	C 8822	396	33842-4	18 16 24.72	+2.2683	+0.0019	31 6 17.2	+ 1.434	+330	12.1	+ 23	+ 19	8.2	A 0
8133	26 3219	C 8824		33848	16 27.45	4369	18	25 29 29.3	438	354	11.7	+ 3	- 25	8.4	
8134	29 3237	C 8825		33860	16 30.63	4088	18	26 28 5.4	443	350	12.4	+ 24	+ 19	8.2	A 0
8135	29 3239	C 8827		33861	16 35.39	3212	19	29 24 28.1	450	336	11.9	+ 16	- 10	9.2	
8136	28 2980	C 8829	414	33866	16 37.63	3232	19	29 20 34.5	453	337	10.1	- 8*	- 3*	6.54	B 8
8137	31 3242	L 6610	420	33886	18 16 55.04	+2.3355	+0.0019	28 56 34.1	+ 1.478	+338	10.8	- 27	- 17	8.0	A 0
8138	27 3003	C 8831		33880-1	17 10.00	2709	19	31 1 33.1	500	330	11.2	+ 49	+ 85	7.13	G 5
8139	29 3241	C 8833	431	33892	17 14.70	3792	18	27 29 11.4	507	345	11.6	+ 5*	+ 57*	5.54	A 2
8140	28 2981	C 8834	430	33889-90	17 29.03	3089	19	29 48 56.7	528	335	11.2	+ 4*	+ 46*	5.05	A 5
8141	28 2982	C 8835			17 30.32	3391	19	28 49 36.6	530	339	10.6	+ 12	- 7	8.6	A 0
8142	24 3394	B 6425			18 17 36.99	+2.3553	+0.0019	28 17 31.7	+ 1.539	+342	10.9	+ 7	- 47	9.2	K 0
8143	26 3222	C 8836		33891	17 38.98	4719	18	24 15 46.9	542	359	10.9	+ 41	- 12	8.4	G 0
8144	29 3242	C 8837			17 39.50	4034	18	26 39 51.5	543	349	10.7	+ 28	+ 1	9.1	
8145	24 3395	C 8838	435	33896	17 40.72	3250	19	29 17 29.5	545	337	10.6	+ 18	- 19	6.86	B 3
8146	31 3248	L 6614	448		17 47.12	4508	18	25 0 48.9	554	357	11.1	- 5	0	9.2	
8147	28 2983	C 8840	444		18 17 48.49	+2.2647	+0.0019	31 13 41.3	+ 1.556	+329	10.5	+ 21	+ 10	8.4	F 8
8148	25 3501	C 8839	442		17 51.03	3429	19	28 42 23.1	560	340	10.9	- 9	+ 34	9.2	
8149	27 3005	C 8841			17 52.76	4223	18	26 0 43.4	562	352	10.9	+ 18	0	9.1	
8150	29 3244	C 8843	458-9		17 56.83	3708	18	27 46 24.3	568	344	9.5	+ 24	- 21	8.8	

8107. Burnham 8470.
8124. Number of observations 6.

8119. Number of observations 4.
8138. Burnham 8507.

8124. Burnham 8494.
8141. Σ 2312.

8132. Σ 2309.
8148. Burnham 8513.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^{h. m. s.}	Dec. ^{° ' "}		
8151	24 3399	B 6435			18 18 25.99	+2.4641	+0.0017	24 32 55.1	+ 1.611	+0.357	9.9	- 14	- 92	8.8	K 2
8152	29 3245	C 8844		33950	18 18 31.82	3034	18	30 0 5.7	619	334	8.8	+ 17	+ 23	7.96	
8153	24 3400	B 6437			18 18 38.94	4608	17	24 40 0.9	629	356	9.2	+ 13	- 31	8.8	
8154		C 8846			18 18 48.71	3783	18	27 31 35.0	644	345	9.3			9.2	
8155	26 3229	C 8847	476		19 0 32	4004	18	26 46 41.0	660	348	10.1	+ 17	- 29	8.8	
8156	26 3230	C 8849	477	33962	18 19 4.48	+2.4178	+0.0018	26 10 47.2	+ 1.666	+0.351	9.9	- 29	- 49	8.8	G
8157	26 3231	C 8850			19 5.69	4126	18	26 21 30.4	668	350	10.4	+ 31	+ 31	9.2	
8158	30 3187	C 8853			19 6.43	3020	18	30 3 4.8	669	334	10.7	+ 25	+ 27	9.2	
8159	27 3007	C 8854	484	33971	19 16.97	3801	18	27 28 19.6	685	345	10.8	- 3	- 12	9.2	
8160	24 3403	B 6444			19 30.42	4608	17	24 40 18.9	704	356	10.5	- 6	- 20	9.1	
8161	24 3404	B 6445			18 19 31.13	+2.4571	+0.0017	24 48 19.6	+ 1.705	+0.356	11.1	- 7	- 10	9.0	A 0
8162	30 3190	C 8856		33991	19 32.64	3014	18	30 4 31.7	707	334	11.9	+ 3	+ 14	8.76	
8163	29 3247	C 8857	496		19 35.44	3247	18	29 19 7.2	711	337	11.4	+ 12	- 42	8.1	
8164	24 3405	B 6446	488		19 37.40	4564	17	24 49 55.0	714	356	11.1	0	- 35	8.8	
8165	25 3509	C 8858		33990	19 44.97	4246	18	25 56 59.4	725	351	11.1	+ 42	+ 15	8.6	
8166	24 3406	B 6448	495		18 19 45.13	+2.4693	+0.0017	24 22 24.6	+ 1.726	+0.357	11.1	+ 24	- 18	8.8	K 0
8167	26 3233	C 8860	501	33992	19 46.95	4122	18	26 22 34.5	728	350	11.6	+ 47	+ 3	9.0	
8168	27 3010	C 8863	506	34003-4	19 54.37	3806	18	27 27 39.8	739	345	9.6	+ 15	- 29	8.6	
8169	25 3510	C 8862	505		19 54.99	4369	18	25 31 9.9	740	350	11.0	+ 11	- 25	8.8	
8170	29 3251	C 8864	508		19 55.27	3316	18	29 5 46.4	740	338	12.1	- 17	- 6	9.3	
8171	24 3407	B 6450	503		18 19 55.89	+2.4753	+0.0017	24 9 32.7	+ 1.741	+0.358	9.9	+ 12	- 37	9.1	K
8172	30 3192	L 6635			20 30.46	2966	18	30 14 21.1	791	333	10.6	0	+ 17	8.0	
8173	30 3193	L 6636			20 30.90	2918	18	30 23 35.9	792	332	10.6	- 26	- 28	8.0	
8174	31 3259	L 6637	526	34038	20 32.08	2629	18	31 18 32.4	794	328	10.8	+ 19	- 51	8.0	
8175	26 3238	C 8870		34028-9	20 37.25	4152	18	26 16 56.6	801	350	10.0	+ 43	+ 19	8.0	
8176	28 2992	C 8871			18 20 37.72	+2.3571	+0.0018	28 15 23.5	+ 1.802	+0.342	11.0	- 5	+ 28	9.3	K 0
8177	28 2993	C 8872			20 39.27	3576	18	28 14 26.8	804	342	11.0	- 27	+ 19	9.1	
8178	30 3195	L 6638			20 39.80	2879	18	30 31 9.7	805	331	10.2	- 45	- 58	8.5	
8179	27 3013	C 8873	525		20 40.24	3723	18	27 44 53.4	806	344	10.1	- 4	- 25	9.3	
8180	25 3515	C 8876	529		20 50.11	4385	18	25 28 16.1	820	353	10.5	+ 64	+ 29	9.0	
8181	31 3261	L 6639	537		18 20 52.90	+2.2660	+0.0018	31 13 1.6	+ 1.824	+0.328	10.2	- 2	- 5	9.2	K 0
8182	30 3197	L 6642			21 11.07	2808	18	30 45 7.3	850	330	9.6	- 3	- 18	8.5	
8183	27 3015	C 8879			21 22.58	3776	18	27 34 37.2	867	345	9.7	- 4	+ 34	9.2	
8184	27 3016	C 8880		34067-8	21 23.77	3844	18	27 20 40.4	869	346	9.4	- 1	- 15	6.20	
8185	26 3246	C 8883			21 34.17	4040	18	26 40 31.7	884	348	9.7	+ 36	- 37	9.2	
8186	26 3247	C 8887	554	34079-80	18 21 42.55	+2.4227	+0.0018	26 1 59.1	+ 1.896	+0.351	10.1	- 13	- 11	7.7	K 0
8187	28 2996	C 8888	561		21 47.49	3642	18	28 1 53.6	903	343	10.0	- 26	+ 21	8.0	
8188	25 3520	C 8889	559	34085-6	21 50.08	4251	17	25 56 59.3	907	351	10.7	+ 10	+ 10	8.0	
8189	25 3521	C 8890	563		21 53.88	4230	18	26 1 24.2	912	351	10.3	- 1	- 135	9.2	
8190	27 3019	C 8894		34104-6	22 0.60	3759	17	27 38 21.8	922	343	11.6	+ 42	+ 138	8.2	
8191	26 3250	C 8896			18 22 7.57	+2.4063	+0.0017	26 36 17.6	+ 1.932	+0.347	12.7	+ 29	- 10	8.8	A 0
8192	30 3200	L 6651	582-3	34132	22 8.53	2735	18	30 59 32.5	934	329	12.4	+ 4	- 14	8.6	
8193	27 3020	C 8897			22 13.14	3937	17	27 2 17.8	940	346	12.6	- 35	+ 11	9.2	
8194	29 3257	C 8898			22 17.72	3244	17	29 21 18.8	947	336	11.6	+ 14	+ 4	8.4	
8195	31 3265	L 6654			22 24.08	2459	18	31 51 43.6	956	325	12.2	+ 10	- 18	8.0	
8196	31 3266	L 6656	588		18 22 29.10	+2.2641	+0.0018	31 17 27.8	+ 1.963	+0.328	12.0	- 6	- 3	8.4	A 2
8197	29 3259	C 8903		34131	22 30.51	3115	17	29 46 36.4	966	334	11.8	+ 8*	- 33*	5.71	
8198	26 3253	C 8902	585		22 33.02	4009	17	26 47 31.8	969	347	12.8	- 13	- 27	8.8	
8199	25 3525	C 8905			22 37.17	4273	17	25 52 51.0	975	351	12.8	- 8	+ 15	8.8	
8200	25 3524	C 8904			22 37.57	4475	16	25 10 24.1	976	354	11.8	+ 17	+ 16	9.2	

8176. Burnham 8540.

8188. Σ 2318.

8184. Σ 2315.

8186. Burnham 8550.

8191. Number of observations 6.

8187. Burnham 8552.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
8201	26 3255	C 8906	587	34129-30	18 22 41.83	+2.4189	+0.0017	26 10 27.7	+ 1.982	+0.349	10.6	- 12	+ 11	6.83	B 3
8202	28 3000	C 8908		34140	22 47.88	3614	17	28 8 12.2	991	341	11.7	+ 49	- 7	8.2	B 9
8203	31 3268	L 6660			22 48.59	2482	18	31 47 46.0	992	325	12.9	- 9	+ 34	9.2	
8204	26 3256	C 8909	590		22 51.58	4161	17	26 16 15.5	996	349	12.1	+ 25	+ 2	9.1	
8205	26 3257	C 8910	592	34137-9	22 52.08	4122	17	26 24 26.6	997	348	11.5	+ 6	+ 11	6.87	B 3
8206	24 3416	B 6473	589	34133	18 22 52.18	+2.4716	+0.0016	24 18 58.5	+ 1.997	+0.358	12.0	- 2	- 30	8.6	K 0
8207	27 3023	C 8911	595	34142	22 54.16	3864	17	27 17 25.5	2.000	345	12.0	- 1	- 7	8.6	B 9
8208	31 3269	L 6663	602	34154	22 54.64	2561	18	31 32 54.8	001	326	11.1	+ 18	+ 13	8.0	K 2
8209	26 3259	C 8913	600	34141-7	23 3.72	4126	17	26 23 42.2	014	348	10.2	+ 3	- 11	6.36	B 3
8210	25 3527	C 8914			23 5.07	4263	16	25 55 10.7	016	351	10.9	- 33	- 2	9.0	
8211	29 3261	C 8918			18 23 10.72	+2.3067	+0.0017	29 56 32.0	+ 2.024	+0.333	11.6	+ 6	+ 11	9.2	
8212	25 3528	C 8920			23 21.00	4293	16	25 48 58.5	039	352	11.4	+ 29	+ 20	8.6	G 5
8213	25 3529	C 8921			23 23.13	4284	16	25 51 1.1	042	352	12.4	- 5	+ 2	9.1	
8214	30 3206	L 6666	610-1	34168	23 26.30	2764	18	30 54 47.0	047	330	12.2	- 24	+ 31	7.36	K 0
8215	25 3530	C 8922			23 26.32	4299	16	25 47 55.2	047	352	12.1	+ 21	+ 3	9.2	
8216		C 8924			18 23 41.87	+2.3589	+0.0017	28 13 43.8	+ 2.069	+0.341	12.4	- 45	- 14	9.2	
8217	29 3262	C 8925			23 42.47	3192	17	29 32 28.9	070	335	12.1	+ 22	0	9.2	
8218	28 3001	C 8927			23 44.94	3599	17	28 11 47.8	074	341	11.9	- 23	- 7	9.2	
8219	28 3002	C 8929	616		23 46.83	3395	17	28 52 24.2	076	338	12.4	- 23	- 7	8.7	B 8
8220	24 3421	C 8926			23 47.89	4551	16	24 54 55.4	078	355	10.2	+ 9	+ 25	9.2	
8221	31 3271	L 6668	621		18 23 48.69	+2.2439	+0.0018	31 56 15.8	+ 2.080	+0.324	12.6	- 1	- 14	7.8	K 0
8222	27 3029	C 8932	619	34177	23 54.60	3823	17	27 26 31.9	088	344	11.5	+ 23	+ 14	9.2	G 5
8223	30 3208	L 6669			24 3.36	2941	17	30 21 20.8	100	332	11.9	- 20	- 4	9.2	
8224	24 3425	B 6483	620	34180	24 4.09	4629	16	24 38 26.6	101	356	9.1	- 5	+ 18	6.82	B 9
8225	25 3535	C 8934			24 5.54	4375	16	25 32 14.5	103	353	11.6	+ 15	- 25	8.6	B 9
8226	31 3272	L 6671	636	34212-4	18 24 23.54	+2.2696	+0.0018	31 8 30.1	+ 2.130	+0.328	10.0	- 13	- 26	7.7	M b
8227	26 3267	C 8937			24 23.98	4034	17	26 43 39.8	130	347	11.9	- 14	+ 37	9.2	
8228	26 3269	C 8940	635		24 33.23	4023	17	26 46 0.1	144	347	9.4	- 22	- 6	9.0	A 0
8229	28 3004	C 8941	637		24 34.87	3499	17	28 32 22.8	146	339	11.9	+ 16	- 3	9.2	
8230	31 3275	L 6675	648-9		24 47.92	2543	18	31 37 36.8	165	326	10.9	- 12	- 28	8.8	
8231	26 3271	C 8942			18 24 53.47	+2.4149	+0.0016	26 20 0.8	+ 2.173	+0.349	10.4	+ 9	0	8.7	A 0
8232	28 3005	C 8943	646-7		24 53.60	3384	17	28 55 27.8	173	337	10.3	+ 10	+ 11	9.3	A 2
8233	29 3264	C 8944			24 53.75	3065	17	29 58 7.0	173	333	9.5	- 6	+ 11	8.11	A 0
8234	30 3211	C 8945			25 4.02	3019	17	30 7 10.6	188	332	10.3	- 8	- 28	9.0	
8235	29 3267	C 8949			25 18.27	3242	17	29 23 45.7	209	335	10.6	+ 38	- 15	9.2	
8236	28 3008	C 8953	662		18 25 30.36	+2.3402	+0.0017	28 52 11.7	+ 2.226	+0.338	10.5	+ 6	- 23	9.2	
8237	25 3538	C 8954	659		25 34.22	4282	16	25 52 45.4	232	351	10.7	+ 6	+ 10	9.1	A 2
8238	29 3269	C 8958		34264	25 42.49	3214	17	29 29 34.5	244	335	8.6	- 14	+ 47	7.7	G 5
8239	29 3270	C 8960			25 42.59	3100	17	29 51 49.5	244	333	9.8	+ 18	+ 26	8.4	K 0
8240	26 3275	C 8957			25 43.27	4200	16	26 10 4.5	245	350	11.3	- 24	+ 41	9.1	
8241	27 3037	C 8961	665		18 25 46.58	+2.3843	+0.0017	27 23 39.3	+ 2.250	+0.344	11.1	+ 16	- 37	9.2	
8242	28 3009	C 8962	670-2		25 48.65	3362	17	29 0 17.2	253	337	11.2	- 7	- 7	9.0	
8243	25 3540	C 8964			25 54.95	4332	16	25 42 25.3	262	352	11.1	- 5	+ 14	8.8	F 8
8244	26 3277	C 8966			25 56.96	4039	17	26 43 30.1	265	347	10.9	+ 7	- 57	8.8	G 5
8245	25 3541	C 8965	673	34265	25 57.07	4250	16	25 59 41.6	265	351	10.1	- 9	+ 12	7.9	A 2
8246	29 3271	C 8968			18 25 59.92	+2.3101	+0.0017	29 51 51.0	+ 2.269	+0.333	12.0	+ 36	- 2	8.6	A 2
8247					26 0.21	3101	17	29 51 51.9	270	333	12.2	+ 36	- 2		
8248	24 3437	B 6498			26 4.02	4653	16	24 34 28.0	275	356	11.8	+ 9	- 5	9.2	K
8249	29 3272	C 8969			26 4.83	3084	17	29 55 7.2	276	333	12.2	+ 17	- 16	8.7	
8250		C 8970			26 7.05	3088	17	29 54 26.8	279	333	12.4	+ 3	- 23	9.2	

8207. Burnham 8567.
8239. Burnham 8598.

8209. Burnham 8569.
8244. Burnham 8603.

8215. Number of observations 4.
Number of observations 6.

8219. Burnham 8581.
8246-7. Σ 2328. Magnitudes 8.0 and 8.3.

8224. Σ 2320.
8247. Number of observations 3.

8238. Burnham 8599.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 8.001.		
8251	28 3011	C 8974			h m s	s	s	o ' "	"	"					
8252	25 3542	C 8971	681		18 26 12.10	+2.3538	+0.0017	28 25 42.2	+ 2.287	+340	12.0	+ 9	- 39	9.2	
8253	26 3279	C 8975	682		26 12.27	4271	16	25 55 28.9	287	350	12.6	- 2	- 20	9.2	
8254	25 3543	C 8976		34279	26 16.69	4078	16	26 35 50.2	293	347	10.8	+ 73	- 42	8.4	G 5
8255	31 3279	L 6688			26 18.98	4334	16	25 42 15.4	297	351	10.6	+ 48	+ 57	8.2	G 5
8256	31 3280	L 6689			26 22.84	2497	17	31 47 23.6	302	325	11.4	+ 1	+ 20	8.2	A 2
8257	26 3281	C 8980			18 26 26.30	+2.2706	+0.0017	31 8 3.3	+ 2.307	+328	11.9	+ 16	- 9	9.1	
8258	25 3545	C 8981			26 31.63	4163	16	26 18 13.6	315	348	11.0	+ 27	- 6	9.2	
8259	26 3282	C 8985	710		26 36.93	4499	16	25 7 45.9	323	353	12.9	+ 3	- 18	9.2	
8260	25 3547	C 8984			26 48.08	4042	16	26 43 38.6	339	346	12.1	+ 6	- 15	9.0	K
8261	24 3442	B 6506			26 48.47	4465	16	25 14 57.9	339	353	11.0	- 5	+ 8	9.2	
8262	31 3281	L 6692			18 26 50.67	+2.4727	+0.0016	24 19 6.2	+ 2.343	+357	10.0	+ 22	- 6	9.1	F 5
8263	25 3549	C 8989			26 56.63	2581	17	31 32 6.4	351	326	9.0	- 31	- 22	8.4	K
8264	24 3443	B 6512	720		27 22.10	4515	16	25 4 49.0	388	354	12.3	+ 13	+ 11	9.3	
8265	25 3551	C 8990	729	34320	27 25.54	4670	16	24 31 45.8	393	356	12.1	+ 17	- 23	9.2	A 2
8266	31 3282	L 6697	732		27 28.96	4510	16	25 5 57.7	398	354	10.2	+ 11	- 21	7.96	M a
8267	28 3013	C 8993		34330-1	18 27 33.33	+2.2695	+0.0017	31 10 54.9	+ 2.404	+328	12.2	+ 2	- 23	8.8	
8268	30 3218	L 6698			27 33.33	3542	17	28 25 54.0	404	340	10.6	+ 19	+ 9	7.45	B 9
8269	27 3043	C 8995	736		27 38.69	2978	17	30 16 52.0	412	332	10.7	- 25	- 7	9.0	
8270	24 3444	C 8996	737-8	34352	27 44.78	3738	16	27 46 30.6	421	343	11.0	+ 25	+ 5	8.7	
8271	24 3445	C 8997	739		27 52.03	4543	16	24 59 10.0	432	354	10.3	+ 5	- 18	8.96	F 0
8272	25 3557	C 9000	744-5		18 27 54.02	+2.4573	+0.0016	24 52 50.4	+ 2.434	+354	9.5	+ 21	- 26	9.6	
8273	24 3446	C 9005	756-7		28 6.93	4517	16	25 4 56.9	453	354	10.2	+ 17	- 12	9.2	
8274	28 3016	C 9008	764-5		28 21.86	4541	16	25 0 4.8	475	355	9.6	- 28	+ 6	7.71	A 5
8275	25 3560	C 9006			28 23.50	3427	17	28 49 24.7	477	338	9.2	+ 30	- 11	8.6	K 2
8276	23 3361	B 6521			28 24.10	4330	16	25 44.45.7	478	351	9.6	+ 1	- 18	9.0	
8277	25 3564	C 9013	779		18 28 26.37	+2.4817	+0.0016	24 0 41.2	+ 2.481	+358	9.6	+ 32	- 34	9.2	F
8278	28 3018	C 9016	783		28 55.98	4423	16	25 25 20.0	524	352	8.3	- 5	+ 34	7.53	G 5
8279	25 3565	C 9015	780		29 1.69	3579	17	28 19 33.2	532	340	9.9	- 16	+ 10	9.1	
8280	24 3449	B 6530			29 2.52	4275	16	25 56 37.4	533	350	10.0	+ 2	+ 5	9.3	
8281	24 3450	B 6531			29 5.01	4802	16	24 4 25.5	537	358	9.6	+ 15	+ 8	8.0	F 0
8282	26 3288	C 9017			18 29 5.76	+2.4652	+0.0016	24.36 41.4	+ 2.538	+356	9.9	+ 19	+ 13	7.71	F 0
8283	30 3223	L 6715	794	34418-9	29 8.97	4159	16	26 21 0.3	543	348	10.1	+ 3	+ 5	9.2	
8284	29 3285	C 9021	796		29 23.44	2922	17	30 29 9.7	564	331	9.3	- 1*	- 7*	5.37	B 8
8285	31 3287	L 6716			29 29.11	3163	17	29 42 30.0	572	334	10.2	+ 13	- 21	9.2	
8286	28 3019	C 9022			29 37.90	2595	17	31 31 37.3	585	326	10.3	+ 1	- 26	8.7	
8287	30 3226	C 9023	805		18 29 39.75	+2.3568	+0.0017	28 22 15.0	+ 2.587	+340	10.5			9.2	
8288	30 3227	L 6720	818-9	34440	29 51.06	3046	17	30 5 33.1	604	333	9.7	+ 12	- 18	8.31	A 0
8289	28 3020	C 9025	816		29 57.54	2819	17	30 49 23.6	614	329	9.6	+ 6	+ 1	6.43	B 3
8290	25 3569	C 9026	808-9		30 0.87	3385	16	28 59 10.5	618	336	11.2	+ 18	- 1	9.3	
8291	29 3287	C 9027	820		30 4.18	4270	15	25 58 33.2	622	349	11.4	+ 4	+ 12	9.6	
8292	29 3288	C 9029			18 30 4.88	+2.3100	+0.0016	29 55 20.7	+ 2.624	+332	12.2	- 7	+ 8	9.2	
8293	30 3234	L 6726	834		30 25.36	3263	16	29 23 39.9	653	334	11.3	+ 12	- 26	9.2	
8294	26 3293	C 9031	829		30 25.67	2928	16	30 28 55.8	654	330	10.4	+ 2	+ 35	9.1	K 0
8295	25 3571	C 9030	826		30 29.75	4015	16	26 51 57.0	660	346	11.0	+ 14	+ 94	9.2	
8296	28 3021	C 9032			30 30.70	4500	15	25 10 14.0	661	352	10.0	+ 12	+ 17	9.2	
8297	30 3236	L 6729	844	34453-4	18 30 34.92	+2.3616	+0.0016	28 13 28.4	+ 2.667	+340	9.2	+ 25	- 13	7.41	B 8
8298	29 3291	C 9036	847	34465	30 43.19	2936	16	30 27 38.6	679	330	10.4	+ 18	+ 6	8.6	B 9
8299	28 3024	C 9037			30 50.65	3180	16	29 40 22.7	690	333	9.5	+ 43	- 95	6.75	K 0
8300	31 3296	L 6731	859		30 57.80	3480	16	28 41 5.6	700	338	9.0	- 3	+ 16	7.6	A 2
					31 7.61	2547	16	31 41 58.1	714	324	11.1	+ 41	- 42	9.2	

8254. Number of observations 7. 8255, 8266, 8267, 8269, 8272, 8283, 8293, 8297. Number of observations 6. 8260. Burnham 8616. 8265. Number of observations 8.
 8266. Burnham 8624. 8271. Magnitude in Berlin 8.7. 8273. Number of observations 4. 8283. Burnham 8640. 8285. Σ 2340.

No	B.D.	A.G.C.	W.B. (2)	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
8301	31 3297	L 6734	864-5		18 31 8.98	+2.2561	+0.0016	31 39 27.3	+ 2.716	+324	10.6	- 27	- 16	8.5	A 5
8302	29 3293	C 9042	856		31 10.08	3107	16	29 54 45.8	718	332	9.4	+ 2	- 12	7.41	A 0
8303	30 3238	L 6735	860-1		31 12.31	2949	16	30 25 31.0	721	330	9.8	+ 8	- 10	8.7	A
8304	26 3298	C 9043	855		31 15.11	3995	16	26 56 38.2	725	345	11.0	- 8	+ 12	9.1	A
8305	26 3300	C 9045	862-3		31 21.15	3977	16	27 0 24.8	734	345	11.3	+ 13	- 16	9.3	A
8306	24 3458	B 6552			18 31 33.36	+2.4671	+0.0015	24 34 38.1	+ 2.751	+355	9.5	- 5	- 6	8.6	G 0
8307	31 3299	L 6737	884-5		31 56.66	2485	16	31 54 28.3	785	323	9.9	+ 10	+ 8	9.2	B 9
8308	25 3578	C 9049		34510	32 5.37	4472	15	25 17 35.9	798	351	9.2	+ 3	+ 6	8.1	B 9
8309	27 3053	C 9050	886-8	34519-20	32 10.51	3943	16	27 8 14.6	805	344	9.5	+ 2	- 26	8.0	K 0
8310	29 3295	C 9051			32 11.40	3070	16	30 2 59.6	806	332	10.0	+ 16	- 2	8.31	A 0
8311	31 3300	L 6741			18 32 12.39	+2.2605	+0.0016	31 32 4.8	+ 2.808	+325	10.4	+ 20	+ 47	9.0	G 5
8312	30 3243	L 6742	896		32 14.51	2904	16	30 35 12.8	811	329	11.0	+ 3	- 37	9.2	G 5
8313	25 3579	C 9052			32 15.94	4317	15	25 50 22.6	813	348	10.7	- 8	+ 8	9.2	G 5
8314	25 3581	C 9053		34521	32 18.16	4377	15	25 37 52.2	816	350	9.6	+ 1	- 23	8.5	A 5
8315	29 3296	C 9057	916		32 46.36	3103	16	29 56 0.4	857	332	10.3	- 12	+ 28	8.31	K 2
8316	30 3244	L 6746	917	34550	18 32 48.49	+2.2931	+0.0016	30 30 31.4	+ 2.860	+329	8.8	- 17	+ 49	6.62	G 5
8317	26 3306	C 9056	911		32 48.86	4248	15	26 5 20.2	860	348	9.8	+ 13	- 7	9.1	G 5
8318	29 3297	C 9059	919		32 56.72	3125	16	29 53 1.3	872	332	10.5	+ 24	+ 4	9.2	G 5
8319	30 3245	L 6751		34558	33 6.84	2976	16	30 22 1.6	886	330	9.4	+ 17	- 25	7.46	G 5
8320	29 3299	C 9068	930		33 18.57	3157	16	29 47 0.0	903	333	10.5	0	- 55	9.6	G 5
8321	24 3469	B 6570	928	34562	18 33 28.06	+2.4739	+0.0015	24 21 34.5	+ 2.917	+356	10.0	- 42	- 123	7.43	F 8
8322	28 3030	C 9070			33 29.07	3449	16	28 49 30.7	918	337	11.3	- 26	+ 23	9.8	F 8
8323	29 3300	C 9071	935		33 29.85	3100	16	29 58 16.2	920	332	11.5	+ 13	- 11	9.2	F 8
8324	28 3031	C 9072			33 35.28	3606	16	28 18 2.3	927	340	11.9	+ 3	+ 6	9.2	F 8
8325	30 3248	L 6758			33 42.47	2896	16	30 38 11.6	937	329	11.3	+ 13	+ 9	8.4	G 5
8326	28 3032	C 9077	945		18 33 43.87	+2.3404	+0.0016	28 58 46.2	+ 2.940	+336	10.8	+ 25	- 5	8.0	K 2
8327	25 3585	C 9076	940		33 47.07	4548	15	25 2 42.4	944	353	12.2	+ 2	+ 1	9.3	K 2
8328	29 3302	C 9080	958-9		33 59.72	3245	16	29 30 17.3	963	333	10.0	- 18	+ 78	6.76	K 0
8329	26 3311	C 9081			34 5.61	4186	15	26 19 33.2	972	346	11.1	- 7	- 29	9.6	K 0
8330	26 3312	C 9082			34 6.28	4048	15	26 48 8.9	972	345	11.4	- 2	+ 6	9.2	K 0
8331	28 3037	C 9087	972	34597	18 34 27.98	+2.3535	+0.0015	28 33 3.9	+ 3.003	+337	8.8	- 10	+ 23	6.59	A 0
8332	31 3311	L 6765			34 32.52	2630	16	31 29 41.3	011	325	11.6	- 9	+ 16	8.6	A 0
8333	31 3313	L 6764	977		34 32.63	2711	16	31 14 15.9	011	325	11.2	+ 33	+ 7	7.7	G 5
8334	31 3314	L 6766	978		34 36.49	2720	16	31 12 39.7	015	326	12.2	+ 18	- 2	9.1	G 5
8335	26 3313	C 9088			34 41.90	4046	15	26 49 13.0	024	345	11.1	+ 11	+ 9	9.1	G 5
8336	28 3039	C 9090	979		18 34 45.21	+2.3445	+0.0015	28 51 27.5	+ 3.028	+336	10.92	- 46	- 461	8.2	G 5
8337	25 3590	C 9089	974-5	34612	34 45.49	4512	15	25 11 15.9	028	351	9.8	- 14	- 6	7.71	F 0
8338		C 9104			34 45.74	3451	15	28 50 12.7	029	336	13.2	- 2	- 53	9.3	F 0
8339	28 3038	C 9091			34 47.11	3635	15	28 13 24.1	031	339	11.3	+ 5	+ 36	8.4	K 0
8340	27 3067	C 9093			34 48.47	3719	15	27 56 16.5	032	340	12.3	+ 8	+ 9	9.0	K 0
8341	28 3040	C 9094	982	34618	18 34 50.78	+2.3517	+0.0015	28 37 4.7	+ 3.037	+337	11.0	+ 13	- 9	8.0	F 0
8342	31 3315	L 6770	989		34 50.78	2698	16	31 17 9.9	037	326	11.6	- 13	- 14	8.8	F 0
8343	24 3480	B 6581		34615	34 59.17	4687	14	24 34 4.4	048	354	10.7	+ 41	- 49	8.0	F 5
8344	26 3316	C 9096			35 0.75	3988	15	27 1 30.2	051	344	13.0	+ 9	- 12	9.2	F 5
8345	30 3252	L 6771			35 2.25	2850	16	30 48 21.0	052	328	12.4	+ 9	+ 28	9.2	F 5
8346	24 3482	B 6586		34620	18 35 6.54	+2.4782	+0.0014	24 13 32.2	+ 3.060	+355	12.2	+ 9	- 25	8.6	G 5
8347	30 3253	L 6775	999		35 9.31	2889	16	30 40 48.9	062	329	13.3	- 8	- 4	9.1	A
8348	31 3318	L 6776			35 10.06	2597	16	31 36 35.4	064	324	13.8	+ 65	- 58	9.2	A
8349	30 3255	L 6777	1004		35 12.86	2985	16	30 22 18.8	068	330	10.3	+ 13	- 11	7.31	M a
8350	27 3069	C 9099			35 15.90	3769	15	27 46 37.5	072	341	12.2	+ 58	- 15	9.0	F 8

8301, 8316. Number of observations 6.

8341. Σ 2356.

8343. Burnham 8702.

8344. Burnham 8703.

8347. Burnham 8704.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.	
												R.A. ^{0.0001} .	Dec. ^{0.001} .			
					h m s	s	s	° ' "	"	"						
8351	26 3318	C 9098	993		18 35 16.01	+2.4185	+0.0015	26 20 39.4	+ 3.072	+3.46	13.4	+ 29	+ 13	9.3		
8352	31 3320	L 6778			35 16.67	2766	16	31 4 40.2	073	326	13.8	+ 19	- 22	8.6	A 0	
8353	31 3321	L 6779	1007-8		35 18.09	2676	16	31 21 41.1	075	325	11.4	+ 14	- 26	8.0	K 2	
8354	24 3484	B 6592			35 33.18	4764	14	24 17 53.0	097	355	11.5	+ 22	- 35	9.2		
8355	29 3310	C 9108			35 54.80	3276	16	29 26 15.1	128	333	11.0	- 2	- 61	8.7	K 2	
8356	25 3594	C 9105			18 35 56.15	+2.4344	+0.0015	25 48 1.7	+ 3.130	+3.49	10.2	+ 22	- 7	8.6	A 0	
8357	26 3319	C 9107	1022	34655	35 56.90	4142	15	26 30 19.6	131	346	9.6	+ 8	- 22	7.7	F 0	
8358	26 3320	C 9109		34657	35 59.64	4257	15	26 6 23.8	135	348	10.7	- 9	+ 3	8.5		
8359	24 3489	C 9111		34660	36 8.24	4591	14	24 55 34.2	148	352	9.9	0	+ 11	8.46	K 0	
8360	25 3595	C 9112			36 13.02	4429	15	25 30 18.5	155	349	10.2	+ 21	+ 3	9.2		
8361	24 3491	B 6598	1027	34666	18 36 22.90	+2.4679	+0.0014	24 37 11.4	+ 3.169	+3.53	9.7	- 7	+ 4	8.0	K 0	
8362	26 3322	C 9117	1033-4		36 30.35	3996	15	27 1 9.2	180	344	10.0	- 17	+ 6	8.8		
8363	30 3262	L 6785	1038	34680-2	36 36.08	2870	16	30 45 55.3	188	328	9.8	+ 7	+ 45	6.48	K 0	
8364	26 3324	C 9119		34675	36 43.23	4277	15	26 2 49.2	198	348	10.5	+ 13	+ 27	6.74	B 9	
8365	31 3324	L 6786	1040-1		36 43.89	2616	16	31 34 33.6	199	324	9.9	+ 8	- 29	8.0	K	
8366	26 3325	C 9122			18 36 58.17	+2.4146	+0.0015	26 30 36.2	+ 3.220	+3.46	10.1	- 66	+ 12	9.6		
8367	30 3264	C 9124	1046		37 1.34	3047	16	30 12 18.5	224	330	11.8	- 5	- 14	8.46	A 0	
8368	31 3327	L 6792	1051-2	34705	37 6.06	2624	16	31 33 32.6	231	324	10.8	+ 3	+ 26	7.7	A 5	
8369	29 3314	C 9127			37 12.15	3199	16	29 42 38.8	240	332	12.5	+ 28	+ 18	9.2		
8370		C 9126			37 16.03	4596	14	24 55 40.1	245	352	13.0	+ 15	+ 10	9.2		
8371	24 3493	B 6602	1048	34694	18 37 17.76	+2.4648	+0.0014	24 44 23.7	+ 3.248	+3.53	12.1	+ 14	+ 23	7.79	A 5	
8372	30 3268	L 6793			37 17.80	3009	16	30 19 56.3	248	330	12.0	- 17	+ 17	8.4	K 5	
8373	27 3078	C 9134			37 26.31	3912	15	27 19 26.2	260	343	12.0	+ 23	- 77	9.2		
8374	26 3329	C 9133	1058		37 27.20	4265	15	26 6 8.7	261	348	12.2	- 3	+ 7	9.1		
8375	31 3328	L 6796	1062-3		37 27.37	2617	16	31 35 16.9	262	324	13.3	- 10	+ 8	9.2		
8376	31 3330	L 6797	1064-6		18 37 30.35	+2.2655	+0.0016	31 28 5.7	+ 3.266	+3.25	12.23	+ 66	- 835	8.8		
8377	26 3330	C 9135		34712	37 33.83	4209	15	26 17 49.0	271	347	12.5	- 9	- 6	8.8		
8378	27 3079	C 9136	1060		37 35.87	3766	15	27 49 35.6	274	341	13.8	- 37	+ 18	9.6		
8379	28 3052	C 9137			37 39.99	3590	15	28 24 49.3	280	338	12.4	- 16	- 25	8.2	A 2	
8380	29 3317	C 9139			37 44.91	3299	15	29 23 32.2	287	333	13.2	+ 37	- 1	9.1	A 5	
8381	27 3080	C 9138	1070	34719	18 37 45.34	+2.3764	+0.0015	27 50 21.6	+ 3.288	+3.41	12.5	- 11	- 13	8.0.	A 2	
8382	30 3269	L 6799			37 47.96	2876	16	30 46 14.9	291	328	13.2	- 1	- 19	9.2		
8383	30 3271	C 9142	1074		37 48.49	3051	16	30 12 20.1	292	330	12.8	+ 19	- 60	6.88	G 5	
8384		C 9143	1075		37 48.82	3049	16	30 12 34.2	292	330	12.6	+ 19	- 60			
8385		L 6801			37 48.57	2894	16	30 42 48.3	292	328	13.1	+ 18	+ 9			9.1
8386		28 3053	C 9141	1072		18 37 49.29	+2.3646	+0.0015	28 14 3.3	+ 3.293	+3.39	13.0	+ 25			- 5	9.2
8387	28 3054	C 9144			37 51.56	3665	15	28 10 19.0	296	339	12.4	+ 69	- 25	9.0		
8388	29 3318	C 9145			37 52.17	3216	16	29 39 56.0	297	332	12.2	+ 38	+ 3	9.2		
8389		C 9146			37 54.83	3441	15	28 55 31.3	301	336	12.2	+ 6	+ 11	9.2		
8390	29 3320	C 9149			38 12.55	3272	15	29 29 17.5	327	333	10.1	- 3	- 16	9.2		
8391	31 3332	L 6803	1091-2	34754	18 38 17.42	+2.2640	+0.0015	31 31 49.9	+ 3.333	+3.24	10.8	+ 11	+ 16	6.47	A 0	
8392	24 3499	C 9150	1084	34736-9	38 18.63	4596	14	24 56 38.9	335	352	10.0	- 13	- 14	7.91	K 5	
8393	26 3333	C 9151			38 21.44	4267	14	26 6 37.5	339	347	10.2	+ 2	- 17	9.6		
8394	27 3084	C 9156			38 37.65	3851	14	27 33 16.5	363	341	11.7	- 10	+ 10	8.8	A 0	
8395		C 9157			38 38.34	3850	14	27 33 22.5	364	341	11.7	- 10	+ 10			
8396	27 3085	C 9161	1105	34769-70	18 38 50.67	+2.3710	+0.0015	28 2 12.7	+ 3.381	+3.40	8.6	- 3	0	7.44	A 0	
8397	27 3086	C 9162			38 55.74	3844	14	27 34 56.8	389	341	11.0	- 18	+ 26	8.4	A 2	
8398	25 3606	C 9164			39 6.35	4391	14	25 41 5.1	404	348	9.8	+ 39	- 13	8.2	K	
8399	25 3607	C 9165			39 11.81	4493	14	25 19 27.7	412	350	11.0	+ 27	+ 59	9.0		
8400	27 3087	C 9166			39 12.98	3764	14	27 52 6.0	413	340	10.8	- 13	+ 43	8.6		

8361. Σ 2364. 8365, 8381. Number of observations 6. 8367. Burnham 8728. 8368. Burnham 8731. 8376. Burnham 8734. 8378. Number of observations 4.
 8383-4. Σ 2367, magnitudes 8.5 and 7.2. 8394-5. These stars form the pair Σ 2371, magnitudes 8.5 and 8.5. 8397. Number of observations 9.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 2000.	Dec. 2000.		
8401	28 3063	C 9167	1122	34794-5	18 39 19.16	+2.3660	+0.0015	28 12 48.4	+ 3.422	+0.339	8.8, 10.4	- 7	- 12	7.52	B 9
8402	28 3064	C 9169			39 22.92	3559	15	28 33 28.5	428	337	10.3	- 8	- 73	8.0	
8403	25 3608	C 9168		34789	39 24.87	4479	14	25 22 39.3	430	349	11.1	- 23	+ 10	8.6	A 2
8404	24 3504	B 6619			39 26.64	4826	13	24 7 59.1	433	355	11.0	+ 7	- 40	8.7	A
8405	29 3326	C 9172			39 32.08	3210	15	29 43 5.8	441	332	10.8	+ 13	- 15	8.8	Ma
8406	28 3065	C 9171	1133		18 39 33.51	+2.3688	+0.0015	28 7 29.9	+ 3.444	+0.339	12.0	+ 14	+ 12	9.1	
8407	30 3279	L 6815	1137-9	34815	39 36.16	2800	15	31 2 45.2	446	326	10.2	- 6	- 16	8.0	B 9
8408	28 3066	C 9174	1136		39 37.31	3474	15	28 50 47.3	448	336	11.3	- 13	+ 2	8.5	A 5
8409	31 3344	L 6816			39 39.52	2523	15	31 55 25.9	451	322	11.4	- 15	- 12	8.6	
8410	29 3327	C 9175			39 40.02	3208	15	29 43 35.5	452	332	11.7	- 4	- 9	9.3	A 2
8411	25 3610	C 9176	1138		18 39 50.62	+2.4572	+0.0014	25 3 14.7	+ 3.467	+0.352	11.6	- 17	- 25	9.3	
8412	27 3088	C 9177			39 52.62	3824	14	27 39 59.2	470	340	11.1	+ 13	+ 3	9.2	
8413	27 3089	C 9178			39 52.96	3837	14	27 37 28.6	471	340	12.0	+ 17	+ 36	9.2	
8414	26 3339	C 9179			39 56.49	4264	14	26 8 43.0	476	347	12.1	+ 3	+ 21	9.9	
8415	27 3091	C 9180	1149	34825-6	40 7.77	3722	15	28 1 14.5	492	339	11.1	+ 7	- 44	8.5	K 0
8416	30 3281	L 6819			18 40 14.86	+2.3032	+0.0015	30 18 47.7	+ 3.502	+0.330	11.2	+ 2	+ 7	8.0	A 0
8417	24 3509	B 6628			40 17.89	4723	14	24 31 8.1	507	354	10.8	+ 27	+ 1	9.0	
8418	31 3347	L 6820			40 20.04	2633	15	31 35 29.4	510	324	11.2	- 36	- 54	9.1	
8419	25 3614	C 9182	1155	34830	40 27.14	4443	14	25 31 27.1	520	349	11.3	- 4	+ 21	8.4	
8420	31 3348	L 6822		34853	40 28.70	2556	15	31 50 17.1	522	323	9.8	- 26*	- 142*	5.52	F 0
8421	24 3513	B 6631			18 40 32.04	+2.4789	+0.0013	24 17 9.3	+ 3.527	+0.355	11.1	+ 19	+ 54	9.2	
8422	26 3341	C 9186	1159		40 36.00	4270	14	26 8 19.0	533	346	11.9	+ 21	+ 11	7.7	G 5
8423	31 3350	L 6823	1167		40 38.72	2730	15	31 17 23.0	536	325	12.6	+ 9	- 24	9.2	
8424	31 3351	L 6824	1168		40 39.28	2704	15	31 22 25.3	537	325	11.4	- 2	- 9	8.6	G 5
8425	29 3331	C 9187	1165		40 40.98	3168	15	29 52 43.8	540	331	12.5	+ 10	+ 14	9.2	
8426	27 3095	C 9188	1166	34859-61	18 40 47.63	+2.3729	+0.0015	28 0 32.5	+ 3.549	+0.339	9.6	+ 1	- 18	7.24	F 0
8427	30 3284	L 6827			40 49.84	2849	15	30 54 45.9	552	327	11.8	+ 18	- 21	9.0	
8428	27 3096	C 9189	1170		40 54.03	3897	14	27 26 17.4	558	341	10.9	+ 38	+ 36	8.0	G 5
8429	29 3332	C 9190	1173		40 56.02	3185	15	29 49 37.8	561	332	11.9	+ 9	- 6	9.1	A 0
8430	30 3285	L 6831			41 0.10	3038	15	30 18 23.6	567	330	11.7	+ 35	+ 1	9.1	
8431	24 3518	B 6637			18 41 9.02	+2.4652	+0.0014	24 47 21.9	+ 3.580	+0.353	11.0	+ 8	- 35	9.0	
8432	26 3344	C 9193	1176-7		41 11.48	4282	14	26 6 18.9	583	346	10.7	+ 27	+ 18	7.8	B 9
8433	26 3345	C 9195			41 12.57	4238	14	26 15 31.7	585	346	11.8	- 1	+ 22	9.6	
8434	24 3519	C 9194			41 13.51	4614	14	24 55 35.9	586	352	11.4	+ 1	+ 4	9.2	
8435	29 3335	C 9197			41 26.33	3334	15	29 20 44.1	605	334	9.7	+ 7	- 15	9.2	F 8
8436		C 9198			18 41 28.36	+2.3364	+0.0015	29 14 48.2	+ 3.608	+0.334	12.3	+ 38	+ 37	9.2	
8437	30 3289	C 9204	1207		41 53.72	3103	15	30 6 50.0	644	331	9.9	+ 30	- 8	8.56	A 2
8438	24 3523	B 6643			41 54.66	4673	14	24 43 46.2	645	353	10.4	+ 12	- 78	9.2	
8439	28 3073	C 9205		34908	41 57.37	3690	15	28 9 41.6	649	338	9.6	+ 9	+ 17	8.1	K 0
8440	27 3101	C 9207	1206		42 0.54	3928	14	27 20 57.7	654	341	10.2	+ 17	+ 1	9.1	
8441	24 3526	B 6647			18 42 11.82	+2.4672	+0.0013	24 44 15.2	+ 3.670	+0.352	8.6	+ 6	+ 15	8.6	A 2
8442	28 3074	C 9212			42 26.36	3628	14	28 22 59.3	691	337	10.8	+ 12	+ 8	9.3	
8443	26 3349	C 9211	1218	34931-2	42 26.87	4157	14	26 33 55.1	692	344	10.0	+ 9*	+ 26*	4.92	K 0
8444	29 3339	C 9213			42 27.46	3377	14	29 13 26.8	693	333	10.4	+ 26	- 63	10.0	
8445	28 3075	C 9214			42 30.33	3672	14	28 14 6.7	697	337	11.2	+ 48	- 6	9.2	
8446	30 3290	L 6849	1229		18 42 33.05	+2.3035	+0.0014	30 20 51.3	+ 3.700	+0.329	11.4	+ 8	- 20	9.2	
8447	24 3527	B 6651	1223	34935	42 40.56	4780	13	24 21 22.3	711	354	9.1	- 21	+ 4	8.2	
8448	28 3076	C 9216	1235		42 45.37	3717	14	28 5 4.5	718	338	9.5	+ 22	+ 11	9.2	
8449	30 3292	L 6854			42 54.83	3002	14	30 27 49.4	732	329	10.2	+ 35	- 59	9.1	
8450	25 3623	C 9218	1238	34957	42 56.35	4479	13	25 26 31.1	734	350	9.2	- 2	- 13	8.0	A 0

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 1900.1.	Dec. 1900.1.		
	°				h m s	s	s	° ' "	"	"					
8451	26 3354	C 9221			18 42 58.96	+2.4210	+0.0014	26 23 23.6	+ 3.738	+344	10.6	- 24	- 4	9.1	
8452	24 3531	B 6654	1246	34966	43 6.87	4800	13	24 17 21.6	749	354	12.4	+ 55	- 29	9.1	
8453	24 3532	C 9222			43 8.77	4609	13	24 58 51.5	752	351	12.5	- 16	0	9.8	
8454	27 3111	C 9223			43 10.42	3925	14	27 23 0.3	754	340	11.6	+ 6	- 63	8.0	K 0
8455	30 3294	L 6859	1252	34976	43 12.23	2996	14	30 29 21.0	756	329	10.6	+ 30	+ 3	7.71	K 2
8456	26 3356	C 9224			18 43 12.68	+2.4144	+0.0014	26 37 29.1	+ 3.757	+343	12.6	- 11	- 48	9.0	
8457	30 3295	L 6860	1254		43 13.88	2941	14	30 40 1.4	759	328	11.8	- 18	- 42	8.8	
8458	24 3533	B 6656			43 17.64	4799	13	24 17 55.6	764	354	13.2	+ 20	+ 7	9.3	
8459	24 3534	B 6657			43 18.27	4794	13	24 18 55.3	765	354	12.0	+ 33	+ 4	9.2	
8460	24 3535	B 6658			43 18.60	4673	13	24 45 7.2	766	352	11.8	+ 14	- 8	9.2	
8461	24 3536	C 9225			18 43 18.77	+2.4618	+0.0013	24 57 8.2	+ 3.766	+351	12.2	- 32	+ 12	9.1	
8462	31 3362	L 6862			43 20.31	2705	14	31 25 27.0	768	323	11.8	- 26	+ 26	9.2	
8463	24 3537	B 6660	1251	34980	43 27.05	4803	13	24 17 11.8	778	354	10.4	+ 3	- 20	8.4	F 0
8464	24 3538	B 6664		34988	43 38.42	4732	13	24 32 41.1	794	353	11.0	+ 32	- 39	8.2	G 5
8465	28 3078	C 9236	1265		43 42.27	3652	14	28 19 30.4	799	337	11.2, 12.8	+ 33	+ 1	8.6	
8466	28 3081	C 9238			18 43 48.14	+2.3486	+0.0014	28 53 14.1	+ 3.808	+334	10.2	- 30	+ 47	8.1	A 2
8467	31 3365	L 6865		34989	43 48.22	2745	14	31 18 23.0	808	324	10.0	- 22	+ 4	7.10	G 5
8468	30 3297	L 6866			43 50.42	3050	14	30 19 39.2	811	329	11.5	+ 13	+ 12	9.2	
8469	31 3367	L 6867	1277		43 56.89	2819	14	31 4 26.7	820	325	10.2	+ 25	- 62	9.2	
8470	27 3115	C 9240		35012	44 0.93	3905	14	27 28 12.0	826	340	11.0	+ 3	+ 2	8.6	
8471	30 3298	L 6869			18 44 2.37	+2.2833	+0.0014	31 1 51.7	+ 3.828	+325	11.6	- 15	+ 12	9.2	
8472	24 3540	B 6666	1274	35008	44 3.40	4813	13	24 15 36.9	830	354	10.5	+ 35	- 71	8.6	
8473	28 3084	C 9242	1278		44 6.12	3471	14	28 56 36.4	834	334	11.4	+ 45	+ 76	8.4	
8474	28 3085	C 9244			44 12.01	3568	14	28 37 13.6	842	336	11.6	+ 16	- 19	8.4	G 5
8475	28 3086	C 9245			44 12.61	3590	14	28 32 38.4	843	336	11.0	+ 4	- 2	7.6	K 2
8476	31 3368	L 6870			18 44 15.22	+2.2744	+0.0014	31 19 13.3	+ 3.847	+324	12.4	- 6	- 17	9.2	
8477	28 3087	C 9247	1292		44 29.47	3471	14	28 57 2.9	867	334	10.4	+ 30	+ 20	8.4	A 5
8478	31 3369	L 6875		35045	44 33.52	2641	14	31 39 23.0	873	322	9.6	- 6	- 21	5.78	B 3
8479	25 3630	C 9248			44 39.64	4345	13	25 56 48.0	882	346	9.2	+ 20	+ 14	8.4	K 0
8480	25 3631	C 9249	1297		44 41.23	4433	13	25 38 14.9	884	348	10.0	+ 27	- 42	9.2	
8481	29 3352	C 9250			18 44 41.62	+2.3190	+0.0014	29 53 8.9	+ 3.884	+330	9.6	+ 30	- 57	8.4	
8482	30 3301	C 9252			44 45.77	3122	14	30 6 41.7	890	330	9.4	+ 75	+ 17	9.0	
8483	30 3303	L 6880			45 7.18	2974	14	30 35 56.1	921	327	9.6	- 8	+ 18	8.6	
8484	30 3304	L 6883			45 23.18	3082	14	30 15 21.4	944	329	10.3	- 11	+ 7	9.1	
8485	28 3091	C 9261	1320		45 32.44	3535	14	28 45 32.0	957	335	10.9	- 3	+ 2	8.8	
8486	24 3545	C 9260	1314	35062	18 45 32.60	+2.4632	+0.0013	24 56 37.9	+ 3.957	+351	10.8	+ 4	- 15	6.56	A 0
8487	27 3122	C 9263		35069-70	45 38.52	3872	14	27 37 0.9	966	340	10.8	+ 8	+ 4	7.00	K 0
8488	26 3365	C 9265	1322		45 43.25	4300	13	26 7 38.2	973	345	11.6	+ 33	- 5	9.2	
8489	31 3371	L 6889			45 44.77	2712	14	31 27 22.5	975	323	11.8	- 4	- 4	8.6	A 0
8490	27 3125	C 9267			45 47.78	3847	14	27 42 18.4	979	339	12.0	+ 17	- 95	8.8	
8491	25 3633	C 9268			18 45 50.22	+2.4486	+0.0013	25 28 16.6	+ 3.983	+349	12.2	+ 1	- 10	8.8	
8492	27 3126	C 9271	1332	35079-81	45 51.65	3876	14	27 36 28.4	985	340	11.8	+ 64	- 3	8.7	F 5
8493	24 3547	B 6682			45 54.26	4864	13	24 6 34.2	988	355	12.2	- 7	- 9	9.2	
8494	29 3357	C 9272	1336-7		45 56.28	3396	14	29 13 53.0	991	333	11.4	+ 1	- 4	8.4	
8495	30 3306	L 6891			45 59.32	2953	14	30 41 10.3	996	327	12.3	- 13	+ 37	9.2	
8496	30 3307	L 6893			18 46 0.84	+2.3019	+0.0014	30 28 33.3	+ 3.998	+328	12.8	- 11	+ 6	9.1	
8497	28 3093	C 9274			46 4.58	3729	13	28 6 54.5	4.003	336	13.0	+ 9	- 3	8.5	A 2
8498	26 3368	C 9277	1344	35093	46 17.54	4249	13	26 19 12.7	022	344	12.6	+ 13	+ 30	6.92	A 2
8499	30 3312	L 6899			46 18.00	2985	14	30 35 36.9	022	327	12.6	- 19	+ 18	9.0	A 2
8500	31 3373	L 6900			46 19.65	2694	14	31 31 30.5	025	322	12.5	- 9	- 25	6.50	B 9

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 8.001.		
8501	28 3095	C 9278		35100	18 46 21.72	+2.3652	+0.0013	28 22 56.4	+ 4.028	+335	11.9	- 5	- 7	9.1	A 2
8502	29 3361	C 9281	1350	35116	46 33.91	3256	14	29 42 37.6	045	330	10.2	+ 11	- 16	7.46	B 8
8503	31 3375	L 6906			46 39.37	2639	14	31 42 30.9	053	321	11.6	+ 11	- 3	9.0	
8504	23 3477	B 6687		35105	46 40.44	4898	12	24 0 3.6	054	354	10.8	- 2	- 23	7.06	K 5
8505	29 3363	C 9285			46 46.27	3427	14	29 8 49.6	063	332	11.6, 13.1	+ 17	- 20	9.1	
8506	30 3317	L 6909	1360		18 46 50.77	+2.3088	+0.0014	30 16 19.1	+ 4.069	+329	10.9	- 17	- 44	8.8	A 2
8507	28 3098	C 9287			46 54.97	3537	13	28 46 57.0	075	334	10.2	+ 18	+ 35	9.2	
8508	28 3099	C 9288		35142-5	47 4.48	3645	13	28 25 10.3	088	335	11.1	- 10	- 8	8.0	K 0
8509	24 3552	B 6696			47 7.06	4731	12	24 36 49.9	092	352	10.7	- 8	- 20	8.5	B 8
8510	30 3321	C 9292	1375		47 13.94	3116	14	30 11 1.0	102	329	11.9	+ 2	+ 8	8.5	
8511	27 3132	C 9291	1374		18 47 15.82	+2.3879	+0.0013	27 37 28.2	+ 4.105	+339	9.6	- 14	+ 4	8.2	G 5
8512	31 3376	L 6911	1380		47 18.61	2789	14	31 14 40.7	109	323	11.4	+ 18	- 13	9.1	
8513	31 3377	L 6913			47 25.94	2749	14	31 22 30.1	119	323	12.2	- 2	- 16	9.1	
8514	29 3367	C 9295			47 31.14	3290	14	29 37 8.3	127	331	10.1	+ 8	- 11	8.4	K 2
8515	30 3323	L 6914	1386		47 32.07	3100	14	30 14 40.3	128	329	11.5	- 3	- 9	9.2	
8516	30 3324	C 9298	1390		18 47 45.38	+2.3148	+0.0014	30 5 28.3	+ 4.132	+329	10.5	- 25	- 12	9.2	
8517	31 3378	L 6918	1393		47 48.67	2748	14	31 23 14.8	147	322	9.8	+ 57	+ 30	9.2	
8518	28 3104	C 9301	1401	35186-9-91	48 3.57	3576	13	28 40 31.7	173	334	11.4	+ 5	+ 13	6.43	K 0
8519	30 3326	L 6919			48 4.46	2984	14	30 38 7.4	174	326	10.5	- 2	- 16	9.0	
8520	29 3371	C 9303	1406		48 9.30	3183	14	29 59 5.7	181	329	11.1	- 5	+ 9	8.31	A
8521	30 3327	L 6923			18 48 23.06	+2.2881	+0.0014	30 58 31.7	+ 4.201	+325	12.2	- 13	+ 4	9.2	
8522	29 3372	C 9306	1411		48 23.32	3443	13	29 7 46.6	201	332	11.8	+ 9	- 1	9.0	
8523	26 3373	C 9305			48 23.35	4269	13	26 17 31.9	201	345	11.8	+ 21	- 15	9.2	
8524	24 3555	B 6711			48 24.44	4795	12	24 24 27.3	203	352	11.5	- 10	+ 4	8.8	B 9
8525	31 3382	L 6924	1415	35208	48 28.89	2785	14	31 17 7.5	209	324	11.4	+ 18	+ 17	8.6	B 9
8526	28 3106	C 9307	1413	35205-6	18 48 28.99	+2.3583	+0.0013	28 39 37.6	+ 4.209	+334	11.4	+ 18	- 7	8.2	G 0
8527	27 3142	C 9308			48 30.62	4024	13	27 9 0.5	211	341	10.4	+ 15	+ 54	7.6	A 5
8528	30 3329	L 6926			48 33.44	3022	14	30 31 22.3	215	327	11.6	- 10	- 5	8.7	
8529	25 3650	C 9310		35204	48 35.43	4376	13	25 55 2.0	218	346	11.4	+ 7	- 6	7.7	F 2
8530	24 3556	B 6714	1412		48 38.38	4846	12	24 13 43.2	222	353	12.6	- 2	+ 27	9.2	
8531	26 3375	C 9311			18 48 38.57	+2.4318	+0.0013	26 7 27.7	+ 4.223	+345	12.2	+ 9	0	9.2	
8532	26 3376	C 9313			48 38.87	4202	13	26 32 4.3	223	344	11.8	- 38	- 88	9.2	
8533	24 3558	C 9316			48 46.85	4643	12	24 57 58.3	235	350	9.8	+ 5	- 11	8.68	K 0
8534	26 3378	C 9318			48 47.04	4174	13	26 38 9.3	235	343	10.4	- 17	+ 8	8.0	A 0
8535	26 3379	C 9319			48 48.50	4235	13	26 25 16.8	237	344	10.6	+ 58	+ 152	7.9	G 0
8536	29 3375	C 9324			18 48 57.16	+2.3362	+0.0013	29 24 42.4	+ 4.249	+331	10.5	+ 12	- 39	8.1	A 0
8537	26 3380	C 9323			48 58.83	4191	13	26 34 44.3	252	344	10.0	- 7	+ 4	8.1	B 9
8538	30 3332	L 6930			49 7.06	2913	14	30 53 26.0	263	325	9.6	+ 1	+ 29	9.2	
8539	31 3384	L 6933	1443		49 23.95	2788	14	31 17 54.8	287	324	9.7	- 6	+ 12	8.6	F
8540	30 3333	L 6934	1446		49 30.34	3090	14	30 19 22.8	296	328	10.6	+ 25	+ 13	8.6	
8541	25 3654	C 9330	1442	35242	18 49 39.06	+2.4565	+0.0013	25 15 53.5	+ 4.309	+349	10.4	+ 15	- 11	7.61	G 5
8542	31 3386	L 6937	1458		49 41.62	2776	14	31 20 35.2	313	323	10.6	+ 9	+ 13	8.8	
8543	24 3568	B 6721	1445	35241	49 42.32	4869	12	24 9 58.7	314	352	11.1	- 1	- 16	8.4	A
8544	25 3655	C 9332	1447		49 44.98	4424	13	25 46 24.5	317	347	10.8	- 11	- 7	8.5	
8545	24 3569	B 6722	1448		49 47.81	4723	12	24 42 0.9	321	350	11.0	- 9	- 11	8.6	
8546	26 3385	C 9335	1459		18 49 56.15	+2.4332	+0.0013	26 6 10.6	+ 4.333	+345	11.1	+ 4	+ 1	9.2	
8547	25 3656	C 9336			49 59.07	4470	13	25 36 46.9	337	348	10.1	- 21	- 10	9.3	
8548	28 3112	C 9338			50 2.34	3561	13	28 46 15.2	342	333	10.2	+ 30	- 6	9.1	
8549	29 3382	C 9340			50 13.29	3405	13	29 17 54.9	358	331	11.0	- 36	- 21	9.1	
8550	29 3384	C 9341	1474		50 14.58	3336	13	29 31 44.2	359	330	8.9	+ 16	- 18	8.4	A

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 0.001.	Dec. 0.001.		
8551	29 3385	C 9343			h m s	s	s	° ' "	"	"	10.0	- 9	+ 15	9.0	K 2
8552	27 3150	C 9345	1489	35296-7	18 50 25.10	+2.3398	+0.0013	29 19 32.9	+ 4.374	+0.331	8.5	- 4	- 71	5.82	
8553	29 3386	C 9348	1488		50 38.59	3851	13	27 47 51.2	394	337	8.8	+ 29	+ 56	8.6	
8554	23 3494	B 6734			50 43.83	3302	13	29 39 21.0	401	329	10.2	- 5	- 54	9.3	
8555	29 3389	C 9351	1497		50 59.85	4913	11	24 1 57.5	424	352	9.4	- 1	- 15	9.2	
8556	23 3495	B 6735			51 0.71	3220	13	29 56 0.8	425	328					
8557	30 3342	C 9352			18 51 3.30	+2.4918	+0.0011	24 0 47.8	+ 4.429	+0.352	9.2	- 4	- 45	9.2	G 5 K 2 G 0
8558	29 3391	C 9358	1508	35293-332	51 9.85	3136	13	30 12 52.5	438	327	9.8	- 11	- 34	9.0	
8559	30 3344	L 6957			51 21.71	3227	13	29 55 2.4	455	328	9.6	+ 26	+ 26	7.66	
8560	30 3345	L 6959			51 26.27	2887	13	31 1 55.0	461	324	9.6	- 18	+ 13	7.32	
8561	24 3579	B 6743	1512		51 32.96	2970	13	30 45 51.4	471	325	9.8	+ 9	- 27	8.6	
8562	27 3157	C 9362			18 51 37.81	+2.4762	+0.0012	24 35 51.9	+ 4.478	+0.350	10.3	+ 26	- 21	8.6	G 5
8563	26 3394	C 9364	1520	35335-6-7	51 38.30	3907	13	27 37 36.8	479	338	10.6	- 3	- 27	9.1	
8564	30 3348	L 6963			51 43.19	4121	12	26 53 13.1	485	340	10.2	+ 15	- 26	8.5	
8565	29 3399	C 9367	1538		51 48.10	3003	13	30 39 52.1	492	325	10.3	+ 17	+ 1	8.2	
8566					51 57.11	3474	13	29 6 36.8	505	332	10.6	+ 23	- 6	8.6	
8567	25 3663	C 9368		35352	18 51 57.12	+2.3474	+0.0013	29 6 33.5	+ 4.505	+0.332	11.0	+ 23	- 6	7.8	A 0
8568	31 3399	L 6968			52 0.87	4492	12	25 34 43.3	511	346	9.6	- 11	- 5	9.2	
8569	31 3400	L 6969			52 6.42	2805	13	31 18 42.5	518	323	10.2	- 6	+ 12	9.2	
8570	29 3402	C 9370			52 11.74	2881	13	31 4 3.3	526	324	11.2	+ 14	- 17	9.2	
8571	30 3351	C 9372	1548	35369	52 16.48	3365	13	29 28 53.3	533	330	10.3	+ 7	- 28	9.0	
8572	30 3352	L 6975	1556		18 52 20.80	+2.3150	+0.0013	30 11 42.6	+ 4.539	+0.327	10.6	+ 28	+ 6	7.31	A 0
8573	24 3586	B 6751			52 38.09	3039	13	30 34 7.3	563	326	11.1	+ 1	+ 5	9.1	
8574	31 3404	L 6979			52 45.01	4840	11	24 20 19.3	573	351	10.1	- 16	+ 9	8.6	
8575	30 3355	L 6978	1558		52 47.40	2718	13	31 36 26.7	576	321	10.4	- 24	- 30	8.7	
8576	26 3398	C 9379	1557		52 48.03	3000	13	30 41 54.4	578	325	11.0	- 1	+ 12	9.1	
8577	26 3401	C 9382	1563		18 52 50.33	+2.4250	+0.0012	26 27 34.2	+ 4.581	+0.342	11.1	+ 12	+ 17	9.2	K 0
8578	28 3125	C 9383		35400-1	53 2.77	4245	12	26 28 45.4	598	342	11.0	- 10	+ 3	9.2	
8579	29 3409	C 9386			53 3.76	3786	13	28 4 43.6	600	336	10.8	+ 7	+ 72	7.19	
8580	24 3590	B 6753			53 6.62	3304	13	29 42 20.4	604	329	11.1	+ 12	+ 16	8.8	
8581	31 3405	L 6984	1578		53 8.53	4840	11	24 20 39.2	607	351	11.8	- 4	- 39	9.0	
8582	25 3667	C 9385			18 53 9.69	+2.2857	+0.0013	31 10 18.9	+ 4.608	+0.323	12.0	+ 1	+ 3	8.8	A 0
8583	27 3168	C 9387			53 9.91	4381	12	26 0 10.1	609	344	12.6	+ 7	- 7	9.2	
8584	30 3358	C 9390			53 10.53	3943	13	27 32 29.0	609	338	12.4	+ 9	+ 7	9.2	
8585	28 3126	C 9388			53 11.87	3183	13	30 6 36.1	611	327	12.4	+ 29	+ 25	8.7	
8586	29 3410	C 9392			53 12.78	3759	13	28 10 31.0	613	335	12.9	+ 6	+ 35	9.2	
8587	23 3506	B 6755	1573		18 53 15.51	+2.3285	+0.0013	29 46 25.9	+ 4.617	+0.329	12.2	- 10	- 1	8.1	A 0
8588	27 3170	C 9394	1577		53 18.86	4935	11	24 0 5.3	621	352	12.9	+ 24	- 2	9.3	
8589					53 20.25	4049	12	27 10 28.7	623	339	13.0	+ 25	+ 13	9.1	
8590	25 3670	C 9396			53 22.53	4376	12	26 1 30.6	627	344	12.8	- 8	- 15	9.0	
8591	31 3406	L 6987			18 53 22.89	+2.2806	+0.0013	31 20 26.1	+ 4.627	+0.322	13.0	+ 21	- 1	9.2	
8592	25 3671	C 9397		35405	53 23.18	4417	12	25 52 47.8	627	344	12.8	+ 7	- 9	8.2	A 0
8593	31 3407	L 6988	1587-8-9		53 25.11	2887	13	31 4 53.9	630	324	13.0	- 14	- 5	9.0	
8594	25 3672	C 9399		35407	53 28.25	4390	12	25 58 34.0	635	344	11.6	- 8	+ 16	7.34	
8595	26 3405	C 9400	1584		53 28.68	4153	12	26 48 56.3	635	341	12.2	- 16	+ 3	9.2	
8596	31 3410	L 6989			18 53 33.18	+2.2829	+0.0013	31 16 24.8	+ 4.642	+0.323	12.0	+ 3	- 9	8.6		A 2
8597	26 3406	C 9402			53 33.46	4183	12	26 42 44.2	642	341	12.0	+ 16	- 21	9.2	
8598	25 3675	C 9403			53 36.25	4594	12	25 14 57.7	646	347	12.6	+ 6	+ 6	9.2	
8599	31 3411	L 6992			53 41.22	2640	13	31 52 48.8	653	320	10.6	+ 26	+ 15	7.10	
8600	24 3592	B 6759	1590	35441	53 48.24	4762	12	24 38 45.8	663	349	11.0	+ 2	+ 2	8.7	

8565-6. These stars form the pair Σ 2419, magnitudes 8.7 and 8.8. Number of observations 4 and 2.
8589. There is no star corresponding to this number.

8572, 8573. Number of observations 6.
8594. Number of observations 7.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
8601	27 3176	C 9407			h m s	s	s	° ' "	"	"					
8602	27 3177	C 9408	1596		18 53 54.81	+2.3913	+0.0013	27 39 42.9	+ 4.672	+337	11.4	- 8	+ 5	9.2	
8603	28 3131	C 9409			53 55.65	3942	13	27 33 39.6	674	338	11.8	+ 38	+ 4	9.2	
8604	29 3416	C 9413			54 2.79	3747	13	28 14 11.3	684	334	11.4	+ 31	- 19	9.2	
8605	30 3364	L 7005			54 20.51	3234	13	29 58 14.1	709	327	11.0	+ 18	+ 12	8.7	
8606	24 3595	B 6763	1606	35440	18 54 29.47	+2.4782	+0.0011	24 35 12.5	+ 4.721	+349	12.2	+ 16	0	7.46	B 9
8607	27 3183	C 9417		35454-5	54 30.34	3808	13	28 2 23.4	723	335	12.0	- 9	- 15	7.6	K 0
8608	25 3681	C 9415			54 32.41	4615	12	25 11 39.9	725	346	12.0			9.6	
8609	25 3682	C 9416	1608-9		54 32.61	4605	12	25 13 51.0	726	346	11.6	+ 5	+ 4	9.16	G 0
8610	27 3184	C 9420	1614		54 39.38	3925	12	27 38 19.5	735	336	12.0	- 9	- 4	8.6	
8611	27 3185	C 9422	1615		18 54 40.63	+2.3916	+0.0012	27 40 11.2	+ 4.737	+336	12.6	+ 41	+ 25	8.6	
8612	27 3186	C 9425	1618		54 43.21	3938	12	27 35 48.6	741	337	12.0	- 22	- 3	8.4	
8613	25 3683	C 9428	1619-20		54 49.76	4636	12	25 7 34.3	750	346	11.2	+ 7	+ 16	7.91	K 5
8614	25 3684	C 9430			54 50.31	4457	12	25 46 13.7	751	344	11.7	+ 15	- 16	9.2	
8615	25 3685	C 9431		35463	54 53.11	4410	12	25 56 20.8	755	343	10.4	- 23	+ 4	8.2	B 9
8616	24 3596	B 6773			18 54 54.49	+2.4911	+0.0011	24 7 35.2	+ 4.757	+350	11.4	+ 3	- 62	8.7	
8617		C 9432			54 54.97	4371	12	26 4 44.3	757	343	12.6			9.2	
8618	25 3687	C 9434			55 3.00	4577	12	25 20 43.1	769	346	11.4	+ 23	+ 13	8.6	A
8619	27 3188	C 9435	1629		55 3.51	3921	12	27 39 45.4	770	336	11.8	- 29	- 22	9.2	
8620	29 3423	C 9441		35488	55 21.57	3218	13	30 3 8.0	795	326	11.6	+ 52	+ 185	6.55	G 0
8621	27 3193	C 9442			18 55 29.64	+2.4008	+0.0011	27 22 21.3	+ 4.807	+337	11.2	- 2	+ 11	9.2	
8622	24 3598	C 9443	1642-3		55 33.42	4665	12	25 2 10.0	812	348	11.8	- 29	- 134	9.0	
8623	26 3414	C 9446			55 37.69	4331	12	26 14 22.5	818	342	11.8	- 14	- 26	9.2	
8624	29 3427	C 9448			55 48.32	3333	13	29 40 48.3	833	328	10.8	+ 37	+ 16	9.1	
8625	31 3419	L 7024	1661		55 49.79	2760	13	31 33 23.8	835	320	12.2	+ 10	+ 32	8.2	F 0
8626	29 3429	C 9449			18 55 51.36	+2.3394	+0.0013	29 28 41.7	+ 4.837	+329	12.0	+ 47	+ 2	8.6	
8627	30 3376	L 7025			55 56.88	3019	13	30 43 12.7	845	323	11.9	- 2	+ 4	9.2	
8628	31 3420	L 7026	1665		55 58.33	2781	13	31 29 30.8	847	321	11.9	+ 14	+ 16	9.2	
8629	27 3195	C 9452			56 1.14	4086	12	27 6 44.6	851	339	12.5	+ 4	- 20	8.8	
8630	26 3418	C 9453		35511	56 5.51	4372	12	26 6 19.7	857	343	12.6	+ 66*	- 19*	5.28	K 0
8631	29 3432	C 9458			18 56 14.30	+2.3335	+0.0013	29 41 12.8	+ 4.870	+328	13.2			9.1	
8632	26 3419	C 9457			56 15.79	4326	12	26 16 25.0	872	342	13.2	+ 22	+ 17	9.8	
8633	31 3422	L 7027	1679		56 16.55	2761	13	31 33 57.9	873	320	12.6	+ 30	- 1	9.0	
8634	26 3420	C 9459		35520	56 19.44	4339	12	26 13 35.9	877	342	12.8	+ 17	- 22	8.6	
8635	26 3421	C 9460		35521-2-3	56 21.47	4166	12	26 50 23.8	880	340	12.6	+ 3	- 11	6.70	B 8
8636	24 3602	C 9461	1673		18 56 23.75	+2.4669	+0.0011	25 2 54.6	+ 4.883	+347	13.0	- 2	- 11	9.1	
8637	24 3603	C 9462	1674-5		56 27.65	4666	11	25 3 25.3	889	347	12.4	- 4	+ 5	8.6	
8638	29 3434	C 9466	1698		56 37.72	3464	13	29 15 54.4	903	330	12.2	+ 12	- 17	8.6	
8639	25 3694	C 9464			56 37.85	4492	11	25 41 23.2	903	344	11.8	+ 6	- 21	9.2	
8640	28 3146	C 9468			56 41.57	3563	13	28 55 54.1	908	334	12.9	+ 10	- 8	8.1	A
8641	28 3148	C 9471			18 56 43.02	+2.3543	+0.0013	28 59 59.9	+ 4.910	+331	12.4	+ 8	+ 16	8.5	A
8642	27 3198	C 9469			56 43.76	3975	12	27 31 5.1	912	337	12.2	- 15	+ 4	8.8	
8643	28 3147	C 9472	1691		56 43.80	3676	13	28 32 59.2	912	333	11.8	+ 20	+ 25	7.7	K 0
8644	31 3425	L 7031			56 48.30	2866	13	31 14 31.5	918	321	12.4	+ 18	- 3	9.2	
8645		C 9470			56 52.98	3746	13	28 18 45.0	924	334	13.5			9.2	
8646	29 3437	C 9474	1707		18 56 55.19	+2.3369	+0.0013	29 35 20.4	+ 4.928	+329	11.7	+ 33	- 22	9.2	
8647	26 3424	C 9478		35564-7	57 11.33	4136	12	26 57 54.4	950	339	12.0	0	- 18	8.8	A
8648	28 3151	C 9481	1714		57 17.41	3601	12	28 49 3.3	959	332	11.8	+ 23	+ 53	9.3	
8649	26 3425	C 9479		35569	57 17.61	4271	12	26 29 34.5	959	341	12.4	+ 11	- 7	8.2	A 5
8650	26 3426	C 9480		35568	57 17.92	4316	12	26 19 59.8	960	342	11.7	+ 32	+ 3	8.6	A

8602. Burnham, 8934. This is the principal star of a close double, components 9.0 and 12.5.
8625, 8640, 8645. Number of observations 6.

8617. Number of observations 4.
8626. This star is the close double Σ 2430, components 8.5 and 8.5.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. °.0001.	Dec. °.001.		
8651	30 3388	L 7036			h m s	s	s	° ' "	"	"					
8652	26 3428	C 9482			18 57 34.68	+2.3147	+0013	30 20 53.0	+ 4.983	+325	11.9	+ 8	- 14	8.7	
8653	27 3203	C 9483		35587-8	57 36.33	4249	12	26 34 39.3	986	340	11.8	+ 25	- 22	9.0	
8654	26 3429	C 9484	1721	35584-5	57 36.60	4097	12	27 6 46.2	986	339	11.8	- 3	- 5	8.0	A
8655	28 3153	C 9487			57 37.98	4366	12	26 9 47.0	988	342	11.7	- 3*	- 7*	5.50	B 3
8656	26 3430	C 9486	1722		57 43.99	3761	12	28 16 59.6	997	334	12.2	- 10	+ 6	6.78	B 5
8657	29 3444	C 9488	1726	35602	18 57 45.71	+2.4338	+0012	26 16 2.3	+ 4.999	+342	12.0	- 18	- 5	8.6	
8658	24 3607	B 6796			57 48.24	3436	13	29 23 23.2	5.003	329	12.6	+ 16	- 8	6.64	A 0
8659	24 3608	B 6797			57 50.09	4941	11	24 4 52.6	005	351	11.9	+ 5	- 9	9.2	
8660	27 3204	C 9490			57 52.34	4719	11	24 53 48.6	008	347	12.2	- 3	+ 4	6.92	K 2
8661	29 3445	C 9492	1732		57 54.92	4057	12	27 15 48.2	012	338	12.0	+ 16	- 81	9.0	
8662	30 3389	L 7042			18 57 55.15	+2.3506	+0013	29 9 31.0	+ 5.012	+330	11.8	+ 12	+ 11	8.2	A 3
8663	31 3431	L 7045			57 58.97	2995	13	30 51 22.2	018	323	12.2	+ 7	- 4	9.0	
8664	27 3206	C 9493			58 7.16	2888	13	31 12 21.8	029	320	12.4	- 21	- 31	9.2	
8665	27 3207	C 9496			58 8.20	3850	12	27 59 14.1	031	334	12.5	- 3	+ 17	8.4	
8666	25 3703	C 9495	1744		58 13.12	4043	12	27 19 10.6	038	337	12.0	+ 40	- 4	8.5	
8667	28 3156	C 9501			18 58 13.58	+2.4520	+0011	25 37 36.6	+ 5.038	+343	12.2	+ 17	+ 86	9.0	
8668	30 3390	L 7051			58 15.98	3596	12	28 51 44.1	042	331	12.9	+ 8	+ 16	9.6	
8669	23 3536	B 6804			58 32.03	2978	12	30 55 36.0	064	321	11.8	+ 34	- 45	8.5	
8670	27 3212	C 9506			58 36.60	4952	10	24 3 36.2	071	349	12.4	+ 38	- 46	8.8	K 0
8671	30 3392	L 7053	1767		58 40.46	3946	12	27 40 10.0	076	335	12.2	- 32	+ 23	9.0	
8672	27 3213	C 9507			18 58 40.96	+2.3166	+0012	30 18 50.2	+ 5.077	+325	12.4	+ 13	- 14	8.6	
8673	28 3160	C 9508		35638	58 41.47	3944	12	27 40 44.9	077	335	12.0	- 25	+ 17	8.8	
8674	29 3453	C 9516	1775	35661-2	58 42.48	3827	12	28 5 0.9	079	334	12.3	+ 10	- 39	8.6	
8675	31 3441	L 7055	1781		59 8.79	3515	12	29 9 40.5	116	329	10.6	+ 26	- 23	7.73	K 0
8676	25 3709	C 9521	1780		59 14.88	2879	13	31 16 6.2	125	320	10.6	+ 3	- 11	8.2	A 3
8677	25 3708	C 9522			18 59 15.26	+2.2879	+0013	31 16 5.4	+ 5.125	+320	12.3	+ 3	- 11	9.1	
8678	31 3442	L 7058			59 28.03	4457	11	25 53 5.8	143	342	11.2	+ 51	- 39	9.1	
8679	28 3166	C 9524	1804		59 28.78	4658	11	25 9 34.8	144	345	11.6	- 5	- 6	8.31	A 0
8680	25 3710	C 9525	1788	35673	59 29.69	2794	13	31 33 10.4	146	319	12.3	- 1	+ 3	9.1	
8681	29 3457	C 9529	1793	35688	59 34.35	3775	12	28 17 9.5	152	333	11.6	+ 30	+ 1	9.0	
8682	25 3711	C 9528	1811	35706	18 59 37.21	+2.4511	+0011	25 41 36.3	+ 5.156	+343	11.0	+ 7	- 14	6.93	B 8
8683	24 3619	C 9531	1804		59 42.90	3302	12	29 53 35.1	164	326	11.3	- 13	- 5	7.91	K 2
8684	31 3445	L 7065	1811		59 45.39	4449	11	25 55 11.2	168	342	11.4	+ 24	+ 15	8.0	A 0
8685	27 3225	C 9536	1804		59 53.19	4683	11	25 4 40.6	179	346	11.3	- 5	+ 17	8.8	
8686	25 3712	C 9537	1804		18 59 56.77	2800	13	31 32 41.5	184	319	10.0	- 33	- 45	8.6	K 5
8687	26 3437	C 9538	1804		19 0 3.76	+2.3928	+0012	27 46 15.8	+ 5.194	+335	11.7	+ 40	- 36	9.0	
8688	28 3172	C 9540	1804		0 7.90	4457	11	25 54 6.3	199	342	11.8	+ 15	+ 60	9.2	
8689	25 3713	C 9541	1804		0 12.70	4273	11	26 33 42.7	206	340	11.8	+ 11	- 56	9.0	
8690	30 3397	L 7067	1826		0 23.14	3629	12	28 48 25.0	221	331	12.4	- 14	+ 1	9.2	
8691	29 3460	C 9542	1826		0 29.71	4622	11	25 19 2.4	230	345	12.3	+ 28	- 12	9.0	
8692	30 3399	L 7069	1831	35726-7	19 0 29.73	+2.3015	+0012	30 52 54.2	+ 5.230	+322	12.0	+ 7	+ 12	8.8	
8693	27 3228	C 9544	1831		0 33.93	3267	12	30 1 59.9	236	326	11.8	+ 15	- 8	9.1	
8694	28 3174	C 9545	1845-6		0 37.31	3056	12	30 43 51.7	241	322	12.6	+ 19	+ 5	9.2	
8695	30 3402	L 7073	1845-6		0 44.41	4101	11	27 11 7.8	251	337	11.4	+ 21	- 25	7.05	B 9
8696	31 3448	L 7076	1845-6		0 46.51	3719	12	28 30 43.8	254	332	12.4	+ 15	+ 6	9.0	
8697	27 3229	C 9548	1845-6		19 0 52.55	+2.3017	+0012	30 52 10.6	+ 5.262	+322	12.0	- 13	+ 20	9.2	
8698	25 3714	C 9547	1845-6		0 55.17	2906	12	31 13 49.1	266	320	12.1	+ 7	+ 6	8.2	A 0
8699	25 3715	C 9551	1845-6		0 55.29	4032	11	27 25 52.6	266	336	12.8	+ 12	- 5	9.2	
8700					0 55.63	4560	11	25 33 13.3	267	344	12.8	- 33	- 39	9.2	
					1 2.19	4534	11	25 39 4.1	276	343	12.4	+ 5	+ 4	8.2	A 0

8675-6. These stars form the pair Σ 2441, magnitudes 9.3 and 7.7.

8682. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "001.	Dec. "001.		
8701	26 3439	C 9553	1841		19 1 2.94	+2.4381	+0011	26 12 4.9	+ 5.277	+341	12.9	+ 21	0	9.0	
8702	24 3624	B 6832			1 9.79	4774	11	24 46 50.5	287	346	12.6	- 6	- 30	8.6	
8703	26 3441	C 9555	1848		1 14.46	4374	11	26 13 46.7	293	341	12.6	+ 32	- 17	9.2	
8704	27 3235	C 9559	1853	35759-61	1 20.07	3857	12	28 3 7.8	301	333	12.8	+ 10	+ 3	7.6	A 0
8705	25 3717	C 9558		35753-4	1 22.37	4523	11	25 42 5.4	304	343	12.6	+ 23	+ 14	7.6	A 0
8706	28 3180	C 9562	1859		19 1 28.32	+2.3601	+0012	28 56 8.8	+ 5.313	+329	12.5	+ 6	+ 17	9.2	
8707	30 3409	L 7083	1861	35774	1 30.06	3105	12	30 35 51.4	315	323	12.8	+ 25	- 16	6.39	Ma
8708	31 3453	L 7085		35779	1 32.11	2795	13	31 36 34.2	318	319	12.6	+ 55*	- 48*	5.80	K 5
8709	27 3237	C 9563			1 32.68	3984	12	27 37 1.7	319	335	12.9	+ 39	- 14	9.0	
8710	31 3455	L 7086	1868		1 36.05	2840	12	31 27 53.9	323	319	12.8	+ 23	+ 8	9.0	
8711	25 3719	C 9564		35769-71	19 1 40.43	+2.4501	+0011	25 47 5.4	+ 5.330	+343	13.0	- 25	- 41	7.22	K 0
8712	31 3457	L 7088	1872		1 46.19	2892	12	31 18 8.0	338	320	12.6	+ 8	- 13	8.0	G 5
8713	26 3445	C 9565			1 49.29	4203	11	26 51 14.3	342	338	12.6	- 1	- 15	9.2	
8714	29 3467	C 9566			1 52.17	3499	12	29 17 41.8	346	328	12.8	+ 9	- 37	9.0	
8715	29 3468	C 9567			1 53.15	3519	12	29 13 30.6	347	328	12.0	+ 16	- 9	9.0	
8716	27 3240	C 9570			19 2 0.11	+2.4087	+0011	27 16 11.1	+ 5.357	+336	12.2	+ 6	- 9	8.0	A 0
8717	27 3241	C 9571			2 1.85	4122	11	27 8 50.6	360	336	11.6	0	- 6	8.0	F 5
8718	26 3446	C 9572			2 14.95	4390	11	26 12 0.8	378	340	12.2	- 21	- 10	9.2	
8719	31 3459	L 7095	1890		2 15.38	2878	12	31 21 50.4	379	319	12.6	+ 26	+ 1	9.2	
8720	29 3472	C 9574	1885	35812	2 16.89	3357	12	29 47 1.8	381	326	12.1	+ 16	- 4	6.62	K 5
8721	26 3447	C 9573	1880		19 2 18.08	+2.4223	+0011	26 47 47.0	+ 5.382	+338	12.5	- 1	+ 20	9.2	
8722	29 3473	C 9575	1886		2 18.87	3532	12	29 11 45.4	384	328	11.2	+ 15	- 45	8.0	
8723	28 3186	C 9577	1887-9	35804-5	2 19.92	3597	12	28 58 30.5	385	329	11.0	- 13	- 6	8.0	A 0
8724	28 3187	C 9578		35806	2 21.46	3683	12	28 40 49.2	387	330	11.0	+ 9	- 20	7.7	
8725	29 3475	C 9580			2 35.00	3501	12	29 18 24.2	406	328	11.7	- 2	+ 19	9.0	
8726	30 3412	L 7098			19 2 35.89	+2.3047	+0012	30 49 18.1	+ 5.408	+322	12.0	+ 12	- 16	9.2	
8727	24 3636	B 6843	1894		2 37.97	4855	10	24 30 53.9	410	347	10.4	0	+ 2	8.5	
8728	30 3413	L 7099			2 39.99	3206	12	30 17 58.8	413	325	10.2	+ 49	- 30	8.2	K 0
8729	28 3189	C 9581			2 41.87	3762	12	28 25 10.7	416	331	11.8	+ 41	+ 1	8.7	
8730	27 3245	C 9582			2 45.79	4005	12	27 34 44.1	421	335	12.9	- 36	- 164	9.2	
8731	24 3640	B 6846	1902	35819-20	19 2 53.26	+2.4968	+0010	24 6 38.6	+ 5.432	+347	9.2	+ 41*	+ 3*	5.72	A 5
8732	28 3192	C 9585			2 53.90	3717	12	28 34 48.5	433	330	12.2	- 38	- 74	9.2	
8733	25 3724	C 9583	1904		2 54.37	4623	11	25 22 42.3	433	343	12.3	+ 31	+ 19	9.2	
8734	31 3465	L 7102	1920		3 0.16	2812	12	31 36 2.7	441	318	11.9	+ 13	+ 4	9.1	
8735	28 3193	C 9588	1914	35836-7	3 3.42	3746	12	28 29 12.2	446	330	9.6	+ 54*	+ 68*	5.46	A 5
8736	26 3452	C 9592			19 3 19.66	+2.4366	+0011	26 18 54.3	+ 5.469	+340	12.1	+ 8	- 4	8.4	K 0
8737	27 3248	C 9593			3 21.04	3998	12	27 37 16.3	471	334	10.4	+ 7	- 9	8.7	A
8738	28 3198	C 9594	I		3 25.54	3581	12	29 3 42.4	477	328	10.2	+ 13	+ 44	8.7	
8739	26 3453	C 9595			3 30.05	4296	11	26 34 17.2	483	339	11.3	0	+ 35	8.6	
8740	25 3725	C 9596			3 32.10	4697	11	25 7 32.5	486	345	11.6	+ 16	- 15	9.1	
8741	24 3643	B 6855		35853	19 3 34.20	+2.4899	+0010	24 23 5.7	+ 5.489	+346	11.2	+ 3	- 17	8.7	A 2
8742	25 3726	C 9598	4		3 41.33	4504	11	25 49 55.4	499	342	10.6	- 3	+ 4	8.6	A 2
8743	28 3201	C 9604			3 46.53	3769	12	28 25 42.7	507	330	10.6	+ 27	+ 25	9.2	Ma
8744	24 3644	B 6858	8		3 51.06	4859	10	24 32 22.4	513	346	10.8	+ 12	- 9	9.2	
8745	27 3253	C 9605	21		4 1.14	3951	12	27 48 15.9	527	334	11.0	+ 28	+ 16	9.1	
8746	28 3202	C 9606			19 4 1.40	+2.3759	+0012	28 28 15.0	+ 5.527	+330	12.8			9.6	
8747	30 3425	C 9607	24	35882	4 2.09	3276	12	30 6 36.3	528	324	10.2	+ 111	+ 107	8.06	G 5
8748	25 3730	C 9608			4 14.73	4653	11	25 18 14.2	546	343	12.4	+ 33	- 5	9.2	
8749	30 3427	L 7114	52		4 17.61	3152	12	30 31 49.7	550	322	11.0	- 3	- 23	8.7	
8750	24 3650	B 6862	27	35881-3	4 18.21	4850	10	24 35 0.3	551	346	11.6	+ 8	+ 2	6.66	B 5

8710. Number of observations 4.

8730. Number of observations 7.

8742. Number of observations, 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
8751	29 3482	C 9612			h m s	a	a	o ' "	"	"					
8752	25 3732	C 9610			19 4 18.36	+2.3515	+0012	29 18 42.1	+ 5.551	+0.327	13.0	+ 3	- 36	9.2	
8753	25 3733	C 9611	30	35889-92	4 19.60	4658	11	25 17 15.5	553	343	12.8	- 12	- 23	9.2	
8754	28 3204	C 9613	34		4 21.24	4498	11	25 52 10.2	555	341	11.2	+ 4	- 2	7.26	K o
8755		C 9615		35907	4 21.89	3828	12	28 14 29.8	556	331	12.2	- 28	+ 6	8.8	
8756	29 3483				4 22.93	3414	12	29 39 28.8	558	325	11.9	+ 3	+ 2	8.0	A o
8757	29 3484	C 9616			19 4 23.01	+2.3414	+0012	29 39 28.5	+ 5.558	+0.325	10.6	+ 3	+ 2	9.1	
8758	25 3734	C 9614	31		4 23.87	3357	12	29 51 0.0	559	325	12.4	+ 27	- 21	8.7	
8759	25 3735	C 9618	36	35903	4 24.99	4494	11	25 53 14.5	560	341	13.0	- 7	+ 6	7.56	F 8
8760	30 3430	L 7117			4 34.26	4675	10	25 14 0.5	573	343	11.5	+ 4	- 76	8.8	
8761	30 3429	L 7118	48		4 35.48	3028	12	30 57 2.4	575	320	12.1	- 13	+ 15	7.66	K 5
8762	25 3736	C 9619	37		19 4 36.43	+2.3168	+0012	30 29 9.5	+ 5.576	+0.323	12.1	- 6	- 17	8.7	A o
8763	28 3207	C 9621			4 36.61	4525	11	25 46 49.3	577	342	13.1	+ 15	+ 24	9.6	
8764	26 3458	C 9620		35917-8-9	4 37.57	3829	12	28 14 53.9	578	331	13.0	+ 20	+ 8	8.0	A o
8765	30 3432	L 7121	51		4 38.38	4199	11	26 57 4.0	579	337	11.5	+ 22	- 20	9.1	
8766	24 3654	B 6865	47		4 39.60	3201	12	30 22 37.6	581	323	12.8	+ 12	- 15	9.0	
8767	23 3572	B 6866	49	35928-9	19 4 51.06	+2.4960	+0010	24 11 28.5	+ 5.597	+0.347	11.6	+ 6	- 8	6.96	K 2
8768	28 3208	C 9623			4 52.61	5002	10	24 2 7.3	599	348	11.5	- 1	- 12	9.1	
8769	26 3460	C 9624			4 53.02	3622	12	28 57 57.8	600	328	11.0	- 1	+ 15	9.1	
8770	31 3473	L 7125		35948	4 57.55	4172	11	27 3 7.3	606	337	11.7	+ 3	- 42	9.1	
8771	28 3210	C 9625	61		5 5.02	2734	12	31 55 3.6	617	316	11.6	+ 7	- 7	8.5	
8772	29 3488	C 9626			19 5 11.03	+2.3828	+0012	28 15 52.2	+ 5.625	+0.331	10.5	+ 5	- 20	8.6	
8773	28 3211	C 9627	73		5 16.43	3551	12	29 13 8.8	632	327	11.0	+ 24	- 25	8.8	
8774	30 3439	L 7129	74		5 21.03	3724	12	28 37 48.1	639	330	11.7	- 4	+ 10	9.2	
8775	29 3489	C 9628			5 22.11	3097	12	30 44 44.0	640	321	12.1	- 5	- 7	8.6	A o
8776	30 3438	C 9629		35957	5 22.35	3349	12	29 54 23.7	641	324	11.5	+ 22	+ 7	8.5	A o
8777	27 3257	C 9630			19 5 22.39	+2.3274	+0012	30 9 24.0	+ 5.641	+0.323	11.2	+ 8	+ 2	6.88	K 5
8778	29 3490	C 9632			5 25.82	4050	11	27 30 0.0	646	334	11.9	+ 3	+ 12	8.6	
8779	24 3655	B 6868			5 26.02	3378	12	29 48 32.5	646	325	12.2	+ 5	- 36	8.5	
8780	25 3737	C 9631			5 26.33	4833	10	24 40 35.2	646	345	12.2	- 17	- 60	8.16	K 2
8781	29 3492	C 9633			5 29.67	4698	10	25 10 29.7	651	343	12.3	- 24	- 72	7.96	F 8
8782	26 3462	C 9634	75	35960	19 5 30.32	+2.3392	+0012	29 45 59.8	+ 5.652	+0.325	11.6	+ 1	- 14	8.1	
8783	30 3440	L 7134			5 35.26	4252	11	26 47 24.5	659	337	12.2	+ 18	- 4	8.6	
8784	26 3464	C 9638			5 39.96	3237	12	30 17 23.8	665	323	10.6	+ 9	- 33	9.2	
8785	30 3442	L 7139		35989	5 43.50	4415	11	26 12 33.6	670	339	10.8	- 58	0	9.0	
8786	29 3496	C 9643	93-4		5 54.31	3200	12	30 25 13.9	685	323	9.6	+ 10	+ 11	6.68	B 9
8787	25 3739	C 9642			19 6 0.96	+2.3560	+0012	29 12 43.3	+ 5.695	+0.326	8.8	+ 7	+ 6	8.2	A o
8788	24 3659	C 9645	92		6 1.53	4653	10	25 21 24.2	695	342	11.0	- 23	+ 30	9.7	
8789	25 3740	C 9647			6 9.96	4740	10	25 2 21.8	707	343	10.9	+ 22	+ 7	8.8	
8790	27 3260	C 9648			6 13.54	4540	11	25 46 23.4	712	341	11.1	+ 6	+ 23	9.2	
8791	28 3219	C 9649			6 18.11	3990	11	27 44 3.4	719	333	11.8	+ 6	0	9.2	
8792	25 3741	C 9650			19 6 22.26	+2.3812	+0011	28 21 26.4	+ 5.724	+0.330	11.6	+ 25	+ 17	9.2	
8793	25 3742	C 9651	110		6 32.94	4502	11	25 55 5.9	739	340	10.4	- 23	+ 27	8.8	
8794	28 3222	C 9652			6 39.34	4658	10	25 21 24.3	748	342	10.7	+ 9	- 26	9.0	
8795	28 3223	C 9653			6 44.22	3855	11	28 13 10.6	755	331	10.3	+ 34	- 39	9.0	
8796	31 3478	L 7149		36038	6 45.20	3865	11	28 11 9.6	757	331	12.2	- 30	+ 12	9.1	
8797	30 3450	C 9656			19 6 45.92	+2.2758	+0012	31 53 56.1	+ 5.758	+0.315	9.6	+ 30	+ 22	7.6	K o
8798	28 3225	C 9659			6 51.59	3276	12	30 11 59.5	765	323	13.2	- 46	+ 53	9.2	
8799	24 3666	B 6880			7 1.65	3864	11	28 11 55.0	779	331	9.5	+ 52	+ 46	8.7	
8800	30 3453	L 7155			7 3.86	4853	10	24 39 1.8	782	344	11.6	+ 49	- 11	9.0	
					7 16.57	3057	12	30 56 23.3	800	319	11.8	- 3	- 9	8.2	

8755-6. These stars form the pair Σ 2466, magnitudes 8.0 and 8.5. 8756. Number of observations 2. 8775. Number of observations 4. 8788, 8793. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	De. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. ".001.		
8801	30 3454	L 7156			h m s	s	s	° ' "	"	"					
8802	31 3483	L 7157		36063	19 7 18.15	+2.3034	+0.0012	31 0 59.2	+ 5.802	+319	12.0	+ 6	- 21	9.2	
8803	25 3745	C 9662			7 19.23	2890	12	31 29 13.6	804	317	10.6	+ 50	- 36	7.14	F 0
8804	31 3485	L 7158			7 19.46	4696	10	25 14 15.3	804	341	12.2	+ 4	- 6	8.16	K 5
8805	24 3667	B 6883	130		7 19.88	2986	12	31 10 22.7	805	318	11.8	+ 5	+ 21	8.0	B 9
8806	28 3227	C 9666			7 22.41	4896	10	24 30 5.3	808	345	12.1	- 24	- 78	9.0	
8807	24 3668	C 9667	142-3		19 7 28.78	+2.3833	+0.0011	28 19 12.2	+ 5.817	+330	11.6	+ 24	+ 39	8.2	F
8808		C 9669			7 33.87	4759	10	25 0 36.2	824	343	11.6	+ 1	+ 1	8.46	A 0
8809	26 3470	C 9670			7 35.18	3411	12	29 46 4.3	826	324	12.0			9.2	
8810	26 3472	C 9675		36022	7 39.08	4207	10	27 0 37.8	832	335	11.2	+ 26	+ 38	9.7	
8811	26 3473	C 9676		36120	7 45.18	4421	11	26 14 50.1	840	338	10.8	+ 8	+ 34	8.1	
8812	26 3474	C 9678		36070-127	19 7 45.38	+2.4299	+0.0011	26 41 16.0	+ 5.841	+336	11.0	+ 5	- 8	8.6	
8813	27 3274	C 9680			7 51.72	4328	11	26 35 12.0	849	337	10.0	+ 39	- 31	6.32	F 5
8814	26 3475	C 9682			7 53.75	4155	11	27 12 11.9	852	334	11.6	- 18	+ 3	9.2	
8815	26 3476	C 9681	159	36076	7 57.46	4423	11	26 14 50.7	857	338	10.0	+ 12	- 23	9.2	
8816	29 3506	C 9686		36090	7 57.52	4456	11	26 7 42.3	857	339	10.2	- 9	- 3	7.42	A 0
8817	26 3477	C 9687	165	36082	19 8 0.43	+2.3423	+0.0012	29 44 23.9	+ 5.862	+324	10.7	+ 37	- 18	7.36	K 0
8818	31 3495	L 7167	178		8 4.75	4465	10	26 5 56.8	867	339	11.7	- 29	+ 24	7.40	A 3
8819	31 3497	L 7170		36111	8 11.52	2951	12	31 19 11.1	877	318	10.2	- 5	- 5	9.1	
8820	26 3479	C 9694			8 18.87	3009	11	31 7 57.9	887	318	12.2	- 9*	- 7*	5.77	A 0
8821	29 3511	C 9695			8 32.10	4420	10	26 16 36.8	906	338	11.2	+ 25	- 15	9.1	
8822	25 3748	C 9696			19 8 33.27	+2.3482	+0.0012	29 33 38.9	+ 5.907	+325	10.6	+ 7	- 26	8.8	A
8823	30 3464	C 9699	196		8 43.19	4608	10	25 35 54.6	921	340	10.8	- 1	+ 11	9.0	
8824					8 53.25	3296	12	30 11 52.1	935	322	7.6	+ 14	- 14	7.61	A 0
8825					8 53.82	3297	12	30 11 44.8	936	322	11.0	+ 14	- 14		
8826	29 3513	C 9698	195		8 53.47	3345	12	30 2 11.6	935	323	11.8	- 4	- 19	9.2	
8827	24 3677	B 6896	193	36135	19 8 56.27	+2.3399	+0.0012	29 51 18.8	+ 5.939	+324	9.8	+ 26	- 14	8.2	A 2
8828	27 3285	C 9703			8 57.61	4929	9	24 25 28.5	941	344	9.5	+ 65	- 18	8.0	F 5
8829	27 3287	C 9707			9 2.70	4084	11	27 29 23.0	948	333	12.0	- 5	+ 12	9.1	
8830	28 3237	C 9709			9 15.30	4071	11	27 32 41.1	966	333	10.8	+ 16	- 9	8.7	
8831	26 3485	C 9708			9 16.43	3849	11	28 19 20.2	967	330	12.7	+ 12	- 8	9.1	
8832	30 3470	L 7188			19 9 17.47	+2.4367	+0.0010	26 29 29.5	+ 5.969	+337	12.2	+ 31	+ 40	8.4	
8833	28 3240	C 9712		36153-5	9 20.97	3226	12	30 26 57.6	974	322	12.5	+ 9	- 22	9.2	A
8834	30 3471	L 7190			9 23.32	3631	11	29 4 42.5	977	327	10.8	- 14	+ 35	6.93	A 0
8835	28 3241	C 9713			9 28.41	3107	12	30 50 59.7	984	320	12.2	+ 6	- 1	9.2	
8836	29 3517	C 9715		36168	9 30.32	3807	11	28 28 40.9	987	329	13.0	+ 24	+ 61	9.9	
8837	26 3488	C 9716	214		19 9 35.77	+2.3394	+0.0012	29 53 34.0	+ 5.994	+323	11.0	+ 8	- 7	8.0	A 0
8838	27 3290	C 9717			9 39.54	4436	10	26 15 4.8	6.000	338	12.0	+ 15	0	9.2	
8839	29 3518	C 9719			9 40.52	4083	11	27 30 54.6	001	333	11.2	- 23	+ 10	8.8	
8840	24 3682	B 6903		36171-2	9 51.28	3575	11	29 17 15.6	016	326	12.4	+ 16	- 24	8.5	
8841	24 3683	B 6905			9 53.91	4815	10	24 52 24.0	020	343	11.8	- 8	- 15	8.6	A 0
8842	25 3755	C 9723	216		19 9 55.94	+2.4922	+0.0009	24 28 37.7	+ 6.022	+344	12.5	- 10	- 11	8.4	A 0
8843	28 3245	C 9725	226	36178	9 58.61	4492	10	26 3 38.0	026	339	12.2	+ 11	+ 10	9.1	
8844	30 3473	L 7197	230		9 59.47	3678	11	28 56 14.7	027	327	12.0	+ 1	+ 29	8.5	
8845	27 3298	C 9726	225		10 0.92	3199	11	30 33 41.4	029	321	13.0	+ 19	+ 5	9.2	
8846	26 3490	C 9727	229		10 3.11	4160	11	27 15 14.1	032	333	12.4	- 6	+ 3	9.1	
8847	25 3757	C 9728		36179	19 10 10.12	+2.4426	+0.0010	26 18 8.6	+ 6.042	+337	12.4	+ 14	+ 10	9.2	
8848	24 3684	B 6907			10 11.78	4619	10	25 36 13.5	044	339	11.8	+ 3	- 1	6.80	A 0
8849	27 3302	C 9731	242		10 13.35	4915	9	24 30 40.2	047	344	11.6	+ 10	+ 8	9.0	
8850	26 3492	C 9734			10 30.60	4172	11	27 13 35.9	070	333	12.2	- 7	- 17	8.8	
					10 34.98	4273	10	26 51 58.7	076	335	11.8	- 49	- 26	8.7	

8819. Number of observations 33.

8823-4. These stars form the pair Σ 2483, magnitudes 8.3 and 7.2.

8823. Number of observations 2.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
8851	24 3687	B 6911		36198-9	19 10 35.73	+2.4825	+0.0009	24 51 28.2	+ 6.078	+3.343	12.2	- 7	+ 13	7.16	B 8
8852	28 3250	C 9735		36213	10 43.65	3803	11	28 31 43.9	089	328	11.9	- 3	- 10	8.7	
8853	30 3479	C 9737		36222	10 51.15	3317	11	30 11 40.8	099	322	11.3	+ 22	- 6	7.76	A 0
8854	29 3524	C 9738			10 56.15	3455	11	29 43 53.5	106	323	11.4	+ 26	- 17	8.7	
8855	29 3525	C 9740			11 0.15	3495	11	29 36 0.5	111	324	10.8	- 9	- 106	9.0	
8856	29 3527	C 9742			19 11 1.53	+2.3498	+0.0011	29 35 18.4	+ 6.113	+3.324	10.8	+ 8	- 22	8.7	A 0
8857	29 3526	C 9741	259		11 1.78	3610	11	29 12 29.3	114	325	12.0	+ 6	- 24	9.2	
8858	28 3253	C 9743		36234	11 2.84	3746	11	28 44 25.5	115	327	13.1	+ 21	- 22	9.0	
8859					11 3.25	3746	11	28 44 27.5	116	327	14.2	+ 21	- 22		
8860	24 3689	B 6914			11 6.02	4956	9	24 33 4.7	120	343	13.0	+ 11	- 1	8.8	
8861	25 3761	C 9744			19 11 6.82	+2.4617	+0.0010	25 38 21.1	+ 6.121	+3.338	12.7	+ 20	- 16	9.2	
8862	26 3496	C 9745	257	36230	11 7.55	4360	10	26 34 23.4	122	336	13.0	+ 26	+ 14	8.2	A 0
8863	27 3304	C 9746			11 9.31	4122	11	27 25 33.5	124	332	12.6	+ 12	+ 32	9.1	
8864	25 3762	C 9748			11 19.70	4768	9	25 5 21.5	139	340	11.8	+ 11	- 2	9.1	
8865	27 3307	C 9749	271	36257	11 22.55	4017	11	27 48 13.2	143	331	10.9	+ 2	- 8	6.69	B 8
8866	28 3257	C 9750			19 11 23.36	+2.3893	+0.0011	28 14 17.3	+ 6.144	+3.329	11.4	- 7	- 21	8.0	
8867	31 3514	L 7212		36266	11 24.01	2868	12	31 42 10.1	145	315	10.8, 12.2	+ 40	+ 11	6.70	K 0
8868	29 3529	C 9751			11 25.67	3566	11	29 22 12.4	147	325	10.6	+ 4	+ 8	8.0	K 2
8869	26 3498	C 9753			11 41.97	4464	10	26 12 57.2	170	337	10.6	+ 26	- 52	9.1	
8870	25 3767	C 9756			11 49.07	4634	10	25 35 53.1	179	337	11.4	- 11	- 82	9.6	
8871	30 3491	L 7218		36282-3	19 11 55.02	+2.3277	+0.0011	30 22 7.3	+ 6.188	+3.321	10.2	+ 20	- 44	6.13	Ma
8872	29 3532	C 9759			11 55.20	3524	11	29 31 52.5	188	324	11.5	+ 6	- 11	9.2	
8873	29 3533	C 9760	290		11 55.26	3407	11	29 55 40.3	188	322	11.8	+ 17	- 15	9.2	
8874	25 3768	C 9758			11 56.81	4643	10	25 34 14.4	190	338	11.6	+ 25	+ 18	9.0	
8875	27 3308	C 9761			11 57.89	3970	11	27 59 14.7	192	330	11.0	+ 15	- 11	8.8	
8876	29 3534	C 9762	300		19 12 4.48	+2.3606	+0.0011	29 15 20.4	+ 6.201	+3.325	12.2	+ 30	- 12	9.0	
8877	28 3260	C 9763		36287	12 4.81	3690	11	28 57 55.7	201	326	12.2	- 3	- 71	8.1	G 0
8878	24 3696	B 6921			12 5.27	4898	9	24 37 52.2	202	343	11.0	- 1	- 45	8.6	
8879	28 3261	C 9764			12 5.53	3735	11	28 48 41.0	202	327	12.2	+ 19	- 9	9.0	
8880	28 3262	C 9765			12 9.34	3855	11	28 23 55.8	207	328	11.8	- 4	+ 25	8.8	
8881	28 3263	C 9766			19 12 11.95	+2.3730	+0.0011	28 50 5.7	+ 6.211	+3.327	12.4			9.6	
8882	28 3264	C 9769			12 16.76	3818	11	28 31 44.5	218	328	11.8	- 2	+ 23	9.1	
8883	27 3313	C 9770		36293-4	12 19.36	4169	10	27 17 47.9	221	333	12.0	+ 3	- 8	6.26	B 9
8884	27 3314	C 9771	304	36298-9	12 23.02	4037	11	27 46 0.8	226	331	12.3	- 3	+ 3	6.06	F 8 p
8885	30 3493	L 7223	309		12 23.59	3171	11	30 44 24.1	227	319	12.3	- 13	- 5	8.7	
8886	24 3698	B 6925		36292	19 12 24.45	+2.4903	+0.0009	24 37 26.0	+ 6.228	+3.342	11.3	- 83	- 153	8.0	G 5
8887	30 3495	L 7224		36309-10	12 28.33	3130	11	30 52 42.2	233	319	13.4	- 71	- 101	6.86	K 0
8888	26 3504	C 9773		36302	12 29.41	4334	10	26 42 33.5	235	335	13.5	+ 8	- 13	7.11	F 8
8889	30 3494	L 7225		36311-2	12 29.98	3069	12	31 4 53.7	236	318	12.9	+ 18	- 15	6.75	B 9
8890	31 3517	L 7227			12 32.25	2954	11	31 27 46.2	239	316	12.3	+ 8	- 8	8.2	A 0
8891	25 3770	C 9774			19 12 33.79	+2.4572	+0.0010	25 50 59.4	+ 6.241	+3.338	11.9	- 4	+ 3	8.8	
8892	31 3518	L 7228			12 34.31	3002	11	31 18 12.9	242	317	13.1	- 3	+ 4	8.8	
8893	28 3268	C 9775	312		12 36.09	3939	11	28 7 14.9	244	329	13.2	+ 6	+ 34	8.1	A 2
8894	23 3613	B 6927	308		12 39.71	5054	9	24 3 56.4	250	345	12.7	+ 9	- 29	9.1	
8895	25 3772	C 9777	316		12 53.25	4668	10	25 30 32.9	268	339	12.6	+ 18	+ 28	9.1	
8896	24 3699	B 6928	315		19 12 53.69	+2.5041	+0.0009	24 7 12.4	+ 6.269	+3.344	11.2	+ 3	- 3	8.4	B 9
8897	26 3506	C 9778			12 53.91	4443	10	26 19 50.1	269	336	12.0	+ 10	+ 13	9.1	
8898	26 3507	C 9781			13 4.24	4260	10	26 59 47.7	284	333	12.7	+ 20	+ 24	8.8	
8899	24 3701	B 6930			13 7.58	4924	9	24 34 6.2	288	343	12.7	- 3	- 10	9.0	
8900	30 3497	L 7231	333	36342-3	13 15.54	3108	11	30 58 44.7	299	317	12.0	+ 5	+ 2	8.0	Ma

8858-9. Double star, magnitudes 9.0 and 9.4.

8859. Number of observations 2.

8887. Number of observations 6.

8891. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
8901	27 3321	C 9783			19 13 18.50	+2.4203	+0.0010	27 12 29.6	+ 6.303	+0.332	12.4	+ 33	+ 30	9.2	
8902	26 3509	C 9784		36334	13 22.42	4358	10	26 39 11.4	309	334	12.2	+ 2	- 1	8.4	
8903	24 3704	B 6932	325-6		13 22.94	5031	9	24 10 22.8	310	344	12.6	- 5	- 14	9.2	
8904	25 3778	C 9785	334		13 29.60	4539	10	26 0 7.7	319	336	12.2	+ 20	+ 36	9.1	
8905	29 3542	C 9787			13 41.92	3502	11	29 40 15.0	336	322	10.8	+ 18	- 20	8.8	A
8906	28 3275	C 9786	346	36357-8	19 13 42.18	+2.3805	+0.0011	28 37 23.0	+ 6.336	+0.326	12.0	- 14	- 88	8.2	F 2
8907	24 3706	C 9788			13 47.74	4793	9	25 4 32.2	344	341	12.4	+ 29	+ 40	7.41	A 0
8908	27 3324	C 9792			13 54.90	4050	11	27 46 17.0	354	330	11.6	- 8	- 13	9.1	
8909	31 3526	L 7238			13 59.78	2862	12	31 49 5.3	360	313	11.4	- 31	+ 22	8.6	
8910	27 3326	C 9795			14 1.16	4071	11	27 42 15.2	362	330	12.2	0	- 13	8.8	
8911	25 3779	C 9794			19 14 2.22	+2.4629	+0.0010	25 41 17.8	+ 6.364	+0.337	12.7	+ 37	0	8.6	A 0
8912	26 3513	C 9796	351		14 3.83	4266	10	27 0 31.7	366	333	12.4	- 4	+ 21	8.8	
8913	27 3327	C 9798			14 7.38	4077	11	27 41 3.3	371	330	12.5	+ 1	- 16	9.2	
8914	31 3530	L 7241	359		14 8.75	2988	11	31 24 28.2	373	315	12.2	+ 4	+ 5	8.2	K 0
8915	25 3780	C 9797			14 9.82	4762	9	25 12 3.5	374	339	12.9	+ 145	+ 226	8.36	G
8916	27 3328	C 9799			19 14 11.41	+2.3974	+0.0011	28 3 4.5	+ 6.376	+0.329	12.9	+ 17	0	9.2	
8917	24 3708	B 6940	357	36371-2	14 26.03	5020	9	24 14 52.3	397	342	11.9	+ 62	+ 162	7.06	G 5
8918	29 3548	C 9804			14 31.01	3524	11	29 37 17.5	404	322	12.9	+ 19	- 18	9.0	
8919	30 3502	L 7244	373	36400-1	14 32.29	3159	11	30 51 29.2	405	318	11.6	+ 10	+ 27	6.48	A 0
8920	27 3333	C 9805	369		14 33.40	4136	11	27 29 15.7	407	331	12.7	+ 12	- 20	9.1	
8921	25 3784	C 9803			19 14 34.21	+2.4545	+0.0010	26 0 50.9	+ 6.408	+0.336	11.6	+ 7	+ 9	8.8	
8922	25 3785	C 9806			14 39.36	4551	9	25 59 43.8	415	336	11.6	+ 2	+ 24	9.1	
8923	25 3786	C 9807		36398	14 46.87	4580	9	25 53 34.1	425	336	11.0	- 15	+ 8	7.32	B 5
8924	31 3535	L 7246			14 53.67	2877	12	31 48 9.0	435	313	10.8	- 24	+ 2	9.0	G 5
8925	29 3550	C 9808	380		14 55.64	3479	11	29 47 32.0	437	321	10.4	- 25	- 28	8.0	A 0
8926	30 3505	L 7249			19 15 14.87	+2.3194	+0.0011	30 45 57.2	+ 6.464	+0.319	11.0	- 20	- 21	9.0	
8927	28 3282	C 9810			15 15.75	3786	11	28 44 47.3	465	325	11.8	- 15	- 32	9.2	
8928	31 3538	L 7250	389		15 15.77	2966	12	31 31 20.5	465	315	11.0	+ 34	+ 11	8.4	A
8929	27 3339	C 9812			15 22.89	4031	11	27 53 26.1	475	328	12.0	+ 6	- 2	9.1	
8930	31 3540	L 7252	394		15 23.30	2950	12	31 34 51.2	476	314	11.0	+ 7	+ 11	8.6	
8931	27 3340	C 9813			19 15 27.24	+2.4255	+0.0010	27 5 44.3	+ 6.481	+0.332	10.5	+ 12	- 20	7.02	K 5
8932	26 3521	C 9814	392	36431-2-3	15 31.52	4347	10	26 46 0.1	487	333	10.8	+ 21	- 5	7.36	A 2
8933	25 3790	C 9815		36435-6-7	15 34.26	4539	10	26 4 9.5	491	335	11.0	+ 49	+ 8	9.2	
8934	27 3342	C 9819			15 44.71	4176	10	27 23 19.5	505	330	9.8	- 32	+ 19	9.1	
8935	31 3544	L 7262	408	36473	16 1.61	2891	12	31 47 58.8	529	313	10.0	+ 28	- 4	6.64	B 5
8936	31 3545	L 7263			19 16 5.23	+2.3004	+0.0011	31 25 48.4	+ 6.534	+0.314	10.4	+ 6	+ 2	9.2	
8937	26 3524	C 9825	411		16 19.09	4324	10	26 52 38.9	553	333	11.4	- 10	- 26	8.6	A
8938	28 3292	C 9828			16 21.15	3714	11	29 2 10.5	555	324	11.4	+ 25	- 1	9.1	
8939	26 3525	C 9826			16 22.15	4378	10	26 41 0.3	557	333	11.8	- 11	- 10	9.0	
8940	28 3293	C 9829	418		16 22.64	3898	11	28 23 44.7	557	326	11.8	+ 4	+ 2	8.1	A 0
8941	28 3294	C 9830	421		19 16 23.86	+2.3919	+0.0011	28 19 15.1	+ 6.559	+0.327	11.7	+ 2	+ 7	8.5	
8942	26 3527	C 9831		36480	16 27.33	4435	10	26 28 42.2	564	334	12.6	- 8	- 44	7.55	F 5
8943	26 3528	C 9832		36483	16 27.60	4431	10	26 29 39.2	564	334	12.5	- 26	+ 27	7.40	K
8944	30 3516	L 7266	427		16 29.91	3163	11	30 55 7.5	568	316	12.3	+ 7	- 21	9.1	
8945	28 3295	C 9834			16 30.44	3829	11	28 38 34.3	568	325	11.0	+ 17	- 2	9.1	
8946	30 3517	L 7267	429		19 16 31.23	+2.3225	+0.0011	30 42 28.5	+ 6.569	+0.318	12.6	- 19	- 5	9.2	
8947	27 3348	C 9835		36492	16 32.06	4084	11	27 44 30.6	570	329	10.0	- 15	+ 3	7.9	A 3
8948	24 3717	C 9836			16 34.91	4849	9	24 57 28.3	574	340	12.6	- 30	+ 2	9.2	
8949	28 3297	C 9838			16 36.21	3837	11	28 37 6.9	576	326	13.0			10.4	
8950		C 9840			16 43.37	3640	11	29 18 23.3	586	324	13.5			9.2	

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001	Dec. ".001.		
	°				h m s	s	s	° ' "	"	"					
8951	26 3530	C 9839			19 16 43.39	+2.4474	+0.0010	26 20 52.0	+ 6.586	+0.334	12.6	- 3	+ 7	9.1	
8952	29 3560	C 9843			16 49.73	3578	11	29 31 24.4	595	322	13.0	0	- 51	9.2	
8953	25 3797	C 9842	433		16 53.67	4798	9	25 9 30.1	600	338	12.1	+ 15	- 18	9.2	
8954	29 3561	C 9845			16 55.22	3603	11	29 26 20.6	602	322	12.0	+ 19	+ 4	9.0	
8955	31 3550	L 7273		36474	16 59.71	2863	12	31 55 49.1	609	311	11.2	- 2	- 8	6.64	B 9
8956	31 3554	L 7276			19 17 13.55	+2.2865	+0.0012	31 55 49.5	+ 6.628	+0.311	9.7	- 12	+ 6	8.7	
8957	31 3555	L 7280	451		17 21.66	3088	11	31 12 0.6	639	314	10.4	+ 36	+ 10	9.1	
8958	28 3299	C 9851			17 27.74	3852	11	28 35 50.9	647	326	10.6	0	+ 15	9.2	
8959	27 3354	C 9853			17 40.08	4052	11	27 53 46.5	664	328	10.4	- 12	- 2	9.1	
8960	25 3802	C 9855	460	36540	17 45.19	4732	9	25 26 1.0	671	337	9.2	+ 9	- 2	7.26	B 3
8961	29 3566	C 9857			19 17 49.73	+2.3558	+0.0011	29 37 47.2	+ 6.677	+0.321	9.8	- 5	- 5	8.7	
8962	25 3803	C 9858	467	36549	17 56.38	4742	9	25 24 14.0	686	337	10.1	+ 15	- 6	7.26	B 3
8963	26 3533	C 9860			18 0.37	4454	10	26 27 54.8	692	333	10.4	+ 4	- 33	7.7	F 5
8964	29 3567	C 9861			18 0.49	3442	11	30 1 58.2	692	319	11.8	+ 37	0	9.0	
8965	27 3357	C 9862		36558	18 3.87	4232	9	27 16 8.7	697	330	12.0	+ 5	- 4	8.6	F
8966	25 3805	C 9863	466		19 18 6.61	+2.4770	+0.0008	25 18 13.1	+ 6.701	+0.338	12.3	+ 52	+ 120	9.0	
8967	30 3523	C 9864			18 7.06	3416	11	30 7 38.1	701	318	12.6	+ 23	- 4	9.0	
8968	30 3524	C 9865		36569	18 7.34	3396	11	30 11 35.9	702	318	11.7	+ 11	+ 28	8.01	G 5
8969	31 3559	L 7294			18 8.08	3007	11	31 29 55.8	703	313	12.2	- 38	- 20	9.2	
8970	29 3568	C 9866		36570	18 9.34	3531	11	29 44 3.9	704	320	11.8	+ 37	- 4	7.21	A 2
8971	27 3358	C 9867			19 18 13.03	+2.4165	+0.0010	27 30 57.7	+ 6.709	+0.329	11.4	- 35	- 57	9.2	
8972	30 3527	L 7298			18 19.48	3194	11	30 53 8.7	718	315	10.8	- 30	- 7	9.0	
8973	25 3808	C 9872			18 28.69	4632	9	25 49 43.0	731	336	10.9	- 10	- 33	9.1	
8974	29 3571	C 9873			18 29.18	3468	11	29 57 52.1	732	319	10.2	+ 22	+ 11	8.51	A 5
8975	31 3563	L 7300			18 43.84	2873	11	31 57 51.4	752	311	11.2	0	+ 17	8.5	A 2
8976	30 3531	L 7301			19 18 46.14	+2.3216	+0.0011	30 49 35.2	+ 6.755	+0.316	10.4	+ 2	+ 27	9.0	
8977	28 3306	C 9876			18 49.21	3748	11	29 0 37.0	759	323	10.6	- 11	- 25	9.2	
8978	26 3534	C 9877	495-6	36599-600-1	18 53.19	4318	10	26 59 15.0	765	331	11.6	- 20	- 40	8.0	K 0
8979	24 3727	B 6986			18 59.23	4925	9	24 45 11.2	773	339	11.2	- 6	+ 15	8.4	K 2
8980	25 3810	C 9882			19 3.54	4820	8	25 9 9.8	779	338	11.8	+ 10	+ 19	8.56	G 0
8981	31 3564	L 7304	506-7		19 19 7.00	+2.3118	+0.0011	31 10 15.7	+ 6.783	+0.313	10.9	- 5	- 10	8.6	
8982	25 3811	C 9885	501	36611	19 9.71	4568	10	26 5 21.1	787	334	11.7	- 2*	- 15*	4.92	B 5
8983	29 3573	C 9888			19 11.42	3527	11	29 47 14.7	789	320	12.0			9.0	
8984	31 3566	L 7305	511		19 12.41	3068	11	31 20 21.6	791	313	12.0	- 15	- 41	9.1	
8985	31 3567	L 7308			19 14.31	3001	11	31 33 45.4	793	312	11.5	+ 32	+ 18	8.2	A 2
8986	29 3576	C 9894		36623	19 19 15.38	+2.3437	+0.0011	30 5 50.8	+ 6.795	+0.319	12.0	+ 14	+ 23	7.31	K 0
8987		C 9897			19 26.14	3742	11	29 3 20.2	810	323	13.0			9.2	
8988	25 3813	C 9896			19 26.40	4663	9	25 44 53.3	810	336	11.4	- 32	- 12	8.7	A
8989	28 3312	C 9901			19 35.65	3895	11	28 31 24.9	823	325	12.8	+ 12	+ 3	9.1	
8990	31 3570	L 7311			19 38.58	3029	11	31 29 12.9	827	312	10.5	- 9	- 10	8.0	A 0
8991	31 3573	L 7314	528		19 19 58.39	+2.3081	+0.0011	31 19 33.9	+ 6.854	+0.313	10.0	- 18	+ 12	8.7	
8992	27 3369	C 9906			20 2.80	4102	10	27 48 36.5	860	328	11.5	+ 20	- 10	8.7	A 0
8993	28 3315	C 9908			20 3.43	3996	10	28 11 8.7	861	326	12.0			9.1	
8994	27 3367	C 9907			20 3.73	4164	10	27 35 15.4	861	328	12.6	+ 9	+ 8	9.2	
8995	27 3373	C 9913			20 16.73	4169	10	27 35 9.2	879	328	12.4			9.9	
8996	31 3577	L 7318			19 20 18.76	+2.3144	+0.0011	31 7 49.8	+ 6.882	+0.314	12.8	- 4	- 5	9.1	
8997	29 3583	C 9918			20 26.71	3740	11	29 6 4.9	893	322	11.6	+ 31	- 16	9.2	
8998	29 3584	C 9921	544	36676-7	20 34.63	3642	11	29 26 41.1	904	321	10.3	+ 7*	+ 10*	4.86	B 3
8999	26 3539	C 9923	542		20 38.25	4322	10	27 2 17.8	909	330	11.8	- 10	+ 2	9.0	
9000	26 3540	C 9926	543		20 41.33	4559	9	26 10 29.4	913	333	12.0	+ 35	+ 15	9.0	A

8966, 8975. Number of observations 4.

8982. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. ".001		
9001	27 3379	C 9928		36683	19 20 45.73	+2.4081	+0.0010	27 54 39.9	+ 6.919	+327	12.8	- 3	+ 8	6.36	B 8
9002	28 3319	C 9929		36674-86	20 46.28	3942	10	28 24 13.6	920	325	12.2	+ 10	0	7.59	K 0
9003	30 3542	L 7325	557	36689	20 48.87	3228	11	30 52 15.1	923	316	12.8	- 2	+ 9	7.20	B 8
9004	31 3581	L 7326	559		20 52.44	2965	11	31 44 59.9	928	311	12.1	+ 13	+ 19	9.0	
9005	27 3380	C 9933			20 53.90	4142	10	27 41 50.8	930	328	12.6	+ 17	+ 3	9.0	
9006	26 3544	C 9935			19 21 1.77	+2.4399	+0.0010	26 46 23.4	+ 6.941	+331	12.7	+ 4	- 12	9.1	
9007	26 3545	C 9936	558		21 1.77	4336	10	27 0 7.8	941	329	13.1	- 10	- 3	9.2	
9008	28 3320	C 9937			21 4.19	3788	11	28 57 27.9	944	323	12.5	+ 4	- 12	9.0	
9009	31 3583	L 7328			21 8.89	3046	11	31 29 33.5	951	313	12.7	+ 30	+ 45	9.2	
9010	28 3321	C 9940			21 12.41	3844	11	28 45 53.8	955	324	13.9	- 17	+ 3	9.6	
9011	26 3546	C 9939			19 21 14.87	+2.4528	+ 0009	26 18 43.1	+ 6.959	+333	13.3	+ 3	- 28	9.2	
9012	27 3384	C 9943	572		21 17.60	4225	10	27 24 49.1	962	328	13.0	+ 14	+ 12	9.2	
9013	26 3547	C 9944			21 21.09	4474	10	26 30 39.0	967	332	11.2	0	+ 4	9.2	
9014	29 3588	C 9946			21 28.18	3540	11	29 50 3.5	977	320	13.0	+ 11	- 12	9.1	
9015	31 3587	L 7333			21 28.49	3010	11	31 37 32.1	977	312	12.2	+ 58	- 100	8.2	G 0
9016	25 3822	C 9945			19 21 31.35	+2.4805	+0.0009	25 17 43.8	+ 6.981	+336	12.2	+ 24	0	8.5	K
9017	25 3823	C 9948			21 33.62	4742	9	25 31 45.9	984	335	12.4	+ 2	- 1	8.5	B 9
9018	24 3737	B 7012		36717	21 42.25	4951	8	24 44 58.2	996	338	12.17	- 137*	- 631*	6.17	F 8
9019	25 3824	C 9949			21 42.29	4743	9	25 31 56.7	996	335	11.7	0	- 59	8.1	
9020	26 3549	C 9950	588		21 46.03	4573	9	26 9 44.8	7.001	333	12.0	+ 10	+ 62	8.2	
9021	30 3548	C 9953			19 21 47.79	+2.3418	+0.0011	30 15 52.1	+ 7.004	+317	12.4	+ 28	- 24	9.2	
9022	25 3826	C 9955			21 56.17	4857	9	25 6 46.6	015	337	12.2	- 3	- 2	9.0	
9023	25 3827	C 9956			21 57.24	4639	9	25 55 29.4	017	333	11.2	+ 8	- 12	7.28	B 8
9024	30 3554	L 7338	599		22 1.65	3263	11	30 48 10.0	022	315	11.8	0	- 10	8.8	G 5
9025	29 3590	C 9959			22 1.94	3614	11	29 36 1.0	023	320	12.1	0	- 2	9.2	
9026	24 3740	C 9960		36740	19 22 7.14	+2.4886	+0.0009	25 0 35.9	+ 7.030	+338	12.2	+ 9	- 31	8.7	
9027	28 3328	C 9965		36757-8	22 12.68	3908	11	28 34 47.3	038	324	10.9	+ 28	+ 4	8.0	A 0
9028	24 3742	B 7017	598	36745-7	22 13.61	4924	9	24 52 23.8	039	337	11.7	+ 33	+ 12	8.0	B 9
9029	29 3592	C 9968			22 29.47	3692	11	29 20 59.2	061	321	11.6	- 5	- 36	9.2	
9030	28 3331	C 9969		36767-8	22 31.20	3944	10	28 27 54.9	063	324	10.5	+ 7	- 11	8.4	A 2
9031	30 3560	L 7343	626		19 22 44.49	+2.3211	+0.0011	31 0 20.6	+ 7.081	+313	11.7	+ 16	+ 18	9.2	
9032	25 3833	C 9973			22 46.31	4783	9	25 25 11.0	083	334	11.2	- 6	- 6	8.5	
9033	25 3834	C 9975	623		22 52.30	4812	9	25 18 57.5	092	335	10.8	+ 37	+ 4	8.5	A
9034		C 9976			22 52.77	4812	9	25 18 56.9	092	335	10.7	+ 37	+ 4		
9035	27 3391	C 9978	625	36785	22 54.12	4318	10	27 8 22.2	094	329	9.6	+ 69	+ 87	7.8	F 8
9036	26 3554	C 9979			19 22 55.67	+2.4594	+0.0009	26 7 52.7	+ 7.096	+332	9.8	- 10	+ 8	8.6	A 5
9037	29 3595	C 9981			22 59.98	3584	11	29 44 41.8	102	318	10.4	+ 6	- 27	9.2	A 0
9038	30 3563	C 9983			23 2.99	3479	11	30 6 22.2	106	317	10.6	- 16	- 8	9.0	
9039	31 3592	L 7349	635-6		23 5.34	3172	11	31 9 2.1	109	313	11.6	+ 18	- 14	7.9	G 0
9040	30 3565	L 7351	640		23 12.03	3239	11	30 55 51.0	118	313	11.8	- 16	- 20	9.2	
9041	31 3594	L 7352			19 23 12.35	+2.2990	+0.0011	31 45 49.7	+ 7.119	+310	11.8	+ 26	+ 14	9.2	
9042	29 3597	C 9984		36802	23 12.95	3714	11	29 17 58.7	120	320	11.5	+ 5	- 14	8.6	A 2
9043	25 3838	C 9987			23 25.35	4863	9	25 8 40.5	137	335	11.4	- 20	- 38	9.6	
9044	30 3573	C 9992			23 35.02	3450	11	30 13 45.7	150	316	11.4	- 12	- 1	9.0	
9045	30 3574	L 7357			23 35.46	3365	11	30 31 15.5	150	315	11.2	- 12	- 20	8.8	
9046	28 3339	C 9993			19 23 38.04	+2.3837	+0.0011	28 53 10.7	+ 7.154	+321	11.8	+ 4	- 18	9.0	
9047	27 3395	C 9995			23 40.34	4132	10	27 50 20.9	157	325	11.6	- 3	+ 33	9.0	
9048	24 3750	B 7034			23 48.25	5072	8	24 22 4.6	168	339	11.0	+ 18	- 16	8.2	K 5
9049	30 3578	C 9998			23 51.50	3451	11	30 14 27.8	172	316	10.5	- 1	+ 23	8.31	A 2
9050	29 3602	C10000	660		23 53.95	3728	11	29 16 47.9	176	320	11.5	+ 6	- 16	9.1	

9013, 9027, 9034. Number of observations 4.
9033. Number of observations 6.

9018. Number of observations 30.

9027. This is the principal star of the pair Σ 2522, components 7.5 and 9.0.
9033, 9034. These stars form the pair Σ 2524, magnitudes 8.3 and 8.5.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 8.001.		
	°				h m s	s	s	° ' "	"	"					
9051	30 3579	L 7365			19 23 55.21	+2.3298	+0.0011	30 45 43.7	+ 7.177	+0.314	11.4	- 23	- 65	9.0	
9052	28 3342	C 10001			23 56.05	3849	11	28 51 22.1	178	322	10.9	- 2	+ 12	9.0	
9053	28 3343	C 10003			23 59.28	3988	10	28 22 2.8	183	323	11.1	+ 8	- 24	9.2	
9054	25 3843	C 10004	662		24 2.33	4635	9	26 1 18.0	187	332	12.4	- 17	+ 130	8.6	F 5
9055	26 3559	C 10005	664		24 4.59	4388	10	26 55 52.8	190	329	12.4	- 8	- 1	8.6	A 0
9056	28 3344	C 10006			19 24 12.99	+2.4029	+0.0010	28 13 54.4	+ 7.201	+0.324	11.8	+ 12	+ 28	9.2	
9057	30 3584	C 10008			24 26.74	3489	11	30 7 57.9	220	316	12.4	+ 3	- 6	8.8	
9058	28 3347	C 10009			24 30.45	3937	11	28 34 13.7	225	323	12.8	+ 15	+ 19	9.2	
9059	27 3397	C 10010	680	36866-9	24 36.76	4171	10	27 44 13.0	234	326	11.6	+ 1	- 6	8.2	A 0
9060	29 3608	C 10012			24 37.78	3672	11	29 30 26.6	235	319	12.7	+ 28	+ 9	8.6	A 2
9061	29 3609	C 10014	681	36877	19 24 40.11	+2.3741	+0.0011	29 15 58.9	+ 7.238	+0.319	11.6	+ 20	- 32	6.76	K 0
9062	24 3758	B 7041		36860-1-2	24 41.49	4964	9	24 48 38.9	240	337	11.3	- 18	- 8	7.26	K 2
9063	26 3562	C 10015			24 42.98	4530	9	26 25 55.9	242	331	12.8	- 9	+ 19	9.2	
9064	27 3400	C 10019	686-7		24 52.73	4328	10	27 10 47.3	256	328	12.2	- 10	0	9.0	
9065	24 3759	B 7046	685	36882-3-4-5	24 57.62	5053	9	24 28 55.9	262	337	10.9, 11.7	- 93*	- 113*	4.63	Ma
9066	28 3352	C 10020			19 24 57.73	+2.4018	+0.0010	28 18 2.4	+ 7.262	+0.324	10.7	+ 1	+ 26	8.8	A 0
9067	28 3353	C 10022			25 7.14	3922	11	28 38 54.9	275	321	12.2	+ 20	- 28	9.0	A
9068	29 3610	C 10023			25 7.57	3529	11	30 1 25.1	276	317	12.1	- 22	- 26	8.7	
9069	31 3608	L 7377	701		25 10.65	3197	11	31 9 24.8	280	311	11.3	- 57	- 70	8.1	G 5
9070	24 3761	B 7050	694	36895-6-7-8	25 11.73	5029	9	24 34 57.4	281	337	12.1	- 8*	- 5*	5.98	K 0
9071	29 3612	C 10024	700		19 25 12.36	+2.3701	+0.0011	29 25 35.6	+ 7.282	+0.319	12.6	+ 21	- 38	9.2	
9072	31 3609	L 7381		36914	25 15.17	2978	11	31 53 24.1	286	308	13.0	- 14	- 15	7.81	F 8
9073	30 3588	L 7380			25 15.58	3323	11	30 43 54.9	287	314	12.1	+ 6	- 21	9.2	
9074	31 3610	L 7382	705		25 18.50	3201	11	31 8 53.0	291	311	11.7	- 3	- 13	7.8	K 0
9075	27 3404	C 10026	708	36913-5	25 28.55	4179	10	27 44 35.7	304	325	11.6	+ 2	+ 23	8.0	F 0
9076	31 3612	L 7384			19 25 32.75	+2.3121	+0.0011	31 25 44.5	+ 7.310	+0.310	12.6	+ 4	- 18	9.2	
9077	26 3566	C 10027			25 33.94	4513	10	26 31 49.8	312	329	13.0	0	- 9	8.0	B 8
9078	30 3589	C 10030			25 37.18	3509	11	30 6 39.9	316	317	12.3	+ 23	+ 15	8.36	A 0
9079	26 3567	C 10029			25 39.31	4617	9	26 8 49.4	319	331	12.2	+ 6	+ 32	8.6	F
9080	27 3405	C 10032			25 43.64	4273	10	27 24 49.8	325	326	12.6	+ 6	- 5	9.2	
9081	30 3590	L 7388		36925	19 25 44.38	+2.3438	+0.0011	30 21 45.0	+ 7.326	+0.316	13.1	+ 29	+ 21	7.46	K 0
9082	31 3618	L 7391	721		25 53.39	3124	11	31 25 55.5	338	310	10.38	- 12	- 423	6.98	G 5
9083	24 3764	C 10034	713-4		25 58.57	4916	9	25 2 26.9	345	335	11.7	- 2	- 17	9.2	
9084	30 3595	L 7392		36932	25 59.97	3388	11	30 32 36.8	347	313	10.9	+ 21	+ 8	8.8	A 0
9085	31 3622	L 7393	727		26 3.04	3199	11	31 11 13.8	351	311	11.9	- 2	- 4	8.1	B 9
9086	27 3407	C 10036			19 26 5.68	+2.4342	+0.0010	27 10 37.4	+ 7.355	+0.327	12.1	- 19	+ 10	9.2	
9087	24 3765	B 7061		36934	26 19.45	4965	9	24 52 3.5	373	335	11.0	- 34	- 2	8.0	K 0
9088	25 3855	C 10038	729		26 19.68	4714	9	25 48 50.9	374	332	12.6	- 10	+ 11	8.6	A
9089	28 3363	C 10039	735		26 19.82	3967	11	28 32 13.5	374	322	11.9	- 10	- 5	8.2	K 2
9090	29 3617	C 10042			26 26.78	3804	11	29 7 13.2	383	319	12.7	- 12	+ 25	9.2	
9091	24 3766	B 7062			19 26 28.98	+2.5149	+0.0008	24 10 21.9	+ 7.386	+0.338	12.4	+ 74	+ 31	9.2	
9092	29 3618	C 10044	747		26 36.42	3584	11	29 53 42.3	396	316	11.9	+ 24	+ 7	9.0	
9093	24 3767	B 7066		36944-5	26 39.23	5135	8	24 13 57.7	400	338	10.6	+ 2	- 6	8.5	G 0
9094	24 3768	B 7068		36954-5	26 52.68	4954	9	24 55 53.8	418	334	10.6	- 10	0	8.1	G 0
9095	26 3570	C 10047	749		26 53.23	4385	10	27 3 6.6	419	328	10.6	- 5	+ 3	8.7	A 5
9096	27 3409	C 10048			19 26 56.72	+2.4099	+0.0010	28 5 30.2	+ 7.424	+0.324	10.6	+ 3	+ 7	9.1	
9097	27 3410	C 10049		36969-70	27 5.50	4190	10	27 46 12.5	436	324	12.3	- 2*	- 9*	3.24	K 0, A 0
9098	29 3620	C 10051			27 5.52	3639	11	29 43 25.2	436	317	12.0	+ 22	- 2	9.2	A
9099	31 3630	L 7401	761		27 6.24	3062	11	31 41 35.3	437	309	12.1	+ 6	+ 10	8.5	B 9
9100	30 3603	L 7400	758		27 7.26	3444	11	30 23 54.2	438	314	11.7	- 9	+ 10	7.81	K 0

9057, 9084. Number of observations 6.

9065. Number of observations 65.

9097. Number of observations 33.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ⁸ .0001.	Dec. ⁸ .001.		
9101	27 3411	C 10052		36971-3	19 27 7.58	+2.4189	+0.0010	27 46 32.7	+ 7.438	+3.25	12.0	- 8*	- 8*	5.36	B 9
9102	31 3631	L 7402	762	36987	27 8.48	3034	11	31 47 27.3	440	308	11.8	+ 14	+ 7	7.54	K 2
9103	27 3412	C 10053			27 13.58	4292	10	27 24 16.2	447	325	12.0	+ 8	- 1	9.1	Ma
9104	28 3367	C 10054			27 13.79	4030	10	28 21 3.9	447	321	11.4	+ 2	- 7	9.1	
9105	30 3605	C 10055			27.22.16	3493	11	30 14 36.3	458	316	10.8	- 18	0	8.41	A 2
9106	27 3413	C 10056	764		19 27 31.05	+2.4366	+0.0010	27 8 49.1	+ 7.470	+3.26	11.6	- 6	+ 11	8.8	A 5
9107	29 3623	C 10057			27 31.42	3703	11	29 31 7.4	471	317	11.3	+ 29	- 4	8.6	
9108	27 3415	C 10059	767		27 33.88	4198	10	27 45 40.4	474	324	12.3	- 37	- 39	9.1	
9109	27 3414	C 10058			27 34.15	4250	10	27 34 22.9	474	325	11.8	+ 32	+ 42	9.2	Ma
9110	28 3370	C 10061			27 38.24	4052	10	28 17 19.6	480	322	12.0	+ 20	+ 11	9.0	A
9111	26 3573	C 10062	770	36995	19 27 40.42	+2.4563	+0.0009	26 25 32.9	+ 7.483	+3.29	11.1	+ 4	+ 29	5.96	K 0
9112	27 3417	C 10063	772		27 44.44	4349	10	27 13 10.7	488	326	11.4	+ 4	- 15	9.2	
9113	28 3373	C 10066			27 53.83	3989	11	28 31 33.8	501	321	10.8	+ 5	+ 37	8.2	F 0
9114	26 3574	C 10067		37009	27 56.09	4467	10	26 47 43.3	504	328	11.0	- 21	+ 14	7.7	B 8
9115	30 3610	L 7412			28 3.45	3353	11	30 45 19.2	514	313	11.2	+ 12	+ 27	9.2	
9116	30 3611	C 10068			19 28 15.00	+2.3538	+0.0011	30 7 36.1	+ 7.530	+3.15	10.8	+ 7	- 13	8.71	A 0
9117	28 3375	C 10070	789		28 19.76	3874	11	28 57 4.4	536	319	11.7	- 22	- 64	8.8	
9118	31 3643	L 7417			28 20.55	3084	11	31 40 32.9	537	309	11.4	+ 1	- 3	8.2	M b
9119	25 3864	C 10069	787		28 21.47	4844	9	25 24 11.9	538	332	11.2	+ 24	+ 83	6.90	F 2
9120	29 3628	C 10072		37025	28 23.77	3577	11	29 59 46.4	541	315	11.2	+ 2	+ 20	7.71	K 2
9121	30 3613	L 7420		37036	19 28 24.00	+2.3278	+0.0011	31 1 20.5	+ 7.542	+3.12	12.0	- 14	+ 34	8.1	K
9122	27 3421	C 10074		37023	28 28.74	4122	10	28 4 28.7	548	323	11.4	+ 34	- 1	8.0	A 0
9123	29 3629	C 10075			28 32.47	3696	11	29 35 22.3	553	317	11.2	- 21	- 30	9.0	A 0
9124	27 3423	C 10076			28 42.19	4315	10	27 22 53.4	566	325	11.6			9.0	
9125	27 3425	C 10079			28 45.97	4220	10	27 43 46.9	571	324	11.8	+ 13	+ 15	8.8	A 3
9126	25 3868	C 10077	795		19 28 47.01	+2.4894	+0.0009	25 13 52.1	+ 7.573	+3.33	12.0	- 24	- 69	9.0	
9127	26 3578	C 10080			28 50.06	4636	9	26 12 6.0	577	329	12.2	- 33	- 177	9.2	
9128	27 3426	C 10081			28 51.22	4358	10	27 13 49.7	578	326	10.8	- 23	- 66	8.8	
9129	31 3647	L 7427			28 56.17	3186	11	31 21 36.5	585	310	10.5	+ 10	- 26	9.0	
9130	31 3650	L 7432			29 19.45	3157	11	31 28 28.3	617	310	10.7	+ 15	- 33	9.0	
9131	26 3580	C 10086			19 29 23.46	+2.4658	+0.0009	26 8 44.7	+ 7.622	+3.28	11.2	- 22	+ 9	9.2	
9132	30 3621	L 7434			29 23.72	3315	11	30 56 43.4	622	311	11.0	+ 1	- 17	8.8	
9133	30 3622	L 7435		37077-8	29 25.22	3286	11	31 2 30.7	624	312	11.2	+ 4	+ 16	6.74	F 2
9134	27 3428	C 10089	823-4	37074-5	29 32.12	4377	10	27 11 33.2	634	325	11.6	- 50	- 154	8.5	F 5
9135	28 3379	C 10090			29 32.63	4063	10	28 19 46.7	634	321	11.8			9.1	A
9136	25 3872	C 10087			19 29 32.97	+2.4683	+0.0009	26 3 27.1	+ 7.635	+3.29	11.8	+ 9	- 8	9.1	
9137	26 3582	C 10091			29 36.79	4623	9	26 17 1.4	640	328	12.2	+ 34	- 36	9.2	
9138	27 3429	C 10093			29 38.06	4334	10	27 21 3.4	642	325	11.6	- 26	- 18	9.2	
9139	30 3623	L 7440			29 38.93	3367	11	30 46 39.5	643	312	11.8	+ 11	+ 2	8.6	
9140	27 3430	C 10094	829	37082	29 40.38	4281	10	27 32 41.8	645	324	11.6	+ 8	+ 1	8.6	A 0
9141	29 3639	C 10095	831		19 29 41.32	+2.3731	+0.0011	29 30 56.5	+ 7.646	+3.16	11.4	+ 24	+ 3	8.7	
9142	31 3653	L 7441			29 42.22	3106	11	31 39 54.8	647	309	11.6	+ 38	+ 9	9.1	
9143	30 3625	L 7442			29 44.06	3449	11	30 29 51.6	650	313	10.8	- 13	+ 13	8.6	
9144	30 3629	C 10101	849		30 4.25	3563	11	30 7 11.0	677	314	11.2	- 3	+ 6	8.81	A 2
9145	29 3642	C 10100			30 4.59	3819	11	29 13 28.9	- 678	317	11.8	+ 11	- 38	9.0	
9146	25 3873	C 10099	841		19 30 5.42	+2.4855	+0.0009	25 25 56.0	+ 7.679	+3.31	12.2	+ 14	- 7	9.2	
9147	25 3875	C 10102	852	37106	30 17.83	4742	9	25 51 57.9	695	330	11.0	+ 22	+ 11	6.92	A 2
9148	24 3780	B 7099	821		30 18.26	5129	8	24 23 31.1	696	335	11.6	- 5	- 4	9.0	A 2
9149	27 3433	C 10104			30 18.85	4139	10	28 5 28.6	697	322	12.4			10.4	
9150	25 3876	C 10103	853	37107-9	30 18.87	4810	9	25 36 37.0	697	331	11.4	- 5	+ 6	7.56	K 0

9107, 9108, 9114. Number of observations 6.

9122. This is the principal star of the pair Σ 2539, components 7.9 and 9.7.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
9151	30 3632	L 7455	866		h m s	s	s	o ' "	"	"	12.4	+ 33	+ 3	9.2	A o
9152	25 3877	C 10108		37119	19 30 24.91	+2.3439	+0.0011	30 33 48.2	+ 7.705	+312	12.4	+ 33	+ 3	9.2	A o
9153	28 3392	C 10111	863	37132	30 29.71	4932	9	25 9 23.1	711	332	11.4	+ 24	- 22	7.21	Ma
9154	25 3879	C 10112	864		30 34.41	4106	10	28 13 9.2	718	321	11.1	- 6	- 4	8.1	B 9
9155	27 3435	C 10113		37138	30 40.92	4873	9	25 23 16.0	726	331	11.6	- 21	+ 7	8.7	F
					30 44.11	4342	10	27 22 11.4	731	324	11.0	- 4	- 20	8.6	
9156	31 3663	L 7460			19 30 46.31	+2.3181	+0.0012	31 27 44.0	+ 7.734	+309	12.0	+ 14	+ 9	9.0	
9157	28 3394	C 10115			30 47.22	4045	10	28 26 54.2	735	320	10.5	+ 12	- 2	9.2	
9158	26 3591	C 10114			30 49.33	4658	9	26 12 13.9	738	328	11.6	+ 15	+ 13	9.2	
9159	28 3397	C 10117			30 59.88	3863	11	29 6 26.3	752	317	11.2	- 11	- 58	9.0	A o
9160	28 3398	C 10120			31 4.13	3975	11	28 42 39.6	757	319	11.6	+ 47	- 43	9.2	
9161	30 3637	L 7465			19 31 4.46	+2.3342	+0.0011	30 55 36.7	+ 7.758	+310	12.1	- 9	- 4	9.2	
9162	28 3399	C 10122	882-3	37158-9	31 5.15	3907	11	28 57 18.3	759	318	11.4	- 4	+ 15	8.2	K 2
9163	24 3785	B 7106		37149	31 5.38	4991	9	24 57 17.5	759	332	11.5	+ 1	- 21	8.31	A o
9164	25 3881	C 10121	877-8		31 7.04	4757	9	25 50 37.4	761	330	12.4	+ 13	- 16	8.8	F o
9165	24 3786	B 7108	880		31 11.22	5141	8	24 22 55.3	767	334	11.9	- 3	- 3	9.1	
9166	29 3651	C 10128	891	37171-3	19 31 16.34	+2.3822	+0.0011	29 15 52.4	+ 7.774	+317	11.4	+ 13*	+ 18*	5.42	F 5, A o
9167	24 3788	B 7111		37155	31 16.58	5025	9	24 49 58.9	774	333	12.2	+ 4	+ 6	8.8	A o
9168	26 3594	C 10127		37166-9	31 18.51	4442	10	27 1 34.7	777	325	12.4	+ 37	+ 34	6.72	A 3
9169	31 3666	L 7468			31 20.03	3038	12	31 58 1.7	779	306	13.1	- 4	+ 2	9.2	
9170		C 10129			31 20.47	3757	11	29 29 51.3	779	316	13.6	+ 31	- 8	9.2	
9171	30 3640	L 7469			19 31 22.89	+2.3448	+0.0011	30 34 44.9	+ 7.783	+311	13.5			9.2	
9172	25 3883	C 10130	892-3		31 24.28	4761	9	25 50 21.0	785	330	11.6	+ 1	- 12	8.5	
9173	30 3641	L 7470	907		31 24.46	3444	11	30 35 31.4	785	311	13.4	+ 2	- 66	9.2	
9174	28 3402	C 10133	902-4		31 24.74	3930	11	28 53 19.9	785	317	12.6	+ 27	+ 11	9.0	
9175	24 3789	B 7113	890		31 25.35	5119	8	24 28 30.0	786	334	13.2	+ 23	- 30	9.2	
9176	29 3653	C 10134			19 31 27.18	+2.3734	+0.0011	29 35 8.1	+ 7.788	+315	12.8	+ 13	- 11	8.4	
9177	25 3884	C 10132	897-9		31 27.21	4769	9	25 48 39.6	789	330	12.6	+ 10	+ 9	8.2	K 5
9178	28 3404	C 10137			31 34.85	4034	11	28 31 23.9	799	319	11.9	- 5	- 6	8.8	A o
9179	31 3669	L 7474			31 35.89	3282	11	31 9 24.0	800	310	13.0	+ 21	0	9.2	
9180	25 3885	C 10138	909		31 39.80	4693	9	26 6 30.4	805	327	12.4	- 9	- 9	9.2	
9181	27 3437	C 10140			19 31 42.92	+2.4273	+0.0010	27 39 55.3	+ 7.810	+322	10.8	+ 15	- 18	8.6	K 2
9182	24 3793	C 10139			31 43.94	4986	9	24 59 58.0	811	332	12.0	+ 11	- 26	9.2	
9183	27 3438	C 10142			31 47.80	4261	10	27 42 40.8	816	322	11.1	- 7	+ 14	8.8	A o
9184	24 3795	C 10141			31 48.82	4998	9	24 57 17.1	818	332	12.0	+ 21	- 21	9.2	
9185	26 3599	C 10144		37187	31 53.22	4480	10	26 54 34.3	823	325	11.2	+ 31	- 20	8.0	B 9
9186	29 3655	C 10146			19 31 53.60	+2.3659	+0.0011	29 52 7.0	+ 7.824	+314	11.2	+ 31	- 41	8.4	A 2
9187	29 3656	C 10149			31 59.41	3753	11	29 32 37.6	832	315	12.5	+ 8	- 28	9.1	
9188	30 3645	L 7479	929	37210	32 2.04	3311	11	31 4 37.9	835	310	11.6	- 1	+ 2	7.6	B 2
9189	24 3797	C 10148		37193	32 2.16	4996	9	24 58 29.5	836	332	13.0	+ 1	- 8	8.01	B 9
9190	25 3889	C 10150	922		32 4.40	4828	9	25 36 52.5	838	331	13.2	+ 1	+ 14	7.46	B 5
9191	30 3646	C 10151			19 32 4.69	+2.3569	+0.0011	30 11 27.7	+ 7.839	+312	12.8	+ 15	+ 12	8.2	
9192	25 3891	C 10152	931		32 17.40	4901	9	25 20 46.2	856	331	12.0	+ 26	- 21	8.4	A o
9193	31 3672	L 7484			32 17.55	3288	11	31 10 5.3	856	309	11.7	+ 27	+ 17	9.0	
9194	26 3601	C 10154	932		32 18.76	4651	9	26 17 34.2	858	328	12.4	+ 37	+ 34	8.6	
9195	24 3798	B 7129	930		32 18.86	5115	9	24 31 44.6	858	334	12.0	+ 63	+ 24	8.1	G 5
9196	26 3602	C 10157			19 32 22.85	+2.4591	+0.0010	26 31 5.3	+ 7.863	+327	11.6	+ 15	+ 8	9.2	
9197	24 3799	C 10158			32 25.28	4971	9	25 5 7.8	866	332	13.1	+ 23	0	9.1	
9198	26 3603	C 10159	935-6	37217-9	32 26.41	4453	10	27 2 1.7	868	325	11.4	+ 7	- 7	8.5	A 5
9199	29 3658	C 10160			32 26.70	3854	11	29 12 19.3	868	316	12.9	+ 1	- 27	9.2	
9200	26 3606	C 10163			32 37.48	4528	10	26 45 58.4	883	326	12.6	+ 18	+ 12	9.2	

9165. Number of observations 4.

9170, 9187. Number of observations 6.

9176. Burnham 9437. This star is a close double, components 8.5 and 8.8.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 1900.	Dec. 1900.		
9201	24 3801	B 7136	941	37222	19 32 37.85	+2.5031	+0.0009	24 51 48.2	+ 7.883	+0.333	11.4	+ 18	+ 5	8.8	A 0
9202	24 3802	C 10166			32 41.42	5007	9	24 57 22.6	888	332	12.8	+ 1	+ 3	9.2	
9203	26 3608	C 10167	945		32 41.52	4608	9	26 28 6.1	888	327	12.3	+ 3	+ 13	8.6	
9204	24 3803	B 7141	943	37212	32 43.00	5048	9	24 48 1.3	890	333	12.4	+ 28	+ 9	8.6	B 9
9205	31 3678	L 7487	954		32 43.52	3248	11	31 19 36.7	891	309	10.8	+ 8	+ 11	8.0	
9206	24 3803				19 32 43.55	+2.5049	+0.0009	24 47 59.2	+ 7.891	+0.333	9.6	+ 28	+ 9	8.6	
9207	24 3807	B 7143			32 50.05	5204	8	24 12 8.9	900	335	11.0	+ 3	+ 12	8.6	B 9
9208	30 3654	L 7494	966		32 58.07	3402	11	30 48 33.7	910	310	11.1	+ 2	- 9	8.6	A
9209	24 3810	C 10174			33 1.66	4977	9	25 5 12.5	915	331	12.1	+ 4	+ 13	9.2	
9210	24 3809	B 7146	957		33 1.92	5044	9	24 49 42.5	916	332	11.0	+ 16	- 4	8.6	
9211	27 3444	C 10175	962-3		19 33 3.94	+2.4284	+0.0010	27 40 58.3	+ 7.918	+0.321	11.7	+ 20	- 10	7.8	K 0
9212	30 3655	L 7496	971	37261	33 4.38	3338	11	31 2 4.2	919	309	12.0	+ 17	+ 7	8.2	A 3
9213	30 3656	L 7497	1017		33 8.51	3318	11	31 6 18.9	924	309	13.2	+ 34	- 20	8.6	
9214	30 3658	C 10178		37268	33 19.65	3605	11	30 7 23.4	939	312	11.5	+ 6	+ 9	7.46	B 9
9215	25 3893	C 10179	976		33 26.77	4944	9	25 13 43.3	949	330	11.4	+ 11	+ 2	8.36	A 5
9216	24 3813	B 7151			19 33 30.08	+2.5199	+0.0008	24 14 59.3	+ 7.953	+0.334	12.2	+ 7	- 11	9.1	
9217	27 3446	C 10182			33 31.62	4207	10	27 59 8.9	955	320	11.5, 13.4	+ 19	+ 27	8.5	K 0
9218	25 3895	C 10181			33 33.07	4755	9	25 57 8.2	957	328	11.9	- 4	+ 1	8.2	G 5
9219	26 3614	C 10183			33 34.07	4689	9	26 12 4.7	959	327	11.7	- 2	- 22	9.2	
9220	29 3670	C 10185		37276	33 34.52	3890	11	29 7 52.2	959	316	11.1	+ 19	- 1	6.26	B 5
9221	28 3412	C 10184	988	37274	19 33 34.83	+2.4121	+0.0011	28 17 57.7	+ 7.960	+0.320	11.4	+ 2	- 70	6.67	G 0
9222	31 3685	L 7501			33 34.88	3104	12	31 51 15.9	960	306	12.1	+ 47	- 11	8.6	
9223	28 3413	C 10187			33 35.66	4040	11	28 35 35.5	961	319	11.7	+ 33	- 20	9.2	
9224	25 3896	C 10186	993		33 38.19	4915	9	25 20 50.7	964	330	11.8	+ 7	+ 2	8.0	A 2
9225	26 3615	C 10188		37270	33 39.34	4702	9	26 9 22.2	966	327	12.3	- 12	+ 4	7.44	G 5
9226	31 3687	L 7502			19 33 45.98	+2.3154	+0.0012	31 41 46.9	+ 7.975	+0.306	12.1	+ 3	- 4	7.8	K 0
9227	30 3660	C 10190			33 50.06	3584	11	30 13 12.0	980	311	11.1	- 6	- 8	7.91	A 0
9228	29 3672	C 10192		37287	33 55.32	3815	11	29 24 41.5	987	315	9.8	+ 11	+ 15	7.26	A 2
9229	28 3416	C 10191	997-8		33 56.14	4119	11	28 19 20.8	988	320	11.0	+ 19	+ 15	8.8	A 0
9230	23 3717	B 7156			33 56.17	5253	8	24 3 28.5	988	335	11.0	+ 5	- 1	8.0	A 0
9231	31 3688	L 7505	1008		19 34 0.31	+2.3150	+0.0012	31 43 10.5	+ 7.994	+0.306	10.3	+ 8	- 21	8.2	
9232	24 3814	B 7160	995	37283	34 1.45	5059	9	24 48 51.0	995	332	11.2	+ 9	- 1	8.2	B 9
9233	27 3447	C 10193	999		34 1.88	4421	11	27 13 11.6	996	324	12.0	+ 10	+ 11	9.2	
9234	31 3689	L 7506			34 4.73	3280	12	31 16 50.7	8.000	308	12.6	+ 10	- 2	9.1	
9235	24 3815	B 7161		37285	34 7.58	5139	9	24 30 32.6	003	333	12.7	+ 15	- 4	7.9	A 2
9236	29 3673	C 10197	1013		19 34 8.19	+2.3880	+0.0011	29 11 24.8	+ 8.004	+0.316	10.7	+ 33	+ 5	8.6	
9237	25 3898	C 10195			34 8.86	4857	9	25 35 34.8	005	328	12.3	- 5	+ 34	9.2	
9238	29 3675	C 10198			34 10.33	3897	11	29 8 6.8	007	316	13.4	- 1	- 5	9.9	
9239	30 3664	C 10201			34 13.95	3609	11	30 9 8.6	012	312	12.4	+ 36	+ 40	9.1	
9240					34 13.98	3609	11	30 9 1.6	012	312	14.2	+ 36	+ 40		
9241	25 3900	C 10199	1009	37291	19 34 14.09	+2.4800	+0.0009	25 48 46.0	+ 8.012	+0.328	11.8	+ 19	+ 11	7.72	B 9
9242	31 3691	L 7508			34 17.73	3204	12	31 32 59.6	017	307	11.2	+ 19	+ 15	8.1	
9243	25 3903	C 10212	1029	37317-8	34 46.75	4816	9	25 46 25.5	056	328	11.3	+ 14	0	7.7	A 3
9244	31 3694	L 7517			34 48.93	3211	12	31 33 13.9	059	307	11.1	+ 11	+ 15	7.90	K 0
9245	31 3695	L 7518			34 54.96	3173	12	31 41 8.4	067	306	10.8	+ 17	- 11	9.0	
9246	31 3696	L 7519	1042		19 34 57.50	+2.3280	+0.0012	31 19 28.8	+ 8.070	+0.308	11.6	- 6	+ 11	9.0	
9247	30 3673	L 7522			35 8.27	3373	12	31 0 49.8	084	308	10.0	- 2	- 16	7.9	A 0
9248	30 3674	L 7523			35 8.79	3462	12	30 42 30.8	085	309	11.4	+ 62	+ 13	9.2	
9249	31 3699	L 7526			35 15.06	3144	12	31 48 7.4	093	305	12.1	- 1	- 14	9.0	
9250	24 3825	C 10220	1043-4-5		35 15.09	5009	9	25 3 21.4	094	329	11.6	- 6	+ 15	8.46	A 0

9201, 9225. Number of observations 4.
9239-40. These stars are Burnham 9481, magnitudes 8.9 and 8.9.

9204. Number of observations 1.
9240. Number of observations 2.

9209, 9243, 9249. Number of observations 6.
9244. Number of observations 7.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
9251	27 3452	C 10223	1050		h m s	s	s	° ' "	"	"					
9251	27 3452	C 10223	1050		19 35 21.11	+2.4430	+0.0011	27 14 50.7	+ 8.102	+3.222	11.8	+ 5	- 13	8.8	
9252	31 3700	L 7527			35 21.41	3196	12	31 37 43.9	102	305	11.2	+ 10	+ 18	8.2	
9253	31 3701	L 7528			35 21.69	3278	12	31 21 8.5	102	307	12.4	- 37	- 9	8.6	
9254	24 3827	C 10227	1060-1		35 37.74	5025	9	25 0 42.1	124	330	12.0	+ 11	+ 11	9.2	
9255	30 3675	L 7534			35 39.19	3401	12	30 56 27.9	126	308	12.1	- 21	- 13	9.2	
9256	25 3909	C 10228			19 35 39.94	+2.4799	+0.0009	25 52 35.6	+ 8.127	+3.226	12.3	+ 40	- 8	9.1	
9257	24 3828	B 7176			35 41.29	5066	9	24 51 23.6	129	330	12.5	+ 27	+ 21	9.1	
9258	28 3424	C 10230			35 44.79	3924	11	29 6 24.9	134	315	11.8	+ 16	- 3	9.0	
9259	29 3684	C 10234		37376	35 49.32	3689	11	29 56 43.9	139	312	9.6	- 2*	+ 35*	4.79	K o
9260	29 3685	C 10235	1085		35 51.10	3754	11	29 43 4.3	142	313	11.8	- 23	- 12	8.6	Ma
9261	31 3708	L 7537			19 35 51.15	+2.3193	+0.0012	31 39 54.5	+ 8.142	+3.305	11.8	+ 14	- 25	8.8	
9262	26 3628	C 10232			35 51.90	4625	10	26 32 39.7	143	325	11.6	+ 60	- 18	9.1	
9263	27 3454	C 10237	1084		35 54.43	4254	11	27 56 20.2	146	319	10.6	+ 1	+ 16	8.6	F o
9264	30 3677	C 10240		37384	35 57.10	3618	11	30 12 4.3	150	310	10.2	0	- 13	7.11	B 9
9265	29 3686	C 10241	1088		36 0.87	3806	11	29 32 29.0	155	314	12.2	- 11	- 15	7.6	A o
9266	24 3832	B 7180		37374-5	19 36 4.49	+2.5206	+0.0008	24 19 47.9	+ 8.159	+3.333	12.6	- 5	- 30	7.05	K o
9267	25 3913	C 10242	1086-7		36 5.30	4953	9	25 18 29.1	160	329	12.5	+ 11	- 6	8.7	
9268		C 10243			36 6.34	4385	11	27 27 0.0	162	321	13.9	+ 25	+ 14	9.2	
9269	27 3457	C 10245			36 7.82	4369	11	27 30 34.9	164	321	12.8	- 15	- 8	8.8	
9270	28 3428	C 10246			36 10.40	4037	11	28 43 14.1	167	317	12.5	+ 25	+ 12	8.5	K o
9271	30 3678	L 7541			19 36 10.67	+2.3551	+0.0011	30 26 47.8	+ 8.168	+3.310	12.5	- 18	- 56	9.2	
9272	30 3680	L 7543			36 17.32	3514	12	30 34 52.6	177	309	12.6	+ 28	+ 21	9.2	
9273	29 3688	C 10249			36 18.96	3917	11	29 9 36.4	179	315	13.0	+ 14	+ 6	9.1	A 2
9274	24 3834	B 7184	1090		36 19.97	5066	9	24 53 0.6	180	330	13.1	+ 7	- 2	9.2	
9275	26 3631	C 10250			36 22.20	4511	10	26 59 30.0	183	323	12.5	+ 14	+ 24	9.1	A o
9276	25 3914	C 10251			19 36 26.37	+2.4780	+0.0009	25 58 54.2	+ 8.189	+3.326	12.8	- 9	+ 38	9.1	A
9277	31 3711	L 7547			36 29.61	3224	12	31 35 34.9	193	306	12.8	+ 24	+ 26	9.2	
9278	26 3632	C 10253		37402	36 32.30	4568	10	26 47 13.2	196	324	10.2	- 1	+ 13	7.20	B 8
9279	25 3915	C 10252	1096		36 33.57	4990	9	25 11 12.7	198	329	12.7	+ 13	- 35	9.1	
9280	28 3430	C 10258			36 41.47	4094	11	28 32 28.8	209	317	11.9	+ 21	- 2	9.2	
9281	25 3917	C 10257	1101	37405	19 36 42.71	+2.4751	+0.0009	26 6 24.7	+ 8.210	+3.326	11.6	+ 2	+ 13	7.7	B 8
9282	31 3713	L 7551			36 43.30	3152	12	31 50 48.7	211	305	11.3	- 1	- 8	7.6	B 9
9283	30 3685	L 7550			36 44.26	3474	12	30 44 29.4	212	309	12.2	+ 26	+ 27	9.1	
9284	31 3715	L 7553			36 51.28	3358	12	31 8 54.1	222	307	11.6	+ 11	+ 10	8.6	
9285	30 3687	L 7555			36 55.48	3377	12	31 5 9.6	227	308	12.0	+ 7	+ 5	9.2	
9286	24 3838	B 7198	1108	37415-6	19 37 0.26	+2.5207	+0.0008	24 21 48.9	+ 8.234	+3.331	10.0	+ 24	+ 45	8.2	F 8
9287	25 3922	C 10265	1111		37 1.98	4968	9	25 17 34.0	236	327	12.0	+ 4	+ 5	9.2	
9288	27 3461	C 10268	1117	37423-4	37 5.93	4378	11	27 31 12.8	241	320	11.6	+ 5	- 10	8.0	G 5
9289	31 3716	L 7560			37 8.34	3313	12	31 19 2.1	244	306	12.1	+ 8	- 8	8.6	A o
9290	31 3717	L 7561	1130	37440	37 10.80	3349	12	31 11 48.9	248	306	12.0	+ 25	+ 4	7.11	K o
9291	26 3640	C 10269	1118-9	37430	19 37 10.87	+2.4540	+0.0010	26 55 21.1	+ 8.248	+3.322	11.9	+ 7	+ 22	8.1	A o
9292		C 10270			37 13.67	4570	10	26 48 40.2	251	323	13.1			9.2	
9293	27 3462	C 10271	1128	37434-5	37 14.71	4368	11	27 33 48.0	253	320	12.9	- 27	- 37	8.2	F 5
9294	26 3641	C 10272	1127		37 16.22	4505	10	27 3 17.1	255	322	11.7	+ 20	+ 1	9.2	
9295	30 3688	L 7563			37 18.54	3479	12	30 45 14.2	258	308	11.9	+ 22	- 8	9.2	
9296	31 3718	L 7564			19 37 18.61	+2.3117	+0.0012	31 59 42.7	+ 8.258	+3.303	11.2	+ 43	- 33	8.5	
9297	31 3719	L 7565			37 23.33	3152	12	31 52 45.5	264	304	12.0	+ 10	+ 2	8.8	
9298	26 3642	C 10274			37 30.72	4674	9	26 26 2.8	274	324	11.8	+ 46	+ 40	10.4	
9299	31 3720	L 7573			37 41.29	3304	12	31 22 41.3	288	305	11.4	+ 12	+ 94	8.8	
9300	30 3690	L 7572	1143		37 41.62	3572	12	30 26 57.2	289	309	12.1	+ 7	+ 24	9.0	A

9260, 9289. Number of observations 4.

9266, 9268, 9269. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 8.001.		
	°				h m s	s	s	° ' "	"	"					
9301	27 3466	C 10279	1140	37455-6	19 37 41.75	+2.4392	+0.0010	27 29 40.3	+ 8.289	+320	11.0	+ 26	0	7.7	A 3
9302	30 3692	L 7574	1144	37464	37 43.42	3555	12	30 30 38.4	291	309	11.1	+ 37	+ 13	7.16	K 0
9303	28 3434	C 10280			37 43.81	3999	11	28 56 2.1	291	315	11.6	+ 10	+ 29	9.0	
9304	24 3842	B 7208	1136		37 44.70	5242	8	24 15 30.1	293	331	11.0	- 14	- 22	9.2	
9305	28 3435	C 10281			37 48.02	4074	11	28 39 57.0	297	316	10.6	+ 32	+ 6	9.2	
9306	27 3468	C 10282	1145		19 37 52.46	+2.4482	+0.0010	27 10 4.3	+ 8.303	+321	10.7	+ 19	- 20	9.2	
9307		C 10285			38 6.11	4492	10	27 8 39.9	321	321	12.9			9.2	
9308	30 3697	L 7576	1159	37478	38 8.60	3536	12	30 35 47.7	324	308	8.8	+ 29	+ 26	6.94	K 2
9309	30 3698	L 7577			38 12.08	3468	12	30 50 7.8	329	307	10.9	- 76	+ 13	9.1	
9310	27 3471	C 10287	1156	37472-3-4	38 12.16	4485	10	27 10 13.3	329	321	10.4	- 6	+ 4	6.74	B 8
9311	24 3844	B 7216			19 38 16.66	+2.5185	+0.0008	24 30 8.7	+ 8.335	+331	10.7	+ 3	- 5	8.8	
9312	27 3474	C 10289			38 20.50	4270	11	27 58 34.9	340	318	11.8	+ 5	+ 9	9.0	
9313	27 3475	C 10291			38 22.81	4293	11	27 53 34.8	343	318	10.9	+ 24	- 40	9.2	
9314	26 3645	C 10290	1162		38 23.09	4685	9	26 25 45.8	344	324	11.8	- 4	+ 26	9.2	
9315	26 3646	C 10292	1164		38 26.00	4542	10	26 58 19.6	347	322	11.2	- 21	+ 43	8.4	K 0
9316	31 3722	L 7579	1175		19 38 30.79	+2.3344	+0.0012	31 17 0.7	+ 8.354	+306	11.5	+ 32	- 19	7.8	A 2
9317	28 3438	C 10295			38 31.39	4051	11	28 47 1.3	355	316	11.5	+ 10	- 21	9.0	
9318	29 3700	C 10297			38 35.30	3722	12	29 57 51.3	360	311	11.4	+ 8	- 3	9.0	
9319	29 3702	C 10298	1178		38 37.11	3914	11	29 17 1.0	362	313	12.1	+ 33	+ 44	8.0	F 5
9320	31 3723	L 7581	1182		38 38.46	3332	12	31 19 43.7	364	306	11.8	- 7	- 19	8.1	
9321	26 3647	C 10299	1173-4		19 38 39.46	+2.4573	+0.0010	26 51 50.8	+ 8.365	+323	10.4	+ 35	+ 46	8.4	G 5
9322	31 3724	L 7582	1185		38 42.32	3248	12	31 37 19.7	369	304	11.8	- 13	- 54	9.1	
9323	24 3847	B 7219			38 44.60	5165	8	24 36 13.8	372	330	12.4	+ 3	+ 2	9.2	
9324	25 3928	C 10302			38 49.21	4816	9	25 57 6.0	378	325	11.8	+ 25	+ 24	9.0	
9325	29 3704	C 10304			38 49.23	3704	12	30 2 16.8	378	310	12.3	+ 20	- 18	9.2	
9326	26 3649	C 10303		37495	19 38 51.58	+2.4529	+0.0010	27 2 25.6	+ 8.381	+322	11.2	+ 37	0	8.5	A 0
9327	28 3445	C 10307	1192		38 57.95	4235	11	28 8 3.6	390	318	12.2	+ 25	+ 27	8.5	F 5
9328	31 3727	L 7589	1199		38 59.37	3278	12	31 31 54.9	392	305	11.6	- 5	- 216	8.4	
9329	27 3480	C 10309		37503-5	39 6.76	4435	10	27 24 4.7	401	319	10.6	- 8	+ 2	8.2	A 0
9330	28 3447	C 10311	1201		39 12.90	3968	11	29 7 0.7	409	314	11.2	+ 57	+ 47	6.44	A 5
9331	27 3482	C 10310			19 39 13.21	+2.4318	+0.0011	27 50 29.7	+ 8.410	+318	11.8	- 8	+ 15	8.7	A 0
9332	27 3484	C 10312	1202	37519-20-3	39 18.74	4493	10	27 11 40.2	417	320	11.7	- 11	- 1	7.45	K 0
9333	24 3849	B 7229		37513	39 19.38	5226	8	24 23 25.3	418	330	11.1	+ 60	- 293	6.76	F 8
9334	27 3485	C 10315	1203		39 22.98	4350	11	27 43 42.0	423	318	11.4	+ 43	+ 26	8.6	
9335	26 3650	C 10316	1204		39 25.35	4622	10	26 43 0.9	426	322	12.2	+ 5	+ 54	7.8	F 0
9336	28 3449	C 10318			19 39 26.87	+2.4091	+0.0011	28 41 3.1	+ 8.428	+315	11.9			9.0	
9337	26 3651	C 10319	1207		39 33.27	4600	10	26 48 14.0	436	322	10.5	- 1	- 7	9.6	
9338	30 3706	L 7592		37537	39 37.12	3596	12	30 27 47.9	442	307	10.3	- 12	+ 27	6.06	B 9
9339	29 3710	C 10320	1210	37539	39 41.43	3722	12	30 1 4.1	447	309	10.2	+ 4	+ 9	7.12	A 0
9340	30 3708	L 7597			39 48.27	3525	12	30 43 10.0	456	307	10.4	+ 13	+ 12	8.6	
9341	27 3488	C 10323			19 39 49.23	+2.4393	+0.0011	27 35 33.1	+ 8.458	+319	11.6	+ 28	+ 21	9.2	
9342	27 3489	C 10324			39 50.02	4385	11	27 37 11.8	459	318	12.3	- 8	+ 15	9.1	
9343	31 3735	L 7599	1222		39 55.05	3228	12	31 45 4.8	465	303	10.3	+ 35	- 13	8.2	F 8
9344		C 10327			39 57.71	3964	11	29 10 12.9	469	313	12.2			9.2	
9345	25 3933	C 10326		37542-3	39 58.40	4933	9	25 33 21.8	469	326	11.7	+ 4*	+ 13*	5.45	G 5
9346	30 3709	L 7600			19 39 59.92	+2.3623	+0.0012	30 23 7.3	+ 8.472	+308	11.1	+ 23	- 11	9.0	
9347	31 3738	L 7606	1235	37570	40 11.08	3199	12	31 51 49.9	486	303	11.0	+ 26	+ 10	7.65	A 2
9348	27 3490	C 10330			40 12.47	4254	11	28 7 30.7	488	317	10.6	- 12	- 19	8.6	A 2
9349	26 3654	C 10331	1227-8	37560-1-2	40 14.66	4578	10	26 55 10.8	491	321	10.1	- 11	- 3	6.56	Ko, A 0
9350	27 3491	C 10333	1229-30-1	37564	40 15.67	4497	10	27 13 29.5	492	320	9.7	+ 19	+ 20	8.0	K 0

9307. Number of observations 4.

9319, 9320, 9327, 9331. Number of observations 6.

9345. Number of observations 32.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	a	° ' "	"	"					
9351	24 3856	B 7240			19 40 20.54	+2.5133	+0008	24 47 53.9	+ 8.499	+329	10.0	- 35	- 12	8.7	F 5
9352	27 3492	C 10335			40 23.10	4424	11	27 30 17.3	502	319	10.3	+ 38	- 12	8.8	
9353	31 3740	L 7608			40 26.50	3264	12	31 39 28.2	507	303	10.0	+ 57	+ 16	9.0	
9354	29 3716	C 10339			40 35.26	3813	12	29 44 30.9	518	311	9.5	+ 12	- 11	9.2	
9355	25 3940	C 10338			40 38.78	4889	9	25 45 16.2	523	325	10.4	+ 13	- 33	8.8	
9356	27 3495	C 10340	1244		19 40 39.52	+2.4484	+0010	27 17 32.5	+ 8.524	+320	9.7	- 5	- 23	9.0	
9357	31 3745	L 7614			41 5.66	3252	12	31 44 0.3	558	302	9.6	+ 20	- 19	9.2	
9358	29 3721	C 10352			41 9.85	3876	12	29 32 43.1	564	311	9.6	- 16	- 19	8.2	A 0
9359	26 3658	C 10350	1255		41 10.22	4567	10	27 0 19.1	565	320	9.4	0	- 22	9.2	
9360	28 3460	C 10353	1259-60	37606-8-9	41 12.54	4015	11	29 2 49.3	568	313	10.6	+ 17	+ 4	var.	F 5
9361	29 3722	C 10357			19 41 24.42	+2.3880	+0012	29 32 38.0	+ 8.583	+311	10.2	+ 18	+ 6	8.7	A 0
9362	29 3724	C 10361	1271-2	37635	41 29.09	3927	11	29 22 40.8	589	312	10.7	+ 12	+ 3	8.1	A 2
9363	25 3944	C 10359	1269		41 31.84	4916	9	25 41 30.5	593	324	10.6	+ 54	- 50	8.8	
9364	31 3749	L 7620			41 32.65	3287	12	31 38 8.4	594	302	11.4			9.2	
9365	23 3761	B 7250			41 35.31	5323	8	24 6 23.8	598	330	10.8	+ 10	+ 8	8.7	
9366	25 3947	C 10363			19 41 37.96	+2.4895	+0009	25 46 38.0	+ 8.601	+324	12.0			9.2	
9367	25 3946	C 10362	1273		41 38.08	4960	9	25 31 33.1	601	325	10.8	+ 35	- 6	9.1	
9368	27 3505	C 10367			41 44.26	4335	11	27 54 2.6	609	316	11.3	+ 28	+ 59	9.2	
9369	31 3752	L 7622		37630	41 46.26	3415	12	31 12 19.4	612	304	10.1	- 13	+ 20	7.35	B 5
9370	30 3725	L 7623			41 47.69	3594	12	30 34 56.2	614	306	13.1, 11.8	- 1	+ 55	8.5	A 5
9371	26 3662	C 10376	1286		19 42 7.74	+2.4736	+0009	26 24 45.5	+ 8.640	+322	11.1	+ 29	+ 1	9.1	A
9372	29 3730	C 10377			42 9.03	3753	12	30 2 14.4	642	308	11.0	- 7	+ 5	7.76	Ma
9373	27 3507	C 10382		37641	42 19.39	4286	11	28 6 29.8	655	316	10.0	+ 33	+ 9	8.8	A
9374	27 3508	C 10383			42 20.46	4313	11	28 0 47.5	657	316	10.6	- 37	- 18	9.0	
9375	30 3729	C 10387			42 27.22	3727	12	30 8 42.2	666	308	10.8	+ 15	- 3	8.51	A 0
9376	27 3510	C 10385			19 42 27.27	+2.4424	+0011	27 36 12.4	+ 8.666	+318	11.3	+ 5	+ 28	9.2	
9377	24 3872	B 7259		37640	42 27.46	5119	9	24 56 49.2	666	326	11.3	- 6	- 33	8.4	G 5
9378	30 3731	L 7629			42 27.74	3657	12	30 23 32.8	667	307	11.8	+ 17	+ 24	9.0	
9379	30 3732	L 7630			42 28.74	3562	12	30 43 47.5	669	306	10.9	+ 24	+ 21	8.5	A
9380	29 3733	C 10388	1298		42 30.10	3900	12	29 31 43.7	670	311	11.2	- 3	- 32	8.6	
9381	24 3874	B 7263	1296		19 42 38.67	+2.5217	+0009	24 34 16.2	+ 8.681	+327	12.2	+ 8	- 14	8.0	
9382	29 3734	C 10390			42 40.05	4003	11	29 9 47.0	683	312	11.4	- 9	- 23	9.2	
9383	28 3472	C 10391	1305	37657	42 41.78	4133	11	28 41 24.9	685	314	12.4	+ 17	+ 8	8.8	
9384	25 3958	C 10389	1302		42 42.91	4942	9	25 38 53.9	687	324	12.2	+ 15	- 2	9.1	
9385	28 3473	C 10392		37658	42 45.21	4208	11	28 25 11.5	689	315	11.6	+ 17	+ 14	8.8	A
9386	31 3765	L 7634	1315	37674	19 42 46.72	+2.3231	+0012	31 53 44.6	+ 8.691	+301	11.4	- 2	- 24	7.28	B 0
9387	29 3736	C 10394			42 49.62	3789	12	29 56 39.9	695	309	12.5	+ 12	- 18	9.0	
9388	24 3877	B 7264		37655-6	42 52.74	5133	9	24 54 45.9	699	326	12.7	+ 47	- 1	6.60	F 0
9389	25 3961	C 10393	1310		42 53.20	4894	9	25 50 33.9	700	323	12.5	- 19	- 15	9.1	
9390	26 3665	C 10395	1317		42 54.68	4607	10	26 56 14.3	702	320	11.9	- 9	- 19	9.2	
9391		C 10399			19 42 58.48	+2.3821	+0012	29 50 9.6	+ 8.707	+309	12.4	+ 9	0	9.2	
9392	27 3512	C 10397			42 59.88	4319	11	28 1 22.7	709	315	11.5	0	+ 13	9.0	
9393	29 3737	C 10400			43 1.17	3821	12	29 50 20.2	710	309	13.8	+ 41	+ 11	9.2	
9394	29 3738	C 10401			43 7.03	3990	11	29 14 7.5	718	311	12.3	+ 28	- 27	9.0	
9395	30 3735	L 7642		37690	43 10.25	3548	12	30 48 44.5	722	305	11.5	+ 7	- 4	8.1	
9396	26 3669	C 10402			19 43 14.43	+2.4730	+0009	26 29 9.5	+ 8.728	+321	12.3	- 9	- 2	9.2	
9397	29 3740	C 10406			43 15.59	3970	11	29 18 48.2	729	311	12.0	+ 2	- 21	8.5	A 0
9398	24 3881	B 7266	1320		43 15.78	5210	9	24 37 36.9	729	326	12.4	- 18	- 3	9.2	
9399	30 3736	C 10408			43 17.23	3720	12	30 12 44.9	731	306	11.0, 12.3	+ 13	+ 29	8.11	A 0
9400	27 3513	C 10407	1325		43 18.94	4377	11	27 49 25.1	734	316	11.5	- 3	+ 9	8.6	

9355, 9360, 9377. Number of observations 6.

9356, 9359, 9370. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
9401	24 3882	B 7271			h m s	s	s	o ' "	"	"					
9402	27 3515	C 10411			19 43 32.09	+2.5180	+0.0009	24 45 34.5	+ 8.751	+0.326	9.9	+ 9	- 9	9.2	
9403	30 3739	L 7651		37711	43 43.01	4433	11	27 37 53.8	765	316	10.5	+ 39	+ 12	9.2	
9404	28 3478	C 10414	1344	37708	43 44.98	3612	12	30 37 3.7	768	305	10.4	0	- 5	7.46	B 9
9405	30 3742	L 7652			43 49.61	4265	11	28 15 48.4	774	314	11.0	+ 4	- 21	8.4	G 5
9406	29 3744	C 10416			43 49.82	3598	12	30 40 23.9	774	305	11.2	+ 3	+ 30	9.2	
9407	31 3772	L 7653	1351		19 43 51.25	+2.4002	+0.0011	29 13 35.7	+ 8.776	+0.311	11.1	- 12	- 19	9.1	
9408	25 3968	C 10415	1339-40		43 51.47	3446	12	31 12 31.7	776	303	11.3	- 7	- 31	8.1	A 0
9409	30 3744	L 7654		37720	43 53.59	4850	9	26 3 30.5	779	322	9.9	- 5	+ 11	8.5	A
9410	30 3743	C 10417	1352		43 54.93	3567	12	30 47 15.3	781	305	10.7	- 9	- 11	8.2	A 0
9411	25 3972	C 10418	1346-7	37710-2-3	43 56.04	3732	12	30 12 14.1	782	306	9.9	- 2	- 11	9.1	
9412	31 3774	L 7656			19 44 2.29	+2.5083	+0.0009	25 9 40.0	+ 8.791	+0.325	9.9	+ 63	- 27	6.04	K 0
9413	23 3777	B 7276			44 5.01	3237	12	31 56 39.5	794	300	12.0	- 3	- 13	9.2	
9414	31 3775	L 7658			44 5.25	5375	8	24 0 40.5	794	329	10.8	- 16	- 12	8.4	A
9415	28 3480	C 10421	1363		44 7.98	3344	12	31 34 39.8	798	302	10.8	+ 2	- 8	8.1	
9416	27 3516	C 10423		37728-9	44 15.37	4086	11	28 56 34.6	808	312	10.0	+ 7	- 4	8.8	A 0
9417	27 3517	C 10424		37730-3	19 44 20.90	+2.4440	+0.0011	27 38 23.5	+ 8.815	+0.316	9.1	- 3	+ 228	6.75	G 5
9418	31 3779	L 7663	1374	37743	44 23.90	4483	10	27 28 45.0	819	317	10.2	+ 22	- 10	7.34	A 0
9419	29 3748	C 10425			44 28.55	3435	12	31 16 55.5	825	303	10.4	+ 1	+ 23	6.65	A 0
9420	31 3781	L 7665			44 29.84	3899	12	29 38 9.5	827	309	10.1	+ 12	- 27	9.0	
9421	27 3518	C 10426		37738	44 32.55	3263	12	31 52 49.6	830	300	10.2	+ 15	- 20	9.0	
9422	24 3889	B 7283	1370	37734	19 44 32.60	+2.4318	+0.0011	28 6 7.9	+ 8.830	+0.315	10.0	- 29	- 46	8.5	K 0
9423	30 3751	L 7666			44 34.89	5185	9	24 47 6.5	833	326	10.2	+ 11	- 1	7.46	K 2
9424	24 3891	B 7285	1373		44 36.52	3506	12	31 2 22.7	835	304	11.0	+ 5	- 29	9.1	
9425	24 3892	B 7287	1377	37742	44 42.76	5199	9	24 44 13.6	844	326	10.7	+ 20	+ 24	9.7	
9426	31 3785	L 7670			44 47.41	5200	9	24 44 14.9	850	326	9.6	- 1	+ 12	7.41	B 9
9427	30 3753	L 7671			19 44 52.50	+2.3378	+0.0012	31 30 7.7	+ 8.856	+0.302	10.4	+ 12	+ 23	9.0	
9428	29 3752	C 10434	1390	37761	44 53.82	3525	12	30 59 10.1	858	303	9.6	- 2	- 3	8.6	
9429	31 3786	L 7673	1397		44 55.67	4029	11	29 11 7.7	860	310	10.0	- 69	- 39	9.2	
9430	31 3787	L 7674	1398		45 0.94	3403	12	31 25 18.2	867	301	10.7	+ 5	- 11	8.6	
9431	29 3754	C 10438	1396		45 5.37	3424	12	31 21 2.3	873	302	10.8	- 1	- 23	8.8	
9432	30 3756	L 7675	1400		19 45 5.44	+2.4034	+0.0011	29 10 38.2	+ 8.873	+0.310	11.0	- 10	- 9	7.7	A 0
9433	24 3896	B 7290			45 7.85	3637	12	30 36 18.3	876	304	11.8	+ 5	- 70	7.61	G 5
9434	28 3485	C 10441			45 12.36	5271	8	24 28 42.0	882	326	11.0	- 1	+ 26	9.0	
9435	27 3522	C 10442			45 17.93	4199	11	28 35 1.6	890	312	10.8	+ 8	+ 15	9.0	
9436	27 3523	C 10444	1406	37766-7-8	45 24.62	4309	11	27 57 29.1	898	314	11.6	- 7	- 1	8.0	A 5
9437	29 3756	C 10445			19 45 27.48	+2.4489	+0.0011	27 30 38.8	+ 8.902	+0.316	10.9	+ 60	- 225	7.06	G 0
9438	30 3758	L 7680			45 27.76	3907	12	29 39 24.7	902	308	11.0	- 8	- 14	8.6	K 0
9439	31 3795	L 7682			45 29.96	3511	12	31 4 7.2	905	303	11.5	- 4	+ 3	8.4	
9440	25 3986	C 10448			45 35.94	3257	12	31 57 38.1	913	299	13.0	+ 16	- 10	9.2	
9441	28 3486	C 10451	1415	37784	45 36.73	5072	9	25 16 47.5	914	323	12.0	- 3	+ 2	8.01	A 0
9442	25 3987	C 10452			19 45 40.73	+2.4267	+0.0011	28 21 9.7	+ 8.919	+0.313	12.1	+ 13	- 6	8.0	A 0
9443	27 3528	C 10453			45 44.22	4861	9	26 6 19.0	924	321	12.2	- 18	+ 32	9.1	
9444	28 3488	C 10454	1416	37788	45 44.60	4361	11	28 0 11.6	924	314	12.2	+ 18	+ 42	9.1	
9445	24 3898	B 7299			45 47.92	4260	11	28 22 54.0	929	313	12.4	+ 81	+ 72	8.5	G 5
9446	31 3796	L 7685	1419		45 50.37	5325	8	24 17 22.0	932	327	11.9	+ 22	- 8	9.2	
9447	29 3760	C 10456		37792	19 45 50.83	+2.3377	+0.0012	31 33 24.3	+ 8.932	+0.301	11.9	+ 27	+ 9	9.1	
9448	28 3490	C 10457			45 54.78	4054	11	29 8 50.0	938	310	10.3	+ 29	+ 6	8.4	G 0
9449	29 3761	C 10459			45 55.04	4087	11	29 1 30.6	938	310	10.9	+ 12	+ 19	8.6	
9450	29 3763	C 10462			45 59.05	3921	12	29 38 8.1	943	308	10.6	+ 20	- 25	8.4	A 3
					46 2.19	3976	12	29 26 20.4	947	309	12.5	+ 1	- 23	9.0	A 0

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
					h m s	s	s	° ' "	"	"					
9451	29 3765	C 10463			19 46 7.74	+2.3964	+0.0012	29 29 9.3	+ 8.955	+309	11.7	- 3	- 11	9.2	
9452	26 3678	C 10465	1427-8	37795	46 13.58	4672	10	26 51 26.6	962	317	11.7	+ 19	+ 7	6.52	G 5
9453	28 3493	C 10467	1432	37799	46 15.86	4312	11	28 12 43.6	965	312	11.9	- 1	+ 15	6.29	B 8
9454	26 3679	C 10468	1430-1	37798	46 18.34	4651	10	26 56 19.6	968	317	12.4	- 10	+ 9	8.1	
9455	30 3764	L 7691			46 19.05	3546	13	30 59 30.5	969	303	11.7	+ 10	+ 2	8.8	
9456	24 3903	C 10471	1437		19 46 29.65	+2.5139	+0.0010	25 3 27.2	+ 8.983	+324	11.8	- 2	+ 20	9.2	
9457	29 3767	C 10475			46 41.26	3889	12	29 47 23.6	998	307	9.8	+ 12	0	8.6	A 2
9458	27 3531	C 10476			46 43.31	4442	11	27 45 3.6	9.001	315	10.6	- 35	- 83	9.0	
9459	26 3684	C 10474	1442		46 44.39	4780	10	26 28 8.2	002	319	10.2	+ 26	+ 13	8.6	K 2
9460	31 3801	L 7694	1452		46 46.05	3488	13	31 13 17.3	005	302	10.4	- 12	+ 13	9.2	
9461	31 3803	L 7698	1457		19 46 50.26	+2.3266	+0.0013	31 59 44.9	+ 9.010	+299	10.7	+ 51	- 11	9.0	
9462	30 3769	L 7699			46 53.34	3683	13	30 32 14.0	014	303	10.2	0	- 3	8.1	A 0
9463	31 3804	L 7701	1461		46 59.95	3460	13	31 19 56.5	023	301	10.3	+ 14	- 12	8.5	
9464	27 3532	C 10484	1460		47 5.84	4525	10	27 27 30.7	030	315	9.9	+ 3	- 14	9.0	
9465	24 3907	B 7315	1458	37823	47 7.00	5313	8	24 23 52.1	032	325	9.9	- 11	- 11	7.04	A 0
9466	26 3688	C 10489	1464	37830	19 47 18.78	+2.4758	+0.0010	26 34 59.3	+ 9.047	+317	10.0	+ 18	- 16	8.6	K 2
9467	28 3498	C 10492			47 23.27	4100	12	29 3 30.1	053	309	10.3	- 14	+ 18	9.2	A 2
9468	27 3534	C 10491	1468	37836	47 23.97	4521	10	27 29 14.0	054	315	10.2	+ 5	- 12	7.8	B 5
9469	28 3500	C 10494			47 29.82	4178	11	28 46 39.4	061	310	10.3	- 8	+ 6	9.2	
9470	26 3689	C 10493	1472		47 31.72	4822	10	26 20 39.9	064	318	10.6	- 1	0	9.1	
9471	26 3691	C 10495			19 47 35.92	+2.4821	+0.0010	26 21 16.8	+ 9.069	+318	11.0	+ 1	- 16	9.2	
9472	23 3808	B 7321			47 40.09	5397	8	24 5 27.4	075	326	10.0	+ 15	- 1	9.2	
9473	27 3535	C 10497	1481		47 46.25	4518	11	27 31 11.1	083	315	10.0	+ 19	- 29	9.2	
9474	27 3536	C 10499	1482	37851-2	47 49.45	4595	10	27 13 46.9	087	316	10.2	- 6	+ 3	7.9	K 0
9475	25 4001	C 10500	1483-4	37850	47 52.85	4917	10	25 59 41.6	091	320	10.1	+ 3	+ 25	7.34	B 9
9476	25 4002	C 10503	1490-1	37853-7	19 48 0.88	+2.4916	+0.0010	26 0 22.1	+ 9.102	+320	9.9	- 5	+ 34	7.7	A 0
9477	28 3507	C 10506			48 7.86	4117	12	29 1 56.0	111	309	10.5	+ 4	+ 9	8.7	A 0
9478	30 3779	L 7718	1507	37878	48 8.91	3598	13	30 54 37.0	112	302	10.4	- 5	+ 3	6.94	A 5
9479	26 3694	C 10505	1498		48 9.09	4877	10	26 9 53.3	112	319	11.6	0	+ 10	8.7	
9480	24 3914	B 7328	1501	37868	48 14.40	5236	9	24 45 38.3	119	324	11.3	- 11*	+ 19*	5.67	F5, A 2
9481	27 3539	C 10509			19 48 24.18	+2.4434	+0.0011	27 52 15.2	+ 9.132	+313	11.7			8.6	G 5
9482	31 3813	L 7722			48 27.15	3472	13	31 22 16.3	136	300	11.4	+ 13	- 11	7.60	A 0
9483	31 3814	L 7724			48 29.18	3443	13	31 28 31.9	139	300	12.0	+ 21	+ 13	7.75	A 0
9484	30 3782	L 7723	1519		48 29.55	3568	13	31 2 13.8	139	302	11.8	+ 7	0	9.1	
9485	28 3508	C 10515			48 30.83	4227	12	28 38 51.6	141	310	11.5	+ 31	- 11	9.2	
9486	27 3541	C 10513	1473		19 48 31.33	+2.4610	+0.0010	27 12 34.3	+ 9.141	+315	12.6	+ 10	+ 6	8.7	
9487	27 3542	C 10514	1514		48 31.50	4608	10	27 13 5.4	142	315	12.0	- 2	- 18	8.7	
9488	26 3698	C 10518			48 33.26	4695	10	26 53 14.2	144	316	12.7	+ 9	+ 9	9.1	
9489	25 4003	C 10516			48 33.61	4917	10	26 1 52.0	144	320	12.7	+ 9	- 23	9.2	
9490	25 4004	C 10517			48 34.16	5019	10	25 37 49.9	145	320	13.3	- 1	- 6	7.41	A 0
9491	30 3783	C 10523			19 48 34.32	+2.5019	+0.0010	25 37 46.8	+ 9.145	+320	13.5	- 1	- 6	9.2	
9492	27 3543	C 10521	37887-8		48 35.24	3785	12	30 15 55.9	146	302	12.8	+ 3	- 5	7.00	K 2
9493	26 3699	C 10519			48 36.26	4396	11	28 1 16.3	148	313	12.6	- 29	- 64	9.2	A 0
9494	31 3815	L 7727			48 36.57	4797	10	26 29 49.6	148	318	12.8	+ 18	- 5	9.2	
9495	25 4006	C 10520			48 37.40	3420	13	31 33 51.0	149	300	11.9	+ 12	+ 29	8.5	
9496	30 3787	L 7729	1526		19 48 37.46	+2.4995	+0.0010	25 43 49.1	+ 9.149	+320	12.8	- 16	+ 13	8.6	
9497	28 3510	C 10527			48 42.94	3672	13	30 40 47.7	156	303	12.2	0	- 6	8.5	
9498	30 3790	L 7731	1531		48 49.25	4157	12	28 55 24.3	165	309	11.4	0	+ 6	8.8	
9499	28 3511	C 10528			48 51.09	3556	13	31 6 0.1	167	302	10.2	+ 12	- 4	9.1	
9500					48 54.45	4324	11	28 18 30.7	171	311	9.2	- 11	- 44	8.6	G 0

9466, 9468, 9476, 9480, 9487. Number of observations 6. 9483, 9491. Number of observations 4. 9490-1. These stars form the pair O Σ 388, magnitudes 7.6 and 7.6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^s .0001.	Dec. ["] .001.		
9501	29 3782	C 10530			h m s	s	s	o ' "	"	"	10.2	+ 28	- 11	9.1	
9502	30 3793	C 10531			19 49 3.84	+2.3919	+0.0012	29 48 41.5	+ 9.183	+3.306	12.2	+ 16	- 10	9.0	
9503	31 3822	L 7734			49 8.36	3830	12	30 8 14.4	189	304	12.4	+ 39	- 10	9.0	
9504	27 3544	C 10532		37906	49 11.21	3386	13	31 42 50.3	193	299	12.4	+ 65	+ 11	8.6	F 2
9505	28 3513	C 10533		37907	49 12.26	4381	11	28 6 43.0	194	312	12.4	+ 18	- 6	7.17	A 0
9506	29 3783	C 10534			49 12.29	4208	12	28 45 32.5	194	309	11.0	-	-		
9507	26 3704	C 10536	1537		19 49 13.97	+2.3882	+0.0012	29 57 16.1	+ 9.197	+3.306	12.0	+ 2	- 5	8.4	A 2
9508		C 10541			49 18.25	4671	10	27 0 58.7	202	315	13.0	+ 11	+ 6	8.0	F 8
9509	24 3919	B 7336			49 26.35	4370	11	28 9 52.6	213	311	13.2			9.2	
9510	26 3706	C 10542	1544	37918	49 26.77	5401	8	24 9 29.6	213	325	12.8	+ 4	+ 5	9.1	
9511	25 4011	C 10543			49 28.99	4846	10	26 21 11.4	216	317	12.9	+ 2	+ 6	8.6	A 0
9512	28 3514	C 10545			19 49 30.00	+2.4948	+0.0010	25 57 18.6	+ 9.217	+3.319	13.3	+ 11	+ 10	9.1	
9513	26 3708	C 10546	1546	37922	49 30.87	4316	11	28 22 24.5	219	310	12.3	+ 3	+ 16	8.4	F 2
9514	27 3546	C 10548		37927-8	49 35.15	4870	10	26 15 52.8	224	318	11.4	+ 24	+ 25	7.7	
9515	27 3545	C 10549			49 35.69	4452	11	27 51 55.5	225	313	12.0	+ 16	+ 17	7.7	K 2
9516	28 3515	C 10552			49 36.40	4510	11	27 38 45.8	226	313	12.7	+ 16	+ 2	9.2	
9517	25 4013	C 10551	1549		19 49 39.98	+2.4342	+0.0011	28 16 52.7	+ 9.230	+3.311	13.0	0	- 5	8.4	A 3
9518	25 4014	C 10553	1550		49 42.02	4999	10	25 46 0.1	233	320	12.7	+ 7	- 41	9.2	
9519	25 4015	C 10554			49 43.17	5071	9	25 29 9.4	234	321	13.4	+ 25	- 8	9.2	
9520	26 3710	C 10557			49 44.33	5083	9	25 26 23.9	236	321	12.6	+ 9	+ 7	9.2	
9521	26 3711	C 10560	1560		49 59.17	4803	10	26 32 46.8	255	317	11.2	+ 3	- 8	9.2	
9522	29 3791	C 10562	1562		19 50 2.52	+2.4747	+0.0010	26 45 54.0	+ 9.259	+3.316	11.4	- 1	+ 4	8.0	A 0
9523	28 3517	C 10563			50 3.47	3991	13	29 36 12.7	261	306	12.4	+ 20	- 5	9.2	
9524	26 3712	C 10564	1561	37945-6	50 5.11	4384	12	28 8 50.3	263	311	12.2	+ 12	+ 6	9.2	
9525	28 3518	C 10566			50 8.86	4853	10	26 21 31.6	268	317	11.4	+ 8	+ 19	6.81	A 0
9526	28 3521	C 10570	1575		50 9.43	4298	12	28 28 27.3	268	310	12.1	+ 1	- 5	9.2	
9527	27 3550	C 10571			19 50 23.02	+2.4387	+0.0012	28 9 7.2	+ 9.286	+3.311	10.6	+ 17	+ 8	8.8	F 0
9528	31 3830	L 7747			50 27.39	4402	12	28 6 2.3	292	312	10.4	- 3	- 2	9.2	
9529	25 4018	C 10572			50 35.92	3544	13	31 14 24.3	303	300	11.6	+ 17	- 1	9.1	
9530	23 3829	B 7349		37960	50 36.30	4942	10	26 2 9.0	303	319	9.8	- 2	- 15	8.7	A
9531	29 3793	C 10574			50 41.98	5435	8	24 4 58.6	310	325	10.2	+ 16*	- 9*	5.47	A 0
9532	30 3803	C 10576			19 50 42.05	+2.3908	+0.0013	29 56 25.3	+ 9.311	+3.305	10.0	+ 10	- 16	9.2	
9533	25 4019	C 10575			50 45.54	3809	13	30 18 5.2	315	303	11.2	+ 49	- 13	8.8	
9534	30 3804	L 7752			50 45.89	4955	10	25 59 30.3	316	318	11.4	- 17	+ 21	9.0	A 0
9535	29 3795	C 10577	1589		50 46.50	3764	13	30 28 4.8	316	303	10.5	+ 5	+ 15	8.46	A 3
9536	27 3553	C 10578			50 47.43	3952	13	29 47 19.6	318	305	11.0	+ 3	- 17	8.2	A 5
9537	26 3717	C 10579	1593-4	37982	19 50 54.74	+2.4405	+0.0012	28 6 46.9	+ 9.327	+3.312	11.3	+ 9	- 16	10.4	
9538	31 3835	L 7756			50 57.09	4674	11	27 5 37.0	330	315	10.8	+ 44	+ 18	8.5	A 0
9539	24 3924	B 7353		37981	51 0.78	3381	14	31 50 23.5	335	298	11.7	+ 9	- 23	9.1	
9540	24 3925	C 10582			51 3.23	5298	9	24 39 4.0	338	322	11.2	+ 19	+ 24	7.04	K 0
9541	28 3526	C 10587			51 7.05	5188	9	25 5 40.3	343	321	12.0	+ 2	- 34	7.81	K 2
9542	24 3926	C 10583			19 51 7.72	+2.4329	+0.0012	28 25 17.1	+ 9.344	+3.309	13.7, 12.8			9.9	
9543	31 3837	L 7759			51 8.89	5216	9	24 58 57.2	345	321	11.0	+ 4	+ 11	9.0	
9544	25 4020	C 10584	1598	37987	51 10.12	3452	14	31 35 53.0	347	299	12.2	- 35	- 40	9.0	
9545		C 10585			51 10.71	5005	10	25 49 5.3	347	318	11.0	+ 32	+ 2	8.1	F 8
9546	26 3720	C 10586	1603		51 11.52	4818	10	26 33 4.3	349	316	13.9			9.2	
9547	29 3799	C 10589	1612		19 51 14.91	+2.4769	+0.0011	26 44 31.9	+ 9.353	+3.315	12.0	+ 8	+ 13	8.6	
9548	26 3721	C 10588	1605		51 19.47	3927	13	29 54 34.7	359	305	12.2	+ 7	- 7	8.5	A 0
9549	26 3723	C 10591	1611		51 21.93	4829	11	26 31 4.1	362	316	11.4	+ 16	+ 7	9.0	A 0
9550	30 3805	L 7762			51 27.28	4874	11	26 20 43.5	369	316	12.0	0	- 8	8.8	
					51 29.19	3788	13	30 25 18.5	371	302	12.4	+ 39	- 15	8.7	

9523, 9524. Number of observations 6.

9541. Number of observations 3, 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 1900.1.	Dec. 1900.1.		
9551	30 3806	L 7764		38030	19 51 30.78	+2.3781	+0.0013	30 26 57.5	+ 9.373	+0.302	10.4	+ 40	+ 21	7.06	K 0
9552	29 3802	C 10595	1616	38029	51 31.12	3916	13	29 57 25.8	374	304	12.3	0	+ 3	6.36	B 9
9553	26 3725	C 10598	1618		51 41.36	4844	11	26 28 29.8	387	316	10.5	- 3	+ 33	8.5	A 0
9554	29 3805	C 10601	1625		51 44.09	3976	13	29 45 4.2	391	305	10.6	- 23	- 14	8.1	
9555	31 3841	L 7771			51 44.43	3481	14	31 31 46.6	391	299	11.2	+ 24	- 6	8.6	
9556	28 3529	C 10602			19 51 46.56	+2.4149	+0.0012	29 7 14.3	+ 9.394	+0.307	12.1	+ 38	- 52	9.0	
9557	25 4024	C 10603	1623		51 50.31	5011	10	25 49 42.7	398	317	11.8	- 1	+ 11	9.2	
9558	31 3843	L 7773			51 53.68	3524	13	31 23 17.2	403	299	12.3	+ 7	- 10	9.0	
9559	25 4026	C 10606			51 55.79	5122	9	25 23 48.0	406	319	12.3	+ 9	- 8	9.2	
9560	30 3808	C 10609			51 56.84	3836	13	30 16 26.0	407	302	12.0	- 11	+ 3	9.1	
9561	29 3809	C 10608	1633		19 51 57.54	+2.4109	+0.0012	29 16 36.0	+ 9.408	+0.306	10.9	+ 12	- 31	7.9	A 2
9562	28 3532	C 10613	1636		52 3.29	4314	12	28 31 4.1	415	309	10.5	+ 11	+ 8	8.0	A 5
9563	24 3934	B 7366			52 12.68	5300	9	24 42 3.0	427	322	10.6	+ 18	- 81	9.2	
9564	28 3536	C 10618			52 18.59	4193	12	28 59 12.8	435	307	12.6	- 8	+ 4	8.6	A 5
9565	31 3847	L 7776			52 18.63	3503	13	31 29 16.3	435	299	11.2	+ 48	+ 60	8.7	
9566	30 3810	L 7777	1645		19 52 25.89	+2.3743	+0.0013	30 38 17.7	+ 9.444	+0.301	12.1	- 16	+ 7	9.2	
9567	29 3811	C 10622			52 29.47	4032	13	29 35 25.1	449	305	11.4	- 2	- 13	9.1	
9568	26 3733	C 10623			52 37.91	4927	10	26 12 2.2	460	316	12.1	+ 46	+ 15	9.7	
9569	24 3936	C 10625	1647		52 45.09	5210	9	25 5 23.0	469	321	11.5	+ 24	+ 13	9.2	
9570	30 3813	L 7784			52 50.90	3613	13	31 7 44.4	476	300	11.4	+ 24	- 20	9.2	
9571	28 3539	C 10628	1656	38073	19 52 54.45	+2.4362	+0.0012	28 23 8.1	+ 9.481	+0.309	11.2	- 9	+ 21	8.5	A 0
9572	24 3937	B 7369			52 55.70	5343	9	24 33 48.6	483	321	10.4	+ 10	- 15	9.0	
9573	28 3540	C 10629			52 55.84	4203	12	28 59 1.3	483	307	10.6			9.6	
9574		C 10631			53 2.55	4954	13	29 32 34.1	491	305	12.4			9.2	
9575	30 3815	L 7788	1671	38088	53 8.09	3736	13	30 42 19.3	499	301	11.6	- 26	+ 43	6.82	G 5
9576	31 3852	L 7790			19 53 10.78	+2.3433	+0.0014	31 47 17.0	+ 9.502	+0.297	12.0	+ 7	+ 14	8.0	
9577	25 4032	C 10633	1666		53 11.66	4991	10	25 58 51.1	503	316	11.8	+ 6	+ 36	9.2	
9578	29 3815	C 10636	1672		53 11.90	4124	12	29 17 36.3	503	306	12.2	- 81	+ 184	8.6	F 0
9579	29 3816	C 10637			53 13.56	4013	13	29 42 10.9	506	304	12.1	+ 62	- 150	9.0	
9580	27 3566	C 10638		38090	53 18.25	4582	12	27 34 28.8	512	311	12.4	+ 25	+ 16	8.0	A 0
9581	29 3817	C 10640			19 53 18.45	+2.4057	+0.0013	29 32 51.2	+ 9.512	+0.305	11.6	+ 26	- 24	9.2	
9582	26 3739	C 10639			53 20.34	4905	10	26 19 27.1	514	315	12.9	+ 18	+ 10	9.1	
9583	25 4034	C 10641	1675	38091	53 25.08	5179	9	25 14 49.1	520	319	11.2	+ 15	+ 13	7.56	A 0
9584	25 4036	C 10642	1680		53 32.41	5026	10	25 51 31.7	530	316	11.6	+ 29	+ 17	8.8	
9585	29 3818	C 10644			53 33.70	4022	13	29 41 23.7	531	304	11.5	+ 91	- 201	9.0	
9586	30 3820	L 7796	1682	38106	19 53 33.97	+2.3790	+0.0013	30 32 9.3	+ 9.532	+0.300	10.8	+ 22	+ 9	6.88	A 0
9587	30 3824	L 7798	1684		53 35.12	3708	13	30 50 0.8	533	299	11.2	- 7	- 14	8.6	
9588	30 3825	L 7800			53 36.09	3740	13	30 42 59.0	534	300	12.1	+ 4	+ 27	9.1	
9589	29 3820	C 10646			53 36.24	4053	13	29 34 34.4	535	305	11.0	+ 91	+ 229	8.2	G 5
9590	30 3826	L 7802	1685	38108	53 36.60	3769	13	30 36 52.8	535	300	12.0	+ 19	+ 13	8.5	A 2
9591	28 3543	C 10649			19 53 42.97	+2.4180	+0.0012	29 6 48.0	+ 9.543	+0.306	11.9	+ 24	+ 13	9.1	
9592	28 3542	C 10650	1691	38110	53 44.42	4357	12	28 27 7.4	545	308	10.4	- 21	- 21	6.79	K 0
9593	30 3828	L 7803			53 51.86	3705	13	30 51 37.1	555	299	11.3	+ 21	- 16	9.2	
9594	24 3943	B 7379			53 56.59	5276	9	24 53 11.1	561	319	11.3	+ 4	+ 2	9.1	
9595	25 4040	C 10654	1698-700	38118-9	54 2.68	4964	10	26 7 49.5	569	316	11.8	+ 9	+ 14	7.9	
9596	25 4041	C 10655	1699-701	38117-22	19 54 2.88	+2.4985	+0.0010	26 3 5.5	+ 9.569	+0.316	10.9	+ 2	+ 5	7.6	
9597	24 3945	B 7380	1693		54 3.07	5435	8	24 15 8.3	569	321	13.0	+ 10	+ 19	8.2	K 0
9598	30 3831	L 7806	1707		54 10.02	3670	13	31 0 11.9	578	299	12.1	+ 29	+ 32	7.7	K 0
9599	24 3947	B 7383			54 10.53	5345	9	24 37 11.6	579	320	12.0	+ 1	- 15	9.2	
9600	26 3744	C 10657			54 11.70	4741	11	27 0 33.6	580	312	11.6	- 7	- 12	8.0	A 0

9552. This is the principal star of the pair OΣ 390.

9552, 9563, 9564, 9578, 9581, 9597. Number of observations 6.

9574. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
9601	28 3546	C 10660		38134	19 54 15.40	+2.4317	+0.0012	28 37 51.1	+ 9.585	+307	11.6	+ 28	+ 10	7.05	A 2
9602	26 3745	C 10659			54 16.47	4747	11	26 59 25.9	586	313	12.4	- 13	- 5	8.4	A 0
9603	25 4044	C 10658			54 17.44	5191	10	25 14 40.4	587	318	11.2	+ 17	- 10	9.2	
9604	28 3547	C 10662			54 20.09	4198	13	29 4 55.7	591	306	11.8	+ 11	- 38	9.2	
9605	28 3551	C 10666			54 37.95	4271	12	28 49 31.6	614	307	11.0	+ 5	- 7	8.8	
9606	28 3552	C 10668	1721	38147	19 54 41.15	+2.4394	+0.0012	28 21 58.2	+ 9.618	+309	9.8	+ 73	+ 6	8.2	G 5
9607	25 4048	C 10667		38143	54 43.15	5027	11	25 55 1.7	620	316	10.0	+ 26	+ 2	8.2	A 2
9608	28 3553	C 10670		38155	54 44.63	4295	12	28 44 40.1	622	307	10.1	- 16	- 3	8.0	A 0
9609	27 3572	C 10671	1726	38157	54 49.99	4684	11	27 15 57.1	629	311	10.8	- 8	- 22	8.6	
9610	31 3864	L 7813	1732		54 52.35	3618	13	31 13 58.5	632	298	10.8	+ 2	- 3	8.5	Ma
9611	23 3856	B 7393	1724		19 54 55.13	+2.5482	+0.0008	24 6 16.3	+ 9.636	+322	10.4	- 12	+ 15	8.7	
9612	29 3829	C 10673			55 0.16	4043	13	29 41 48.7	642	303	12.0	- 5	+ 12	7.41	F 8
9613	30 3836	L 7820	1741		55 3.77	3737	13	30 49 3.3	647	298	12.3	- 13	- 5	9.2	
9614	30 3837	L 7819	1739	38177	55 3.81	3758	14	30 44 21.2	647	299	12.5	+ 23*	- 9*	5.44	B 8
9615	24 3953	B 7395			55 4.42	5339	9	24 41 33.0	648	320	12.5	+ 1	- 11	9.0	
9616	30 3838	L 7823	1744		19 55 5.76	+2.3794	+0.0014	30 36 39.0	+ 9.649	+299	12.9	+ 39	+ 32	9.2	
9617	30 3839	C 10676			55 11.69	3895	13	30 15 8.7	657	300	11.5	- 6	+ 4	9.2	
9618	29 3830	C 10680			55 17.81	3932	13	30 7 13.6	665	299	11.9	- 3	- 25	9.0	
9619	25 4050	C 10677	1745		55 17.88	5079	11	25 44 37.9	665	316	12.5	- 4	- 15	8.4	K 5
9620	25 4051	C 10679			55 19.30	5146	10	25 28 47.1	667	317	11.6	+ 2	+ 16	8.4	
9621	31 3870	L 7830	1762		19 55 23.20	+2.3587	+0.0013	31 22 27.2	+ 9.672	+297	11.6	- 17	- 5	9.2	
9622	27 3574	C 10682	1749-51	38182-3	55 26.71	4693	11	27 16 1.3	676	310	9.5	+ 13	+ 7	6.88	K 2
9623	26 3751	C 10685	1752		55 32.03	4972	11	26 10 46.7	683	315	10.6	+ 7	- 10	8.7	A
9624	25 4055	C 10686	1756		55 40.03	5160	10	25 26 32.3	693	317	9.7	+ 3	- 13	8.4	A 5
9625	24 3957	B 7406			55 41.30	5439	8	24 19 10.0	695	320	11.1	+ 19	+ 9	9.2	
9626	24 3958	B 7407	1757	38187	19 55 44.02	+2.5400	+0.0008	24 28 40.8	+ 9.698	+320	10.7	+ 14	- 26	8.2	G 0
9627	31 3876	L 7840			55 50.78	3458	14	31 51 43.7	707	295	9.3	+ 14	- 28	8.4	G 5
9628	30 3844	L 7842			56 5.98	3819	14	30 34 53.6	726	299	11.0	- 30	- 13	9.6	
9629	31 3878	L 7845	1775		56 7.09	3542	14	31 34 47.6	727	296	13.0	+ 8	+ 19	6.69	A 0
9630	30 3845	L 7844		38223	56 7.55	3796	14	30 40 2.9	728	299	11.5	+ 17	0	8.0	A 0
9631	24 3962	B 7414	1771	38218	19 56 14.20	+2.5295	+0.0009	24 55 43.0	+ 9.737	+318	11.9	+ 7	+ 25	7.61	A 0
9632	31 3879	L 7847	1782	38224	56 20.46	3540	14	31 35 59.7	744	296	12.8	+ 7	+ 16	8.1	
9633	25 4058	C 10699	1776-7	38222	56 20.68	5103	10	25 42 13.2	745	316	11.7	- 10	- 25	7.50	K 2
9634	27 3578	C 10701			56 25.98	4488	12	28 6 39.2	752	309	11.6	+ 39	- 25	9.2	
9635	25 4060	C 10704	1778	38233	56 29.84	5046	11	25 56 26.4	756	314	11.6	- 11	0	6.59	K 0
9636	29 3838	C 10709			19 56 38.75	+2.4077	+0.0013	29 40 23.8	+ 9.768	+303	11.8	0	+ 9	7.26	A 0
9637	26 3757	C 10708			56 38.89	4925	11	26 25 39.2	768	314	12.1	+ 13	+ 24	9.1	
9638	25 4062	C 10707	1785-6		56 39.01	5119	11	25 39 30.7	768	315	12.1	+ 5	+ 7	9.2	
9639	29 3839	C 10711			56 42.18	4103	13	29 34 26.2	772	303	11.9	+ 2	- 11	7.50	A 0
9640	29 3840	C 10712			56 45.57	4191	13	29 14 57.9	777	304	12.7	+ 6	- 49	8.6	
9641	24 3963	B 7418	1793	38270	19 56 48.25	+2.5293	+0.0009	24 58 4.1	+ 9.780	+318	12.8	+ 9	- 3	8.8	B 9
9642	26 3758	C 10713			56 49.94	4809	11	26 53 39.5	782	313	12.4	- 14	+ 10	8.2	K 5
9643	24 3964	B 7420			56 51.09	5466	8	24 16 7.4	783	320	11.8	- 9	- 18	9.0	A 0
9644	27 3582	C 10714			56 53.46	4611	12	27 39 48.4	787	309	12.5	+ 17	- 32	9.2	
9645	26 3760	C 10716			56 57.72	4954	11	26 19 50.4	792	313	11.9	+ 16	+ 4	9.2	
9646	29 3844	C 10719			19 57 0.80	+2.4091	+0.0013	29 38 25.4	+ 9.796	+303	11.9	+ 9	- 21	8.2	B 9
9647	27 3584	C 10718			57 1.65	4494	12	28 7 12.7	797	308	12.8	+ 9	- 8	9.1	
9648	24 3965	B 7423	1795		57 2.62	5314	9	24 53 54.3	798	317	13.4	+ 7	+ 3	8.7	
9649	29 3845	C 10724			57 9.08	4110	13	29 34 34.9	806	303	12.6	+ 8	- 106	8.1	G 5
9650		C 10722			57 10.75	4878	11	26 38 35.7	809	312	12.9			9.2	

9607, 9622. Number of observations 4.

9623, 9649. Number of observations 6.

9629. Number of observations 7.

No.	B.D.	A.G.C.	W.B. (z).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.			Mag.	Spectral Type.
												R.A. ^h . ^m . ^s . ⁰⁰⁰¹ .	Dec. [°] . ['] . ["] . ⁰⁰¹ .			
9651	28 3576	C 10725			19 57 15.19	+2.4393	+0.0013	28 31 4.6	+ 9.814	+3.07	12.2	- 12	+ 1	8.8		
9652	27 3587	C 10726	1806	38260-1	57 23.64	4660	12	27 30 15.9	825	309	11.7	+ 39*	+ 6*	4.74	A 5	
9653	30 3853	L 7861		38267	57 25.03	3731	14	30 58 53.3	827	297	12.5	- 2	+ 3	6.71	B 8	
9654	28 3577	C 10727	1813		57 26.13	4297	13	28 53 28.8	828	304	10.9	- 13	+ 5	8.1	K	
9655	24 3969	B 7425			57 27.48	5431	8	24 26 39.0	830	319	11.5	+ 17	+ 9	8.8	F 0	
9656	25 4067	C 10728	1808-9-10		19 57 29.44	+2.5187	+0.0010	25 25 50.9	+ 9.832	+3.16	12.1	+ 29	- 4	8.8	A 3	
9657	26 3762	C 10729			57 29.49	4878	11	26 39 28.0	832	312	12.5	- 14	+ 21	9.0		
9658	26 3763	C 10731		38263	57 31.63	4807	11	26 56 24.3	835	311	11.6	+ 5	+ 6	7.38	K 2	
9659	28 3578	C 10734	1815		57 38.26	4368	13	28 38 9.5	844	305	12.2	- 15	+ 7	9.2		
9660	29 3851	C 10736	1816		57 38.47	4184	13	29 19 44.8	844	303	11.4	- 20	- 18	9.2		
9661	31 3888	L 7867	1826		19 57 51.05	+2.3656	+0.0014	31 16 49.2	+ 9.860	+2.96	13.3	+ 20	+ 1	9.0		
9662	29 3855	C 10739			57 51.30	4066	13	29 46 51.4	860	301	10.0	- 24	- 12	8.6		
9663	31 3889	L 7869			57 51.64	3589	14	31 31 19.7	861	295	12.7	+ 8	+ 7	9.1		
9664	28 3580	C 10740			57 54.16	4288	13	28 57 21.8	864	304	11.7	+ 19	+ 13	9.2		
9665	29 3857	C 10742			57 55.52	4017	13	29 58 6.9	865	301	11.0	- 11	- 26	8.1	K 0	
9666	24 3975	B 7429	1822	38327	19 57 55.89	+2.5411	+0.0009	24 33 1.2	+ 9.866	+3.18	11.8, 12.9	+ 5*	- 6*	5.75	B 8	
9667	31 3891	L 7870			57 57.34	3491	14	31 52 32.5	868	294	12.3	+ 6	- 25	9.0		
9668	26 3764	C 10743	1825		58 0.31	4793	11	27 1 19.7	871	311	11.8	- 4	+ 11	8.7	A 0	
9669	29 3858	C 10747	1837		58 4.10	4206	13	29 16 26.7	876	303	12.2	+ 23	- 34	8.7		
9670	26 3765	C 10746	1829		58 5.86	4797	11	27 0 40.9	879	311	12.1	+ 23	+ 24	9.2		
9671	29 3859	C 10748			19 58 8.46	+2.4121	+0.0014	29 35 43.7	+ 9.882	+3.02	12.5	- 11	- 38	9.1		
9672	29 3860	C 10750			58 9.40	3984	14	30 6 16.8	883	300	12.6	- 4	- 8	9.2		
9673	24 3977	B 7430	1832	38296-7	58 12.37	5381	10	24 41 7.4	887	318	11.2	+ 59*	+ 59*	5.32	F 0	
9674	28 3585	C 10752		38305	58 15.16	4467	12	28 17 38.6	890	306	12.3	+ 12	+ 12	8.6	A 0	
9675	24 3978	B 7432	1839		58 17.10	5507	9	24 10 36.7	893	320	13.0	- 4	+ 16	9.0	F 2	
9676	29 3861	C 10753			19 58 17.56	+2.4111	+0.0014	29 38 35.3	+ 9.893	+3.02	12.7	+ 11	- 23	8.6		
9677	31 3895	L 7878			58 19.89	3630	14	31 24 13.3	896	295	12.0	- 36	- 36	8.5		
9678	24 3979	B 7434		38302	58 20.81	5330	10	24 54 12.2	897	317	11.5	+ 5	- 1	8.4		
9679	30 3862	L 7879		38317	58 21.43	3779	14	30 52 0.5	898	297	12.3	+ 3	+ 23	6.60	B 8	
9680	28 3587	C 10754			58 23.32	4290	13	28 58 41.5	901	304	12.3	+ 8	+ 19	9.2		
9681	27 3591	C 10758	1852		19 58 33.56	+2.4706	+0.0011	27 23 32.8	+ 9.914	+3.09	12.4	+ 2	+ 3	8.8		
9682	28 3589	C 10759	1855		58 35.01	4402	13	28 33 53.2	916	305	12.3	- 22	- 88	9.2		
9683	31 3898	L 7881			58 40.81	3686	14	31 13 29.5	923	295	12.3	+ 19	- 3	9.2		
9684	29 3864	C 10761			58 41.16	4053	14	29 52 52.4	923	300	11.9	+ 12	- 14	9.2		
9685	31 3901	L 7884			58 48.34	3648	14	31 22 11.5	932	295	11.2	+ 35	- 16	8.8		
9686	30 3863	L 7888			19 58 59.05	+2.3830	+0.0014	30 43 9.6	+ 9.946	+2.98	11.6	+ 32	+ 12	9.2		
9687	29 3867	C 10766	1871		59 3.39	4189	13	29 23 41.6	951	302	11.1	- 1	- 8	9.1		
9688	28 3595	C 10767	1873	38349-50	59 6.78	4489	12	28 15 45.5	956	305	11.2	+ 9	- 15	6.79	B 9	
9689	31 3904	L 7891			59 14.92	3635	14	31 26 39.6	966	294	12.6	+ 25	- 21	9.0		
9690	31 3905	L 7892		38368	59 16.55	3562	15	31 42 21.3	968	293	11.2	- 4	- 9	6.53	K 0	
9691	26 3768	C 10770	1879		19 59 18.54	+2.4982	+0.0012	26 21 11.7	+ 9.971	+3.11	12.2	- 18	- 14	9.2		
9692	27 3593	C 10771	1884	38355-8	59 19.07	4546	12	28 3 21.0	971	306	11.6	+ 72	- 71	7.6	G 5	
9693	26 3769	C 10772	1883	38356	59 21.47	4910	12	26 38 20.9	974	310	11.5	+ 1	+ 3	7.7	B 8	
9694	27 3594	C 10774			59 32.72	4680	12	27 33 12.7	989	308	11.8	+ 14	- 18	9.0		
9695	31 3907	L 7896			59 39.32	3580	15	31 39 59.4	997	293	11.6	- 2	0	8.0		
9696	27 3595	C 10775			19 59 42.25	+2.4779	+0.0012	27 10 26.7	+10.001	+3.09	11.7	+ 20	- 15	9.0		
9697	24 3987	B 7443		38372	59 43.02	5403	10	24 40 43.1	002	317	11.4	- 13	- 26	8.7	A	
9698	29 3871	C 10777	1904-5		59 46.85	4119	14	29 42 15.6	006	300	11.2	+ 21	+ 25	8.6		
9699	28 3601	C 10779			59 53.33	4311	13	28 59 11.4	015	303	11.6	+ 25	+ 6	9.1		
9700	29 3872	C 10780	1906-10	38380	59 55.35	4134	14	29 39 21.9	017	301	10.10	+ 515*	- 528*	5.68	K 0	

9652. Number of observations 24.

9657, 9666, 9700. Number of observations 6.

9658. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. ".001.		
9701	28 3602	C 10782			h m s	s	s	o ' "	"	"					
9702	28 3603	C 10783			19 59 59.65	+2.4384	+0.0013	28 43 3.4	+10.023	+0.304	9.8	- 15	+ 3	9.0	
9703	29 3873	C 10786	1915-6	38392	59 59.85	4403	13	28 38 38.4	023	304	12.1	+ 24	- 14	9.2	
9704	31 3914	L 7903			20 0 6.30	4116	14	29 44 7.6	031	300	10.8	- 8	+ 6	6.84	K 2
9705	31 3915	L 7904			0 7.77	3612	15	31 35 3.7	033	294	11.8	+ 12	+ 6	9.2	
9706	29 3875	C 10792	1925-6		0 11.35	3639	14	31 29 26.3	037	294	11.4	+ 16	+ 8	8.2	A 0
9707	28 3604	C 10790			20 0 12.34	+2.4098	+0.0014	29 48 28.5	+10.038	+0.300	11.6	+ 18	+ 13	8.4	
9708	31 3916	L 7907			0 12.93	4468	13	28 24 42.6	039	305	12.7	- 42	- 1	7.7	
9709	25 4083	C 10789			0 13.45	3608	15	31 36 13.5	040	294	13.0	+ 1	- 10	9.2	
9710	26 3771	C 10791	1919-20		0 14.94	5080	11	26 1 0.9	042	312	12.9	- 1	+ 14	9.0	
9711	27 3598	C 10794	1922	38395	0 14.95	4951	12	26 31 37.3	042	310	12.5	- 10	- 15	8.8	K 2
9712	30 3871	L 7908			20 0 15.43	+2.4767	+0.0012	27 15 8.3	+10.042	+0.308	12.3	+ 19	- 12	8.7	A 0
9713	25 4085	C 10799		38401	0 21.85	3813	14	30 42 9.6	051	296	12.1	0	+ 8	8.5	A 0
9714	29 3876	C 10800			0 23.69	5201	11	25 32 10.8	053	314	10.7	- 59	- 53	8.0	K 0
9715	30 3875	L 7910		38418	0 30.00	4074	14	29 54 56.6	061	299	10.9	+ 13	+ 52	9.2	
9716	30 3874	C 10801			0 38.55	3786	14	30 59 15.2	073	296	10.7	+ 30	+ 22	6.87	A 2
9717	31 3921	L 7913			20 0 39.30	+2.3976	+0.0014	30 17 15.2	+10.073	+0.298	11.8	- 5	- 16	8.16	A 3
9718	31 3919	L 7912			0 39.69	3533	15	31 54 3.2	073	292	12.5	- 10	- 27	8.7	
9719	24 3991	B 7454		38408	0 40.15	3665	14	31 25 39.9	074	294	12.5	+ 27	- 17	9.0	
9720	31 3923	L 7915		38427	0 41.89	5417	10	24 40 38.7	076	316	11.9	- 5	- 18	8.2	A 0
9721	29 3880	C 10805			0 45.44	3596	15	31 40 50.8	080	293	11.8	+ 40	- 16	8.1	A 0
9722	26 3775	C 10806	1941-2		20 0 47.93	+2.4272	+0.0013	29 11 24.4	+10.083	+0.302	11.9	+ 1	+ 19	9.1	A 0
9723	26 3778	C 10808			0 50.50	4932	12	26 38 28.5	087	310	11.8	- 5	+ 6	9.2	
9724	31 3924	L 7919			0 57.09	5010	11	26 21 10.4	095	311	12.2	- 8	- 31	9.6	A 0
9725	29 3882	C 10810	1950		0 57.19	3644	15	31 31 18.4	095	294	10.6	+ 37	- 3	8.4	
9726	26 3779	C 10809	1948-9		0 58.19	4057	14	30 0 33.4	096	299	12.1	+ 19	- 2	9.2	
9727	26 3780	C 10813			20 1 1.01	+2.4921	+0.0012	26 41 33.0	+10.100	+0.309	11.9	+ 65	- 15	8.8	
9728	30 3878	L 7922			1 2.92	5038	11	26 13 37.2	102	310	12.5	+ 8	+ 17	8.5	
9729	31 3925	L 7923	1957	38438	1 3.80	3933	14	30 28 31.6	103	297	12.7	+ 7	- 19	8.5	A 0
9730	25 4090	C 10814		38430	1 4.40	3523	15	31 57 46.8	104	291	12.0	- 1*	- 12*	5.69	B 0
9731	30 3881	C 10818	1960		1 8.42	5144	11	25 48 25.8	109	312	12.9	+ 24	- 378	7.8	G 5
9732	31 3926	L 7926			20 1 12.72	+2.3996	+0.0014	30 15 2.4	+10.115	+0.298	12.7	0	- 32	7.91	K 0
9733	27 3603	C 10819			1 13.04	3575	15	31 47 12.7	115	292	12.8	+ 164	- 96	9.2	
9734	27 3605	C 10821			1 16.64	4600	12	27 57 51.5	120	305	12.9	+ 4	+ 1	9.2	
9735	31 3930	L 7928	1971		1 20.21	4716	12	27 30 58.2	124	307	12.1	+ 36	+ 17	9.2	
9736	25 4093	C 10824	1963		1 23.80	3540	15	31 55 19.3	129	291	12.7	0	- 11	9.0	
9737	26 3783	C 10825	1967-8	38443	20 1 25.96	+2.5296	+0.0010	25 12 30.8	+10.131	+0.314	11.9	+ 6	- 21	8.21	K 2
9738	27 3607	C 10828	1975	38449	1 28.01	4907	12	26 46 32.5	134	309	12.1	+ 18	- 12	8.0	B 8
9739	26 3786	C 10829	1977-8		1 42.27	4811	12	27 9 59.7	152	308	11.5	+ 45	+ 31	8.1	F 8
9740	27 3608	C 10830			1 44.40	4928	12	26 42 22.5	154	309	13.0	+ 3	- 32	9.1	
9741	29 3887	C 10831			1 49.07	4703	12	27 35 47.9	160	306	12.0	+ 4	+ 16	9.2	
9742	31 3932	L 7931			20 1 51.87	+2.4177	+0.0014	29 36 59.1	+10.164	+0.299	11.7	+ 1	- 28	8.6	K 0
9743	25 4097	C 10832	1986-7		1 55.08	3608	15	31 42 51.6	168	292	11.0	+ 6	- 10	8.7	A 0
9744	24 3997	B 7469			2 2.83	5272	10	25 20 34.4	178	314	11.7	- 10	- 19	7.8	
9745	29 3889	C 10834	1996-7		2 5.82	5551	9	24 12 7.7	181	316	12.2	- 16	+ 10	8.2	A 0
9746	27 3612	C 10833	1993	38466-8	2 5.89	4059	15	30 4 20.5	181	299	11.6	+ 1	- 84	8.21	F 8
9747	28 3617	C 10835			20 2 6.30	+2.4636	+0.0013	27 52 25.1	+10.182	+0.304	12.2	+ 7	+ 22	7.8	K 5
9748	29 3890	C 10836			2 8.62	4427	13	28 41 8.6	185	302	12.2	- 20	- 47	9.1	
9749	29 3891	C 10837			2 9.52	4226	14	29 27 4.7	186	300	13.4	+ 11	- 9	9.1	A 2
9750	29 3892	C 10838			2 12.55	4211	15	29 30 36.7	190	299	13.0	+ 21	+ 20	9.2	
					2 15.28	4213	15	29 30 21.2	193	299	12.5	+ 17	- 9	9.0	

9739, 9749, 9750. Number of observations 6.

9749. This star is a very close double, Burnham 13504.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. ".001.		
9751	29 3893	C 10839			h m s	s	s	° ' "	"	"	11.3	+ 3	- 24	8.6	K 0
9752	23 3894	B 7477			2 21.32	5579	9	24 5 53.9	201	317	12.5	+ 4	- 20	9.2	
9753	30 3888	C 10842	2006-7		2 22.43	4029	15	30 12 11.0	202	298	12.9	+ 20	+ 24	9.1	
9754	25 4099	C 10840	2000-1	38479	2 23.36	5312	10	25 11 59.2	203	314	13.4	+ 6	- 15	8.11	A 0
9755	27 3613	C 10843	2005	38456-8	2 26.06	4643	13	27 52 2.5	207	304	9.6	+ 32	+ 1	8.4	K 5
9756	30 3890	L 7941			20 2 26.71	+2.3911	+0.0015	30 38 36.5	+10.208	+0.297	12.2	- 6	+ 10	9.2	
9757	28 3619	C 10844	2010		2 28.00	4439	14	28 39 34.3	209	303	12.3	- 6	- 36	8.6	
9758	28 3621	C 10846			2 37.85	4338	14	29 3 25.1	222	301	12.2	+ 27	+ 14	9.2	
9759	27 3616	C 10845		38500	2 38.56	4718	13	27 35 26.0	223	305	11.4	+ 15	- 21	9.2	
9760	31 3939	L 7944			2 44.20	3671	16	31 32.24.3	230	293	10.9	- 3	- 20	8.8	
9761	24 4002	B 7484	2021		20 2 53.74	+2.5567	+0.0009	24 10 39.0	+10.242	+0.317	10.2	+ 44	+ 139	8.5	G
9762	27 3619	C 10849		38514-37	2 53.89	4739	13	27 31 13.6	242	306	10.8	+ 8	+ 26	8.2	F 5
9763	25 4103	C 10850	2028-9	38513	2 58.37	5265	10	25 25 31.9	247	312	10.2	- 4	+ 4	8.6	K 0
9764	30 3894	C 10853	2038-9		3 3.95	4029	15	30 14 54.0	254	297	11.2	- 25	+ 9	9.3	
9765	30 3895	L 7947			3 5.19	3839	15	30 57 2.0	256	294	11.5	+ 7	0	8.8	A 2
9766	31. 3944	L 7948			20 3 11.33	+2.3603	+0.0016	31 48 57.3	+10.264	+0.291	12.2	+ 6	+ 24	9.2	
9767	30 3900	L 7950	2045		3 18.02	3832	15	30 59 28.5	272	294	12.2	- 21	- 33	8.8	
9768	29 3897	C 10856	2046-7		3 23.18	4244	14	29 27 38.8	278	299	12.2	- 1	- 21	9.0	
9769	25 4105	C 10858	2042-4		3 28.15	5150	11	25 55 15.7	285	310	9.4	- 1	- 72	8.2	F 8
9770	28 3626	C 10862	6		3 34.36	4350	14	29 3 56.2	292	300	11.3	+ 12	- 18	9.0	
9771	31 3947	L 7956			20 3 36.55	+2.3591	+0.0016	31 53 17.5	+10.295	+0.290	11.3	+ 1	- 27	9.2	
9772	30 3901	L 7957	10		3 42.80	3906	15	30 44 46.0	303	295	11.2	+ 30	+ 2	9.1	
9773	27 3621	C 10864			3 44.91	4769	13	27 27 20.9	306	305	11.0	+ 1	- 26	9.0	
9774	24 4008	B 7488			3 50.87	5537	9	24 21 25.1	313	315	10.0	+ 6	- 7	8.8	
9775	31 3950	L 7959			3 52.46	3760	15	31 17 35.3	315	293	11.4	- 3	- 2	9.1	
9776	26 3799	C 10868	14		20 4 1.48	+2.5012	+0.0012	26 30 24.4	+10.326	+0.308	11.2	+ 5	+ 32	9.0	
9777	30 3903	L 7962			4 5.31	3832	15	31 2 19.1	331	294	12.6	- 4	- 3	9.2	
9778	31 3953	L 7963			4 10.42	3620	16	31 49 7.1	337	291	10.8	+ 12	- 16	8.0	A 0
9779	30 3906	L 7966	30		4 17.58	3966	15	30 33 45.8	346	295	11.0	+ 3	+ 6	8.4	K 0
9780	26 3801	C 10872			4 19.70	4947	12	26 47 8.2	349	308	11.6	+ 18	+ 2	9.2	
9781	25 4111	C 10871			20 4 19.78	+2.5227	+0.0011	25 39 29.5	+10.349	+0.311	11.8	+ 33	- 4	9.0	
9782	30 3907	C 10874			4 20.28	4056	15	30 13 46.3	350	296	12.3	- 6	+ 4	9.0	
9783	27 3623	C 10877	31		4 26.37	4755	13	27 33 14.6	357	305	12.3	+ 11	- 14	8.6	A 0
9784	27 3624	C 10879	32	38587	4 26.82	4652	13	27 57 28.1	358	303	12.0	+ 7	+ 16	8.2	A 3
9785	25 4113	C 10882	33	38586	4 32.00	5124	11	26 5 17.7	364	310	12.2	+ 26	+ 30	8.1	F 0
9786	26 3803	C 10886	39-40		20 4 34.94	+2.4912	+0.0012	26 56 33.1	+10.368	+0.307	12.3	- 6	+ 5	8.0	B 9
9787	29 3907	C 10888			4 41.17	4239	15	29 33 47.7	376	298	11.7	+ 15	+ 2	9.2	
9788	26 3804	C 10887	49		4 43.34	4937	12	26 51 5.2	378	307	12.1	+ 6	- 31	9.2	
9789	29 3908	C 10890			4 45.17	4195	15	29 44 4.3	381	297	12.5	- 1	- 34	9.0	
9790	29 3909	C 10892			4 47.39	4116	15	30 2 2.8	384	296	12.2	- 4	+ 8	7.96	K 5
9791	30 3911	C 10893	61		20 4 48.76	+2.4057	+0.0015	30 15 25.0	+10.385	+0.295	12.7	- 21	- 5	8.8	
9792	24 4015	B 7498	51-2	38595	4 50.41	5517	9	24 29 45.9	387	314	12.7	- 8	- 73	7.9	G 5
9793	25 4115	C 10891			4 50.51	5232	11	25 40 8.7	387	310	12.3	- 20	- 25	9.0	
9794	24 4016	B 7499	53-4	38594	4 51.01	5543	9	24 23 14.7	388	314	12.1	+ 13	+ 25	8.0	G 5
9795	31 3962	L 7981			4 53.89	3628	16	31 50 24.4	392	291	11.4	+ 20	- 40	8.8	F 8
9796	25 4116	C 10894		38607	20 4 56.74	+2.5149	+0.0011	26 0 41.3	+10.395	+0.309	12.9	+ 1	- 14	7.8	B 3
9797	29 3910	C 10896			5 2.29	4110	15	30 4 27.6	402	296	12.2	+ 3	+ 9	8.71	A 0
9798	31 3964	L 7985	23		5 4.76	3785	15	31 16 47.5	405	292	12.3	+ 24	+ 20	8.1	K 2
9799	24 4017	C 10895			5 6.49	5381	10	25 4 25.9	407	312	12.7	+ 11	- 2	8.7	
9800	24 4018	B 7505	65-6	38611	5 7.09	5519	10	24 30 8.8	408	315	13.1	- 1	- 24	8.7	

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. s.001.		
9801	30 3914	L 7986			h m s	s	s	° ' "	"	"					
9802	31 3965	L 7987			20 5 9.13	+2.3853	+0.0015	31 2 14.9	+10.411	+0.293	13.2	- 5	- 16	9.2	
9803	28 3639	C 10899		38617	5 11.14	3808	15	31 12 14.9	413	292	13.4	+ 11	+ 15	9.2	
9804	29 3911	C 10900	81		5 16.20	4546	13	28 25 15.9	419	302	12.3	- 9	- 20	8.2	K 5
9805	26 3808	C 10901	78-9	38619	5 17.88	4163	15	29 53 20.8	422	297	12.2	0	- 76	8.8	
9806	27 3628	C 10905	88		5 22.19	4923	12	26 56 48.0	427	306	12.8	+ 13	- 2	8.8	A 0
9807	24 4024	B 7509			20 5 28.98	+2.4815	+0.0012	27 23 1.5	+10.435	+0.304	12.7	+ 1	+ 2	9.0	
9808	30 3917	L 7992			5 33.12	5476	10	24 42 27.9	441	313	12.6	- 6	- 21	9.2	
9809	25 4121	C 10910			5 34.40	3836	15	31 7 29.6	442	292	12.6	+ 20	- 24	8.0	K 5
9810	28 3642	C 10911			5 35.54	5177	11	25 56 13.9	444	309	13.1	+ 15	- 4	9.2	
9811	27 3630	C 10914			5 37.39	4555	13	28 24 34.7	446	302	13.3	+ 4	+ 22	9.2	
9812	29 3918	C 10918	114		20 5 45.22	+2.4711	+0.0013	27 48 26.0	+10.456	+0.303	11.1	- 9	- 11	8.6	
9813	27 3631	C 10919	113	38650	5 56.11	4158	15	29 57 6.8	469	296	12.3	- 23	- 24	9.2	
9814	30 3920	L 8000			5 58.59	4651	13	28 3 32.6	472	303	10.8	+ 11	- 2	8.2	K 5
9815	27 3632	C 10920			6 0.35	4026	16	30 27 8.4	474	294	13.1	+ 22	- 4	9.0	
9816	26 3811	C 10922	115	38656	6 1.77	4810	13	27 26 10.4	476	304	13.3	+ 29	+ 6	9.1	
9817	29 3919	C 10924		38663	20 6 3.61	+2.4903	+0.0013	27 3 59.6	+10.478	+0.306	13.4	- 15	- 18	8.1	K 5
9818	31 3971	L 8004			6 4.55	4290	15	29 27 41.1	480	298	12.5	- 1	- 22	8.0	K 2
9819	25 4124	C 10925	117-8		6 9.01	3671	17	31 46 9.7	485	290	13.2	- 1	- 20	9.2	
9820	27 3634	C 10927			6 9.14	5348	11	25 16 11.8	485	310	12.5	+ 4	+ 34	7.86	K 0
9821	31 3972	L 8006			6 11.56	4763	14	27 38 2.3	489	303	13.3	- 1	- 30	9.1	
9822	27 3636	C 10930	130	38669-72	20 6 19.76	+2.3647	+0.0017	31 52 15.9	+10.499	+0.289	12.9	+ 6	- 4	8.7	
9823	28 3644	C 10932			6 20.25	4671	14	28 0 11.5	499	302	13.1	+ 2	- 10	7.6	B 5
9824	29 3920	C 10935		38680	6 22.69	4433	14	28 55 57.6	502	299	12.7	- 27	- 4	9.2	
9825	24 4027	C 10934	132		6 24.20	4294	15	29 27 54.4	504	297	12.7	+ 5	- 26	8.7	
9826	26 3814	C 10936			6 26.92	5392	11	25 6 31.6	507	311	12.9	- 1	- 14	8.7	
9827	30 3922	L 8007	152		20 6 31.18	+2.5100	+0.0012	26 18 12.1	+10.513	+0.307	13.5	+ 5	- 11	9.2	
9828	24 4028	B 7526			6 32.20	3899	16	30 57 38.9	514	292	12.5	- 7	+ 32	8.0	B 9
9829	29 3924	C 10939		38687	6 35.50	5567	10	24 23 23.5	518	313	13.0	+ 18	- 16	9.2	
9830	24 4029	B 7527	138	38681	6 37.08	4320	15	29 22 55.5	520	298	13.2	+ 8	+ 13	8.8	
9831	27 3637	C 10941			6 38.61	5473	11	24 46 57.5	522	312	13.3	+ 7	+ 12	6.98	A 0
9832	26 3815	C 10942		38690	20 6 46.77	+2.4779	+0.0014	27 36 16.9	+10.532	+0.304	11.7	+ 17	- 4	9.2	
9833	31 3975	L 8014			6 48.11	5022	13	26 38 13.0	534	306	12.6	0*	- 7*	5.46	A 2
9834	28 3645	C 10945	153	38696-7	6 49.69	3693	17	31 44 11.0	536	290	12.7	0	- 5	8.4	K 0
9835	28 3646	C 10949		38701	6 50.03	4637	14	28 10 2.9	536	302	13.8	+ 31	+ 15	6.94	B 3
9836	27 3638	C 10948			6 52.52	4399	15	29 5 49.3	540	298	12.9	- 1	- 23	7.44	B 9
9837	29 3926	C 10950	160-2		20 6 53.55	+2.4819	+0.0013	27 27 12.6	+10.540	+0.304	12.3	- 22	+ 1	8.6	K 0
9838	30 3926	L 8017			6 54.51	4161	16	30 0 25.6	542	295	12.2	- 6	+ 1	7.71	A 5
9839	30 3927	L 8018			6 57.81	4046	16	30 26 33.9	546	294	12.3	+ 2	- 14	9.2	
9840	26 3816	C 10952			6 58.42	3976	16	30 42 13.1	546	293	11.5	+ 4	+ 45	9.2	
9841	28 3648	C 10953			7 9.93	4922	13	27 3 38.9	561	305	12.4	+ 5	+ 9	8.2	A 2
9842	28 3649	C 10954			20 7 11.40	+2.4438	+0.0014	28 57 58.6	+10.563	+0.298	12.6	- 18	+ 1	8.5	A 2
9843	28 3647	C 10955	173		7 12.20	4541	14	28 33 54.9	564	299	12.7	+ 11	+ 15	9.1	A 0
9844	30 3929	L 8026	183-4		7 12.52	4634	14	28 12 15.2	564	300	13.3	- 2	+ 27	8.5	
9845	27 3640	C 10959			7 17.97	4031	16	30 31 19.2	571	292	13.1	- 13	- 4	6.72	B 9
9846	29 3928	C 10961			7 21.43	4707	14	27 55 31.0	575	301	12.7	+ 7	- 5	9.0	A 0
9847	25 4138	C 10962	187		20 7 25.45	+2.4319	+0.0015	29 26 16.7	+10.580	+0.297	12.1	+ 16	- 11	8.0	
9848	25 4140	C 10963	191		7 29.05	5221	12	25 52 20.0	584	307	12.8	+ 3	- 72	9.1	G 5
9849	25 4141	C 10964			7 35.25	5389	11	25 11 8.8	592	309	12.9	- 5	- 23	8.61	K 0
9850	29 3931	C 10966		38731	7 36.73	5156	12	26 8 46.3	594	307	12.5	+ 8	+ 25	9.2	
					7 37.52	4380	15	29 13 6.1	595	297	12.7	+ 46	- 20	8.8	

No.	B.D.	A.G.C.	W.B. (z).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 8.001.		
					h m s	s	s	° ' "	"	"		+	-		
9851	28 3652	C 10967	198		20 7 39.22	+2.4615	+0.0014	28 18 31.3	+10.597	+0.300	12.1	+ 28	+ 6	9.2	B 9
9852	31 3982	L 8032			7 40.46	3838	16	31 15 44.4	599	291	11.8	- 3	+ 24	8.6	
9853	25 4144	C 10970			7 45.34	5165	12	26 7 4.0	605	307	13.1	+ 17	+ 37	9.2	
9854	28 3653	C 10971		38744-5	7 45.60	4465	15	28 53 55.1	605	298	12.3	+ 1	- 5	7.34	K 2
9855	27 3642	C 10972			7 52.82	4905	13	27 10 31.6	614	304	12.0	- 15	- 46	8.8	
9856	26 3825	C 10974		38751	20 8 2.29	+2.5065	+0.0013	26 32 24.5	+10.626	+0.305	11.8	+ 5*	- 19*	5.77	K 2
9857	26 3826	C 10975		38754	8 5.19	5044	13	26 37 37.7	629	305	11.8	+ 4	+ 5	7.10	B 8
9858	25 4145	C 10976			8 6.04	5164	12	26 8 39.7	630	307	12.6	+ 2	+ 22	9.2	
9859	25 4146	C 10977			8 6.77	5174	12	26 6 6.2	631	307	12.6	+ 46	+ 16	9.2	
9860	30 3933	L 8034	221-2		8 9.41	3888	16	31 6 42.1	634	291	12.4	+ 8	- 15	8.8	
9861	26 3827	C 10980			20 8 11.30	+2.5084	+0.0012	26 28 28.5	+10.637	+0.306	13.1	+ 4	+ 6	7.56	B 8
9862	28 3656	C 10982			8 12.59	4487	15	28 50 37.7	638	298	12.7	+ 57	+ 14	8.6	F 0
9863	26 3828	C 10981	219	38759	8 14.25	5150	12	26 12 34.5	640	306	12.4	- 3*	- 16*	5.91	B 8
9864	24 4035	B 7549			8 16.18	5567	10	24 29 12.9	643	312	13.7	+ 15	- 9	9.2	
9865	28 3658	C 10985			8 18.98	4468	15	28 55 17.8	646	298	13.1	+ 42	- 120	8.6	
9866	28 3657	C 10986			20 8 19.85	+2.4545	+0.0015	28 37 34.4	+10.647	+0.300	13.5	- 9	- 1	9.2	
9867	28 3661	C 10990	230		8 30.30	4655	14	28 12 25.8	660	300	12.2	+ 1	- 5	8.7	A 0
9868	28 3662	C 10991			8 37.52	4469	15	28 56 25.4	669	298	12.8	+ 54	+ 32	9.2	
9869	28 3664	C 10992	233		8 40.15	4426	15	29 6 32.0	672	297	12.7	- 3	- 22	8.6	A 0
9870	29 3935	C 10997	235		8 41.54	4168	16	30 5 53.2	675	295	12.5	+ 8	- 4	9.1	
9871	28 3663	C 10996			20 8 42.67	+2.4492	+0.0015	28 51 24.9	+10.676	+0.297	13.5	- 1	0	9.0	
9872	25 4149	C 10995	232		8 44.72	5359	11	25 22 47.9	677	308	11.1	+ 39	+ 104	7.36	F 2
9873	31 3988	L 8042	246	38789	8 45.02	3709	17	31 48 41.0	678	289	11.8	+ 20	- 34	8.0	A 2
9874	25 4150	C 10998			8 46.51	5311	12	25 34 48.6	680	307	12.6	+ 16	+ 60	9.0	
9875	30 3942	L 8043			8 47.35	4030	16	30 37 25.5	681	293	12.5	- 12	0	8.8	A 0
9876	25 4151	C 11000			20 8 52.91	+2.5325	+0.0012	25 31 40.1	+10.688	+0.308	12.9	+ 29	+ 14	9.2	
9877	24 4039	B 7558			8 52.99	5637	10	24 13 40.9	688	311	11.9	- 5	- 3	9.2	A 2
9878	27 3649	C 11001	248		9 0.11	4765	14	27 48 13.2	697	301	11.2	+ 21	+ 38	8.6	A 0
9879	29 3940	C 11004	259		9 10.61	4197	16	30 1 24.0	710	294	11.6	+ 3	- 2	9.0	
9880	26 3831	C 11005	257	38795-6	9 13.70	4966	13	27 0 48.2	714	303	10.4	+ 5	0	7.9	B 9
9881	30 3946	L 8055	269	38816	20 9 24.98	+2.4153	+0.0016	30 12 24.4	+10.728	+0.293	11.4	+ 7	- 29	7.93	G 5
9882	25 4154	C 11010			9 26.95	5401	11	25 15 1.3	730	308	10.1	- 28	- 2	9.0	
9883	24 4045	C 11011			9 28.29	5469	11	24 58 10.9	732	309	10.8	+ 207	+ 3	8.5	M 6
9884	30 3947	L 8058			9 33.81	3987	16	30 50 25.0	738	290	10.1	- 4	- 52	8.6	
9885	24 4047	B 7572	275	38817	9 43.19	5643	10	24 15 12.5	750	311	10.4	+ 16	+ 11	8.1	B 8
9886	27 3652	C 11013	287		20 9 52.90	+2.4808	+0.0014	27 41 25.4	+10.762	+0.300	10.6	+ 6	+ 6	8.4	A 2
9887	27 3653	C 11015		38834-5	9 55.34	4916	13	27 15 44.1	765	301	10.6	+ 41	+ 10	8.0	G 0
9888	26 3835	C 11019			10 0.76	5111	13	26 28 40.6	772	304	12.0	+ 21	+ 1	8.8	
9889	25 4158	C 11018			10 0.92	5375	12	25 23 40.3	772	307	12.2	- 5	+ 24	9.2	
9890	26 3836	C 11022			10 3.05	5073	14	26 38 9.6	774	303	11.9	+ 37	+ 104	9.2	
9891	27 3655	C 11024			20 10 14.71	+2.4877	+0.0014	27 26 25.4	+10.789	+0.301	12.2	+ 13	+ 13	9.0	
9892	31 3999	L 8072			10 32.39	3885	17	31 17 25.9	810	288	11.4	+ 25	- 15	8.8	
9893	28 3675	C 11028	309	38856	10 32.71	4634	15	28 25 18.1	811	298	11.7	+ 5*	- 25*	5.20	A 3
9894	29 3947	C 11031	310		10 33.09	4434	16	29 12 18.3	811	295	11.6	+ 27	- 31	9.2	
9895	30 3953	L 8073			10 37.18	4087	17	30 32 14.6	816	292	11.6	+ 6	+ 6	9.2	
9896	29 3948	C 11033	314	38866	20 10 40.21	+2.4255	+0.0017	29 54 13.0	+10.820	+0.293	11.9	+ 9	- 9	6.94	B 3
9897	24 4053	B 7581	307-8	38853-4	10 40.22	5581	11	24 34 15.6	820	309	12.4	- 10	- 10	8.0	B 9
9898	31 4001	L 8076		38869	10 42.04	3771	18	31 43 26.9	822	287	11.6	- 3	+ 4	7.38	B 5
9899	30 3955	L 8077			10 44.69	4067	17	30 37 29.7	826	292	11.5	- 20	+ 31	9.1	A 2
9900	31 4003	L 8078			10 49.74	3911	17	31 12 49.9	832	288	11.2	+ 18	+ 34	8.0	F

9862, 9865, 9868. Number of observations 6.
9869. This star is a close double.

9863. Number of observations 22.
9871. This star is a close double, Burnham 13514.

9866. Number of observations 3.
Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
9901	26 3838	C 11035	320-1		20 10 58.85	+2.5001	+0.0014	26 59 9.6	+10.843	+0.302	11.8	+ 14	+ 4	8.5	A o
9902	29 3949	C 11038			10 59.72	4193	17	30 9 48.1	844	292	11.4	- 2	+ 44	8.8	
9903	31 4004	L 8084	332		11 0.32	3742	18	31 51 8.1	845	285	12.5	- 3	- 5	8.8	
9904	26 3840	C 11036	322		11 0.82	5117	14	26 31 6.2	846	303	12.3	+ 18	+ 41	9.0	
9905	24 4060	C 11037			11 2.43	5473	12	25 2 46.9	847	308	12.3	- 3	0	9.06	A o
9906	24 4058	B 7587	319		20 11 3.06	+2.5548	+0.0011	24 44 0.9	+10.848	+0.309	12.5	+ 30	+ 21	9.2	
9907	24 4063	B 7588	331		11 14.91	5524	12	24 50 43.2	863	307	12.6	+ 17	+ 2	9.2	
9908	29 3952	C 11040	336		11 16.31	4340	17	29 37 3.5	864	294	12.3	- 22	+ 16	9.0	
9909	29 3953	C 11041	337		11 17.19	4320	17	29 41 45.1	865	293	12.4	- 5	- 16	9.1	
9910	31 4006	L 8087	343		11 19.22	3909	17	31 15 29.1	868	287	13.0	+ 20	+ 4	8.6	
9911	30 3958	L 8089			20 11 20.30	+2.3992	+0.0017	30 56 49.2	+10.869	+0.289	12.4	+ 6	- 10	8.7	A o
9912	25 4165	C 11045	338	38896	11 27.07	5415	12	25 18 59.8	878	306	11.1	- 2*	- 2*	4.82	B 3
9913	30 3959	L 8091			11 30.41	4155	17	30 20 41.2	882	292	11.9	+ 12	- 12	8.4	A o
9914	27 3662	C 11048			11 31.76	4931	14	27 18 23.0	883	300	12.4	- 14	- 14	9.2	
9915	27 3663	C 11050			11 38.33	4945	14	27 15 28.8	891	300	13.5	+ 28	- 23	9.2	
9916	27 3664	C 11051			20 11 40.71	+2.4935	+0.0014	27 17 54.9	+10.894	+0.300	12.9	+ 19	+ 33	9.2	
9917	29 3959	C 11053	349	38929	11 41.54	4315	17	29 44 41.1	895	293	11.8	- 14	- 2	8.0	
9918	28 3679	C 11054			11 46.09	4514	16	28 58 32.8	901	295	11.9	- 6	+ 27	9.0	
9919	25 4169	C 11057			11 50.89	5349	13	25 36 51.9	907	305	12.2	+ 30	+ 13	9.2	
9920	26 3843	C 11058	354		11 55.03	5142	13	26 28 22.1	912	303	12.7	+ 7	- 39	9.2	
9921	28 3680	C 11060			20 11 55.57	+2.4534	+0.0016	28 54 38.0	+10.912	+0.295	12.1	- 12	+ 28	9.1	
9922	25 4170	C 11059			11 57.05	5262	13	25 58 56.6	914	304	11.5	+ 6	+ 18	8.6	A 2
9923	28 3681	C 11061			11 58.81	4668	15	28 23 17.4	916	297	12.3	+ 14	+ 9	9.2	
9924	30 3962	L 8097			11 59.41	3991	17	30 59 47.3	917	289	12.5	- 2	- 31	9.2	
9925	27 3666	C 11062	356	38939-40	12 2.36	4882	15	27 32 15.9	921	300	12.0	- 32*	+ 6*	4.73	K 5
9926	30 3966	L 8098	362		20 12 4.27	+2.4133	+0.0017	30 27 56.0	+10.923	+0.291	12.3	0	- 6	9.0	A o
9927	30 3967	L 8099	364		12 6.88	4001	17	30 58 1.5	926	289	11.6	- 75	- 42	7.7	G 5
9928	23 3948	B 7596	360		12 12.83	5716	10	24 5 35.4	934	310	12.3	+ 10	+ 1	9.6	
9929	31 4010	L 8102			12 21.21	3799	18	31 44 28.9	944	286	12.9	+ 1	+ 32	9.2	
9930	31 4012	L 8105	376		12 25.55	3823	18	31 39 26.8	949	286	12.5	+ 35	+ 4	8.7	
9931	28 3682	C 11068			20 12 25.60	+2.4578	+0.0016	28 46 13.2	+10.949	+0.296	13.2	- 29	- 65	9.0	
9932	24 4070	B 7600	368	38946	12 27.59	5663	11	24 20 1.9	952	309	12.4	+ 12	- 16	8.8	
9933	31 4014	L 8107	383		12 33.48	3828	18	31 38 54.6	959	286	12.7	+ 9	+ 28	8.8	
9934	26 3849	C 11072	374	38958	12 35.25	5216	13	26 12 45.1	961	303	12.5	+ 26	+ 8	7.28	G 5
9935	25 4173	C 11073			12 39.14	5366	13	25 35 45.8	966	304	12.5	- 2	+ 2	8.0	A 2
9936	27 3668	C 11074			20 12 42.91	+2.4903	+0.0014	27 29 53.2	+10.970	+0.299	11.6	+ 21	- 15	6.69	A o p
9937	29 3964	C 11075			12 43.08	4399	16	29 29 33.7	970	293	12.3	- 24	- 28	8.7	
9938	28 3684	C 11076	384-5		12 44.59	4563	16	28 51 15.3	972	294	12.3	+ 5	+ 3	8.1	A 2
9939	24 4075	B 7607	387	38967	12 56.00	5656	11	24 23 36.2	986	308	12.3	+ 13*	- 20*	5.45	K o
9940	28 3685	C 11080			12 56.88	4720	15	28 14 42.5	987	296	12.9	+ 5	+ 10	7.7	A o
9941	27 3671	C 11079			20 12 57.09	+2.4979	+0.0014	27 12 15.1	+10.988	+0.299	11.9	+ 25	+ 51	9.2	
9942	26 3850	C 11082			13 5.92	5087	14	26 46 33.3	998	301	13.0	+ 18	+ 26	7.9	A o
9943	25 4178	C 11083			13 7.17	5250	13	26 6 21.2	11.000	303	12.7	+ 19	+ 15	8.6	
9944	31 4016	L 8111	405		13 12.38	3793	18	31 49 28.9	006	285	11.6	- 25	- 31	8.0	G 5
9945	25 4180	C 11084	396-7		13 16.17	5299	13	25 54 48.4	011	303	12.5	+ 6	+ 1	8.8	A o
9946	29 3969	C 11085			20 13 18.58	+2.4297	+0.0017	29 55 35.1	+11.014	+0.291	12.9	- 44	+ 9	8.5	
9947	29 3968	C 11086			13 19.05	4321	17	29 50 2.4	014	292	13.5	+ 27	- 5	8.0	
9948	31 4020	L 8116	411	38998-9	13 19.39	3955	17	31 13 37.7	015	287	12.9	+ 10	+ 33	6.83	A o
9949	29 3971	C 11089			13 28.13	4303	17	29 54 55.2	025	291	11.9	+ 11	0	9.0	
9950	29 3970	C 11088			13 28.48	4488	16	29 11 55.2	026	293	12.5	- 30	- 19	9.1	

9910. Number of observations 4.

9914. Number of observations 6.

9939. Number of observations 16.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "001.	Dec. "001.		
9.951	29 3973	C 11090			h m s	s	s	° ' "	"	"					
9.952	28 3689	C 11093	415		20 13 29.17	+2.4324	+0.0017	29 49 59.6	+11.027	+291	13.3	+ 31	+ 3	8.8	A 2
9.953	26 3852	C 11092			13 31.49	4631	16	28 38 11.0	029	295	12.1	+ 42	0	8.0	K 5
9.954	30 3975	L 8121			13 32.57	5215	13	26 16 41.6	030	302	12.4	+ 25	+ 1	8.6	
9.955	23 3959	B 7615			13 34.77	4099	17	30 42 15.2	033	289	13.0	- 4	+ 8	9.2	
9.956	28 3692	C 11097	424		13 41.12	5756	10	24 0 40.0	041	309	12.7	+ 21	- 10	9.6	
9.957	25 4184	C 11099	423	39004	20 13 42.54	+2.4643	+0.0016	28 36 12.3	+11.043	+295	12.1	+ 12	+ 7	9.2	F 8
9.958	28 3695	C 11101	429	39012-3	13 47.21	5264	13	26 5 33.3	049	303	11.7	- 19	- 71	8.4	K 0
9.959	27 3676	C 11102			13 50.28	4578	16	28 52 2.9	052	294	12.0	0	+ 33	6.38	
9.960	29 3977	C 11105			13 51.38	4839	15	27 49 55.7	054	296	12.7	+ 6	+ 30	9.1	
9.961	28 3694	C 11104			13 52.78	4278	17	30 2 33.8	055	290	12.3	+ 7	+ 9	7.8	
9.962	25 4186	C 11106			20 13 52.89	+2.4738	+0.0015	28 14 16.3	+11.055	+296	11.6	- 23	+ 42	9.2	A 5
9.963	31 4027	L 8125			14 10.46	5481	13	25 12 42.8	077	304	13.1	+ 32	- 15	8.76	K 0
9.964	27 3677	C 11107			14 11.41	3804	19	31 51 18.2	078	285	12.3	+ 28	+ 18	9.0	
9.965	24 4085	B 7622	443-4	39032	14 19.80	4997	15	27 13 30.2	088	298	12.5	- 39	+ 9	9.0	F 5
9.966	25 4188	C 11110	445	39034	14 22.29	5717	11	24 13 14.9	091	307	11.5	+ 8	- 1	8.7	K 5
9.967	25 4189	C 11112	448	39046	20 14 25.05	+2.5480	+0.0013	25 13 46.5	+11.095	+304	10.8	- 14	- 27	7.76	B 3
9.968	28 3698	C 11115			14 27.93	5448	13	25 22 2.4	098	304	11.8	- 10	+ 17	6.78	
9.969	25 4190	C 11114	451	39048	14 32.16	4576	16	28 55 31.4	103	293	11.9	+ 18	- 105	8.8	A 0
9.970	30 3978	L 8132			14 32.18	5456	13	25 20 15.0	103	304	12.2	+ 6	+ 1	8.06	
9.971	29 3984	C 11119	467		14 39.26	4199	18	30 24 1.2	112	289	12.3	+ 5	+ 10	8.8	
9.972	30 3980	L 8135			20 14 46.60	+2.4283	+0.0018	30 5 9.9	+11.121	+290	12.2	+ 9	+ 30	8.36	A 0
9.973	31 4029	L 8136			14 48.79	4166	18	30 32 24.2	123	288	12.1	+ 1	+ 12	8.2	
9.974	27 3683	C 11120			14 49.66	3824	19	31 49 47.6	124	285	11.5	+ 18	- 25	7.24	A 0
9.975	26 3859	C 11122	474		14 51.43	4787	16	28 6 42.8	127	296	11.6	- 5	+ 36	9.2	Ma
9.976	25 4193	C 11126			15 4.38	5135	15	26 42 34.1	142	300	9.6	+ 8	- 26	6.74	
9.977	25 4194	C 11129			20 15 18.37	+2.5352	+0.0014	25 49 32.7	+11.159	+301	10.5	- 4	- 19	8.2	F 8
9.978	29 3989	C 11133	487-8	39090-1	15 23.26	5404	14	25 36 44.3	165	302	10.1	+ 12	+ 21	9.2	A 2
9.979	27 3686	C 11135	493		15 29.69	4520	17	29 12 59.3	173	292	10.3	+ 8	+ 3	7.20	F 5, A 0
9.980	30 3984	C 11137			15 36.23	5010	15	27 16 16.3	181	298	11.4	- 19	+ 15	8.4	B 9
9.981	29 3990	C 11139			15 39.35	4233	18	30 20 26.9	184	288	12.1	+ 8	+ 33	9.0	
9.982	26 3864	C 11140	499		20 15 41.77	+2.4411	+0.0017	29 39 24.6	+11.188	+291	11.3	+ 42	- 18	9.1	G 5
9.983	27 3692	C 11144			15 48.87	5042	15	27 8 32.2	196	298	11.2	+ 9	- 18	8.2	
9.984	31 4033	L 8148	504	39112	15 54.25	4964	15	27 28 1.7	203	297	12.0	- 43	- 20	9.0	A 5
9.985	30 3987	C 11148			15 55.99	3864	19	31 45 50.8	205	284	12.2	+ 42	- 19	7.31	
9.986	24 4090	B 7642	501		16 0.69	4252	17	30 17 44.1	210	288	12.5	- 6	- 3	9.0	
9.987	29 3992	C 11149	508-9	39117-20	20 16 5.15	+2.5727	+0.0011	24 17 3.5	+11.216	+306	12.1	- 23	- 28	9.6	B 8
9.988	31 4036	L 8151	515		16 9.40	4474	17	29 26 35.5	221	291	12.5	- 12	- 4	6.64	
9.989	23 3974	B 7644			16 15.43	3967	18	31 24 1.9	228	285	13.0	+ 12	+ 6	9.2	
9.990	29 3994	C 11154			16 16.36	5768	11	24 7 16.7	229	307	12.3	+ 7	- 32	9.0	
9.991	27 3697	C 11159			16 26.14	4296	17	30 9 22.4	241	289	12.3	+ 9	- 11	9.2	
9.992	25 4198	C 11156			20 16 37.20	+2.4895	+0.0016	27 47 49.3	+11.255	+296	12.3	+ 19	- 17	9.1	K 0
9.993	29 3995	C 11164			16 37.47	5363	14	25 51 59.6	255	300	11.4	+ 8	0	9.1	
9.994	26 3871	C 11162	519		16 42.27	4451	17	29 34 52.3	261	290	11.8	+ 3	- 30	8.6	A 2
9.995	28 3710	C 11165			16 42.72	5225	14	26 27 5.1	261	299	11.2	+ 24	+ 32	8.4	
9.996	29 3997	C 11167			16 49.94	4681	17	28 40 23.0	270	293	11.5	+ 12	+ 18	9.2	
9.997	31 4042	L 8159	535	39151	20 16 50.54	+2.4424	+0.0017	29 41 19.0	+11.271	+290	12.0	- 33	- 22	8.5	B 8
9.998	27 3699	C 11168	533	39145-6	16 55.66	3891	19	31 44 18.0	277	283	12.3	+ 2	- 7	7.40	A 0
9.999	28 3712	C 11171			16 57.35	4980	15	27 28 36.0	279	297	11.4	+ 21	+ 20	8.2	
10,000	30 3991	L 8161	542		17 5.02	4793	16	28 14 16.2	286	294	11.7	- 22	- 17	9.2	
					17 8.83	4223	17	30 29 30.6	293	287	12.0	+ 7	+ 43	8.6	

9980, 9984, 9988. Number of observations 6.

9968. This star is a close double.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "001.	Dec. "001.		
10,001	26 3874	C 11172	541		h m s	s	s	o ' "	"	"					
10,002	25 4205	C 11174			20 17 13.74	+2.5069	+0.0015	27 7 38.1	+11.299	+298	11.8	- 7	+ 25	8.5	K 5
10,003	27 3701	C 11176			17 16.80	5497	13	25 20 40.8	302	302	11.7	+ 17	- 48	9.2	
10,004	31 4043	L 8164	550		17 21.81	5055	15	27 11 39.4	308	297	11.8	+ 3	- 1	8.7	
10,005	27 3703	C 11177	549		17 24.06	3890	19	31 46 4.0	311	283	11.9	- 5	- 28	9.0	A 0
					17 25.14	5047	15	27 13 52.3	312	297	11.4	- 29	- 9	8.1	
10,006	27 3704	C 11179			20 17 31.49	+2.4904	+0.0016	27 49 28.9	+11.320	+294	11.1	- 56	- 142	8.6	F 2
10,007	29 4001	C 11181	561	39174	17 40.35	4381	18	29 55 5.4	331	288	12.0, 10.3	+ 7	- 4	8.0	A 0
10,008	30 3994	C 11182	563		17 40.83	4279	17	30 18 51.8	331	287	12.0	- 6	+ 18	9.1	K 5
10,009	31 4044	L 8168			17 41.54	4029	18	31 16 31.4	332	284	11.9	+ 14	+ 25	8.6	
10,010	30 3995	L 8170			17 46.30	4213	18	30 34 40.5	338	286	12.1	- 9	- 1	7.81	
10,011	29 4003	C 11184			20 17 46.58	+2.4343	+0.0017	30 4 35.9	+11.338	+288	12.5	+ 25	+ 1	9.1	F 8
10,012	27 3705	C 11185			17 49.20	4897	16	27 52 14.8	341	294	11.3	+ 36	+ 47	8.5	
10,013	30 3998	L 8171	571	39181	17 50.79	4286	17	30 18 10.8	343	287	11.1	+ 10	+ 21	6.76		A 2
10,014	26 3875	C 11186	565		17 51.50	5265	14	26 21 39.4	344	299	11.5	+ 4	- 3	9.0	A 0
10,015	25 4208	C 11188			17 53.49	5478	13	25 27 50.4	346	301	11.9	+ 15	- 18	9.1	B 8
10,016	27 3706	C 11190	570		20 17 54.15	+2.4844	+0.0016	28 5 36.3	+11.347	+295	12.2	+ 26	- 4	8.6	
10,017	24 4100	B 7661			17 57.30	5710	11	24 28 49.8	351	304	12.1	+ 6	+ 6	9.0	
10,018	23 3985	B 7663			18 10.86	5809	12	24 4 0.9	367	305	12.4	- 5	+ 20	8.8	
10,019	23 3986	B 7664		39185	18 11.25	5788	12	24 9 30.8	368	305	11.2	- 9*	- 13*	5.41	
10,020	28 3715	C 11195			18 14.26	4675	17	28 47 49.1	371	292	12.2	- 10	+ 6	8.8	
10,021	24 4102	B 7666			20 18 16.07	+2.5752	+0.0012	24 18 57.3	+11.373	+304	12.3	+ 7	+ 13	9.8	A 0
10,022	28 3716	C 11196			18 17.82	4704	17	28 41 6.6	375	292	12.7	+ 28	+ 1	9.2	
10,023	25 4212	C 11197	586	39194	18 20.86	5347	15	26 2 1.9	379	299	12.1	- 8	+ 30	8.1	
10,024	27 3708	C 11199			18 23.27	5042	16	27 19 5.0	382	296	11.9	+ 44	+ 20	9.2	
10,025	28 3717	C 11200	624	39203-4	18 24.91	4739	17	28 33 11.4	384	292	12.4	+ 28	+ 27	8.2	
10,026	30 4003	L 8179	597		20 18 32.91	+2.4127	+0.0018	30 57 55.6	+11.394	+285	12.1	+ 23	- 2	9.0	A 0
10,027	29 4010	C 11206			18 35.02	4588	18	29 10 14.4	396	290	12.1	- 2	+ 15	8.8	F 5
10,028	28 3719	C 11208	627	39212-3	18 37.98	4681	17	28 48 6.4	400	292	10.7	- 4	+ 40	8.2	
10,029	29 4011	C 11210			18 40.12	4423	18	29 49 33.2	402	288	10.5	- 2	- 9	8.2	
10,030	25 4215	C 11212	600	39211	18 44.15	5363	15	26 0 35.3	407	299	9.6	+ 7	- 12	7.10	K 2
10,031	27 3711	C 11216			20 18 53.40	+2.4895	+0.0017	27 57 27.2	+11.418	+294	9.5	- 5	+ 36	8.0	K 0
10,032	30 4005	L 8184	611	39232	19 0.01	4133	19	30 58 36.3	426	284	9.9	- 13	- 22	6.16	K 2
10,033	26 3882	C 11218			19 0.99	5154	16	26 54 11.9	427	296	11.4	- 19	- 10	9.2	G 5
10,034	26 3883	C 11220	607		19 1.84	5164	16	26 51 48.7	428	296	12.0	+ 4	+ 2	9.2	A 3
10,035	28 3724	C 11223			19 4.13	4802	17	28 20 52.9	431	292	12.4	+ 12	+ 14	9.2	
10,036	26 3884	C 11222	608		20 19 4.48	+2.5170	+0.0016	26 50 29.6	+11.431	+296	12.7	+ 28	+ 79	8.6	A 3
10,037	28 3725	C 11224			19 5.52	4616	19	29 5 44.4	433	290	11.7	+ 53	- 22	9.2	K 0
10,038	31 4056	L 8187	615	39241	19 9.80	4063	19	31 15 35.5	438	283	11.3	+ 66	+ 23	7.18	
10,039	29 4014	C 11230	621		19 20.22	4581	19	29 15 8.0	450	290	10.6	- 23	- 23	9.2	
10,040	28 3729	C 11233	628	39258-75	19 35.97	4771	18	28 30 47.1	469	292	10.4	- 27	- 13	8.4	B 9
10,041	25 4222	C 11235			20 19 41.44	+2.5485	+0.0014	25 33 31.1	+11.476	+300	9.9			9.2	
10,042	31 4058	L 8192	634	39262	19 42.99	4084	19	31 13 17.8	478	283	10.8	+ 52	+ 39	8.1	
10,043	31 4059	L 8194			19 46.23	3939	20	31 46 33.2	481	281	10.1	- 42	- 5	8.8	
10,044	30 4010	L 8193			19 47.06	4249	19	30 35 26.7	482	285	10.5	+ 5	- 42	8.5	
10,045	30 4011	C 11241			19 52.71	4314	19	30 20 47.4	489	286	11.4	+ 5	- 13	9.0	A 3
10,046	30 4012	L 8197			20 20 3.83	+2.4284	+0.0019	30 28 36.2	+11.503	+286	9.8	- 33	+ 3	8.8	
10,047	31 4061	L 8198	646	39283	20 4.37	4048	19	31 23 12.0	503	282	10.6	- 1	- 7	8.0	B 9
10,048	31 4062	L 8200	653	39292	20 15.93	3917	20	31 53 56.9	517	280	11.2	+ 32*	- 2*	4.60	K 2
10,049	28 3735	C 11249		39293-4	20 26.19	4737	18	28 42 34.8	529	290	10.4	+ 18	+ 39	7.23	A 2
10,050	31 4063	L 8202			20 27.39	3947	20	31 48 1.3	531	281	11.2	- 29	+ 34	9.2	

No.	B.D.	A.G.C	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".001.	Dec. ".001.		
10,051	28 3736	C 11251			h m s	s	s	° ' "	"	"					
10,052	} 28 3738	C 11253	662		20 20 38.16	+2.4709	+0.0018	28 50 17.9	+11.543	+290	11.1	- 6	- 1	9.2	} 8.4 A 0
10,053					20 39.14	4646	18	29 5 24.3	545	289	11.1	- 24	+ 18		
10,054					20 39.45	4646	18	29 5 26.2	545	289	13.7	- 24	+ 18		
10,055	30 4015	L 8203	670		20 40.06	4981	17	27 44 0.0	546	293	10.5	- 10	+ 10	9.2	
10,056	25 4226	C 11254	663	39305	20 20 46.87	+2.5487	+0.0014	25 37 27.2	+11.554	+298	10.7	+ 7	- 6	8.2	K 5
10,057	24 4116	B 7684	671		20 55.61	5661	13	24 53 13.2	564	300	11.0	- 25	+ 2	8.0	A 0
10,058	26 3891	C 11261			20 56.78	5206	16	26 49 28.0	566	296	12.5	- 17	+ 10	8.6	A 3
10,059	31 4069	L 8207	682		20 57.67	3927	20	31 54 56.3	567	280	11.9	+ 22	+ 15	8.7	K 0
10,060	25 4228	C 11262	674	39315	20 59.15	5440	15	25 50 6.0	568	297	11.3	+ 5	- 9	7.15	K 2
10,061	27 3720	C 11263			20 20 59.43	+2.5072	+0.0016	27 22 55.1	+11.569	+293	11.6	- 72	- 48	9.0	
10,062	30 4017	L 8208	684		21 0.41	4253	20	30 40 9.5	570	284	12.0	+ 9	+ 9	9.2	
10,063	28 3740	C 11264	676	39320-1	21 1.30	4865	17	28 13 57.9	571	291	11.6	+ 19	- 22	8.0	F 2
10,064	29 4025	C 11266			21 5.23	4595	18	29 19 34.5	576	288	12.8	+ 8	- 40	9.0	
10,065	31 4072	L 8211			21 14.45	4079	19	31 21 38.0	587	282	12.5	+ 1	- 30	9.2	
10,066	26 3892	C 11270			20 21 20.96	+2.5202	+0.0016	26 52 2.4	+11.594	+294	12.6	+ 17	+ 1	9.2	
10,067	30 4022	L 8213			21 21.26	4145	19	31 6 54.8	595	283	12.0	- 7	+ 7	9.2	
10,068	30 4023	C 11273	693	39414	21 23.16	4362	20	30 16 30.9	597	285	11.3	- 1	+ 9	8.11	G 5
10,069	25 4231	C 11271			21 23.46	5545	14	25 24 58.6	597	299	12.3	- 12	- 19	8.4	G 5
10,070	30 4024	L 8217			21 26.96	4210	20	30 52 23.8	602	283	13.1	+ 42	+ 91	9.2	
10,071	31 4076	L 8219	699-700		20 21 30.43	+2.3999	+0.0020	31 40 59.5	+11.606	+280	12.2	+ 4	+ 20	9.0	
10,072	29 4027	C 11279			21 32.83	4570	18	29 27 56.4	609	287	12.4	+ 24	+ 21	9.0	A 2
10,073	24 4122	B 7695			21 39.82	5759	13	24 30 35.5	617	302	10.1	- 12	- 26	9.0	
10,074	24 4125	C 11283			21 49.98	5636	13	25 3 22.5	629	299	9.1	+ 12	- 12	8.21	A 2
10,075	26 3897	C 11285			21 49.98	5319	16	26 24 37.6	629	296	10.5	- 25	+ 20	8.2	F 5
10,076	25 4233	C 11289			20 21 53.27	+2.5425	+0.0015	25 57 47.6	+11.633	+296	10.6	+ 8	+ 5	8.5	
10,077	27 3727	C 11293	713		22 3.52	5110	17	27 18 4.1	645	292	10.4	- 8	+ 4	9.6	
10,078	25 4234	C 11296	712	39359	22 7.80	5481	14	25 44 28.8	650	297	11.8	- 2	0	8.6	F 8
10,079		C 11299			22 17.39	5436	15	25 56 36.4	661	296	12.3	+ 30	- 14	9.2	
10,080	23 4018	B 7700	714		22 17.88	5851	12	24 9 0.4	662	302	11.1	+ 11	- 15	9.0	
10,081	28 3747	C 11303	718		20 22 24.77	+2.4660	+0.0019	29 10 15.1	+11.670	+288	11.3	+ 47	+ 54	8.8	
10,082	27 3731	C 11307			22 34.14	4953	18	27 59 21.1	681	291	11.6	- 28	+ 2	9.2	
10,083	24 4130	B 7701			22 37.69	5678	14	24 55 47.4	685	299	11.7	- 1	- 18	9.1	
10,084	31 4079	L 8229			22 39.31	4153	20	31 11 5.6	687	282	12.0	+ 14	- 12	9.2	
10,085	26 3902	C 11309			22 40.07	5299	16	26 33 8.0	688	294	10.3	- 12	- 22	9.2	
10,086	30 4034	L 8232			20 22 49.00	+2.4201	+0.0020	31 0 42.9	+11.699	+283	10.9	- 22	- 8	9.0	
10,087	25 4237	C 11312	723	39406	22 52.71	5621	13	25 11 33.2	703	298	10.6	+ 18	- 8	8.01	A 2
10,088	25 4238	C 11313			22 55.34	5452	15	25 55 23.5	706	296	12.4	+ 38	+ 2	9.2	
10,089	28 3754	C 11316			22 59.64	4703	19	29 2 29.9	711	288	11.8	+ 15	- 26	9.2	
10,090	27 3733	C 11317			23 1.09	5014	18	27 46 18.3	713	290	11.9	+ 25	+ 1	8.8	A 0
10,091	25 4239	C 11320			20 23 7.41	+2.5613	+0.0013	25 14 34.0	+11.721	+298	12.1	+ 9	- 1	9.1	
10,092	24 4133	B 7708	730		23 9.07	5816	13	24 21 49.6	723	301	11.4	- 10	- 18	9.6	
10,093	29 4038	C 11324	745	39408	23 17.93	4450	20	30 4 23.3	733	284	9.0	+ 21	- 13	7.21	A 0
10,094	25 4242	C 11323	737	39402	23 19.04	5593	14	25 20 34.5	734	297	10.3	+ 14	+ 9	8.8	
10,095	24 4134	B 7712	744		23 26.58	5808	13	24 25 2.5	743	301	10.9	+ 11	- 11	8.4	F 5
10,096	30 4036	L 8239	751		20 23 29.88	+2.4212	+0.0020	31 1 26.0	+11.747	+282	10.4	+ 11	- 13	8.8	
10,097	27 3738	C 11331			23 33.93	4961	19	28 1 55.1	752	291	11.1	+ 1	+ 12	8.6	F 2
10,098	27 3739	C 11332			23 47.63	5031	18	27 45 36.6	768	289	9.9	- 4	+ 6	8.7	
10,099	31 4089	L 8243	766.		23 51.09	4110	20	31 26 52.2	772	280	11.0	+ 7	- 4	9.2	
10,100	25 4247	C 11334	762	39442	23 58.04	5486	15	25 50 57.2	780	294	10.6	0	- 25	7.8	A 3

10,052, 10,053. Burnham 10192, magnitudes 8.2 and 8.2.

10,053. Number of observations 2.
10,090. Burnham 10225.

10,058, 10,072, 10,078. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 5.0001.	Dec. 7.001.		
10,101	29 4041	C 11337			h m s	s	s	o ' "	"	"					
10,102	30 4038	C 11340			20 24 6.38	+2.4571	+0.0020	29 39 16.1	+11.790	+285	11.3	+ 12	+ 7	9.0	
10,103	29 4043	C 11339			24 10.16	4425	20	30 14 27.5	795	283	11.9	+ 2	+ 19	9.2	
10,104	29 4044	C 11344		39445	24 10.48	4531	20	29 49 19.3	795	284	12.9	+ 6	- 19	9.1	
10,105	27 3747	C 11346	773		24 19.77	4530	20	29 50 9.1	806	284	11.4	+ 10	+ 5	8.2	A o
10,106	26 3905	C 11347	774		24 22.94	5180	17	27 10 53.0	810	292	12.3	- 37	- 10	9.0	
10,107	24 4141	B 7722	775-6	39441	20 24 23.60	+2.5196	+0.0017	27 6 49.2	+11.811	+292	12.0	- 9	- 10	8.8	A o
10,108	28 3761	C 11354		39482	24 29.90	5743	14	24 46 24.6	818	299	12.1	- 1	+ 33	8.6	A o
10,109	31 4098	L 8251	796		24 43.97	4830	19	28 39 20.7	835	287	11.1	+ 42	- 31	8.6	
10,110	30 4045	L 8253	795		24 49.02	4006	21	31 55 28.2	840	277	11.5	+ 30	- 33	8.6	
10,111	28 3762	C 11355	791	39460-1	24 51.02	4317	21	30 43 26.2	843	281	11.8	+ 3	+ 29	8.8	
10,112	28 3763	C 11356	793	39466-9	20 24 51.70	+2.4938	+0.0018	28 13 29.1	+11.844	+287	11.3	+ 10	- 26	8.2	F
10,113	30 4047	L 8256			24 54.41	4877	18	28 28 36.3	847	287	10.8	+ 35	+ 15	7.8	A o
10,114	28 3764	C 11359	799		24 55.71	4247	21	31 0 15.5	848	280	11.5	+ 15	+ 16	9.0	
10,115	29 4051	C 11361			24 59.78	4930	19	28 16 0.9	853	287	11.1	- 9	+ 8	9.0	
10,116	27 3752	C 11362			25 0.75	4571	20	29 43 44.7	854	284	11.6	+ 25	+ 2	9.2	
10,117	30 4050	L 8258			20 25 4.47	+2.5147	+0.0017	27 22 17.9	+11.859	+290	12.5	- 6	- 7	9.2	
10,118	27 3753	C 11363			25 8.20	4280	21	30 53 19.7	863	280	12.3	+ 16	+ 34	9.2	
10,119	31 4100	L 8260			25 11.85	5097	18	27 35 24.1	867	289	12.5	+ 33	+ 10	9.2	
10,120	29 4052	C 11369			25 12.85	4081	22	31 40 16.7	869	278	12.5	- 7	- 20	9.1	
10,121	27 3755	C 11368			25 13.58	4591	20	29 39 46.3	869	284	12.1	- 3	- 3	8.4	A o
10,122	27 3756	C 11371	802	39483	20 25 14.44	+2.5107	+0.0018	27 33 5.4	+11.870	+289	12.1	+ 42	- 13	8.6	K 5
10,123	27 3757	C 11372	803	39488	25 16.54	4961	19	28 9 43.8	873	287	11.9	+ 31	+ 12	7.6	A 2
10,124	27 3758	C 11374			25 21.47	4987	19	28 3 33.3	879	287	12.1	+ 78	+ 56	7.6	F 2
10,125	29 4053	C 11375			25 23.12	5189	17	27 13 3.9	881	290	11.7	+ 32	- 7	9.2	A o
10,126	24 4145	B 7733		39489	25 23.19	4600	20	29 38 23.5	881	284	11.8	0	+ 5	9.2	
10,127	29 4055	C 11382	808		20 25 30.12	+2.5759	+0.0014	24 46 25.5	+11.889	+298	12.1	- 12	+ 17	8.4	K 5
10,128	31 4104	L 8264			25 30.41	4484	20	30 6 42.3	889	279	12.5	- 9	- 10	9.1	
10,129	26 3911	C 11383			25 30.71	4096	22	31 38 24.0	889	278	12.7	- 11	- 20	9.0	
10,130	26 3912	C 11384	809	39495	25 38.18	5296	17	26 46 59.9	898	292	12.1	- 19	+ 29	9.0	A 2
10,131	29 4057	C 11387	817	39502-5	25 40.47	5331	17	26 38 17.2	901	292	11.5	+ 6	+ 8	8.2	K o
10,132	27 3760	C 11388			20 25 43.06	+2.4500	+0.0020	30 4 4.3	+11.904	+282	12.2	+ 7*	- 4*	4.09	F 5 p
10,133	29 4059	C 11395			25 45.36	5016	18	27 58 32.0	907	288	13.1	+ 1	+ 20	9.0	
10,134	27 3761	C 11400			25 50.85	5203	17	27 11 32.4	913	290	13.7			9.2	
10,136	25 4260	C 11399			25 53.72	4678	19	29 21 52.3	916	284	12.3	- 2	- 30	9.2	
10,137	25 4262	C 11403			25 58.72	5082	18	27 42 36.1	923	289	10.8	- 4	- 8	8.7	
10,138	24 4149	B 7739			20 25 59.13	+2.5460	+0.0016	26 6 35.3	+11.923	+294	11.5	- 29	+ 1	9.1	
10,139	24 4151	B 7742	827		26 2.22	5464	16	26 5 42.1	926	293	12.5	+ 27	+ 1	9.1	
10,140	30 4055	C 11406	837	39530	26 3.83	5729	15	24 56 51.0	928	296	12.1	+ 4	+ 23	9.2	
10,141	27 3765	C 11408	838		26 13.01	5730	15	24 57 4.9	939	296	11.8	- 5	+ 27	9.2	
10,142	30 4057	L 8272	839		26 18.53	4465	21	30 15 19.5	946	281	10.4	+ 4	- 15	7.71	A 3
10,143	27 3768	C 11412	842		20 26 27.38	+2.5126	+0.0019	27 33 50.1	+11.956	+289	10.8	- 16	- 4	8.0	B 9
10,144	25 4265	C 11419	850-1		26 29.89	4376	22	30 37 24.2	959	280	9.5	- 1	- 1	8.5	K o
10,145	27 3773	C 11420	855		26 38.81	5137	19	27 31 48.8	969	290	10.1	- 13	- 2	6.90	F 8
10,146	27 3775	C 11421			26 56.52	5625	16	25 27 51.0	990	295	8.8	- 10	+ 5	9.0	
10,147	25 4266	C 11422			26 59.14	5114	19	27 39 15.5	993	289	9.4	+ 22	+ 43	8.4	
10,148	26 3917	C 11424	856	39558	20 27 1.95	+2.5036	+0.0019	27 59 3.3	+11.996	+287	11.5	- 12	- 8	8.8	
10,149	25 4268	C 11427	863		27 5.88	5575	17	25 41 28.5	12.001	294	10.7	- 15	- 11	9.1	
10,150	29 4067	C 11429	865	39571	27 7.82	5416	17	26 22 57.1	003	292	10.3	- 17	- 22	7.7	K o
					27 12.36	5464	17	26 10 47.7	008	292	11.3	0	+ 5	8.8	A o
					27 12.45	4550	21	29 59 11.1	009	282	11.3	+ 52	+ 33	8.8	G

10,124, 10,125. Number of observations 4.

10,131. Number of observations 47.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".001.	Dec. ".001.		
10,151	28 3779	C 11432			h m s	s	s	° ' "	"	"					
10,152	29 4070	C 11434			20 27 30.16	+2.4893	+0.0020	28 36 51.2	+12.029	+284	12.4	- 11	- 6	9.2	
10,153	25 4270	C 11433	873-4		27 35.17	4697	20	29 25 26.2	035	283	11.0	- 17	- 38	8.4	Ma
10,154	28 3780	C 11435	876		27 36.71	5677	16	25 16 58.0	037	294	11.7	+ 13	- 34	9.1	
10,155	24 4154	B 7753			27 39.08	4971	19	28 18 9.9	040	284	11.5	- 4	- 10	9.1	Ko
					27 41.41	5874	14	24 25 8.6	042	296	10.9	+ 17	+ 3	9.6	
10,156	25 4271	C 11436			20 27 44.72	+2.5487	+0.0017	26 7 23.7	+12.047	+292	11.5	+ 5	+ 7	9.2	
10,157	29 4072	C 11442			28 1.44	4615	21	29 47 33.0	066	282	11.9	+ 9	- 3	9.1	
10,158	29 4074	C 11443	891	39600	28 2.34	4575	21	29 57 21.0	067	281	11.4	+ 21	+ 28	7.31	K2
10,159	26 3921	C 11440	887		28 3.42	5347	18	26 44 46.1	068	290	12.1	+ 17	- 1	8.2	K2
10,160	25 4272	C 11444		39594-5	28 7.14	5636	16	25 30 0.8	072	294	12.1	+ 1	- 21	6.29	A2
10,161	26 3922	C 11447	898		20 28 13.66	+2.5345	+0.0018	26 46 11.6	+12.080	+290	10.9	+ 9	- 33	8.6	Ko
10,162	24 4157	C 11446	892-3	39599	28 13.82	5741	15	25 2 48.2	080	295	11.5	+ 12	+ 1	7.81	AO
10,163	29 4075	C 11451	903		28 16.70	4767	20	29 11 32.4	083	283	9.4	+ 7	- 7	9.1	
10,164	27 3780	C 11453	909-10	39627	28 39.56	5250	18	27 12 29.6	110	289	9.5	- 10	+ 18	8.4	Ko
10,165	28 3786	C 11456			28 57.26	4889	20	28 44 52.2	130	284	10.3	- 3	- 12	8.0	K2
10,166	26 3928	C 11457		39644	20 29 3.10	+2.5328	+0.0018	26 54 19.9	+12.137	+288	10.2	+ 1	0	8.0	K2
10,167	28 3787	C 11458			29 6.40	4894	20	28 44 11.4	141	284	10.0	- 35	+ 17	8.2	Ko
10,168		C 11459			29 6.61	4900	20	28 42 42.9	141	284	12.4			9.2	
10,169	29 4078	C 11460			29 7.41	4574	21	30 2 59.6	142	280	12.1	- 3	+ 16	9.2	
10,170	25 4277	C 11461	926-7		29 13.43	5709	15	25 15 45.0	149	291	11.7	- 7	0	9.1	
10,171	28 3790	C 11465			20 29 19.24	+2.4942	+0.0020	28 33 24.1	+12.156	+284	12.5	+ 3	+ 2	8.8	Ko
10,172	30 4069	L 8301			29 24.31	4435	22	30 37 48.4	162	278	12.7	+ 4	+ 5	9.2	
10,173	31 4125	L 8302	939		29 24.36	4233	22	31 25 43.0	162	276	11.3	+ 16	+ 1	8.0	
10,174	31 4126	L 8303	940	39668	29 26.72	4254	22	31 21 0.6	165	276	11.7	+ 14	- 23	7.6	B
10,175	26 3930	C 11466	936-7		29 30.58	5278	18	27 8 59.6	169	287	12.7	+ 19	+ 27	8.8	A2
10,176	29 4080	C 11470		39672	20 29 39.50	+2.4789	+0.0020	29 13 1.1	+12.180	+282	11.2	- 31	- 22	7.50	K5
10,177	30 4071	L 8307			29 45.14	4485	22	30 27 27.0	186	279	11.7	- 4	+ 16	9.0	
10,178	29 4082	C 11473	946		29 46.22	4728	20	29 28 29.1	187	281	11.5	+ 10	- 39	9.1	
10,179	25 4280	C 11471		39669	29 46.28	5658	16	25 31 42.2	187	293	11.9	+ 9	- 11	8.5	
10,180	25 4281	C 11472		39670	29 46.68	5649	16	25 34 8.8	188	293	11.5	+ 26	+ 19	7.76	AO
10,181	31 4128	L 8309			20 29 53.22	+2.4107	+0.0023	31 57 50.5	+12.195	+274	11.3	- 8	- 26	9.1	
10,182	31 4129	L 8310			29 53.92	4200	23	31 35 54.4	196	275	10.9	0	- 36	8.6	
10,183	27 3788	C 11477	951-2	39682-5	29 58.31	5190	19	27 33 49.3	201	286	10.5	+ 19	0	7.8	A5
10,184	27 3787	C 11478		39686	29 58.98	5130	19	27 49 7.8	202	285	12.4	+ 34	+ 25	8.4	AO
10,185					29 59.25	5130	19	27 49 5.6	202	285	11.9	+ 34	+ 25		
10,186	25 4284	C 11480	953	39687	20 30 6.37	+2.5713	+0.0016	25 18 29.9	+12.211	+292	11.8	+ 17	- 7	8.16	K5
10,187	29 4085	C 11483	963-5	39695	30 14.76	4761	21	29 22 40.4	220	281	11.6	+ 6	+ 9	8.4	AO
10,188	31 4133	L 8314			30 15.07	4138	24	31 52 17.9	221	273	12.0	+ 1	- 5	8.7	
10,189	24 4165	B 7783	959		30 19.35	5895	15	24 30 50.8	226	294	10.8	- 1	- 16	8.8	A2
10,190	31 4134	L 8315			30 20.55	4167	24	31 46 2.6	227	274	11.1	- 10	- 2	8.7	A
10,191	24 4168	B 7785			20 30 32.61	+2.5961	+0.0014	24 13 59.7	+12.241	+294	11.4	0	- 30	9.2	
10,192	28 3794	C 11486			30 40.88	5000	20	28 25 29.7	250	284	10.7	+ 3	- 7	9.2	
10,193	27 3796	C 11489			30 47.96	5153	20	27 47 16.7	259	285	9.6	+ 23	+ 20	8.6	A5
10,194	31 4137	L 8322			30 48.22	4312	23	31 14 15.1	259	275	9.9	- 7	- 7	8.6	
10,195	25 4289	C 11490			30 50.98	5528	18	26 10 33.6	262	289	10.1	+ 6	+ 15	9.1	
10,196	31 4139	L 8324			20 30 58.85	+2.4168	+0.0024	31 49 5.5	+12.271	+274	10.3	+ 43	+ 35	9.2	
10,197	28 3799	C 11495	990	39734	31 6.23	5052	20	28 14 14.9	280	284	11.5	- 2	+ 27	8.8	A2
10,198	30 4086	L 8327			31 9.51	4515	22	30 27 28.0	284	277	12.1	- 3	- 4	9.2	
10,199	24 4176	B 7795			31 22.50	5935	15	24 24 49.3	299	293	12.1	+ 10	- 20	9.2	
10,200	27 3799	C 11497	996	39743	31 22.70	5091	20	28 5 39.6	299	284	12.8	- 25	- 71	8.2	A2

10,157, 10,184, 10,185. Number of observations 4. 10,165, 10,168. Number of observations 6. 10,184, 10,185. These stars form the pair Σ 2698, magnitudes 9.0 and 8.1.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 0.0001.	Dec. 0.001.		
10,201	31 4143	L 8330		39754	h m s 20 31 23.07	+2.4201	+0.0024	31 43 27.1	+12.299	+273	11.3	0	- 11	8.2	K.5
10,202	29 4091	C 11498			31 23.78	4705	22	29 42 14.5	300	279	12.3	- 13	- 15	9.1	
10,203	29 4092	C 11499	1001	39750	31 25.45	4647	22	29 56 32.2	302	279	11.6	+ 3	- 1	7.41	B 5
10,204	30 4087	C 11500			31 26.10	4587	22	30 11 13.8	303	277	12.1	+ 3	- 1	9.2	
10,205	29 4094	C 11502			31 31.20	4616	22	30 4 33.9	308	278	12.3	+ 11	- 4	9.2	
10,206	24 4177	B 7796	998-9		20 31 31.73	+2.5882	+0.0015	24 39 36.2	+12.309	+292	12.5	- 7	- 52	9.2	
10,207	31 4145	L 8336			31 35.42	4260	24	31 30 43.6	313	274	11.7	- 24	+ 3	9.2	
10,208	27 3800	C 11506	1010	39762	31 41.52	5275	19	27 20 15.7	320	284	9.9	- 6	- 5	8.2	A 0
10,209	24 4183	C 11510	1019	39769-71	32 1.72	5777	15	25 10 0.9	343	291	10.0	- 9	+ 9	7.46	A 0
10,210	26 3935	C 11511			32 3.20	5376	19	26 55 48.5	345	286	10.3	+ 31	+ 10	9.0	
10,211	27 3803	C 11513			20 32 8.66	+2.5270	+0.0019	27 23 52.4	+12.352	+285	9.9	+ 55	+ 45	9.2	
10,212	28 3805	C 11514		39787	32 12.19	5015	20	28 28 54.9	355	283	10.5	+ 18	- 7	8.8	
10,213	29 4097	C 11516	1028		32 14.74	4622	22	30 6 45.6	358	278	10.7	+ 44	+ 34	8.7	
10,214	25 4299	C 11515	1024	39785	32 16.88	5691	17	25 34 12.4	361	290	9.7	+ 14*	+ 2*	6.29	A 2
10,215	24 4184	B 7799	1025		32 18.33	5877	15	24 44 31.7	363	292	11.1	- 13	- 17	9.2	
10,216	25 4300	C 11517			20 32 18.42	+2.5636	+0.0017	25 49 3.9	+12.363	+289	10.7	+ 22	+ 12	9.2	
10,217	25 4301	C 11519			32 38.54	5581	17	26 5 1.9	386	288	10.3	+ 23	+ 24	9.0	
10,218	26 3937	C 11523			32 42.13	5535	18	26 17 27.7	390	287	11.0	- 23	- 16	var.	
10,219	27 3807	C 11524			32 43.22	5169	20	27 52 25.8	391	283	10.1	+ 23	- 15	9.2	
10,220	28 3810	C 11525			32 46.56	4928	21	28 53 41.4	395	280	10.1	+ 2	+ 41	8.8	K 0
10,221	30 4097	L 8345			20 32 56.18	+2.4547	+0.0022	30 28 36.3	+12.406	+276	10.1	+ 28	- 18	9.0	
10,222	24 4189	B 7806	1044		32 59.55	5960	15	24 25 9.0	410	292	10.3	+ 3	- 6	9.2	
10,223	27 3809	C 11527			33 1.83	5231	20	27 38 8.8	413	283	11.1	+ 20	+ 18	9.2	
10,224	30 4099	L 8346			33 4.06	4398	24	31 5 24.9	415	274	12.0	- 2	+ 18	9.1	
10,225	26 3938	C 11529			33 7.93	5434	18	26 45 53.4	420	286	11.2	+ 40	+ 1	8.5	A 2
10,226	25 4302	C 11533	1051	39828	20 33 14.30	+2.5577	+0.0017	26 8 54.1	+12.427	+288	10.4	+ 11*	- 15*	5.52	B 9
10,227	31 4153	L 8349			33 17.52	4331	24	31 22 44.2	430	273	11.3	- 14	- 26	8.8	
10,228	25 4304	C 11537			33 27.09	5599	17	26 4 0.3	441	288	11.9	+ 33	+ 39	9.1	
10,229	24 4194	B 7810	1063	39837	33 33.92	5921	15	24 38 20.7	449	291	12.2	0	- 21	9.0	
10,230	30 4102	L 8352			33 40.69	4546	24	30 32 41.9	457	275	12.3	+ 11	- 7	9.2	
10,231	29 4108	C 11544			20 33 43.78	+2.4767	+0.0023	29 38 42.9	+12.460	+278	12.7	+ 20	- 18	8.8	A 0
10,232	27 3813	C 11543			33 44.45	5282	20	27 28 17.8	461	284	12.7	- 6	- 30	9.2	
10,233	25 4305	C 11542	1073		33 45.75	5688	18	25 41 56.4	463	288	12.5	- 16	- 22	9.1	
10,234	30 4105	L 8355			33 47.94	4490	24	30 47 9.2	465	275	11.4	- 15	+ 21	8.5	A 0
10,235	29 4109	C 11545			33 48.07	4640	23	30 10 23.7	465	276	12.3	+ 4	+ 22	8.7	
10,236	24 4198	B 7813			20 33 48.69	+2.6024	+0.0014	24 11 16.2	+12.466	+292	12.3	- 7	- 13	9.1	
10,237	31 4158	L 8357		39856	33 49.89	4252	25	31 44 24.6	467	272	12.5	+ 21	+ 8	7.66	A 0
10,238	29 4110	C 11546			33 50.00	4716	23	29 51 58.8	468	277	12.0	+ 22	- 15	8.6	
10,239	30 4106	L 8356			33 50.35	4514	24	30 41 17.3	468	274	10.3	- 10	- 28	8.0	
10,240	31 4159	L 8358	1083	39857-8	33 52.20	4374	24	31 15 28.3	470	273	10.8	- 1*	- 9*	6.24	A 0
10,241	31 4160	L 8360	1084	39861-2	20 33 53.37	+2.4386	+0.0024	31 12 28.7	+12.471	+273	9.6	- 40*	- 46*	6.38	F 0
10,242	24 4199	B 7818			34 5.18	6015	15	24 14 56.6	485	291	10.7	- 14	- 21	9.1	
10,243	29 4112	C 11551	1089		34 6.54	4833	22	29 24 23.6	486	278	10.9	+ 2	- 7	8.0	A 2
10,244	25 4306	C 11548	1086		34 7.06	5627	18	25 59 50.9	487	287	12.1	+ 17	- 6	8.8	
10,245	24 4200	B 7820	1087		34 10.71	6003	16	24 18 47.9	491	290	12.0	- 28	- 140	8.6	
10,246	26 3941	C 11553			20 34 14.66	+2.5455	+0.0019	26 45 46.3	+12.496	+285	13.3	+ 44	+ 11	8.0	F 8
10,247	31 4164	L 8368			34 15.70	4275	25	31 41 7.8	497	271	12.5	+ 39	+ 8	8.7	
10,248	24 4202	B 7824		39868	34 16.47	5882	17	24 51 57.2	498	289	12.9	- 8	- 11	8.1	
10,249	24 4203	B 7825			34 18.98	5861	17	24 58 0.3	501	289	12.3	- 21	- 33	8.7	
10,250	29 4115	C 11555			34 19.87	4778	23	29 39 3.1	502	277	12.9	- 64	+ 26	9.2	

10,218. Limits of magnitude 8.2 and 9.8, period 75^d.3.

10,226. Number of observations 6.

10,237. Number of observations 7.

10,242, 10,245. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. *0001.	Dec. *001.		
					h m s	s	s	° ' "	"	"					
10,251	31 4165	L 8370	1106	39878	20 34 22.11	+2.4338	+0.0024	31 26 40.8	+12.504	+272	11.9	+ 11	+ 21	8.1	
10,252	29 4116	C 11556			34 24.60	4800	23	29 34 2.7	507	277	12.7	- 3	+ 4	8.6	
10,253	30 4108	C 11560		39887	34 26.47	4632	23	30 15 42.0	509	275	11.5	+ 14	+ 9	7.46	A 0
10,254	25 4308	C 11558	1098		34 28.88	5795	17	25 16 29.6	512	289	13.0	+ 5	- 8	8.8	
10,255	30 4109	L 8372	1111		34 30.07	4495	24	30 49 37.4	513	273	13.1	+ 18	+ 27	8.6	
10,256	31 4166	L 8374			20 34 31.51	+2.4262	+0.0025	31 45 42.9	+12.515	+271	12.1	+ 11	- 19	8.6	
10,257	31 4167	L 8377	1114		34 39.03	4288	25	31 40 9.3	523	271	11.5	+ 22	- 9	9.0	
10,258	24 4205	B 7834		39890	34 49.63	5981	16	24 27 41.1	535	290	10.4	+ 12	- 35	7.7	B 9
10,259	25 4310	C 11568	1113	39893	34 52.00	5811	17	25 14 3.2	538	288	10.9	+ 3	- 21	7.71	A 0
10,260	30 4115	L 8379			34 59.18	4428	24	31 8 11.2	546	273	10.6	- 19	- 5	9.2	
10,261	26 3943	C 11571			20 35 5.26	+2.5557	+0.0019	26 22 59.6	+12.553	+286	11.3	- 14	+ 13	8.8	
10,262	23 4088	B 7838			35 7.46	6072	15	24 4 2.0	556	291	12.1	+ 8	+ 20	9.2	
10,263	23 4090	B 7841	1120-1		35 11.14	6066	15	24 5 58.0	560	290	12.2	+ 21	+ 8	8.7	
10,264	29 4121	C 11572		39921	35 17.21	4709	24	30 1 7.0	567	275	12.7	- 33*	- 79*	5.86	K 0
10,265	30 4119	L 8380	1134		35 19.35	4529	25	30 45 23.0	569	273	12.3	+ 9	+ 15	8.4	A 0
10,266	25 4312	C 11573	1135	39923	20 35 29.05	+2.5706	+0.0019	25 45 9.6	+12.580	+287	12.3	- 42	- 94	7.02	K 5
10,267	28 3828	C 11577	1139	39931	35 34.01	5011	23	28 46 52.4	586	278	11.9	- 4	+ 9	8.0	F 5
10,268	28 3829	C 11578			35 37.61	5093	22	28 26 16.6	590	279	10.9	- 33	+ 7	9.2	F
10,269	26 3946	C 11579			35 40.41	5582	19	26 18 55.8	593	285	12.5	- 5	+ 13	9.1	
10,270	26 3947	C 11580			35 41.02	5568	19	26 22 45.8	594	285	10.0	+ 15	+ 23	7.04	F 0
10,271	27 3820	C 11581		39933	20 35 42.51	+2.5250	+0.0021	27 46 15.4	+12.596	+281	12.1	- 28	- 32	8.0	K 5
10,272	30 4122	L 8381	1149		35 44.57	4520	25	30 50 2.3	598	272	12.3	- 28	- 5	8.6	A 0
10,273	27 3821	C 11585			35 47.32	5205	21	27 58 11.8	601	280	11.9	- 39	+ 26	9.2	
10,274	30 4123	L 8383	1138		35 47.93	4531	25	30 47 36.1	602	273	11.1	- 35	- 22	8.1	K 5
10,275	25 4316	C 11584		39935	35 48.60	5659	19	25 59 24.7	603	285	11.9	- 11	+ 18	8.8	K 0
10,276	28 3833	C 11586	1151		20 35 51.91	+2.5142	+0.0022	28 15 1.8	+12.606	+279	12.3	- 4	- 39	8.8	
10,277	29 4124	C 11587	1153	39945	35 52.93	4681	24	30 11 10.4	607	274	12.1	- 9	- 32	7.66	A 0
10,278	30 4126	L 8386	1154	39948	35 54.86	4606	24	30 29 47.0	610	274	11.3	+ 14	- 26	7.46	K 2
10,279	24 4207	B 7851	1148-50		35 57.17	5982	16	24 32 32.1	612	289	12.0	+ 19	+ 14	8.8	
10,280	31 4172	L 8388	1156		35 59.59	4413	25	31 17 28.3	615	271	11.2	- 4	- 35	9.1	
10,281	24 4208	B 7852			20 36 0.70	+2.5896	+0.0017	24 56 10.3	+12.616	+288	11.1	- 14	- 15	9.2	
10,282	25 4318	C 11590			36 7.90	5656	19	26 1 41.9	624	285	11.2	- 30	- 6	9.2	
10,283	30 4128	C 11594			36 12.30	4661	24	30 17 45.3	629	274	12.1	+ 6	- 2	9.2	
10,284	26 3952	C 11592			36 12.85	5446	20	26 57 37.2	630	283	11.5	- 50	+ 24	9.0	
10,285	26 3953	C 11597			36 19.40	5495	20	26 45 24.3	637	283	11.6	+ 10	+ 7	8.1	A 0
10,286	25 4323	C 11598	1159		20 36 21.56	+2.5728	+0.0020	25 43 13.6	+12.640	+286	12.2	+ 2	- 25	9.1	G 5
10,287	25 4324	C 11600	1161	39957	36 26.21	5786	18	25 28 11.5	645	286	11.4	- 10	- 11	8.6	A 2
10,288	29 4128	C 11602	1171		36 32.02	4870	23	29 27 38.9	652	276	11.1	+ 14	- 5	9.2	
10,289	26 3955	C 11605			36 41.17	5562	20	26 29 19.7	662	284	10.9	+ 26	+ 10	8.7	
10,290	31 4174	L 8394	1179		36 45.51	4359	26	31 34 39.4	667	269	11.7	+ 17	+ 41	9.0	
10,291	28 3841	C 11610			20 36 50.09	+2.5054	+0.0023	28 42 31.5	+12.672	+277	11.7	+ 15	+ 9	9.0	F 5
10,292	25 4329	C 11609	1175	39969	36 50.46	5728	18	25 45 33.7	673	285	10.0	+ 12	- 26	6.75	A 0
10,293	29 4131	C 11612	1181		36 52.16	4871	23	29 29 3.7	674	276	10.3	+ 10	+ 34	6.09	A 0
10,294	30 4134	L 8397			36 55.71	4496	25	31 2 18.1	678	271	9.7	+ 6	- 19	8.4	A 2
10,295	29 4134	C 11613	1184		37 7.47	4758	24	29 58 35.1	692	274	10.1	+ 11	- 3	7.8	
10,296	31 4181	L 8402		39999-40000	20 37 23.91	+2.4271	+0.0026	31 59 12.1	+12.710	+268	9.1	+ 1*	- 18*	5.77	G 5
10,297	27 3829	C 11621		39996	37 31.83	5385	20	27 20 7.4	719	281	10.0	+ 4	+ 3	8.5	A 0
10,298	29 4135	C 11623	1195		37 33.28	4793	24	29 52 16.0	721	274	9.7	+ 175	- 39	8.8	G 5
10,299	28 3849	C 11622	1196	40003	37 33.38	4991	23	29 2 19.6	721	276	8.7	- 18	- 16	8.0	F 8
10,300	30 4138	L 8406		40009	37 37.28	4538	25	30 55 46.1	725	271	9.1	+ 12	- 31	7.45	K 2

10,277. This is the principal star of the pair Σ 2711, components 8.0 and 9.0.

No	B.D.	A.G.C.	W.B. (2)	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "001.	Dec. "001.		
10,301	28 38 50	C 11625	1203	40007	20 37 38.91	+2.4999	+0.0023	29 0 41.7	+12.727	+276	9.9	- 25	+ 9	9.0	G 5
10,302	26 39 61	C 11630	1212		37 56.80	5519	20	26 46 58.8	747	281	8.8	- 1	- 38	8.5	K 0
10,303	27 38 32	C 11631	1214		37 57.01	5253	22	27 56 53.9	747	279	8.7	+ 18	+ 37	8.2	G 0
10,304	27 38 33	C 11632			37 57.52	5264	22	27 53 56.6	748	279	9.9	+ 6	- 13	9.2	
10,305	24 42 16	B 7873			38 0.64	5913	18	25 1 1.4	752	287	10.5	+ 30	+ 10	9.2	
10,306	26 39 62	C 11635			20 38 7.38	+2.5454	+0.0021	27 4 54.9	+12.759	+281	11.6			10.0	
10,307	30 41 45	L 8418	1227	40032	38 21.17	4539	26	30 59 21.0	775	270	10.9	+ 10	+ 35	6.97	A 0
10,308	25 43 38	C 11637			38 22.64	5695	20	26 2 7.2	776	283	11.5	- 3	- 16	9.2	
10,309	24 42 18	B 7875	1224		38 24.15	5928	17	24 58 34.6	778	286	10.7	- 17	+ 14	9.1	
10,310	30 41 46	L 8419			38 24.85	4658	26	30 30 30.2	779	272	11.1			9.2	
10,311	25 43 39	C 11639			20 38 28.59	+2.5772	+0.0019	25 42 1.0	+12.783	+284	10.7	- 10	- 20	9.2	
10,312	30 41 48	L 8421			38 36.61	4595	26	30 47 8.8	792	271	10.7	- 10	+ 3	9.2	
10,313	27 38 36	C 11643	1233-4		38 38.90	5385	21	27 26 0.8	795	279	9.9	+ 10	+ 6	8.7	
10,314	29 41 46	C 11648	1236		38 42.69	4800	25	29 56 40.4	799	273	9.3	- 8	- 18	8.4	K 2
10,315	24 42 20	C 11649			38 48.42	5895	18	25 9 45.0	805	286	10.0	+ 24	- 11	9.1	
10,316	24 42 22	B 7884			20 39 7.25	+2.6106	+0.0017	24 12 48.6	+12.826	+287	9.7	- 13	- 19	9.2	
10,317	24 42 21	B 7885	1240		39 7.74	5979	18	24 48 11.1	827	286	9.7	+ 9	+ 49	8.6	
10,318	31 41 92	L 8428			39 9.33	4346	27	31 50 44.9	829	267	10.7	- 18	- 5	9.2	
10,319	31 41 94	L 8429	1258		39 16.18	4415	27	31 34 45.3	836	267	10.3	- 2	+ 6	8.8	
10,320	26 39 68	C 11657	1257	40060	39 25.61	5588	21	26 35 59.8	847	280	10.7	0	+ 33	9.2	
10,321	25 43 47	C 11658			20 39 27.36	+2.5832	+0.0019	25 30 1.9	+12.848	+284	9.3	- 7	+ 19	7.01	F 0
10,322	25 43 48	C 11661		40064	39 32.24	5882	19	25 16 39.1	854	284	10.5	+ 22	- 7	7.31	K 5
10,323	26 39 69	C 11662	1266		39 32.60	5517	21	26 55 38.3	855	279	10.0	0	+ 3	7.8	M b
10,324	29 41 49	C 11663	1267		39 37.78	4834	25	29 53 7.1	861	273	9.3	+ 13	- 13	8.6	K 0
10,325	27 38 43	C 11664			39 53.75	5460	22	27 12 30.7	879	280	9.3	- 11	- 27	9.2	
10,326	25 43 50	C 11665			20 39 55.33	+2.5846	+0.0019	25 28 36.0	+12.880	+284	11.4	+ 9	+ 12	9.1	
10,327	26 39 70	C 11668			40 6.11	5482	21	27 7 45.7	892	280	10.3	- 19	+ 7	8.6	K 0
10,328	28 38 69	C 11671	1283	40086	40 17.41	5098	24	28 49 12.8	905	274	9.8	+ 8	+ 24	8.1	A 0
10,329	25 43 53	C 11673			40 22.72	5833	19	25 34 24.6	911	284	11.5	+ 18	+ 35	9.2	
10,330	23 41 26	B 7901			40 27.10	6167	17	24 1 59.2	916	287	8.9	+ 14	+ 14	9.2	
10,331	26 39 73	C 11680	1298		20 40 43.43	+2.5482	+0.0021	27 10 51.2	+12.934	+280	10.9	+ 21	+ 19	9.2	
10,332	29 41 56	C 11682			40 45.50	4973	24	29 23 52.7	936	273	11.1	+ 17	+ 10	9.2	
10,333	31 42 04	L 8443		40102	40 45.92	4501	26	31 22 10.1	937	267	10.7	- 7	+ 3	8.0	B 3
10,334	24 42 28	B 7908			40 46.04	6040	18	24 39 2.7	937	284	10.5	- 29	- 4	8.8	
10,335	30 41 58	L 8445			40 46.73	4547	26	31 11 5.0	937	267	11.0	- 1	+ 3	8.8	
10,336	28 38 73	C 11686			20 40 54.22	+2.5148	+0.0024	28 39 28.8	+12.946	+274	11.3	- 7	+ 1	9.2	
10,337	30 41 60	L 8447			40 56.44	4716	25	30 29 48.9	948	270	10.0	+ 15	+ 29	8.8	
10,338	24 42 29	C 11688		40099	40 58.79	5980	18	24 56 53.2	951	283	9.0	- 26*	- 182*	5.13	K 2
10,339	31 42 06	L 8448		40106	41 0.63	4468	28	31 31 41.7	953	266	11.7	+ 13	- 3	8.7	
10,340	26 39 75	C 11692			41 0.81	5701	21	26 13 34.3	953	281	12.1	+ 1	+ 21	9.2	
10,341	27 38 50	C 11693			20 41 1.67	+2.5281	+0.0023	28 5 32.2	+12.954	+276	12.1	+ 18	- 21	9.0	
10,342	31 42 07	L 8449			41 2.63	4361	28	31 57 51.8	955	265	12.1	+ 32	+ 6	8.6	
10,343	25 43 61	C 11695	1307		41 13.48	5905	19	25 18 43.6	966	283	12.2	+ 32	- 57	9.0	
10,344	25 43 63	C 11697			41 17.21	5834	19	25 38 33.2	971	282	12.4	+ 20	+ 7	9.2	
10,345	28 38 75	C 11699			41 20.37	5146	24	28 42 30.3	975	274	12.3	+ 28	- 9	9.2	
10,346	30 41 63	L 8453			20 41 20.67	+2.4707	+0.0027	30 34 25.9	+12.975	+269	12.9	+ 35	+ 21	9.2	
10,347	24 42 32	B 7916	1309		41 21.20	6008	19	24 50 56.2	976	283	11.1	- 6	- 67	8.6	A
10,348	24 42 33	C 11698			41 21.67	5975	18	24 59 59.9	976	283	11.7	- 10	- 4	8.7	A
10,349	29 41 63	C 11702			41 25.94	4860	26	29 56 22.5	981	271	13.2	- 1	- 17	9.2	
10,350	29 41 64	C 11701	1315-6		41 26.04	4944	26	29 35 4.8	981	272	12.1	+ 20	- 22	8.4	A 2

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.		
												R.A. *0001.	Dec. *001.				
					h m s	s	s	° ' "	"	"		+	-				
10,351	31 4210	L 8454	1324-5	40126	20 41 32.56	+2.4500	+0.0027	31 26 48.6	+12.988	+267	11.9	+	1	-	14	8.0	K 2
10,352	29 4167	C 11707			41 34.56	4863	26	29 56 25.5	990	271	11.0	+	15	-	26	9.2	
10,353	25 4364	C 11706	1320		41 36.78	5810	20	25 46 41.2	993	280	11.6	-	7	+	5	8.0	B 9
10,354	26 3979	C 11709			41 42.39	5591	22	26 46 44.4	999	279	11.5	+	15	-	1	9.2	
10,355	24 4235	B 7921			41 42.79	6117	18	24 22 5.3	13.000	285	11.6	+	16	-	18	9.2	
10,356	30 4166	L 8456			20 41 48.43	+2.4684	+0.0027	30 42 38.6	+13.006	+269	11.1	-	15	-	5	8.6	
10,357	30 4167	C 11715	1329	40139	41 56.81	4764	26	30 23 27.0	015	270	10.1	-	11*	+	23*	4.34	K 0
10,358	30 4169	C 11717	1333		42 6.61	4783	26	30 19 47.3	026	269	11.5	+	15	+	10	8.6	
10,359	31 4212	L 8460			42 20.21	4420	28	31 51 2.8	041	264	11.7	-	4	-	13	9.2	
10,360	26 3982	C 11723			42 20.87	5543	22	27 2 56.1	042	277	11.7	-	17	-	25	9.3	
10,361	31 4213	L 8461	1338		20 42 27.97	+2.4397	+0.0028	31 57 6.6	+13.050	+264	10.1	+	7	+	1	8.2	K 5
10,362	30 4170	L 8462			42 29.39	4633	27	30 59 16.8	051	267	11.5	-	2	-	13	9.2	
10,363	31 4214	L 8464	1345		42 38.19	4478	28	31 38 22.1	061	265	10.9	-	5	+	1	9.0	
10,364	29 4176	C 11730			42 48.38	5028	25	29 20 56.2	072	271	11.2	+	9	-	1	9.2	
10,365	23 4148	B 7928	1341-2	40157	42 48.56	6186	17	24 7 55.7	073	284	10.9	+	26	+	16	7.07	A 2
10,366	25 4371	C 11729			20 42 49.58	+2.5777	+0.0021	26 1 55.8	+13.074	+280	11.4	-	4	+	9	9.2	
10,367	31 4216	L 8467	1349		42 51.98	4484	28	31 38 15.6	076	265	10.7	-	26	-	6	9.1	
10,368	27 3865	C 11733			43 0.58	5383	24	27 47 51.2	086	274	10.7	-	4	+	6	8.4	
10,369	28 3885	C 11736			43 3.05	5231	25	28 29 23.4	089	274	11.2	-	13	+	36	9.2	
10,370	26 3986	C 11737	1354		43 7.76	5618	23	26 46 51.3	094	278	11.7	+	32	+	22	9.1	
10,371	24 4241	C 11738	1353	40166	20 43 9.71	+2.5989	+0.0019	25 5 3.6	+13.096	+281	11.1	-	27	-	49	8.16	G 5
10,372	30 4172	L 8472			43 18.06	4747	28	30 35 24.1	105	267	11.1	-	2	+	63	9.2	
10,373	31 4218	L 8477			43 21.71	4450	29	31 49 37.5	109	263	11.7	-	18	+	20	9.0	
10,374	31 4220	L 8479		40181	43 28.10	4449	29	31 50 27.1	116	263	10.3		0	-	8	7.7	A 0
10,375	30 4173	L 8482			43 37.55	4719	28	30 44 12.2	127	267	10.7	+	13	+	23	9.0	
10,376	29 4178	C 11748			20 43 41.40	+2.4878	+0.0027	30 4 26.5	+13.131	+269	10.3	-	19		0	9.1	
10,377	26 3993	C 11749	1371		43 43.96	5599	23	26 55 2.3	134	276	8.8	-	9	-	31	9.2	
10,378	25 4375	C 11752		40186	43 55.07	5838	21	25 50 46.7	146	279	10.3	+	15	-	2	7.00	B 9
10,379	29 4181	C 11755			44 1.83	5064	26	29 18 23.1	153	270	11.7	+	13	-	18	8.0	K 0
10,380	27 3868	C 11754	1376	40192-3-4	44 2.47	5528	24	27 15 49.7	154	275	11.5	+	16	-	20	6.95	A 5
10,381	31 4221	L 8486	1379	40201	20 44 2.88	+2.4526	+0.0029	31 34 52.3	+13.155	+264	12.1	+	7	+	10	7.8	A 0
10,382	29 4182	C 11757			44 4.88	4960	27	29 45 36.4	157	269	12.1	+	25	-	4	9.1	
10,383	31 4222	L 8488	1383-4	40205	44 6.60	4586	28	31 20 24.0	159	265	11.7	+	17	+	2	7.8	A 2
10,384	31 4224	L 8489			44 11.62	4451	29	31 54 16.2	164	263	12.3	+	12	-	19	9.2	
10,385	24 4245	B 7939	1377		44 14.57	6174	19	24 18 26.6	167	282	12.1	-	23	+	14	9.0	
10,386	31 4225	L 8490			20 44 15.10	+2.4474	+0.0029	31 48 54.4	+13.168	+264	12.1	+	25	-	29	8.6	A 0
10,387	26 3995	C 11761		40203-4	44 15.98	5563	23	27 7 29.8	169	276	11.7	-	9	-	13	8.0	F 0
10,388	27 3871	C 11762			44 17.62	5469	24	27 33 12.3	171	275	12.1	+	32	+	28	8.2	
10,389	24 4247	B 7941	1385		44 19.88	6159	19	24 23 8.5	173	282	12.3	-	7	-	48	9.0	
10,390	25 4378	C 11765	1387	40207	44 22.49	5800	21	26 3 44.6	176	278	12.7	-	15	+	17	8.0	K 5
10,391	28 3888	C 11767	1391		20 44 22.75	+2.5326	+0.0025	28 11 49.6	+13.176	+273	12.7	-	13	+	20	7.7	K 0
10,392	27 3872	C 11768			44 23.87	5530	24	27 17 9.6	178	275	12.6	+	36	-	7	9.2	
10,393	26 3996	C 11769			44 28.43	5601	23	26 58 28.0	183	276	12.3	-	13	-	16	9.0	
10,394	27 3873	C 11772	1394		44 29.11	5391	25	27 54 58.3	183	274	11.8	-	8	+	5	7.9	M b
10,395	26 3997	C 11773			44 33.14	5580	23	27 4 22.6	188	276	11.5	-	5	-	14	9.0	
10,396	26 3998	C 11774	1395		20 44 33.60	+2.5710	+0.0022	26 29 15.6	+13.188	+276	11.1	+	6	+	16	9.0	A 0
10,397	30 4184	L 8494	1404		44 46.32	4642	28	31 10 12.5	202	264	11.3	-	5	+	10	8.4	A 0
10,398	24 4249	B 7946	1397	40228	44 48.87	6148	19	24 28 36.4	205	281	11.3	-	8	+	11	8.2	A 2
10,399	28 3890	C 11779	1403	40239	44 51.82	5274	25	28 28 9.3	208	272	11.3	+	40	+	55	8.4	G 5
10,400	30 4185	L 8496		40242	44 54.41	4813	27	30 27 39.3	211	266	9.4	-	15	-	77	7.36	K 5

10,366, 10,380, 10,390, 10,400. Number of observations 6.
10,387. Burnham 10538, components 8.6 and 9.1.

10,390. This is the principal star of the pair Σ 2728.

10,371. Burnham 10,519, components 8.7 and 8.9.
10,392, 10,394. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^s .0001.	Dec. ^s .001.		
10,401	25 4383	C 11785	1409		20 45 5.71	+2.5969	+0.0021	25 20 18.8	+13.224	+279	10.0	+ 7	+ 13	7.76	B 9
10,402	26 4001	C 11789	1412		45 8.77	5627	23	26 54 49.7	227	275	10.3	+ 1	+ 14	8.8	
10,403	29 4193	C 11791			45 10.95	5113	27	29 12 9.3	229	270	10.0	- 25	+ 34	8.8	
10,404	25 4384	C 11790	1411		45 11.05	5971	21	25 20 10.7	229	279	11.1	+ 7	+ 13	7.56	B 9
10,405	24 4251	B 7952	1413		45 13.22	6125	19	24 37 11.1	232	281	11.1	- 128	- 220	9.6	
10,406	30 4189	L 8501			20 45 22.30	+2.4754	+0.0029	30 45 29.6	+13.242	+266	10.1	+ 13	+ 3	9.2	
10,407	30 4190	L 8502	1422		45 28.40	4689	29	31 2 24.3	248	265	10.6	+ 9	+ 3	8.8	
10,408	31 4230	L 8505	1430		45 36.92	4472	30	31 57 25.6	258	262	9.9	- 137	+ 281	8.4	K 2
10,409	27 3880	C 11805			45 40.10	5543	24	27 20 28.0	261	273	11.7	+ 9	- 36	9.2	
10,410	24 4253	B 7954	1426	40259	45 45.69	6153	19	24 31 53.0	267	280	10.7	- 28	- 20	8.6	A 0
10,411	26 4005	C 11806	1427		20 45 46.98	+2.5715	+0.0022	26 34 9.9	+13.269	+275	11.2	+ 3	- 5	8.0	A 0
10,412	25 4387	C 11808	1431	40263	45 52.18	5962	21	25 26 9.3	274	278	9.7	+ 98	+ 2	7.86	G 5
10,413	30 4191	C 11809	1438	40278	45 52.27	4869	28	30 18 57.5	274	265	9.4	- 2	+ 1	7.91	K 2
10,414	29 4195	C 11810			45 59.99	5021	27	29 40 34.5	283	268	11.6	+ 11	+ 4	8.6	
10,415	25 4390	C 11811			46 8.22	5888	22	25 48 19.0	292	277	11.9	- 1	- 24	9.8	
10,416	28 3898	C 11814		40288	20 46 10.37	+2.5258	+0.0027	28 39 27.2	+13.294	+270	11.5	+ 33	- 14	8.0	
10,417	25 4391	C 11812		40283	46 10.44	5903	22	25 44 8.8	294	277	11.9	- 4	- 9	8.2	A 0
10,418	26 4008	C 11816	1443	40289-90	46 14.71	5621	24	27 2 30.8	299	274	10.9	+ 7	+ 8	7.04	B 9
10,419	28 3900	C 11817			46 23.62	5174	27	29 2 59.0	309	269	11.5	+ 9	- 28	8.6	K 0
10,420	26 4009	C 11818			46 28.30	5795	22	26 15 47.3	314	275	12.5	- 22	+ 3	9.1	
10,421	26 4010	C 11820	1451		20 46 32.74	+2.5794	+0.0023	26 16 29.8	+13.319	+274	11.1	+ 10	- 9	9.0	
10,422	30 4197	L 8513			46 40.89	4723	29	31 1 1.6	327	264	11.1	+ 8	- 2	7.7	A 0
10,423	27 3886	C 11822			46 42.78	5542	25	27 26 26.6	330	273	11.5	+ 50	+ 13	10.0	
10,424	28 3902	C 11823		40308	46 44.02	5335	26	28 22 9.8	331	271	11.9	+ 24	+ 6	8.6	
10,425	29 4200	C 11826			46 47.24	5047	28	29 38 29.1	334	267	12.3	- 16	- 19	8.4	A
10,426	29 4201	C 11829	1459		20 46 51.96	+2.4948	+0.0028	30 4 37.1	+13.339	+265	11.0	- 26	- 10	7.96	F 5
10,427	30 4199	L 8518	1460	40318	46 52.01	4831	29	30 34 31.4	340	264	10.9	+ 43	+ 45	6.75	A 2
10,428	25 4395	C 11828			46 52.37	5966	22	25 30 13.6	340	278	11.2	- 15	- 11	9.1	
10,429	30 4201	L 8519	1461		46 54.02	4794	29	30 44 20.7	342	264	11.9	+ 7	0	9.1	
10,430	29 4202	C 11830			46 57.71	5091	28	29 28 0.0	346	267	11.5	- 17	- 13	9.0	
10,431	29 4204	C 11831			20 47 4.39	+2.4979	+0.0029	29 57 45.6	+13.353	+266	11.4	+ 8	+ 3	9.0	
10,432	26 4012	C 11834	1464		47 16.75	5816	22	26 14 20.9	366	275	11.8	- 1	+ 33	9.1	
10,433	28 3904	C 11837			47 20.79	5250	27	28 48 19.3	371	270	11.5	- 16	+ 38	9.2	
10,434	28 3905	C 11838			47 25.58	5351	26	28 21 50.4	376	271	11.1	- 5	+ 21	9.0	
10,435	29 4210	C 11842	1473		47 34.09	5155	28	29 14 38.6	385	268	9.9	- 28	- 35	8.6	
10,436	26 4013	C 11841			20 47 34.85	+2.5636	+0.0024	27 5 29.2	+13.386	+272	9.1	- 28	- 4	7.7	A 3
10,437	27 3890	C 11843	1476	40335-6	47 38.96	5457	26	27 54 46.0	391	270	9.2	+ 5*	- 13*	var.	F 8
10,438	26 4014	C 11848			47 54.04	5822	23	26 15 59.4	407	273	10.7	+ 26	+ 46	9.2	
10,439		C 11849			47 58.25	5831	23	26 13 47.9	411	274	11.5			9.2	
10,440	29 4213	C 11852	1482		48 9.88	5057	28	29 43 43.4	424	265	10.4	+ 21	- 1	8.8	
10,441	24 4260	B 7973			20 48 13.62	+2.6230	+0.0020	24 22 14.2	+13.428	+278	11.1	+ 20	- 45	8.8	
10,442	27 3897	C 11854			48 16.38	5580	25	27 24 31.0	431	271	10.9	+ 6	- 4	9.0	
10,443	26 4017	C 11853	1485	40357-8	48 16.50	5723	24	26 45 34.9	431	273	9.5	- 56*	- 71*	4.76	G 5
10,444	28 3907	C 11855			48 18.22	5335	27	28 30 56.2	433	268	11.5	+ 15	+ 6	8.0	K 2
10,445	29 4214	C 11857			48 19.96	5098	28	29 34 7.9	435	266	12.1	- 3	+ 17	9.2	
10,446	28 3910	C 11860			20 48 29.68	+2.5386	+0.0026	28 18 26.5	+13.446	+269	12.1	- 28	+ 9	9.0	
10,447	30 4210	C 11861			48 30.67	4935	29	30 17 26.7	447	263	11.1	- 49	- 189	9.2	
10,448	29 4217	C 11863	1499		48 40.79	5002	29	30 1 17.5	458	264	10.5	- 1	- 13	9.0	
10,449	29 4218	C 11864	1501		48 42.47	5028	29	29 54 36.4	459	265	10.1	- 11	- 9	8.4	
10,450	25 4401	C 11865	1498		48 48.03	5854	23	26 11 57.8	465	273	10.7	+ 11	- 2	8.8	

10,426. This is the principal star of the pair O Σ 415, components 8.2 and 10.3.

10,432, 10,437. Number of observations 4.

10,437. The variable T Vulpeculae: limits of magnitude 5.5 and 6.1: period 4^d.4+.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. s.001.		
10,451	24 4263	B 7978	1505	40381	20 48 57.69	+2.6201	+0.0020	24 34 28.8	+13.476	+2.277	9.8	- 11	- 35	6.91	K 5
10,452	31 4247	L 8541		40395	49 5.48	4692	31	31 23 11.1	484	260	11.1	+ 5	+ 7	8.1	K 2
10,453	28 3915	C 11868	1509	40393	49 8.76	5247	28	28 59 30.6	488	267	11.5	- 12	- 8	8.0	B 9
10,454	31 4249	L 8543			49 13.09	4676	31	31 28 9.8	492	260	11.1	- 22	- 8	8.6	
10,455	28 3916	C 11870	1515	40397	49 16.34	5291	28	28 48 19.0	496	267	11.5	+ 14	+ 2	7.7	A 0
10,456	29 4221	C 11873	1518-9	40403-4	20 49 20.68	+2.5179	+0.0029	29 18 36.7	+13.501	+2.266	12.1	+ 15	- 52	6.40	K 2
10,457	24 4265	B 7980			49 22.32	6146	22	24 52 9.4	502	276	11.7	+ 34	- 20	8.8	
10,458	28 3917	C 11875			49 28.35	5340	27	28 36 21.3	509	268	11.5	- 11	- 6	8.8	
10,459	24 4266	B 7986	1527	40414	49 45.89	6277	21	24 16 36.8	528	276	12.1	+ 10	- 35	8.6	F 2
10,460	27 3903	C 11880			49 46.49	5613	26	27 24 3.5	528	269	12.1	+ 12	+ 19	9.2	
10,461	30 4218	L 8552		40430	20 49 48.51	+2.4891	+0.0031	30 36 36.5	+13.531	+2.262	11.0	+ 4	+ 9	7.76	B 9
10,462	30 4219	L 8553			49 49.50	4760	31	31 10 19.2	532	261	12.1	+ 6	+ 10	8.6	
10,463	31 4254	L 8554		40434	49 50.34	4734	31	31 17 3.8	532	260	9.9	+ 31	+ 34	6.90	A 5
10,464	27 3905	C 11885	1534		49 53.63	5619	26	27 23 5.5	536	269	11.9	+ 13	+ 13	9.0	A 0
10,465	23 4175	B 7989			49 58.43	6315	20	24 6 35.8	541	277	11.7	+ 10	+ 10	9.1	
10,466	28 3920	C 11887	1538-9		20 50 9.46	+2.5231	+0.0028	29 9 27.9	+13.552	+2.265	9.5	+ 5	- 3	7.56	B 9
10,467	30 4225	L 8560	1530		50 17.20	4821	31	30 57 30.2	561	260	10.7	- 7	- 15	9.0	A
10,468	29 4227	C 11888			50 23.38	5187	28	29 22 40.9	568	265	10.5	+ 10	- 28	9.1	
10,469	27 3907	C 11890			50 26.49	5543	27	27 46 56.1	571	268	11.7	- 15	- 13	9.2	
10,470	28 3921	C 11891	1549	40451	50 29.98	5355	28	28 38 21.2	575	267	10.5	+ 1	- 10	8.0	F 0
10,471	27 3909	C 11893			20 50 33.12	+2.5458	+0.0027	28 10 47.0	+13.578	+2.267	10.9	+ 12	- 11	6.44	B 3
10,472	25 4410	C 11895	1550		50 36.31	6078	23	25 18 14.2	582	273	10.9	+ 1	+ 10	8.96	K 2
10,473	28 3923	C 11897			50 41.73	5371	28	28 35 13.7	588	266	11.3	- 45	+ 54	9.6	
10,474	27 3911	C 11898		40456-7	50 43.42	5564	27	27 42 53.6	589	268	12.0	- 7*	- 2*	5.24	K 2
10,475	25 4415	C 11903	1560-1		51 9.30	6038	21	25 32 28.5	617	273	10.1	- 4	+ 4	8.5	A 0
10,476	27 3915	C 11904	1565	40478	20 51 11.41	+2.5566	+0.0027	27 44 56.0	+13.619	+2.268	9.9	+ 87	- 79	8.0	G 5
10,477	28 3925	C 11906			51 19.39	5416	28	28 26 47.5	628	266	9.7	- 10	+ 15	9.1	
10,478	24 4276	B 7999	1569	40490	51 30.56	6182	23	24 53 14.8	640	273	9.5	- 15	- 72	8.0	F 2
10,479	29 4234	C 11908	1577		51 35.22	5205	29	29 25 4.8	645	264	10.0	+ 22	+ 4	9.1	A 2
10,480	26 4028	C 11910			51 40.59	5858	25	26 26 32.0	651	271	11.5	0	- 7	9.2	
10,481	26 4029	C 11912			20 51 43.19	+2.5787	+0.0026	26 46 34.8	+13.653	+2.270	11.0	+ 26	- 24	9.0	
10,482	30 4239	L 8575			51 52.40	4983	31	30 25 25.3	663	261	9.7	+ 11	+ 25	9.1	
10,483	26 4031	C 11915			51 57.20	5817	26	26 39 37.7	668	270	10.1	+ 1	+ 29	8.8	
10,484	31 4267	L 8576		40520	52 1.12	4659	33	31 49 30.7	672	257	10.8	- 1	- 6	7.8	A 2
10,485	25 4418	C 11917	1586-7		52 2.65	6043	24	25 36 3.2	674	272	11.4	- 11	- 10	9.0	
10,486	28 3935	C 11918		40513-5	20 52 3.93	+2.5451	+0.0028	28 21 20.2	+13.675	+2.265	10.9	+ 30	+ 22	8.0	F 5
10,487	31 4268	L 8578		40526	52 9.77	4681	33	31 45 0.2	682	258	10.5	+ 12	- 24	7.6	K 0
10,488	27 3924	C 11919	1596	40518	52 10.70	5700	26	27 13 49.3	683	268	11.4	- 1	+ 24	6.76	K 0
10,489	28 3936	C 11921		40527	52 19.45	5485	28	28 13 48.1	692	265	10.5	+ 10	+ 21	8.5	A 0
10,490	26 4033	C 11923	1600	40535	52 31.53	5722	26	27 9 31.0	705	269	10.1	+ 5	- 6	8.0	K 0
10,491	29 4240	C 11927	1603		20 52 35.24	+2.5108	+0.0031	29 56 36.2	+13.709	+2.262	10.1	- 20	+ 5	8.4	
10,492	30 4242	L 8582	1605		52 38.32	4981	32	30 30 23.6	712	260	9.4	+ 15	+ 31	9.2	
10,493	30 4244	C 11934			52 59.14	5027	31	30 20 28.6	734	260	8.6	- 18	- 15	9.2	
10,494	31 4279	L 8589			53 0.31	4819	33	31 14 41.9	735	258	9.4	- 18	+ 19	8.6	A 2
10,495	24 4282	B 8017			53 13.76	6330	22	24 19 18.2	750	273	8.8	- 7	- 22	9.0	
10,496	29 4249	C 11943			20 53 42.79	+2.5239	+0.0030	29 28 39.7	+13.781	+2.261	8.7	- 14	- 8	8.8	
10,497	25 4422	C 11941	1631	40572	53 43.90	5980	25	26 3 18.2	782	269	8.9	+ 188	+ 88	6.90	G 0
10,498	29 4251	C 11948			53 49.04	5087	32	30 10 4.4	787	260	9.7	+ 7	- 16	9.2	
10,499	28 3947	C 11949			53 50.78	5468	29	28 27 28.5	789	263	10.1	+ 18	- 7	9.2	
10,500	28 3951	C 11956	1648	40612	54 13.74	5346	30	29 2 46.2	813	262	9.4	+ 25	0	7.7	F 5

10,466, 10,480. Number of observations 6.

10,474. Number of observations 64.

10,493. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 1900.1.	Dec. 1900.1.		
10,501	28 3952	C 11958		40615	20 54 16.35	+2.5373	+0.0030	28 55 41.9	+13.816	+262	9.6	+ 31	+ 16	8.4	K 0
10,502	30 4254	L 8602		40620-1	54 18.81	4919	33	30 57 6.6	819	257	9.9	- 30	- 17	8.0	K 2
10,503	25 4425	C 11959			54 18.97	6058	25	25 44 14.2	819	270	9.7	- 30	- 54	8.6	
10,504	30 4255	L 8603			54 19.15	4906	33	31 0 26.9	819	258	9.9	- 23	- 18	9.2	
10,505	26 4045	C 11961	1653		54 24.47	5889	26	26 33 18.6	825	268	9.7	- 5	+ 9	9.0	
10,506	29 4253	C 11965	1655	40626	20 54 28.80	+2.5129	+0.0032	30 2 48.2	+13.829	+260	9.7	+ 38	+ 13	6.64	K 0
10,507	25 4426	C 11962			54 30.74	6015	25	25 57 35.3	831	268	9.9	- 20	- 10	9.8	
10,508	27 3934	C 11966			54 30.76	5600	29	27 54 53.7	831	264	10.7	+ 64	+ 28	8.6	
10,509	25 4428	C 11963			54 31.13	6022	25	25 55 36.7	832	268	10.9	+ 19	+ 21	9.0	
10,510	29 4254	C 11968	1658	40631-2	54 35.07	5291	31	29 19 48.5	836	261	10.9	+ 20	+ 18	8.1	A 0
10,511	30 4259	C 11970			20 54 40.48	+2.5081	+0.0032	30 16 32.1	+13.842	+259	12.5	+ 52	+ 16	8.4	
10,512	29 4255	C 11971			54 42.80	5184	32	29 49 23.3	844	260	12.2	- 28	- 3	8.8	
10,513	29 4256	C 11972			54 43.31	5133	32	30 3 1.6	845	260	11.1	+ 10	- 13	8.6	
10,514	31 4292	L 8612		40654	54 59.66	4856	34	31 17 52.4	862	256	10.2	+ 14	+ 37	7.17	B 9
10,515	24 4291	C 11976			55 9.40	6211	25	25 4 19.3	872	270	11.3	- 15	- 5	9.2	
10,516	30 4262	L 8614	1671		20 55 10.75	+2.4900	+0.0034	31 7 36.5	+13.874	+256	10.5	+ 25	- 22	7.9	
10,517	25 4430	C 11979			55 12.93	6172	25	25 16 8.9	876	270	11.1	+ 2	- 12	9.1	
10,518	31 4297	L 8616			55 18.24	4726	35	31 53 19.8	881	254	10.3	- 30	- 39	8.1	F 8
10,519	31 4296	L 8617			55 19.79	4844	34	31 23 12.8	883	256	10.7	+ 23	+ 75	9.2	
10,520	24 4295	B 8037			55 26.97	6317	23	24 34 56.7	890	271	10.6	- 3	+ 27	9.2	
10,521	31 4298	L 8621			20 55 31.14	+2.4811	+0.0035	31 32 57.3	+13.895	+254	9.9	+ 10	- 20	8.7	
10,522	30 4267	L 8627			55 52.85	4964	34	30 55 13.8	918	256	8.7	+ 11	+ 27	9.1	
10,523	28 3960	C 11990			56 8.10	5415	31	28 55 44.1	934	260	8.9	+ 1	- 50	9.0	
10,524	25 4433	C 11993			56 33.46	6009	26	26 11 4.3	960	266	9.2	- 43	+ 54	9.2	
10,525	28 3962	C 11997			56 40.45	5538	30	28 25 7.7	967	260	9.7	- 25	- 1	9.2	
10,526	28 3963	C 11998			20 56 40.55	+2.5458	+0.0031	28 47 13.9	+13.968	+259	8.9	+ 12	- 8	8.6	
10,527	30 4276	L 8634			56 41.63	5069	34	30 32 35.7	969	256	9.3	+ 43	+ 16	8.6	
10,528	26 4048	C 11999	1702		56 45.16	5889	28	26 46 46.1	972	264	9.6	+ 22	+ 3	9.0	
10,529	28 3964	C 12000			56 46.60	5396	29	29 4 53.0	974	259	9.7	- 4	- 10	9.1	
10,530	29 4272	C 12001	1703-5		56 46.85	5324	30	29 24 28.7	974	259	9.6	+ 8	+ 27	8.6	
10,531	24 4299	B 8045	1706	40722	20 56 56.34	+2.6359	+0.0023	24 30 44.1	+13.984	+269	9.1	- 8	- 1	8.6	
10,532	31 4309	L 8638		40738	57 3.10	4785	36	31 49 24.7	991	253	9.5	+ 16	+ 8	8.0	F 5
10,533	29 4277	C 12005			57 18.61	5325	31	29 27 33.9	14.007	258	8.7	+ 28	- 7	8.5	
10,534	26 4050	C 12011			57 35.42	5989	28	26 22 41.5	025	264	9.4	+ 3	+ 6	8.4	A 2
10,535	30 4285	L 8643	1725		57 38.34	4979	35	31 2 30.7	028	255	9.5	+ 14	- 5	8.7	
10,536	27 3946	C 12013		40758-60	20 57 50.05	+2.5707	+0.0030	27 44 54.1	+14.040	+262	9.3	- 1	- 55	7.6	F 8
10,537	26 4051	C 12015	1728		57 53.30	5889	29	26 53 30.7	043	263	9.7	+ 51	+ 31	9.0	
10,538	29 4282	C 12017		40763	57 54.89	5379	33	29 16 34.6	045	258	9.5	+ 18	- 9	7.8	B 8
10,539	29 4283	C 12021			57 59.71	5179	34	30 11 33.6	050	256	10.1	+ 26	+ 5	8.6	
10,540	25 4438	C 12018			57 59.99	6059	27	26 4 55.6	050	265	11.1	+ 21	+ 5	9.2	
10,541	26 4052	C 12020			20 58 2.04	+2.5966	+0.0028	26 31 59.6	+14.053	+264	11.3	+ 26	+ 12	9.1	
10,542	26 4053	C 12022	1734		58 2.88	5916	29	26 46 32.0	053	263	11.3	+ 16	+ 5	9.0	
10,543	26 4054	C 12024			58 12.54	5859	29	27 3 50.2	063	263	11.7	+ 21	- 19	9.2	
10,544	31 4316	L 8650		40776	58 13.45	4803	36	31 52 45.9	064	251	11.0	+ 7	- 23	8.8	A 0
10,545	30 4289	L 8649			58 13.54	5113	35	30 30 40.1	064	255	11.7	- 33	- 57	9.2	
10,546	25 4440	C 12025			20 58 16.56	+2.6177	+0.0026	25 32 0.3	+14.068	+266	11.1	+ 38	0	9.2	
10,547	29 4284	C 12029	1748	40783	58 27.75	5196	34	30 9 59.9	079	256	10.4	+ 21	+ 24	7.81	A 2
10,548	27 3951	C 12028		40778	58 29.25	5691	31	27 53 23.9	081	261	10.9	+ 18	+ 7	9.0	
10,549	27 3952	C 12031	1749	40781-2	58 33.10	5785	30	27 27 7.8	085	262	10.1	+ 57	+ 3	7.16	G 0
10,550	25 4442	C 12032	1753	40785	58 39.48	6130	27	25 48 6.8	091	265	10.5	- 11	+ 22	8.0	G 5

10,512, 10,542. Number of observations 6.

10,544. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
10,551	25 4443	C 12035	1756	40788	20 58 46.57	+2.6060	+0.0027	26 9 10.2	+14.099	+264	9.8	- 2	+ 13	7.42	K 5
10,552	30 4293	C 12037	1761		58 47.86	5167	34	30 19 49.4	100	254	9.8	+ 15	+ 9	8.0	
10,553	26 4060	C 12039			58 52.28	5985	28	26 31 29.6	105	263	11.2	+ 12	- 18	9.2	
10,554	30 4294	L 8659			58 58.77	4997	35	31 6 30.1	111	254	10.4	- 17	- 2	8.6	A 0
10,555	27 3953	C 12041	1764	40798-9	58 59.29	5685	31	27 58 2.2	112	261	10.4	+ 5	+ 15	7.7	A 2
10,556	28 3970	C 12042	1765		20 59 5.75	+2.5546	+0.0033	28 37 45.5	+14.119	+258	10.3	- 13	+ 18	8.2	K 0
10,557	29 4286	C 12043	1768		59 10.57	5332	34	29 37 25.4	124	256	11.0	- 37	+ 23	8.5	
10,558	29 4285	C 12045			59 10.92	5308	34	29 43 2.2	124	256	11.3	+ 14	- 64	9.0	
10,559	31 4320	L 8661	1773	40811	59 11.70	4801	37	31 59 37.9	125	250	11.4	+ 11	- 18	7.17	K 2
10,560	23 4222	B 8063		40800	59 11.84	6484	24	24 5 45.6	125	268	12.6	- 1	- 5	7.74	Ma
10,561	25 4444	C 12044	1766-7	40801	20 59 13.72	+2.6190	+0.0027	25 33 49.7	+14.127	+265	11.9	+ 18	+ 19	8.0	A 2
10,562	24 4307	C 12046			59 16.59	6268	26	25 10 55.3	130	266	11.7	+ 7	- 1	8.7	
10,563	28 3972	C 12049			59 24.99	5595	32	28 26 3.4	138	258	10.9	+ 10	+ 17	9.0	
10,564	26 4062	C 12050			59 26.74	5904	30	26 58 32.4	140	262	11.7	- 25	- 32	7.23	K 5
10,565	31 4321	L 8664	1778	40817	59 27.90	4888	37	31 38 31.7	142	251	12.2	+ 3	- 15	8.2	K 0
10,566	28 3974	C 12059	1780-1	40821	20 59 39.62	+2.5536	+0.0033	28 44 10.4	+14.154	+258	12.1	+ 15	- 14	6.97	K 0
10,567	29 4292	C 12060			59 40.99	5233	35	30 7 59.0	155	254	11.5	+ 23	- 22	8.8	
10,568	26 4064	C 12062			59 46.89	6016	29	26 28 2.3	161	262	12.0	- 3	+ 32	8.6	
10,569	25 4448	C 12064	1783		59 49.64	6213	27	25 30 20.5	164	264	11.1	- 15	+ 26	8.6	
10,570	30 4299	L 8669	1794	40834	59 53.64	5111	36	30 42 19.7	168	253	11.2	+ 39	+ 10	7.81	K 2
10,571	30 4302	L 8674	1797		21 0 0.67	+2.5020	+0.0036	31 7 16.7	+14.175	+252	12.1	+ 38	+ 8	9.1	
10,572	23 4228	B 8073			0 4.60	6512	24	24 2 12.2	179	267	12.1	- 6	- 19	9.1	
10,573	25 4450	C 12069		40839	0 9.41	6119	28	25 59 54.5	184	263	12.2	+ 3	- 22	8.2	K 2
10,574	29 4296	C 12073			0 15.38	5347	34	29 40 16.3	190	255	11.9	- 38	- 22	9.8	
10,575	25 4452	C 12074			0 19.44	6203	27	25 36 4.4	195	264	12.3	+ 10	- 4	9.2	
10,576		C 12076			21 0 24.46	+2.5884	+0.0030	27 10 17.4	+14.200	+261	13.8			9.2	
10,577	24 4312	B 8076	1802		0 24.75	6449	25	24 23 19.1	200	266	11.7	- 13	- 20	8.8	F 8
10,578	30 4304	L 8680			0 30.67	5116	36	30 44 51.0	206	252	11.9, 13.5	+ 5	+ 20	9.2	
10,579	31 4324	L 8681	1809		0 35.53	4912	37	31 39 57.0	211	250	10.7	- 34	- 55	8.5	K 0
10,580	31 4325	L 8682	1810-18	40864	0 36.92	4992	36	31 18 47.8	213	250	11.1	+ 27	- 18	8.1	A 5
10,581	27 3959	C 12082	1808	40862	21 0 42.34	+2.5727	+0.0032	27 56 53.7	+14.218	+258	10.3	+ 7	+ 10	8.8	A 2
10,582	30 4306	L 8685			0 51.83	5101	36	30 51 9.3	228	251	9.7	- 17	- 4	9.2	
10,583	30 4307	L 8687			0 53.21	5167	36	30 33 32.9	229	252	9.3	- 5	+ 4	8.4	
10,584	27 3963	C 12090			1 8.50	5688	32	28 10 48.3	245	257	11.7	- 7	- 16	9.2	
10,585	31 4329	L 8692			1 16.19	4979	37	31 26 43.7	253	250	11.9	+ 17	- 16	9.2	
10,586	26 4066	C 12091		40882	21 1 16.41	+2.6061	+0.0029	26 23 47.5	+14.253	+261	9.3	+ 9	- 3	8.0	A 2
10,587	24 4317	B 8082	1822		1 17.37	6493	25	24 14 50.2	254	266	12.1	- 6	- 14	9.1	
10,588	24 4319	B 8083		40881	1 17.88	6393	26	24 45 5.3	255	265	9.5	- 5	- 44	8.2	K 2
10,589	26 4067	C 12092			1 18.40	6082	29	26 17 41.7	255	261	13.0	+ 16	+ 13	9.2	
10,590	24 4320	C 12094			1 22.87	6331	27	25 4 9.1	260	264	12.1	- 5	- 17	9.0	
10,591	28 3982	C 12095			21 1 23.36	+2.5673	+0.0032	28 16 19.5	+14.260	+257	11.5	- 18	+ 8	9.2	
10,592	26 4070	C 12099			1 29.71	5959	30	26 54 53.7	267	261	11.9	- 138	- 146	8.6	K 0
10,593	23 4235	B 8087	1827		1 33.20	6506	25	24 12 16.4	270	266	10.3	+ 10	- 3	8.4	F 8
10,594	28 3984	C 12103	1834-5	40900-1	1 39.54	5581	34	28 44 11.5	277	256	11.9	- 4	- 7	8.0	K 2
10,595	28 3985	C 12106		40906	1 45.25	5656	33	28 23 42.0	283	257	11.9	+ 9	+ 14	8.2	K 0
10,596	29 4304	C 12108			21 1 47.27	+2.5456	+0.0035	29 20 4.3	+14.285	+254	11.5	+ 25	- 13	9.0	
10,597	24 4322	B 8090			1 50.63	6412	26	24 42 39.6	288	264	11.9	+ 11	+ 14	9.0	
10,598	24 4323	B 8091			1 51.91	6382	27	24 51 34.7	290	263	11.9	- 1	+ 11	9.0	
10,599	30 4313	L 8702	1849		1 57.31	5050	37	31 12 20.4	295	249	12.2	- 5	0	8.5	
10,600	30 4314	C 12112			1 57.71	5221	36	30 25 57.0	295	251	11.4	+ 4	+ 7	8.6	

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
10,601	23 4236	B 8092	1843	40913	h m s 21 1 59.68	s +2.6527	s +0.0025	" ' " 24 8 21.1	" +14.297	" +0.265	11.9	- 1	- 29	7.9	F 0
10,602	29 4307	C 12114			2 0.77	5348	36	29 51 26.4	299	253	11.3	+ 10	- 31	8.4	
10,603	23 4237	B 8093			2 3.95	6521	25	24 10 39.8	302	265	12.1	- 3	+ 7	9.1	
10,604	29 4308	C 12116			2 12.71	5300	36	30 6 3.7	311	252	11.3	+ 16	+ 34	9.3	
10,605	30 4316	L 8707	1853		2 15.31	5151	37	30 46 58.4	313	251	11.1	+ 5	+ 1	8.7	
10,606	27 3970	C 12120		40934	21 2 26.98	+2.5743	+0.0033	28 3 8.2	+14.325	+0.257	11.7	+ 25	+ 7	8.7	A 0
10,607	26 4073	C 12121	1856	40930	2 28.54	6052	30	26 33 49.1	327	260	9.7	+ 33	- 7	6.23	K 2
10,608	25 4463	C 12122	1859-61		2 32.62	6307	28	25 18 26.4	331	261	11.0	- 2	- 6	8.31	K 5
10,609	29 4313	C 12128			2 35.49	5351	36	29 54 37.1	334	252	10.3	+ 5	- 7	8.8	
10,610	30 4318	L 8712	1866	40951	2 43.62	5154	37	30 49 23.7	342	250	9.1	- 8*	+ 3*	5.86	F 5
10,611	25 4465	C 12130	1864		21 2 47.73	+2.6133	+0.0029	26 11 46.8	+14.346	+0.260	9.8	- 10	- 18	8.1	K 2
10,612	29 4314	C 12132			2 48.74	5418	35	29 37 26.6	347	253	10.8	- 15	+ 29	9.3	
10,613	29 4315	C 12135			3 1.98	5323	37	30 5 9.2	361	252	10.3	+ 19	- 7	8.8	
10,614	23 4244	B 8100	1872		3 3.79	6536	27	24 11 40.0	363	264	10.2	- 3	- 7	9.4	
10,615	28 3988	C 12136			3 4.53	5533	35	29 7 20.5	364	253	11.0	- 3	+ 2	9.1	
10,616	30 4322	C 12147	1881	40979	21 3 20.50	+2.5299	+0.0037	30 14 1.7	+14.380	+0.251	9.3	+ 13	- 5	7.51	B 8
10,617	30 4323	L 8721			3 22.59	5238	38	30 30 51.6	382	250	10.9	- 10	+ 44	9.3	
10,618	23 4249	B 8103	1880		3 30.12	6560	25	24 6 44.8	390	264	11.5	+ 6	+ 8	8.8	A 2
10,619	30 4325	L 8722	1		3 33.67	5096	38	31 10 54.7	393	248	10.8	+ 24	+ 27	8.7	
10,620	30 4327	C 12154	+		3 40.09	5292	37	30 18 4.1	400	250	11.7	+ 5	+ 20	9.3	
10,621	28 3992	C 12153			21 3 40.34	+2.5578	+0.0035	28 58 7.8	+14.400	+0.253	11.7	0	+ 3	9.3	
10,622	30 4328	L 8727			3 43.09	5210	38	30 40 57.0	403	250	11.5	+ 13	+ 21	9.3	
10,623	27 3982	C 12157			3 43.74	5930	32	27 17 23.4	403	256	10.5	+ 63	- 7	9.0	
10,624	29 4320	C 12158	11		3 52.29	5360	37	30 0 30.9	412	250	10.2	- 40	- 76	9.0	
10,625	31 4344	L 8729	16		4 6.56	4984	39	31 44 48.3	426	247	9.6	- 3	+ 20	8.4	
10,626	29 4322	C 12164			21 4 6.57	+2.5399	+0.0037	29 51 19.2	+14.426	+0.251	9.9	+ 9	+ 28	9.1	
10,627	30 4332	C 12166	18	41011-2	4 19.12	5136	38	31 5 1.1	439	249	11.4			9.3	
10,628	28 3996	C 12166			4 19.87	5743	34	28 15 29.8	440	254	8.9	+ 41	+ 25	8.6	K 0
10,629	30 4333	L 8732			4 21.02	5143	38	31 3 28.1	441	249	10.8	+ 5	+ 14	9.7	
10,630	31 4345	L 8734	25		4 25.74	4989	40	31 45 37.9	446	247	10.3	+ 11	+ 13	8.7	A 0
10,631	31 4347	L 8737			21 4 39.51	+2.5071	+0.0039	31 25 10.4	+14.460	+0.247	8.9	+ 19	+ 15	9.3	
10,632	26 4079	C 12171	27		4 43.65	6024	31	26 56 7.5	464	256	9.1	+ 6	+ 26	9.1	
10,633	29 4324	C 12174	28	41026	4 49.58	5419	38	29 50 32.4	470	250	10.6	+ 17*	- 8*	5.57	A 0
10,634		C 12174			4 49.77	5419	38	29 50 29.5	470	250	8.5	+ 17*	- 8*		
10,635		C 12176			4 53.73	5524	37	29 21 23.4	474	251	8.9	+ 4	+ 25			8.5
10,636	26 4087	C 12180	33-4	41033	21 5 8.00	+2.6095	+0.0032	26 37 23.0	+14.489	+0.257	8.7	+ 6	+ 62	7.8	F 8
10,637	24 4333	C 12179			5 8.44	6384	28	25 10 18.5	489	260	9.1	- 2	- 33	9.3	
10,638	28 4003	C 12184			5 16.07	5609	35	28 59 55.8	497	252	9.4	+ 6	+ 16	9.1	
10,639	29 4329	C 12185	40	41053	5 21.10	5396	38	30 0 39.1	502	250	9.0	+ 81	+ 25	8.0	G 0
10,640	29 4330	C 12187			5 30.36	5378	38	30 6 30.6	511	250	10.0	+ 24	+ 7	8.8	
10,641	30 4336	L 8743			21 5 31.39	+2.5154	+0.0039	31 8 40.9	+14.512	+0.248	8.7	+ 78	- 20	8.4	
10,642	27 3986	C 12188			5 35.80	5831	34	27 58 16.1	517	253	10.1	+ 4	+ 3	9.1	
10,643	28 4005	C 12189	48-9	41060-2	5 36.03	5692	35	28 38 12.9	517	252	9.9	+ 6	- 12	8.6	F 5
10,644	25 4473	C 12192	47		5 39.51	6198	31	26 9 59.5	520	257	9.7	+ 19	+ 6	9.1	
10,645	24 4336	B 8119	44-5	41057	5 39.82	6542	26	24 25 0.9	521	260	9.3	- 11	- 6	8.1	A 5
10,646	25 4475	C 12196	54	41082	21 6 1.85	+2.6253	+0.0031	25 55 40.5	+14.543	+0.257	10.1	+ 22	- 10	8.6	F 2
10,647	26 4091	C 12199	55-6	41084	6 3.65	6190	31	26 14 52.6	544	257	9.7	- 35	+ 37	8.0	K 2
10,648	28 4008	C 12200	61		6 7.45	5707	36	28 37 41.1	548	252	9.3	- 7	+ 2	9.3	
10,649	28 4009	C 12203			6 14.47	5614	36	29 5 1.0	555	251	10.2	0	+ 21	9.0	
10,650	28 4010	C 12204			6 16.65	5713	36	28 36 59.6	558	252	11.9	+ 8	- 27	9.4	

10,601, 10,608, 10,625. Number of observations 6
10,633. Number of observations 1.

10,627. Number of observations 3.
10,633-4. These stars form the pair Σ 2762, magnitude 8.1 and 6.1.

10,629. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
10,651	31 4358	L 8749	69	41103	21 6 16.67	+2.5020	+0.0041	31 50 20.8	+14.558	+244	9.1	+ 22	- 1	7.42	K 0
10,652	26 4092	C 12205	68		6 21.42	6059	32	26 55 58.8	562	255	9.5	- 31	+ 7	7.8	K 0
10,653	30 4340	L 8758			6 40.93	5269	40	30 45 2.1	582	247	10.7	- 51	- 48	9.3	
10,654	31 4364	L 8759	76		6 41.61	5019	41	31 53 26.5	583	244	11.1	+ 11	+ 9	9.3	
10,655	29 4337	C 12216	79		6 48.30	5578	37	29 19 10.3	589	250	10.9	+ 13	- 3	9.0	
10,656	25 4477	C 12219	80		21 7 2.30	+2.6289	+0.0031	25 50 59.6	+14.603	+256	11.0	- 12	+ 2	9.0	A 0
10,657	29 4340	C 12221	83		7 4.28	5396	39	30 12 11.9	605	248	10.5	+ 18	+ 18	8.66	A
10,658	29 4339	C 12223	82		7 5.04	5548	38	29 29 22.8	606	249	11.9	+ 19	+ 27	9.1	
10,659	27 3994	C 12222			7 6.08	5866	35	27 57 50.2	607	252	11.1	+ 21	+ 15	8.8	
10,660	27 3995	C 12224			7 6.79	5849	36	28 2 46.3	608	252	12.1	+ 11	+ 25	8.8	
10,661	30 4341	L 8765			21 7 9.96	+2.5236	+0.0040	30 57 38.7	+14.611	+246	11.5	+ 37	+ 14	9.3	
10,662	28 4016	C 12225	85		7 13.57	5640	37	29 4 13.1	614	250	11.7	+ 43	+ 45	9.0	
10,663	30 4342	L 8770			7 27.65	5337	41	30 31 46.4	629	247	11.0	- 25	- 32	9.3	
10,664	26 4097	C 12226	95	41141-2	7 31.76	6034	33	27 11 6.5	633	253	9.7	+ 29	+ 13	7.56	A 0
10,665	25 4478	C 12228	100		7 36.63	6279	31	25 57 53.9	638	255	10.5	+ 1	+ 7	8.6	G 5
10,666	28 4019	C 12231	107		21 7 50.98	+2.5739	+0.0037	28 39 43.8	+14.652	+250	11.1	+ 41	+ 42	9.1	
10,667	24 4347	C 12234			7 57.29	6469	29	25 1 37.7	658	257	11.6	+ 11	- 41	8.8	A 2
10,668	30 4349	L 8777			7 57.87	5335	41	30 35 47.4	659	246	11.5	+ 33	- 19	9.3	
10,669	29 4342	C 12237	109-10-11	41162	7 57.95	5600	38	29 20 33.7	659	248	9.5	+ 8	+ 9	6.77	B 9
10,670	25 4481	C 12238	108		8 2.15	6294	31	25 55 50.0	663	255	11.1	+ 2	+ 1	9.0	F 8
10,671	29 4343	C 12240			21 8 5.73	+2.5543	+0.0038	29 37 48.4	+14.666	+248	10.9	- 18	- 23	9.3	
10,672	30 4351	C 12242	116	41165	8 7.55	5413	40	30 14 56.6	668	247	9.1	+ 49	+ 25	6.75	G 5
10,673	26 4100	C 12243	118		8 21.77	6061	33	27 8 32.2	682	253	9.6	- 16	- 9	8.1	K 0
10,674	25 4484	C 12244	121-2		8 32.84	6302	31	25 56 32.8	693	254	10.3	- 27	+ 25	8.2	A 2
10,675	30 4352	L 8783	131		8 34.08	5365	40	30 31 35.5	694	245	10.7	- 16	- 8	8.2	
10,676	28 4023	C 12247	128-30		21 8 36.50	+2.5773	+0.0037	28 35 1.0	+14.697	+249	11.0	- 14	- 10	8.0	K 5
10,677	28 4021	C 12246	126		8 36.57	5793	36	28 29 26.6	697	249	11.9	+ 25	+ 2	9.1	
10,678	27 4003	C 12248			8 37.66	5898	35	27 58 27.0	698	253	11.3	- 23	- 18	8.5	F 8
10,679	31 4377	L 8785	134		8 44.81	5124	42	31 39 36.6	705	243	11.4	+ 6	+ 11	8.2	B 9
10,680	29 4344	C 12249			8 45.44	5452	39	30 8 33.5	706	246	12.4	- 2	+ 3	9.1	
10,681	24 4351	B 8131	133	41194	21 8 54.20	+2.6526	+0.0029	24 49 39.0	+14.714	+256	11.3	+ 13	- 6	8.0	F 8
10,682	29 4347	C 12251			8 58.48	5443	39	30 12 31.0	719	246	11.3	- 17	- 27	8.2	
10,683	27 4006	C 12252	139		9 4.80	5863	37	28 11 53.5	725	250	10.8	0	- 7	8.1	K 5
10,684	27 4007	C 12253		41211	9 5.51	5948	36	27 47 6.0	726	250	12.1	- 20	- 23	8.1	K 5
10,685	29 4348	C 12254	145	41215-6-7-9	9 6.31	5520	39	29 51 26.5	726	246	11.6	- 2*	- 59*	3.40	K 0
10,686	30 4356	L 8790	147		21 9 8.98	+2.5399	+0.0041	30 26 9.2	+14.729	+245	10.9	- 17	+ 105	7.31	G 0
10,687	29 4349	C 12258			9 18.74	5569	39	29 38 54.0	739	247	13.5	+ 25	- 39	7.9	
10,688	28 4024	C 12259	150		9 19.63	5855	37	28 16 6.0	740	250	11.5	- 53	+ 9	9.0	
10,689	25 4485	C 12260	151		9 25.06	6317	32	25 57 32.1	745	254	11.2	- 9	+ 17	9.0	G 5
10,690	29 4350	C 12262			9 27.22	5645	39	29 17 53.5	747	247	12.1			9.3	
10,691	25 4488	C 12265	159	41237-8	21 9 38.17	+2.6454	+0.0031	25 16 34.8	+14.758	+255	11.5	+ 12	+ 14	8.51	K 2
10,692	30 4360	L 8796	166		9 49.11	5387	41	30 34 20.3	769	244	11.0	- 23	+ 16	9.1	
10,693	28 4027	C 12266			9 54.55	5731	38	28 56 16.9	774	247	11.6	- 3	- 11	8.6	K 5
10,694	23 4269	B 8137			9 56.08	6672	28	24 10 7.5	776	257	11.1	- 18	- 10	8.6	F 0
10,695	26 4107	C 12267			10 1.38	6169	34	26 46 40.4	781	251	11.7	+ 26	+ 56	9.1	F 8
10,696	30 4362	L 8801			21 10 8.47	+2.5265	+0.0042	31 11 0.2	+14.788	+243	12.1	+ 5	- 14	9.3	
10,697	25 4490	C 12271	172	41265	10 14.23	6348	32	25 53 15.8	793	253	11.7	+ 15	- 3	7.87	F 0
10,698	29 4354	C 12272		41269	10 19.48	5619	39	29 31 41.9	799	246	11.7	+ 26	+ 13	6.25	K 0
10,699	31 4384	L 8802	177	41270	10 20.22	5177	43	31 36 37.4	799	244	12.1	- 8	- 7	8.4	
10,700	30 4365	L 8803	176		10 21.05	5397	41	30 35 19.7	800	244	11.9	+ 22	+ 8	7.56	A 0

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. ".001.		
10,701	28 4030	C 12274			h m s	s	s	o ' "	"	"					
10,702	30 4366	C 12275			21 10 30.21	+2.5689	+0.0038	29 12 41.4	+14.809	+247	12.3	- 6	- 9	9.0	
10,703	28 4031	C 12276			10 31.34	5469	41	30 16 6.8	810	245	12.1	+ 94	+ 44	8.2	
10,704	29 4356	C 12278			10 33.70	5793	38	28 42 46.9	813	248	13.2	+ 47	- 40	9.0	
10,705	27 4014	C 12281	179	41277-8	10 33.79	5580	39	29 44 37.9	813	245	12.4	+ 8	- 7	8.4	
10,706	30 4368	L 8813			10 40.01	5984	37	27 46 52.8	819	249	11.3	+ 26	+ 16	8.5	K o
10,707	27 4017	C 12284			21 10 50.42	+2.5353	+0.0042	30 51 10.7	+14.829	+242	10.5	+ 2	- 1	9.3	
10,708	27 4018	C 12286			11 7.64	6040	37	27 33 3.6	846	249	10.9			9.4	
10,709	28 4032	C 12291			11 14.17	6000	38	27 45 51.8	852	248	11.5	+ 1	- 20	9.7	
10,710	25 4493	C 12290	201-2	41308	11 21.74	5729	39	29 7 8.6	860	246	10.5	- 10	+ 8	8.6	A o
10,711	27 4021	C 12292	205		11 24.19	6453	32	25 28 12.2	862	253	11.1	+ 8	+ 16	8.4	K 5
10,712	27 4023	C 12296	210	41324-5	21 11 27.47	+2.6004	+0.0038	27 46 17.6	+14.865	+248	11.5	+ 23	- 59	9.1	
10,713	24 4357	C 12298	212-3	41326	11 42.18	6036	37	27 38 7.5	880	249	9.9	- 10	- 42	8.1	K 2
10,714	31 4393	L 8820	220-1	41339	11 58.56	6543	31	25 3 34.7	896	253	9.5	- 52	- 22	7.06	G 5
10,715	30 4373	L 8824			12 1.43	5209	44	31 40 14.5	899	240	9.9	+ 7	- 48	7.99	A 3
10,716	25 4498	C 12301	228	41340	12 11.00	5414	42	30 43 46.5	908	242	9.9	- 15	- 30	9.0	
10,717	30 4376	L 8825			21 12 19.34	+2.6375	+0.0033	25 58 28.5	+14.916	+251	9.4	+ 9	+ 20	7.26	F 2
10,718	30 4379	L 8828	231		12 22.85	5380	43	30 54 57.9	919	241	9.7	- 15	+ 7	9.1	
10,719	25 4500	C 12307			12 30.59	5369	43	30 58 55.0	927	240	8.9	- 17	0	8.0	A 2
10,720	26 4118	C 12310	243		12 49.55	6358	34	26 7 6.6	945	250	8.5	+ 22	+ 45	8.8	
10,721	29 4365	C 12314			12 57.49	6213	36	26 52 50.2	953	248	8.7	+ 1	+ 40	8.5	K 2
10,722	24 4361	C 12313			21 13 5.61	+2.5620	+0.0042	29 51 8.5	+14.961	+242	9.7	+ 4	+ 9	9.0	
10,723	30 4386	C 12325			13 5.99	6540	32	25 11 49.7	961	252	10.1	+ 27	- 37	9.3	
10,724	31 4401	L 8833			13 22.69	5531	43	30 18 59.7	977	241	9.7	+ 40	+ 4	8.41	A o
10,725	31 4402	L 8835		41388	13 23.83	5221	46	31 47 20.1	979	238	10.1	- 9	+ 1	8.8	
10,726	31 4403	L 8836			13 33.37	5282	45	31 31 20.3	988	237	9.5	+ 24	+ 1	7.8	G o
10,727	29 4366	C 12328	260-1		21 13 33.79	+2.5252	+0.0045	31 39 51.6	+14.988	+239	10.0	+ 42	+ 7	9.0	
10,728	31 4405	L 8838			13 34.18	5251	45	31 40 2.8	989	239	8.6				
10,729	28 4044	C 12332			13 38.12	5751	41	29 16 45.5	992	242	10.3	- 9	- 21	9.0	
10,730	30 4389	L 8841			13 41.95	5271	45	31 35 27.8	996	238	11.3	+ 2	- 9	9.3	
10,731	29 4372	C 12337	276		13 43.59	5836	40	28 52 16.3	998	243	10.5	+ 6	+ 10	9.0	
10,732	30 4393	C 12339	278	41411	21 13 45.06	+2.5444	+0.0044	30 46 38.0	+14.999	+239	10.2	+ 9	+ 23	8.0	A o
10,733	28 4047	C 12341			14 9.44	5627	43	29 56 45.0	15.022	241	10.2	+ 20	+ 9	8.11	B 5
10,734	24 4368	B 8165			14 10.20	5525	44	30 26 38.6	023	240	10.7	- 36	- 14	8.11	A o
10,735	29 4374	C 12343	283	41416	14 14.54	5813	41	29 2 44.2	028	243	11.5	- 17	+ 13	8.8	
10,736	31 4408	L 8849	287		14 19.53	6654	31	24 43 36.1	032	251	11.7	+ 80	- 12	8.4	G 5
10,737	29 4376	C 12348			21 14 20.43	+2.5577	+0.0043	30 12 39.1	+15.033	+241	11.1	- 1	+ 10	7.96	A o
10,738	24 4370	B 8171	285-6	41420	14 32.57	5258	46	31 45 30.9	045	237	11.8	- 23	- 26	9.3	A o
10,739	28 4051	C 12351			14 33.50	5773	42	29 16 54.8	046	241	11.9	+ 28	+ 6	8.7	
10,740	25 4507	C 12352	291	41435	14 38.68	6743	31	24 16 50.8	051	251	10.6	- 11	- 9	6.80	K o
10,741	25 4508	C 12354			14 55.31	5801	41	29 11 7.4	067	242	11.5	+ 5	+ 11	9.0	
10,742	24 4375	B 8175			21 14 59.07	+2.6455	+0.0034	25 51 2.7	+15.070	+247	10.9	+ 121	+ 16	8.5	G 5
10,743	29 4378	C 12358	292-3	41440	15 1.79	6483	34	25 42 40.2	073	248	10.5	- 9	- 2	8.2	F 2
10,744	31 4416	L 8855	300	41450	15 4.23	6599	33	25 6 2.4	075	249	11.1	- 1	+ 14	8.81	A o
10,745	24 4375	B 8175			15 9.65	5771	42	29 21 48.6	081	241	10.3	+ 12	- 4	7.12	B 9
10,746	29 4380	C 12363	306		15 10.48	5266	47	31 48 4.6	081	236	11.3	+ 19	- 20	7.33	K 2
10,747	30 4396	L 8861			21 15 25.45	+2.6682	+0.0032	24 41 37.8	+15.096	+250	11.2	+ 30	+ 31	9.3	
10,748	29 4382	C 12369			15 29.45	5791	43	29 18 48.0	100	241	11.9	+ 52	+ 59	9.3	
10,749	27 4042	C 12371		41472	15 42.26	5536	45	30 34 59.4	112	238	12.3	- 6	+ 39	9.3	
10,750					15 43.66	5615	44	30 12 12.6	113	239	12.5	- 14	+ 5	9.3	
					15 49.37	6171	38	27 25 33.2	119	244	11.3	+ 37	- 30	8.6	

10,703, 10,731, 10,732, 10,736. Number of observations 6. 10,719, 10,720. Number of observations 4. 10,726-7. Burnham 10,873. 10,727. Number of observations 2.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
10,751	29 4383	C 12373	316		h m s 21 15 51.48	+2.5728	+0.0043	29 39 58.8	+15.121	+240	10.3	+ 24	- 5	8.2	F 5
10,752	26 4130	C 12372		41473	15 52.08	6231	38	27 7 24.0	121	245	11.7	+ 108	+ 17	8.1	G 5
10,753	30 4398	L 8864			15 55.91	5499	46	30 47 18.9	125	237	11.1	- 17	- 4	9.0	
10,754	26 4131	C 12374			16 0.56	6363	37	26 27 18.6	129	246	11.3	- 3	- 1	9.3	
10,755	28 4057	C 12379			16 20.96	5911	42	28 48 43.1	149	241	9.2	- 8	- 25	8.6	
10,756	24 4379	B 8185	330-1		21 16 38.48	+2.6720	+0.0032	24 37 13.7	+15.166	+248	10.1	0	- 5	8.4	K 0
10,757	31 4421	L 8870			16 39.33	5329	47	31 41 39.5	166	235	10.9	- 12	- 18	9.3	
10,758	25 4513	C 12381	332	41503	16 39.65	6488	36	25 52 8.4	167	245	11.1	- 10	- 26	7.7	K 5
10,759	27 4044	C 12382	333	41505	16 40.17	6208	39	27 20 9.1	167	244	10.9	- 10	+ 17	8.2	F 8
10,760	28 4058	C 12383	335	41506	16 41.60	5991	41	28 27 3.8	169	241	11.7	- 9	+ 23	7.6	F 8
10,761	29 4386	C 12385	338	41511	21 16 44.80	+2.5733	+0.0043	29 44 57.9	+15.172	+239	11.1	0	+ 13	8.7	
10,762	26 4133	C 12388			16 58.73	6290	38	26 56 42.7	185	244	11.1	+ 36	+ 14	9.3	
10,763	29 4391	C 12398	354	41537	17 19.33	5718	45	29 53 28.6	205	238	9.7	+ 10	- 46	8.5	
10,764	28 4063	C 12400			17 31.29	5946	42	28 46 45.6	216	239	11.7	+ 40	+ 8	9.3	
10,765	27 4049	C 12402	358	41552	17 39.81	6067	42	28 10 59.3	224	241	11.4	- 38	- 52	8.2	K 2
10,766	30 4408	L 8877			21 17 48.15	+2.5496	+0.0047	31 2 36.4	+15.232	+235	12.7	+ 10	+ 60	9.3	
10,767	24 4384	B 8193	362-3	41553	17 50.77	6805	33	24 17 20.3	234	247	11.7	+ 28	- 18	7.8	A 2
10,768	25 4519	C 12406	367		17 55.12	6596	35	25 25 53.6	239	245	11.9	0	+ 2	8.0	A 3
10,769	30 4410	C 12407	372		17 56.23	5631	46	30 24 4.3	240	236	10.8	- 22	+ 4	8.5	
10,770	24 4385	B 8196	374		18 11.73	6751	33	24 37 14.7	254	247	11.9	- 93	+ 61	9.3	
10,771	25 4521	C 12411	377		21 18 12.84	+2.6473	+0.0037	26 7 31.0	+15.255	+243	12.1	+ 18	0	9.0	K 5
10,772	24 4386	B 8197	379		18 23.09	6747	33	24 39 56.4	265	247	11.3	- 13	+ 15	9.0	G 5
10,773	28 4066	C 12415			18 24.68	5951	43	28 51 57.4	266	239	12.1	- 6	+ 6	8.5	A 0
10,774	28 4067	C 12416			18 25.34	5979	43	28 43 17.3	267	239	12.3	+ 38	+ 5	9.1	
10,775	25 4522	C 12414	382	41573	18 26.37	6537	36	25 48 26.1	268	244	11.7	+ 5	+ 14	8.7	K 2
10,776	29 4395	C 12418			21 18 29.54	+2.5797	+0.0044	29 38 51.3	+15.271	+238	12.3	+ 12	- 5	8.4	
10,777	31 4431	L 8883	392-3-4	41587	18 44.22	5410	48	31 34 37.8	285	233	12.3	+ 19	- 34	8.6	F 5
10,778	25 4524	C 12422			18 45.96	6559	37	25 43 33.9	287	244	11.3	- 18	- 18	9.3	
10,779	30 4415	C 12426	396		18 49.31	5674	46	30 18 16.0	290	235	11.9	- 47	- 12	9.0	
10,780	29 4397	C 12425	395	41588	18 49.81	5750	45	29 55 29.5	290	236	11.3	+ 27	- 3	6.28	K 0
10,781	30 4417	C 12428			21 18 56.89	+2.5676	+0.0046	30 18 39.0	+15.297	+235	12.5	- 6	+ 20	9.7	
10,782	24 4389	C 12430			19 4.20	6678	35	25 7 8.0	304	245	14.0	+ 11	+ 9	9.1	
10,783	28 4072	C 12435			19 10.55	6028	44	28 34 10.8	310	238	12.3	+ 20	+ 17	8.8	
10,784	31 4432	L 8888			19 11.25	5409	48	31 38 33.0	310	233	13.1	+ 40	- 38	8.4	F 2
10,785		402-3	41608	19 11.25	5409	48	31 38 34.8	310	233	11.2	+ 40	- 38			
10,786	29 4400	C 12437	404	41609-10	21 19 11.40	+2.5409	+0.0048	31 38 36.2	+15.310	+233	12.8	+ 40	- 38		
10,787	29 4401	C 12440			19 15.83	5894	45	29 15 26.3	315	238	10.9	- 22	- 129	7.7	F 8
10,788	29 4401	C 12440			19 22.26	5882	45	29 19 58.3	320	237	12.9	- 13	+ 10	9.5	
10,789	25 4527	C 12439	405		19 22.78	6506	38	26 5 12.2	321	242	13.3	+ 14	0	9.0	
10,790	29 4403	C 12442	409-10	41618-9	19 25.41	5865	45	29 25 38.2	324	237	11.9	+ 27	+ 11	8.0	G 5
10,791	24 4390	B 8201			21 19 26.50	+2.6785	+0.0034	24 34 39.8	+15.325	+246	13.7	- 61	- 137	8.6	G 5
10,792	30 4420	L 8890			19 33.61	5579	48	30 52 6.7	331	233	13.3	+ 15	- 16	9.3	A 3
10,793	30 4421	L 8891		41643	19 37.68	5609	47	30 43 50.2	335	233	11.9	+ 9	- 5	7.66	K 2
10,794	31 4435	L 8892			19 37.72	5370	50	31 53 15.4	335	231	13.2	+ 6	- 25	9.0	A
10,795	26 4145	C 12447			19 41.13	6383	40	26 46 27.3	338	240	13.5	+ 10	- 16	9.0	F 8
10,796	27 4055	C 12449			21 19 42.93	+2.6126	+0.0043	28 7 36.3	+15.340	+238	13.9	+ 20	+ 2	9.3	
10,797	27 4054	C 12448			19 42.99	6223	41	27 37 20.9	340	239	13.5	- 25	- 9	9.1	
10,798	27 4056	C 12453	423	41634	19 55.06	6139	43	28 5 6.8	351	238	10.5	- 25	- 17	8.4	F 0
10,799	29 4406	C 12455	424-6	41636	19 55.11	5913	44	29 14 46.0	352	237	12.3	+ 28	- 4	8.6	
10,800	24 4393	B 8209			19 57.14	6833	34	24 22 11.2	353	245	11.9	+ 44	- 6	9.0	

10,782, 10,794, 10,797. Number of observations 6. 10,783. This is the principal star of the pair Σ 2792, magnitudes 10.0 and 8.5. 10,784. Number of observations 3.
 10,784 and 10,786. Burnham 10,949. magnitudes 7.7 and 7.7. 10,785. Observed as one mass. 10,785, 10,786. Number of observations 2.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
	°				h m s	s	s	° ' "	"	"					
10,801	24 4394	B 8210		41637	21 20 6.36	+2.6735	+0.0035	24 55 31.4	+15.362	+244	10.9	+ 30	+ 11	6.22	A 0
10,802	23 4305	B 8212			20 20.76	6882	33	24 8 29.9	376	246	12.1	+ 19	+ 17	6.42	K 0
10,803	26 4146	C 12461			20 24.35	6499	38	26 14 41.5	379	241	11.5	+ 36	- 9	9.1	F 0
10,804	24 4396	B 8213			20 29.72	6768	35	24 47 23.6	384	244	12.3	+ 73	- 6	8.4	K 0
10,805	31 4437	L 8896	438	41667	20 30.91	5498	49	31 23 14.0	385	231	12.5	+ 15	+ 27	8.7	F 8
10,806	30 4428	L 8895	437	41649	21 20 31.19	+2.5669	+0.0047	30 32 57.5	+15.385	+233	12.3	+ 29	+ 4	6.72	A 2
10,807	25 4531	C 12462	434	41658	20 34.21	6587	37	25 47 13.3	388	241	11.7	+ 28*	- 7*	5.74	F 0
10,808	29 4407	C 12465			20 38.16	5808	46	29 52 3.9	392	234	11.9	- 10	- 6	9.3	
10,809	31 4440	L 8903	446		20 45.44	5480	49	31 30 22.1	399	231	12.5	+ 14	- 58	9.1	
10,810	25 4533	C 12468		41674	20 48.02	6646	37	25 29 33.9	401	242	12.7	+ 20	+ 12	7.06	A 0
10,811	26 4149	C 12469	442		21 20 50.42	+2.6508	+0.0038	26 14 36.5	+15.403	+241	11.7	- 6	- 29	8.6	K 2
10,812	26 4150	C 12470			20 54.79	6427	39	26 41 25.7	407	240	12.1	+ 1	- 9	9.3	K 2
10,813	23 4307	B 8216			20 58.14	6913	34	24 2 12.4	410	245	12.8	- 3	- 19	9.0	
10,814	30 4430	L 8907			21 1.12	5629	49	30 48 43.3	413	232	12.5	0	+ 4	9.0	
10,815	26 4151	C 12472		41684	21 2.25	6366	41	27 1 48.7	414	239	12.7	+ 8	+ 17	6.88	B 8
10,816	26 4153	C 12474	453		21 21 9.67	+2.6420	+0.0041	26 45 25.6	+15.421	+239	12.7	+ 7	+ 2	8.8	
10,817	23 4308	B 8217		41686	21 13.77	6907	34	24 6 11.0	425	245	12.2	+ 24	- 15	7.9	A 2
10,818	30 4431	L 8910	458		21 18.53	5581	49	31 5 18.6	429	232	12.2	+ 3	+ 37	8.5	
10,819	26 4155	C 12478	457		21 25.42	6423	41	26 46 16.5	436	239	13.1	+ 18	+ 10	8.6	A 2
10,820	26 4154	C 12479			21 25.58	6484	40	26 26 44.0	436	240	12.3	- 27	+ 10	9.0	G 0
10,821	28 4085	C 12481	459	41697-9	21 21 25.86	+2.5985	+0.0045	29 4 23.3	+15.436	+236	10.6	+ 4	+ 13	7.16	A 0
10,822	26 4156	C 12483	460		21 32.05	6416	41	26 49 33.6	442	238	11.5	- 108	- 158	8.4	G 5
10,823	31 4443	L 8912	463		21 33.46	5445	51	31 47 14.6	443	230	11.5	- 2	- 52	8.7	
10,824	30 4434	C 12489			21 53.55	5757	47	30 17 26.5	462	232	10.8	- 43	+ 3	8.6	
10,825	26 4159	C 12491			22 13.23	6476	41	26 35 11.7	480	239	12.7	+ 26	- 6	9.3	
10,826	24 4400	B 8219			21 22 14.28	+2.6829	+0.0035	24 39 6.2	+15.481	+243	13.4	- 15	+ 7	9.3	G 0
10,827	24 4402	B 8220			22 18.34	6862	35	24 28 22.8	485	243	13.1	+ 12	- 3	9.3	F 8
10,828	29 4414	C 12497			22 24.96	5794	48	30 10 21.5	491	233	12.3	- 2	+ 5	9.0	
10,829	30 4436	L 8922			22 25.62	5598	50	31 9 11.5	492	231	12.7	+ 13	+ 1	9.3	
10,830	31 4450	L 8926			22 49.61	5526	51	31 33 38.4	514	229	12.3	- 22	0	9.3	
10,831	31 4451	L 8927			21 22 51.09	+2.5489	+0.0051	31 44 41.3	+15.515	+229	11.7	- 11	- 11	9.0	
10,832	31 4452	L 8928	489		22 52.38	5537	51	31 30 57.9	516	229	9.8	- 3	+ 24	8.6	A 2
10,833	30 4438	L 8929			22 54.78	5755	49	30 26 14.5	519	231	11.5	+ 70	+ 4	9.3	
10,834	31 4453	L 8930			22 56.34	5481	52	31 47 58.8	520	228	11.4	+ 19	- 15	8.7	B 8
10,835	26 4163	C 12506	488		22 57.39	6422	41	26 58 3.1	521	237	9.6	+ 6	- 3	9.0	
10,836	31 4454	L 8935			21 23 24.93	+2.5589	+0.0051	31 19 48.7	+15.546	+229	10.0	+ 34	+ 15	8.6	
10,837	25 4539	C 12512			23 27.77	6728	38	25 21 19.7	549	240	10.4	- 3	- 21	9.01	K 0
10,838	27 4065	C 12513			23 28.42	6311	44	27 37 31.6	550	236	10.7	+ 19	+ 6	9.1	
10,839	27 4066	C 12514	505	41761-2	23 33.06	6340	43	27 28 57.5	554	235	9.5	- 10	+ 19	8.0	K 5
10,840	31 4457	L 8937			23 38.77	5536	51	31 37 28.1	559	228	10.5	+ 39	- 4	9.3	
10,841	26 4164	C 12516	507	41767-9-70	21 23 42.03	+2.6393	+0.0043	27 12 58.3	+15.562	+236	10.2	+ 26*	+ 22*	5.38	A 0
10,842	31 4459	L 8939			23 54.47	5588	52	31 24 13.0	574	228	10.3	- 11	- 11	7.9	K 0
10,843	23 4318	B 8236	513	41775	23 58.12	6941	35	24 13 18.2	577	241	11.6	+ 1	- 12	7.8	K 5
10,844	26 4169	C 12526			24 4.03	6441	42	27 0 5.6	582	236	12.0	+ 6	+ 1	8.7	A 2
10,845	30 4446	L 8940	521		24 6.01	5679	51	30 58 38.2	584	229	11.8	- 23	- 4	8.5	
10,846	26 4170	C 12531	520		21 24 11.36	+2.6410	+0.0042	27 11 6.1	+15.589	+236	12.1	- 14	- 2	8.7	
10,847	25 4540	C 12532			24 13.50	6656	40	25 50 38.1	591	238	12.3	+ 5	- 24	9.3	
10,848	23 4319	B 8238	519		24 14.90	6943	35	24 14 32.0	592	241	11.5	+ 28	+ 8	9.4	M a
10,849	31 4462	L 8944	526	41787	24 17.44	5512	53	31 49 51.2	595	227	10.4	+ 94*	+ 62*	5.74	F 0
10,850	24 4406	B 8240	522		24 21.09	6937	36	24 17 17.8	598	241	11.7	+ 29	- 23	9.7	F 5

10,808. This star is a close double, components 9.3 and 9.4.
10,824, 10,832. Number of observations 6.

10,834. Number of observations 7.

10,818, 10,838, 10,848. Number of observations 4.
10,843. Number of observations 9.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.		
												R.A. ".0001.	Dec. ".001.				
10,851	28 4101	C 12534			h m s	s	s	o ' "	"	"	12.3	+	24	-	31	8.8	
10,852	28 4103	C 12535			24 33.74	6071	47	29 2 1.2	610	233	13.1	-	10	+	12	9.1	
10,853	29 4419	C 12537	531	41798	24 34.48	5917	49	29 50 4.0	610	231	11.1	-	12	-	40	7.76	K 2
10,854	31 4464	L 8945			24 38.50	5636	51	31 16 7.6	614	227	13.1	-	9	-	24	9.3	
10,855	24 4409	B 8242	528		24 39.45	6945	37	24 16 36.0	615	240	12.0	+	34	+	8	7.8	A 0
10,856	25 4543	C 12538	530		21 24 40.99	+2.6635	+0.0040	26 1 7.3	+15.616	+237	12.1	+	41	+	1	7.60	K 2
10,857	25 4542	C 12539	529	41814	24 41.45	6723	38	25 31 42.8	617	238	11.3	+	25	-	31	6.78	K 2
10,858	25 4544	C 12540	534		24 43.39	6607	41	26 10 29.0	618	237	10.8	+	57	+	89	7.6	F 8
10,859	29 4421	C 12545	540		24 53.55	5977	48	29 33 51.5	628	231	11.7	+	12	+	6	9.3	
10,860	31 4466	L 8947	544	41813	24 57.01	5513	54	31 55 2.7	631	226	11.5	+	10	+	18	8.5	
10,861	30 4449	L 8948			21 25 1.11	+2.5773	+0.0051	30 37 31.3	+15.635	+229	10.2	-	17	-	7	9.3	
10,862	24 4411	C 12550			25 14.20	6819	38	25 3 20.3	647	238	11.7	-	88	-	168	8.6	G 5
10,863	27 4076	C 12553		41819-20	25 19.14	6249	46	28 11 33.7	651	232	11.3	-	13	-	129	6.83	K 2
10,864	30 4451	C 12555	551		25 25.01	5828	51	30 24 17.6	656	229	12.3	+	19	+	37	8.6	
10,865	28 4105	C 12554		41823	25 25.57	6198	46	28 28 52.3	657	232	11.9	+	91	+	22	8.6	G 5
10,866	24 4413	B 8247	550		21 25 28.28	+2.6961	+0.0036	24 16 49.9	+15.659	+239	12.3, 11.1	+	30	-	143	8.8	K 2
10,867	28 4106	C 12557			25 29.17	6239	46	28 16 6.5	660	232	12.5	-	4	-	10	9.1	
10,868	28 4107	C 12558			25 31.18	6107	47	28 58 11.6	662	231	13.1	-	1	-	1	9.0	
10,869	28 4108	C 12560			25 34.38	6104	47	28 59 25.3	665	231	13.3	+	68	-	2	9.1	A 2
10,870	25 4547	C 12561	552		25 38.50	6692	40	25 48 59.5	669	236	11.7	-	29	-	16	8.6	K 2
10,871	30 4452	C 12563	563		21 25 43.51	+2.5849	+0.0051	30 20 4.2	+15.673	+228	12.5	-	10	-	21	8.6	
10,872	31 4471	L 8957	565		25 46.84	5565	54	31 46 52.1	676	225	11.9	+	28	+	13	9.3	
10,873	25 4549	C 12566	562	41838	25 49.97	6767	39	25 25 30.6	679	236	12.4	+	24	-	2	8.4	K 2
10,874	31 4472	L 8961	571		25 59.63	5583	54	31 43 17.6	688	226	10.6	-	3	+	25	8.5	
10,875	31 4474	L 8962	575		26 8.38	5565	55	31 49 36.5	696	225	12.5	-	12	+	16	8.8	
10,876	29 4426	C 12570	577	41867	21 26 13.22	+2.6025	+0.0049	29 29 43.2	+15.700	+230	11.7	+	7	+	19	8.4	A 0
10,877	30 4455	C 12572	578		26 14.22	5842	52	30 26 39.1	701	228	12.1	-	1	-	6	8.0	F 0
10,878	28 4110	C 12574	583	41877	26 27.57	6202	48	28 35 36.7	713	230	11.7	+	40	+	19	8.0	F 2
10,879	29 4428	C 12576			26 32.17	5996	49	29 41 16.8	717	230	12.3	+	5	-	1	9.0	
10,880	29 4429	C 12579	588		26 40.18	5924	51	30 4 43.5	725	228	12.7		0	+	11	8.4	
10,881	30 4460	C 12581			21 26 41.11	+2.5888	+0.0052	30 16 12.9	+15.725	+227	12.3	+	1	+	45	9.3	
10,882	24 4415	B 8257			26 41.42	6933	38	24 35 9.2	726	237	12.5	-	6	-	12	9.3	
10,883	26 4182	C 12582			26 43.76	6485	43	27 6 5.7	728	234	13.3	-	8	+	5	9.0	
10,884	29 4430	C 12584			26 46.18	6029	49	29 32 53.3	730	230	12.6	-	14	+	21	9.3	
10,885	25 4551	C 12585			26 48.92	6754	41	25 37 3.9	732	237	12.4	+	9	-	17	9.0	K 2
10,886	24 4416	B 8258	589		21 26 50.16	+2.6968	+0.0037	24 23 3.9	+15.734	+238	11.4	+	30	+	1	8.6	A 5
10,887	25 4552	C 12586	593	41890	26 56.15	6801	40	25 21 52.6	739	235	11.9	+	21	-	5	8.21	K 2
10,888	31 4481	L 8976	597	41898	26 57.38	5641	54	31 33 40.6	740	225	12.5	+	33	+	26	6.87	A 5
10,889	29 4432	C 12591	598		26 59.94	5916	51	30 10 0.7	742	228	11.2	+	1	-	31	8.71	A 2
10,890	24 4417	B 8261	595		27 4.68	6976	38	24 23 10.1	747	237	13.8	+	3	+	7	9.7	
10,891	24 4418	B 8262			21 27 4.70	+2.6911	+0.0039	24 45 35.8	+15.747	+236	13.7	+	20	+	13	9.0	
10,892	25 4553	C 12592	596	41896	27 6.30	6754	41	25 39 1.6	748	235	12.9	+	29	+	5	9.3	K 5
10,893	28 4111	C 12593			27 6.90	6244	48	28 27 13.3	749	230	12.9	+	7	-	20	9.3	
10,894	29 4434	C 12595		41900	27 8.78	6003	50	29 44 14.8	750	229	13.1	+	43	+	25	8.1	F 2
10,895	27 4085	C 12596	601	41901	27 11.79	6336	47	27 58 12.6	753	233	13.4	-	16	+	3	8.7	K 0
10,896	29 4435	C 12598	604	41906	21 27 14.14	+2.5977	+0.0051	29 52 56.6	+15.755	+228	13.0	+	27	-	9	7.76	K 0
10,897	25 4555	C 12601			27 19.03	6746	41	25 43 26.4	760	235	12.3	+	31	+	17	9.3	
10,898	25 4554	C 12602			27 19.14	6804	40	25 23 54.0	760	235	12.7	-	7	-	11	9.3	
10,899	25 4557	C 12605			27 25.03	6688	43	26 3 51.2	765	233	11.3	-	7	+	2	8.8	A 2
10,900	25 4558	C 12606	613		27 39.36	6769	41	25 38 12.2	778	235	10.6	+	8	-	11	9.0	F 0

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.		
												R.A. s.0001.	Dec. s.001.				
10,901	24 4424	B 8270	617		h m s	s	s	o ' "	"	"	10.1	+	5	+	67	8.0	A o
10,902	28 4117	C 12612			21 27 48.79	+2.6916	+0.0040	24 49 12.7	+15.786	+235	10.1	+	5	+	67	8.0	A o
10,903	30 4467	L 8982			27 57.20	6136	49	29 8 31.1	794	229	9.6	+	13	+	19	9.3	
10,904	26 4189	C 12616		41937	27 59.84	5822	53	30 47 36.7	796	225	12.3	-	7	+	10	9.1	
10,905	29 4439	C 12619			28 18.39	6545	45	26 58 22.4	813	232	9.8	+	25	-	30	9.0	
					28 20.84	5956	51	30 8 45.2	815	227	9.8	-	8	-	5	9.3	
10,906	30 4469	L 8989			21 28 22.80	+2.5752	+0.0054	31 12 16.9	+15.817	+225	10.3	+	14	+	15	9.0	
10,907	31 4489	L 8990			28 26.57	5744	54	31 15 20.4	821	224	11.7	+	5	-	22	9.3	
10,908	26 4191	C 12625			28 30.21	6552	45	26 57 29.9	824	231	9.3	-	12	-	20	9.0	
10,909	29 4440	C 12628	638	41965	28 38.65	5959	52	30 10 25.7	831	226	8.7	+	22	+	20	8.36	K 5
10,910	29 4441	C 12630			28 43.89	5984	51	30 3 8.9	836	226	10.7	-	37	+	14	9.3	
10,911	26 4194	C 12636	642	41976	21 29 0.19	+2.6566	+0.0046	26 56 35.7	+15.850	+231	7.5	-	8	-	22	8.7	
10,912	29 4443	C 12639	649	41982	29 7.35	6012	52	29 57 38.5	857	226	9.1	+	113	+	3	8.21	F 2
10,913	31 4494	L 8998	655		29 28.20	5770	55	31 16 5.3	875	223	10.1	-	24	-	18	8.7	
10,914	26 4197	C 12643	656	42008	29 36.55	6534	46	27 12 11.3	883	230	8.7	+	6	+	8	8.1	K 5
10,915	25 4565	C 12644	659-60		29 48.11	6842	42	25 29 31.0	893	232	8.3	-	6	-	4	8.2	K o
10,916	28 4128	C 12651			21 30 10.11	+2.6302	+0.0051	28 33 21.6	+15.912	+227	9.5	-	1	+	12	9.4	
10,917	25 4567	C 12653			30 17.42	6770	44	25 57 44.6	919	231	10.3	+	2	-	22	8.6	A 2
10,918	25 4568	C 12656	673	42036	30 26.91	6824	43	25 40 36.4	927	232	9.7	+	42	+	20	8.7	F 8
10,919	30 4472	C 12663			30 50.35	5995	53	30 17 37.2	948	223	9.5	+	32	+	7	9.0	
10,920	27 4104	C 12661			30 50.83	6441	49	27 53 12.5	949	226	9.3	-	2	+	6	9.3	
10,921	29 4452	C 12666			21 30 52.56	+2.6076	+0.0053	29 52 19.1	+15.951	+224	10.3	+	4	-	24	9.3	
10,922	25 4570	C 12664	685		30 53.48	6865	43	25 29 58.0	951	231	10.5	+	6	-	2	9.3	
10,923	30 4474	L 9008	689		30 54.66	5954	54	30 31 7.4	952	223	9.6	-	3	+	17	8.8	
10,924	27 4106	C 12669			31 6.41	6418	50	28 2 52.3	962	227	11.7	+	130	+	66	9.3	
10,925	31 4499	L 9010	695	42065	31 9.54	5796	57	31 22 56.2	965	221	9.9	+	18	-	14	7.21	A o
10,926	23 4343	B 8295			21 31 10.00	+2.7111	+0.0039	24 5 35.0	+15.965	+232	10.4	+	75	+	8	8.7	
10,927	25 4572	C 12673	694	42062	31 12.81	6808	45	25 51 52.7	968	230	10.0	+	40	-	1	8.4	A 2
10,928	26 4205	C 12675			31 14.76	6648	46	26 46 47.2	970	228	12.1	+	1	+	3	9.3	
10,929	27 4107	C 12676	699	42069	31 19.74	6469	49	27 47 47.6	974	225	11.4	+	100	-	26	6.35	F o
10,930	27 4108	C 12677			31 21.97	6502	49	27 37 5.0	976	227	11.9	+	11	+	43	8.8	
10,931	23 4346	B 8298		42063	21 31 22.64	+2.7123	+0.0039	24 3 1.4	+15.977	+231	10.3	+	9	-	19	6.13	A 3
10,932	24 4433	B 8299	701		31 22.83	7001	41	24 45 54.2	977	230	12.2	+	16	+	7	8.6	K o
10,933	30 4476	C 12680			31 29.14	5984	54	30 26 35.3	982	223	11.7	+	5	+	2	9.3	
10,934	27 4110	C 12685	713		31 45.45	6470	50	27 50 45.1	997	225	11.5	+	28	+	9	9.0	
10,935	29 4453	C 12686	715		31 48.42	6199	53	29 20 36.1	999	223	11.3	+	3	-	11	8.4	B
10,936	29 4454	C 12687			21 31 50.16	+2.6082	+0.0054	29 58 25.8	+16.001	+222	11.1	-	35	+	3	9.3	
10,937	30 4479	L 9016	718		31 51.63	5964	55	30 36 24.9	002	222	10.7	+	32	+	29	8.0	K o
10,938	} 25 4575	C 12691		42091	31 54.69	6806	45	25 58 0.4	005	229	12.1	+	6	-	22	} 9.1	G
10,939		C 12692			31 55.59	6806	45	25 58 1.5	006	229	11.5	-	6	-	22		
10,940		C 12693			31 55.71	6244	52	29 6 55.8	006	223	11.1	-	4	+	20		
10,941	30 4480	L 9018			21 32 1.13	+2.5929	+0.0056	30 48 41.7	+16.010	+221	11.2	-	9	-	17	8.4	
10,942	30 4481	L 9019	723		32 5.74	5855	57	31 12 38.0	014	221	12.3	+	29	-	34	8.6	
10,943	26 4210	C 12695			32 5.25	6653	47	26 52 1.2	014	227	11.9	+	49	+	39	9.3	
10,944	24 4436	B 8306	722		32 8.63	7087	40	24 21 21.6	017	231	12.9	+	23	-	13	9.3	
10,945	29 4456	C 12703	728-9	42118	32 18.69	6155	53	29 39 2.9	026	223	11.8	-	38	+	28	6.47	K o
10,946	28 4137	C 12704	732	42122	21 32 26.38	+2.6253	+0.0052	29 8 12.7	+16.033	+224	11.2	+	18	-	8	8.1	G o
10,947	26 4213	C 12706	734		32 36.86	6764	46	26 18 8.7	042	227	12.4	+	24	-	1	9.3	
10,948	31 4504	L 9026	741		32 41.30	5778	58	31 41 54.6	046	219	10.7	+	22	+	19	7.8	Ma
10,949	30 4486	L 9029			32 47.41	5908	56	31 1 57.2	051	220	12.5	-	21	+	1	9.3	
10,950	29 4458	C 12707	744	42131	32 47.89	6239	54	29 16 3.5	051	222	11.7	+	8	-	19	8.4	

10,902, 10,939. Number of observations 4.
10,913. Number of observations 7.

10,910, 10,947. Number of observations 6.
10,938, 10,939. Burnham 11083, magnitudes 8.9 and 8.9.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 1900.1.	Dec. 1900.1.		
	°				h m s	s	s	° ' "	"	"		+	-		
10,951	29 4459	C 12710			21 32 50.99	+2.6206	+0.0054	29 27 15.7	+16.054	+2.222	12.7	+ 22	- 45	8.5	
10,952	24 4438	C 12709	742		32 51.65	6958	44	25 12 40.0	055	229	12.3	- 7	+ 10	8.4	K 0
10,953	27 4117	C 12711			32 54.23	6553	49	27 32 14.6	057	225	13.1	+ 49	- 1	8.8	G 5
10,954	31 4506	L 9030			32 54.43	5749	60	31 52 54.7	057	218	12.5	+ 20	+ 14	9.3	
10,955	29 4460	C 12714	750-1		32 58.58	6128	55	29 53 25.4	061	221	12.3	- 17	- 19	9.3	
10,956	26 4215	C 12713		42135	21 32 59.57	+2.6658	+0.0048	26 57 25.4	+16.062	+2.226	11.4	- 1	- 10	8.7	K 5
10,957	28 4140	C 12717			33 10.17	6401	52	28 25 33.5	071	224	10.5	- 14	- 9	9.0	
10,958	24 4439	C 12720	762		33 17.62	6971	44	25 11 23.3	077	228	10.7	+ 27	+ 12	9.3	
10,959	31 4508	L 9034			33 19.33	5786	59	31 44 55.3	079	218	10.9	+ 57	+ 73	9.0	
10,960	24 4440	B 8316			33 21.60	7014	43	24 56 36.1	081	228	10.0	- 19	- 14	8.6	K 2
10,961	28 4141	C 12722	767	42157	21 33 21.65	+2.6290	+0.0053	29 4 5.9	+16.081	+2.223	9.9	- 18	+ 12	8.0	F 8
10,962	31 4510	L 9038			33 44.50	5866	58	31 23 53.3	102	218	10.1	- 22	- 9	9.3	
10,963	28 4143	C 12729	774		33 50.29	6269	53	29 14 52.5	106	222	9.3	- 9	- 29	8.7	
10,964	25 4579	C 12730	772		33 52.82	6823	46	26 7 56.5	108	227	10.3	- 9	+ 18	9.1	A 3
10,965	26 4221	C 12731	775		33 55.00	6708	48	26 47 53.3	110	225	9.3	- 71	- 56	8.8	F 8
10,966	29 4464	C 12732	779-81-2-3	42181	21 34 4.30	+2.6238	+0.0055	29 27 7.9	+16.118	+2.221	9.5	- 4	- 14	8.1	A 0
10,967	28 4145	C 12733			34 13.22	6408	54	28 32 10.3	126	221	11.1	+ 1	+ 14	9.3	
10,968	27 4121	C 12735		42187	34 16.07	6592	50	27 30 31.9	128	224	10.8	+ 9	+ 6	8.4	
10,969	29 4466	C 12736			34 16.72	6144	56	29 59 50.8	129	220	10.3	- 8	- 9	9.3	
10,970	29 4467	C 12739			34 26.32	6112	56	30 11 34.3	137	218	11.4	+ 87	+ 76	9.3	
10,971	28 4147	C 12740			21 34 27.36	+2.6362	+0.0054	28 49 30.0	+16.138	+2.221	10.7	- 14	+ 29	8.8	
10,972	27 4122	C 12741	792	42196	34 30.95	6638	49	27 16 57.2	141	225	10.3	+ 1	- 28	8.6	A 2
10,973	24 4445	C 12746		42200-1	34 41.82	7018	43	25 5 33.4	150	227	8.9	- 11	+ 33	6.30	G 5
10,974	30 4491	L 9048	805		34 44.74	6045	57	30 35 43.5	153	218	10.1	- 12	+ 36	8.5	
10,975	30 4492	L 9049			34 45.21	6007	58	30 48 6.9	153	218	10.9	+ 40	+ 2	9.0	
10,976	25 4581	C 12750	804		21 35 1.55	+2.6890	+0.0047	25 53 39.3	+16.167	+2.225	10.6	- 28	- 55	8.7	K 0
10,977	31 4522	L 9052	814-5		35 16.89	5931	60	31 17 15.1	181	216	11.2	- 16	- 41	8.2	F 8
10,978	23 4361	B 8331		42221	35 17.44	7198	42	24 5 14.2	181	228	10.4	+ 7	- 4	7.21	K 2
10,979	30 4495	C 12754			35 21.94	6106	58	30 21 48.8	185	217	11.3	+ 26	+ 4	8.71	Ma
10,980	25 4582	C 12753	813		35 24.19	6849	47	26 11 2.9	187	225	11.9	- 6	- 10	8.4	K 0
10,981	31 4523	L 9055			21 35 25.32	+2.5870	+0.0061	31 37 37.4	+16.188	+2.216	11.9	+ 28	+ 31	9.0	
10,982	25 4583	C 12757			35 28.49	6942	46	25 38 54.6	191	225	11.8	- 9	- 22	9.3	
10,983	30 4496	L 9056	826		35 30.88	5968	59	31 7 31.4	193	216	10.7	+ 7	+ 31	8.1	F 8
10,984	29 4474	C 12759		42242	35 33.81	6224	56	29 44 55.7	195	220	11.1	+ 35	+ 2	8.6	F 2
10,985	24 4449	B 8337			35 39.69	7131	43	24 32 29.1	200	226	11.3	- 2	- 27	8.7	K 0
10,986	29 4475	C 12760			21 35 40.40	+2.6154	+0.0057	30 8 50.0	+16.201	+2.218	11.1	+ 14	- 6	9.3	
10,987	28 4153	C 12761			35 47.48	6405	55	28 46 43.1	207	219	10.3	- 7	- 1	9.0	
10,988	29 4476	C 12764	828	42250	35 51.26	6270	56	29 32 10.7	210	219	10.5	+ 13	+ 2	8.2	A 2
10,989	30 4498	L 9058	829		35 52.84	6052	59	30 43 47.5	211	216	10.7	+ 22	+ 30	8.5	F 8
10,990	27 4128	C 12766			36 0.10	6584	51	27 47 58.3	218	221	11.5	+ 3	- 19	9.0	
10,991	26 4232	C 12771	832	42251	21 36 5.97	+2.6782	+0.0048	26 40 16.2	+16.223	+2.223	11.7	+ 6	+ 23	8.7	
10,992	25 4586	C 12768			36 6.12	6965	46	25 35 39.7	223	224	11.5	+ 1	+ 6	9.3	
10,993	26 4230	C 12770			36 6.52	6797	48	26 34 59.9	223	223	11.9	- 1	- 20	9.3	
10,994	24 4450	B 8340			36 8.36	7133	43	24 35 28.4	225	226	12.4	- 19	- 41	8.6	K 0
10,995	30 4499	L 9063			36 15.38	6002	59	31 3 24.7	231	216	12.5	- 19	+ 2	8.8	
10,996	25 4588	C 12773			21 36 18.79	+2.6950	+0.0046	25 42 41.4	+16.234	+2.224	11.7	+ 29	+ 8	9.3	
10,997	27 4131	C 12774			36 22.76	6566	52	27 57 15.3	237	221	10.9	+ 43	+ 29	8.8	
10,998	28 4161	C 12781	851	42273-4	36 43.37	6506	54	28 20 45.4	255	219	8.5	+ 108	+ 36	7.33	G 5
10,999	27 4132	C 12783			36 54.37	6630	51	27 39 34.9	264	220	10.9	- 17	- 21	8.6	
11,000	30 4501	L 9070			36 58.53	6040	60	30 57 48.8	268	215	12.3	+ 24	+ 31	9.1	

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. s.0001.	Dec. ".001.		
11,001	26 4237	C 12786	856	42286	21 37 1.90	+2.6859	+0.0049	26 20 36.8	+16.270	+0.222	9.1	+ 264	- 86	7.43	G 5
11,002	28 4162	C 12787	860	42293	37 2.23	6410	56	28 55 53.2	271	218	9.3	+ 57	- 17	8.0	G
11,003	29 4481	C 12789	865-6	42296	37 3.92	6239	58	29 53 18.4	272	217	9.9	+ 6	+ 10	7.36	K 2
11,004	29 4482	C 12790			37 6.96	6220	58	30 0 8.7	275	217	10.9	- 40	+ 16	9.1	
11,005	30 4502	L 9072	868		37 11.38	6006	61	31 10 42.5	278	215	10.5	+ 38	+ 17	8.4	F 5
11,006	27 4133	C 12792			21 37 18.39	+2.6670	+0.0051	27 29 16.6	+16.284	+0.220	10.3	+ 22	+ 43	9.1	
11,007	31 4529	L 9083	883		37 53.27	5934	62	31 40 19.8	314	213	9.7	+ 3	+ 15	9.0	
11,008	25 4596	C 12801			38 10.81	6921	49	26 8 20.6	329	221	10.1	- 14	- 21	9.9	
11,009	27 4138	C 12803			38 13.19	6617	54	27 55 26.8	331	218	10.7	- 40	- 3	9.3	
11,010	26 4242	C 12804			38 14.77	6876	50	26 24 50.6	332	220	10.5	+ 15	+ 16	9.0	
11,011	27 4139	C 12805	887		21 38 15.02	+2.6603	+0.0054	28 0 34.5	+16.332	+0.218	10.5	+ 17	0	9.0	
11,012	30 4507	L 9088			38 20.00	6053	61	31 6 9.6	337	214	10.9	- 46	- 35	9.3	
11,013	28 4166	C 12807			38 23.90	6557	55	28 17 52.1	340	217	11.3	+ 15	- 5	9.0	G
11,014	30 4509	L 9090			38 29.49	6061	61	31 5 1.6	345	214	10.9			8.8	
11,015	31 4532	L 9092	894-7		38 33.99	5992	62	31 28 10.5	348	213	9.9	+ 86	- 25	8.4	G 5
11,016	26 4243	C 12809			21 38 39.17	+2.6837	+0.0050	26 42 16.4	+16.353	+0.219	11.1	- 20	+ 11	9.0	
11,017	30 4510	L 9094	901		38 41.50	6102	61	30 53 28.1	355	213	10.7	+ 11	- 3	8.4	K 5
11,018	24 4455	C 12813	904-5	42363	39 4.91	7112	46	25 6 48.8	375	221	8.6	- 7	- 11	7.66	A 2
11,019	31 4534	L 9097			39 12.66	6023	63	31 24 13.6	381	212	10.7	+ 5	- 15	9.3	K 0
11,020	25 4599	C 12816			39 23.47	7088	47	25 17 58.9	390	221	11.0	+ 4	- 10	9.3	
11,021	25 4600	C 12817	909		21 39 23.56	+2.7031	+0.0048	25 38 50.8	+16.390	+0.220	8.7	- 18	- 5	8.4	
11,022	24 4457	B 8361	911	42375	39 27.51	7210	46	24 33 49.8	393	219	11.3	+ 23	+ 21	8.8	K 5
11,023	25 4603	C 12822			39 30.23	7047	47	25 33 42.7	396	220	11.4	- 4	+ 31	9.3	
11,024	26 4249	C 12823			39 30.25	6819	52	26 55 56.3	396	218	10.9	- 4	- 21	9.0	
11,025	25 4605	C 12825			39 38.61	7005	49	25 50 24.0	403	220	12.1	+ 4	- 19	9.3	
11,026	28 4167	C 12826			21 39 40.47	+2.6466	+0.0058	29 0 18.3	+16.404	+0.214	10.9	+ 8	- 38	8.7	A 3
11,027	24 4458	C 12827			39 43.16	7119	46	25 9 10.1	407	221	12.5	- 6	+ 7	9.3	
11,028	27 4144	C 12828	922-4		39 49.28	6722	53	27 32 46.2	412	216	11.3	+ 5	+ 49	8.6	
11,029	31 4536	L 9099	931		39 52.60	6060	63	31 18 27.7	415	211	11.5	- 7	- 6	9.0	
11,030	27 4145	C 12829	926-7	42392-416	39 52.67	6743	53	27 26 3.3	415	217	10.7	+ 77	+ 3	8.0	F 5
11,031	24 4459	B 8365		42394	21 40 3.43	+2.7190	+0.0046	24 45 55.9	+16.424	+0.220	11.5	+ 16	- 15	7.86	A 3
11,032	25 4607	C 12834			40 4.96	6971	50	26 6 16.9	425	219	10.7	+ 154	+ 58	8.2	G 5
11,033	28 4169	C 12835		42404-5	40 7.15	6594	56	28 20 8.6	427	215	12.8	+ 214*	- 240*	4.73	F 5
11,034	23 4384	B 8367			40 12.59	7289	45	24 10 21.3	431	221	11.0	+ 14	+ 50	8.2	F 8
11,035	26 4253	C 12836			40 13.62	6885	51	26 38 32.6	432	218	11.7	0	- 89	8.4	G 0
11,036	25 4608	C 12837			21 40 19.51	+2.7013	+0.0050	25 52 58.3	+16.437	+0.219	12.5	- 18	- 19	7.8	K 2
11,037	28 4171	C 12839		42409-11	40 19.59	6594	56	28 22 11.1	437	215	11.1	- 8*	- 60*	6.90	A 5
11,038	28 4173	C 12842			40 24.70	6512	58	28 51 15.1	441	214	11.5	- 26	- 55	7.23	K 0
11,039	30 4515	L 9104	941		40 27.78	6113	62	31 6 26.2	444	211	11.9	+ 55	+ 26	8.8	K 2
11,040	28 4174	C 12844			40 29.26	6527	57	28 46 50.7	445	213	12.0	- 17	+ 8	7.12	A 0
11,041	29 4496	C 12846	943	42417	21 40 29.50	+2.6331	+0.0060	29 54 0.0	+16.445	+0.212	11.7	+ 17	- 24	8.2	K
11,042	24 4463	C 12847	940	42391-415	40 34.13	7126	46	25 13 52.0	449	219	12.0, 11.4	+ 24*	+ 2*	4.27	F 5
11,043	24 4464	B 8371			40 37.48	7286	45	24 14 55.6	452	220	11.3	- 12	- 57	9.3	
11,044	24 4465	B 8372			40 45.34	7256	45	24 27 1.0	459	220	11.1	- 4	- 58	7.8	F 5
11,045	24 4467	B 8373	949		40 55.95	7288	46	24 16 36.0	467	220	9.9	+ 24	+ 26	8.2	K 0
11,046	31 4539	L 9110			21 40 57.65	+2.6087	+0.0064	31 19 39.9	+16.469	+0.210	11.5	+ 19	+ 34	9.1	
11,047	26 4255	C 12851			41 3.34	6953	52	26 21 5.3	474	217	12.1	- 17	- 13	9.3	
11,048	27 4151	C 12853			41 6.77	6674	56	28 1 10.1	476	215	12.1	+ 11	+ 5	8.8	
11,049	29 4499	C 12854		42434	41 7.64	6332	61	29 59 41.2	477	212	12.0	+ 37	- 5	8.8	G
11,050	31 4540	L 9111	957		41 10.41	6050	65	31 34 6.2	479	208	12.3	- 12	+ 29	8.6	K 2

11,033. This is the slow binary Σ 2822, components 4.0 and 5.0.

11,042. Number of observations 24.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
11,051	28 4178	C 12856	954		21 41 11.29	+2.6538	+0.0059	28 49 27.8	+16.480	+213	11.2	+ 41	- 7	8.0	K 0
11,052	25 4611	C 12855			41 11.41	7090	49	25 32 16.2	480	217	12.5	+ 16	- 16	9.3	K 5
11,053	27 4152	C 12858			41 15.70	6772	54	27 27 55.6	484	215	12.9	- 10	+ 21	9.3	
11,054	26 4256	C 12857	956		41 16.06	6859	53	26 56 49.3	484	215	11.9	+ 24	+ 1	8.4	K 0
11,055	26 4257	C 12859	958	42436	41 18.58	6921	52	26 35 5.3	486	216	11.2	- 3	+ 7	7.18	B 9
11,056	23 4387	B 8380			21 41 21.32	+2.7321	+0.0045	24 7 21.6	+16.488	+219	11.6	- 4	- 9	8.2	F 8
11,057	28 4180	C 12862			41 38.84	6638	57	28 18 55.5	503	213	11.1	+ 10	+ 17	8.8	F 5
11,058	28 4181	C 12864		42453	41 44.92	6616	57	28 27 24.8	508	213	10.7	+ 16	+ 22	8.2	A 0
11,059	27 4156	C 12866			41 48.75	6660	57	28 12 29.1	511	213	10.9	- 31	- 22	8.5	A 0
11,060	25 4614	C 12865	965		41 50.12	7047	51	25 53 22.6	512	217	10.3	+ 43	- 3	8.6	G 5
11,061	29 4505	C 12869	972-3		21 41 51.38	+2.6447	+0.0060	29 27 3.6	+16.513	+212	10.2	- 7	+ 31	9.3	
11,062	24 4471	C 12867	967	42454-5	41 51.64	7165	48	25 10 5.6	514	218	10.1	+ 10*	+ 1*	6.56	B 8
11,063	25 4616	C 12873	979		42 12.53	7116	49	25 31 9.5	531	216	10.7	- 30	- 2	8.0	K 5
11,064	24 4473	C 12875	981-2	42472-3	42 17.99	7178	48	25 8 46.9	535	217	9.7	+ 108*	+ 13*	6.48	K 0
11,065	30 4521	L 9119			42 27.34	6182	64	31 2 39.4	543	208	11.1	- 12	- 16	8.4	
11,066	27 4160	C 12876			21 42 28.13	+2.6817	+0.0055	27 22 39.6	+16.544	+214	10.8	- 2	+ 8	8.6	A 0
11,067	26 4265	C 12877			42 29.07	6989	53	26 20 15.2	544	215	9.9	- 5	+ 6	8.2	F 8
11,068	26 4264	C 12878			42 29.86	6894	54	26 54 59.7	545	214	10.6	- 2	+ 6	9.1	
11,069	27 4161	C 12880			42 38.10	6711	56	28 1 50.7	552	213	11.4	- 39	+ 10	9.3	
11,070	26 4267	C 12882	988		42 46.43	6906	54	26 53 11.2	559	214	12.5	- 1	+ 12	9.0	
11,071	26 4266	C 12883			21 42 46.59	+2.6917	+0.0054	26 49 19.6	+16.559	+214	10.3	+ 3	+ 6	8.5	
11,072	29 4508	C 12885		42490	42 53.76	6435	61	29 41 6.6	565	210	10.1	+ 4	- 31	8.5	K 0
11,073	26 4268	C 12886	993		42 55.97	6852	55	27 14 0.3	567	213	10.7	+ 15	+ 32	8.7	K 0
11,074	30 4523	C 12888	1001		42 59.23	6329	64	30 18 18.6	569	209	11.6	+ 6	- 22	9.1	
11,075	25 4617	C 12889			43 3.72	7072	52	25 54 53.6	573	215	9.9	+ 25	+ 26	9.3	
11,076	27 4163	C 12892			21 43 17.82	+2.6788	+0.0057	27 40 29.8	+16.584	+212	9.5	- 22	- 9	8.5	K 2
11,077	28 4191	C 12894	1007	42509	43 21.95	6685	58	28 17 51.2	588	212	10.5	- 8	- 8	8.7	K 0
11,078	27 4164	C 12896	1008	42511	43 25.52	6711	58	28 9 26.3	591	212	11.1	+ 2	+ 14	8.5	A 2
11,079	30 4525	L 9128			43 36.77	6238	65	30 55 32.4	600	207	11.1	+ 3	+ 2	8.8	G 5
11,080	23 4397	B 8401			43 38.50	7380	46	24 3 47.0	601	216	10.6	+ 30	+ 31	8.2	F 5
11,081	24 4477	B 8402			21 43 39.25	+2.7320	+0.0047	24 26 56.8	+16.602	+216	13.5	+ 25	+ 4	8.8	K 2
11,082	27 4165	C 12897			43 39.58	6769	58	27 50 47.8	602	211	11.1	+ 25	+ 23	9.4	
11,083	28 4193	C 12898		42516	43 40.82	6642	58	28 36 11.5	603	211	10.9	+ 15	+ 12	8.5	A 2
11,084	28 4194	C 12899			43 41.52	6567	61	29 2 34.0	604	209	11.2	+ 4	+ 23	8.7	K 0
11,085	30 4527	L 9131	1016		43 44.64	6208	65	31 6 39.6	606	206	11.9	+ 1	- 4	8.1	B 8
11,086	29 4512	C 12902	1017	42520	21 43 50.43	+2.6526	+0.0062	29 18 32.6	+16.611	+209	10.4	+ 2	- 5	8.1	K 0
11,087	27 4166	C 12903	1019	42522	43 55.87	6711	58	28 13 45.0	615	212	10.9	- 14	- 17	8.5	A 5
11,088	28 4195	C 12904	1020	42525	43 57.62	6684	58	28 23 49.8	617	212	10.4	+ 44	+ 28	8.1	F 8
11,089	28 4196	C 12907			44 1.67	6599	60	28 54 38.0	620	210	11.1	- 40	+ 34	9.1	
11,090	23 4399	B 8406		42524	44 4.30	7392	46	24 2 48.7	622	216	8.5	0	+ 6	7.28	K 5
11,091	28 4197	C 12908			21 44 5.79	+2.6682	+0.0059	28 25 33.2	+16.624	+211	12.9	0	- 43	8.8	
11,092	24 4479	B 8407			44 11.68	7262	49	24 53 34.0	628	215	12.5	- 10	- 22	9.3	
11,093	29 4516	C 12914			44 28.43	6493	62	29 35 45.3	642	209	11.5	- 7	- 20	9.3	
11,094	28 4200	C 12915	1030	42543	44 31.75	6716	60	28 17 48.4	645	211	11.0	+ 14	+ 7	8.6	K 0
11,095	29 4518	C 12918			44 35.37	6477	62	29 42 36.7	648	209	11.1	+ 13	- 15	9.3	
11,096	30 4534	L 9136			21 44 41.67	+2.6309	+0.0066	30 41 33.7	+16.653	+206	12.7	+ 20	- 6	9.3	
11,097	26 4274	C 12919			44 47.77	6894	56	27 15 40.5	658	212	10.7	+ 7	+ 8	9.3	
11,098	25 4621	C 12920	1035		44 49.98	7213	51	25 17 27.5	659	214	9.1	+ 3	+ 3	7.96	F 0
11,099	25 4622	C 12922	1039		44 59.01	7089	53	26 5 16.4	667	213	10.5	+ 6	+ 13	9.1	A
11,100	25 4623	C 12924			45 13.62	7180	51	25 33 18.6	679	212	10.7	- 9	- 27	9.0	

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0	Precession	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.		
												R.A. ".0001.	Dec. ".001.				
11,101	29 4521	C 12927	1047		h m s	s	s	° ' "	"	"	10.1	+	5	-	1	9.3	Ma
11,102	30 4537	C 12929	1050		21 45 20.69	+2.6573	+0.0062	29 16 6.4	+16.684	+2.207	10.1	+	5	-	1	9.3	Ma
11,103	30 4538	C 12930	1052		45 25.97	6393	65	30 20 3.4	689	205	11.3	+	19	+	3	8.36	A 0
11,104	28 4203	C 12933			45 26.39	6393	65	30 20 20.2	689	205	13.4	+	31	+	1	9.7	F 8
11,105	29 4524	C 12934	1055		45 35.31	6697	62	28 34 25.2	696	209	10.3	+	10	+	9	8.7	F 8
11,106	27 4177	C 12935			45 38.41	6509	64	29 41 23.5	699	207	10.1	+	6	-	14	9.1	
11,107	28 4204	C 12936			21 45 43.65	+2.6893	+0.0057	27 24 40.1	+16.703	+2.210	10.9	-	4	-	17	9.3	
11,108	29 4525	C 12937	1063	42589	45 48.28	6756	60	28 15 4.6	707	209	11.3	+	6	+	27	9.3	
11,109	25 4626	C 12938	1060-1		45 51.73	6505	64	29 45 17.5	709	206	12.0	+	20*	-	27*	5.00	A 0
11,110	29 4526	C 12939	1072		45 54.24	7193	52	25 34 20.9	711	211	10.7	-	35	-	2	8.2	A 0
11,111	24 4483	C 12940	1069-71	42594	46 2.72	6578	63	29 21 15.2	718	206	10.0	-	25	-	5	8.2	
11,112	25 4627	C 12941	1070-3		21 46 6.73	+2.7261	+0.0052	25 10 32.7	+16.721	+2.210	9.1	+	17	-	3	7.26	F 5
11,113	31 4556	L 9148		42601	46 7.59	7214	52	25 28 24.0	722	212	10.1	+	59	-	8	8.4	
11,114	31 4557	L 9150			46 8.80	6222	69	31 25 38.3	723	204	9.0	+	18	-	6	7.30	K 0
11,115	30 4541	L 9151			46 23.68	6195	69	31 37 28.5	735	204	11.3		0	-	13	9.3	
11,116	24 4484	B 8427			46 24.79	6389	67	30 31 10.3	736	204	11.1	+	35	-	26	9.0	
11,117	28 4209	C 12947	1082	42611	21 46 29.12	+2.7360	+0.0050	24 35 35.0	+16.739	+2.212	11.1	-	10	+	4	8.7	
11,118	30 4542	L 9153			46 35.45	6761	61	28 20 47.8	745	208	10.9	-	32	-	20	8.0	G 5
11,119	30 4543	C 12949			46 36.79	6406	66	30 27 3.6	746	204	10.3	+	33	-	45	8.6	
11,120	28 4210	C 12951			46 48.64	6437	66	30 18 10.5	755	204	10.5	-	32	-	39	9.3	
11,121	30 4546	L 9161			47 0.04	6705	62	28 45 0.2	764	206	10.3	+	171	+	185	9.3	K 0
11,122	26 4283	C 12955	1101		21 47 9.45	+2.6281	+0.0069	31 15 58.7	+16.772	+2.203	9.8	-	18	-	10	9.3	
11,123	28 4212	C 12956			47 30.39	7113	56	26 18 55.9	788	209	8.7	-	7	-	39	8.0	F 8
11,124	24 4486	B 8432	1104		47 43.04	6765	63	28 30 17.4	799	205	9.1	-	26	-	112	9.0	F 8
11,125	31 4562	L 9164	1107-8	42655	47 43.42	7438	50	24 15 51.6	799	211	9.3	-	88	-	133	8.4	G 5
11,126	29 4533	C 12957			47 47.83	6260	70	31 29 24.6	802	202	8.9	+	11	-	6	7.49	K 2
11,127	24 4487	C 12958	1106		21 47 49.32	+2.6482	+0.0067	30 12 23.5	+16.803	+2.203	10.0	+	20	+	19	8.7	
11,128	27 4184	C 12960		42657	47 57.57	7315	52	25 5 54.6	810	210	10.5	+	8	-	4	9.0	K 0
11,129	29 4535	C 12961	1113	42660	48 5.94	6958	59	27 22 40.8	817	207	10.1	+	17	+	3	8.7	A 3
11,130	27 4185	C 12962			48 7.55	6566	65	29 46 5.4	818	203	10.1	+	28	-	19	8.4	B 9
11,131	26 4286	C 12963	1117		48 13.53	6941	59	27 30 18.0	823	206	10.7	-	28	+	15	9.3	
11,132	27 4186	C 12965			21 48 22.01	+2.7131	+0.0056	26 20 1.2	+16.829	+2.208	11.1	+	37		0	8.6	
11,133	28 4215	C 12966	1119	42667-8	48 24.10	6925	60	27 38 6.4	831	206	11.6	+	76	+	7	9.0	
11,134	24 4489	B 8438		42665	48 28.81	6807	62	28 22 18.6	835	205	9.8	-	45*	-	74*	5.62	F 5
11,135	24 4490	B 8439			48 31.59	7400	51	24 37 54.4	837	210	11.0	-	21	-	29	8.4	G 5
11,136	24 4491	B 8440		42669	48 36.36	7441	51	24 22 16.9	841	211	10.3	-	4	-	3	9.3	
11,137	26 4288	C 12968			21 48 37.26	+2.7433	+0.0050	24 25 28.9	+16.842	+2.210	11.3	-	1	+	18	8.6	G 5
11,138	26 4289	C 12969			48 46.58	7070	57	26 47 10.5	849	206	11.9	+	27	-	14	9.1	
11,139	25 4635	C 12970	1129	42679	48 51.28	7018	58	27 7 22.4	853	206	11.7	-	16	-	46	9.1	
11,140	30 4550	L 9174			48 57.97	7276	53	25 30 5.0	858	208	11.6	+	1*	+	1*	5.05	B 3
11,141	30 4551	C 12971			49 2.42	6460	69	30 32 28.9	861	201	12.9	-	43	-	36	9.1	
11,142	25 4636	C 12973		42685	21 49 2.91	+2.6491	+0.0068	30 21 45.0	+16.862	+2.201	12.3	+	31	-	32	8.4	
11,143	26 4292	C 12975			49 8.85	7306	54	25 20 7.5	866	210	11.9	+	7	-	6	8.46	K 5
11,144	31 4569	L 9179			49 13.16	7064	59	26 53 39.8	870	205	11.7	+	16		0	9.3	
11,145	24 4494	C 12978			49 15.85	6275	71	31 39 29.6	872	199	11.7					9.3	
11,146	24 4495	B 8446	1145		49 40.80	7338	54	25 12 13.6	892	207	10.9	+	12	+	18	9.3	
11,147	25 4637	C 12979			21 49 44.36	+2.7382	+0.0053	24 55 23.1	+16.894	+2.208	10.0	-	18	-	14	9.0	
11,148	27 4191	C 12981	1153	42712-3	49 48.91	7186	57	26 12 21.9	898	207	11.1					9.1	
11,149	24 4497	B 8447	1155	42714	49 53.25	6917	63	27 55 11.9	901	203	8.8	-	124	-	107	6.71	A 2
11,150	29 4539	C 12982			50 2.11	7378	53	24 59 46.7	908	207	9.7	+	20	+	18	8.2	K 0
					50 6.38	6635	67	29 41 1.5	912	201	9.4	+	47	-	14	9.0	

11,103. Number of observations 3.

11,108. Number of observations 48.

11,139. Number of observations 67.

11,150. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
11,151	29 4540	C 12983			h m s	s	s	o ' "	"	"					
11,152	29 4541	C 12985	1164	42728	21 50 7.26	+2.6656	+0.0067	29 33 19.8	+16.912	+201	10.6	+ 28	+ 61	9.1	
11,153	30 4554	L 9189			50 30.19	6626	68	29 48 13.4	930	200	9.6	- 9	- 5	8.4	K 0
11,154	31 4573	L 9193			50 35.79	6397	72	31 11 6.9	935	199	9.7	0	- 19	8.0	F 8
11,155	31 4574	L 9192		42741	50 46.18	6323	73	31 38 42.6	943	198	9.3	- 26	- 134	9.0	G 5
					50 46.70	6278	74	31 54 31.1	943	198	9.5	+ 161	- 250	7.6	K 0
11,156	28 4232	C 12988	1176	42745	21 50 55.51	+2.6783	+0.0065	28 55 23.2	+16.950	+201	9.7	- 7	- 3	8.4	K 2
11,157	30 4556	L 9197			50 56.25	6402	72	31 12 43.6	951	198	10.3	+ 6	+ 13	8.2	K 0
11,158	31 4577	L 9198		42748	50 57.55	6283	74	31 54 45.9	952	197	10.7	- 4	- 3	7.10	K 5
11,159	24 4498	B 8450			50 58.42	7406	53	24 57 8.7	952	206	9.0	+ 1	+ 16	9.3	
11,160		B 8451			51 0.25	7405	53	24 58 4.2	953	206	11.2	+ 24	+ 4	9.3	
11,161	31 4580	L 9200		42751	21 51 1.20	+2.6299	+0.0074	31 49 41.8	+16.954	+197	10.1	0	- 15	8.4	K 5
11,162	26 4300	C 12991			51 3.09	7189	58	26 22 51.2	956	204	11.3	+ 24	- 14	9.3	F 8
11,163	26 4303	C 12995			51 15.40	7195	58	26 22 22.0	965	204	10.7	+ 35	+ 12	9.1	F 8
11,164	25 4643	C 12998	1181	42754	51 20.92	7331	56	25 30 21.2	970	204	10.6	+ 34	+ 6	8.8	G 5
11,165	30 4557	L 9203			51 21.23	6499	70	30 42 36.1	970	198	11.4	- 12	- 13	9.0	
11,166	30 4558	C 13000	1189		21 51 25.40	+2.6553	+0.0070	30 24 5.5	+16.973	+198	10.1	+ 42	+ 14	7.96	K 0
11,167	26 4304	C 12999			51 25.63	7108	60	26 58 2.6	973	203	11.5	- 8	- 10	9.0	K 5
11,168	24 4502	B 8454	1187	42757	51 27.08	7469	53	24 36 39.7	974	206	10.1	+ 11	- 13	8.6	K 5
11,169	28 4235	C 13002			51 30.11	6813	66	28 49 58.6	977	201	11.4	+ 12	- 48	9.0	
11,170	28 4237	C 13007	1200	42766	51 43.99	6792	66	29 0 0.8	987	200	10.5	- 17	- 26	9.0	
11,171	25 4644	C 13008	1197		21 51 46.06	+2.7269	+0.0058	25 58 39.3	+16.989	+203	8.7	+ 21	- 26	8.6	G 5
11,172	28 4238	C 13013			51 52.16	6764	67	29 11 35.5	994	200	11.4	- 8	- 29	9.0	
11,173	30 4560	L 9211	1206	42828	51 52.26	6493	72	30 50 16.9	994	197	10.5	- 7	- 11	7.7	K 5
11,174	29 4543	C 13015			51 53.37	6600	70	30 11 52.5	995	197	10.7	+ 15	+ 25	9.3	
11,175	28 4239	C 13016	1207	42779	51 55.70	6801	66	28 58 36.0	997	200	10.3	- 13	- 29	8.6	
11,176	25 4648	C 13020	1214		21 52 14.21	+2.7273	+0.0058	26 1 14.6	+17.011	+203	10.5	+ 160	+ 18	9.0	
11,177	25 4647	C 13021	1215		52 14.45	7257	58	26 8 0.3	011	203	10.7	- 19	- 25	9.4	
11,178	25 4649	C 13022			52 15.67	7286	58	25 56 40.4	012	203	11.7	+ 2	+ 12	9.0	A
11,179	26 4310	C 13023			52 16.09	7107	60	27 6 16.2	012	202	11.3	+ 23	+ 4	9.0	
11,180	25 4650	C 13024	1221		52 26.28	7313	57	25 47 25.0	020	203	10.5	- 26	- 26	9.3	
11,181	31 4583	L 9218	1225		21 52 31.91	+2.6383	+0.0075	31 36 36.8	+17.025	+195	10.9	+ 19	+ 8	9.3	A 0
11,182	30 4562	C 13028			52 35.61	6579	71	30 26 58.1	027	197	11.5	+ 32	0	9.3	
11,183	24 4506	B 8465	1218		52 50.61	7466	55	24 50 22.8	039	204	9.2	+ 6	+ 20	8.01	K 5
11,184	28 4243	C 13030			52 55.73	6874	67	28 41 32.0	043	199	9.9	- 5	+ 2	9.1	
11,185	31 4586	L 9223	1235		52 57.89	6426	74	31 25 59.2	045	196	9.6	- 30	- 23	7.7	K 5
11,186	27 4210	C 13032	1234		21 53 2.97	+2.7055	+0.0063	27 33 55.7	+17.048	+200	10.1	- 18	0	8.4	G 5
11,187	26 4313	C 13034			53 8.70	7141	61	27 1 35.8	053	201	10.5	- 2	- 3	8.7	
11,188	27 4211	C 13036			53 9.18	7055	63	27 34 56.0	053	200	10.7	- 42	- 22	9.0	
11,189	28 4247	C 13037	1238	42835	53 9.95	6928	66	28 23 43.6	054	200	10.1	- 13	- 34	7.98	K 0
11,190	31 4590	L 9227	1247		53 23.38	6433	74	31 27 58.4	064	195	10.7	+ 32	+ 1	8.8	
11,191	28 4248	C 13039			21 53 27.02	+2.6918	+0.0067	28 30 27.3	+17.067	+198	11.2	+ 110	+ 41	8.6	
11,192	28 4249	C 13040		42849	53 27.16	6858	67	28 52 56.1	067	198	10.7	- 19	- 46	7.25	K 5
11,193	30 4568	L 9228			53 32.38	6558	73	30 44 45.9	071	196	11.3	- 0	+ 2	9.3	
11,194	28 4251	C 13042	1253	42852	53 35.85	6948	66	28 20 29.3	074	199	10.9	+ 10	- 13	7.9	A 0
11,195	27 4213	C 13045			53 43.02	7080	63	27 30 52.4	079	199	12.2	- 2	+ 13	9.3	
11,196	26 4315	C 13046			21 53 43.72	+2.7248	+0.0060	26 25 34.8	+17.080	+201	12.6	+ 10	- 45	9.3	
11,197	26 4316	C 13047	1255		53 45.91	7194	61	26 47 12.5	081	200	11.2	+ 36	- 15	8.8	G 5
11,198	24 4509	B 8470	1254	42855	53 45.95	7564	53	24 19 7.4	081	203	10.5	- 3	+ 17	8.4	A 0
11,199	28 4253	C 13048	1257		53 46.41	6965	67	28 15 44.6	082	199	11.7	+ 6	- 32	9.0	
11,200	28 4254	C 13049			53 49.05	6850	68	28 59 52.7	084	198	11.7	+ 21	+ 23	9.3	

11,159. Number of observations 4.

11,160, 11,173, 11,189, 11,195. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R. A. 5.0001.	Dec. 5.001.		
11,201	25 4652	C 13050			21 53 57.49	+2.7302	+0.0059	26 6 36.8	+17.090	+201	10.5	+ 10	0	8.6	K 5
11,202	25 4653	C 13058			54 25.06	7392	57	25 34 55.2	111	202	9.5	+ 16	+ 8	9.3	
11,203	26 4319	C 13059	1272-3		54 25.48	7181	62	26 58 48.1	111	199	9.5	+ 1	+ 5	8.7	A 2
11,204	30 4573	L 9237			54 28.57	6513	75	31 11 12.9	114	194	9.7	+ 15	+ 17	8.7	F 0
11,205	29 4550	C 13062	1278-9	42883-4-5	54 41.75	6811	70	29 23 32.0	124	196	8.46	- 295*	- 378*	6.83	F 5
11,206	30 4574	C 13063			21 54 46.50	+2.6653	+0.0073	30 23 27.4	+17.127	+194	9.3	+ 8	- 11	9.0	
11,207	29 4552	C 13065			54 52.34	6772	71	29 40 8.2	132	195	8.7	- 1	- 19	9.0	
11,208	27 4219	C 13070			55 9.41	7009	68	28 12 58.2	145	197	9.5	- 47	+ 4	8.6	
11,209	29 4554	C 13072	1288		55 11.02	6708	72	30 6 5.3	146	195	9.1	+ 14	+ 24	7.91	K 2
11,210	29 4556	C 13076	1297	42905-6	55 22.91	6821	71	29 27 12.4	155	195	8.7	+ 7	+ 10	8.2	K 2
11,211	27 4220	C 13077			21 55 32.57	+2.7098	+0.0065	27 42 33.7	+17.162	+196	9.7	- 14	+ 17	8.5	A 2
11,212	25 4655	C 13079			55 35.70	7358	61	26 0 8.5	164	198	9.1	- 20	- 36	9.3	
11,213	24 4515	B 8479	1305	42912	55 46.86	7529	57	24 52 23.1	173	199	9.3	+ 12	+ 10	8.8	A 0
11,214	25 4657	C 13082			55 49.71	7405	59	25 43 30.0	175	199	9.7	+ 13	+ 17	9.1	
11,215	26 4323	C 13085	1317	42921	56 0.50	7316	61	26 21 7.0	183	198	9.1	+ 12	+ 14	7.7	B 9
11,216	26 4324	C 13088	1320		21 56 11.06	+2.7268	+0.0062	26 41 50.9	+17.191	+197	9.3	- 17	+ 2	9.0	
11,217	27 4224	C 13089			56 11.79	7045	69	28 10 2.6	192	196	9.8	- 5	+ 22	8.6	
11,218	29 4560	C 13090			56 21.72	6852	71	29 25 42.8	199	194	9.7	+ 16	- 40	9.3	
11,219	25 4658	C 13093			56 33.26	7376	60	26 2 6.7	208	197	8.5	+ 9	+ 39	8.2	K 5
11,220	26 4327	C 13096			56 40.57	7214	65	27 8 39.1	213	196	9.9	- 16	+ 21	9.3	
11,221	30 4584	L 9266	1347	42947	21 56 45.92	+2.6609	+0.0077	31 1 5.4	+17.217	+191	9.2	- 33	- 37	7.04	F 0
11,222	27 4228	C 13097	1343-4		56 47.07	7145	66	27 36 55.0	218	195	9.2	+ 11	- 16	8.2	K 2
11,223	24 4518	C 13098			56 51.58	7510	58	25 10 22.9	221	198	9.7	- 21	+ 7	9.4	
11,224	30 4586	L 9267	1349	42952	56 55.08	6600	77	31 6 5.9	224	191	9.7	+ 6	- 8	7.49	A 0
11,225	30 4587	C 13102	1350		56 58.53	6728	75	30 19 21.3	227	191	9.5	- 2	+ 17	8.66	A 2
11,226	25 4661	C 13103			21 57 4.73	+2.7367	+0.0062	26 11 9.3	+17.231	+197	11.3	- 50	+ 10	10.6	
11,227	26 4328	C 13104	1351	42955	57 5.04	7336	62	26 23 50.2	231	197	9.1	- 10	+ 6	7.8	B 9
11,228	28 4269	C 13109			57 23.88	6957	71	28 56 34.9	245	193	10.7	- 31	- 13	9.0	
11,229	23 4448	B 8487	1361	42962	57 25.16	7673	55	24 7 51.4	246	198	10.1	+ 22	- 4	8.6	F 8
11,230	27 4234	C 13111			57 28.97	7192	66	27 25 33.2	249	195	11.0	- 1	- 16	9.3	
11,231	24 4521	B 8490			21 57 33.76	+2.7606	+0.0057	24 37 31.5	+17.253	+197	10.8	- 3	- 48	9.3	
11,232	25 4662	C 13113	1370	42972	57 36.28	7415	61	25 56 38.5	255	196	11.1	+ 8	+ 23	8.0	A 3
11,233	27 4235	C 13114			57 38.50	7137	67	27 49 11.2	256	194	10.3	- 15	+ 7	8.6	
11,234	28 4272	C 13121			58 10.98	7073	71	28 19 47.4	280	193	8.9	- 37	- 5	8.5	
11,235	24 4523	B 8494	1387		58 17.11	7664	57	24 20 0.1	285	197	9.7	+ 16	- 19	9.1	F
11,236	25 4663	C 13123	1393	42998	21 58 21.82	+2.7460	+0.0060	25 46 4.5	+17.288	+196	10.1	+ 67	- 4	9.3	K 0
11,237	28 4273	C 13124			58 23.96	6956	72	29 7 54.8	290	191	10.9	- 27	+ 6	9.3	
11,238	26 4337	C 13128			58 36.61	7246	66	27 15 31.4	299	194	10.9	+ 10	+ 3	9.7	
11,239	27 4241	C 13130		43015	58 42.32	7125	70	28 4 37.8	303	193	9.9	- 8	+ 12	8.8	K 2
11,240	26 4339	C 13132			58 46.31	7262	66	27 11 0.8	306	194	9.9			9.7	
11,241	29 4566	C 13133			21 58 47.89	+2.6803	+0.0076	30 10 59.9	+17.307	+189	10.2	+ 28	+ 8	9.0	
11,242	30 4591	C 13134	1408	43018	58 48.41	6779	76	30 20 12.2	308	189	9.5	+ 5	- 26	8.21	A 3
11,243	28 4274	C 13135	1409		58 52.15	6950	73	29 15 10.5	311	191	10.1	- 4	- 1	7.8	K 5
11,244	31 4613	L 9286			59 9.04	6615	79	31 25 48.1	323	188	9.5	+ 37	+ 35	9.0	
11,245	29 4568	C 13138		43047-8	59 12.15	6880	75	29 46 4.0	325	189	9.9	+ 19	+ 4	7.01	B 9
11,246	29 4569	C 13140	1420	43049	21 59 17.30	+2.6953	+0.0074	29 18 50.3	+17.329	+190	10.3	- 1	- 2	7.7	K 5
11,247	30 4594	L 9287	1421		59 19.28	6759	77	30 33 34.8	330	188	9.7	- 3	- 5	8.2	A 0
11,248	29 4570	C 13142	1422-3	43050-1	59 21.84	6911	75	29 36 7.7	332	190	10.4	+ 2	- 4	7.39	B 9
11,249	25 4666	C 13143			59 30.08	7505	62	25 38 34.3	338	194	10.3	+ 21	+ 8	9.3	
11,250	26 4342	C 13144	1424	43029	59 30.12	7379	65	26 30 50.7	338	193	10.2	- 2	+ 48	8.6	K 0

11,203. Burnham 11,405.

11,236. Burnham 11,447.

11,221. Number of observations 6.

11,237. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2)	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001		
11,251	23 4456	B 8498			h m s	s	s	° ' "	"	"	11.1	+ 36	+ 4	9.3	
11,252	26 4343	C 13146			21 59 34.56	+2.7714	+0.0059	24 11 26.5	+17.342	+1.195	10.9	+ 15	+ 4	9.4	Mb
11,253	27 4243	C 13147	1438	43043	59 35.86	7340	65	26 47 54.0	343	192	10.9	+ 15	+ 4	7.7	K 2
11,254	30 4597	C 13149	1440		59 54.43	7182	70	27 54 45.3	356	191	10.6	+ 11	- 10	8.2	
11,255	25 4669	C 13152			59 57.01	6795	78	30 27 17.0	358	187	10.6	+ 11	- 10	8.2	
11,256	24 4525	C 13153	1447-9		22 0 22.37	7442	64	26 13 43.3	376	192	9.5	- 2	+ 22	9.4	
11,257	29 4573	C 13157		43067-8	22 0 24.28	+2.7587	+0.0061	25 13 20.0	+17.378	+1.193	10.8	- 2	- 7	7.11	A 0
11,258	25 4670	C 13156			0 32.87	6957	75	29 31 22.0	384	189	10.9	+ 9	+ 17	8.7	K 5
11,259	31 4617	L 9297	1470		0 33.94	7447	64	26 13 43.8	385	192	10.7	+ 5	0	9.2	
11,260	26 4346	C 13158			0 41.16	6633	82	31 36 55.5	390	185	10.6	+ 16	+ 1	8.8	G 5
11,261	30 4604	C 13160			0 41.16	7302	69	27 14 44.6	390	191	11.7	- 35	- 77	9.4	
11,262	28 4281	C 13162			22 0 48.08	+2.6838	+0.0078	30 20 29.2	+17.395	+1.186	11.7	+ 3	- 27	9.1	
11,263	24 4526	C 13167	1477-8		0 53.90	7010	75	29 14 32.4	399	189	11.1			9.8	
11,264	25 4671	C 13168		43081	1 2.52	7602	62	25 13 26.4	406	192	11.9	+ 18	+ 11	9.2	
11,265	29 4578	C 13169	1479-80		1 3.70	7458	65	26 14 8.1	407	192	10.7	+ 28*	+ 30*	5.93	K 0
11,266	27 4251	C 13174			1 5.61	6986	75	29 25 50.8	408	188	11.4	+ 26	- 29	8.7	G 5
11,267	28 4284	C 13175	1487	43107	22 1 22.16	+2.7258	+0.0070	27 40 9.4	+17.420	+1.189	11.9	+ 28	+ 21	9.4	
11,268	25 4672	C 13177	1490-4		1 29.96	7134	73	28 31 35.3	425	188	9.6	+ 24*	- 17*	5.58	A 0
11,269	29 4582	C 13178	1501-2		1 35.87	7609	62	25 16 4.2	430	191	11.5	- 17	- 27	9.4	
11,270	31 4627	L 9306			1 41.22	6997	75	29 28 8.1	434	187	10.7	- 51	- 24	7.7	Ma
11,271	27 4252	C 13179	1503	43110	1 42.66	6684	82	31 29 53.4	435	185	11.6	- 20	+ 5	9.2	
11,272	24 4529	B 8520	1510	43114	22 1 47.82	+2.7289	+0.0069	27 32 1.4	+17.438	+1.188	11.2	+ 42	- 209	8.1	G 0
11,273	30 4612	L 9311	1515		2 1.49	7690	61	24 45 53.0	448	191	11.9	+ 12	- 8	8.9	
11,274	26 4348	C 13182		43123	2 11.57	6826	80	30 40 53.7	455	184	11.5	- 25	+ 8	8.7	K 0
11,275	24 4531	B 8521	1514	43122	2 12.65	7450	66	26 29 55.9	456	190	11.8	+ 8	- 39	8.7	F 5
11,276	29 4585	C 13184			2 14.96	7702	61	24 42 46.5	458	190	10.3	+ 12	+ 1	7.9	B 9
11,277	29 4584	C 13185			22 2 28.65	+2.6919	+0.0078	30 8 0.2	+17.468	+1.184	12.5	- 22	+ 14	8.71	F 0
11,278	30 4614	C 13187			2 29.29	7037	76	29 21 36.4	468	186	12.6	- 12	- 27	9.4	
11,279	28 4289	C 13186		43136	2 31.71	6866	79	30 29 25.4	470	184	11.1	+ 9	- 6	8.1	K 5
11,280	27 4255	C 13188			2 32.20	7125	75	28 46 38.9	470	186	12.5	- 10	+ 16	8.8	
11,281	25 4675	C 13191	1530		2 38.40	7261	72	27 52 45.2	475	187	12.1	- 30	- 1	8.3	K 0
11,282	24 4532	B 8526	1532	43138	22 2 47.50	+2.7618	+0.0063	25 24 51.0	+17.482	+1.190	12.5	+ 1	+ 0	8.9	
11,283	24 4533	B 8525		43137	2 48.78	7717	61	24 42 18.8	482	190	11.9	+ 44	+ 14	8.9	
11,284	25 4676	C 13192	1534	43144	2 49.22	7689	61	24 54 19.2	482	190	11.0	+ 220*	+ 18*	3.96	F 5
11,285	31 4634	L 9316	1538		2 50.90	7510	66	26 11 0.8	484	189	11.9	- 9	+ 30	7.9	K 0
11,286	27 4256	C 13193			2 51.58	6658	85	31 53 20.2	484	182	12.7	+ 18	+ 1	9.4	A 2
11,287	26 4350	C 13194			22 2 55.79	+2.7324	+0.0070	27 29 47.9	+17.487	+1.187	12.1	+ 31	+ 47	8.9	
11,288	29 4586	C 13196	1543	43160	2 56.31	7453	67	26 36 4.4	487	188	11.3	+ 4	- 3	8.7	
11,289	26 4351	C 13200			3 4.12	6976	78	29 52 42.5	493	184	10.8	+ 6	- 23	7.41	K 0
11,290	27 4258	C 13203			3 12.47	7365	70	27 15 53.8	499	187	12.7	+ 24	- 24	8.8	
11,291	24 4536	C 13202			3 18.39	7261	73	28 0 7.0	503	186	12.5	+ 23	+ 2	9.2	
11,292	28 4293	C 13204			22 3 19.83	+2.7661	+0.0064	25 11 48.7	+17.504	+1.189	11.5	+ 21	+ 32	8.26	A 2
11,293	24 4537	B 8531	1552	43166	3 22.92	7187	75	28 31 22.6	506	185	13.3	+ 40	- 30	9.1	
11,294	27 4260	C 13207			3 28.84	7750	61	24 34 35.5	511	189	10.5	+ 9	- 8	8.6	F 2
11,295	25 4677	C 13206			3 31.06	7292	72	27 49 38.3	512	186	12.5	- 3	- 58	9.1	
11,296	31 4636	L 9325	3-4		3 31.96	7565	66	25 55 14.0	513	187	11.9	- 5	- 15	8.9	
11,297	26 4352	C 13211	I	43184	22 3 50.30	+2.6735	+0.0084	31 35 27.0	+17.526	+1.181	10.7	+ 5	- 48	9.1	
11,298	27 4262	C 13213			3 54.27	7482	68	26 34 24.0	529	186	10.6	+ 7	+ 8	8.8	
11,299	28 4295	C 13214	6-7	43193-4	4 0.35	7302	73	27 50 46.8	533	185	9.9	+ 17	- 28	8.7	
11,300	24 4540	C 13215	12	43195-6	4 0.37	7097	78	29 14 38.6	533	184	9.0	+ 12	- 22	8.0	A 0
					4 7.88	7693	63	25 6 14.1	538	188	9.3	- 37	- 32	6.03	F 0

11,254, 11,263, 11,265, 11,298. Number of observations 6.

11,283. Number of observations 55.

11,291. Burnham 11,507.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910-0	Precession.	Sec. Var.	Dec. 1910-0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
11,301	27 4263	C 13216			h m s	s	s	° ' "	"	"					
11,302	28 4297	C 13218			22 4 15.41	+2.7344	+0.0071	27 36 18.1	+17.543	+185	10.5	+ 3	+ 28	9.4	
11,303	26 4354	C 13217			4 19.43	7246	74	28 17 41.8	546	185	10.9	- 39	- 2	9.4	
11,304	27 4265	C 13219			4 20.06	7423	69	27 4 1.3	547	186	10.1	+ 1	- 9	9.2	
11,305	28 4299	C 13221			4 30.38	7336	72	27 42 19.6	554	185	9.6	+ 4	+ 39	8.8	
11,306	27 4268	C 13224			4 40.56	7176	77	28 50 30.7	561	183	10.6	- 20	+ 12	9.4	
11,307	27 4270	C 13227			22 4 58.37	+2.7339	+0.0073	27 46 8.7	+17.574	+184	8.9	+ 25	- 25	9.4	
11,308	26 4356	C 13226			5 9.71	7364	73	27 38 15.6	582	184	10.5	- 20	- 39	9.4	
11,309	26 4358	C 13231			5 9.85	7432	71	27 9 16.4	582	185	10.6	- 20	+ 4	9.1	
11,310	31 4642	L 9330	45		5 20.71	7553	68	26 19 36.0	589	185	9.4	+ 15	- 4	9.2	
11,311	29 4595	C 13232	43-4		5 23.19	6760	85	31 44 47.6	591	179	8.9	+ 29	+ 7	8.2	K o
11,312	27 4271	C 13234			22 5 23.42	+2.7011	+0.0082	30 5 47.4	+17.591	+180	10.1	- 27	+ 29	9.1	
11,313	30 4619	L 9335			5 32.81	7335	74	27 54 21.9	598	183	10.8	- 3	+ 9	9.4	
11,314	23 4476	B 8545	66		5 36.09	6845	84	31 14 21.3	600	180	10.4	+ 47	- 6	9.4	
11,315	31 4644	L 9339	77		5 52.77	7867	61	24 7 28.6	612	187	9.9	- 32	- 34	8.9	
11,316	24 4545	B 8546		43269	6 5.67	6759	87	31 54 0.5	621	178	10.4	+ 60	+ 1	7.9	K o
11,317	31 4645	L 9341	83		6 11.86	+2.7770	+0.0065	24 54 5.9	+17.625	+185	8.9	+ 2	- 15	8.3	A o
11,318	27 4275	C 13238	78		6 15.57	6773	87	31 50 43.0	628	178	8.8	+ 15	- 10	7.33	M b
11,319	30 4622	L 9342			6 15.97	7383	74	27 42 24.7	628	182	9.8	- 19	+ 18	8.7	
11,320	28 4304	C 13239			6 22.42	6870	85	31 13 56.0	632	179	10.3	+ 30	- 13	9.2	
11,321	30 4623	C 13242	87-8	43282	6 24.35	7261	77	28 35 12.3	634	181	10.3	+ 5	+ 8	8.9	
11,322	25 4683	C 13243			22 6 25.95	+2.7002	+0.0082	30 22 11.6	+17.635	+179	9.9	- 58	- 93	8.01	F 5
11,323	28 4305	C 13244			6 28.29	7608	68	26 8 4.1	636	184	10.3	- 1	+ 12	9.1	
11,324	25 4684	C 13246	96	43295	6 32.79	7246	77	28 43 24.9	639	181	10.3	- 26	- 14	9.0	
11,325	23 4482	B 8552		43292	6 35.03	7719	66	25 22 16.7	648	185	10.8	+ 36	- 16	8.7	
11,326	29 4604	C 13248	98-9	43302	6 45.84	7898	61	24 2 40.5	648	186	10.3	+ 59	+ 7	8.8	G 5
11,327	28 4307	C 13250			6 47.72	+2.7051	+0.0082	30 6 36.2	+17.650	+179	9.5	+ 37	- 2	6.38	A 5
11,328	26 4361	C 13252			6 50.41	7185	80	29 11 57.9	652	181	9.6	- 4	- 3	8.7	K 2
11,329	29 4605	C 13254			6 53.14	7518	72	26 51 38.3	653	182	11.5	+ 7	- 32	9.3	
11,330	26 4362	C 13253			6 57.45	7078	82	29 57 27.2	657	180	11.3	- 29	- 9	9.1	
11,331					6 57.77	7499	71	27 0 56.0	657	182	9.7	+ 13	+ 19	9.2	
11,332	26 4363	C 13255			22 7 0.08	+2.7079	+0.0082	29 57 33.0	+17.658	+180	12.5			9.5	
11,333	27 4276	C 13257	106	43308	7 0.19	7551	71	26 38 50.9	658	182	10.9	+ 36	+ 6	8.9	
11,334	24 4546	B 8553	108	43307	7 7.28	7464	72	27 17 35.5	663	182	11.1	- 5	- 4	7.07	A o
11,335	28 4309	C 13258		43314	7 11.47	7868	63	24 20 20.7	666	185	11.5	- 26	- 9	8.7	
11,336	27 4279	C 13260	112		7 17.33	7254	78	28 48 39.7	670	180	10.8	+ 20	- 13	7.44	A 2
11,337	27 4278	C 13261			22 7 24.76	+2.7360	+0.0076	28 5 33.1	+17.675	+181	12.2	- 22	- 17	8.7	F 5
11,338	31 4647	L 9349	118-9		7 24.92	7392	76	27 52 3.1	675	181	12.5	- 26	+ 24	8.7	
11,339	26 4365	C 13262			7 26.07	6841	87	31 38 31.0	676	177	11.5	+ 50	+ 8	7.8	F o
11,340	25 4686	C 13263	114		7 26.73	7540	72	26 48 52.2	677	182	11.6	+ 7	- 14	8.5	K o
11,341	26 4366	C 13264			7 29.81	7696	67	25 40 55.3	679	182	12.3	+ 19	- 15	8.5	
11,342	31 4649	L 9351	122		22 7 30.97	+2.7501	+0.0073	27 6 15.8	+17.680	+181	11.9	+ 4	+ 12	9.1	
11,343	25 4689	C 13267	1247	43326	7 36.64	6888	87	31 22 4.0	684	177	11.7	+ 40	+ 18	9.4	G 5
11,344	24 4548	B 8557		43331	7 49.83	7716	68	25 35 22.2	693	182	10.4	+ 18	- 4	8.1	A o
11,345	28 4312	C 13269			7 56.94	7864	64	24 30 21.7	697	183	9.8	+ 1	- 5	6.14	K o
11,346	24 4550	C 13271	134		7 58.81	7301	78	28 37 9.5	699	179	11.5	+ 181	+ 114	8.7	
11,347	26 4371	C 13272	136		22 8 12.11	+2.7799	+0.0066	25 2 20.0	+17.708	+182	9.0	+ 38	+ 22	8.5	K o
11,348	26 4373	C 13276			8 13.10	7567	72	26 45 27.7	708	181	9.8	+ 4	- 7	8.7	
11,349	29 4607	C 13277	145		8 27.73	7612	71	26 28 24.8	719	181	9.1	+ 13	+ 16	8.9	
11,350	28 4316	C 13279			8 32.83	7153	82	29 45 52.2	722	178	8.7	+ 32	+ 1	8.3	F 5
					8 47.08	7264	80	29 2 15.6	732	178	9.9	+ 5	+ 11	9.4	

11,306, 11,329, 11,331, 11,338. Number of observations 4.

11,326. Number of observations 6.

11,349. Burnham 11,566.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ^{0.0001.}	Dec. ^{0.001.}		
11,351	29 4608	C 13280			h m s	s	s	° ' "	"	"	10.7	+ 13	+ 35	9.4	
11,352	30 4641	C 13281			22 8 50.46	+2.7139	+0.0084	29 55 16.7	+17.734	+0.177	10.5	+ 5	- 24	9.4	
11,353	30 4644	C 13284	152		8 51.87	7061	85	30 27 57.2	735	177	10.7	+ 49	- 116	8.9	K 0
11,354	25 4691	C 13283	149	43372-3	8 59.91	7057	87	30 30 58.0	740	176	9.3	- 44	- 144	6.79	G 5
11,355	26 4378	C 13285			9 1.61	7758	68	25 29 55.3	742	181	11.7	- 19	+ 2	9.8	
11,356	26 4379	C 13286	154		9 3.45	7595	73	26 42 48.5	743	179	9.6	- 9	- 40	7.18	F 5
11,357	29 4609	C 13287			22 9 4.89	+2.7574	+0.0074	26 52 27.2	+17.744	+0.179	11.9	+ 7	+ 16	8.7	A 2
11,358	28 4318	C 13288			9 7.54	7235	81	29 18 57.5	746	178	11.6	+ 16	- 3	8.7	A 2
11,359	30 4647	C 13289			9 8.51	7311	79	28 46 55.6	746	177	10.8	- 6	- 24	9.1	
11,360	30 4650	L 9367	163		9 10.72	7082	85	30 22 58.7	748	176	10.3	+ 31	- 2	7.86	K 2
11,361	30 4651	L 9368	168		9 18.66	7005	87	30 56 11.9	753	175	10.7	+ 38	- 18	8.3	K 0
11,362	31 4654	L 9369			22 9 30.51	+2.6974	+0.0089	31 11 34.0	+17.761	+0.175	11.5	- 43	+ 13	9.4	K 2
11,363	27 4280	C 13292	167	43390-1	9 30.57	6905	90	31 39 10.9	761	174	10.4	+ 34*	- 2*	6.01	K 2
11,364	26 4382	C 13294			9 31.12	7408	77	28 9 43.7	761	178	11.7	+ 61	+ 7	9.2	
11,365	29 4611	C 13296	171		9 37.91	7615	73	26 40 37.4	766	179	11.4	+ 23	+ 15	9.01	A 0
11,366	31 4656	L 9371			9 42.84	7131	84	30 9 27.9	769	175	11.5	- 21	- 12	9.4	
11,367	31 4662	L 9376	178		22 9 44.05	+2.6893	+0.0090	31 47 1.4	+17.770	+0.174	10.2	+ 40	- 4	8.7	A 2
11,368	30 4652	L 9377	180		9 56.53	6942	89	31 29 46.0	779	174	11.3	+ 1	+ 3	8.9	A 2
11,369	28 4325	C 13301	179	43404	10 2.45	7025	88	30 57 18.4	783	174	9.2	+ 42	+ 14	8.5	A 2
11,370	27 4284	C 13302			10 4.07	7336	80	28 47 23.5	784	176	11.1	+ 21	+ 5	9.1	
11,371	28 4326	C 13303	183		10 9.43	7463	78	27 53 36.2	787	177	10.8	+ 15	0	9.2	
11,372	26 4385	C 13304			22 10 22.30	+2.7349	+0.0080	28 45 23.7	+17.796	+0.175	10.7	+ 24	+ 1	9.1	
11,373	28 4327	C 13305	187-8	43420-1	10 25.64	7646	73	26 35 53.9	798	178	11.7	+ 38	- 48	7.10	F 5
11,374					10 28.34	7300	82	29 7 34.7	800	176	8.8	+ 38	- 48		
11,375					10 28.33	7300	82	29 7 34.1	800	176	11.7	+ 38	- 48		
11,376	30 4655	C 13306	192		10 28.43	7300	82	29 7 34.5	800	176	11.0	- 5	+ 20	9.2	
11,377	30 4657	L 9382	197	43425	22 10 29.74	+2.7130	+0.0087	30 19 51.0	+17.801	+0.174	10.2	+ 6	- 2	8.2	A 2
11,378	27 4285	C 13308			10 32.45	7018	89	31 6 37.3	803	174	9.7	+ 27	+ 3	8.7	F 5
11,379	28 4330	C 13309	204		10 49.99	7448	79	28 8 22.0	815	176	9.7	+ 16	+ 16	9.2	
11,380	30 4660	L 9387			10 55.88	7340	82	28 56 1.9	818	174	8.8	+ 15	+ 8	8.8	
11,381	26 4390	C 13316			11 16.57	7126	88	30 31 30.4	833	173	11.7	+ 38	- 48	9.1	
11,382	25 4696	C 13318	211		22 11 21.68	+2.7680	+0.0073	26 31 49.0	+17.836	+0.176	8.9	- 23	0	8.8	
11,383	28 4334	C 13319	216		11 25.41	7843	70	25 18 4.9	838	178	10.0	- 5	+ 9	9.1	
11,384	27 4286	C 13321			11 27.62	7345	82	29 0 37.0	840	175	9.5	- 25	+ 7	10.2	
11,385	24 4563	B 8578	220		11 32.22	7571	77	27 22 20.8	843	175	10.5	- 143	- 85	9.8	
11,386	30 4662	L 9393	221-2	43474	11 43.89	7956	66	24 28 54.1	850	178	10.2	+ 28	+ 5	8.06	A 0
11,387	30 4663	L 9395	225		22 11 45.29	+2.7091	+0.0090	30 51 59.1	+17.851	+0.172	10.9	+ 47	+ 15	8.9	
11,388	23 4496	B 8579		43473	11 50.19	7079	90	30 58 14.4	855	172	11.2	- 14	- 21	8.8	
11,389	23 4497	B 8580		43475	11 53.62	8010	65	24 5 24.6	857	178	11.1	- 15	+ 22	8.7	
11,390	25 4700	C 13325	231		11 54.79	8017	65	24 2 21.9	858	178	10.3	- 38	- 8	8.7	G 5
11,391	29 4621	C 13326	233	43487	12 9.34	7793	71	25 49 23.0	867	176	10.2	- 1	- 25	7.9	F 8
11,392	27 4288	C 13329	236	43497	22 12 10.21	+2.7283	+0.0085	29 35 59.5	+17.868	+0.173	9.6	0	+ 6	6.43	K 0
11,393	28 4337	C 13331	240	43506-8	12 21.04	7596	77	27 21 19.4	875	175	10.1	+ 124	+ 18	6.75	G 5
11,394	27 4289	C 13332			12 32.83	7416	83	28 43 25.3	883	172	10.7	+ 13	+ 27	9.4	
11,395	23 4500	B 8585			12 33.57	7593	77	27 25 2.3	883	174	9.7	- 16	+ 50	9.5	
11,396	29 4625	C 13334	243	43516	12 41.24	8028	66	24 5 32.8	888	177	9.6	- 14	+ 6	7.59	B 8
11,397	26 4394	C 13335	245		22 12 42.13	+2.7293	+0.0086	29 38 32.9	+17.889	+0.172	10.1	+ 11	+ 17	9.4	G 0
11,398	29 4626	C 13336			12 48.12	7637	76	27 8 15.0	893	174	9.6	+ 72	+ 25	8.2	A 3
11,399	24 4567	B 8589	252	43522	12 53.88	7267	87	29 52 26.3	897	172	11.3	- 7	+ 4	8.8	
11,400	31 4671	L 9405			13 7.85	8004	67	24 21 41.9	906	176	10.7	+ 18	+ 26	9.4	
					13 8.13	7020	93	31 39 30.7	906	169					

11,357, 11,370, 11,377. Number of observations 6.
11,373, 11,375. Number of observations 1.

11,368. Burnham 11,593.
11,374. Observed as one mass. Number of observations 4.

11,373, 11,375. These stars form the pair Σ 2881, magnitudes 7.7 and 8.2.
11,390. Σ 2889.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
11,401	27 4290	C 13339	254		h m s	s	s	° ' "	"	"					
11,402	25 4705	C 13340		43524	22 13 12.43	+2.7579	+0.0079	27 39 29.1	+17.909	+0.172	11.3	- 14	- 14	9.1	K o
11,403	31 4672	L 9407	257		13 14.08	7805	73	25 56 11.7	910	174	10.8	+ 14	+ 14	7.34	G 5
11,404	30 4668	L 9408	259		13 21.21	7001	94	31 50 25.4	914	169	11.1	- 7	+ 12	8.7	
11,405	30 4669	C 13343			13 33.44	7137	91	30 56 6.0	922	169	9.8	+ 16	+ 17	8.7	A 2
11,406	26 4399	C 13344	258	43534	13 34.98	7217	89	30 22 37.5	924	169	11.0	- 19	- 9	8.96	
11,407	26 4398	C 13345			22 13 37.44	+2.7744	+0.0075	26 29 11.6	+17.925	+0.174	9.4	- 14	- 17	6.80	K 5
11,408	30 4670	L 9410			13 38.42	7674	78	27 1 19.6	926	173	11.2	+ 31	+ 35	9.4	
11,409	30 4671	L 9411	263		13 42.46	7161	90	30 48 11.2	928	169	10.9	0	- 15	8.7	
11,410	26 4400	C 13347			13 46.48	7130	91	31 2 24.1	931	170	11.4	+ 40	- 4	8.8	
11,411	29 4632	C 13348			13 48.54	7735	75	26 35 30.8	932	173	12.1	- 35	+ 36	9.4	
11,412	24 4570	C 13351			22 13 49.11	+2.7256	+0.0088	30 8 56.1	+17.933	+0.169	11.4	- 8	0	9.31	A
11,413	26 4402	C 13352	270		14 5.95	7941	70	25 2 41.6	944	174	10.0	+ 38	+ 4	9.1	
11,414	28 4346	C 13353	275	43550-2	14 9.58	7740	76	26 37 21.8	946	172	10.9	- 17	- 138	8.7	G o
11,415	24 4571	B 8594	277	43551	14 17.21	7523	82	28 17 30.4	951	171	9.8	- 4	- 23	8.1	A 2
11,416	25 4709	C 13357	279	43556	14 22.53	8010	69	24 32 58.4	954	173	9.3	- 9	- 23	8.5	A o
11,417	24 4574	B 8597	286		22 14 33.24	+2.7917	+0.0071	25 19 23.0	+17.961	+0.173	9.2	+ 21	- 13	7.61	A 3
11,418	23 4508	B 8598			14 47.75	8024	69	24 31 7.9	971	173	9.5	- 39	- 66	9.8	
11,419	26 4404	C 13359	288	43568	14 48.42	8064	68	24 12 0.4	971	174	9.1	+ 19	+ 20	9.4	
11,420	28 4348	C 13360	289	43569-70	14 57.91	7682	79	27 13 51.9	977	171	9.2	- 7	- 15	8.0	A 3
11,421	27 4294	C 13361			14 58.75	7529	83	28 23 44.6	978	170	9.3	+ 46	+ 41	7.11	F 8
11,422	27 4295	C 13365			22 15 1.96	+2.7546	+0.0082	28 16 33.3	+17.980	+0.170	10.0	+ 28	- 2	9.4	
11,423	24 4576	C 13366	299-300	43590	15 38.77	7621	82	27 50 18.5	18.004	169	10.1	- 44	+ 18	9.2	A o
11,424	28 4350	C 13368	303	43591	15 42.19	7952	72	25 16 21.1	006	171	9.3	- 7	- 43	7.61	K 2
11,425	30 4681	L 9426	306-7		15 44.77	7549	84	28 24 23.8	007	169	10.4	+ 14	+ 8	8.8	K o
11,426	30 4682	L 9428			15 57.64	7246	92	30 41 47.5	016	166	10.1	- 15	+ 16	8.9	K o
11,427	28 4351	C 13372		43605	22 16 0.87	+2.7210	+0.0093	30 58 1.9	+18.018	+0.166	11.1	+ 86	- 20	9.2	
11,428	28 4353	C 13374			16 4.53	7471	86	29 3 57.8	020	168	10.4	+ 69	+ 24	8.7	F 5
11,429	29 4638	C 13376	308		16 10.43	7509	85	28 48 53.2	024	167	11.5	- 26	- 2	9.4	F 5
11,430	31 4680	L 9430	310		16 10.85	7377	89	29 47 11.8	024	167	11.7	- 18	+ 3	9.4	A o
11,431	23 4513	B 8605			16 14.47	7102	96	31 47 22.8	026	165	12.1	+ 19	+ 7	9.4	
11,432	26 4408	C 13377			22 16 14.56	+2.8111	+0.0068	24 5 25.9	+18.027	+0.172	11.3	+ 3	- 33	8.7	
11,433	29 4639	C 13380			16 22.82	7742	79	27 3 35.0	032	169	11.4	- 3	- 117	9.2	
11,434	24 4580	B 8607	314	43620	16 30.25	7422	88	29 31 16.2	036	166	12.1	- 14	+ 6	9.4	K o
11,435	27 4298	C 13381			16 31.86	8067	70	24 30 14.3	038	170	9.0	- 7	- 9	8.3	K o
11,436	26 4410	C 13382	324	43632	16 33.46	7661	82	27 43 55.5	039	168	10.9	+ 13	+ 14	9.4	
11,437	30 4685	L 9434	326-7	43635	22 16 49.16	+2.7828	+0.0078	26 28 55.9	+18.048	+0.169	9.2	+ 2	+ 21	6.50	Ma
11,438	24 4582	B 8608			16 56.07	7254	94	30 51 26.3	053	165	9.1	- 5	- 15	7.65	K o
11,439	27 4299	C 13384	329	43639-40	17 2.77	8020	73	24 59 37.1	057	169	8.7	- 64	+ 1	8.7	G o
11,440	27 4300	C 13386	338		17 9.92	7659	84	27 52 37.1	062	167	12.5	+ 4*	- 2*	4.88	B 8
11,441	29 4644	C 13388	345		17 35.25	7681	83	27 47 26.9	078	167	10.1	+ 1	+ 3	9.4	F 5
11,442	29 4645	C 13391	354-5	43686	22 18 9.73	+2.7413	+0.0092	29 57 59.6	+18.099	+0.164	8.2	+ 7	- 19	8.8	A o
11,443	26 4415	C 13392			18 25.51	7429	92	29 54 11.2	109	163	8.5	+ 22	- 9	7.61	G o
11,444	30 4695	C 13393	357	43693	18 32.84	7896	78	26 17 57.9	114	166	9.5	+ 13	- 8	9.1	
11,445	24 4585	B 8616			18 33.00	7381	94	30 17 27.8	114	163	8.4	+ 27	+ 10	8.01	K 2
11,446		C 13395			18 34.35	8080	73	24 48 0.7	115	167	9.1	- 57	- 85	8.9	G o
11,447	26 4417	C 13396			22 18 53.77	+2.7717	+0.0084	27 47 38.0	+18.127	+0.164	13.1			9.4	
11,448	29 4646	C 13397			18 56.34	7860	80	26 39 53.0	128	165	8.7	+ 1	+ 9	8.7	G 5
11,449	30 4698	L 9450			19 8.82	7476	91	29 42 54.3	136	162	10.1	+ 8	- 3	9.1	K o
11,450	28 4363	C 13399	368	43726-7	19 13.93	7301	97	31 2 45.5	139	162	9.8	- 26	- 44	8.1	A 2
					19 14.07	7562	88	29 4 31.9	139	163	9.8	- 1	- 6	8.6	F o

11,413, 11,420, 11,440. Number of observations 6.
11,427. Burnham 11,650.

11,425. Number of observations 4.
11,439. Number of observations 39.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "001.	Dec. "001.		
11,451	29 4648	C 13404	375-6	43733	22 19 30.74	+2.7451	+0.0093	29 59 10.8	+18.150	+0.162	10.0	- 20	- 11	8.8	K 5
11,452	29 4647	C 13403			19 30.85	7515	91	29 30 9.1	150	162	11.0	- 12	+ 14	9.4	F 5
11,453	25 4720	C 13406	374-7		19 34.32	8014	76	25 32 52.9	152	165	10.9	- 6	- 14	9.1	
11,454	25 4721	C 13407			19 38.51	7928	79	26 16 23.5	155	165	11.9	+ 4	+ 17	9.8	
11,455	26 4420	C 13408	378		19 40.32	7851	82	26 53 58.1	156	165	9.4	+ 2	- 63	8.7	G 0
11,456	24 4587	B 8624	379		22 19 44.19	+2.8133	+0.0073	24 35 52.4	+18.158	+0.165	10.4	- 13	- 18	8.8	
11,457	30 4703	L 9453			19 49.78	7352	96	30 48 20.7	162	161	8.6	+ 3	- 3	7.46	Mb
11,458	27 4310	C 13412			19 50.65	7686	87	28 15 6.5	162	163	11.1	+ 43	+ 24	9.8	
11,459	26 4423	C 13414			20 1.00	7880	81	26 44 34.5	169	164	12.5	+ 13	+ 66	9.4	
11,460	26 4424	C 13415			20 10.26	7831	83	27 10 2.4	174	164	12.1	+ 18	+ 43	9.2	
11,461	27 4311	C 13417			22 20 20.22	+2.7778	+0.0085	27 37 46.3	+18.180	+0.163	12.6	+ 34	+ 29	9.5	
11,462	25 4723	C 13418	391	43763	20 24.82	7950	80	26 15 33.1	183	164	11.9	- 19	+ 2	8.7	G 0
11,463	29 4652	C 13420	393		20 26.84	7484	93	29 57 1.0	184	161	11.8	+ 27	0	9.2	A 0
11,464	31 4689	L 9458	395		20 32.96	7215	102	31 59 31.8	188	159	10.5	- 8	+ 31	8.1	K 2
11,465	27 4315	C 13422	396	43792	20 39.02	7711	88	28 13 46.7	192	163	9.3	- 22	- 24	8.3	K 0
11,466	25 4726	C 13424	403	43782	22 20 50.78	+2.7974	+0.0080	26 9 17.1	+18.199	+0.164	8.5	- 24	- 24	8.8	A 0
11,467	26 4428	C 13427			20 56.71	7900	82	26 47 0.6	203	163	9.1	- 21	- 12	8.6	G 5
11,468	26 4429	C 13428			21 1.06	7850	84	27 11 59.3	205	162	9.9	- 11	+ 5	9.2	K 0
11,469	26 4430	C 13433			21 28.70	7872	84	27 7 18.0	222	162	9.3	+ 4	+ 22	8.9	K 0
11,470	29 4659	C 13435			21 45.84	7513	95	30 2 16.6	233	158	9.7	- 40	+ 21	9.1	F
11,471	25 4730	C 13437	420	43820	22 21 51.28	+2.8079	+0.0078	25 28 12.1	+18.236	+0.162	8.6	- 9	- 18	7.11	A 0
11,472		C 13438			21 54.98	7696	91	28 38 28.4	238	159	9.9			9.4	
11,473	27 4317	C 13439	425		21 56.81	7769	88	28 3 36.6	239	160	8.2	- 30	+ 14	7.27	K 0
11,474	28 4369	C 13440			22 2.78	7687	91	28 44 35.5	243	159	10.0	- 21	- 8	9.4	G 5
11,475	25 4732	C 13442	429-30		22 13.17	8107	78	25 20 2.2	249	161	8.8	+ 1	+ 3	8.46	K 0
11,476	30 4710	C 13446	440		22 22 22.48	+2.7474	+0.0097	30 29 22.8	+18.255	+0.157	9.0	+ 43	- 2	8.5	K 0
11,477	27 4319	C 13447	439		22 24.80	7875	85	27 18 15.4	256	160	9.3	+ 11	+ 9	9.1	K 0
11,478	25 4733	C 13448	443		22 28.83	8028	80	26 3 29.5	259	162	9.4	- 45	+ 0	8.7	A 2
11,479	26 4433	C 13449	428		22 40.93	7990	82	26 25 12.8	266	160	9.9	+ 11	- 37	9.2	K 0
11,480	29 4663	C 13450			22 44.85	7541	96	30 3 27.6	268	157	10.0	- 4	+ 12	9.1	
11,481	28 4372	C 13451			22 22 47.34	+2.7714	+0.0091	28 41 37.3	+18.270	+0.159	10.2	- 18	- 30	9.1	K 0
11,482	30 4711	C 13452	450	43858	22 53.20	7488	98	30 29 55.7	273	156	8.9	- 2	- 31	7.61	K 2
11,483	29 4667	C 13454		43860	22 58.44	7520	97	30 16 34.0	276	156	8.6	+ 22	- 18	8.51	K 5
11,484	27 4321	C 13456			23 5.18	7839	87	27 45 26.3	280	158	10.3	+ 65	+ 40	9.5	
11,485	30 4712	C 13458			23 9.70	7500	98	30 28 30.8	283	156	11.9	+ 8	- 24	9.4	K 0
11,486	31 4700	L 9484			22 23 11.05	+2.7362	+0.0102	31 32 39.6	+18.284	+0.155	11.5			9.4	
11,487	28 4375	C 13460			23 22.95	7721	92	28 46 44.6	291	158	11.1	- 16	+ 1	9.4	A 3
11,488	27 4323	C 13461			23 23.73	7845	87	27 46 44.1	291	158	10.1	- 2	- 98	8.7	F 8
11,489	28 4376	C 13462	462		23 28.86	7663	94	29 16 38.2	294	158	11.3	+ 7	- 24	9.4	
11,490	30 4713	L 9489			23 32.01	7416	101	31 12 47.3	296	155	11.4	+ 3	- 2	9.4	
11,491	31 4701	L 9493	465	43882-4	22 23 38.85	+2.7398	+0.0102	31 22 48.7	+18.300	+0.155	8.6	+ 46	+ 59	6.26	K 2
11,492	28 4378	C 13465	476-7		23 56.16	7680	95	29 14 34.3	311	157	10.0	+ 19	+ 14	8.7	A 2
11,493	24 4593	B 8645	474	43890	23 58.05	8257	76	24 24 38.3	312	160	9.8	- 11	- 20	7.52	K 0
11,494	26 4437	C 13466	478	43893	23 58.88	8007	83	26 33 36.1	312	158	9.9	- 26	- 22	6.60	K 0
11,495	24 4594	B 8646	475	43891	23 59.12	8267	76	24 19 58.1	312	160	9.6	+ 4	+ 4	6.71	B 9
11,496	27 4325	C 13468			22 24 21.72	+2.7883	+0.0088	27 41 3.6	+18.326	+0.156	10.5	+ 8	- 14	9.2	
11,497	30 4718	L 9496			24 25.70	7483	102	30 55 9.1	328	155	10.1	- 51	- 51	9.4	
11,498	26 4438	C 13470			24 30.16	7940	86	27 14 50.2	331	157	10.5	- 17	+ 1	9.4	
11,499	25 4741	C 13469	484	43908	24 30.24	8056	84	26 15 57.3	331	158	9.1	+ 28	- 9	8.7	G 0
11,500	29 4672	C 13473			24 34.60	7606	97	29 59 7.8	333	155	10.0	- 13	- 69	8.7	F 8

11,462, 11,474, 11,482, 11,485. Number of observations, 6.

11,492. Burnham 11,742.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 8.001.		
11,501	30 4719	L 9499			h m s	s	s	° ' "	"	"	11.1	+ 21	+ 8	9.1	
11,502		C 13474			22 24 41.48	+2.7455	+0.0103	31 12 21.7	+18.337	+154	11.1				
11,503	29 4673	C 13476			24 41.69	7930	88	27 22 28.5	338	157	13.5			9.4	
11,504	29 4674	C 13477	495	43926-7-8	24 47.56	7588	99	30 11 4.7	341	154	10.0	+ 6	+ 23	8.81	K 0
11,505	28 4381	C 13479	497	43930-1	24 53.53	7697	95	29 20 7.3	345	156	9.8	- 21	+ 13	8.1	K 0
					24 57.13	7793	92	28 34 7.2	347	155	9.9	+ 19	+ 25	7.30	K 0
11,506	26 4439	C 13478	496	43925	22 24 57.14	+2.8063	+0.0084	26 18 10.0	+18.347	+158	9.5	+ 18*	- 18*	5.96	K 2
11,507	26 4440	C 13482			25 7.44	7990	86	26 58 4.0	353	157	10.9	+ 14	+ 2	8.5	F 0
11,508	30 4722	L 9504			25 12.00	7466	103	31 14 33.8	355	153	12.3	+ 6	+ 3	8.3	A 2
11,509	31 4705	L 9505			25 13.65	7448	104	31 23 41.0	356	153	11.6	+ 64	+ 40	8.3	
11,510	27 4328	C 13484	502		25 17.73	7888	89	27 51 46.5	359	155	11.1	+ 5	- 21	9.4	
11,511	29 4677	C 13487	504	43950-1	22 25 23.06	+2.7688	+0.0096	29 31 42.3	+18.362	+154	11.6	+ 7	- 11	7.84	A 3
11,512	31 4707	L 9511			25 46.87	7424	105	31 43 20.1	376	151	10.7	- 1	- 3	8.7	K 5
11,513	25 4747	C 13492	508-9	43965	25 47.06	8180	81	25 28 46.6	376	156	11.1	+ 94	+ 9	8.7	F 8
11,514	24 4598	B 8656			25 51.35	8257	79	24 49 15.2	378	156	10.3	- 3	- 2	8.9	
11,515	30 4726	L 9513	515	43979-80	26 0.05	7555	102	30 45 17.2	383	152	10.3	- 11	- 10	6.60	A 0
11,516	31 4711	L 9516	521		22 26 10.92	+2.7461	+0.0105	31 31 59.3	+18.390	+150	10.7	+ 14	+ 11	9.1	
11,517	27 4331	C 13497		43986-7	26 14.50	7901	91	27 58 56.3	392	153	10.2	+ 7	- 34	8.1	F 8
11,518	27 4332	C 13498		43996.7	26 31.57	7944	90	27 41 17.7	402	153	9.3	+ 19	- 15	8.7	F 0
11,519	27 4333	C 13499			26 32.78	7900	92	28 3 52.7	402	154	9.5	- 47	- 13	9.4	
11,520	28 4387	C 13500	537		26 58.78	7792	96	29 3 50.0	417	152	8.3	+ 30	+ 47	9.2	K 5
11,521	25 4752	C 13501			22 27 7.15	+2.8176	+0.0083	25 48 42.3	+18.422	+154	9.3	+ 4	+ 18	8.7	K 2
11,522	27 4336	C 13503			27 14.58	7982	90	27 32 2.7	426	152	10.0	- 2	- 8	8.8	K 2
11,523	31 4715	L 9520			27 16.72	7507	106	31 27 18.0	428	150	9.8	+ 13	- 13	8.9	
11,524	26 4450	C 13504			27 18.39	8082	87	26 41 5.4	429	153	10.3	+ 16	+ 20	9.4	
11,525	31 4716	L 9522	542		27 19.73	7516	106	31 23 53.4	429	150	9.0	+ 25	- 28	8.3	F 5
11,526	28 4389	C 13505	543	44026-7-8	22 27 23.89	+2.7803	+0.0096	29 4 52.0	+18.432	+153	8.8	- 24	- 18	6.32	A 5
11,527	29 4681	C 13506	545		27 25.30	7678	100	30 6 48.4	433	151	9.6	+ 15	- 3	8.91	K 0
11,528	29 4682	C 13507			27 31.72	7697	100	29 59 23.9	436	151	10.9	- 29	- 26	9.4	
11,529	29 4683	C 13508			27 37.01	7726	99	29 46 22.5	439	151	11.3	- 30	- 93	9.4	
11,530	31 4718	L 9527			27 44.75	7465	108	31 54 43.8	444	148	10.7	+ 23	- 13	9.4	
11,531	28 4390	C 13513			22 27 46.27	+2.7800	+0.0098	29 11 49.3	+18.445	+152	11.7	- 46	- 15	9.8	
11,532	26 4451	C 13511	553	44041	27 46.62	8085	88	26 46 23.4	445	152	10.5	+ 23	0	8.5	F 2
11,533	30 4729	C 13514			27 48.28	7661	103	30 21 9.2	446	150	10.8	- 29	+ 8	9.1	
11,534	25 4754	C 13515			27 52.23	8154	87	26 11 1.3	448	153	10.8	- 10	+ 12	9.1	F 2
11,535	24 4602	C 13517	560	44049	28 6.99	8284	81	25 4 55.9	456	153	10.9	+ 29	+ 3	8.2	K 2
11,536	24 4603	C 13518	562	44051	22 28 8.38	+2.8279	+0.0082	25 7 34.2	+18.457	+153	9.2	+ 2	+ 33	8.2	
11,537	26 4453	C 13519	565	44056	28 13.18	8110	88	26 39 6.4	460	152	11.1	- 19	+ 10	8.7	A 2
11,538	28 4393	C 13520	567		28 16.30	7865	96	28 46 18.7	462	150	11.3	+ 37	- 102	9.4	
11,539	25 4759	C 13521			28 31.25	8198	86	25 56 45.5	470	152	11.3	+ 11	+ 6	8.6	F 5
11,540	23 4560	B 8669			28 32.84	8396	78	24 9 18.7	471	153	11.5	+ 18	+ 18	8.9	
11,541	24 4604	C 13523	574	44061	22 28 38.59	+2.8283	+0.0083	25 12 39.5	+18.474	+152	11.2	- 2	+ 4	8.66	K 0
11,542	28 4396	C 13524	577		28 41.29	7878	97	28 46 20.7	476	150	11.1	+ 66	0	8.9	F 2
11,543	27 4338	C 13526			28 42.59	7963	94	28 2 52.5	477	150	11.9	- 17	- 2	9.4	
11,544	30 4732	L 9539	583	44081	28 59.54	7627	106	30 56 32.6	486	147	9.9	+ 69	- 77	7.9	G 5
11,545	24 4606	B 8673			29 1.02	8382	80	24 23 28.8	487	152	10.1	+ 22	- 14	9.4	
11,546	31 4723	L 9540			22 29 6.69	+2.7561	+0.0108	31 30 29.7	+18.490	+147	12.3	- 4	- 12	9.1	
11,547	25 4762	C 13530			29 11.47	8264	84	25 30 36.6	493	151	12.0	+ 8	- 5	8.9	A 0
11,548	27 4339	C 13531			29 21.61	8047	92	27 28 51.6	499	150	12.7	+ 10	- 24	9.4	
11,549	30 4733	L 9544	590	44095	29 24.74	7655	105	30 49 16.1	500	147	10.6	+ 17	- 57	7.82	G 0
11,550	24 4608	B 8674	586		29 26.14	8365	81	24 38 23.6	501	151	11.7	- 2	+ 6	8.7	K 0

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
11,551	28 4398	C 13532		44093	22 29 26.36	+2.7858	+0.0099	29 7 35.7	+18.501	+1.149	12.6	+ 22	- 16	8.3	K o
11,552	27 4340	C 13533			29 28.52	8068	091	27 19 24.3	503	150	12.4	- 8	+ 8	9.2	
11,553	30 4735	L 9545			29 31.02	7624	106	31 5 57.6	504	147	11.0	+ 21	+ 8	8.7	
11,554	27 4342	C 13536			29 33.35	7972	095	28 10 36.5	505	149	13.6	+ 23	+ 14	9.4	
11,555	27 4343	C 13537			29 35.64	8007	093	27 52 37.0	506	149	11.7	- 57	+ 6	8.9	A 2
11,556	28 4399	C 13539	596		22 29 39.25	+2.7918	+0.0097	28 40 14.1	+18.509	+1.148	12.5	+ 21	+ 18	9.2	F 8
11,557	30 4737	L 9547			29 41.05	7625	108	31 8 25.8	510	147	11.9	- 17	+ 0	9.1	
11,558	28 4401	C 13540		44094-110	29 49.12	7852	099	29 16 42.6	514	148	10.7	+ 1	+ 3	8.1	K o
11,559	29 4693	C 13541			29 58.05	7813	102	29 39 9.4	519	147	11.5	- 1	- 2	9.4	
11,560	28 4403	C 13543			29 59.41	7949	097	28 29 11.7	520	148	10.4			8.8	K 5
11,561	30 4739	L 9549			22 30 0.65	+2.7677	+0.0106	30 47 51.4	+18.520	+1.145	12.5	- 21	- 28	9.1	
11,562	25 4767	C 13545	603	44121	30 8.27	8243	087	25 55 16.2	525	149	10.4	+ 28	+ 13	8.6	F 8
11,563	25 4768	C 13547	608	44137	30 22.17	8226	088	26 7 59.1	533	150	9.9	- 21	- 3	7.26	K 2
11,564	28 4405	C 13548	610-1	44141	30 26.04	7872	100	29 16 13.8	535	147	11.7	- 10	- 10	8.5	F 2
11,565	30 4742	L 9557			30 33.79	7641	109	31 14 39.1	539	146	11.8	- 15	+ 12	9.4	
11,566	30 4741	L 9556			22 30 33.92	+2.7664	+0.0108	31 3 1.5	+18.539	+1.146	12.3	- 4	- 17	9.1	
11,567	31 4728	L 9558			30 34.64	7575	111	31 47 14.7	539	145	12.7	+ 101	+ 23	9.4	
11,568	28 4406	C 13551	616		30 34.97	7894	100	29 6 51.4	540	147	12.5	- 9	- 8	9.2	G 5
11,569	29 4699	C 13552	618-20	44146	30 36.34	7851	101	29 29 32.8	540	147	10.6	- 24	+ 22	7.26	K 2
11,570	28 4407	C 13553			30 39.16	7909	099	29 0 0.2	542	147	11.7	- 4	- 2	8.8	K o
11,571	30 4743	L 9559		44149	22 30 42.21	+2.7674	+0.0108	31 0 28.6	+18.544	+1.146	11.5	+ 10	- 6	8.7	A 2
11,572	27 4346	C 13554			30 42.37	8068	093	27 37 25.8	544	147	12.9	- 8	+ 19	9.4	
11,573	30 4744	C 13555		44151	30 51.91	7759	106	30 20 18.1	549	144	11.1	+ 29	- 12	7.56	K 2
11,574	26 4459	C 13557			30 54.57	8113	092	27 16 40.2	550	147	12.5	+ 2	- 12	9.1	
11,575	29 4700	C 13558			30 56.80	7833	102	29 44 7.7	552	146	12.0	- 7	- 50	8.2	F 8
11,576	31 4731	L 9561			22 30 57.95	+2.7622	+0.0110	31 30 40.1	+18.552	+1.144	12.8	+ 5	- 8	9.1	
11,577	24 4615	C 13560		44153	31 0.51	8341	084	25 13 57.4	554	148	13.1	- 17	- 8	8.92	F 5
11,578	30 4746	C 13562			31 2.32	7754	106	30 25 51.3	555	144	13.1	- 11	+ 8	9.4	
11,579	25 4771	C 13561	629		31 3.41	8305	085	25 34 20.2	555	148	12.3	- 9	+ 3	8.7	F 8
11,580	29 4701	C 13564	632-3		31 8.85	7871	101	29 27 50.0	558	146	12.2	+ 2	- 3	8.6	F o
11,581	24 4617	B 8680	640	44164	22 31 24.73	+2.8378	+0.0084	24 58 44.9	+18.567	+1.148	10.2	- 13	+ 36	7.96	K o
11,582	31 4732	L 9566			31 30.56	7605	112	31 47 53.7	570	143	10.7	+ 21	+ 8	9.1	
11,583	29 4705	C 13568	643-4		31 31.36	7862	103	29 38 12.0	571	145	9.9	- 42	- 4	8.5	F 5
11,584	28 4409	C 13567			31 31.54	7996	098	28 28 12.3	571	146	10.5	- 31	- 40	9.2	
11,585	26 4462	C 13569			31 35.78	8177	092	26 52 33.3	573	147	11.7	+ 26	- 32	9.4	
11,586	28 4411	C 13570	658	44191	22 32 3.95	+2.7920	+0.0101	29 16 46.3	+18.588	+1.145	9.4	- 6	- 14	8.1	K o
11,587	26 4463	C 13571	659-60	44190	32 7.24	8215	091	26 39 20.2	590	146	8.5	+ 11	- 9	7.30	F o
11,588	25 4774	C 13573	665		32 19.55	8279	089	26 7 1.3	597	145	10.5	+ 4	- 8	8.7	K o
11,589	25 4775	C 13574			32 21.20	8306	087	25 52 21.6	598	145	11.4	- 74	+ 36	9.4	
11,590	27 4351	C 13575	668-9		32 24.08	8150	093	27 19 2.5	599	145	9.6	+ 24	+ 12	7.10	K o
11,591	27 4353	C 13577			22 32 28.70	+2.8063	+0.0097	28 7 45.9	+18.602	+1.144	10.7	- 27	- 74	8.9	
11,592	29 4708	C 13578			32 30.61	7887	103	29 41 9.6	603	143	11.3	- 4	+ 20	9.1	
11,593	30 4751	C 13579			32 32.64	7817	106	30 17 51.5	604	142	11.6	- 3	+ 12	9.8	
11,594	30 4752	C 13581		44212	32 34.39	7814	106	30 19 30.3	605	142	9.1	- 20	- 12	7.61	A o
11,595	30 4753	L 9581	677		32 35.32	7745	110	30 55 2.3	606	142	10.2	- 1	- 20	8.3	K o
11,596	26 4465	C 13582			22 32 40.23	+2.8173	+0.0094	27 10 34.8	+18.608	+1.145	11.9	+ 51	+ 24	9.4	
11,597	28 4415	C 13583	683	44214-5	32 44.13	7941	102	29 16 18.3	610	144	9.0	- 4	+ 8	8.1	G 5
11,598	29 4710	C 13585	689		32 51.88	7847	106	30 7 24.3	615	142	11.3	- 4	- 9	8.76	A 2
11,599	27 4356	C 13584			32 51.98	8098	097	27 54 37.4	615	144	10.6	+ 7	+ 14	8.8	A 3
11,600	25 4776	C 13586			32 56.85	8278	090	26 16 44.7	617	145	11.1	- 20	- 5	9.2	

11,551. Number of observations 7.

11,554, 11,565, 11,572, 11,589. Number of observations 6.

11,566. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type
												R.A. "0001.	Dec. "001.		
11,601	25 4777	C 13587	691-703		h m s	s	s	o ' "	"	"					
11,602	26 4466	C 13589	694-5	44234	22 33 10.42	+2.8380	+0.0087	25 22 30.0	+18.625	+1.145	11.9	- 8	- 3	8.66	F 5
11,603	26 4467	C 13590	700-1		33 20.63	8215	093	26 58 17.8	630	144	10.6	+ 31	+ 35	8.1	F 8
11,604	27 4360	C 13591			33 23.40	8206	093	27 3 25.4	632	144	11.8	- 6	+ 25	8.9	
11,605	25 4779	C 13592	717		33 25.22	8165	095	27 26 38.1	632	144	12.3	+ 39	+ 7	8.9	
11,606	28 4418	C 13594			33 30.94	8328	087	25 57 15.3	636	143	11.2	- 2	0	8.1	K 0
11,607	28 4419	C 13595	706		22 33 33.43	+2.8068	+0.0099	28 21 38.9	+18.637	+1.142	12.7	+ 31	- 17	9.4	
11,608	25 4780	C 13593			33 34.28	8032	100	28 41 14.7	637	142	12.6	- 2	+ 10	9.4	
11,609	29 4715	C 13596	713-4	44258-62-3	33 34.50	8366	087	25 36 57.0	637	143	11.9	+ 56	+ 29	9.1	
11,610	26 4468	C 13597			33 43.23	7950	104	29 27 24.4	642	142	9.9	+ 30	- 5	7.38	K 0
11,611	24 4623	B 8696			33 47.43	8251	093	26 45 0.4	644	143	12.1	- 27	- 33	9.4	
11,612	31 4742	L 9588	720		22 33 53.50	+2.8481	+0.0083	24 35 24.6	+18.648	+1.144	12.1	- 17	- 33	9.1	
11,613	29 4717	C 13599			33 54.52	7688	114	31 46 30.4	648	140	11.0	+ 102	+ 14	7.9	K 5
11,614	28 4422	C 13600	725-6	44282-3	34 1.28	7893	106	30 2 44.6	652	140	13.1	- 28	+ 111	9.1	
11,615	27 4362	C 13601	728		34 10.87	7988	103	29 14 38.6	657	142	9.1	+ 31	+ 7	8.3	F 2
11,616	26 4470	C 13604			34 14.51	8120	098	28 4 9.5	659	142	10.4	+ 11	- 6	8.6	K 0
11,617	28 4424	C 13605	731-2	44294-5-6	22 34 25.47	+2.8217	+0.0095	27 13 47.3	+18.665	+1.142	13.4	+ 7	+ 1	9.4	
11,618	29 4718	C 13608			34 28.48	7997	103	29 14 35.8	666	141	8.1	+ 32	- 16	7.9	A 0
11,619	29 4719	C 13607	733	44298	34 28.90	7907	106	30 2 30.4	667	140	12.5	+ 44	- 3	9.1	
11,620	24 4630	B 8698	737	44297	34 31.40	7984	104	29 22 24.6	668	141	11.5	+ 4	- 5	8.7	
11,621	26 4471	C 13608	739		34 36.57	8523	083	24 21 35.6	671	143	11.9	- 13	- 5	9.2	
11,622	29 4720	C 13609			22 34 38.44	+2.8256	+0.0095	26 55 15.4	+18.672	+1.142	11.7	- 15	+ 1	9.1	
11,623	28 4425	C 13610			34 39.50	7937	106	29 50 8.0	672	140	9.9	- 17	- 29	8.2	K 5
11,624	27 4365	C 13611			34 45.08	8054	102	28 48 36.8	675	141	13.7	- 4	- 61	9.4	
11,625	28 4426	C 13613			34 47.16	8176	097	27 42 3.6	676	141	12.1	+ 7	+ 9	8.7	
11,626	30 4759	L 9591			34 52.14	8102	102	28 23 57.1	679	141	12.0	+ 37	- 5	9.8	
11,627	28 4428	C 13616	748-9		22 34 56.54	+2.7850	+0.0110	30 40 38.1	+18.681	+1.139	11.0	- 20	+ 3	8.7	
11,628	25 4783	C 13619			34 59.09	8046	103	28 56 24.7	683	140	10.1	- 13	+ 25	8.7	F 0
11,629	25 4785	C 13620			35 9.34	8412	088	25 33 40.9	688	141	12.9	+ 10	+ 6	9.1	
11,630	27 4371	C 13621			35 17.61	8395	090	25 45 38.2	692	141	11.2	+ 6	- 64	9.1	
11,631	29 4723	C 13623			35 22.16	8171	099	27 53 56.4	695	140	11.7	- 13	+ 5	9.2	
11,632	30 4761	L 9598	761		22 35 29.80	+2.7955	+0.0107	29 54 16.8	+18.699	+1.139	11.5	- 6	+ 3	9.4	
11,633	30 4762	C 13625			35 31.50	7869	111	30 40 37.4	700	137	8.9	- 13	+ 17	8.01	K 2
11,634	25 4786	C 13624	766-7		35 39.17	7916	109	30 17 35.1	704	137	11.2	- 25	+ 25	8.8	
11,635	30 4763	L 9602			35 39.63	8439	089	25 25 49.2	704	141	11.3	+ 11	+ 47	9.5	
11,636	30 4765	C 13627			35 43.75	7835	113	31 1 44.0	706	137	11.6	- 13	0	8.9	
11,637	28 4430	C 13628			22 35 58.69	+2.7924	+0.0110	30 19 5.8	+18.714	+1.137	8.7	- 48	- 80	8.71	F 8
11,638	31 4757	L 9607	783	44357	36 3.46	8134	102	28 26 9.4	716	139	9.9	- 38	+ 31	8.9	
11,639	27 4376	C 13629	788	44358-9	36 8.51	7816	114	31 19 7.2	719	138	8.9	+ 77	+ 6	8.0	G 0
11,640	30 4767	L 9609	792		36 12.96	8212	099	27 44 36.7	721	139	10.0	- 51	- 62	8.0	F 0
11,641	25 4787	C 13631	794-5-6	44367	36 17.19	7874	112	30 51 1.0	724	137	10.3	- 18	0	8.3	K 2
11,642	29 4726	C 13632			22 36 24.54	+2.8373	+0.0093	26 16 5.6	+18.727	+1.139	9.7	+ 18	- 8	8.1	Ma
11,643	31 4758	L 9612	806		36 30.45	8029	106	29 31 22.5	730	137	11.3	- 34	- 12	8.8	F 8
11,644	24 4636	B 8711	805	44379	36 30.88	8029	106	29 31 24.1	731	137	6.6, 8.2	- 34	- 12	8.7	F 8
11,645	29 4729	C 13633			36 37.63	7831	115	31 19 24.6	734	137	10.6	- 17	+ 24	8.7	F 8
11,646	29 4731	C 13634			36 43.23	8536	087	24 44 27.8	737	140	9.8	- 38	- 3	7.29	F 0
11,647	28 4435	C 13635			22 36 56.51	+2.8024	+0.0108	29 41 25.5	+18.744	+1.137	9.1	+ 16	+ 12	8.7	
11,648	27 4380	C 13636			37 2.27	8000	109	29 55 56.1	747	136	10.4	+ 24	- 63	8.9	
11,649	31 4760	L 9616			37 2.74	8120	104	28 50 0.9	747	137	12.2	+ 15	+ 1	9.4	
11,650					37 6.48	8184	102	28 15 18.3	749	137	12.3	+ 56	+ 11	9.2	
					37 12.65	7804	117	31 44 15.7	752	135	11.1	- 19	- 5	8.5	G 5

11,602. Burnham 11,851. 11,614. Burnham 11,861. 11,623. Number of Observations 1. 11,643. Number of observations 1 and 2. 11,625. Number of observations 4. 11,635, 11,648. Number of observations 6. 11,642, 11,643. These stars form the pair Σ 3134, magnitudes 9.0 and 9.3.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.	
												R.A. ^h . ^m . ^s	Dec. [°] . ['] . ["]			
11,651	} 29 4733	C 13638	813	44403	22 37 13.15	+2.8044	+0.0107	29 34 41.9	+18.752	+136	12.1	- 19	+ 30	} 8.8	K 5	
11,652		C 13639			37 14.60	8045	107	29 34 37.4	753	136	12.1	+ 12	+ 2			
11,653		C 13640			37 15.15	8409	093	26 7 35.4	753	138	12.5	- 16	0			9.4
11,654		C 13641			37 18.93	7947	111	30 29 43.4	755	136	11.0	+ 55	- 22			6.48
11,655		C 13644			37 27.18	8264	099	27 35 16.9	760	137	11.7	- 17	+ 14			8.8
11,656	28 4436	C 13646	822	44411-2	22 37 31.79	+2.8134	+0.0104	28 50 15.5	+18.762	+137	9.4	- 5*	- 35*	4.85	A 0	
11,657	30 4773	C 13647	832		37 36.74	7968	112	30 23 12.6	765	135	11.1	+ 41	+ 9	9.4	K 0	
11,658	30 4774	L 9624			37 56.01	7885	116	31 14 3.1	775	135	9.5	+ 105	- 197	8.9		
11,659	31 4765	L 9628			38 9.25	7869	117	31 26 30.4	781	135	9.4	+ 3	- 3	8.5		
11,660	26 4482	C 13650			38 12.35	8329	099	27 9 52.8	783	136	10.5	+ 119	+ 3	9.2		
11,661	28 4439	C 13652			848-50		22 38 21.19	+2.8115	+0.0107	29 14 52.4	+18.787	+135	10.9	- 61		- 39	8.9	G 5
11,662	28 4440	C 13655	38 36.03	8122			107	29 15 26.2	795	135	9.5	+ 6	- 23	9.2	B 9 Me G 0	
11,663	27 4388	C 13656	38 42.65	8307			101	27 31 2.8	798	135	8.9	+ 4	- 3	7.9		
11,664	27 4389	C 13658	38 43.62	8290			102	27 41 8.9	799	135	9.1	+ 43	+ 2	8.8		
11,665	29 4741	C 13660	852	44455-6-7			38 46.88	8074	109	29 45 1.3	800	134	11.8	+ 8*		- 35*	3.10
11,666	25 4795	C 13662	861	44471	22 39 12.88	+2.8543	+0.0091	25 18 45.2	+18.814	+136	10.4	- 7	+ 14	8.9		A 3 K 0
11,667	30 4782	L 9638	866	44480	39 14.21	7979	115	30 45 56.5	814	132	8.6	+ 8	+ 21	8.9		
11,668	25 4796	C 13663			39 14.93	8477	094	25 59 7.4	814	135	9.9	- 2	+ 33	8.9		
11,669	30 4784	L 9639			39 15.44	7935	117	31 10 50.9	815	133	10.9	- 23	+ 8	8.9		
11,670	30 4785	L 9641			39 19.60	7983	115	30 45 20.3	817	132	10.2	+ 12	+ 2	8.8		
11,671	29 4742	C 13664			864	44476	22 39 25.26	+2.8108	+0.0110	29 37 12.0	+18.820	+133	9.6	+ 190	+ 23	8.3	G 5
11,672	31 4771	L 9643	871		39 28.08	7878	119	31 45 24.6	821	132	9.7	- 20	+ 8	8.5	K 5	
11,673	26 4488	C 13665			39 33.38	8362	101	27 12 46.9	824	134	9.6	- 19	- 25	8.1	F 5	
11,674	28 4442	C 13668			39 35.87	8167	108	29 6 59.9	825	134	10.5	+ 14	- 47	8.3	F 5	
11,675	25 4799	C 13667			867	39 36.06	8465	096	26 12 10.4	825	134	10.1	- 24	- 8	8.9	K 0
11,676	28 4443	C 13669			872	44477	22 39 42.53	+2.8203	+0.0107	28 48 18.6	+18.828	+133	9.8	- 12	- 9	8.1	B 9
11,677	26 4489	C 13672	879	882-3	39 53.06	8380	101	27 7 30.3	834	134	9.8	- 8	- 16	8.3	K 2	
11,678	28 4444	C 13675	39 58.79		8176	109	29 8 17.0	836	133	10.2	- 5	- 2	8.8	Ma		
11,679	30 4788	L 9645	40 12.46		7984	117	31 1 11.6	843	130	9.9	- 18	- 38	9.1			
11,680	25 4802	C 13677	40 26.68		8486	096	26 13 29.2	850	133	9.7	- 5	+ 20	8.9			
11,681	29 4745	C 13678	905			22 40 31.12	+2.8121	+0.0111	29 49 11.9	+18.853	+131	10.6	+ 19	+ 9	9.2	K 0
11,682	30 4790	L 9647		40 32.88		8010	117	30 52 40.1	853	130	9.7	+ 7	+ 13	9.4		
11,683	25 4805	C 13681		41 11.43		8583	093	25 25 17.0	873	132	9.6	- 13	- 4	8.8		
11,684	27 4397	C 13682		41 11.94		8367	103	27 37 39.2	873	131	10.6	+ 21	+ 29	8.9		
11,685	27 4398	C 13683		41 12.99		8386	102	27 26 46.4	873	131	10.5	- 27	- 50	9.4		
11,686	29 4752	C 13684	907	44478	22 41 17.59	+2.8118	+0.0113	30 5 21.5	+18.875	+129	10.0	- 20	- 8	8.7	K 0	
11,687	29 4753	C 13685	41 22.51	8132	113	29 58 40.8	878	130	8.7	- 191	- 347	6.52				
11,688	28 4446	C 13687	41 29.42	8244	109	28 55 18.8	881	130	9.8	- 29	- 63	8.9				
11,689	26 4498	C 13692	41 47.82	8438	101	27 5 13.0	890	130	10.5	+ 28	+ 10	9.4				
11,690	29 4757	C 13693	41 48.78	8131	115	30 7 9.2	891	128	9.9	- 24	- 22	9.4				
11,691	26 4499	C 13694	918		22 41 52.79	+2.8510	+0.0099	26 22 23.3	+18.893	+131	9.5	- 6	- 30	8.3	A 2	
11,692	25 4808	C 13695			41 55.19	8597	094	25 28 44.5	894	131	11.1	- 150	- 19	9.4		
11,693	30 4797	C 13697			42 1.07	8106	116	30 25 25.4	897	128	10.9	+ 17	- 14	9.4		
11,694	30 4800	L 9658			42 14.48	8084	117	30 41 1.9	903	128	9.3	- 2	- 34	8.6		
11,695	30 4801	L 9659			42 22.97	8074	118	30 50 26.6	907	128	9.5	- 2	- 7	8.3		
11,696	25 4809	C 13698	924-5		22 42 24.65	+2.8604	+0.0095	25 32 39.3	+18.908	+130	9.5	- 32	- 2	8.26	K 2	
11,697	24 4654	C 13699			42 26.01	8643	093	25 8 9.8	909	130	9.9	- 52	- 16	9.11	K 0	
11,698	25 4810	C 13700			42 27.00	8625	094	25 19 45.6	909	130	9.8	- 8	- 29	7.86	A 0	
11,699	28 4450	C 13701			42 30.00	8239	111	29 16 31.1	911	128	10.6	- 5	- 20	9.4		
11,700	27 4405	C 13704			934	42 38.52	8368	107	28 2 43.6	915	129	10.4	+ 20	- 8	8.8	A 2

11,651, 11,652. Σ 2932, magnitudes 9.2 and 8.7.

11,661. Burnham 11,917.

11,665. Number of observations 32.

11,666, 11,681, 11,696. Number of observations 6.

11,688. Burnham 11,951.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
11,701	29 4763	C 13705	937-8		22 42 43.14	+2.8230	+0.113	29 26 6.8	+18.917	+1.128	10.5	+ 7	- 19	8.3	K 2
11,702	24 4657	B 8750	936		42 46.22	8701	091	24 36 18.8	919	130	12.1	- 19	- 15	8.9	
11,703	30 4802	L 9664			42 53.95	8061	120	31 7 16.7	922	126	11.8	- 21	- 13	9.4	
11,704	30 4803	L 9666			43 6.16	8126	118	30 33 47.0	928	126	9.6	+ 18	- 2	7.91	A 2
11,705	27 4407	C 13707			43 8.02	8407	105	27 47 6.1	929	128	9.6	+ 62	+ 38	8.8	
11,706	26 4502	C 13708			22 43 11.97	+2.8475	+0.102	27 6 31.2	+18.931	+1.128	11.2	+ 16	- 2	9.4	
11,707	30 4804	L 9668			43 15.51	8104	119	30 49 46.8	933	126	11.1	- 1	- 49	9.2	
11,708	31 4781	L 9670			43 21.40	8038	122	31 29 34.4	935	126	10.4	- 5	+ 13	9.1	
11,709	29 4767	C 13709	953	44617-8	43 29.45	8232	114	29 39 19.9	939	127	8.9	- 20	- 47	8.3	A 5
11,710	29 4771	C 13712	960		43 48.08	8191	117	30 9 2.7	948	125	8.9	+ 22	- 24	8.16	K 5
11,711	25 4815	C 13713	957-8-9	44623	22 43 51.58	+2.8652	+0.096	25 26 6.3	+18.950	+1.128	8.7	+ 17	+ 22	8.46	F 2
11,712	30 4808	L 9676			44 6.02	8101	122	31 7 36.8	957	125	10.5	- 21	- 141	8.6	F 8
11,713	30 4809	L 9678	971	44643	44 13.52	8157	119	30 37 30.7	960	124	10.2	0	- 23	7.26	B 9
11,714	27 4413	C 13715	969	44641	44 13.58	8453	106	27 38 50.3	960	127	10.7	- 55	- 27	8.2	G 0
11,715	24 4665	B 8758			44 14.15	8713	093	24 53 13.6	960	128	11.1	+ 7	+ 5	9.4	
11,716	27 4414	C 13716	972		22 44 16.30	+2.8395	+0.108	28 15 8.4	+18.962	+1.126	10.9	- 88	- 154	8.7	G 0
11,717	25 4818	C 13718	975-6-7	44650	44 26.22	8658	096	25 31 45.9	966	127	10.4	- 6	+ 1	8.1	G 5
11,718	31 4784	L 9681			44 33.45	8049	125	31 46 24.4	970	124	10.4	+ 65	+ 43	9.1	
11,719	26 4507	C 13724			44 47.21	8541	103	26 52 55.2	976	126	10.0	+ 2	- 14	9.1	Mb
11,720	25 4820	C 13726	988-9		44 53.74	8624	099	26 2 15.5	979	127	9.6	+ 10	+ 20	8.10	A 2
11,721	30 4815	C 13728			22 45 4.20	+2.8214	+0.119	30 19 37.0	+18.984	+1.123	10.9	+ 9	- 6	8.7	
11,722	24 4668	B 8761			45 10.86	8771	093	24 30 32.8	987	126	11.4	+ 5	- 13	8.9	
11,723	28 4459	C 13729			45 10.88	8331	114	29 11 22.7	987	124	11.8	0	- 34	9.2	
11,724	30 4816	L 9689	998		45 26.91	8175	121	30 50 8.2	995	123	12.4	+ 6	- 4	7.98	F 0
11,725	30 4816	L 9689			45 27.28	8175	121	30 50 6.0	995	123	12.2	+ 6	- 4		
11,726	26 4512	C 13732	995		22 45 27.04	+2.8538	+0.104	27 6 43.1	+18.995	+1.125	11.0	- 35	- 27	9.2	
11,727	28 4461	C 13733	999	44665	45 30.94	8413	110	28 28 2.6	997	124	11.3	+ 22	+ 19	7.9	F 5
11,728	29 4776	C 13734			45 32.31	8238	119	30 14 18.2	997	122	11.3	- 7	+ 4	8.6	
11,729	23 4615	B 8764	1001-2	44667-8	45 39.49	8818	091	24 7 34.0	19.001	126	11.0, 11.7	+ 107*	- 45*	3.67	K 0
11,730	28 4462	C 13735	1007	44682	45 49.21	8388	113	28 48 9.1	005	123	10.9	+ 19	+ 18	8.9	A 2
11,731	23 4616	B 8765	1010-1	44688	22 46 0.40	+2.8832	+0.092	24 3 9.5	+19.010	+1.125	10.3	+ 1	+ 26	8.7	
11,732	30 4818	L 9696	1022		46 16.34	8183	123	31 1 59.8	018	121	11.3	+ 37	- 1	9.2	
11,733	23 4618	B 8767	1021		46 18.37	8832	093	24 8 33.9	018	124	12.5	- 17	+ 4	8.9	
11,734	26 4514	C 13736	1024-5		46 23.41	8604	104	26 41 9.3	021	124	11.2	+ 11	+ 94	8.8	
11,735	31 4793	L 9697		44699	46 24.51	8093	127	31 58 0.4	021	121	9.8	+ 42	+ 1	8.1	A 0
11,736	24 4673	B 8770	1026		22 46 25.18	+2.8759	+0.096	24 59 39.8	+19.022	+1.124	12.1	- 9	+ 23	9.4	K 2
11,737	26 4515	C 13738			46 46.10	8578	106	27 5 11.0	032	123	11.1	+ 22	+ 1	9.4	
11,738	26 4517	C 13739			46 59.18	8596	105	26 57 24.8	037	123	10.5	+ 20	+ 4	8.8	
11,739	28 4468	C 13740		44717	46 59.52	8428	113	28 45 25.3	037	121	10.4	+ 14	+ 12	8.7	A 0
11,740	28 4469	C 13741			47 0.55	8401	115	29 2 50.2	038	121	11.9	- 31	+ 5	9.1	
11,741	29 4783	C 13742	1039		22 47 4.52	+2.8377	+0.116	29 19 20.6	+19.040	+1.121	10.0	- 11	- 3	8.6	
11,742	25 4828	C 13743	1040	44721	47 7.96	8695	101	25 54 48.3	041	123	10.1	0	+ 4	6.71	A 3
11,743	27 4426	C 13744	1041-2-3		47 12.37	8550	108	27 31 25.0	043	122	11.4	+ 27	+ 13	8.9	
11,744	26 4518	C 13745			47 14.38	8608	105	26 54 8.1	044	122	11.5	+ 8	+ 24	9.1	
11,745	25 4830	C 13746			47 21.58	8704	101	25 53 26.7	047	122	12.7	- 18	+ 10	9.4	
11,746	30 4822	C 13747			22 47 27.90	+2.8272	+0.122	30 32 2.0	+19.050	+1.120	12.7			9.1	
11,747	29 4786	C 13748	1047-8		47 28.93	8366	117	29 34 2.6	051	121	11.5	- 13	+ 16	7.9	K 0
11,748	29 4787	C 13749			47 35.74	8311	121	30 10 20.6	054	119	12.5	+ 13	+ 30	9.2	
11,749	29 4789	C 13751			47 40.41	8373	118	29 33 5.4	056	120	13.1	- 38	- 25	9.4	
11,750	29 4790	C 13752			47 41.69	8349	119	29 48 37.6	057	120	12.3	- 12	0	8.9	

11,713. Burnham 11,979.

11,729. Number of observations 67 and 81.

11,724, 11,725. Σ 2945, magnitudes 8.5 and 8.5.

11,742. Burnham 12,008.

11,724. Number of observations 4

11,749. This is the principal star of the pair Σ 2949.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
11,751	28 4472	C 13753		44749	h m s 22 47 43.68	s +2.8435	s +0.115	o ' " 28 55 23.7	" +19.057	" +120	11.6	+ 2	- 21	8.7	
11,752	29 4791	C 13754			47 46.44	8360	119	29 43 48.2	059	120	13.0	- 41	- 92	9.2	
11,753	28 4473	C 13755			47 54.29	8422	116	29 6 37.4	062	120	11.9	+ 10	- 2	9.2	
11,754	29 4792	C 13756	1060-1		48 3.99	8379	119	29 37 33.5	067	120	10.0	+ 25	+ 35	8.5	K o
11,755		C 13757			48 12.58	8454	115	28 52 55.9	071	119	12.7	- 20	- 19	9.4	
11,756	28 4475	C 13758		44772	22 48 32.35	+2.8456	+0.116	28 57 47.5	+19.079	+119	11.1	- 60	- 44	9.1	G o
11,757	31 4802	L 9710	1071		48 35.91	8196	129	31 41 7.4	081	118	10.1	- 8	- 26	9.4	
11,758	30 4828	L 9712			48 46.42	8252	127	31 10 56.9	086	118	9.8	+ 49	+ 32	9.1	
11,759	26 4524	C 13760	1072-3	44781	48 50.47	8690	105	26 29 59.5	087	120	8.3	- 6	- 24	7.8	K o
11,760	26 4526	C 13762			49 0.99	8680	106	26 39 32.2	092	119	9.7	+ 5	+ 6	9.2	
11,761	29 4797	C 13765	1081	44798	22 49 18.91	+2.8356	+0.122	30 17 1.9	+19.100	+117	8.8	+ 38	- 5	7.46	A 2
11,762	29 4798	C 13767	1083		49 22.49	8371	122	30 8 32.9	102	117	9.2	- 8	- 4	8.9	
11,763	27 4434	C 13769	1086	44805-6	49 31.20	8561	113	28 8 53.7	105	118	9.0	- 13	- 35	7.58	K 2
11,764	26 4528	C 13770	1080-8		49 34.44	8706	106	26 32 38.9	107	118	8.9	- 18	- 19	9.1	
11,765	27 4436	C 13772	1095-6	44813-5-6	49 53.68	8627	111	27 32 17.7	115	118	8.8	- 68	- 49	7.8	G o
11,766	25 4837	C 13773			22 49 55.53	+2.8811	+0.101	25 26 47.0	+19.116	+119	10.0	- 18	+ 13	9.4	
11,767	27 4438	C 13774			50 3.61	8649	110	27 20 24.2	120	118	10.4	+ 36	- 2	9.4	
11,768	31 4807	L 9721			50 8.36	8233	130	31 51 6.5	122	116	10.4	- 33	- 35	9.4	
11,769	29 4803	C 13776	1105		50 11.88	8425	121	29 51 6.9	123	116	9.4	+ 6	- 16	9.1	
11,770	28 4479	C 13777			50 18.13	8517	117	28 52 44.2	126	116	10.0	+ 14	0	8.9	G
11,771	30 4835	L 9722		44840	22 50 29.19	+2.8327	+0.127	30 59 57.8	+19.131	+115	10.0	- 7	- 18	7.41	A o
11,772	30 4836	L 9723	1111		50 30.01	8367	126	30 34 31.4	131	115	9.8	- 31	0	8.1	A 2
11,773		C 13778			50 32.82	8843	100	25 16 31.3	132	116	13.6			9.8	
11,774	25 4839	C 13779	1112		50 35.36	8842	100	25 17 47.9	134	116	14.7	+ 17	+ 16	9.8	
11,775	27 4442	C 13780	1115-6-7	44845-6-7	50 37.51	8649	112	27 31 46.3	135	117	9.9	+ 14	+ 17	7.30	G 5
11,776	30 4837	C 13781			22 50 50.88	+2.8397	+0.125	30 22 50.7	+19.140	+114	10.1	- 13	+ 4	9.4	
11,777	29 4807	C 13783			50 54.39	8494	120	29 20 47.3	142	115	11.3	+ 7	+ 1	9.4	
11,778	25 4841	C 13782			50 54.64	8821	102	25 38 8.7	142	116	10.9	+ 21	+ 9	9.4	
11,779	30 4842	L 9730	1129		51 15.28	8345	128	31 4 30.8	151	114	9.1	- 25	- 38	8.9	
11,780	31 4811	L 9731			51 16.41	8268	132	31 53 46.3	151	114	9.5	- 43	- 39	9.4	
11,781	29 4810	C 13784			22 51 28.62	+2.8438	+0.124	30 9 21.8	+19.157	+114	8.6	+ 9	- 2	8.28	K o
11,782	31 4812	L 9734	1135		51 41.26	8305	132	31 39 25.3	162	113	8.3	+ 7	+ 2	8.6	
11,783	26 4534	C 13787			52 9.04	8765	108	26 41 20.4	174	114	9.8	+ 45	+ 15	9.4	
11,784	31 4815	L 9741	1142		52 9.40	8295	133	31 56 8.0	174	113	10.9	+ 26	+ 25	9.4	
11,785	29 4814	C 13789			52 21.16	8524	122	29 30 35.8	179	112	10.3	- 7	+ 6	9.4	
11,786	30 4846	C 13790			22 52 23.54	+2.8449	+0.126	30 21 59.1	+19.180	+112	10.8	- 6	- 11	9.2	
11,787	25 4847	C 13791			52 32.44	8855	105	25 44 41.3	184	114	11.4	+ 9	- 1	9.4	
11,788	26 4535	C 13793			52 35.92	8739	111	27 8 54.6	185	113	11.2	+ 31	+ 10	9.4	
11,789	25 4848	C 13794	1147		52 36.24	8843	105	25 54 26.4	185	114	10.1	- 13	- 12	8.5	
11,790	23 4640	B 8793	1151	44890	52 41.11	8986	098	24 12 4.0	188	115	9.4	- 8	+ 15	8.1	K o
11,791	23 4641	B 8794			22 52 44.21	+2.8993	+0.098	24 7 44.2	+19.189	+115	11.2	+ 13	- 15	9.4	
11,792	30 4848	L 9747			52 58.57	8406	130	31 2 38.9	195	111	9.8	- 4	- 4	8.8	
11,793	27 4448	C 13798			52 59.42	8721	113	27 28 46.0	195	113	10.7	+ 21	+ 1	10.0	
11,794	31 4816	L 9748	1163	44900	52 59.79	8345	133	31 43 5.3	195	111	9.2	- 11	+ 8	7.9	K 2
11,795	31 4818	L 9750	1166		53 3.66	8368	132	31 29 9.5	197	111	10.1	+ 30	+ 8	8.6	
11,796	28 4493	C 13801	1168	44903	22 53 18.59	+2.8580	+0.121	29 13 22.5	+19.203	+112	9.9	+ 39	0	9.1	
11,797	29 4820	C 13802			53 37.71	8539	125	29 48 13.2	211	111	10.6	- 28	- 2	9.4	
11,798	27 4455	C 13806			53 51.05	8704	116	27 58 37.9	217	111	11.2	- 12	+ 20	9.2	
11,799	29 4824	C 13808			53 56.06	8542	125	29 53 1.1	219	110	9.1	0	- 4	8.8	
11,800	29 4826	C 13810			54 8.25	8561	125	29 44 26.3	224	110	10.1	- 3	- 4	9.1	

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
11,801	25 4852	C 13811			22 54 21.39	+2.8907	+0.105	25 42 29.2	+19.229	+1.111	10.1	+ 55	- 50	9.4	
11,802	28 4496	C 13812	1187		54 25.96	8677	119	28 29 55.4	231	110	9.9	+ 28	+ 13	8.5	F 8
11,803	26 4539	C 13813	1188-9	44948-9	54 35.14	8806	112	27 1 3.2	235	110	9.0	- 9	- 20	8.1	K 0
11,804	24 4689	B 8804	1190		54 38.01	9016	100	24 26 24.6	236	111	9.3	- 6	- 22	8.5	
11,805	26 4540	C 13815	1191-2	44952-3	54 38.81	8788	113	27 15 49.4	236	110	9.4	+ 8	+ 6	7.8	F 5
11,806	26 4541	C 13819			22 54 48.85	+2.8821	+0.112	26 55 6.5	+19.241	+1.110	10.5	- 18	+ 9	9.4	
11,807	26 4542	C 13820			54 49.73	8855	110	26 30 33.0	241	110	11.2	- 13	+ 46	9.4	
11,808	24 4691	B 8808	1201		55 9.88	9015	101	24 37 53.7	249	110	9.7	- 13	- 8	8.5	K 0
11,809	29 4828	C 13821	1184		55 13.58	8607	125	29 36 24.5	251	108	11.4	- 53	- 7	9.2	
11,810	28 4500	C 13822			55 18.04	8664	122	28 58 9.3	252	108	11.5	- 21	+ 1	9.4	
11,811	31 4821	L 9759			22 55 21.49	+2.8423	+0.136	31 45 22.7	+19.254	+1.107	10.6	- 18	- 9	8.8	
11,812	25 4854	C 13823			55 23.76	8960	105	25 23 56.5	255	110	11.0	+ 11	+ 3	8.8	
11,813	24 4694	C 13824	1204-5-6	44974	55 24.70	8979	104	25 9 41.1	255	110	11.3	+ 6	+ 13	8.36	A 5
11,814	29 4830	C 13825	1211-2		55 29.26	8616	125	29 35 41.4	257	108	10.0	+ 4	+ 9	8.3	A 2
11,815	27 4462	C 13826			55 38.50	8784	116	27 39 19.9	261	108	11.5	+ 2	+ 9	9.1	
11,816	28 4501	C 13827			22 55 43.50	+2.8715	+0.121	28 31 19.6	+19.263	+1.108	10.1	- 22	- 13	8.8	
11,817	26 4543	C 13828	1222		55 55.99	8838	113	27 5 55.1	268	108	10.1	+ 33	+ 14	8.7	
11,818	26 4544	C 13829			56 2.32	8903	111	26 19 38.1	270	108	11.3	- 2	+ 7	9.4	
11,819	26 4545	C 13830			56 8.57	8886	111	26 35 4.1	273	108	10.6	- 16	+ 21	9.1	
11,820	27 4467	C 13832			56 22.39	8798	117	27 45 10.2	278	107	11.2	+ 19	+ 7	9.4	
11,821	30 4859	L 9767	1231	45023	22 56 24.63	+2.8560	+0.131	30 35 59.4	+19.279	+1.105	9.3	+ 1	+ 5	6.52	A 0
11,822	25 4860	C 13833		45021	56 26.78	8939	109	26 1 9.9	280	107	9.3	+ 48	- 5	8.7	F 8
11,823	25 4861	C 13835	1237-8	45029	56 45.16	8925	111	26 17 54.1	287	107	8.6	+ 4	- 12	7.9	A 5
11,824	26 4549	C 13836			56 49.72	8911	112	26 30 40.3	289	107	10.0	- 115	- 72	9.4	
11,825	27 4470	C 13837			56 50.49	8848	116	27 18 9.3	290	107	10.5	- 18	- 28	9.4	
11,826	23 4661	B 8824			22 56 52.84	+2.9098	+0.101	24 7 7.4	+19.290	+1.106	9.7	- 11	- 23	9.1	
11,827	27 4471	C 13839	1246	45040	57 3.13	8780	121	28 13 8.6	295	105	8.4	+ 14	- 1	8.3	K 0
11,828	29 4838	C 13840	1252		57 24.81	8670	127	29 41 12.0	303	105	8.8	- 54	- 45	9.4	
11,829	28 4506	C 13843	1266	45073	57 54.38	8749	124	28 54 41.4	315	103	8.2	+ 6	+ 3	8.3	K 0
11,830	27 4475	C 13844			58 7.05	8851	118	27 44 0.3	320	105	9.7	- 30	+ 78	9.4	
11,831	31 4829	L 9781	1271		22 58 15.37	+2.8562	+0.136	31 17 48.1	+19.323	+1.102	8.6	+ 7	- 11	6.46	F 0
11,832	29 4841	C 13846	1273		58 16.35	8728	126	29 19 14.6	323	103	8.8	- 99	+ 9	8.6	
11,833	25 4865	C 13847	1275		58 18.97	9016	109	25 41 16.7	324	104	9.8	- 57	+ 10	9.2	
11,834	30 4864	C 13848			58 19.14	8636	132	30 26 51.4	324	102	11.8	- 32	+ 17	9.4	
11,835	28 4510	C 13850		45090	58 21.30	8779	124	28 43 13.1	325	103	10.3	+ 12	- 45	8.9	
11,836	30 4865	L 9783	1281		22 58 36.93	+2.8590	+0.136	31 6 48.8	+19.331	+1.102	9.6	- 5	- 5	8.6	
11,837	26 4555	C 13851			58 41.22	8908	117	27 12 38.5	333	104	9.1	+ 16	+ 5	8.5	
11,838	24 4702	C 13854	1292		58 57.20	9082	106	25 2 26.0	339	104	9.7	+ 17	- 5	8.8	K 0
11,839	30 4866	L 9786	1293-4		58 59.54	8596	137	31 12 16.1	340	101	9.7	+ 15	- 4	7.49	F 2
11,840	28 4511	C 13855			59 0.04	8756	127	29 15 1.1	340	102	11.2	- 7	+ 1	9.4	
11,841	30 4867	L 9787			22 59 20.41	+2.8657	+0.134	30 36 11.6	+19.348	+1.101	10.8	- 10	+ 1	8.1	A 2
11,842	29 4846	C 13857	1301		59 23.17	8755	128	29 25 1.6	349	101	10.9	- 64	- 102	8.7	F 5
11,843	27 4480	C 13858	1298-9-300	45123-4-5	59 24.55	8900	119	27 35 40.7	349	102	12.4	+ 144*	+ 133*	var.	Ma
11,844	28 4513	C 13859			59 28.62	8841	123	28 22 13.4	351	100	13.3			9.2	
11,845	24 4704	B 8842	1302		59 32.72	9124	105	24 41 0.6	353	102	11.6	+ 15	- 3	8.9	K 2
11,846	31 4833	L 9790	1309-10		22 59 41.78	+2.8593	+0.140	31 31 45.5	+19.356	+1.100	11.2	+ 10	- 12	9.2	
11,847	31 4836	L 9791	1311		59 42.93	8585	141	31 37 42.0	356	100	11.0	- 13	- 31	8.1	K 2
11,848	28 4515	C 13862			59 52.76	8855	124	28 21 2.7	360	100	10.0	+ 73	+ 53	8.5	
11,849	27 4484	C 13863			59 56.66	8936	119	27 19 37.7	362	101	12.0	- 60	- 37	8.9	
11,850	30 4868	C 13864			23 0 6.57	8695	134	30 27 20.5	365	103	12.6	- 17	- 20	9.4	

11,805. This is the principal star of the pair Σ 2967. 11,814. Burnham 12,103. 11,821. This is the principal star of the pair Σ 2968. Number of observations 6.
 11,843. Limits of magnitude 2.2 and 2.7. Number of observations 34.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
11,851	26 4559	C 13867			23 0 12.41	+2.8954	+0.0118	27 11 22.8	+19.368	+100	12.0	- 5	- 6	8.8	
11,852	30 4869	L 9794	1317	45160	0 17.15	8671	136	30 49 23.3	369	99	10.0	+ 46	- 29	6.78	F 2
11,853	27 4485	C 13868			0 19.40	8896	122	27 59 40.5	370	100	11.5	+ 17	- 5	9.4	
11,854	23 4673	B 8846	1323-4	45166-7	0 40.32	9199	103	24 2 10.5	378	101	10.4	- 24	+ 11	7.12	F 5
11,855	24 4706	B 8847			0 44.17	9136	108	24 55 55.6	379	101	11.7	+ 72	- 15	8.8	K 0
11,856	27 4487	C 13870	1326-7	45171	23 0 45.00	+2.8930	+0.0121	27 43 0.0	+19.380	+100	11.2	+ 5	- 6	8.6	K 2
11,857	27 4488	C 13871	1329-30		0 52.18	8924	122	27 50 37.7	382	100	10.8	- 22	- 15	9.2	G 5
11,858	26 4560	C 13872	1332		0 58.92	9028	115	26 29 48.9	385	99	13.1, 11.5	+ 17	+ 5	8.8	F 0
11,859	23 4675	B 8848	1334-5	45179-80	1 5.73	9201	104	24 10 3.0	387	100	11.4	- 17	+ 6	7.01	A 0
11,860	25 4870	C 13876	1336	45181	1 6.48	9103	110	25 31 24.9	388	99	10.6	+ 31	- 7	7.86	K 0
11,861	28 4518	C 13877	1337		23 1 8.74	+2.8882	+0.0125	28 30 9.5	+19.389	+0.98	11.1	+ 45	+ 15	7.41	K 5
11,862	27 4490	C 13878			1 18.51	8937	122	27 50 31.1	392	99	11.4	+ 16	- 28	10.6	
11,863	29 4855	C 13879	1342		1 25.61	8756	134	30 14 14.5	395	98	9.5	- 17	+ 12	8.26	K 0
11,864	28 4522	C 13880	1351	45196	1 44.95	8902	126	28 28 28.2	402	97	10.6	+ 16	+ 9	8.6	K 0
11,865	24 4712	B 8853	1352-3		1 49.67	9188	107	24 36 51.7	404	99	9.2	- 4	- 6	9.4	K 5
11,866	29 4856	C 13881	1357	45177	23 1 55.26	+2.8836	+0.0131	29 24 32.7	+19.406	+0.97	9.6	- 63	- 3	8.9	F 8
11,867	29 4857	C 13884			2 8.42	8822	132	29 41 13.9	410	97	10.8	- 2	+ 14	9.9	
11,868	29 4858	C 13885	1367	45211	2 10.73	8789	135	30 8 0.6	411	96	9.2	- 32	- 7	8.01	F 0
11,869	28 4523	C 13886			2 11.86	8916	126	28 28 49.7	412	97	12.3	- 7	+ 29	9.4	
11,870	24 4713	B 8854	1364-5		2 12.47	9196	107	24 38 28.6	412	98	11.0	+ 5	+ 18	9.3	G 0
11,871	28 4524	C 13887	1368		23 2 12.65	+2.8910	+0.0127	28 33 33.4	+19.412	+0.97	12.2	+ 9	+ 28	9.4	
11,872	30 4875	C 13888			2 14.40	8760	137	30 31 30.2	413	96	10.8	- 17	- 8	8.4	K 0
11,873	30 4876	L 9804			2 19.23	8756	137	30 36 31.0	414	96	12.6	- 28	- 34	9.4	
11,874	29 4860	C 13890	1372		2 27.93	8794	135	30 11 23.8	418	95	11.6	+ 6	- 22	8.81	A 2
11,875	24 4714	B 8856	1371		2 28.37	9209	107	24 32 30.8	418	98	11.3	- 5	+ 29	9.0	F 8
11,876	26 4563	C 13892			23 2 32.58	+2.9052	+0.0119	26 46 8.1	+19.419	+0.96	13.7, 12.7	+ 68	+ 54	9.4	
11,877	31 4843	L 9808			2 41.69	8698	143	31 30 33.7	423	95	10.6	- 30	- 160	9.2	
11,878	24 4716	C 13894	1373-4	45224-5	2 43.55	9185	110	24 58 56.5	423	97	9.1	0*	- 38*	4.98	K 0
11,879	31 4846	L 9813			3 11.58	8710	143	31 34 45.4	433	94	10.5	+ 24	0	9.5	
11,880	29 4862	C 13897	1387	45257-9	3 19.88	8869	133	29 34 3.9	436	95	9.5	- 7	- 17	7.25	B 9
11,881	29 4863	C 13901		45272	23 3 27.63	+2.8845	+0.0135	29 57 8.7	+19.439	+0.95	10.6	+ 16	+ 12	7.46	K 5
11,882	31 4848	L 9816			3 29.60	8711	145	31 41 26.2	440	94	10.4	- 2	- 41	9.4	
11,883	29 4864	C 13903	1390		3 31.23	8825	137	30 14 17.3	440	94	10.2	+ 12	- 38	8.8	
11,884	30 4880	C 13902			3 31.24	8809	138	30 26 35.3	440	94	10.6	+ 67	- 55	9.2	
11,885	28 4529	C 13904	1391-2	45274	3 32.38	8903	131	29 12 19.8	441	95	10.8	+ 9	+ 7	8.0	K 2
11,886	30 4881	L 9819	1393		23 3 35.49	+2.8771	+0.0141	30 58 20.9	+19.442	+0.94	9.6	+ 15	- 23	7.28	A 2
11,887	29 4866	C 13907			3 53.13	8853	136	30 0 55.6	448	94	11.6	- 72	- 31	8.9	
11,888	30 4883	L 9822			3 57.71	8776	141	31 4 12.9	450	93	11.2	- 23	- 13	9.4	
11,889	29 4867	C 13909	1401	45288	3 57.99	8878	133	29 43 46.0	450	94	9.8	+ 31	+ 8	8.8	
11,890	29 4868	C 13910			4 0.06	8861	136	29 58 19.5	451	94	8.5	+ 4	- 5	8.7	
11,891	25 4882	C 13911	1398		23 4 4.24	+2.9147	+0.0116	26 2 53.3	+19.452	+0.95	10.2	+ 36	+ 4	9.2	
11,892	28 4533	C 13912	I		4 7.13	8960	129	28 40 24.8	453	94	9.4	+ 25	- 10	7.50	A 2
11,893	29 4869	C 13913			4 7.61	8860	136	30 2 23.3	453	93	10.8	+ 4	- 2	8.8	
11,894	30 4885	C 13915			4 24.03	8843	138	30 22 59.2	459	92	10.3	+ 36	+ 4	9.4	
11,895	26 4569	C 13914	9	45304	4 24.19	9070	122	27 16 17.9	459	93	10.1	+ 12	- 16	8.8	K 0
11,896	24 4719	B 8866	10-1		23 4 27.06	+2.9258	+0.0109	24 34 54.1	+19.460	+0.94	10.7	+ 18	- 1	8.9	F 8
11,897	25 4885	C 13917			4 39.15	9178	116	25 49 41.3	464	94	9.6	+ 1	- 9	8.2	A 2
11,898	26 4570	C 13919	16	45319	4 46.93	9140	119	26 25 30.9	467	94	8.9	+ 9	+ 1	7.65	K 0
11,899	30 4889	L 9829	18		4 53.24	8812	142	31 0 27.4	469	91	10.0	+ 20	+ 1	9.4	
11,900	31 4855	L 9831			4 53.95	8786	144	31 21 15.8	469	91	9.9	- 10	- 68	8.8	G 5

11,864. Number of observations 7.

11,872, 11,881, 11,893. Number of observations 6.

11,890. Burnham 12,181.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.			
												R.A. 8.0001.	Dec. 0.001.					
11,901	27 4500	C 13920			h m s	s	s	° ' "	"	"	9.4	+	5	-	11	9.4	K o	
11,902	28 4536	C 13923	3-25	45327	5 11.15	8957	133	29 10 52.9	475	92	9.6	+	11	+	33	6.75		
11,903	28 4537	C 13924			5 26.90	9012	130	28 31 59.8	481	92	10.2	-	2	-	30	9.4		
11,904	27 4501	C 13925	28-9		5 28.33	9085	125	27 30 1.5	481	92	9.8	+	36	+	7	8.6		F 2
11,905	27 4504	C 13930			5 45.98	9054	128	28 4 36.8	487	91	8.6	-	7	-	15	9.3		
11,906	31 4859	L 9836	40		23 5 57.39	+2.8774	+0.0148	31 59 55.4	+19.491	+0.090	9.2		0	-	27	6.89	B 9	
11,907	30 4894	L 9840	47		6 13.55	8882	141	30 41 9.5	497	89	10.2	+	9	+	8	9.4	A 2 F o	
11,908	25 4890	C 13933	48	45362	6 18.67	9210	118	26 2 5.5	498	92	9.0	+	20	-	1	7.15		
11,909	25 4891	C 13934		45369	6 26.63	9224	117	25 52 33.8	501	91	9.8	+	5	-	21	8.2		
11,910	25 4892	C 13935			6 35.89	9223	118	25 57 29.8	504	90	10.6	+	15	+	9	9.3		
11,911	28 4542	C 13936			23 6 36.05	+2.9053	+0.0131	28 27 32.2	+19.505	+0.089	10.6	-	14	+	31	9.2		
11,912	30 4896	L 9842	56	45374	6 37.64	8897	142	30 39 45.0	505	88	10.0	+	14	-	18	7.56	K o	
11,913	24 4724	B 8877	57		6 41.02	9296	112	24 52 43.9	506	90	9.5	-	32	-	32	8.4	B 9 K 2	
11,914	27 4505	C 13937	58-9	45375	6 43.32	9083	129	28 4 11.5	507	89	9.7	+	12	-	6	8.2		
11,915	29 4876	C 13939	60		6 48.74	8947	139	30 3 20.5	508	88	8.9	-	16	-	13	8.6		
11,916	29 4877	C 13940	61	45378	23 6 49.20	+2.8982	+0.0136	29 33 14.4	+19.509	+0.089	9.1	+	7	+	14	6.94	K o	
11,917	26 4575	C 13942			6 52.85	9207	120	26 18 36.6	510	91	9.8	+	55	+	3	8.9	F 2	
11,918	24 4726	C 13943			7 1.33	9287	114	25 8 57.8	513	91	11.0	-	5	-	2	9.4	K o A 2	
11,919	31 4864	L 9846			7 17.80	8851	148	31 35 52.8	518	87	10.6	-	2	-	9	9.4		
11,920	27 4506	C 13950			7 24.04	9146	126	27 28 13.5	520	88	9.4	-	17	+	2	8.6		
11,921	26 4580	C 13952	73	45401	23 7 26.96	+2.9220	+0.0121	26 21 39.9	+19.521	+0.090	8.8	-	144*	-	122*	6.40		
11,922	25 4894	C 13951	72		7 27.20	9272	117	25 34 13.0	521	89	10.4	-	14	+	10	9.4		
11,923	31 4869	L 9849			7 41.46	8839	151	31 56 34.4	526	87	9.6	+	9	+	10	9.2	K o A 2	
11,924	23 4694	B 8882	79		7 55.10	9382	109	24 2 16.6	531	88	10.2	-	1	+	6	9.3		
11,925	25 4895	C 13953	81	45418	7 59.72	9300	116	25 21 53.7	532	89	9.8	-	12	+	1	8.7		
11,926	29 4880	C 13955			23 8 2.87	+2.8976	+0.0141	30 12 56.8	+19.533	+0.087	11.3	+	16	+	3	9.4		
11,927	27 4509	C 13956			8 8.03	9144	129	27 47 45.7	535	87	11.3	+	14	+	9	9.4		
11,928	24 4731	C 13958	85	45427	8 18.13	9326	114	25 5 3.5	538	88	9.7	+	18	-	6	8.4	F 5	
11,929	27 4511	C 13959	86		8 18.20	9130	130	28 5 15.6	538	86	11.2	-	41	-	6	9.5	K o	
11,930	26 4584	C 13961			8 31.60	9223	124	26 46 49.1	543	87	11.6	+	52	+	30	9.4		
11,931	26 4585	C 13962			23 8 35.04	+2.9254	+0.0122	26 19 37.0	+19.544	+0.087	11.2	+	10	+	14	9.3		
11,932	25 4896	C 13964			8 37.14	9271	121	26 4 9.5	544	87	10.6	-	19	-	56	9.4		
11,933	28 4548	C 13965	95	45445	8 41.86	9084	136	28 57 10.4	546	86	8.6	-	13	-	35	6.34		
11,934	26 4586	C 13967	96		8 45.97	9254	122	26 24 23.5	547	87	9.5	+	138	-	124	9.3	K o	
11,935	29 4882	C 13969	104		9 6.94	9043	140	29 45 13.8	554	85	8.8	-	7	+	10	9.3		
11,936	28 4549	C 13971	107-8	45481	23 9 18.17	+2.9115	+0.0135	28 46 31.8	+19.558	+0.085	9.3	+	4	+	24	8.8		
11,937	27 4515	C 13973	111		9 23.40	9163	131	28 5 17.2	559	85	9.4	+	31	+	12	9.2		
11,938	24 4733	B 8892	118	45488	9 34.90	9367	116	24 57 59.4	563	85	8.9	-	9	+	6	8.4		B 9
11,939	30 4906	L 9864			9 46.29	8991	146	30 49 54.6	566	84	8.6	+	26	+	8	8.6	G o	
11,940	28 4555	C 13978	131-2	45496	9 59.20	9102	138	29 16 54.3	571	83	8.8	-	12	-	11	6.42	F 5	
11,941	30 4907	L 9867	134-5		23 10 2.24	+2.8968	+0.0149	31 17 14.3	+19.572	+0.084	9.0	+	60	-	6	8.8	G 5	
11,942	29 4887	C 13979	141		10 8.13	9070	141	29 50 8.8	573	83	9.6	+	28	-	21	9.2		
11,943	28 4556	C 13982			10 18.56	9168	134	28 26 7.0	577	83	10.3	-	32	+	25	9.3		
11,944	25 4903	C 13984			10 26.96	9337	120	25 49 51.6	579	84	9.8	-	36	-	6	8.8		
11,945	27 4517	C 13985	147-8	45516	10 34.11	9232	130	27 34 51.5	582	82	8.8	+	13	+	1	6.95		A o
11,946	24 4734	C 13986			23 10 41.78	+2.9385	+0.0117	25 9 37.1	+19.584	+0.084	10.2	+	13	-	15	9.4	F 5	
11,947	30 4909	L 9875			10 42.97	9041	146	30 33 11.4	584	82	10.5	-	2	-	3	8.8		
11,948	25 4904	C 13988			10 50.67	9367	119	25 31 39.4	587	83	11.2	-	19	-	18	9.4		
11,949	24 4736	B 8898			10 54.08	9400	116	25 0 35.5	588	84	10.3	+	38	+	19	8.9		
11,950	25 4905	C 13989		45530	10 57.50	9379	118	25 22 13.1	589	83	10.1	+	11	-	20	8.2		

11,906. Burnham 12,201.

11,912, 11,947. Number of observations 6.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R. A. ^h . ₀₀₀₁ .	Dec. ^m . ₀₀₁ .		
	°				h m s	s	s	° ' "	"	"		+	+		
11,951	24 4737	C 13990		45531-2	23 10 58.00	+2.9391	+0.0117	25 10 52.3	+19.589	+0.083	10.1	+ 5	+ 7	6.74	K 0
11,952	24 4738	B 8902			11 10.59	9440	114	24 27 2.3	593	83	10.6	- 14	+ 51	8.3	
11,953	30 4912	L 9876	163-4		11 18.79	9020	149	31 11 1.8	595	82	11.0	+ 110	+ 42	7.52	F 8
11,954	27 4521	C 13992	165-6		11 22.41	9244	131	27 45 25.8	596	81	10.6	+ 11*	- 3*	6.50	G 5
11,955	26 4588	C 13993	167		11 22.92	9283	128	27 8 22.5	597	81	10.8	- 39	- 15	8.0	A 2
11,956	26 4589	C 13994			23 11 27.51	+2.9294	+0.0127	26 59 38.3	+19.598	+0.082	11.2	- 22	- 69	8.8*	
11,957	23 4712	B 8904	169-70	45543	11 31.62	9460	113	24 16 48.0	599	82	9.2	+ 58	+ 10	6.52	F 2
11,958	27 4523	C 13995	174-5	45552	11 40.08	9254	131	27 44 11.6	602	81	10.0	- 15	0	8.4	K 0
11,959	29 4890	C 13996	182	45559	11 53.17	9106	145	30 10 37.5	606	81	11.3, 10.9	+ 273	+ 92	8.06	K 0
11,960	24 4739	B 8907	183		11 57.79	9430	118	24 58 45.7	607	81	10.4	+ 16	+ 6	9.7	
11,961	29 4891	C 13998	184		23 11 59.46	+2.9104	+0.0145	30 15 25.8	+19.608	+0.081	11.4	+ 9	+ 9	8.96	F 0
11,962	25 4907	C 13997			11 59.77	9387	121	25 42 59.0	608	81	10.8	- 15	- 27	8.9	
11,963	24 4740	C 13999	185	45570	12 11.68	9432	118	25 2 45.4	611	80	10.9	- 17	- 25	9.0	G 5
11,964	30 4913	L 9887			12 19.81	9077	148	30 50 50.4	614	79	10.8	+ 8	+ 18	8.8	
11,965	26 4590	C 14000	189		12 25.76	9310	129	27 11 57.8	616	79	10.8	+ 1	- 44	8.2	F 8
11,966	29 4893	C 14002	194	45584	23 12 35.04	+2.9147	+0.0143	29 52 58.4	+19.618	+0.079	11.3	- 12	- 33	7.71	A 2
11,967	30 4917	L 9890			12 50.62	9070	151	31 13 55.2	623	78	11.2	- 1	- 3	8.7	K 5
11,968	27 4526	C 14005	204-5	45594	12 52.70	9267	135	28 7 0.7	624	78	11.0	+ 17	+ 12	8.2	K 2
11,969	29 4895	C 14006	206-7	45597	12 55.76	9191	142	29 22 55.0	625	79	11.4	+ 14	- 18	7.9	K 5
11,970	29 4896	C 14008			13 3.39	9137	146	30 17 13.0	627	78	11.7	+ 26	- 12	9.2	
11,971	23 4717	B 8913			23 13 10.64	+2.9517	+0.0113	24 1 4.5	+19.629	+0.079	12.4	+ 4	- 2	9.4	
11,972	27 4527	C 14011			13 12.86	9289	134	27 55 31.1	630	78	12.0	- 19	+ 1	9.4	
11,973	30 4918	L 9893			13 19.13	9130	148	30 32 19.4	632	78	9.3	+ 21	- 1	7.16	F 0
11,974	27 4528	C 14013			13 26.29	9319	132	27 32 7.9	634	78	9.6	- 2	0	8.8	
11,975	29 4899	C 14015	217	45620	13 30.80	9173	145	29 58 1.8	635	78	9.2	- 37	- 50	7.21	K 0
11,976	24 4746	B 8916	219	45619	23 13 34.66	+2.9507	+0.0115	24 22 45.6	+19.636	+0.078	9.6	- 5	- 34	8.8	F 8
11,977	26 4596	C 14016		45625	13 50.31	9356	130	27 6 32.7	641	77	9.4	+ 22	- 41	7.40	F 5
11,978	25 4914	C 14018			13 57.20	9408	126	26 16 34.5	643	78	9.8	- 26	+ 18	9.4	
11,979	26 4597	C 14019			14 3.67	9372	130	26 57 39.5	645	77	9.2	- 7	+ 4	8.7	
11,980	26 4598	C 14020			14 4.31	9360	131	27 9 56.6	645	76	10.4	+ 9	- 48	9.4	
11,981	26 4599	C 14021		45640	23 14 4.31	+2.9363	+0.0130	27 6 46.9	+19.645	+0.076	10.8	- 13	- 46	7.10	K 0
11,982		B 8919			14 18.94	9507	119	24 43 10.1	649	77	10.3	- 2	- 40		
11,983	24 4749		233-4	45649	14 18.99	9507	119	24 43 12.5	649	77	10.5	- 2	- 40	8.9	F 5
11,984		B 8920			14 19.13	9507	119	24 43 12.8	649	77	6.7	- 2	- 40		
11,985	24 4750	C 14024	239		14 37.14	9494	120	25 5 51.4	654	76	9.7	+ 7	+ 34	9.4	
11,986	25 4917	C 14025	243		23 14 57.92	+2.9453	+0.0126	25 59 21.1	+19.660	+0.076	9.5	- 9	- 9	8.2	A 2
11,987	26 4604	C 14027	251	45678	15 11.62	9402	131	27 0 2.4	664	74	8.8	- 20	- 105	8.2	F 8
11,988	29 4905	C 14028			15 14.08	9252	145	29 35 18.7	665	75	9.6	+ 43	- 14	9.5	
11,989	27 4530	C 14031			15 26.80	9339	137	28 14 19.4	668	74	9.4	+ 7	- 15	8.8	F 8
11,990	28 4562	C 14030	257		15 28.53	9332	138	28 22 38.7	669	74	9.36	+ 501	- 48	8.8	K
11,991	29 4906	C 14032			23 15 28.95	+2.9267	+0.0144	29 28 48.6	+19.669	+0.074	9.8	+ 1	- 23	9.4	
11,992	24 4752	B 8926	261	45694	15 42.46	9532	121	24 56 26.9	673	75	9.8	- 7	+ 11	8.2	A 0
11,993	27 4532	C 14035	264-5		15 50.71	9404	133	27 18 23.3	675	74	9.1	- 3	- 12	9.2	
11,994	27 4533	C 14037		45720	16 11.02	9378	137	27 57 1.6	681	73	9.6	+ 23	+ 20	9.0	K 0
11,995	25 4922	C 14038			16 19.30	9477	128	26 14 28.9	683	73	10.4	+ 9	+ 11	9.2	F 2
11,996	28 4566	C 14040			23 16 20.96	+2.9337	+0.0141	28 44 49.5	+19.683	+0.072	11.1	- 21	+ 27	9.5	F
11,997	29 4908	C 14041	280	45735	16 24.91	9271	148	29 55 25.6	685	72	9.0	+ 59*	- 67*	5.78	K 5
11,998	28 4568	C 14042	281	45736	16 25.67	9362	139	28 21 7.8	685	72	9.8	- 16	- 55	8.8	G
11,999	26 4608	C 14043			16 26.49	9427	132	27 12 33.0	685	72	11.4	+ 21	+ 38	9.4	
12,000	27 4534	C 14044	283		16 29.18	9408	135	27 34 29.7	686	72	11.2	- 53	+ 1	9.2	G

11,958, 11,966. Number of observations 6.
11,982, 11,984. Σ 3000, magnitudes 8.7 and 8.8.

11,981. Number of observations 7.
11,983. Observed as one mass. Number of observations 4.

11,982. Number of observations 2.
11,984. Number of observations 1.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
12,001	30 4926	L 9912			23 16 34.63	+2.9232	+0.0152	30 41 8.0	+19.687	+0.072	11.8	- 7	- 24	9.4	G 0
12,002	28 4569	C 14047			16 41.82	9348	142	28 45 20.5	689	72	11.0	- 19	- 4	9.3	G
12,003	28 4570	C 14049			16 49.37	9348	142	28 49 19.2	691	72	10.4	+ 74	+ 38	8.9	K 0
12,004	24 4757	B 8936	291-2	45748	17 5.27	9594	119	24 27 9.7	696	72	10.2	- 23	- 6	8.8	A
12,005	28 4573	C 14055	297		17 14.77	9341	144	29 10 50.6	698	71	11.0	+ 32	- 8	9.0	F 8
12,006	24 4758	B 8938	299		23 17 19.92	+2.9590	+0.0120	24 39 13.5	+19.700	+0.072	11.2	+ 11	- 11	9.3	
12,007	24 4759	B 8939	302	45756	17 24.53	9585	121	24 43 42.8	701	72	10.0	+ 17	- 11	9.1	
12,008	31 4897	L 9919	306-7	45763-4	17 31.14	9226	157	31 19 9.6	703	70	9.6	+ 7*	- 21*	5.37	B 8
12,009	25 4924	C 14056	305	45760	17 32.61	9518	128	26 7 3.0	703	71	9.8	- 60	- 68	6.64	F 2
12,010	27 4538	C 14057	308	45768	17 39.01	9408	140	28 12 12.2	705	70	8.9	+ 73	- 80	6.62	F 2
12,011	27 4540	C 14058			23 17 55.18	+2.9448	+0.0137	27 37 51.0	+19.709	+0.070	8.8	- 24	0	8.8	K 0
12,012	28 4575	C 14059		45778	17 58.20	9377	144	28 56 25.0	710	69	8.9	- 14	- 27	8.6	G 5
12,013	25 4927	C 14060	315		18 1.92	9568	125	25 25 30.6	711	70	8.6	- 19	- 11	6.55	K 2
12,014	24 4761	B 8949	320	45787	18 14.37	9624	120	24 26 42.2	714	70	9.0	- 1	+ 1	9.2	A
12,015	26 4617	C 14061	323		18 23.60	9492	134	27 4 51.7	717	69	8.9	+ 54	- 9	8.8	G
12,016	27 4541	C 14062			23 18 31.68	+2.9470	+0.0136	27 33 27.2	+19.719	+0.068	9.3	- 9	- 19	9.4	
12,017	24 4762	C 14065	326-7	45780	18 44.75	9595	124	25 16 27.5	722	69	9.6	+ 10	- 18	9.5	
12,018	29 4915	C 14067	312		18 54.26	9337	152	30 12 15.0	725	68	9.8	+ 23	+ 2	8.91	F 0
12,019	29 4917	C 14068			19 8.25	9362	150	29 54 11.8	728	68	10.0	+ 32	+ 33	9.2	K 0
12,020	29 4918	C 14069	335		19 8.60	9347	153	30 10 24.8	728	68	9.2	- 42	- 18	8.56	K 0
12,021	24 4764	B 8952	336	45811	23 19 13.81	+2.9632	+0.0123	24 48 24.4	+19.730	+0.068	9.2	+ 21	- 13	8.6	F 5
12,022	24 4765	B 8955		45814	19 24.37	9639	123	24 45 20.1	732	68	10.0	+ 92	+ 22	9.4	
12,023	28 4577	C 14070	344-5	45821	19 37.95	9417	146	29 10 42.9	736	67	8.8	- 27	- 1	7.02	A 0
12,024	27 4544	C 14071	349	45825	19 44.75	9491	140	27 50 58.6	738	67	9.6	- 13	- 9	8.2	F 2
12,025	25 4932	C 14072	350		19 45.60	9578	132	26 10 37.2	738	66	10.3	- 16	- 6	9.2	
12,026	29 4919	C 14074	353	45833	23 19 52.55	+2.9367	+0.0154	30 15 27.6	+19.740	+0.067	10.0	+ 2	+ 13	8.11	K 2
12,027	29 4920	C 14076	358	45839	20 5.55	9377	154	30 13 2.4	743	66	9.6	+ 39	+ 5	7.21	F 2
12,028	30 4935	C 14077	359		20 11.19	9373	155	30 20 32.1	744	65	9.8	- 35	+ 6	9.4	
12,029	24 4770	C 14078	360	45840	20 17.87	9651	124	25 0 7.6	746	66	9.8	+ 11	+ 11	7.21	B 9
12,030	31 4903	L 9939			20 25.70	9311	162	31 37 19.4	748	65	10.4	+ 1	+ 20	9.2	K 0
12,031	31 4904	L 9940	364	45845	23 20 26.28	+2.9297	+0.0163	31 53 25.2	+19.748	+0.065	9.7	+ 4*	- 1*	5.46	A 0
12,032	26 4622	C 14080			20 34.86	9588	133	26 25 59.7	750	65	10.2	+ 6	+ 47	9.0	
12,033	26 4625	C 14081			20 42.67	9583	134	26 36 44.7	752	65	10.6	- 9	+ 40	9.2	A
12,034	27 4547	C 14082	370	45854	20 53.65	9534	140	27 41 50.7	755	64	10.2	+ 46	- 9	8.9	K 0
12,035	31 4905	L 9942	371	45857	20 54.58	9309	165	31 58 29.2	755	64	10.8	+ 7	- 8	9.3	K 2
12,036	25 4934	C 14084	377	45859	23 21 6.58	+2.9639	+0.0129	25 41 31.0	+19.758	+0.065	10.6	+ 29	- 7	8.36	K 0
12,037	24 4773	B 8972	378-9	45861	21 11.51	9701	122	24 27 33.8	759	64	10.8	+ 28	- 23	6.78	A 3
12,038	31 4906	L 9944	380	45869	21 25.52	9352	163	31 32 0.9	763	64	10.7	+ 8	0	9.4	K 2
12,039	26 4627	C 14087	382	45870	21 31.77	9578	138	27 11 44.2	764	63	10.4	+ 9	- 12	8.9	
12,040	26 4628	C 14088	384	45871-2	21 32.98	9577	138	27 12 45.8	764	63	10.6	- 19	- 9	7.8	F 8
12,041	24 4774	C 14089	387	45875	23 21 38.48	+2.9679	+0.0126	25 10 17.4	+19.766	+0.064	11.1	+ 59	+ 25	8.11	A 0
12,042	27 4550	C 14090	388		21 40.97	9528	144	28 17 15.6	766	63	11.0	- 2	- 75	8.8	G
12,043	28 4581	C 14093			21 57.66	9509	147	28 50 13.4	770	62	11.1	- 10	+ 8	9.4	
12,044	30 4945	L 9949	395-6	45897	22 5.64	9390	161	31 15 7.4	772	62	9.7	+ 19	- 17	7.9	A 0
12,045	28 4582	C 14094	401	45900	22 10.96	9531	146	28 32 37.7	774	62	10.8	+ 124	+ 15	9.0	G 5
12,046		C 14097			23 22 17.10	+2.9539	+0.0145	28 26 55.1	+19.775	+0.062	13.2			9.4	
12,047	24 4776	B 8980	406	45908	22 27.91	9713	126	24 54 28.2	778	62	8.6	- 4	- 3	7.46	A 5
12,048	24 4777	B 8982	420	45929	22 56.91	9723	127	24 58 24.3	785	61	9.9	+ 25	- 52	8.3	G 0
12,049	29 4930	C 14101	421		22 57.52	9514	151	29 23 47.2	785	61	9.2	- 35	- 9	8.8	K 5
12,050	28 4586	C 14102	423	45939	23 7.39	9551	148	28 44 20.4	787	61	10.9	- 33	+ 8	8.8	K 2

12,008. Burnham 12,325.

12,020. Number of observations 6.

12,046. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
12,051	24 4778	B 8984	427	45941	23 23 11.96	+2.9743	+0.0125	24 40 22.3	+19.788	+0.060	10.0	+ 18*	- 47*	5.87	A 0
12,052	30 4948	L 9953	432		23 17.75	9453	160	30 50 19.6	789	60	10.0	- 3	- 25	9.2	G 5
12,053	28 4587	C 14103	434		23 23.47	9576	146	28 23 53.0	791	60	10.8	- 10	+ 7	9.4	
12,054	30 4950	C 14107	443		23 40.37	9487	159	30 25 6.5	795	60	11.0	- 21	- 7	9.3	
12,055	31 4913	L 9958			23 44.95	9443	164	31 20 58.3	796	60	11.4	+ 7	+ 10	9.3	
12,056	28 4589	C 14108		45957	23 23 45.09	+2.9557	+0.0150	29 1 20.9	+19.796	+0.060	10.4	+ 19	- 30	9.0	K 5
12,057	25 4940	C 14109	444-5-6		23 46.40	9724	130	25 25 58.5	796	60	10.9	+ 118	- 41	9.0	
12,058	31 4915	L 9959			23 51.55	9425	166	31 46 33.3	797	60	11.8	+ 10	- 65	8.8	K 0
12,059	28 4591	C 14111	454		24 5.92	9591	148	28 32 0.5	801	59	12.3	+ 24	+ 23	9.4	
12,060	26 4635	C 14112			24 8.25	9676	137	26 43 28.3	801	59	12.5	+ 2	+ 44	9.4	
12,061	26 4636	C 14114			23 24 14.39	+2.9678	+0.0137	26 44 44.9	+19.802	+0.059	11.6	+ 101	+ 38	9.2	
12,062	31 4918	L 9961		45973	24 23.68	9468	164	31 18 1.9	805	58	10.0	+ 16	- 11	8.0	F 5
12,063	29 4934	C 14118	461		24 29.39	9550	154	29 39 26.5	806	58	10.4	+ 12	- 62	9.2	K 0
12,064	25 4944	C 14119	466-7		24 44.29	9753	131	25 23 36.8	809	58	10.6	- 25	- 33	9.2	
12,065	30 4957	L 9964		45983	24 44.60	9485	164	31 12 32.1	809	58	10.1	+ 13	+ 9	8.3	K 2
12,066	25 4945	C 14120	469-70-1	45986-7	23 24 52.49	+2.9760	+0.0130	25 18 58.4	+19.811	+0.057	9.8	+ 1	- 1	7.84	K 2
12,067	23 4750	B 8997			24 53.59	9810	124	24 10 27.0	811	57	12.0	- 21	- 43	9.3	
12,068	29 4940	C 14121	478		25 2.26	9555	157	29 56 17.1	813	57	11.5	+ 10	- 55	8.2	K 0
12,069	25 4947	C 14122			25 8.41	9747	133	25 47 6.7	815	57	13.3	- 5	- 23	9.4	
12,070	24 4783	C 14123	479-80-1		25 9.64	9771	130	25 13 59.0	815	57	12.1	- 23	+ 18	9.5	
12,071	31 4921	L 9969			23 25 14.48	+2.9478	+0.0167	31 42 54.8	+19.816	+0.057	12.7	+ 29	+ 17	9.3	
12,072	28 4592	C 14125			25 15.87	9617	150	28 45 55.3	816	57	12.2	- 15	+ 4	9.4	
12,073	30 4959	L 9970	484	46005	25 19.74	9505	164	31 12 37.5	817	57	10.6	+ 11	- 6	8.6	A 3
12,074	28 4593	C 14126	485	46006	25 22.02	9637	148	28 24 0.9	818	57	11.8	+ 26	- 7	8.9	K 2
12,075	23 4752	B 9001		46007	25 25.46	9819	125	24 16 36.6	818	57	10.8	- 30	- 14	7.27	K 0
12,076	30 4962	L 9974	494	46021	23 25 45.80	+2.9535	+0.0163	30 52 55.6	+19.823	+0.056	10.6	+ 17	- 15	8.2	F 2
12,077	30 4961	L 9973	492-3		25 46.05	9520	165	31 12 45.9	823	56	11.4	+ 143	- 164	8.7	K 0
12,078	24 4786	C 14129	499-500		25 58.71	9798	131	25 8 17.5	826	55	10.5	- 1	+ 6	9.3	
12,079	30 4963	C 14130			25 58.97	9568	161	30 20 11.3	826	56	9.2	+ 61	+ 4	7.26	F 5
12,080	26 4642	C 14132			26 27.17	9719	143	27 17 7.9	832	55	10.2	- 106	- 102	9.3	
12,081	25 4951	C 14133	511	46065	23 26 43.75	+2.9783	+0.0136	25 58 43.9	+19.835	+0.054	10.3	- 11	- 10	8.8	
12,082	23 4756	B 9007			26 57.40	9867	125	24 4 18.2	838	54	11.0	+ 18	+ 2	9.0	
12,083	27 4566	C 14136	516	46079	27 2.06	9699	149	28 10 11.4	839	54	12.0, 10.8	+ 6	- 11	6.68	K 0
12,084	27 4568	C 14138	524	46084	27 15.10	9717	147	27 54 26.2	842	53	11.4	- 43	- 8	6.23	A 0
12,085	25 4953	C 14139	525		27 23.10	9823	133	25 26 34.8	843	53	11.6	- 8	- 4	9.4	
12,086	30 4969	L 9982			23 27 26.73	+2.9601	+0.0163	30 43 47.0	+19.844	+0.053	11.9	+ 20	0	9.3	
12,087	24 4790	C 14140			27 44.11	9847	132	25 5 18.5	848	53	11.6	- 50	- 13	8.8	
12,088	29 4945	C 14141	533		27 46.23	9672	156	29 19 52.3	848	53	11.4	+ 39	- 10	9.0	
12,089	25 4955	C 14142		46102	27 47.44	9810	136	26 3 23.6	848	53	10.7	+ 9	- 36	8.11	G 5
12,090	25 4956	C 14143			27 51.08	9812	136	26 2 15.9	849	52	11.7	+ 14	+ 1	9.4	
12,091	25 4957	C 14144		46111	23 27 57.68	+2.9816	+0.0136	26 1 17.1	+19.850	+0.052	11.1	- 8	+ 9	8.10	G 5
12,092	31 4926	L 9986			27 59.73	9583	169	31 32 45.0	851	52	12.5	+ 13	- 2	9.4	
12,093	23 4760	B 9016			28 3.13	9893	127	24 8 41.5	852	52	12.4	+ 1	+ 18	9.0	
12,094	24 4792	C 14146			28 4.94	9852	132	25 11 39.5	852	52	12.2	+ 15	- 17	8.8	
12,095	30 4971	L 9988	544	46119	28 5.04	9612	166	30 56 56.8	852	52	11.5	+ 99	+ 39	8.6	F 8
12,096	29 4952	C 14148			23 28 34.18	+2.9673	+0.0160	29 56 23.7	+19.858	+0.051	12.5	+ 53	+ 25	9.4	
12,097	30 4973	C 14149			28 43.68	9660	164	30 22 7.4	860	51	12.4	- 8	- 19	9.4	
12,098	27 4571	C 14150	552		28 50.07	9784	146	27 26 58.5	861	51	12.6	- 4	+ 24	9.4	
12,099	29 4953	C 14153	556		28 54.73	9702	158	29 31 36.6	862	51	12.4	- 24	- 76	9.3	
12,100	29 4956	C 14154	566	46156	29 11.48	9717	157	29 22 41.9	865	50	10.2	+ 53	- 45	7.8	F 5

12,069. Burnham 12,396. This star is a close double, components 9.2 and 9.2.

12,095. Burnham 12,425.

12,079. This is the principal star of the pair Σ 3018.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
12,101	30 4977	L 9995		46158	23 29 11.95	+2.9669	+0.0165	30 31 6.7	+19.865	+0.049	11.4	+ 36	- 2	8.4	K 5
12,102	29 4957	C 14155			29 12.87	9705	159	29 41 7.9	865	50	12.8	- 11	+ 33	9.4	
12,103	25 4961	C 14156			29 16.94	9857	138	25 55 34.8	866	50	12.1	0	+ 12	9.2	
12,104	29 4959	C 14157			29 24.61	9714	159	29 37 47.3	868	49	11.9	+ 8	- 14	9.4	
12,105	30 4978	L 9998	568	46164	29 29.12	9666	166	30 49 43.0	869	49	12.3	+ 40*	- 12*	5.21	K 2
12,106	25 4967	C 14159	573-5	46178	23 29 56.98	+2.9865	+0.0141	26 13 5.0	+19.874	+0.049	11.2	- 13	- 27	8.9	F 0
12,107	27 4574	C 14160	577	46180	29 58.61	9818	147	27 28 16.0	874	49	10.8	+ 31	- 5	8.6	F 5
12,108	24 4797	B 9030	576	46179	29 59.15	9920	132	24 45 38.2	874	48	9.3	+ 4	+ 1	8.8	F 2
12,109	29 4962	C 14163	584		30 18.11	9719	163	30 13 43.6	878	47	10.6	+ 29	- 1	9.2	
12,110	29 4963	C 14165	588-9		30 23.11	9749	159	29 31 56.1	879	47	11.3	0	+ 6	8.9	A 2
12,111	31 4932	L 10003	595	46201	23 30 31.24	+2.9681	+0.0171	31 20 16.7	+19.880	+0.047	11.4	- 1	- 8	7.9	A 2
12,112	24 4798	B 9032	596-7	46211	30 43.98	9939	133	24 47 17.4	883	47	10.8	+ 26	+ 4	8.7	F 5
12,113	30 4982	L 10006	599	46221	30 56.86	9730	166	30 30 47.7	885	46	11.18	+ 431	+ 239	6.72	G 0
12,114	30 4983	L 10007	600	46233	30 58.72	9724	167	30 40 14.8	886	46	11.3	- 162	- 269	7.91	G 5
12,115	27 4578	C 14170		46224	30 59.59	9846	148	27 31 23.5	886	47	12.1	- 14	+ 9	9.5	F 2
12,116	31 4935	L 10008	602	46227	23 31 3.09	+2.9685	+0.0173	31 42 0.4	+19.886	+0.046	10.7	+ 32	0	6.62	K 0
12,117	31 4937	L 10011	611		31 16.95	9695	173	31 40 11.1	889	45	11.1	- 8	- 31	8.8	K 0
12,118	23 4769	B 9036	613	46239	31 25.49	9983	129	24 3 46.8	890	46	11.2	- 10	+ 36	6.60	Ma
12,119	27 4579	C 14173		46240-I	31 26.11	9865	147	27 22 1.7	891	46	11.2	- 14	- 9	7.34	B 9
12,120	26 4660	C 14174			31 38.12	9877	147	27 11 20.5	893	46	12.3	+ 5	- 9	9.4	
12,121	31 4939	L 10014	620		23 31 44.00	+2.9700	+0.0176	31 56 27.8	+19.894	+0.045	12.1	+ 33	- 9	9.4	
12,122					31 48.98	9839	154	28 24 4.2	895	46	8.8	+ 24	+ 2		
12,123	28 4605				31 49.37	9839	154	28 24 3.9	895	46	12.8	+ 24	+ 2	8.8	F 2
12,124		C 14176	621-2		31 49.25	9839	154	28 24 3.8	895	46	12.4	+ 24	+ 2		
12,125	25 4975	C 14178	624		31 57.34	9937	138	25 46 11.0	896	46	9.2	+ 3	- 5	8.2	A 2
12,126	24 4800	B 9040			23 32 0.96	+2.9978	+0.0133	24 38 56.2	+19.897	+0.045	11.4	+ 7	+ 39	9.4	
12,127	26 4663	C 14179			32 23.43	9928	143	26 24 37.7	901	44	9.8	- 5	0	9.2	
12,128	29 4971	C 14180	636	46264	32 36.37	9798	166	30 10 40.6	903	43	9.0	+ 154	+ 63	7.16	G 0
12,129	27 4582	C 14181			32 40.99	9885	152	27 51 34.2	904	44	12.2	+ 1	- 15	9.4	
12,130	29 4972	C 14184	643-5		32 45.32	9827	162	29 31 57.5	905	43	11.7	+ 15	- 24	9.0	F 8
12,131	25 4976	C 14183			23 32 45.43	+2.9962	+0.0139	25 41 39.7	+19.905	+0.044	13.4	- 33	- 19	9.4	
12,132	24 4803	C 14185	648	46273	32 47.00	2.9977	137	25 16 21.9	905	44	10.6	0	+ 15	8.6	
12,133	24 4806	B 9047	656		33 3.28	3.0015	132	24 21 6.3	908	43	10.7	+ 25	+ 3	8.8	
12,134	31 4941	L 10023			33 13.05	2.9752	177	31 58 35.9	909	42	9.7	- 9	- 13	9.2	K 2
12,135	26 4667	C 14187			33 38.76	2.9941	149	27 5 23.0	914	42	10.1	+ 14	- 8	9.4	
12,136	26 4668	C 14189	681	46319	23 34 7.76	+2.9959	+0.0148	26 59 41.4	+19.918	+0.041	9.6	+ 20	+ 25	8.8	A 2
12,137	24 4809	B 9052			34 10.91	3.0032	135	24 45 43.8	919	41	10.8	+ 20	+ 15	9.2	
12,138	25 4980	C 14190	686-7-8	46327	34 17.27	3.0013	139	25 26 53.2	920	40	11.2	+ 10	- 9	8.3	
12,139	23 4779	B 9055			34 17.55	3.0053	132	24 11 2.3	920	40	11.2	- 15	+ 22	9.0	
12,140	29 4974	C 14191	692		34 24.07	2.9880	164	29 33 44.7	921	40	12.0	- 33	- 47	8.8	F 5
12,141	30 4996	C 14194	698		23 34 39.63	+2.9861	+0.0169	30 22 15.4	+19.924	+0.040	11.8	+ 30	- 16	8.51	K 2
12,142	23 4780	B 9058	699	46342	34 56.42	3.0068	132	24 13 49.7	926	39	11.4	- 4	- 11	8.3	
12,143	27 4588	C 14195	701	46343-4-5	34 58.63	2.9959	153	27 44 32.5	927	39	10.1	+ 231	+ 234	6.97	G 0
12,144	31 4946	L 10041	705		35 7.80	2.9822	179	31 58 3.6	928	39	11.8	- 4	+ 2	9.2	K 0
12,145	31 4948	L 10042			35 15.37	2.9831	178	31 50 20.4	929	38	12.6	+ 37	- 70	9.4	
12,146	30 5000	L 10043			23 35 16.60	+2.9874	+0.0171	30 36 56.3	+19.929	+0.038	12.3	+ 75	- 20	9.2	G 0
12,147	25 4982	C 14200			35 28.55	3.0036	142	25 45 31.7	931	38	13.2	- 23	- 2	9.4	
12,148	26 4671	C 14201	712	46363	35 30.07	2.9998	150	27 0 56.7	932	38	11.8	+ 39	+ 28	6.75	K 0
12,149	26 4672	C 14202			35 30.39	3.0013	148	26 31 21.5	932	38	12.6	+ 14	+ 3	8.8	
12,150	26 4673	C 14203	713	46364	35 31.63	3.0021	147	26 18 9.1	932	38	12.2	+ 105	+ 40	7.65	G 0

12,105. Burnham 12,432. Number of observations 14.

12,115. Number of observations 6.

12,122. Number of observations 1.

12,122, 12,124. These stars form the pair Σ 3026, magnitudes 9.3 and 8.8.

12,123. Observed as one mass. Number of observations 2.

12,124. Number of observations 3.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 5.0001.	Dec. ".001.		
12,151	23 4784	B 9061	722-3	46369-70	23 35 46.38	+3.0094	+0.133	24 5 31.8	+19.934	+0.38	11.8	- 31	- 17	8.4	K o
12,152	23 4785	B 9063	727-9	46376-8	35 59.33	3.0097	133	24 11 43.4	936	37	10.8	+ 43	+ 36	7.82	F 5
12,153	27 4593	C 14205	731-2	46392-3	36 10.20	3.0006	152	27 23 37.8	938	37	10.0	+ 1	+ 2	8.6	A o
12,154	24 4813	C 14206	733-6		36 11.64	3.0070	140	25 17 22.9	938	36	9.8	- 7	- 20	8.3	
12,155	27 4594	C 14207		46414.	36 40.69	2.9995	159	28 17 1.6	942	36	9.3	+ 10	+ 1	9.4	
12,156	30 5002	L 10052	747		23 36 58.87	+2.9921	+0.175	30 58 7.0	+19.945	+0.35	10.4	- 33	- 41	8.9	K o
12,157	27 4598	C 14212			37 14.86	3.0016	158	28 9 8.9	947	35	10.7	- 11	+ 10	9.7	
12,158	23 4792	B 9066		46449	37 23.87	3.0131	135	24 17 38.8	949	35	10.6	- 2	+ 23	8.7	K o
12,159	24 4814	B 9067			37 24.13	3.0119	137	24 44 36.7	949	35	11.3	+ 4	+ 23	9.0	A o
12,160	25 4987	C 14213	761		37 32.01	3.0104	141	25 23 12.2	950	34	10.4	- 4	- 22	8.6	
12,161	23 4793	B 9069	762-4	46450	23 37 35.17	+3.0138	+0.135	24 13 47.6	+19.950	+0.34	11.3	- 62	+ 68	8.6	F 5
12,162	24 4815	C 14214			37 35.61	3.0113	140	25 8 33.0	950	34	11.6	+ 10	+ 12	9.3	
12,163	23 4796	B 9072	770	46454	37 42.31	3.0139	136	24 16 42.3	951	34	11.8	+ 21	- 14	8.8	
12,164	31 4955	L 10057			37 43.76	2.9916	182	31 58 38.4	951	34	11.8	- 11	+ 5	9.2	K o
12,165	27 4600	C 14215		46455	37 47.59	3.0044	157	27 48 52.5	952	34	11.9	- 4	- 26	8.9	K o
12,166	28 4616	C 14216		46458	23 37 52.87	+3.0031	+0.160	28 19 52.9	+19.953	+0.33	12.7	- 5	+ 4	9.3	
12,167	27 4601	C 14217	776	46461	37 55.61	3.0035	159	28 13 22.4	953	33	12.0	+ 14	+ 8	9.0	A o
12,168	30 5006	C 14218	777-8		37 55.85	2.9969	173	30 28 31.3	953	34	11.8	- 38	- 110	9.0	F 8
12,169	24 4819	B 9074			38 14.41	3.0136	140	24 55 19.6	956	33	10.3	+ 25	+ 61	9.4	
12,170	28 4618	C 14220			38 16.10	3.0023	164	29 1 43.1	956	33	11.2	- 16	- 13	9.4	
12,171	27 4603	C 14223	787		23 38 28.70	+3.0055	+0.159	28 8 37.0	+19.958	+0.33	9.4	- 16	+ 25	9.9	
12,172	31 4960	L 10062	795		38 47.32	2.9957	182	31 52 18.6	960	32	9.4	+ 36	+ 14	9.2	F 8
12,173	24 4822	B 9079	798-9	46490-2	39 1.57	3.0166	139	24 35 50.1	962	32	8.4	+ 4	- 8	8.0	K o
12,174	28 4623	C 14229			39 9.31	3.0058	164	28 47 9.6	963	32	11.0	+ 66	+ 16	9.4	
12,175	27 4606	C 14231	803		39 11.80	3.0082	159	27 56 47.9	963	31	10.5	+ 49	- 1	8.8	
12,176	29 4982	C 14232	804		23 39 15.38	+3.0021	+0.172	30 13 46.0	+19.964	+0.31	11.0	+ 60	- 29	9.3	
12,177	28 4624	C 14234		46497	39 16.86	0073	161	28 22 58.3	964	31	9.8	+ 12	+ 57	8.8	K 2
12,178	26 4678	C 14237			39 21.28	0107	154	27 12 40.0	965	31	11.3	+ 128	+ 33	9.4	
12,179	28 4627	C 14239		46504-5-6	39 27.65	0066	164	28 51 47.1	965	31	10.3	+ 54*	- 36*	4.98	K o
12,180	28 4628	C 14240		46509	39 29.22	0068	164	28 47 48.5	966	31	9.8	+ 26	+ 7	8.8	
12,181	26 4679	C 14241	809		23 39 45.54	+3.0123	+0.154	27 4 34.0	+19.968	+0.31	8.7	+ 13	- 13	8.7	
12,182	28 4630	C 14243	812		40 2.07	0073	167	29 16 17.1	970	30	9.3	- 17	+ 5	8.6	K o
12,183	28 4633	C 14247	818	46536	40 21.33	0107	162	28 20 59.9	972	29	10.4	- 20	0	9.3	
12,184	28 4634	C 14250	819		40 31.76	0095	167	29 3 44.3	974	29	9.56	+ 705	+ 18	8.9	K o
12,185	30 5013	L 10069			40 39.71	0048	179	31 1 23.4	975	29	10.8	+ 42	- 28	9.2	
12,186	30 5014	L 10070	822		23 40 39.97	+3.0043	+0.180	31 11 24.1	+19.975	+0.29	11.0	- 8	+ 10	9.4	
12,187	30 5015	C 14251			40 43.09	0067	175	30 22 32.8	975	29	11.6	- 20	+ 14	9.4	
12,188	31 4965	L 10073	823		40 51.31	0036	184	31 41 31.0	976	28	10.4	+ 3	+ 3	8.8	G o
12,189	25 4996	C 14252			40 53.39	0194	145	25 30 19.9	976	28	11.5	- 5	+ 9	9.2	
12,190	24 4827	C 14253	827		40 55.57	0203	144	25 10 21.0	977	28	11.4	+ 15	+ 17	9.2	
12,191	30 5016	L 10074		46551-2	23 40 56.47	+3.0052	+0.181	31 14 7.0	+19.977	+0.28	10.4	+ 1	- 16	8.2	K 2
12,192	24 4828	B 9084	825		41 2.43	0211	143	24 58 20.4	977	28	11.6	+ 23	+ 11	8.8	F 5
12,193	25 4997	C 14254			41 7.92	0198	146	25 37 56.9	978	28	11.6	+ 108	- 25	9.4	
12,194	25 4998	C 14255	829		41 13.97	0196	147	25 50 11.4	979	27	8.9	- 41	- 42	7.80	K 5
12,195	27 4614	C 14256		46561-3	41 16.64	0153	159	27 40 41.9	979	27	10.1	+ 3	- 25	8.05	F 5
12,196	29 4989	C 14257	832	46564	23 41 21.65	+3.0095	+0.174	30 8 48.9	+19.980	+0.27	11.3	+ 77	- 69	9.2	
12,197	31 4967	L 10078			41 25.21	0058	184	31 39 6.2	980	27	11.6	- 7	- 22	9.4	
12,198	29 4993	C 14258			41 46.47	0126	171	29 26 23.1	983	27	11.2	+ 30	- 21	9.4	
12,199	25 5000	C 14260			41 53.44	0207	150	26 9 59.5	983	26	12.0	+ 17	+ 22	9.4	
12,200	27 4617	C 14261	842	46581-3	41 53.44	0160	162	28 12 13.8	983	26	9.5	- 4	- 4	7.25	K 2

12,179. Burnham 12,532.

12,180. Number of observations 6.

12,194. Number of observations 4.

No.	B.D.	A.G.C.	W.B. (z).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
12,201	27 4618	C 14263			h m s	s	s	° ' "	"	"	12.4	— 8	— 171	9.4	
12,202	25 5001	C 14264			42 7.74	0224	148	25 49 44.0	985	26	10.4	— 5	+ 50	9.2	
12,203	28 4638	C 14265	848	46589	42 9.24	0160	165	28 30 18.0	985	26	11.6	— 15	— 6	8.9	K 2
12,204	27 4619	C 14267		46594	42 20.09	0180	161	27 55 13.3	986	25	9.2	0	— 26	7.45	Ma
12,205	30 5021	L 10087			42 25.81	0118	178	30 40 49.7	987	25	11.4	+ 4	— 5	9.2	
12,206	26 4685	C 14268	853		23 42 26.32	+3.0211	+0.0153	26 41 18.0	+19.987	+0.025	10.5	+ 4	— 21	8.7	
12,207	25 5002	C 14269	854		42 26.70	0240	147	25 22 43.8	987	25	11.8	+ 28	— 2	9.4	
12,208	31 4968	L 10088			42 37.09	0108	183	31 20 50.8	988	25	12.1	+ 28	+ 25	9.4	
12,209	30 5022	L 10090	860		42 41.95	0120	181	30 59 13.2	989	24	10.8	— 6	— 2	8.8	K 2
12,210	29 4996	C 14272			42 42.03	0138	176	30 13 39.8	989	24	11.7	+ 51	— 23	9.3	
12,211	25 5004	C 14273		46605	23 42 49.76	+3.0243	+0.0149	25 43 44.0	+19.990	+0.024	11.0	+ 8	+ 34	8.8	
12,212	25 5005	C 14274	863-4	46606	42 50.45	0245	148	25 37 54.0	990	24	10.6	— 10	+ 8	8.21	M b
12,213	24 4834	C 14276	866	46611	42 56.48	0260	145	25 4 47.4	990	24	10.2	— 2	— 2	7.06	K o
12,214	26 4687	C 14279	868		43 5.37	0230	154	26 40 48.2	991	24	11.6	+ 8	— 3	8.8	K 2
12,215	27 4621	C 14281	871-2	46622	43 13.62	0208	162	27 54 25.9	992	24	11.3	+ 26	+ 1	8.2	A 2
12,216	30 5025	L 10094			23 43 18.26	+3.0145	+0.0179	30 45 33.5	+19.993	+0.023	11.1	+ 4	+ 20	9.2	
12,217	27 4622	C 14282		46627	43 26.40	0209	164	28 6 55.9	994	23	11.7	+ 21	— 30	9.0	
12,218	26 4691	C 14285	878		43 39.30	0235	158	27 13 4.8	995	23	11.1	— 55	— 112	8.0	F 5
12,219	28 4643	C 14286			43 40.16	0212	165	28 20 7.9	995	23	12.0	+ 24	+ 35	9.2	
12,220	26 4692	C 14288			43 57.04	0256	155	26 38 16.5	997	22	12.9	+ 116	+ 8	8.8	
12,221	29 5002	C 14289	883	46638	23 43 58.04	+3.0185	+0.0176	30 1 39.2	+19.997	+0.023	11.6	+ 8	— 8	8.9	
12,222	24 4836	C 14290	881	46640	43 59.05	0287	147	25 9 15.9	997	22	11.2	— .94	— 36	6.97	F 2
12,223	24 4837	B 9096	882		44 0.05	0299	143	24 34 41.2	997	22	11.8	+ 9	— 6	9.4	
12,224	25 5009	C 14291			44 1.29	0269	152	26 4 33.9	997	22	12.2	+ 19	+ 26	9.3	
12,225	27 4625	C 14292	886	46642	44 2.21	0233	162	27 52 15.1	997	22	10.8	— 9	— 2	7.35	K o
12,226	30 5028	L 10101	890	46652-3-4	23 44 18.43	+3.0170	+0.0184	31 13 38.1	+19.999	+0.021	12.2	+ 10	+ 9	7.9	A 2
12,227	25 5012	C 14295		46657	44 22.93	0285	150	25 48 54.3	999	21	12.0	— 5	— 3	8.2	
12,228	28 4645	C 14296			44 24.88	0229	167	28 40 1.1	20.000	21	12.5	+ 3	+ 26	9.4	
12,229	31 4972	L 10102		46659	44 25.54	0168	186	31 32 31.4	000	21	12.4	+ 26	— 6	8.6	
12,230	25 5014	C 14298			44 33.20	0294	149	25 33 45.8	000	21	13.3	— 47	— 21	9.4	
12,231	24 4840	B 9099			23 44 38.77	+3.0318	+0.0143	24 29 16.8	+20.001	+0.021	12.6	+ 39	+ 11	9.4	
12,232	30 5030	L 10103			44 41.08	0191	181	30 53 56.6	001	21	12.0	— 26	+ 26	9.4	
12,233	26 4694	C 14299	894		44 44.34	0268	159	27 10 52.2	002	21	12.1	— 12	— 6	9.0	
12,234	28 4646	C 14300			44 44.57	0228	172	29 12 52.0	002	21	11.8	+ 30	+ 1	8.9	A 2
12,235	24 4841	B 9101	896-7		44 45.40	0314	145	24 50 46.5	002	21	11.3	— 37	— 20	8.3	K o
12,236	26 4695	C 14301			23 44 47.05	+3.0282	+0.0155	26 32 2.9	+20.002	+0.021	10.8	— 28	— 11	7.85	K o
12,237	28 4647	C 14302	903		44 53.59	0233	172	29 13 9.6	002	21	12.2	+ 23	+ 20	9.4	
12,238	24 4843	C 14303	902		44 54.60	0310	147	25 16 7.1	003	20	12.3	— 3	+ 17	8.9	
12,239	28 4649	C 14304	905	46674	45 5.94	0257	166	28 20 28.7	004	20	10.7	+ 54*	+ 19*	5.91	A 3
12,240	28 4648	C 14305	906		45 7.52	0250	168	28 44 14.2	004	20	12.6	— 25	+ 31	9.3	
12,241	26 4698	C 14307	908	46678	23 45 16.88	+3.0285	+0.0159	27 10 50.3	+20.005	+0.020	10.4	+ 27	+ 16	6.94	F o
12,242	25 5015	C 14308			45 18.00	0314	150	25 39 15.7	005	20	11.2	+ 25	+ 5	8.6	
12,243	31 4974	L 10108		46681	45 21.74	0202	187	31 31 59.6	005	20	12.4	+ 26	— 16	9.4	
12,244	30 5033	L 10110			45 24.13	0222	181	30 35 8.6	005	20	12.0	— 4	0	9.2	
12,245	29 5006	C 14309	909	46682	45 24.24	0242	174	29 33 39.6	005	20	11.4	+ 27	+ 36	9.0	F 8
12,246	30 5034	L 10112			23 45 26.93	+3.0219	+0.0182	30 50 55.0	+20.006	+0.020	12.2	— 11	+ 12	9.4	
12,247	24 4844	B 9108		46688	45 37.29	0345	142	24 21 26.9	007	18	9.8	— 42	+ 11	7.51	A o
12,248	25 5017	C 14310			45 47.67	0324	151	25 49 59.4	007	19	10.8	— 27	+ 19	8.8	
12,249	30 5035	C 14311			45 48.62	0241	180	30 21 51.2	008	20	11.4	— 6	— 181	9.4	
12,250	29 5007	C 14313	915		45 53.09	0253	177	29 51 9.7	008	19	11.6, 10.8	+ 207	— 10	9.4	

12,210. This is the principal star of a close pair.

12,214, 12,241. Number of observations 6.

12,241. Burnham 12,583.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. 8.0001.	Dec. 7.001.		
12,251	24 48.46	B 9109		46706	23 46 7.95	+3.0352	+0.146	24 48 0.0	+20.009	+0.018	10.0	- 27	- 29	8.6	G 5
12,252	24 48.47	B 9111			46 9.31	0354	145	24 41 12.0	009	18	11.7	- 3	+ 8	9.4	
12,253	27 46.30	C 14316	921		46 18.27	0311	161	27 22 57.3	010	18	11.8	+ 44	+ 10	9.2	
12,254	30 50.37	L 10118	922	46708-9	46 20.36	0244	185	31 7 2.1	010	18	10.8	+ 20	- 3	8.6	A 5
12,255	30 50.38	L 10120	926	46715-6	46 34.26	0249	186	31 17 22.8	012	17	9.9	- 4	+ 2	8.7	
12,256	25 50.23	C 14317			23 46 38.51	+3.0350	+0.151	25 43 32.0	+20.012	+0.017	10.7	+ 2	+ 2	9.3	
12,257	27 46.31	C 14319			46 53.38	0314	168	28 17 0.5	013	17	10.6	+ 6	- 29	9.4	
12,258	26 47.07	C 14320	937	46734	46 54.06	0339	158	26 50 9.3	013	17	9.2	- 8	- 13	8.4	K 0
12,259	24 48.48	B 9117	940		47 7.48	0377	146	24 51 48.3	014	17	12.2	- 24	- 6	9.3	
12,260	29 50.12	C 14323	941		47 12.76	0293	180	30 6 48.9	015	17	11.7	- 29	- 20	9.5	
12,261	24 48.51	B 9118			23 47 27.83	+3.0392	+0.145	24 30 34.8	+20.016	+0.016	10.2	- 4	+ 5	9.4	
12,262	27 46.33	C 14325	947	46754	47 40.33	0342	168	28 4 34.1	017	16	9.6	+ 3	+ 10	8.6	
12,263	31 49.82	L 10126			47 41.86	0280	192	31 49 50.9	017	16	10.9	- 19	+ 23	9.2	
12,264	27 46.34	C 14326	955	46765	47 51.96	0346	168	28 12 3.7	018	15	11.5	+ 15	- 8	9.4	
12,265	28 46.55	C 14327	956	46773	47 59.65	0346	170	28 27 6.7	018	15	9.0	- 13	+ 19	8.6	A 0
12,266	24 48.52	C 14328	958-9		23 48 3.75	+3.0396	+0.150	25 16 52.5	+20.019	+0.015	10.7	+ 9	+ 7	8.81	A 2
12,267	28 46.56	C 14329	962		48 8.16	0345	172	28 49 37.8	019	15	8.9	- 27	- 24	9.4	
12,268		C 14330			48 8.61	0345	172	28 49 38.9	019	15	11.4	- 27	- 24		
12,269	28 46.57	C 14330			48 13.87	0343	174	29 6 29.3	020	15	9.8	+ 23	- 17	9.4	
12,270	31 49.87	L 10134	968	46793-5	48 25.23	0310	190	31 33 55.5	020	14	9.6	- 29	- 5	8.2	F 8
12,271	29 50.14	C 14332		46794	23 48 26.94	+3.0333	+0.181	30 13 7.4	+20.020	+0.014	9.7	+ 17	- 16	8.41	K 2
12,272	25 50.34	C 14333	971-2-3	46803-4	48 32.34	0406	152	25 29 56.9	021	14	9.3	+ 79	- 44	7.68	K 0
12,273	29 50.15	C 14334			48 33.13	0348	176	29 27 23.1	021	14	9.9	+ 24	- 23	9.3	
12,274	31 49.89	L 10136	975	46807-8-10	48 37.14	0320	190	31 24 34.9	021	14	8.9	+ 10	- 10	7.36	F 2
12,275	31 49.88	L 10137		46809	48 37.20	0312	193	31 54 28.7	021	14	9.8	+ 12	+ 9	8.2	G 0
12,276	28 46.62	C 14336	980	46820-1	23 49 6.92	+3.0383	+0.170	28 18 23.5	+20.023	+0.013	10.0	+ 37	+ 5	8.6	A 0
12,277	23 48.21	B 9128			49 8.43	0441	144	24 10 55.6	023	13	9.8	+ 4	+ 19	9.2	
12,278	29 50.20	C 14337	983	46830-1	49 19.22	0361	183	30 16 12.6	024	12	10.0	- 54	- 21	8.01	F 0
12,279	30 50.44	L 10144	986		49 25.25	0359	185	30 41 50.4	025	12	10.2	- 7	- 29	8.8	
12,280	31 49.94	L 10146			49 41.91	0359	190	31 20 37.4	026	12	11.7	+ 11	- 2	9.4	
12,281	31 49.93	L 10147			23 49 42.20	+3.0351	+0.194	31 53 25.8	+20.026	+0.012	10.8	- 13	- 19	9.2	
12,282	24 48.56	B 9132	988	46842	49 44.15	0451	147	24 37 59.6	026	12	10.8	+ 19	- 35	8.2	A 0
12,283	31 49.95	L 10148		46844-5	49 45.41	0360	191	31 23 59.7	026	12	11.1	- 8	- 22	8.4	K 0
12,284	28 46.65	C 14340		46851	49 55.34	0397	175	29 8 31.8	027	12	10.9	+ 10	- 176	9.0	G 5
12,285	27 46.40	C 14341			49 59.01	0423	164	27 21 55.8	027	11	11.2	+ 6	- 50	9.0	
12,286	30 50.47	L 10151	991	46862	23 50 10.75	+3.0383	+0.187	30 49 45.7	+20.028	+0.011	10.9	- 6	- 11	9.0	K 0
12,287	28 46.66	C 14345	996	46869	50 21.77	0414	175	28 58 29.5	028	10	12.1	+ 19	+ 12	6.59	B 9
12,288	27 46.42	C 14346		46867	50 25.60	0427	170	28 7 54.6	028	10	10.5, 9.8	+ 439	+ 4	7.30	G 5
12,289	28 46.67	C 14347	998	46855	50 26.83	0417	175	28 56 59.3	029	10	9.6	+ 6	- 21	8.8	
12,290	28 46.69	C 14348	1003		50 31.69	0422	174	28 44 35.9	029	10	10.1	- 8	0	9.2	
12,291	25 50.42	C 14349	1004-5-6	46881-2	23 50 48.13	+3.0470	+0.154	25 27 16.0	+20.030	+0.010	9.2	+ 9	+ 5	6.67	K 5
12,292	24 48.61	B 9142			51 5.16	0486	148	24 38 40.2	031	09	10.1	+ 142	- 30	8.8	G 5
12,293	27 46.46	C 14354			51 25.69	0458	171	28 7 11.5	032	08	10.8	+ 3	+ 1	9.4	
12,294	27 46.47	C 14355			51 27.42	0463	168	27 44 36.0	032	08	10.8	+ 73	+ 29	9.4	
12,295	30 50.53	L 10159	1019	46909	51 30.11	0432	185	30 34 43.5	032	08	8.8	- 1	- 68	7.51	F 0
12,296	24 48.62	B 9147		46910	23 51 32.00	+3.0496	+0.150	24 50 18.6	+20.032	+0.008	9.2	+ 57	+ 58	8.9	G 0
12,297	29 50.27	C 14356			51 36.42	0450	178	29 20 0.1	033	08	11.6	+ 14	- 19	10.6	
12,298	28 46.70	C 14357	1021	46915	51 41.49	0464	173	28 22 33.1	033	07	10.3	+ 19	+ 14	9.2	A 0
12,299	31 50.00	L 10161			51 46.15	0431	193	31 29 11.4	033	08	11.8	+ 4	+ 3	9.4	
12,300	27 46.48	C 14358			51 50.13	0470	172	28 12 14.0	033	07	10.4	+ 14	- 21	9.4	

12,262. Burnham 12,606.

12,267. Number of observations 1.

12,269. Number of observations 4.

12,294. Burnham 12,636.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. "0001.	Dec. "001.		
12,301	30 5056	L 10164	1031		h m s	s	s	o ' "	"	"					
12,302	31 5003	L 10165	1033		23 52 12.71	+3.0453	+0.190	30 54 55.9	+20.034	+0.008	10.6	- 34	0	9.3	M a B 9
12,303	26 4714	C 14363	1034	46937	52 23.09	0449	196	31 50 11.6	035	6	9.6	- 13	+ 3	8.8	
12,304	26 4713	C 14364			52 26.60	0500	165	27 4 22.0	035	6	8.9	+ 13	+ 2	7.50	
12,305	26 4715	C 14365			52 26.76	0507	160	26 19 17.1	035	6	10.0	+ 16	- 7	9.2	
12,306		C 14367			52 32.58	0501	167	27 16 47.0	035	6	10.6	+ 19	- 66	9.4	
12,307	27 4652	C 14368	1041		23 52 38.84	+3.0484	+0.178	29 19 42.7	+20.036	+0.006	14.1			9.4	M b
12,308	26 4716	C 14369			52 40.45	0499	170	27 55 14.4	036	6	11.9	+ 4	+ 4	9.4	
12,309	26 4717	C 14370	1045	46950	52 42.25	0509	165	26 55 24.4	036	6	12.5	+ 23	+ 7	9.4	
12,310	24 4863	B 9155			52 45.42	0508	166	27 14 23.7	036	5	10.4	- 5	0	9.0	
12,311	24 4864	B 9156			52 50.93	0534	150	24 36 31.1	036	5	12.3	+ 71	- 6	9.4	
12,312	24 4865	B 9157		46965	23 53 4.33	+3.0538	+0.151	24 49 16.0	+20.037	+0.005	12.7	+ 83	+ 18	9.4	F o
12,313	30 5059	L 10169			53 10.25	0542	150	24 38 28.4	037	4	11.8	- 31*	- 37*	4.75	
12,314	27 4653	C 14374	1053		53 11.24	0490	188	30 32 24.9	037	6	12.3	+ 24	+ 8	9.4	
12,315	31 5007	L 10173	1054-6	46967	53 15.18	0517	170	27 51 30.4	037	4	13.0	+ 14	+ 27	9.3	
12,316	29 5034	C 14376		46968-9	53 27.72	0491	195	31 31 45.4	038	4	11.1	- 14	0	8.4	
12,317	27 4655	C 14377		46970	23 53 30.03	+3.0511	+0.180	29 28 36.7	+20.038	+0.004	11.6	+ 98	- 39	8.7	K o
12,318	30 5061	L 10174			53 30.11	0522	172	28 9 29.0	038	5	11.6	+ 1	- 29	8.7	
12,319	24 4866	C 14378			53 30.44	0501	190	30 39 29.1	038	5	11.5	- 14	+ 147	8.8	
12,320	31 5008	L 10176	1036		53 33.75	0548	154	25 14 50.2	038	4	13.0	- 35	- 19	9.4	
12,321	28 4678	C 14379	1060	46980-3	53 34.59	0493	197	31 46 27.5	038	4	13.1	+ 9	0	9.2	
12,322	31 5010	L 10178	1064-5		23 53 47.91	+3.0530	+0.174	28 20 17.5	+20.039	+0.004	10.8	+ 6	0	8.4	A 3
12,323	30 5065	L 10179			53 53.94	0508	194	31 21 0.9	039	3	11.8	+ 35	+ 10	9.0	
12,324	31 5011	L 10180	1070-1	46995	54 7.89	0518	193	31 9 20.0	039	3	12.0	+ 17	- 5	8.8	
12,325	30 5066	C 14380		47000	54 9.84	0517	195	31 26 31.3	039	3	12.2	+ 33	- 138	8.4	
12,326	31 5012	L 10183	1073		54 12.04	0527	187	30 19 10.9	040	3	12.0	+ 54	+ 7	8.36	
12,327	25 5050	C 14381	1076		23 54 13.70	+3.0516	+0.198	31 52 50.9	+20.040	+0.002	10.8	+ 6	+ 1	6.36	B 5
12,328	25 5051	C 14382			54 18.69	0562	161	26 7 37.8	040	3	12.2	+ 27	- 2	8.6	
12,329	24 4869	C 14383			54 18.97	0566	157	25 36 47.9	040	3	13.0	+ 8	+ 11	8.8	
12,330	28 4680	C 14385	1078	47010	54 23.67	0572	154	25 4 43.4	040	3	12.0	+ 33	+ 6	9.3	
12,331	26 4721	C 14386	1088	47019	54 27.79	0548	177	28 42 11.1	040	3	11.4	- 3	- 37	9.4	
12,332	23 4834	B 9173	1089		23 54 41.94	+3.0569	+0.164	26 46 9.3	+20.041	+0.001	11.0	- 16	- 12	8.3	G 5 K 2
12,333	28 4683	C 14387	1093	47036	54 45.50	0587	149	24 15 50.5	041	2	12.0	+ 91	- 20	8.9	
12,334	27 4658	C 14388			54 59.77	0566	177	28 33 24.2	041	2	11.0	- 15	+ 18	9.0	
12,335	26 4722	C 14389		47046	55 7.92	0574	174	28 6 46.1	041	2	12.2	+ 26	- 6	9.3	
12,336	24 4872	B 9176	1098		55 13.91	0587	163	26 26 50.8	042	0	12.5	+ 16	- 25	9.0	
12,337	24 4871	C 14390	1099-100		23 55 16.22	+3.0598	+0.152	24 42 36.8	+20.042	000	12.8	+ 6	- 19	9.4	F 8 K o
12,338	30 5069	L 10188			55 16.46	0596	155	25 9 50.7	042	0	12.2	+ 3	- 9	9.4	
12,339	26 4727	C 14394	1110	47060	55 24.82	0564	193	31 1 52.0	042	0	11.6	+ 7	- 27	8.7	
12,340	30 5071	L 10192	1114	47063	55 47.47	0603	162	26 25 6.5	043	-0.001	10.6	+ 35*	- 43*	6.38	
12,341	27 4661	C 14396		47069	55 51.07	0581	192	30 43 33.6	043	- 1	9.7	+ 8	- 65	8.31	
12,342	25 5055	C 14395	1117-8-9	47068	23 55 53.62	+3.0597	+0.175	28 10 33.2	+20.043	-0.001	10.8	+ 4	- 20	9.3	K o F 2
12,343	30 5072	L 10193			55 53.78	0612	156	25 20 37.9	043	0	9.9	+ 12	- 15	8.11	
12,344	23 4839	B 9181			55 55.85	0581	196	31 16 17.7	043	1	11.6	- 4	- 3	9.4	
12,345	29 5042	C 14397	1126-7	47075-6	56 9.61	0625	149	24 4 59.7	043	1	9.8	- 44	- 38	9.0	
12,346	26 4729	C 14399			56 12.05	0598	186	29 53 42.1	043	1	10.0	+ 12	- 3	8.7	
12,347	28 4688	C 14401	1131	47081	23 56 13.53	+3.0613	+0.168	27 5 14.3	+20.043	-0.001	12.8	- 23	- 21	10.6	G o
12,348	27 4663	C 14402			56 19.03	0608	179	28 38 28.5	043	1	12.2	- 34	- 10	9.4	
12,349	29 5046	C 14406	1146-7-8	47102-3	56 22.82	0616	170	27 23 7.6	044	2	11.7	+ 180	- 2	9.4	
12,350	31 5018	L 10204	1116		56 52.88	0619	190	30 14 8.9	044	3	9.2	- 10	- 33	8.01	
					56 53.26	0614	198	31 25 29.9	044	3	10.8	+ 43	+ 14	9.4	

12,312. Number of observations 32.

12,349. Burnham 12,697.

No.	B.D.	A.G.C.	W.B. (2).	Lalande.	R.A. 1910.0.	Precession.	Sec. Var.	Dec. 1910.0.	Precession.	Sec. Var.	Epoch 1900+	Annual P.M.		Mag.	Spectral Type.
												R.A. ".0001.	Dec. ".001.		
	°				h m s	s	s	° ' "	"	"					
12,351	30 5077	L 10205	1149		23 56 54.04	+3.0615	+0.0197	31 16 14.6	+20.044	-0.003	10.4	- 5	+ 27	9.4	
12,352	27 4664	C 14407	1152	47070-105	56 58.82	0632	174	27 55 24.6	044	3	9.0	- 17	- 17	7.02	K 0
12,353	24 4877	B 9186			57 13.98	0651	154	24 44 38.8	045	4	9.0	+ 36	+ 1	9.3	
12,354	25 5058	C 14410			57 16.25	0649	160	25 36 58.4	045	3	10.0	+ 5	- 28	8.8	G 5
12,355	26 4734	C 14413	1159-60	47118	57 27.90	0651	166	26 36 22.2	045	4	8.43	+ 622*	- 986*	5.85	G 0
12,356	27 4666	C 14416	1168	47130	23 57 41.04	+3.0654	+0.0173	27 41 14.2	+20.045	-0.004	10.1	+ 47	+ 10	8.8	
12,357	24 4878	B 9192			57 52.57	0668	155	24 38 41.8	045	5	10.2	+ 42	- 13	8.6	
12,358	27 4667	C 14417		47145	58 3.81	0665	176	28 2 28.2	045	5	9.4	- 20	+ 13	8.2	A 3
12,359	29 5050	C 14418	1183		58 10.20	0664	186	29 33 51.9	045	6	10.2	- 29	+ 2	9.4	
12,360	27 4669	C 14419	1184	47152	58 13.39	0670	174	27 45 2.9	045	5	9.5	+ 26	+ 18	8.3	F 8
12,361	29 5051	C 14420	1185-6	47153-4	23 58 14.54	+3.0666	+0.0188	29 50 6.8	+20.045	-0.006	10.6	+ 34	+ 14	9.2	
12,362	31 5024	L 10213	1198-200-1-2		58 28.82	0671	198	31 22 8.8	046	6	9.6	- 21	- 36	8.4	
12,363	} 27 4670	C 14424	1218-9	47186	59 15.84	0703	173	27 28 48.1	046	8	7.8, 9.9	+ 3	0	} 8.7	
12,364					59 16.20	0703	173	27 28 46.0	046	8	11.1	+ 3	0		
12,365	31 5026	L 10219	1222-3		59 18.92	0701	200	31 30 33.1	046	8	10.2	- 23	- 30	8.8	G 5
12,366	31 5027	L 10220			23 59 31.32	+3.0708	+0.0204	31 48 39.7	+20.046	-0.008	9.5	+ 7	- 13	9.3	A
12,367	26 4739	C 14426			59 34.70	0713	168	26 30 34.5	046	8	11.6	+ 59	- 11	9.3	
12,368	26 4740	C 14427	1225		59 37.02	0714	171	27 11 45.4	046	8	10.8	- 43	- 29	9.4	

12,354. Number of observations 6. 12,355. This star is a binary β 733. 12,363. Number of observations 1 and 2. 12,363-4. Burnham 12,723, magnitudes 9.0 and 8.4.

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