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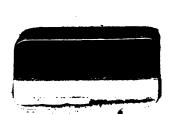
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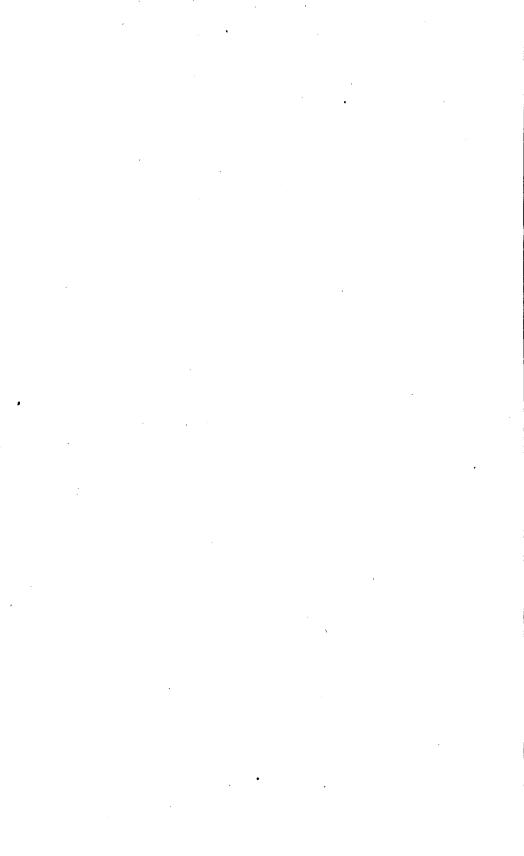
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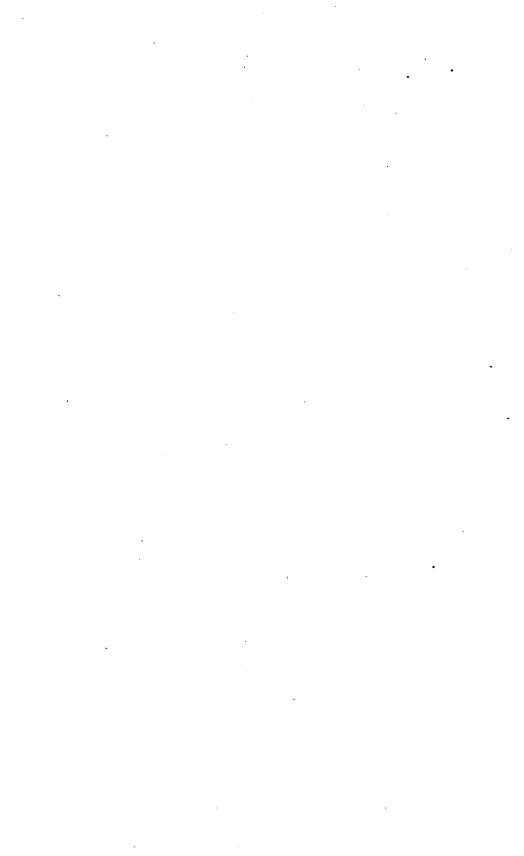
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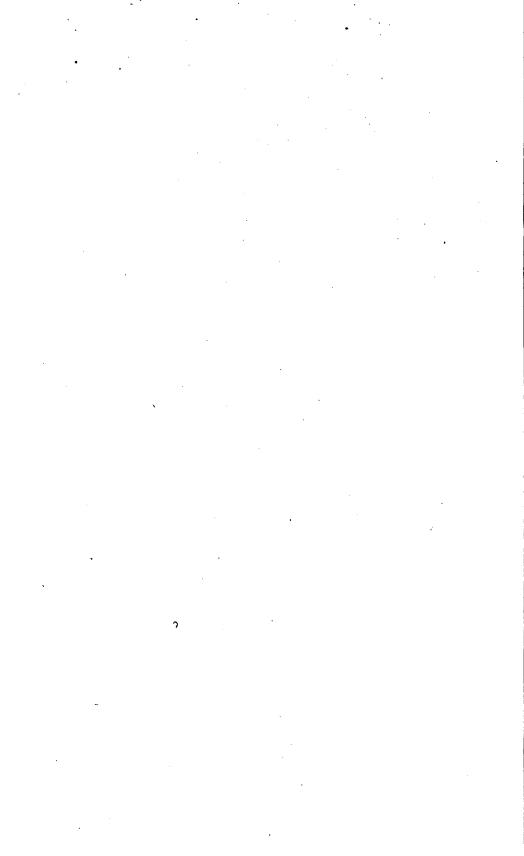
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HEALTH OFFICER'S

ANNUAL REPORT

OF

Births, Marriages and Deaths

FOR THE

CITY OF PHILADELPHIA.

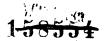
Health Office. Registration dept.
1884.

PHILADELPHIA:

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HEALTH OFFICE.

PHILADELPHIA, February, 1885.

To the Select and Common Councils of the City of Philadelphia.

GENTLEMEN:-

In obedience to law, I have the honor to present you my Annual Report of the Registration of Births, Marriages, and Deaths, which have occurred in the City during the year eighteen hundred and eighty-four.

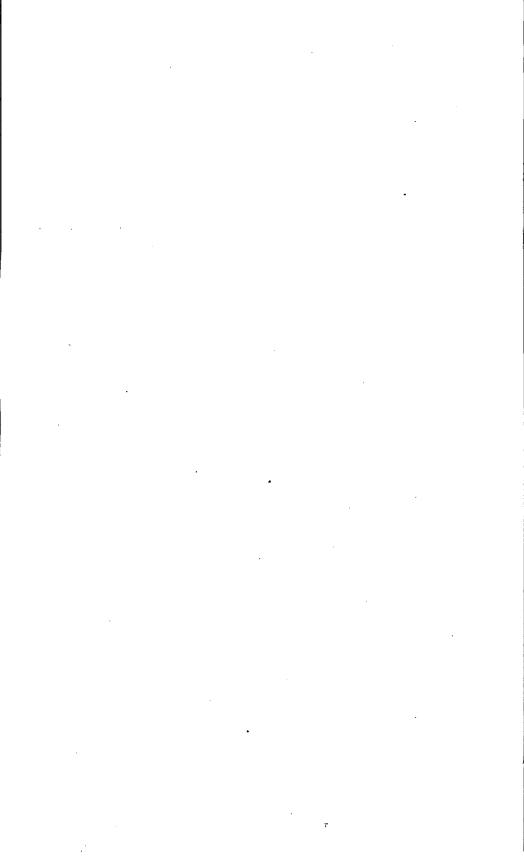
With high respect,

Your obedient servant,

M. VEALE,

Health Officer.

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HEALTH OFFICER'S ANNUAL REPORT

OF

BIRTHS, MARRIAGES, AND DEATHS,

1884.

REGISTRATION DEPARTMENT,

HEALTH OFFICE, Philadelphia, January, 1885.

To the President and Members of the Board of Health.

GENTLEMEN:—In accordance with the Act of Assembly, approved March 8, 1860, the following abstract of births, marriages, and deaths is respectfully presented through you to City Councils, for the year ending December 31, 1884.

The number of births registered during the year amounted to twenty-two thousand one hundred and sixty (22,160)—an increase over the previous year of nine hundred and twenty-three (923); the number of marriages were eight thousand six hundred and thirty-seven (8,637)—an increase over the previous year of four hundred and six (406); and the deaths amounted to nineteen thousand nine hundred and ninety-nine (19,999)—a decrease from previous year of seventy-seven.

The following table shows the ratio of deaths with population for the past twenty-four years:

Years.	Population.	' Deaths.	Deaths to 1000 persons living.	Persons living to 1 death.
			_ 0	
1861	576,408	13,540	23.49	42,57
1862	587,287	13,864	23.60	42.86
1863	598,166	14,220	23.73	42.06
1864	608,045	15,875	26.10	38.30
1865	618,924	15,638	25.25	39.59
1866	620,803	15,362	22.80	40.99
1867	640,682	12,660	19.76	50.60
1868	651,561	13,391	20.39	48.65
1869	662,440	13,428	20.27	49.33
1870	*674,022	15,317	22.72	44.00
1871	700,000	15,485	22.12	45.20
1872	725,000	18,987	26.19	38.18
1873	750,000	15,224	20.29	49.26
1874	775,000	15,238	19.66	50.86
1875	800,000	17,805	22.25	44.93
1876	825,594	18,892	22.88	43.69
1877	850,856	16,004	18.81	53.16
1878	876,118	15,743	17.97	55,65
879	901,380	15,473	17.17	58.25
1880	*846,980	17,711	20.91	47.82
881	868,000	19,515	22.48	44.47
1882	886,539	20,059	22,62	44.19
883	907,041	20,076	22.13	45.18
1884	927,995	19,999	21.55	46.40

^{*} U. S. Census—the intervening years population estimated.

The following comparative table will show the mean temperature of the summer months for the past nine years:

Months.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.
			<u> </u>						
June	74.20	71.70	67.90	71.70	73.8°	67.10	72.90	73.70	70.5°
July	78.6°	77.80	77.30	75.6°	75.60	75.50	77.4°	76.1°	71.80
August	74.30	75.5°	73.40	72.70	72.80	75.00	73.90	71.90	72.5°
Septemb'r	63.8°	68.8°	67.90	64.4°	67.70	74.80	69.10	64.5°	70.6°
Mean	72.720	72.95°	71.62°	71.100	72.470	73.10°	73.320	71.50	71.80

The number of deaths from Diphtheria amounted to six hundred and eighty (680), a decrease from the previous year of three hundred and twenty-six (326); the deaths from Scarlet Fever amounted to five hundred and forty (540).

	Diphtheria.	Scarlet Fever.
First quarter	196	220
Second quarter	112	177
Third quarter	114	56
Fourth quarter	258	87
Total	680	540

The following comparative table shows the number of deaths from each disease for the past sixteen years:

Years.	Diphtheria.	Scarlet Fever.
1868	119	224
1869	182	799
1870	172	956
1871	145	262
1872	150	174
1878	110	319
1874	179	461
1875	652	1,032
1876	708	328
1877	458	879
1878	464	₹554
	321	336
1880	323	291
1881	457	486
1882	933	. 310
1883	1,006	561
1884	680	540

BIRTHS.

The number of births registered during the year was twentytwo thousand one hundred and sixty (22,160), an increase over the previous year of nine hundred and twenty-three (923), or 4.34 per cent.

The number of male births was eleven thousand five hundred and ninety-seven (11,597), an increase over the previous year of four hundred and ninety-five (495); the female births numbered ten thousand five hundred and sixty-three (10,563), an increase over previous year of four hundred and twenty-eight (428).

The following table will show the number of births in each month, the number of colored births, also the still-births, twins, and triplets:

TABLE I.—BIRTHS.

1884.	Births.			Black.		Still-born.		.81	lets.
Months.	Total.	М.	F.	M.	F.	M.	F.	Twins.	Triplets.
January	1,936	1,040	896	19	14	49	52	19	
February	1,832	969	863	24	19	89	29	24	
March	1,856	971	885	16	14	51	41	20	
April	1,577	858	719	18	20	39	36	15	
May	1,706	890	816	30	26	49	29	18	1
June	1,868	983	885	28	22	28	28	19	2
July	1,878	948	935	83	19	54	38	23	
August	1,958	1,015	943	30	23	32	88	16	
September	1,937	1,022	915	34	22	45	23	16	
October	1,915	972	943	35	24	53	39	21	
November	1,779	921	858	24	24	48	37	9	
December	1,918	1,018	905	25	25	47	27	11	
Total	22,160	11,597	10,563	316	252	534	417	211	8

The number of births in each quarter of the year was as follows:

First qu	ıarter,	ending	March 31	5,624
Second	u	"	June 30	5,151
Third	u	"	September 30	5,773
Fourth	"	"	December 31	5,612
			•	22,160

The following table presents the births in each Ward during the year 1884:

TABLE II.

BIRTHS IN RACH WARD, 1884.								
First	1,257	Twelfth 408	Twenty-third 578					
Second	630	Thirteenth 377	Twenty-fourth 1,190					
Third	402	Fourteenth 541	Twenty-fifth 1,026					
Fourth	640	Fifteenth 1,105	Twenty-sixth 1,139					
Fifth	865	Sixteenth 455	Twenty-seventh 771					
Sixth	234	Seventeenth 614	Twenty-eighth 1,042					
Seventh	607	Eighteenth 657	Twenty-ninth 1,294					
Eighth	281	Nineteenth 1,398	Thirtieth 745					
Ninth	165	Twentieth 1,064	Thirty-first 841					
Tenth	897	Twenty-first 512	Unknown 335					
Eleventh	896	Twenty-second 689	22,160					

The largest number of births occurred in the Nineteenth Ward,—one thousand three hundred and ninety-eight (1,398), and the lowest in the Ninth Ward,—one hundred and sixty-five (165).

MARRIAGES.

The number of marriages registered during the year 1884 amounted to eight thousand six hundred and thirty-seven (8,637), an increase over the previous year of four hundred and six (406), or 4.93 per cent.

The number of marriages in each quarter of the year were as follows:

First qu	arter,	ending	March 31	1,894
Second	"	"	June 30	2,168
Third	"	"	September 30	1,938
Fourth	"	"	December 31	2,637
			·	8,637

The following table gives the birthplace of those married:

TABLE III.—MARRIAGES. Nativities of the parties.

		Birti				
	Nativities.	United States.	Foreign.	Not given.	Total of grooms.	
8 g	United States	5,177	488	39	5,704	
d i	Foreign	784	1,851	28	2,668	
Birthplace of Grooms.	Unknown	38	6	226	270	
	Total of brides	5,999	2,845	293	8,637	

The number of marriages in which both parties were natives of the United States was five thousand one hundred and seventy-seven (5,177), and the number of marriages in which both parties were of foreign birth was one thousand eight hundred and fifty-one (1,851), and the number of marriages in which the nativities of both parties were unknown was two hundred and twenty-six (226).

The number of men married, natives of the United States, amounted to five thousand seven hundred and four (5,704), and the number of women, five thousand nine hundred and ninety-nine (5,999). The nativities of two hundred and seventy (270) men, and two hundred and ninety-three (293) women, have been omitted.

The number of men of foreign birth married amounted to two thousand six hundred and sixty-three (2,663), of whom seven hundred and eighty-four (784) married women of the United States; one thousand eight hundred and fifty-one (1,851) married women of foreign birth. The following table will show the ages of the parties married during the year 1884:

TABLE IV .- MARRIAGES. Age of the Parties.

		AGES OF WOMEN.							یا	
	1884.	Under 20.	20 to 25.	25 to 80.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	Not given.	Total of men.
	Under 20	58	10		1					64
	20 to 25	915	1,835	223	48	5	1		17	3,044
Ŀ	25 to 30	353	1,555	800	180	9	•••••		13	2,860
M KN.	80 to 40	68	· 526	614	448	44	5		1	1,706
THE	40 to 50	5	57	76	201	97	9		1	446
	50 to 60	1	7	25	68	78	29	4		207
AGES OF	60 to 70		2	2	12	14	17	5	1	58
ă	70 to 80				1	4	2			7
	80 to 90		 				1			1
	Not given	5		1	1				242	249
	Total of the women	1,400	8,992	1,741	905	251	64	9	275	8,637

The number of men married under the age of twenty was sixty-four (64), while the women (of same age) amounted to one thousand four hundred (1,400); the number of men married between the age of twenty and twenty-five amounted to three thousand and forty-four (3,044), and the number of women between the same age, was three thousand nine hundred and ninety-two (3,992); the number of men married between twenty-five and thirty, was two thousand eight hundred and sixty (2,860), while the women, of same age, amounted to one thousand seven hundred and forty-one (1,741); the number of men married between thirty and fifty, amounted to two thousand one hundred and fifty-two (2,152); two hundred and sixty (260) men were married between fifty and seventy, and eight (8) married over seventy; nine (9) women were married between sixty and seventy.

Table V.—The following table will show the number of each sex in each division of age married during the year.

Ages not given.	3	272	624
106 01 08	1		-
108 04 04	7		7
 .07 😝 08	88	G.	62
 '09 0 1 09	202	ಪ	271
 10g ot 0¥	977	Ę	691
 .04 ed 08	1,706	90	2,611
38 49 30°	2,880	1,741	4,ept
.82 of 08	8,0 44	3,902	7,086
.6g tehaU	z	1,400	1,464
1987	Males	Femaler	Total

TABLE VI.—The following table will give the number of marriages solemnized during the year, with the various ceremonies employed.

2

Second Advent.		
Mennonite.		49
New Jerusalem.	1 1400 841	18
Congregation-	- 24	15
United Brethren.	00 H H H H H H H H H H H H H H H H H H	16
.nahatiaU		17
Frienda	6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -	19
Universalist.	1 6 1 1 2 2	ន
Moravian.	80180101401810 HD	32
Christian.	00-11000000000000000000000000000000000	\$
Evangelical Association.	010177460460466	3
Datch Reformed.	21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	23
Independent.	441-000000000040	62
Mayor.	21110	69
Нергеж.	1208000447	200
.etarisigaba	2882288322	340
Сеттава. Неботтова.	88 288 28233888	378
Baptist.	38888 223223	472
Lutheran.	8 3 8 2 4 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	988
Episcopal.	62 25 25 25 25 25 25 25 25 25 25 25 25 25	906
Presbyterian.	28 88 108 108 108 108 108 108 108 108 108	1,140
Catholic.	186 220 30 185 1162 1163 1141 1141 1188 229 229 116	1,920
Methodist.	145 174 174 174 130 140 190 208 213	2,180
Total,	666 707 707 707 629 629 730 730 730 831 736 736 736 736 736 736 736 736 736 736	8,637
1884. Мочтнв.	January Rebruary March April April July July September November December	Totals

The largest number of marriages occurred in the month of October, nine hundred and sixty-six (966), and the lowest number in the month of March, five hundred and twenty-one (521).

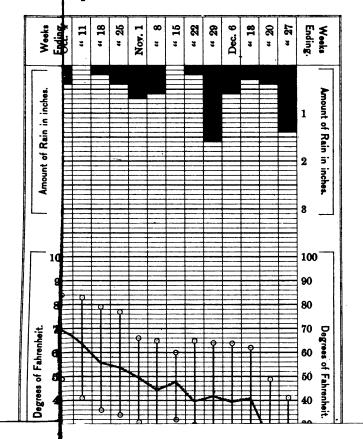
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TABLE VII.

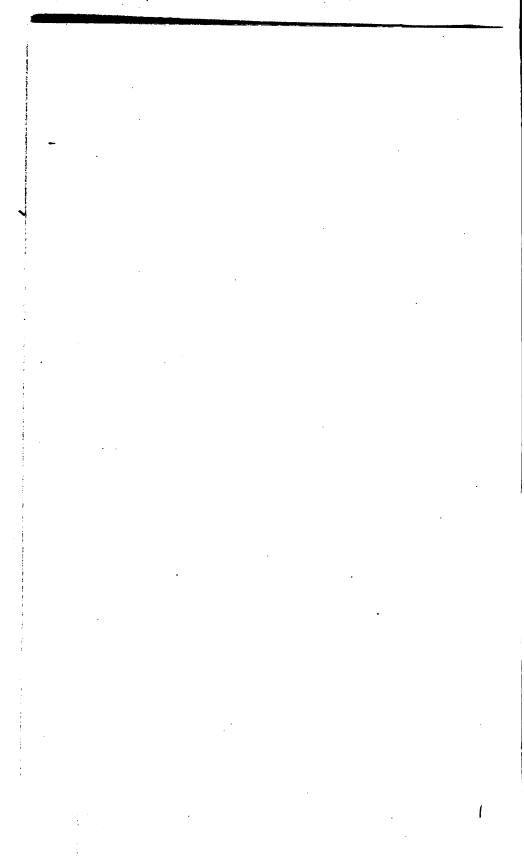
The following table shows the number of persons married, including both sexes, in each division of ages, in each of the past twenty-four years, from 1861 to 1884, inclusive.

Years.	Under 20.	20 to 25.	25 to 3 '.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Ages not given.
1861	696	2,422	2,114	1,193	362	88	2	4		657
1862	835	3,422	2,107	1,329	377	118	ន	0		1,096
1863	1,036	4,172	2,642	1,600	493	125	8	9	64	842
1864	1,349	5,316	3,171	1,752	285	158	88	-	-	1,136
1865	1,290	5,255	3,391	2,283	574	157	88	ဗ္		25
1866		5,322	3,526	2,116	620	171	9	9		1,106
1867		4,992	900	1,783	2	127	6	7		787
1868		4,916	2,992	1,915	286	177	ಷ	91		971
		4,854	3,127	1,748	212	100	ස	_		1,096
1870		5,028	3,129	1,842	238	176	21	4	81	106
1871		5,344	3,211	1,789	527	172	8	9	_	1,265
1872		5,315	3,230	1,902	537	172	8	10		611
1873		6,288	3,686	2,207	95	8	4	œ	63	1,069
1874		5,283	3,234	1,875	200	3	3	=		998
1875		4,814	2,960	1,799	212	157	47	-	-	751
1876		4,464	2,596	1,668	\$	153	8	2	_	190
1877		5,023	3,052	1,824	491	991	a	4		547
1878		5,012	3,021	1,964	479	171	3	ro.		109
1879	920	4,337	2,551	1,571	202	146	83	4	30	0#
1880	1,147	5,385	3,290	1,931	345	152	3	9		44
1881	1,293	6,251	3,907	2,173	612	211	8	87		628
1882	1,378	6,762	4,482	2,594	869	226	74	2	-	822
1883	1,378	6,745	4,413	2,445	678	210	38	15	4	505
1884	1,464	7,036	4,601	2,611	697	27.1	62	7	-	524
Totals	29,007	124,558	11,444	45,864	12,909	4,017	1,042	159	æ	2,479

Exh, with Meteorological Observations lelphia.







MORTALITY.

The number of deaths in the city during the year amounted to nineteen thousand nine hundred and ninety-nine (19,999), a decrease from the previous year of seventy-seven (77).

. The number of deaths during the year 1884	,		19,99 9
White	18,876		
Colored	1,123		
Total			19,999
Males	10,230		
Females	9,769		
Total			19,999
Male adults	5,253		
Female adults	5,378		
Total adults		10,631	
Male children	4,977		•
Female children	4,391		
Total children		9,368	
Actual deaths in city		,	19,999
Deaths from specified diseases		18,478	
" " old age		79 5	
" violence (accident, homicide, and			
suicide)		721	
" unknown causes		5	
Total			19,999

In the above figures, the still-born and premature births and bodies brought to the city are not included, thus showing the actual mortality.

eopie oi color. .eroniM Adults TABLE VIII.—Interments in the City of Philadelphia, from all causes, during the year 1884. 110 120 8 110 8 8 8 8 2 8 8 2 8 8 \$ AGES. 8 8 \$ R ೫ 2 ន 2 2 2 ю 67 Girle, Boys. Females. Total. Bladder Prostate Gland..... Parotid Gland..... Pharynx..... CAUSES OF DEATH.

PAGE 16—Continued.

		NATIVITY	IVIT	<u>.</u>					1	1													1			1		ł	1	1			
CAU	CAUSES OF DEATH.	18931	•п3	UMO														¥	WARDS.	σġ													
		18.U	Forei	Unkn	-	64	· 60	4	20	6 7	- ao	6	2	=	12	13	4	15	16 1	17 18	61	8	21	- 23	83	22	25	26	27	58	55	8	8
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-	CAUSES OF DEATH.		Ulceration of Larynx	" Leg	" Lungs	" Stomach	" Throat	Unknown	Uræmia,	Wounds, Gun-shot	Total	The number of deaths reported for the year 1884

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Wounds, Gun-shot	60		61	-	:	:	-		<u>:</u>	:	:		:	:		:			<u>.</u>		-:-	_	:			<u>:</u>	- <u> </u>	.	:		:	:
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	F	pe m	The number of male adults. 5,258 female adults. 6,378 male children. 4,977 female children. 4,977	ar of	fe n fe n	9 9 9	Pults Hidr Shik	lren Len													10,10,4,4	8278	19,990	8								

The mortality of adults amounted to ten thousand six hundred and thirty-one (10,631), a decrease from the previous year of eighty-one (81), and the mortality of children, nine thousand three hundred and sixty-eight (9,368), an increase of three (3) over the previous year.

The number born in the United States amounted to fourteen thousand eight hundred and forty-one (14,841); four thousand seven hundred and seven (4,707) were of foreign birth, and four hundred and fifty-one (451) whose nativities were unknown.

Abscess.—The number of deaths so reported amounted to ninety-six (96), a decrease from the previous year of nine (9); sixty-three (63) were adults and thirty-three (33) were children.

Cancer.—The number of deaths amounted to four hundred and seventy-six (476), a decrease from the previous year of three hundred and seven (307). See Table VIII for classification.

Cerebro-Spinal Meningitis.—The number of deaths so reported amounted to one hundred and twenty-four (124), an increase over the previous year of seventy-four (74); twenty (20) were adults, and one hundred and four were children; sixty-two (62) were males, and sixty-two (62) were females; sixty-nine (69) were under five years of age.

Consumption of the Lungs.—The number of deaths amounted to two thousand eight hundred and one (2,801), an increase of three (3) over the previous year; two thousand four hundred and sixty-three (2,463) were adults, and three hundred and thirty-eight (338) were children; one thousand eight hundred and ninety-three (1,893) were natives of the United States; eight hundred and thirty-eight (838) were of foreign birth, and seventy (70) whose nativity were unknown.

The deaths in each month of the year were as follows:

		J	
January	284 1	July	247
February	220	August	
March	264	September	
April			
May			
June			

The largest number of deaths occurred in the month of April,—three hundred and seventeen (317),—and the smallest number in the month of August,—one hundred and seventy-nine (179).

he	average	deaths	from	this	disease	in each	month	233
"	"	"	"	"	"	"	week	54
"	"	"	"	"	"	**	da.v	8

The number of deaths from consumption, of both sexes, for the past twenty-three years were as follows:

Years.	Males.	Females.	Total.
1862	961	988	1,949
1863	966	989	1,955
1864	1,087	1,002	2,089
1865	1,020	1,006	2,026
1866	994	950	1,944
1867	942	1,005	1,947
1868	1,000	995	1,995
1869	982	993	1,975
1870	1,118	1,190	2,308
1871	1,099	1,138	2,337
1872	1,167	1,163	2,330
1873	1,093	1,198	2,291
1874	1,133	1,171	2,304
1875	1,185	1,174	2,359
1876	1,288	1,388	2,676
1877	1,142	1,207	2,349
1878	1,154	1,337	2,491
1879	1,233	1,248	2,481
1880	1,325	1,367	2,692
1881	1,358	1,410	2,768
1882	1,382	1,427	2,809
1883	1,343	1,455	2,798
1884	1,395	1,406	2,801

Cholera Infantum.—The deaths amounted to seven hundred and seventy-five (775), a decrease from previous year of one hundred and three (103).

Cholera Morbus.—The number of deaths so reported amounted to thirty-one (31); twenty-seven (27) were adults and four (4) were children.

Diphtheria.—The number of deaths were six hundred and eighty (680), a decrease from previous year of three hundred and twenty-six (326).

The following figures show the number of deaths from this disease for the past seventeen years:

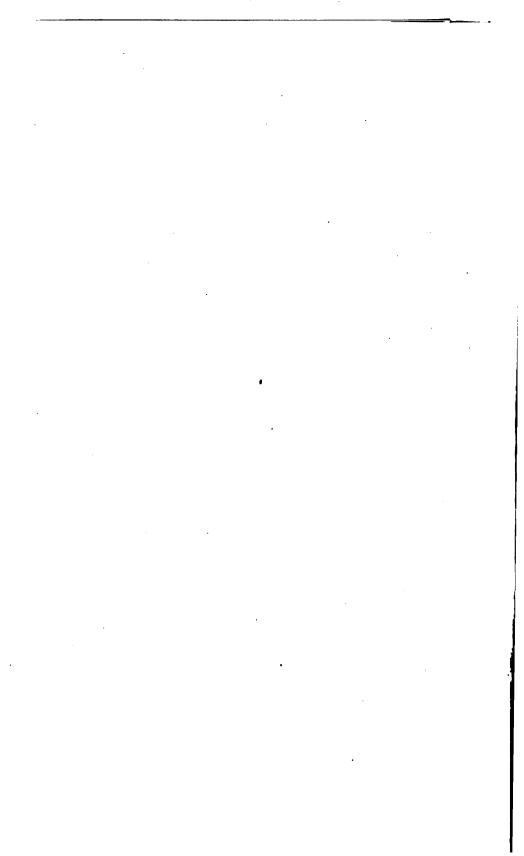
Years.	dults.	Female adults.	Male children.	Female children.	Г	EATHS I	N RACH	QUARTE	8.
•	Male adults.	Femal	Male c	Femal	1st.	2d.	3d.	4th.	Total.
1868	2	8	51	68	26	24	17	52	119
1869	8 .	5	75	99	42	48	37	55	. 182
1870	4	4	68	96	• 83	25	31	88	172
1871	3	8	71	68	48	32	29	36	145
1872	5	5	61	79	52	28	25	45	150
1873	1	2	56	51	45	25	17	23	110
1874	1	4	80	94	80	28	20	101	179
1875	6	7	314	325	116	158	142	236	652
1876	10	8	330	360	219	192	103	194	708
1877	6	7	182	263	120	97	84	157	458
1878	6	11	218	229	135	81	90	158	464
1879	6	5	141	169	180	57	46	88	321
1880	8	6	151	163	. 99	72	51	101	323
1881	8	8	214	232	84	83	100	190	457
1882	5	8	442	478	187	162	208	381	933
1883	1	9	511	485	267	218	230	291	1,206
1884	5	6	380	339	196	112	114	258	680

phia for the year 1884.

Oct. 4	. 18	25	Nov. 1	8 11	" 15	" 22	" 29	Dec. 6	" 18	20	27	Weeks Ending.
												Scale of Mortality
												80
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Oct. 4	18	25	Nov. 1	8 "	" 15	22	" 29	Dec. 6	" 18	20	27	Weeks Ending.
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6	9 6	0	1	80	9	1	80	1	9	8	6	_ Weekly
689	68.6 6.59	64.0	50.1	46.8	47.6	41.1	40.8	40.1	41.6	26.8	24.9	Temperature.
	80.08 80.08	80.24	80.21	80.16	80.18	80.17	29.88	80.08	80.07	80.18	80.28	Weekly

Clos.

Xes:



Fever, Scarlet.—The number of deaths amounted to five hundred and forty (540), a decrease from previous year of twenty-one (21).

The deaths in each mont	h of	the year were as follows:	
January	101	July	31
February	60	August	14
March	59	September	11
April	59	October	17
May	68	November	30
June	50	December	40

Hooping Cough.—The number of deaths so reported amounted to one hundred and seven (107), an increase over the previous year of twenty-one (21).

Hydrophobia.—The following figures show the deaths from this disease since 1860:

1860		1874	. 3
1861	1	1875	. 2
1862	4	1876	. 4
1863	6	1877	. 4
1864	3	1878	. 2
1865	2.	1879	. 3
1866	2	1880	. 1
1867	2	1881	. 5
1868		1882	. 2
1869	7	1883	. 3
1870		1884	. 0 •
1871	1		
1872	1		60
1873	1	1	=

Inflammation of the Lungs.—The number of deaths amounted to one thousand two hundred and fifty-three (1,253), an increase over the previous year of twenty-nine (29); six hundred and eighty-nine (689) were adults and five hundred and sixty-four (564) were children; six hundred and thirty-two (632) were males and six hundred and twenty-one (621) were females.

Old Age.—Seven hundred and ninety-five (795) died of old age, of whom three hundred and four (304) were between the age of seventy and eighty, three hundred and eighty-eight (388) between the age of eighty and ninety, eighty-four (84) between the age of ninety and one hundred, and six (6) died over one hundred.

Poisoning.—The number of deaths from accidental poison-
ing amounted to sixteen (16); they were classified as follows:
Ammonia
Small-pox.—The number of deaths so reported amounted to thirty-five (35), a decrease from previous year of one hun-
dred and thirty-eight (138).
Suicide.—The number of deaths amounted to eighty-nine (89), a decrease from previous year of six (6), of whom seventy-two (72) were males, and seventeen (17) were females. The various methods adopted were as follows:
Arsenic 2 Jumping from window 1 Burning 1 Prussic acid 3 Carbolic acid 1 Rat poison 1 Cutting threat 10 Shooting 26 Drowning 4 Stabbing 1 Fracture of Skull 1 Suffocation (gas) 1 Hanging 27 Sulphate of iron 1 Laudanum 7 Suicide (not stated) 2
Sun Stroke.—Thirty-two (32) deaths so reported; twenty-six (26) were males, and six (6) were females.
Tumor.—The deaths amounted to fifty-three (53); twelve (12) were males, and forty-one (41) were females. They were classified as follows:
Abdominal 8 Ovarian 13 Bowels 1 Pelvis 1 Brain 9 Sternum 1 Breast 1 Stomach 3 Chest 1 Testicle 1 Kidney 1 Uterus 11 Liver 1 Not stated 1

TABLE IX.

(Still-births excluded.)

The following table shows the percentage of deaths (to total mortality) during specified periods of life compared with a similar statement of the mortality in the year 1883.

				1883.					18	84.	
Un	der	1 5	ear.	4,200	Bein	g 20.92 p	er cent.	4,573	Being	z 22.86	per cent
1 ye	ear to	2	"	1,384	"	6.89	"	1,342	"	6.71	"
2	"	5	"	1,833	u	9.13	"	1,691	"	8.45	u
5	"	10	**	1,037	"	5.16	"	906	"	4.53	"
10	"	15	"	350	"	1.74	u	836	"	1.68	"
15	"	20	4.	561	"	2.79	"	520	"	2.60	"
20	"	30	"	2,044	"	10.18	u	1,853	"	9.26	"
30	"	40	"	1,805	"	8.99	u	1,829	"	9.13	44
4 0	"	50	"	1,643	"	8.18	"	1,575	"	7.87	u
50	"	69	"	1,546	"	7.70	"	1,522	"	7.61	"
60	"	70	"	1,469	"	7.31	u	1,532	"	7.66	**
70	"	80	"	1,349	"	6.71	"	1,415	u	7.07	u
80	"	90	"	722	"	3.59	"	778	"	3.89	u
90	u	100	"	126	"	.62	4	117	"	.5	44
100	u	110	"	7	**	.03	"	9	"	.04	"
10	"	120	44				•••••	1	"	.005	, "

The number of children under ten years of age amounted to eight thousand five hundred and twelve (8,512), or 42.55 per cent. of the total mortality.

Table X.—The number of Deaths in each Week in the City of Philadelphia, with the Age, Sex, Nativity, and Wards, for the year 1884. (Still-born excluded.)

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		ToT	[aM	Fer	Boy	Gir.		62	1 2	10	8	8	3	ន	8	8	8	ន	8	12	 82)o
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ä	19.	376	192	28	18	20	11	17	æ	16	~	8 34	3	88	27	83	8	28	61	Ť	i	222	151	2
z	26	446	218	2.78	103	102	78	153	64	24	7	12 4	88	-83	8	£	83	83	81	i		17	202	क्ष
February	2	463	241	222	113	8	88	23	9	য়	6	15 47	7 87	88	88	37	8	8	61	=	-	251	212	쫈
z	6	397	189	208	26	91	77	\$	88	16	8	14 32	4	8	88	8	31	15	က	÷	-	88	188	æ
¥	16	379	196	183	87	20	71	8	\$	13	-1	14 4	45 88	8	88	22	33	16	81	÷	-	222	157	æ
3	23	379	197	182	88	8	69	23	9	15	-1	15	36	32	8	88	\$	==	÷	Ť	-	506	173	ଞ
March	1	360	176	184	7	78	69	क्ष	83	15	9	- 24	23	31	32	8	22	17	*	Ť	i	211	149	5
3	8	389	192	197	92	7	75	15	32	91	7	8 37	7 47	7 32	8	#	æ	13	•	$\dot{\parallel}$	-	242	147	7
3	15	430	213	217	97	74	65	88	4	-81	8	13 50	88	88	8	4	æ	28	4	i	_	259	171	22
Ξ	22	376	196	180	96	78	83	22	:8	8	10	86 80	39	9 37	8	19	31	14	60	Ť	-	202	174	ଷ
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TABLE XI.—DEATHS. Adults and Children.

(Premature births and still-born excluded.)

1884. Months.	Males.	Females.	Adults.	Children.	Total.
January	1,056	1,049	1,172	933	2,105
February	758	757	848	667	1,515
March	820	787	959	648	1,607
April	1,002	947	1,073	876	1,949
May	• 716	714	813	617	1,430
June	780	714	769	725	1,494
July	1,169	1,041	932	1,278	2,210
August	752	777	725	804	1,529
September	757	723	759	721	1,480
October	893	778	869	797	1,666
November	733	735	821	647	1,468
December	794	752	891	655	1,546
	10,230	9,769	10,631	9,368	19,999

The largest mortality occurred in the month of July, two thousand two hundred and ten (2,210), and the lowest number in the month of May, one thousand four hundred and thirty (1,430); the excess of males over females was four hundred and sixty-one (461), and adults over children one thousand two hundred and sixty-three (1,263).

Premature births and still-births are not included in the above figures.

TABLE XII.—DEATHS IN EACH WARD.

(Still-births not included)

The following table of mortality in each ward, with population (according to Tenth Census), with ratio of deaths to population, and the percentage of deaths in each ward to the total mortality.

Wards.	Population Tenth Census.	Area in square miles.	Deaths.	Deaths to population.	Percentage of deaths to total mortality.
First	43,085	5.509	1,052	1 in 41	5.26
Second	28,498	.442	693	1 in 41	8.46
Third	18,271	.191	453	1 in 40	2.26
Fourth	18,853	.229	518	1 in 31	2.56
Fifth	16,368	.321	439	1 in 37	2.19
Sixth	10,004	.321	229	1 in 43	1.14
Seventh	81,Q87	.439	806	1 in 38	4.03
Eighth	19,545	.435	374	1 in 52	1.87
Ninth	12,481	.400	244	1 in 51	1.22
Tenth	23,363	.359	430	1 in 54	2.15
Eleventh	12,930	.210	302	1 in 43	1.51
Twelfth	14,690	.193	310	1 in 47	1.55
Thirteenth	18,646	.259	410	1 in 45	2.05
Fourteenth	22,354	.300	422	1 in 53	2.11
Fifteenth	47,865	1.049	968	1 in 49	4.84
Sixteenth	17,802	.281	410	1 in 43	2.05
Seventeenth	20,451	.251	538	1 in 38	2.69
Eighteenth	29,354	.650	800	1 in 36	4.00
Nineteenth	43,887	.698	1,234	1 in 35	1.17
Twentieth	43,207	.734	899	1 in 48	4.49
Twenty-first	19,699	7.129	452	1 in 43	2.26
Twenty-second	31,798	18.114	666	1 in 47	3.33
Twenty-third	26,522	42.716	542	1 in 49	2.71
Twenty-fourth	46,057	9.725	1,120	1 in 41	5.10
Twenty-fifth	36,104	10,359	925	1 in 39	4.62
Twenty-sixth	35,138	7.481	826	1 in 43	4.13
Twenty-seventh	23,284	11.680	1,086	1 in 22 .	5.18
Twenty-eighth	84,442	6.843	684	1 in 54	8.17
Twenty-ninth	40,787	1.400	920	1 in 44	4.60
Thirtieth	29,100	.519	602	1 in 48	3.01
Thirty-first	31,308	.718	750	1 in 42	8.75
Total	846,980	129.450	19,999		

Ratio of deaths to (estimated) population, 927,995, in 1884; 21.55 per thousand, or 46.40 persons living to 1 death.

WEEK Ending Saturday, January 5, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH. gf gg DEATHS IN EACH WARD.
Abscess of Liver of Stomach	1		Hernia
Alcoholism	6		10 Fourth 10
Angmia		1	" Bronchi 5 7 Fifth 8
Aneurism of Aorta			Bladder I Seventh 99
Apoplexy			Kidneys 2 1 Eighth 7
Asphyxia	1	3	
Asthma	2		Eleventh 3
Bright's Disease			Lungs 24 13 Twelfth 8
Burns and Scalds		1	Pericardium 1 Thirteenth 6
Cancer of Arm			Fifteenth 98
" Larynx			Pleura 1 Sixteenth 8
A Stomach			Solution Spine 1 Seventeenth 16 Eighteenth 21
" Uterus	4		Nineteenth 80
Casualties	5	2	Inanition 2 6 Twentieth 17
Cerebro-spinal Meningitis			Jaundice 1 Twenty-first 5 Merramus 1 Twenty-first 18
Congestion of Brain		3	Twenty-third 9
" Liver	1	[Measles 2 Twenty-fourth 28
" Lungs		4	Neuralgia of the Heart 1 Twenty-fifth 19 Old Age 16 Twenty-sixth 21
Cirrhosis of Liver			Twenty-seventh 99
Collapse of Lung		1	Paralysis
Consumption of Lungs	45	4	Purpura Hemorrhagica 1 Twenty-ninth 20
Convulsions		21	Pyæmia 1 Thirtieth 8 Thirty-first 16
Croup		24	Septicæmia
Cyanosis		5	Small-pox 1
Debility	6	6	Sore Mouth 1
Diarrhœa	2	[" Throat 1
Diphtheria		23	Softening of Brain 2 Nativity, etc.
Dropsy			Suicide, Cutting Throst 1 United States, 306
" of Brain		1	" Hanging 2 Foreign 111
" Heart	2	1	Syphilis 1 Unknown 10
" Lungs		1	Tabes Mesenterica 1 People of Color 16
Disease of Brain	1		Trismus Nascentium 1
" Heart		1	Ulceration of Bowels 1 1 1
" Liver	1		Uræmia 1
Drowned	1		TOTALS241 186
Dysentery			Males 229
Eczema		1	Females 198
Effusion of Brain	1	1	Boys 97
Epilepsy			Girls 89
Erysipelas		2	Of the above there were:
Enlargement of Liver		·····	Under 1 year 69 Premature Birth.
Fatty Degen. of Heart			From 1 to 2
Fever, Intermittent		1	" 2 to 5
" Scarlet		18	" 10 to 15 10
" Typhoid		7	" 15 to 20 7 Total 8
Fracture of Thigh			# 90 to 40
Gangrene			" 40 to 50 38 Still-Born.
Heart-clot		1	" 50 to 60 28
Hemorrhage of Bowels		1	
" Brain	2		" 80 to 90
stomach	1		" 90 to 100 2 Total 20
	<u> </u>		1 1

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

Week Ending Saturday, January 5, 1884.

KIAĤ	貞	8.	E	.12	5	8	8	8.	8 .
PHER.	3.07 P.M. 11.07 P.M.	Foggy.	Foggy.	Foggy.	Clear.	Clear.	Cloudy.	Clear.	
STATE OF WEATHER.	3.07 P. M.	Cloudy.	Cloudy.	Cloudy.	Cloudy.	Clear.	Clear.	Cloudy.	
STAT	7.07 A. M.	Clear.	Cloudy.	Lt. Rain.	Lt. Rain.	Clear.	Clear.	Cloudy.	
7. .0.	11.07 M. H	•	•	*	•	•	ac	ю.	
VELOCITY OF WIND.	8.07 P. M.	•	9	ю	80	9	6	13	
Λ V	70.7 .MA	-	61	9	∞	∞	4	55	
r 0.	11.07 M. A	Calm.	N.E.	N.E.	S.W.	₩.	N.W.	N.W.	
DIRECTION WIND.	8.07 P. M.	Calm.	Z.	ᅿ	₩.	``	₩.	N.W.	
DIR	70.7 .MA	焰	Z.	털	Z E	N.W.	N.W.	N.W.	
VE TY.	11.07 P. M.	92	3	8	\$	ß	2	5	
RELATIVE HUMIDITY.	3.07 P. M.	78	88	2	8	28	\$	8	
RECH	70.7 .M. A.	29	8	8	92	22	\$	19	
	Min'm.	8	37	83	88	8	12	91	
#	Max'm.	3	4	\$	3	88	ಹ	Ħ	
Тневмометев.	Mean Daily Value,	38.1	39.8	36.7	35.6	28.3	24.3	18.1	30.8
HERM	11.07 P. M.	4	37	87	88	27	2	- 12	
Ē	3.07 P. M.	4	5	37	28	8	8	1	
	70.7 .MA	31	\$	8	8	8	8	21	
	Mean Daily Value.	30.15	30.17	30.01	29.56	29.95	30.17	30.15	30.07
BAROMETER.	11,07 P. M.	30.12	30.19	29.84	29.69	30.06	30.18	30.14	
Ваков	8.07 P. M.	30.13	30.18	30.06	29.41	29.89	30.15	30.11	
	7.07 A. M.	30.20	30.14	30.14	29.58	29.89	30.20	30.20	
Month and Day.	1883. DECEMBER.	Sunday, 30,	Monday, 31,	JAN, 1884. Tuceday, 1,	Wed'sday, 2,	Thursday, 3,	Friday, 4,	Saturday, 5,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, JANUARY 12, 1884.

	g.	si l		E,	Si Si	DEATHS IN RACH
CAUSES OF DEATH.	ADULT	MINORS	CAUSES OF DEATH.	ADULTS	MINORS	WARD.
Abscess, Lumbar	1		Infla'mat'n, Liver	1		First 16
" of Thigh	_	1	" Lungs	24	19	Second 11
Alcoholism	2		" Peritoneum.	3	2	Third 9 Fourth 6
Anemia	2		" 8. & Bowels	-	3	Fourth 6
	5		Insanity			Sixth 5
Apoplexy			Inanition		7	Seventh 20
Asphyxia		1			2	Eighth 9 Ninth 8
Bright's Disease	8	1	Intussusception			Ninth 8 Tenth 9
Cancer of Breast	4		Jaundice			Eleventh 9
" Liver	2		Leucocythemia		1	Twelfth 3
" Œsophagus	1		Malformation		2	Thirteenth 10 Fourteenth 11
" Stomach	2		Marasmus	ł .	8	Fifteenth 17
" Uterus	8		Measles		8	Sixteenth 8
Casualties	2		Old Age	16		Seventeenth 14
Cerebro-spinal Meningitis	1	2	Paralysis	7	1	Eighteenth 23 Nineteenth 26
Congestion of Brain	3	4	Pyæmia	1	1	Twentieth 18
" Lungs	6	4	Rheumatism	1		Twenty-first 9
Cirrhosis of Liver	2		Sclerosis of Spine	li		Twenty-second 11
Collapse of Lung	-	1	Septicæmia		1	Twenty-third 18 Twenty-fourth 24
Compression of Brain	1	1 1	Small-pox		ī	Twenty-fifth 25
	_	7	Softening of Brain			Twenty-sixth 18
Consumption of Lungs	46	1	Spina-Bifida	•	1	Twenty-seventh. 17
" Throat	1		_		1 1	*Twenty-eighth 9 Twenty-ninth 9
Convulsions	····••	18	Suicide, Cutting Throat	1		Thirtieth 13
Croup		11	Zautanum	1		Thirty-first 12
Cyanosis		2	Syphilis	1	1	*Municipal Hespital, 0.
Debility	6	5	Ulceration of Bowels	1		
Diabetes	1	1	Uræmia	1		
Diarrhœa	1	8	TOTALS	214	179	Nativity, etc.
Diphtheria		18	1	214	113	Hativity, our
Dropsy			1			
" of Brain	1	2	1		1	United States 277
" Heart	1	l	1			Foreign 113
Disease of Heart		2				Unknown 8
Drowned	2					People of Color 13
Effusion of Brain	1		i			
Embolism of Heart	i					
	2					i i
Fatty Degen. of Heart	*	8	Of the above there were			Males 276
Fever, Catarrhal		1	i			220100111111111111111111111111111111111
" Malarial	1	•••••	Under 1 year		81	Females 217
remittent	1		From 1 to 2		25	Boys 85
Scarlet		16	" 2 to 5	•••••	86	Girls 94
" Typhoid	9	8	" 5 to 10	•••••	20	
Gangrene	1		" 10 to 15	•••••	6	Premature Birth.
Hemorrhage, Brain	1		" 15 to 20		11	Males 2
" Lungs	1		" 20 to 30	•••••	33	
" Umbilical		2	" 30 to 40	•••••	41	Females 8
Hernia	1		" 40 to 50		27	Total 5
Hypertrophy of Heart	8		" 50 to 60		36	
Infla'mat'n, Brain	1	8	" 60 to 70		29	Still-Born.
" Bronchi	1	13	# 70 to 80		82	
" Bladder	1				1 1	Males 11
					11	Females 15
K.M. K. M. M. M. M. M. M. M. M. M. M. M. M. M.		2	50 to 100		4	<u> </u>
" Larynx	······	1	" 110 to 120	•••••	1	Total 26
		1	<u> </u>		اا	·

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, JANUARY 12, 1884. DURING THE

RAIN.	ij	8.	S.	1.14	2.	ş.	á	8	1.87
HEB.	11.07 P. M.	Clear.	Cloudy.	Hy. Rain	Cloudy.	Lt. Bain.	Lt. Snow.	Cloudy.	
STATE OF WEATHER.	A. M. 8.07 P. M.	Clear.	Cloudy.	Cloudy.	Cloudy.	Cloudy.	Lt. Rain. Lt. Snow	Cloudy.	
Brat	7.07 A. M.	Clear.	Clear.	Lt. Snow.	Lt. Rain.	Clear.	Cloudy.	Cloudy.	
Ţ.	11.07 P. M.	-	10	91	16	, 10	12	•	
VELOCITY OF WIND.	70.8 P. M.	•	•	7	17	9	۰, ۵	•	
V 60	70.7	∞	•	=	*	22	•	••	
3 0 L	11.07 P. M.,	``	Ä.	N.E.	S.W.	Μ.	B.W.	ಹ	
DIRECTION WIND.	8.07 P. M.	Calm.	Calm.	ж я	B.W.	₩.	8.W.	အပ်	
DIR	70.7 .MA.	N.W.	Calm.	Ä. E	S.W.	S.W.	8.W.	zi	
TY.	11.07 P. M.	3	80	8	#	8	82	8	# !
RELATIVE HUMIDITY.	8.07 P. M.	22	19	9	22	8	22	19	
H H	70.7 .M.A	8	ಕ	8	8	ತ	25	8	
	.m'aiM	=	91	ន	23	*	2	8	
e e	.m'xsM	13	23	8	28	87	#	\$	
THERMOMETER.	Mean Dially Value.	14.3	19.0	36.5	35.5	32.0	39.1	81	8.
ERM	11.07 P. M.	4	23	3	27	37	\$	31	
Ę.	8.07 P. M.	- 18	ĸ	*	31	83	4	8	
	70.7 .M .A	===	12	8	8	2	7	8	
	Mean Daily Value.	30.32	30.66	29.99	29.46	30.08	30.00	30.05	30.08
BAROMETER.	11.07 P. M.	30.46	30.68	29.40	29.79	30.05	30.11	30.04	
Вавоз	3.07 P. M.	30.27	30.68	30.08	29.45	30.14	29.91	30.00	
	7.07 A. M.	30.22	30.61	30.50	29.13	30.06	29.98	80,11	
Month and Day.	1884. JANUABY.	Sunday, 6,	Monday, 7,	Tuesday, 8,	Wed'sday, 9,	Thursday, 10,	Friday, 11,	Saturday, 12,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, JANUARY 19, 1884.

Drowned	CAUSES OF DEATH.	ADULTS	MITHORS	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN EACH	HE .
Apoplexy	Abscess of Lung	1		Infla'mat'n, Peritoneum.	1	1	First	16
Asthma Asthma Asthma Bright's Disease. 2	Apoplexy	9		" Pleura	2		Second	6
Asthma	Asphyxia		2	" 8. & Bowels	8	5	Fourth	15
Bright's Disease. 2			ll			120	Fifth	8
Cancer of Breast. 3			, ,			7.	Sixth	6
Bladder	•	8	1)				Seventh	15
Face		1	1 1			100	Ninth	8
Liver		_				101	Tenth	9
## Rectum 1			, ,				Eleventh	4
## Stomach 6 Wilson Purpura Hemorrhagics 1 Casualtics 8 1 Rheumatism 8 8 Epiteemith 1 1 1 1 1 1 1 1 1		_	1 1			-	Thirtograph	6
		_				1	Fourteenth	3
Carsualties	DOMESOH	-	ł I		1 .	100.00	Fifteenth	12
Septicemia						200	Sixteenth	12
Child-birth 1		-	1 - 1		-	*****	Eighteenth	22
Congestion of Brain. 2		1	i - I		•		Nineteenth	31
Lungs			1 1			1	Twentieth	17
Cirrhosis of Liver. 5		_	1 - 1	Softening of Brain				11
Lungs 52	•		4	Suffocation	1		Twenty-third	15
Lungs 52	Cirrhosis of Liver	5		Suicide, Hanging	1		Twenty-fourth	11
Lungs 52	Consumption of Bowels	1		Thrombosis, Cerebral	1		Twenty-fifth	15
Conventions	" Lungs	52	4	Tumor of Bowels	1		Twenty-sixth	18
Croup	Convulsions		19	Uræmia	2		*Twenty-eighth	îî
Cyanosis			7		!		Twenty-ninth	24
Debility			8	TOTALS	225	151	Thirtieth	10
Diarrhea S			4	· .	=	==		15
Diphtheria	•						*Municipal Hospital,	6.
Dropsy		١٠	18					
Males Nativity, etc.	-	1	i 1					
Disease of Heart			1 - 1			1	Nativity, etc.	
Drowned 1			i - 1				- Huttirty, otta	
Dysentery			*				United States	269
Effusion of Brain						1 1	Foreign	95
Enusion of Brain							Unknown	12
Epilepsy			1			i 1		16
Enlargement of Heart			······			1 1	•	
Fatty Degen. of Heart			2			ı	1	
Males Males Males Females Boys Females Boys Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Girls Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Fema		2		,		1	i i	
Males. Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Females Femal	Fatty Degen, of Heart	8					1	
Fever, Catarrhal	" " Liver	1				1	Males	192
" Puerperal 2 Under 1 year 77 Boys Girls Girls 17 " Scarlet 12 2 to 5 33 33 " Typhoid 10 5 to 10 16 6 Gangrene 2 10 to 15 2 Hemorrhage of Bowels 2 15 to 20 6 6 Hernia 1 20 to 30 34 Hooping-cough 1 30 to 40 31 Total Hypertrophy of Heart 1 40 to 50 36 37 Infla'mat'n, Brain 1 7 50 to 60 27 Still-Born " Bronchi 1 12 60 to 70 39 " Iver 2 70 to 80 30	Fever, Catarrhal		1	Of the above there were	:	ı		184
" Remittent 1 " From 1 to 2 17 Girls	" Puerperal	2		Under 1 year	•••••	77		81
# Scarlet				From 1 to 2		17		70
" Typhoid 10 " 5 to 10 16 Premature Birth. Gangrene 2 " 10 to 15 2 Hemorrhage of Bowels 2 " 15 to 20 6 Hernia 1 " 20 to 30 34 Hooping-cough 1 " 30 to 40 31 Hypertrophy of Heart 1 " 40 to 50 36 Infla'mat'n, Brain 1 7 50 to 60 27 Bronchi 1 12 60 to 70 39 " Liver 2 " 70 to 80 30 Yomeles Yomeles			12					
Cangrene 2						1	Premature Rinth	
Hemorrhage of Bowels 2			1 1				- Tromature Birtin	
Hernia							Males	1
Hooping-cough		i	1 1	ľ			Females	2
1 1 1 1 1 1 1 1 1 1		1 -	1			1		
Infla'mat'n, Brain			1	30 10 40			Total	8
" Bronchi 1 12 " 60 to 70 39 Males				10 10 90				_
" Liver 2 " 70 to 80		_		30 to 60			Still-Born.	
70 00 00, 80 Formalou	Broneni	-	12	00 10 70		39	Malos	
" Tunge 9g 1g # 90 to 00 Females	THARL	_		70 W OV,		80		7
20 20 20	" Lungs		16	" 80 to 90		26	r emales	12
" Pharynx 1 " 90 to 100 2 Total	" Pharynx		1	" 90 to 100	•••••		Total	19

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, JANUARY 19, 1884. DURING THE

BAIN.	. M.	8	8; 	1.28	8:	8. 	8: 	.29	<u> </u>
ATHER.	L. 11.07 P. M.	Clear.	Cloudy.	T. Lt. Snow	Clear.	Geer	Cloudy.	n. Lt. Snow.	<u> </u>
STATE OF WEATHER.	8.07 P. M.	Cloudy.	Cloudy.	Lt. Snow.	Fair.	Clear.	Cloudy.	Lt. Bain.	
STAT	7.07 A. M.	Clear.	Clear.	Hy.Sn'▼	Clear.	Clear.	Clear.	Lt. Bain.	
COURTY WIND.	11.07 P. M.	•	2	9	7	40	*	91	
VELOCITY OF WIND.	8.07 P. M.			==	<u> </u>	oc	<u> </u>	- 27	<u> </u>
A O	70.7 .M .A	10	10	27	<u> </u>	•	2	91	1
H OF	11.07 Mq	8.W.	변 80	년 건	₩.	S.W.	8.W.	Z E	
DIRECTION WIND.	8.07 F. M. 9	ಹ	N.W.	Ä.E		S.W.	B.W.	X E	
Die	70.7 .MA	8.W.	8.W.	z z	N.W.	B.W.	8.W.	zi zi	
VE TY.	11.07 P. M.	8	86	88	29	1	8	88	
RELATIVE HUMIDITY.	8.07 P. M.	29	3	88	20	61	2	8	
BH	70.7 M.A	2	8		8	67	64	8	
	.m'niM	12	8	8	82	77	12	8	
貞	.cg'xsM	4	23	3	ង	8	7	2	
THERMOMETER.	Mean Maily Jaily Malue.	84.8	42.2	27.8	17.5	24.2	36.1	33.5	
HER	JAL 'AL	7	\$	য়	81	8	\$	81	
Ä	8.07 M. A	8	3	8	8	83	28	*	1
	70.7 .M. A	22	\$	8	7	7	81	8	
	Mean Daily Value.	29.92	29.95	30,18	30.48	30.35	30.02	29.80	
BAROMETER.	11.07 P. M.	29.72	30.06	30.29	30.49	30.23	29.93	29.92	
ВАВОЗ	8.07 P. M.	29.89	29.95	30.16	30.49	30.35	30.02	29.75	
ļ	7.07 A. M.	30.13	29.82	80.09	30.45	30.46	80.11	29.73	
Day.	RY.	8,	Ę	15,	, 16,	, 17,	18,	61	
Month and Day	1884. JANUARY	Sunday,	Mônday,	Tuesday,	Wed'sday, 16,	Thursday, 17,	Friday,	Saturday,	

The surface of the mercury in the cistern of Barometér is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, JANUARY 26, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS,	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC WARD.	н
Alcoholism	3		Hemorrhage, Umbilical	4.5	1	First	21
Anemia	1	1	Hernia, Strangulated			Second	19
Aneurism of Fem. Artery.	1	-	Hypertrophy of Heart			Inird	8
Apoplexy	8	40.00	Infla'mat'n, Aorta			Fourth	13
Asphyxia		1	" Brain		8	Sixth	7
Bright's Disease		2	" Bronchi		100	Seventh	23
		1		100	9	Eighth	5
Burns and Scalds	4	******	Diaddel			Ninth	11
Cancer of Lung	1		Kidneys		2	Eleventh	10
- Omentum	1		Larynx		2	Twelfth	7
Trecedin			Lungs		24	Thirteenth	6
" Stomach	5	*****	b. & bowels		6	Fifteenth	16
Casualties	6	1	Tonsus,		1	Sixteenth	11
Cerebro-spinal Meningitis	1	2	" Trachea		1	Seventeenth	7
Child-Birth	2		Insanity			Eighteenth	23 28
Congestion of Brain	3	4	Inanition	2	14	Twentieth	26
" Liver		2	Intussusception		1	Twenty-first	10
" Lungs		6	Marasmus		9	Twenty-second	14
" Spine	್	1	Measles		2	Twenty-third Twenty-fourth	19 24
Cirrhosis of Liver	1		Neuralgia of Heart		-	Twenty-fifth	25
Consumption of Bowels		1	Old Age			Twenty-sixth	15
" Lungs		10	Paralysis	7	1	Twenty-seventh.	21
Contraction of Liver		55.7			1	*Twenty-eighth	16 16
	1.5	*****	Purpura Hemorrhagica		55.7	Twenty-ninth Thirtieth	12
Convulsions	-	11	Pyæmia	1	******	Thirty-first	19
" Puerperal			Quinsy		1	*Municipal Hospital,	0.
Croup		7	Rupture of Blood Vessel.,	1			
Cyanosis		7	" Gall Bladder.				
Debility	2	4	Septicæmia	3	1	Nativity, etc.	
Diarrhœa	1	1	Small-pox		1	Hallvily, etc.	
Diphtheria		19	Softening of Brain	4		ASTRONOM IN	30
Dropsy	2		" Spine	1		United States	341
" Abdominal		1	Suffocation, Overlaid		1	Foreign	101
" of Brain		3	Suicide, Rat Poison	1		Unknown	4
" Heart			" Shooting	1		People of Color	29
" Lungs			Syphilis		1		
Disease of Heart	100	3	Tetanus Neonatorum		1		
" Liver			Tumor of Abdomen		•		
" Spine	1		" Pelvis	1		Males	218
Effusion of Brain		1	Uræmia	1	1	Females	
		- 1				l I	228
Emphysems of Lungs	1	·····	TOTALS	241	205	Boys	
Enlargement of Heart	8		l	==	=	Girls	101
Erysipelas	1		Of the above there were:	:		D 4 D 4	
Exposure	1	•••••	Under 1 year		78	Premature Birth	•
Fatty Degen. of Heart	1		From 1 to 2		35	Males	8
Fever, Catarrhal	•••••	1	" 2 to 5 " 5 to 10	•••••	49 24	Females	5
" Puerperal	1		" 10 to 15		7	remaies	
" Scarlet	1	24	" 15 to 20		12	Total	18
" Typhoid	12	2	" 20 to 30		45		
Fracture of Skull		1	" 30 to 40 " 40 to 50	•••••	38	Still-Born.	
" Thigh	1		" 50 to 60		25 36	-	
Heart-clot	1		" 60 to 70		43	Males	9
Hemorrhage, Lungs	1		" 70 to 80		29	Females	7
" Uterus	1		" 80 to 90 " 90 to 100	•••••	23 2	Total	16

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, JANUARY 26, 1884.

	Въли.	In.	61.	<u>s</u>	8	8	17.	8.		8.	
	HER.	3.07 P. M. 11.07 P. M.	Clear.	Clear.	Cloudy.	Cloudy.	Cloudy.	Clear.	Clear.		
	STATE OF WEATHER.	3.07 P. M.	Cloudy.	Clear.	Fair.	Cloudy.	Lt. Rain.	Cloudy.	Clear.		
	STAT	7.07 A. M.	Cloudy.	Clear.	Clear.	Clear.	Lt. Rain.	Cloudy.	Clear.		
	TY D.	11.07 P. M.	7	10	4	•	15	10	•		-
	VELOCITY OF WIND.	70.8 .M.:T	12	8	12	8	9	2	∞		
	V N	70.7 .MA	55	9	7	4	4	14	6		= 3
	r 03	11.07 F. M.	N.W.	N.W.	S.W.	ත්	Z E	N.W.	N.W.		
	DIRECTION WIND.	8.07 P. M.	N.W.	N.W.	S.W.	ත්	zi	N.W.	N.W.		3
	Dir	70.7 .M .A	z.	N.W.	S.W.	S.W.	터	N.W.	N.W.		
	VE TY.	11.07 P. M.	49	70	51	8	29	29	79		
	RELATIVE HUMIDITY.	8.07 P. M.	73	23	89	2	94	88	123] }
	R. Hu	70.7 .M .A	8	8	53	92	82	73	74		
		.m'niM	16	13	19	32	8	11	13		
	EB.	Max'm.	83	23	4	4	4	8	27] ;
	Thermometer.	Mean Daily Value,	21.1	19.0	30.7	38.1	35.5	19,0	20.9	26.3	
i	HER	11.07 P. M.	16	21	34	8	စ္တ	11	23],
	Ē	3.07 P. M.	. 8	8	8	£	37	22	77		_ ·
		70.7 .MA	53	13	81	뛿	8	12	13		_
		Mean Daily Value.	80.14	30.41	30.22	30.15	29.99	30.45	30.68	30.27	
	BAROMETER.	11.07 P.M.	30.26	30.44	30.15	80.17	30.06	30.57	30.75		
	Ваво	3.07 P. M.	30.13	30.40	30.17	30.11	29.80	30.44	30.64		
		7.07 A. M.	30.04	30.33	30.85	30.16	30.11	30.35	30.65		_ `
	Month and Day.	1884. JANUARY.	Sunday, 20,	Monday, 21,	Tuesday, 22,	Wed'sday, 23,	Thursday, 24,	Friday, 25,	Saturday, 26,	Means	

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, FEBRUARY 2, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACE WARD.	:
Abscess of Arm		1	Infla'mat'n, Kidneys	8		First	17
" Kidney	1	l	" Lungs	27	19	Second	17
" Parotid Gland	_	1	4 Pericardium		2	Third	10
Alcoholism	2		" Peritoneum.	2	1	Fourth	14 12
	7		" S. & Bowels	5	8	Fifth	6
Apoplexy	6	1	1	- 1	0	Seventh	18
Bright's Disease	- 1	I - 1	Insanity	1		Eighth	8
Cancer Diffused	1	·····	Inanition	1	13	Ninth Tenth	4 11
" Of Bones	1		Intussusception	1	•••••	Eleventh	
" Kidneys		·····	Jaundice		1	Twelfth	7 5
" Liver	1	·····	Marasmus	•••••	14	Thirteenth	9 11
" Lungs	1		Measles		10	Fourteenth	20
" Mesentery	1		Neuralgia of the Heart	1		Sixteenth	12
" Stomach	2		Old Age	22		Seventeenth	9
" Uterus	4		, Paralysis	5	2	Eighteenth	21
Carbuncle	1		Poisoning, Laudanum	1		Nineteenth Twentieth	34 20
Casualties	5	2	Rheumatism	1		Twenty-first	10
Congestion of Brain	6	4	Septicæmia	3	1	Twenty-second	10
" Lungs	6	6	Softening of Brain	1		Twenty-third	9 36
Cholera Infantum	-	2	Suffocation			Twenty-fourth	21
	1	- 1			1	Twenty-sixth	10
" Morbus			Suicide, Shooting	1		Twenty-sixth Twenty-seventh.	44
Consumption of Bowels	1		Syphilis		1	*Twenty-eighth Twenty-ninth	8 18
" Lungs	62	6	Tetanus Neonatorum	- 1	1	Thirtieth	14
Convulsions		11	Uræmia	1	1	Thirty-first	18
Croup	•••••	11	TOTALS 2	251	212	*Municipal Hospital,	0.
Cyanosis	•••••	3		-		- zeuzioipai zeospiani,	••
Debility	5	4		— _i	_		
Diabetes	1			- 1	1		
Diarrhœa	8					Nativity, etc.	
Diphtheria		8		1		United States	329
Dropsy	7						
" of Brain		2					121
" Lungs	1				i	Unknown	13
Disease of Heart	16	8			- 1	People of Color	84
" Kidneys	1			- 1	- 1		
Drowned	ī			- 1	- 1	. ,	
Effusion of Brain	-	2			- 1		
LILUSION OF DISHIP		1	Of the above there were:	i			
					93		241
" Lungs		- 1				Females	222
" Lungs Embolism of Brain	1		Under 1 year				
" Lungs Embolism of Brain Enlargement of Heart	1 3		From 1 to 2		27		118
" Lungs Embolism of Brain Enlargement of Heart Erysipelas	1 3 8		From 1 to 2		27 46	Boys	
" Lungs Embolism of Brain Enlargement of Heart Erysipelas Fatty Degen. of Heart	1 3 8 3		From 1 to 2		27 46 22	Girls	118
" Lungs Embolism of Brain Enlargement of Heart Erysipelas Fatty Degen. of Heart Fever, Puerperal	1 3 8 3		From 1 to 2		27 46 22 9		118
" Lungs Embolism of Brain Enlargement of Heart Erysipelas Fatty Degen. of Heart Fever, Puerperal " Scarlet	1 3 8 3 1 2	32	From 1 to 2		27 46 22	Premature Birth.	118
" Lungs Embolism of Brain Enlargement of Heart Erysipelas Fatty Degen. of Heart " Scarlet " Typhoid	1 3 8 3		From 1 to 2		27 46 22 9	Premature Birth,	118 99
" Lungs Embolism of Brain Enlargement of Heart Erysipelas Fatty Degen. of Heart Fever, Puerperal " Scarlet " Typhoid " Tpyhus	1 3 8 3 1 2	32	From 1 to 2		27 46 22 9 15	Premature Birth.	118
" Lungs Embolism of Brain Enlargement of Heart Erysipelas Fatty Degen. of Heart Fever, Puerperal " Scarlet " Typhoid " Tpyhus	1 3 8 3 1 2	32 11	From 1 to 2		27 46 22 9 15 47	Premature Birth,	118 99
" Lungs Embolism of Brain Enlargement of Heart Erysipelas Fatty Degen. of Heart Fever, Puerperal " Scarlet " Typhoid " Tpyhus Gangrene	1 3 8 3 1 2 7	32 11 1	From 1 to 2		27 46 22 9 15 47 37	Premature Birth. Males Females	118 99 4 8
" Lungs Embolism of Brain Enlargement of Heart Fatty Degen. of Heart Fever, Puerperal " Scarlet " Typhoid " Tpyhus Gangrene Heart Clot	1 3 8 3 1 2 7	32 11 1	From 1 to 2		27 46 22 9 15 47 37 36	Premature Birth. Males Females	118 99 4 8
" Lungs Embolism of Brain Enlargement of Heart Fratty Degen. of Heart Fever, Puerperal " Scarlet " Typhoid " Tpyhus Gangrene Heart Clot	1 3 8 3 1 2 7 2	32 11 1	From 1 to 2		27 46 22 9 15 47 37 36 88	Premature Birth. Males Females Total Still-Born.	118 99 4 8 7
" Lungs Embolism of Brain Enlargement of Heart Erysipelas Fatty Degen. of Heart Fever, Puerperal " Scarlet " Typhoid " Typhoid " Typhus Gangrene Heart Clot Hemorrhage of Lungs " Umbilical	1 3 8 3 1 2 7 2	32 11 1	From 1 to 2		27 46 22 9 15 47 37 36 83 37 35	Premature Birth. Males Females Total Still-Born.	118 99 4 8 7
" Lungs Embolism of Brain Enlargement of Heart Erysipelas Fatty Degen. of Heart Fever, Puerperal " Scarlet " Typhoid " Typhoid Gangrene	1 3 8 3 1 2 7 2	32 11 1	From 1 to 2		27 46 22 9 15 47 37 36 88 37 85 23	Premature Birth. Males Females Total Still-Born.	118 99 4 8 7
" Lungs Embolism of Brain Erlargement of Heart Erysipelas Fatty Degen. of Heart Fever, Puerperal " Scarlet " Typhoid " Typhoid " Typhus Gangrene	1 3 8 3 1 2 7 2 1	32 11 1 1 1	From 1 to 2		27 46 22 9 15 47 37 36 83 37 35	Premature Birth. Males Females Total Still-Born.	118 99 4 8 7

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WEEK ENDING SATURDAY, FEBRUARY 2, 1884.

RAIN.	ų	8	.00	11:	.07	.16	8.	8	4.
THER.	7.07 A. M. 8.07 P. M. 11.07 P. M.	Cloudy.	Threat'g. Lt. Snow.	Clearing.	Lt. Rain.	Cloudy.	Clear.	Clear.	
STATE OF WEATHER.	3.07 P. M.	Cloudy.	Threat'g.	Cloudy.	Cloudy.	Foggy.	Clear.	Clear.	
STAT	7.07 A. M.	Clear.	Cloudy.	Cloudy.	Foggy.	Cloudy.	Cloudy.	Clear.	
ř.	11.07 P. M.	67	9	8	00	89	ಣ	•	
VELOCITY OF WIND.	8.07 P. M.	9	10	9	00	9	12	∞	
AO OF	70.7 .M.A	7	•	80	-	10	•	4	
# O F	11.07 M.A	N.E.	N.E.	z E	ផ	S.W.	z	Calm.	
DIRECTION WIND.	8.07 P. M.	N.E.	N.E.	z	zi '	σά	₩.	S.W.	
Dim	70.7 .MA	ż	Z. E.	N.E.	S.W.	S.W.	₩.	S.W.	
VE TY.	11.07 P. M.	77	68	29	` 26	8	25	3	
RELATIVE HUMIDITY.	3.07 P. M.	11	98	76	22	88	8	22	
HE	70.7 .MA	20	11	88	88	85	93	49	
	Mîn'm.	19	27	8	23	41	83	83	
냺	.m'xsM	8	40	37	41	47	8	4	
Тневмометев.	Mean Daily Suley	26.2	35.0	33.2	83.8	44.2	35.5	36.0	34.8
HERN	11.07 P. M.	23	37	88	41	45	81	4	
Ē	8.07 P. M.	8	88	8	83	#	\$	4	
	70.7 .M.A	8	& 	31	:3 	2	4	28	
	Mean Daily Value.	30.79	30.44	30.41	30.15	29.77	29.98	30.21	30.25
Barometer.	11.07 P. M.	30.74	30.34	30.44	29.94	29.71	30.25	30.27	
Ваков	3.07 P. M.	30.81	30.42	30.41	30.15	29.76	29.99	30.13	
	7.07 A. M.	30.82	30.57	30.39	30.37	29.84	29.71	30.22	
Day.	ŝY.	27,	8,	ģ	99	31,	i t	2,	
Month and Day.	1884. JANUARY	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday, 31,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, FEBRUARY 9, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH WARD.
Abscess of Liver,	2		Infla'mat'n Kidneys	2	1	First 15
Alcoholism	8	l'''''	" Liver	2		Second
Anemia	1	1	4 Lungs	19	27	Third 6
Apoplexy	9	•	" Pericardium		1	Fourth 8 Fifth 8
Asphyxia	I -	1	" Peritoneum.	5	1	Sixth 2
Asthma	2	1 1	" Pleura	1	٠ ا	Sixth 2 Seventh 18 Eighth 9 Ninth 5 Tenth 6
Bright's Disease	5	2	" S. & Bowels	2	4	Eighth 9 Ninth 5
Burns and Scalds	1	2	Inanition	ı	6	Tenth 6
Cancer of Breast	4	²	Intussusception	- 1	8	Eleventh 1
	-			- 1	1	Twelfth
типв		·····	Malformation	1	. 1	Fourteenth 8
· Uverus			Marasmus	_ [11	Fifteenth 23
Carbuncle	1				1	Sixteenth 4 Seventeenth 22
Casualties	4		Neuralgia of Heart	1	•••••	Seventeenth 22 Eighteenth 19
Cerebro-spinal Meningitis		2	Old Age	21		Nineteenth 30
Congestion of Brain		8	Obstruction of Bowels	2		Twentieth 26
rungs		7	Paralysis	6	1	Twenty-first 11 Twenty-second 12
Cirrhosis of Liver		1	Scierosis of Spine	1		Twenty-third 12
Consumption of Bowels	2		Septicæmia	3	•••••	Twenty-fourth 18
" Lungs		.6	Syphilis		2	Twenty-fifth 21 Twenty-sixth 18
Convulsions		14	Tabes Mesenterica		1	Twenty-seventh. 27
" Puerperal	1		Tetanus		1	*Twenty-eighth 9
Croup	ļ	13	Tumor of Brain	1		Twenty-ninth 15 Thirtieth 9
Cyanosis	 	2	" Uterus	1		Thirty-first 15
Debility	8	4	Ulceration of Bowels		1	*Municipal Hospital, 0.
Diabetes	1	. 	Uræmia	1	2	wanterpar Hospital, U.
Diarrhœa	2	l	TOTALS	209	188	
Diphtheria	ļ	9	TOTALS	209	100	M-Alulau - s-
Dropsy		ll	·-			Nativity, etc.
" Abdominal				- 1	- 1	• 1
" of Brain	l	2		- 1	- 1	United States 296
" Chest				- 1	ı	Foreign 88
" Lungs				- 1	- 1	Unknown 18
" Ovaries				ı	1	People of Color 28
Disease of Heart	4	2	1	- 1	- 1	i i
" Prostate	1	-			- 1	
" Spine	1	1	1		- 1	
		1	Of the above there were:		- 1	Males 189
	*****					Females 208
Drowned	1	1 1	Under 1 weer	- 1		
Dysentery		1	Under 1 year		77	1
Dysentery Effusion of Brain		2	From 1 to 2		34	Boys 97
Dysentery Effusion of Brain Embolism of Brain	1	2	From 1 to 2 2 to 5		34 39	1
Dysentery Effusion of Brain Embolism of Brain Erysipelas	1	2	From 1 to 2		34 39 16	Boys 97 Girls 91
Dysentery Effusion of Brain Embolism of Brain Erysipelas Fatty Degen. of Heart	1 1 2	2	From 1 to 2		34 39 16 8	Boys 97
Dysentery	1 1 2	2 18	From 1 to 2		34 39 16 8 14	Boys
Dysentery	1 1 2 9	2 18 3	From 1 to 2		34 39 16 8 14 32	Boys
Dysentery	1 1 2 9 1	2 18	From 1 to 2		34 39 16 8 14 32 40	Boys
Dysentery	1 1 2 9 1	18 3 1	From 1 to 2		34 39 16 8 14 32 40 31	Boys
Dysentery	1 1 2 9 1 1	18 3 1	From 1 to 2		34 39 16 8 14 32 40 31 28	Boys
Dysentery	1 1 2 9 1	2 18 3 1 1	From 1 to 2		34 39 16 8 14 32 40 31 28 29	Boys
Dysentery	1 1 2 9 1 1	2 18 3 1 1 3 1	From 1 to 2		34 39 16 8 14 32 40 31 28 29 31	Boys
Dysentery	1 1 2 9 1 1	2 18 3 1 1 3 1 4	From 1 to 2		34 89 16 8 14 32 40 31 28 29 31	Boys
Dysentery	1 1 2 9 1 1 1 4	2 18 3 1 1 3 1	From 1 to 2		34 89 16 8 14 32 40 31 28 29 31	Boys

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, FEBRUARY 9, 1884. DURING THE

RAIN.	i.	S.	.12	23.	8.	.18	.17	.43	177
HER.	11.07 P. M.	Cloudy.	Lt. Rain.	Clear.	Cloudy.	Lt. Rain.	Cloudy.	Cloudy.	
STATE OF WEATHER.	3.07 P. M.	Clear.	Foggy.	Cloudy.	Cloudy.	Lt. Rain.	Lt. Rain.	Cloudy.	
BTAT	7.07 A. M.	Clear.	Cloudy.	Foggy.	Fair.	Cloudy.	Lt. Rain.	Lt. Rain.	
F.G.	11.07 P. M.	9	12	10	80	16	∞	4	
VELOCITY OF WIND.	8.07 P. M.	**	10	9	10	14	15	8	
A O	70.7 .M .A	-	6	10	∞	10	16	60	
K OF	11.07 M . A	X E	N.E.	S.W.	zi	N.E.	X E	S.₩.	
DIRECTION O	8.07 P. M.	S.W.	z. Ei	S.W.	S.W.	Z E	N.E.	Ä.E.	
ρ	70.7 .MA	S.W.	Z.	Z.	S.W.	N.W.	z Z	Z. E.	
VE TY.	11.07 P. M.	92	100	8	8	82	88	8	
RELATIVE HUMIDITY.	3.07 P. M.	12	8	93	73	83	88	92	
HR	70.7 A. M.	8	100	8	88	- 88	100	8	
	.m'niM	39	8	24	22	88	22	8	
EB.	Max'm.	\$. 2	22	53	28	88	4	
THERMOMETER.	Mean Daily Value.	42.8	36.2	45.5	59.0	46.8	37.2	40.3	44.0
HER)	11.07 .Mq	*	*8	22	58	8	8	. 4	
H	8.07 P. M.		- 38	47	65	47	8	42	
	70.7 .M .A	8	37		54	54	37	37	<u> </u>
	Mean Daily Value.	30.23	30.23	29.93	29.89	30.21	30.36	30.20	30.16
BAROMETER.	11.07 P.M.	30.26	30.17	29.91	29.98	30.35	30.37	30.23	
BARO	3.07 P. M.	30.29	30.25	29.87	29.83	30.21	30.34	30.13	
	7.07 A. M.	30.34	30.27	30.01	29.87	30.07	30.37	30.26	
Day.	RY.	က်	4	ď,	و.	7,	ος [*]	6	
Month and	1884. FEBRUARY	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, FEBRUARY 16, 1884.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULT	MINORS	DEATHS IN EACH WARD.
Abscess of Face		1	Infla'mat'n, Lungs	19	20	First 18
" Kidney	1	ll	" Pericardium	2	ll	Second 17
4 Psoas	1	1	" Peritoneum.	1 -		Third 4
Alcoholism	1	-	" 8. & Bowels		4	Fourth 9
	11		" Uterus	1	1 1	Sixth5
Apoplexy	1	2		1	···;··	Seventh
Asphyxia	1	1 - 1	Inanition		4	Eighth 7
Bright's Disease	111		Jaundice		1	Ninth 6 Tenth 6
Burns and Scalds	1		Marasmus	1	10	Eleventh 10
Cancer of Liver	2		Measles		4	Twelfth 4
" Stomach	1		Neuralgia of the Heart	1		Thirteenth 9
Casualties	7	1	Old Age	16		Fourteenth 10 Fifteenth 27
Cerebro-spinal Meningitis	1	1	Obstruction of Bowels			Sixteenth 6
Congestion of Brain	3	3	" Larynx		1	Seventeenth 9
" Lungs	1	2	Paralysis		2	Eighteenth 17
Cholera Infantum	_	1	Poisoning, Opium	1 .	1	Nineteenth 29 Twentieth 13
Cirrhosis of Liver	2				. 1	Twentieth 13
			Pyæmia			Twenty-second 8
Consumption of Bowels	1		Rheumatism		1	Twenty-third 15
" Lungs	55	4	or neart			Twenty-fourth 21
Convulsions	2	21	Scrofula	1	1	Twenty-fifth 15 Twenty-sixth 9
Croup		5	Septicæmia	3	1	Twenty-seventh. 21
Cyanosis		3	Small-pox	1		*Twenty-eighth 12
Cramps		1	Softening of Brain	1		Twenty-ninth 19
Debility	3	4	" Spinal Cord.			Thirtieth 10
Diphtheria		9	Suicide, Shooting	•		Thirty-first 15
Dropsy	3		Syphilis	,	2	*Municipal Hospital, 0.
" Abdominal		1	Tumor of Liver		1 1	1
	1	- 1		1		!
" of Lungs			Ulceration of Stomach			Nativity, etc.
Disease of Brain	1		Uræmia	1		marriey, otal
" Heart	I -		TOTALS	222	157	United States 278
131461	2			_	_	Foreign 92
Drowned	1					Unknown 14
Embolism of Brain	1					People of Color 36
" Heart	1					reopie of color
Erysipelas	1	1				
Emphysema	ı	l				1
Fatty Degen. of Heart	2					!
Fever, Malarial	2		Of the above there were	• •		Males 196
" Puerperal	1				71	
	i				1 - 1	Females 183
ocarie	_	19	From 1 to 2		20	Boys 87
1) puota	9	6	- 210 0,		84	Girls 70
Fistula in Ano		1	" 5 to 10			
Gangrene			" 10 to 15		- 5	Premature Birth.
Heart Clot		1	" 15 to 20		14	V-1-
		2	" 20 to 30	· • • • • • • • • • • • • • • • • • • •	45	Males 4
Hemorrhage of Bowels	1		" 30 to 40		39	Females 2
Hemorrhage of Bowels "Brain		1	" 40 to 50		31	Total 6
" Brain	1	1 1			32	
" Brain Hernia, Strangulated		1 - i	" 50 to 60			
" Brain Hernia, Strangulated Hooping Cough		2	00 10 00			Still-Ross
" Brain Hernia, Strangulated Hooping Cough Infla'mat'n, Brain	2	2 8	" 60 to 70	•••••	24	Still-Born.
" Brain Hernia, Strangulated Hooping Cough Infla'mat'n, Brain " Bronchi	2 2	2 8 4	" 60 to 70 " 70 to 80	•••••	24 32	
Hernia, Strangulated Hooping Cough Infla'mat'n, Brain Bronchi Bladder	2 2 2 1	2 8	60 to 70		24 32 16	Males 8
" Brain Hernia, Strangulated Hooping Cough Infla'mat'n, Brain " Bronchi	2 2 1 1	2 8 4	" 60 to 70 " 70 to 80	••••••	24 32	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, FEBRUARY 16, 1884. DURING THE

RAIN.	ď	8.	4.	孝	.15	85	8.	8		æ.
THER.	8.07 P. M. 11.07 P. M.	Cloudy.	Lt. Rain.	Lt. Rain.	Clear.	Cloudy.	Clear.	Clear.		
STATE OF WEATHER.	8.07 P. M.	Cloudy.	Cloudy.	Cloudy.	Cloudy.	Lt. Rain.	Clear.	Cloudy.		
STAT	7.07 A. M.	· Clearing.	Sleeting.	Foggy.	Foggy.	Threat'g.	Cloudy.	Clear.		
ž ė	11.07 P. M.	9	9	4	70	12	9	œ		
VELOCITY OF WIND.	8.07 P. M.	7	4	•	7	18	14	9		
OF C	70.7 .M.A	10	∞	-	4	10	15	•		
1 OF	11.07 .M9	N. E.	Ä.	ᆆ	ත්	N.W.	N.E.	뗘		
DIRECTION WIND.	3.07 M. A	z	N.E.	හ්	S.W.	S.W.	z.	ä		
DIR	70.7 .M .A	N.W.	Ä. E.	Ä.	න්	øć.	z	N.E.		
TY.	11.07 P. M.	11	28	8	93	62	77	79		
RELATIVE HUMIDITY.	3.07 P. M.	3	88	\$	87	11	89	29		
RE	70.7 .M .A	78	2	88	100	93	. 1 8	88		
	.m'aiM	88	æ	37	3	88	ス	22		
	.m'xsM	\$	#	47	8	8 3	æ	£		
THERMOMETER.	Mean Daily Value.	41.5	87.8	44.7	57.4	49.0	28.6	34.0		41.8
HERM	11.07 M. · · · · · · · · ·	8	88	4	29	88	28	88		
E	8.07 P. M.	3	%	46	61	8	32	4		
	70.7 .M. A	4	25	42	22	19	23	23		
	Mean Daily Value.	30.48	30.43	30.23	29.87	29.94	30.49	30.66		30.30
BAROMETER.	11.07 P. M.	30.54	30.37	30.18	29.83	30.21	30.65	80.57		
Вавов	3.07 P. M.	30.50	30.44	30.25	29.83	29.91	30.45	30,67		
	7.07 A. M.	30.40	30.48	30.26	29.96	29.70	30.37	30.75		
Month and Day.	1884. FEBRUARY.	Sunday, 10,	Monday, 11,	Tuesday, 12,	Wed'sday, 13,	Thursday, 14,	Friday, 15,	Saturday, 16,		Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, FEBRUARY 23, 1884.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN EACH WARD.	
Abscess of Liver	1		Infla'mat'n Peritoneum.	4	1	First	21
" Lumbar		1	" Pleura		1	Second	16
Alcoholism	1		" S. & Bowels	1	4	Third	10 8
Anemia		1	" Spine	1	l	Fifth	4
Apoplexy	7		" Veins	1		Sixth	6
Asphyxia		1	l =		9	Seventh	11
Asthma	1		Jaundice	1		Ninth	5
Bright's Disease	6	3	Malformation		1	Tenth	9
Burns and Scalds		2	Marasmus		12	Eleventh	6 11
Cancer of Breast	1	- 1	Murder	1		Thirteenth	9
" Stomach	2	1	Neuralgia of Heart		1	Fourteenth	9
. " Uterus	6	- 1	Old Age	13	- 1	Fifteenth	13
	6	1	Obstruction of Bowels	1		Sixteenth Seventeenth	7 10
Casualties,		8	Ossification of Heart	1		Eighteenth	16
Congestion of Brain	1	8		5		Nineteenth	26
•	1	1 1	Paralysis			Twentieth	14 10
" Laver	2		Poisoning, Carbolic Acid	1	·····	Twenty-second	14
Tungs	8	8	Leau	1		Twenty-second Twenty-third	11
Cirrhosis of Liver	- 1	•••••	Pyæmia	2	1	Twenty-fourth	11 28
Consumption of Bowels	8		Septicæmia	1	•••••	Twenty-sixth	17
" Lungs	45	7	Small-pox	•••••	1	Twenty-seventh.	15
Convulsions		18	Softening of Brain	2	•••••	*Twenty-eighth	14 22
Croup		7	Suicide, Hanging	1		Twenty-ninth Thirtieth	17
Cyanosis		8	" Shooting	2		Thirty-first	9
Degeneration of Liver	1		Syphilis	1		*Municipal Hospital,	0.
Debility	8	5	Ulceration of Leg	1			
Diarrhœa		1	TOTALS	206	173		
Diphtheria		24	TOTALS		110	Nativity, etc.	
Dropsy	1		·			Hanvity, otto	
" of Brain		1					~~4
Disease of Brain	•••••	1	1		1 1		284
# Hoort	25	4				Foreign	88
" Heart	20	* 1				Unknown	7
Heart	1				1	-	
Drowned	1	1				People of Color	20
Drowned	1					-	20
Drowned Dysentery Enlargement of Liver	1					-	20
Drowned	1 1 1					-	20
Drowned	1 1 1 1	1				People of Color	
Drowned	1 1 1 1 2	1	Of the above there were:			People of Color Males	197
Drowned	1 1 1 2	1	Of the above there were:		en	People of Color Males	1 97 182
Drowned	1 1 1 2	1	Under 1 year			People of Color Males Females Boys	197 182 93
Drowned	1 1 1 2	1 1 1	Under 1 year From 1 to 2	•••••	22	People of Color Males Females Boys	1 97 182
Drowned	1 1 1 2 1	1 1 1 13 '1	Under 1 year From 1 to 2	•••••	22 46	Males	197 182 93
Drowned	1 1 1 2 1 2 10 2	1 1 13 '1	Under 1 year From 1 to 2		22 46 15	People of Color Males Females Boys	197 182 93
Drowned Dysentery Enlargement of Liver Emphysema. Exposure Fatty Degen. of Heart Fever, Brain " Puerperal " Scarlet " Typhoid Gangrene. Hemorrhage, Brain.	1 1 1 2 1 2 1 2 1	1 1 13 '1	Under 1 year		22 46 15 6	Males	197 182 93
Drowned	1 1 1 2 1 2 1 2 1	1 1 13 '1	Under 1 year		22 46 15 6 15	Males	197 182 93 '80
Drowned	1 1 1 2 1 10 2 1 1	1 1 1 1 1 1 1 1 1 1	Under 1 year		22 46 15 6 15 40	People of Color Males	197 182 93 '80
Drowned	1 1 1 2 1 2 1 1 2 3	1 13 '1 1 12	Under 1 year		22 46 15 6 15 40 36	Males	197 182 93 '80
Drowned	1 1 1 2 1 10 2 1 1	1 1 13 '1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50		22 46 15 6 15 40 36 32	Males	197 182 93 '80
Drowned Drowned Dysentery Enlargement of Liver Emphysema. Exposure Fatty Degen. of Heart Fever, Brain " Puerperal " Scarlet " Typhoid Gangrene. Hemorrhage, Brain. " Lungs. Hooping-cough Infla'mat'n, Brain. " Bronchi. " Bladder.	1 1 1 1 2 1 10 2 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Under 1 year From 1 to 2 2 to 5 3 to 10 4 10 to 15 4 15 to 20 4 20 to 30 5 0 to 60		22 46 15 6 15 40 36 32 26	People of Color Males	197 182 93 '80
Drowned	1 1 1 1 2 10 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 13 '1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60 " 60 to 70		22 46 15 6 15 40 36 32 26 26	People of Color Males	197 182 93 '80
Drowned	1 1 1 2 10 2 1 1 1 1 1 1 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60 " 60 to 70 " 70 to 80		22 46 15 6 15 40 36 32 26 26 34	People of Color Males	197 182 93 80 7 1 8
Drowned	1 1 1 1 2 10 2 1 1 1 1 1 4 18	1 1 1 1 1	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60 " 60 to 70		22 46 15 6 15 40 36 32 26 26	People of Color Males	197 182 93 '80

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WEEK ENDING SATURDAY, FEBRUARY 23, 1884.

Влім.	ja.	02.	.10	8	5.	8.	8.	1.16	2.72
HKR.	11.07 P. M.	Lt. Bain.	Clear.	Cloudy.	Clear.	Clear.	Cloudy.	Clear.	
STATE OF WEATHER	3.07 P. M.	Lt. Rain.	Cloudy.	Cloudy.	Clear.	Clear.	Cloudy.	Cloudy.	
STAT	7.07 A. M.	Threat'g.	Foggy.	Foggy.	Cloudy.	Fair.	Clear.	Lt. Rain.	
E G	11.07 M. A	4	4	15	13	61	9	11	
VELOCITY OF WIND.	8.07 P. M.	11	4	12	3 6	12	2	ដ	
V.	70.7 .M .A	4	•	10	<u> </u>	•	9	4	
4 OF	11.07 P. M.	X E	`.	庙	zi	छ छ		N.W.	
DIRECTION OF WIND.	8.07 P. M.	보 보	S.W.	zó	N.W.	N.W.	S.W.	N.W.	
Dit	70.7 .MA	z E	N.W.	텨	. W.	N.W.	zi	N.W.	
VE TY.	11.07 TO, 11	9 <u>1</u>	8	88	22	73	8	22	
RELATIVE HUMIDITY.	8.07 P. M.	18	8	98	57	36	\$	82	
HE	70.7 .M .A	\$	88	86	8	22	88	100	
	.m'niM	, 2 2	3	£	31	8	59	8	
ä	Max'm.	. 12	22	53	99	4	20	21	
THERMOMETER.	Mean Daily Value.	44.1	51.8	47.9	42.0	87.2	43.3	35.8	43.3
HERN	11.07 .M .A	28	52	47	- 31	4	48	36	
E	3.07 P. M.	4	57	49	4	£	20	<u>\$</u>	
	70.7 .M .A	37	94	47	138	88	- 33	47	
	Mean Daily Value.	30.06	29.87	30.07	29.86	30.23	30.14	29.79	30.01
BAROMETER.	11.07 P.M.	29.78	29.97	29.89	30.22	30.23	29.93	30.01	
BARO	3.07 P. M.	30.05	29.82	30.15	29.87	30.13	30,18	29.71	
	7.07 A. M.	30.33	29.81	30.17	29.48	30.32	30.32	29.64	
Month and Day.	1884. FEBRUARY.	Sunday, 17,	Monday, 18,	Tuesday, 19,	Wed'sday, 20,	Thursday, 21,	Friday, 22,	Saturday, 23,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, MARCH 1, 1884.

CAUSES OF DEATH.	ADULTS	MINORS	ÇAUSES OF DEATH.	MINORS	DEATHS IN EACH WARD.
Abscess, Lumbar	1		Inanition	10	First
Alcoholism	1		Jaundice	1	Second 17
Apoplexy	7		Malformation	1	Third 5 Fourth 5
Bright's Disease	9	2	Marasmus	9	Fifth 6
Burns and Scalds	1		Measles	1	Sixth
Cancer of Liver	2		Old Age 17		Seventh 8 Eighth 8
" Stomach	5		Obstruction of Bowels 1		Ninth 5
" Uterus	3		Paralysis9	1	Tenth 1
Casualties	5		Sclerosis of Spine 1	l	Eleventh 2 Twelfth 5
Cerebro-spinal Meningitis		2	Septicæmia 1	l	Thirteenth 10
Congestion of Brain	1	3	Small-pox	1	Fourteenth 6
" Lungs	3	3	Softening of Brain 3		Fifteenth 25 Sixteenth 8
Cholera Infantum		2	Spina-Bifida	1	Seventeenth 10
Cirrhosis of Liver			Suffocation	1	Eighteenth 15
Consumption of Bowels	1		Suicide, Fracture of Skull 1		Nineteenth 19 Twentieth 23
" Lungs		4	Syphilis 1	ι	Twenty-first 4
Convulsions		12	Uræmia 2	i	Twenty-second 6
Croup	ı	7		l!	Twenty-third 7 Twenty-fourth 23
Cyanosis	ı	1	TOTALS 211	149	Twenty-fourth 23 Twenty-fifth 9
Debility		4	'==		Twenty-sixth 16
Degeneration of Heart		*		1	Twenty-seventh. 27
Diabetes	1				*Twenty-eighth 18 Twenty-ninth 19
Diarrhœa					Thirtieth 15
Diphtheria		18			Thirty-first 11
Dropsy		10			*Municipal Hospital, 1.
* Abdominal					
" of Brain		3			
" Heart					Nativity, etc.
" Lungs	l i	1	•	1	
Disease of Heart		2			United States 261
" Kidneys		-			Foreign 90
Drowned	2			ŀ	Unknown 9
Enlargement of Heart		••••			
					People of Color 19
					From Municipal
Erysipelas		2			
Erysipelas Emphysema	2				From Municipal
Erysipelas Emphysema Fatty Degen. of Liver	 2 1				From Municipal Hospital 1
Erysipelas Emphysema Fatty Degen. of Liver Fever, Catarrhal	2 1	1	Of the above there were		From Municipal Hospital 1 Males 176
Erysipelas Emphysema Fatty Degen. of Liver Fever, Catarrhal " Scarlet	2 1 	 1 7	Of the above there were:		From Municipal 1 1
Erysipelas Emphysema Fatty Degen. of Liver Fever, Catarrhal " Scarlet " Typhoid	2 1 2 6	1 7	Under 1 year	69	From Municipal 1
Erysipelas Emphysema Fatty Degen. of Liver Fever, Catarrhal " Scarlet " Typhoid Gout	2 1 2 6 1	1 7	Under 1 year From 1 to 2	23	From Municipal 1 1
Erysipelas Emphysema Fatty Degen. of Liver Fever, Catarrhal " Scarlet " Typhoid Gout Hemorrhage of Lungs	2 1 2 6 1	1 7	Under 1 year From 1 to 2	23 33	From Municipal 1 1 1 1 1 1 1 1 1
Erysipelas Emphysema Fatty Degen. of Liver Fever, Catarrhal Scarlet Typhoid Gout Hemorrhage of Lungs Hooping Cough	2 1 2 6 1	1 7	Under 1 year	23 33 15	From Municipal 1
Erysipelas Emphysema. Fatty Degen. of Liver Fever, Catarrhal " Scarlet " Typhoid Gout Hemorrhage of Lungs Hooping Cough Infla'mat'n, Brain	2 1 2 6 1 1	1 7 2 11	Under 1 year	23 33 15 6	From Municipal 1 1 1 1 1 1 1 1 1
Erysipelas	2 1 2 6 1 1 5 2	1 7 2 11 3	Under 1 year	23 33 15 6 3	From Municipal Hospital 1 1 1 1 1 1 1 1 1
Erysipelas Emphysema Fatty Degen. of Liver Fever, Catarrhal " Scarlet " Typhoid Gout Hemorrhage of Lungs Hooping Cough Infla'mat'n, Brain " Bronchi " Gall Bladder	2 1 2 6 1 1 5 2	1 7 2 11 3 1	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30	23 33 15 6 3 42	From Municipal Hospital 1 1 1 1 1 1 1 1 1
Erysipelas Emphysema Fatty Degen. of Liver Fever, Catarrhal " Scarlet " Typhoid Gout Hemorrhage of Lungs Hooping Cough Infla'mat'n, Brain " Bronchi " Gall Bladder " Kidneys	2 1 2 6 1 1 2 2	1 7 2 11 3 1	Under 1 year	23 33 15 6 3 42 29	From Municipal Hospital 1 1 1 1 1 1 1 1 1
Erysipelas Emphysema Fatty Degen. of Liver Faver, Catarrhal " Scarlet " Typhoid Gout Hemorrhage of Lungs Hooping Cough " Bronchi " Gall Bladder " Kidneys " Larynx	2 1 2 6 1 1 2 5 2	1 7 2 11 3 1 2	Under 1 year	23 33 15 6 3 42 29 31	From Municipal Hospital 1 1 1 1 1 1 1 1 1
Erysipelas	2 1 2 6 1 1 2 2 2	1 7 2 11 3 1	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60	23 33 15 6 3 42 29 31 32	From Municipal Hospital 1 1 1 1 1 1 1 1 1
Erysipelas	2 1 2 6 1 1 2 6 2 2 15 1	1 7 2 11 3 1 2 20	Under 1 year	23 33 15 6 3 42 29 31 32 36	From Municipal Hospital 1 1 1 1 1 1 1 1 1
Erysipelas Emphysema Fatty Degen. of Liver Fever, Catarrhal " Scarlet " Typhoid Gout Hemorrhage of Lungs Hooping Cough Infla'mat'n, Brain " Bronchi " Gall Bladder " Kidneys " Larynx " Lungs " Peritoneum. " S. & Bowels	2 1 2 6 1 1 5 2 2 15 1 5	1 7 2 11 3 1 2	Under 1 year	23 33 15 6 3 42 29 31 32 36 21	From Municipal Hospital 1 1 1 1 1 1 1 1 1
Erysipelas	2 1 2 6 1 1 5 2 15 1 5	1 7 2 11 3 1 2 20	Under 1 year	23 33 15 6 3 42 29 31 32 36 21	From Municipal Hospital 1 1 1 1 1 1 1 1 1

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, MARCH 1, 1884.

RAIN.	ij	8	8	鴙.	8.	.76	.8	8.	1.03
PHER.	11.07 P. M.	Cloudy.	Lt. Rain.	Cloudy.	Cloudy.	Clear.	Clear.	Cloudy.	
STATE OF WEATHER.	7.07 A. M. 3.07 P. M. 11.07 P. M.	Clear.	Cloudy.	Cloudy.	Fair.	Clear.	Fair.	Cloudy.	
STAT	7.07 A. M.	Clear.	Cloudy.	Cloudy.	Clear.	Lt. Rain.	Clear.	Clear.	
¥e.	11.07 P. M.	3	œ	x 0	6	28	6	4	
VELOCITY OF WIND.	3.07 P. M.	80	/ 10	61	6	21	8	က	
O.F.	70.7 .MA	13.	80	=	9	7	18	*	
r 0#	11.07 M. A	ಹೆ	N.E.	N.W.	S.	N.W.	₩.	ස් ග්	
DIRECTION WIND.	8.07 P. M.	N.W.	खं 80	Z E	N.W.	W.W.	₩.	¥	
DIR	70.7 .M .A	N.W.	ផ	Z E	₩.	z z	N.W.	¥.	
VE IX.	11.07 P. M.	8	1 6	83	82	42	46	54	
RELATIVE HUMIDITY.	3.07 P. M.	88	26	83	8	2	51	2	
HO	70.7 .M .A	88	92	\$	72	100	70	61	
	Min'm.	12	8	*	88	17	2	12	
43	Max'm.	25	- 28	4	3	4	17	83	
Thermometer.	Mean Daily Value,	28.5	40.3	41.7	40.7	29.8	14.0	12.0	8 9.6
HERM	11.07 P. M.	SS	\$	42	4	17	41	27	
Ĥ	8.07 P. M.	82	47	. 65	£	- 88 - 88	11	27	
	70.7 .M .A	21	8	8	88	37	=	12	
	Mean Daily Value,	30.30	30.11	29.82	29.88	29.45	29.83	29.88	29.90
BAROMETER.	11.07 P.M.	30,34	29.98	29.84	29.79	29.66	29.95	29.81	
Ваков	3.07 P. M.	30,30	30.11	29.77	29.90	29.37	29.79	29.87	
	7.07 A. M.	30.27	30.26	29.84	29.93	29.33	29.76	29.97	
Month and Day.	1884. FEBRUARY.	Sunday, 24,	Monday, 27,	Tuesday, 26,	Wed'sday, 27,	Thursday, 28,	Friday, 29,	MARCH. Saturday, 1,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the seq. Barometer corrected for temperature, elevation above seq, and instrumental error.

WEEK ENDING SATURDAY, MARCH 8, 1884.

CAUSES OF DEATH.	ADULTS	MÎNORS	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN EACH	Ħ
Abscess of Brain	1		Heart Clot	2		First	17
" Kidney	1		Hemorrhage, Uterus	1		Second	11
" Lung	2		Hypertrophy of Heart	2	l	Third	5 10
" Rectum		1	Infla'mat'n, Brain		4	Fifth	6
Alcoholism	1		" Bronchi		4	Sixth	6
Anemia	1	1	" Kidneys		1	Seventh	10
Aneurism of Aorta	1	-	" Larynx		î	Eighth Ninth	10 4
	9		4 Liver		I - I	Tenth	10
Apoplexy						Eleventh	8
Bright's Disease	8		" Lungs		9	Twelfth	4
Burns and Scalds	1		rencardium			Thirteenth	5 10
Cancer of Arm	1		I ci itolicum.	1 -		Fifteenth	18
" Jaw	1	•••••	D. G. DOWELS		7	Sixteenth	5
" Liver	1		Insanity			Seventeenth	.8
" Lungs	1		Inanition		6	Eighteenth Nineteenth	18 81
" Pylorus	1	 [Intussusception	l	1	Twentieth	17
" Stomach	1		Jaundice	l	1	Twenty-first	8
" Uterus	5		Leucocythemia			Twenty-second	19
Casualties	6	2	Malformation		2	Twenty-third Twenty-fourth	11 17
Cerebro-spinal Meningitis	1	1	Marasmus		5	Twenty-fifth	14
	2	4	Neuralgia of Heart		1 1	Twenty-sixth	14
Congestion of Brain	- 1			-		Twenty-seventh.	26
Tunks	8	2	Old Age	1		*Twenty-eighth	15
Cholera, Infantum		2	Obstruction of Bowels	- 1		Twenty-ninth Thirtieth	33 8
Cirrhosis of Liver	8		Ossification of Heart			Thirty-first	16
Consumption of Bowels	1		Paralysis	16		' Municipal Hospital,	
" Lungs	58	7	Poisoning, Lead	1		wanterpar nospital,	v.
Convulsions		19	Pyæmia	1	11		
Croup		8	Rheumatism of Heart		11		
Cyanosis		8	Sclerosis of Brain			Nativity, etc.	
Debility	4	5	Septicæmia			l	
Diarrhœa	1	2	Small-pox		1	United States	286
	- 1	10	Softening of Brain			Foreign	85
Diphtheria			" Stomach			Unknown	8
Dropsy					1	People of Color	17
" of Brain		3	Suicide, Cutting Throat			1 copic or color	
" Heart	2	•••••	Syphilis		1	ľ	
" Lungs		1	Tetanus		1		
Disease of Brain	1		Trismus Nascentium		1	İ	
" Heart	17	2	Ulceration of Bowels		1	Males	192
" Kidneys	1		Ursemia	2	<u> </u>	Females	197
" Liver	1	•••••		-	!!	Boys	76
Dysentery	2		TOTALS	242	147	Girls	71
Emphysema	ī			-	=	G1118	
Embolism of Brain	1	l i	Of the above there were		ŀ	Premature Birth	
		•••••	Under 1 year		75	Fremature Dirtin	•
Enlargement of Heart	2	•••••	From 1 to 2		15 32	Males	
" Prostate	1	•••••	" 5 to 10		10	Females	8
Erysipelas	2	8	" 10 to 15	•••••	~~		
Fatty Degen, of Heart	1		" 15 to 20		8	Total	6
" " Liver	1		" 20 to 30 " 30 to 40	•••••	37 47	-	
Fever, Malarial	1		" 40 to 50		32	Still-Born.	
" Puerperal	1		" 50 to 60		36		
" Scarlet		16	" 60 to 70		41	Males	14
" Typhoid	2	7	/0 to 80	•••••	33	Females	13
Hanging	1	'	" 80 to 90 " 90 to 100	•••••	13	Total	27

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, MARCH 8, 1884.

ВАІИ.	ī.	91.	9.	8	.18	<u>8</u> .	₹.	8.	1.27
HEB.	11.07 P. M.	Clear.	Clear.	Clear.	Lt. Rain.	Clear.	Lt. Rain.	Lt. Bain.	
STATE OF WEATHER.	3.07 P. M.	Lt. Snow.	Fair.	Cloudy.	Lt. Snow.	Cloudy.	Cloudy.	Lt. Bain.	
BTAT	7.07 A. M.	Lt. Snow.	Cloudy.	Olear.	Cloudy.	Cloudy.	Cloudy.	Lt. Rain.	
J.G	11.07 P. M.	64	14	63	4	•	12	4	
VELOCITY OF WIND.	8.07 P. M.	2	16	13	9	•	12	12	
70	70.7 .M.A	7	61	•	*	፟.	4	13	
403	11.07 M. A	'n.	N.W.	S.W.	N.E.	Calm.	K.E.	Z E	
DIRECTION WIND.	8.07 F. M. ·	N.E.	₩.	N.X	zi Zi	N.W.	N.E.	E	
DIB	70.7 .MA	N.E.	¥.	N.W.	Ä.E	Ä.	z E	K.	
TY.	11.07 P. M. P. M.	25	45	92	94	83	901	8 ·	
RELATIVE HUMIDITY.	LU 8 1	73	89	61	88	73	99	100	
HH	70.7 .M.A	100	73	22	73	78	\$	<u>8</u>	
	Min'm.	8	22	19	77	33	88	88	
EB.	Max'm.	នុ	33	8	98	42	4	8	
Thermometer.	Mean Daily Value.	22.8	26.5	23.0	30.3	37.5	85.2	36.3	80.2
HER	11.07 P. M.	g	ដ	8	8	- S	88	98	
T	3.07 P. M.	ន	32	- 24	25	\$	\$		
	70.7 .MA	8	52	13	75	88	98		
	Mean Daily Value.	29.70	29.78	30.32	30.12	30.13	30.15	30,00	30.03
BAROMETER.	11.07 P.M.	29.75	30.02	30.40	29.92	30.20	30.09	30.11	
Вако	8.07 P. M.	29.66	29.66	30.31	30.05	30.13	30.16	29.95	
	7.07 A. M.	29.68	29.65	30.23	30.85	30,05	30.21	29.94	
Day.	ı.	6,	က်	4	ō,	6,	7,	œ.	
Month and Day	1884. MARCH	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, MARCH 15, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN BACH WARD.
Abscess of Arm		1	Hooping Cough		2	First 21
" Ear			Hypertrophy of Heart			Second 15
" Lungs			Infla'mat'n, Brain	3	8	Third 8 Fourth 7
" Throat		1	" Bronchi		8	Fifth 15
Alcoholism	1		" Kidneys	ا م		Sixth4
Apoplexy					2	Seventh 14 Eighth 8
Asphyxia	1	1	- 1		ı <u>.</u>	Ninth
Asthma			" Pericardium	- 1		Tenth 11
Bright's Disease		8	" Peritoneum,			Eleventh 10 Twelfth 8
Burns and Scalds			" Pleura			Thirteenth 5
Cancer			" S. & Bowels		8	Fourteenth 15
" of Bowels			Insanity		- 1	Fifteenth 28 Sixteenth 7
" Stomach			Inanition	- 1	5	Sixteenth 7 Seventeenth 16
" Uterus			Locomotor Ataxia	1	"	Eighteenth 22
Casualties	_	3	Malformation	-		Nineteenth 32
Cerebro-spinal Meningitis		1			1	Twentieth 18 Twenty-first 8
		- 1	Marasmus		1	Twenty-second 9
Congestion of Brain		5	Measles		1	Twenty-second 9 Twenty-third 11
Kidneys		••••••			•	Twenty-fourth 27 Twenty-fifth 15
rangs			Paralysis		1	Twenty-sixth 14
Cholera Infantum		1	Purpura Hemorrhagica		1	Twenty-seventh. 20
MOIDUB		1	Pyæmia	2		*Twenty-eighth 18
Cirrhosis of Liver		•••••	Septicæmia		••••	Twenty-ninth 18 Thirtieth 9
Collapse of Lung		1	Softening of Brain		••••	Thirty-first 16
Consumption of Lungs		8	Suicide, Cutting Throat	1	••••	*Municipal Hospital, 0.
Convulsions	1	17	Syphilis	••••	1	" Municipal Mospital, o.
Croup		14	Ulceration of Stomach	2	}	
Cyanosis		2	Uræmia	1		Nadalala
Debility		6	TOTALS2	59 17	,-	Nativity, etc.
Diabetes			10TALS2	39 17	1	United States 304
Diarrhœa			• 			Foreign 119
Diphtheria		18				Unknown 7
Dropsy		 			i	People of Color 24
" of Brain		4			ı	reopie or color
" Chest	1			ł	ı	
" Lungs	2	ll			- 1	
Disease of Heart	17	2			ı	
" Kidneys						Males 213
Effusion of Brain	l	1	Of the above there were:		1	Females 217
Enlargement of Heart			Under 1 year	6	55	Boys 97
Epilepsy	1	1	From 1 to 2		28	Girls 74
Erysipelas		1	" 2 to 5	- 1	4	01110
Fatty Degen. of Heart			" 5 to 10		8	Premature Birth.
			" 10 to 15		3	
Fever Malarial		*****	" 15 to 20		3	Males 0
		li			0	T31
" Malignant	1				:n	Females 4
" Malignant " Puerperal	1 3		" 20 to 30		60	
" Malignant " Puerperal " Scarlet	3	18	" 20 to 30 " 30 to 40	3	39	Total 4
" Malignant " Puerperal " Scarlet " Typhoid	1 3 14	18 7	" 20 to 30 " 30 to 40 " 40 to 50	3	39 33	Total 4
" Malignant " Puerperal " Scarlet " Typhoid Gangrene	1 3 14 1	18 7	" 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60	3 3	39 33 30	
" Malignant	1 3 14 1 1	18 7	" 20 to 30" " 30 to 40" " 40 to 50" " 50 to 60" " 60 to 70	3 3	39 33 30	Total4 Still-Born.
" Puerperal " Scarlet " Typhoid Gangrene Hemorrhage, Brain " Lungs	1 3 14 1 1	18 7 	" 20 to 30	3 3 4	39 33 30 11	Total
" Malignant	1 3 14 1 1	18 7 	" 20 to 30" " 30 to 40" " 40 to 50" " 50 to 60" " 60 to 70	3 3 4 3	39 33 30	Total4 Still-Born.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, MARCH 15, 1884. DURING THE

RAIN.	Ē	17:	8.		<u>s</u>		2 6.	-E.		1.09
THER.	11.07 P. M.	Clearing.	Clear.	Threat'g.	Clear.	Cloudy.	Lt. Rain.	Clear.		
STATE OF WEATHER	8.07 P. M.	Cloudy.	Clear.	Cloudy.	Cloudy.	Cloudy.	Lt. Bain.	Fair.		000000000000000000000000000000000000000
STAT	7.07 A. M.	Cloudy.	Clear.	Cloudy.	Cloudy.	Cloudy.	Lt. Snow.	Lt. Snow.		
ž e	11.07 P. M.	8	8	6	\$	•	=	6		
VELOCITY OF WIND.	8.07 P. M.	12	10	13	12	8	22	14		
VE	70.7 .M .A	71	22	9	•	•	4	15		
40 5	11.07 M. A		`.	zć	N.W.	Calm.	z	N.W.		
DIRECTION WIND.	8.07 F. M. ·	N.E.	N.W.	र्ख इं	₩.	뗘	z z	N.W.		
Ä	70.7 .M .A	N.E.	N.W.	œ	S.W.	N.W.	Z E	z E		
TY.	11.07 P. M.	75	79	8	53	83	92	62	li	
RELATIVE HUMIDITY.	3.07 P. M.	2.	83	8	98	28	\$	99		
HE	70.7 .M .A	8	67	69	98	8	100	<u>2</u>		
	.m'aiM	81	8	8	47	45	:8	83		
g	.m'xsM	88	8	13	99	51	46	46		
THERMOMETER.	Mean Daily Value.	84.8	24.1	46.7	52.9	46.2	38.3	39.7		41.8
HERN	11.07 P. M.	8	8	219	47	4	8	8	1	
Ē	8.07 P. M.	37	8	53	22	26	8 	3		
	70.7 .MA	32	8		72	3	37	98	ji	
	Mean Daily Value.	29.99	30.33	30.20	30.06	30.37	30.00	30.06		30.14
BAROMETER.	11.07 P. M.	29.99	30.40	30.04	30.26	30,33	29.89	30.20	!!	
ВАВОВ	8.07 P. M.	29.88	30.34	30.17	29.96	30.37	29.95	30.04		
	7.07 A. M.	30,10	30.24	30.38	29.97	30.40	30.15	29.95		
Day.	.	6	10,	=,	12,	13,	14,	15,		
Month and	1884. MARCH.	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,		Means

The surface of the mercury in the cistern of Barometer is 92,119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

· 100
Week Ending Saturday, March 22, 1884.

CAUSES OF DEATH.	*DOLT'S	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC WARD.	H
Abscess of Lungs	2		Infla'mat'n, Bronchi	8	6	First	22
Alcoholism	2		" Kidneys			Second	9
Apoplexy	5		" Larynx			Third Fourth	11 14
Asphyxia		1	" Liver		1	Finh	12
Bright's Disease	8	1	" Lungs		12	Sixth	
Burns and Scalds		2	" Pericardium	ı		Seventh Eighth	4 8 7 4
Cancer of Breast	1	-	" Peritoneum.		1	Ninth	4
" Face	1		" Pleura	1	اآ	Tenth	6
" Liver	1		" S. & Bowels	1	6	Eleventh	6 3
" Pancreas	1		Inanition	-	8	Twelfth Thirteenth	10
" Stomach	1		Jaundice	1 -		Fourteenth	13
" Uterus	1		Malformation	1	1	Fifteenth	20
Casualties	8	2	Marasmus			Sixteenth Seventeenth	7 15
Congestion of Brain	8	9	Measles		2	Eighteenth	23
•	-	9	Necrosis	,	-	Nineteenth	80
" Liver " Lungs	1 2	4				Twentieth	16 12
типВа	_	2	Neuralgia of Heart			Twenty-second	8
Cholera Infantum		2	Old Age			Twenty-third	8
Cirrhosis of Liver			Obstruction of Bowels			Twenty-fourth Twenty-fifth	14 10
Collapse of Lungs		1	Paralysis		2	Twenty-sixth	10
Consumption of Bowels	1		Pyæmia	1		Twenty-seventh.	24
Lungs	56	8	Scrofula		1	*Twenty-eighth	12
Convulsions	1	18	Small-pox		1	Twenty-ninth Thirtieth	23 12
Croup		13	Sore Mouth		1	Thirty-first	8
Cyanosis		2	Softening of Brain	ı		*Municipal Hospital	0.
Debility	8	8	Suicide, Hanging			- Municipal Mospital	,
Diarrhœa	1	1	Syphilis		1		
Diphtheria		15	Tabes Mesenterica		1	Nativity, etc.	
Dropsy	5	1	Tetanus	1		Manuelly, etc.	
" Abdominal	1		Thrombosis	1			
" of Brain		8	Trismus Nascentium		1	United States	275
" Heart	2		TOTALS	202		Foreign	91
Disease of Chest		1 1	TUTALS	202	174	Unknown	10
" Heart		1			_	People of Color	20
" Hip		1					
" Liver							
Dysentery	1				1		
Dyspepsia	_	1	•		1	Males	196
Effusion of Brain		1	Of the above there were	1]	Females	180
Enlargement of Heart	2		Under 1 year		82	Boys	96
Erysipelas	_	1	From 1 to 2		24	Girls	78
Fatty Degen. of Heart	1		" 2 to 5		35		
Fever, Malarial	ī		" 5 to 10		1 1	Premature Birth	
" Puerperal	ī		" 10 to 15		5	- Tromataro Biran	·
" Remittent		1	" 15 to 20		8	Males	2
" Scarlet	1	l ii l	" 20 to 30		39	Females	8
" Typhoid	9	5	" 30 to 40		!	Total	
Hemorrhage of Bowels		1 - 1	" 40 to 50		37	Total	5
" Brain		1	" 40 to 50		1 1	Still-Born.	
	1		JO W W			Sun-Duffi.	
" Lung			00 10 70			Males	18
Hernia, Strangulated	1		10 10 00		:	Females	9
Hooping-cough		2	00 10 00		14		
Infla'mat'n, Brain	2	10	" 90 to 100		1 8	Total	22

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, MARCH 22, 1884.

BAIN.	I	8.	8.	8.	1.30	8	8	8	8.
HEB.	A. M. 8.07 P. M. 11.07 P. M.	Clear.	Cloudy.	Fair.	Cloudy.	Cloudy.	Clear.	Clear.	
STATE OF WEATHER.	3.07 P. M.	Clear.	Cloudy.	Cloudy.	Lt. Rain. Lt. Bain.	Cloudy.	Cloudy.	Clear.	
STAT	7.07 A. M.	Fair.	Fair.	Cloudy.	Lt. Rain.	Lt. Rain.	Cloudy.	Cloudy.	
E A	11.07 F. M.	•	9	4	∞	9	•	••	
VELOCITY OF WIND.	3.07 P. M.	7.	15	10	=	14	•	•	
A O	70.7 .M .A	=	64	=	∞	7	•	69	
a o	11.07 P. M.	N.W.	``	න් ග්	z	N.W.	Calm.	S.W.	
DIRECTION WIND.	8.07 P. M.	N.W.	B.W.	터	r Z	N.W.	Calm.	S.W.	
DIR	70.7 .MA	₩.	8.W.	N.E.	N.E.	Z E	r F	N.W.	
E Z	11.07 P. M.	8	69	11	81	88	89	28	
RELATIVE HUMIDITY.	8.07 P. M.	3	8	29	8	4	11	2	
AB	7.07 .MA	72	8	23	100	901	8	88	
	Mîn'm.	8	8	88	68	41	8	3	
e	Max'm.		22	56	8	4	4	88	
THERMOMETER.	Mean Daily Value.	40.0	49.6	43.9	44.0	44.8	45.3	50.5	45.4
HER	11.07 P. M.		28	4	4	£	47	8	
H	8.07 P. M.	42	28	22	47	49	\$	88	
	70.7 .M .A	8	34		\$	4	7	3	
	Mean Daily Value.	30.35	30.26	30.35	29.58	29.87	30.27	30.30	80.20
BAROMETER.	11.07 P. M.	80.46	30.16	30.38	29.76	80.09	30.30	30.27	
Baroi	8.07 P. M.	30.38	30.18	30.34	29.91	29.82	30.27	30.29	
	7.07 A. M.	30.21	30.43	30.32	30.26	29.70	30.24	30,35	
Month and Day.	1884. MARCH.	Sunday, 16,	Monday, 17,	Tuesday, 18,	Wed'sday, 19,	Thursday, 20,	Friday, 21,	Saturday, 22,	Мевпв

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

102 WEEK Ending Saturday, March 29, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	MINORS.	DEATHS IN EACH WARD.	н
Anemia	1		Infla'mat'n, Kidneys	2	First	21
Apoplexy	14		" Larynx		Second	19
Asphyxia		1		. 1 1	Third	7
Bright's Disease	4		221702	1000001	Fourth	77
Burns and Scalds	2	1	· Lungs 2	.	Fifth	5
	_	- 1	" Fericardium .		Seventh	16
Cancer of Bowels	1	·····	renwheum.	3	Eighth	8
Dicast	2		15. 05. DOWELS	8, 8	Ninth	8
1.45r y 11 X	1		TOHBIB	·	Eleventh	8
Leg	1			اا	Twelfth	8
" Rectum	1		THERE !	1 8	Thirteenth	7 13
" Uterus	1		Intussusception	1	Fourteenth Fifteenth	21
Casualties	6	1	Jaundice	اا	Sixteenth	15
Cerebro-spinal Meningitis		2	Malformation of Heart	1	Seventeenth	11
Congestion of Brain	2	6	Marasmus	11	Eighteenth	14 30
" Lungs	1	4	Measles		Nineteenth Twentieth	22
Cholera Infantum		1	Old Age 2		Twenty-first	5
" Morbus	1		Paralysis		Twenty-second	11
Cirrhosis of Liver	2		Pvæmia	1	Twenty-third Twenty-fourth	8 24
Consumption of Lungs	_	5		ï	Twenty-fifth	16
Convulsions		16		.	Twenty-sixth	10
		2	Dopusous and a second	1	Twenty-seventh.	23
Cramps		1 - 1	DOISOLDING OF DIVINION	.	*Twenty-eighth Twenty-ninth	16 19
Croup		11	Durorao, zauanamaninini	اا	Thirtieth	12
Cyanosis		8	OJ P21.120	·	Thirty-first	19
Debility		4	Thrombosis of Heart		*Municipal Hospital,	
Degeneration of Liver	1		Tumor of Brain	1		
Diabetes	1		0 000 000000000000000000000000000000000	اا	į	
Diarrhœa	5		Ulceration of Stomach	اا	Nation at	
Diphtheria	1	12	TOTALS	156	. Nativity, etc.	
Dropsy	2		TOTALS	100	United States	289
" of Brain		2	-		Foreign	114
" Heart	1			1 1	Unknown	9
" Lungs	1	 .		1 1	People of Color	25
Disease of Brain	1			1 1	reopie of Color	20
" Heart	18	1		1 1		
" Hip	2	1		1 1		
" Lungs	2			1 1		
Drowned	2				Males	219
Enlargement of Liver	1		Of the above there were:		Females	198
Erysipelas	1		Under 1 year	65	1 1	
Fatty Degen. of Heart	3	1 1	•		Boys	84
	1				Girls	72
Fever, Malarial	_	1	·· 2 to 3		Premature Birth.	
" Puerperal	1		0 00 IV		r remature birth.	•
" Scarlet	1	13	10 00 10	1 1	Males	_
т у риози	9	6	10 00 20		Females	ō
Hemorrhage, Bowels	2	1	" 20 to 30			
типке			" 30 to 40	41	Total	8
" Umbilical		1	" 40 to 50	1 1		_
Hernia			" 50 to 60	34	Still-Born.	
Hooping Cough		1	" 60 to 70	35	Malas 1	
	1	l	" 70 to 80	33	Males	11
Hypertrophy of Heart						
Infla'mat'n, Brain	4	12	# 80 to 90	21	Females	10
			# 80 to 90 # 90 to 100		Total	10 21

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Meteorological Observations taken at the Signal Office, Philadrlphia, DURING THE

Month and Day.

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•		HER.	11.07 P. M.	Lt. Rain.	Clear.	Cloudy.	Cloudy.	Cloudy.	Cloudy.	Clear.	_
		STATE OF WRATHER.	7.07 A. M. 3.07 P. M.	Lt. Bain.	Cloudy.	Cloudy.	Cloudy.	Fair.	Cloudy.	Clear.	
		BTAT	7.07 A. M.	Cloudy.	Cloudy.	Clear.	Lt. Rain.	Cloudy.	Clear.	Fair.	
		ř.	11.07 P. M.	7	21	9	φ	10	10	88	=
		VELOCITY OF WIND.	8.07 P. M.	ဖ	•	4	**	16	2	12	_
700	30#.	OF	7.07 A. M. 8.07 F. M.	8	4	8	-	10	9	10	
-	э, т	i Oir	11.07 P. M.	ත්	zi	텨	N.W.	N.W.	S.W.	N.W.	_
Ç	CH Z	DIRECTION OF WIND.	3.07 M q	खं 80	Calm.	øź	₩.	N.W.	S.W.	N.W.	
7	WEEK ENDING SATURDAY, MARCH 23, 100%.	DIB	70.7 .М .А	80 E	zi	N.W.	8 0	Ä.W.	N.W.	Z.E.	
,	χ,	VE TY.	11.07 P. M.	26	88	8	8	88	91	72	
6	K DA	RELATIVE HUMIDITY.	8.07 P. M.	88	81	7.	8	74	61	99	_
	LOI	RE	70.7 .M .A	8	88	89	201	8	88	8	
0	2		.m'nìM	£	84	3	47	84	3	88	
	5 VI	83	.m'xsM	28	æ	9	8	59	62	19	
	מאם	Тневмометев.	Mean Daily Value.	51.2	55.3	50.5	56.7	53.0	53.4	48.0	
į	¥ P	IERN	11.07 P. M.	292	4	86	25	19	83	88	
14	VV IS.	Œ	70.7 A. M., 8.07 F. M., H	23	62	22	19	88	5	69	_
_				#	55	46	53	26	8	47	
			Mean Daily Value.	30.05	29.82	30.01	29.59	29.78	29.70	29.67	
		Barometer.	11.07 P. M.	29.95	29.93	29.94	29.58	29.84	29.59	29.84	
		BARON	8.07 P. M.	30.06	29.74	30.01	29.51	29.71	29.66	29.59	
			7.07 A. M.	30.23	29.81	30.07	29.68	29.65	29.85	29.59	

Monday, 24,

Tuesday, 25, Wed'sday, 26, Thursday, 27,

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Friday,

Saturday, 29,

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Sunday,

MARCH. 1884

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

62.5

29.79

Means

104 Week Ending Saturday, April 5, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH WARD.	H .
Alcoholism	8		Infla'mat'n, Kidneys	8	2	First	29
Asphyxia		1	" Larynx	l	1	Second	8
Bright's Disease	3	ll	" Lungs		13	Third Fourth	29 8 6 8 7 4 11
Cancer of Breast	3	l	" Pericardium		1	Fifth	7
" Face	ı		" Peritoneum		līl	Sixth	4
« Stomach	2		" S. & Bowels.	1	12	Seventh	11
" Throat	1		" Spine	1	1	Eighth Ninth	6 5
Casualties	6	4	" Tonsils		1	Tenth	10
Cellulitis		- 1	Insanity		- 1	Eleventh	7 2
		1		-		Twelfth	2 16
Cerebro-spinal Meningitis	1	1	Inanition		15	Thirteenth	11
Congestion of Brain	4	4	Intussusception			Fifteenth	23
" Kidneys		1	Jaundice		1	Sixteenth	. 3
Liver	1	•••••	Marasmus		23	Seventeenth	18 21
" Lungs		3	Measles		2	Eighteenth Nineteenth	21 24
Cholera Infantum		3	Neuralgia of Heart			Twentieth	14
Cirrhosis of Liver	1		Old Age	14		Twenty-first	8
Consumption of Lungs	64	7	Obstruction of Bowels	1		Twenty-second	14
Convulsions		20	Ossification of Heart	1		Twenty-third Twenty-fourth	10 22
Croup		5	Paralysis			Twenty-fifth	17
Cyanosis		3	Pyæmia			Twenty-sixth Twenty-seventh.	15
Debility	1	4	Rheumatism			Twenty-seventh.	21
Diphtheria		9	" of Heart			*Twenty-eighth Twenty-ninth	9 19
Dropsy		9		1 -		Thirtieth	18
	2		Scrofula			Thirty-first	26
Abdominai			Septicæmia			*Municipal Hospital,	0.
or prain		3	Small-pox		2		
пеаг			Softening of Brain				
" Lungs		1	Suicide, Prussic Acid			Nativity, etc.	
Disease of Heart	12	2	Syphilis		2	Manuelly, e.c.	
" Liver	1	l	Teething		1		
Drowned	1	l	Tumor, Abdominal	1		United States	306
Dysentery		1	" Ovarian	2	 	Foreign	87
Dyspepsia		1	Ulceration of Bowels	1		Unknown	9
Effusion of Lungs	•••••	ī	Uræmia	2		People of Color	25
Emphysema	1	1			_	i	
Enlargement of Heart	6	*	TOTALS	211	191		
Epilepsy			!	=	=		
	1		1		-		
Erysipelas		2	Of the above there were			Males	196
Exposure	1					Females	206
Fatty Degen. of Heart	3		Under 1 year		i 1	Boys	96
" Liver	1		From 1 to 2		22	Girls	95
Fever, Remittent	1		" 2 to 5				
" Scarlet	ļ. .	7	" 5 to 10		20	Premature Birth	
" Typhoid	8	6	" 10 to 15		7		
Heart-clot	2		" 15 to 20		10	Males	5
Hemorrhage, Bowels	1		" 20 to 80		43	Females	5
	2		" 80 to 40		37	Total	10
" Brain		1	" 40 to 50				
DIMIII						Still-Born.	
4 Nose		1 - 1	" 50 to 60			aun-pom.	
" Nose Uterus	1		00 00 00			Suil-Bom.	
" Nose Uterus Hooping-cough	1	1	" 60 to 70		28	Males	
Nose " Vterus Hooping-cough Hypertrophy of Heart	1 2	1	" 60 to 70 " 70 to 80		28 27		6 8
" Nose Uterus Hooping-cough	1	1	" 60 to 70	 	28 27 10	Males	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WEEK ENDING SATURDAY, APRIL 5, 1884.

BAIN.	ij	8.	8.	.01	.78	8.	8.	8.	77.
HEB.	11.07 P. M.	Clear.	Clear.	Cloudy.	Lt. Rain.	Clear.	Clear.	Clear.	
STATE OF WEATHER.	7.07 A. M. 3.07 P. M. 11.07 P. M.	Clear.	Clear.	Cloudy.	Hy. Rain Lt. Rain.	Cloudy.	Clear.	Cloudy.	
STAT	7.07 A. M.	Clear.	Clear.	Lt. Snow.	Cloudy.	Cloudy.	Clear.	Clear.	
ž.	11.07 P. M.	61	4	ន	∞	16	21	15	
VELOCITY OF WIND.	_ 8.07 P. M.	8	ଛ	4	o o	24	23	72	
Y E	70.7 .M .A	83	18	9	••	19	8	13	
4 OF	11.07 M. A	N.W.	w.w	80 Ei	N.W	N.W.	N.W.	N.W.	
DIRECTION OF WIND.	3.07 P. M.	N.W.	N.W.	₩.	N.W.	N.W.	N.W.	N.W.	
DIR	70.7 .MA	N.W.	N.W.	Z E	Z. E.	N.W.	N.W.	N.W.	
TX.	11.07 P. M.	89	28	79	8	62	8	11	
RELATIVE HUMIDITY.	3.07 P. M.	33	36	83	8	92	51	8	
HH	70.7 .M .A		89		100	22	£	28	
	Min'm.	27	28	75	88	88	88	37	
g	Max'm.	- 42	49	47	. 3	48	26	&	
Thermometer.	Mean Daily Value.	33.7	40.2	42.2	39.8	40.8	40.2	43.0	40.0
HERM	11.07 P. M.	誤	42	43	88	33	46	37	
F	8.07 P. M.	41	8	4	\$	4	26	74	
	70.7 .M .A	8	8	8	4	8	42	2	<u> </u>
	Mean Daily Value.	30.00	30.00	29.84	23.30	29.49	29.57	29.66	29.70
BAROMETER.	11.07 P.M.	30,04	29.96	29.70	29.26	29.61	29.62	29.74	
Вакоз	3.07 P. M.	29.95	21.97	29.84	29.22	20.48	29.52	29.61	
	7.07 A. M.	30.00	30.08	29.99	29.42	29.39	29.59	29.63	
Month and Day.	1884. MARCH.	Sunday, 30,	Monday, 31,	APRIL. Tuesday, 1,	Wed'sday, 2,	Thursday, 8,	Friday, 4,	Saturday, 5,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

106 Week Ending Saturday, April 12, 1884.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULT	MINORS	DRATHS IN RAC WARD.	æ
Abscess of Brain		1	Infla'mat'n, Bronchi	8	8	First	21
" Hip	1		" Kidneys		1	Second	17
" Pharynx	1		" Larynx		2	Third	11
Alcoholism	3		" Lungs		15	Fourth	16
Apoplexy	5		" Pericardium	1	1 1	Sixth	
Asthma	1		" Peritoneum	_		Seventh	16
Bright's Disease	10		" S. & Bowels.		14	Eighth	7
Burns and Scalds	10	1	Inanition	-	10	Tenth	ġ
Cancer of Breast	1		Jaundice		10	Eleventh	
4 Stomach	4		Leucocythemis			Twelfth	11
" Uterus	8		Malformation		1	Fourteenth	8
" Umbilical	1	•••••	Marasmus	1	18	Fifteenth	15
	_	1	Measles	1	2	Sixteenth Seventeenth	5 12
Caries of Spine Casualties	4	3	Murder	1	-	Eighteenth	14
Cerebro-spinal Meningitis	1	2	Neuralgia of Heart	1		Nineteenth	14 31
Congestion of Brain		6	Old Age	1		Twentieth Twenty-first	26 5
•		3	Obstruction of Bowels		1	Twenty-second	12
" Lungs	_	1			2	Twenty-third	6
" Stomach		1	Paralysis		- 1	Twenty-fourth	15 12
Cholera Infantum	4	-	Poisoning, Arsenic			Twenty-sixth	17
Cirrhosis of Liver	_		" Carbolic Acid	,		Twenty-sixth Twenty-seventh.	22
Compression of Brain		1	Спогал		·····	*Twenty-eighth Twenty-ninth	14 21
Consumption of Lungs		6				Thirtieth	18
Convulsions	1	22	Pyæmia		1	Thirty-first	14
" ruerperat	1		Rheumatism			*Municipal Hospital,	. 0.
Croup		8	Septicæmia				
Cyanosis		5	Sore Mouth		1		
Debility	2	5	Softening of Brain		······	Nativity, etc.	
Diarrhœa	2	3	" Stomach	1	1		
Diphtheria	1	9	Suicide, Hanging			United States	312
Dropsy	2	1	" Shooting			Foreign	86
OI DIRILI		4	Syphilis	1	1	Unknown	6
Disease of Brain		1	Tabes Mesenterica		1	People of Color	23
Heart			Teething		2	-	
Drowned	2		Tetanus		2		
Dysentery	1		Tumor of Uterus	. 1			
Effusion of Brain	2		TOTALS	216	188		
Emphysema	1			=	_	Males	206
Enlargement of Heart	8					Females	198
Erysipelas		1				Boys	104
Fatty Degen. of Heart	2					Girls	84
Fever, Congestive			Of the above there were	91			
" Puerperal		1	Under 1 year	• • • • • • •	100	Premature Birth.	•
" Scarlet	1	4	From 1 to 2		24	Males	2
" Typhoid	9		" 2 to 5			Females	1
Fracture of Spine			" 10 to 15	• • • • • • • • • • • • • • • • • • •	4		
Gangrene of Head		1	" 15 to 20		13	Total	8
Heart Clot	1		20 10 30		37 42		
	1		" 30 to 40 " 40 to 50		39	Still-Born.	
Hemorrhage, Bowels		1	" 50 to 60		20		
Hemorrhage, Bowels " Lung	1					Malon	
• ,			" 60 to 70		34	Males	9
" Lung	1	1 1	" 60 to 70	•••••		Males	18

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, APRIL 12, 1884. DURING THE

ВАІЙ	P. M. In.	.· 	8 .	ly. 02	ain21	01.	8; 	.w	8
ATHER.	L. 11.07 P. M.	Clear.	Clear.	Cloudy.	Lt. Rain	Fair.	Clear.	Cloudy.	
STATE OF WEATHER.	3.07 P. M.	Fair.	Fair.	Cloudy.	Cloudy.	Cloudy.	Cloudy.	Cloudy.	
STAT	7.07 A. M.	Cloudy.	Clear.	Clear.	Lt. Rain.	Clear.	Clear.	Clear.	
ře	11.07. M. A	15	23	Ħ	16	13	9	4	
VELOCITY OF WIND.	3.07 P. M.	ដ	91	10	∞	24	18	53	
N N	70.7 .MA	22	21	**	13	83	9	•	
N OF	70.11 M . A	z	N.W.	Z. E.	N.W.	N.W.	N.W.	N.W.	
DIRECTION O WIND.	8.07 P. M.	N.W.	N.W.	z E	Z E	N.W.	N.W.	N.W.	.
<u>ā</u>	70.7 .M. A.	≱.	N.W.	떠	Z. E.	*	X.W.	¥.	
ITY.	11.07 P. M.	2	92	91	2	92	78	8	
RELATIVE HUMIDITY.	3.07 R. M.	73	2	8	8	72	8	62	
##	70.7 .M .A	2	79	73	8	8	65	78	
	.m'niM	8	æ	37	2	\$	8	37	
ej.	Max'm.	24	22	49	3	53	8	57	
Тневмометев.	Mean Daily Value.	37.3	42.9	43.0	38.5	46.3	45.0	48.2	43.0
HER	11.07 .M .T	18	42	8	37	45	43	4	
F	3.07 P. M.	4	25	₹	4	22	21	26	
	70.7 .M .A		8	7	88	4	4	4	
	Mean Daily Value.	29.76	29.83	29.89	29.53	29.72	30.01	30.14	29.84
Barometer.	11.07 P. M.	29.79	29.90	29.88	29.57	29.83	30.15	30.07	
Ваво	3.07 P. M.	29.72	29.79	29.86	29.37	29.68	29.98	30.11	
	7.07 A. M.	29.77	29.81	29.94	29.71	29.64	29.89	30.23	
Day.	ا بی	6,	7,	8	6	, 10,	11,	12,	
Month and	1884. APRIL	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temporature, elevation above see, and instrumental error.

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WEEK ENDING SATURDAY, APRIL 19, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH. F S DEATHS IN F WAED.	BACH
Abscess of Throat	1		Hemorrhage, Umbilical 1 First	17
" Psoas	î		Hypertrophy of Heart 1 Second	19
Alcoholism,	î		Third	10
Anemia	_	1	" Bronchi 2 16 Fourth	
Aneurism of Aorta			" Kidneys 4 2 Sixth	6
Apoplexy	17		Seventu	
Asphyxia		1	" Lungs 19 9 Ninth	6
Bright's Disease	3	1 1	" Pericardium 1 Tenth	9
Burns and Scalds	1	1	Eleventh	9
Cancer of Face	1	- 1		6
" Liver	2	•••••	" Pleurs 1 Thirteenth	8
	_	•••••	5. at Howels Fifteenth	25
MCCE	1	•••••		7
r ylorus			Tot-bacomah	
	1	•••••	Nineteenth	26
Stomach	2	•••••	Marasmus 15 Twentieth	26
· · · · · · · · · · · · · · · · · · ·	4		Measles	i 9
Casualties	2	1	Neuralgia of Brain 1 Twenty-third	7
Congestion of Brain		8	" Heart 1 Twenty-fourth	1 22
" Heart	•••••	1	Old Age	21
" Lungs	1		Twenty-seven	th. 18
Cholera Infantum		1	Pyæmia 1 *Twenty-eightl	ı 17
Cirrhosis of Liver	3		Rheumatism of Heart 1 Twenty-ninth	21
Consumption of Bowels	1		Septicæmia	17
" Lungs	56	12	Small-pox	
Convulsions		28	Sore Mouth 2	ital, U.
" Puerperal	1		Strangulation 1	
Croup		8	Suicide Carbolic Acid : 1	
Cyanosis		1	" Cutting Throat 1 Nativity, et	C.
Debility	6	6	" Drowning 1	
Diarrhœa	1		" Shooting 2 United States.	
Diphtheria		10	Syphilis 2 Foreign	
Dropsy	2		Tumor of Brain 1 1 Unknown	
" of Brain	1	2	Ulceration of Bowels 1 People of Color	r 22
" Chest	2		Uræmia 2 1	
" Lungs,	1		 	
Disease of Heart	7	3	TOTALS225 201	
Drowned	-	1	Males	224
Effusion of Brain		2	Of the above there were: Females	
Empyema	1		1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Enlargement of Prostate	1			
	1			92
Erysipelas			" 2 to 5 30	i-th
Exposure		1	200	irui.
Fever, Brain	1	1	Malat	8
r uerperat	1		Females	2
Kemittent	8	1	" 20 to 30 36	
Scariet	1	18	" 30 to 40 41 Total	5
1 y photu	7	5	" 40 to 50 42	
Gangrene of Lung	1		" 50 to 60 28 Still-Born	•
Heart-clot	1		" 60 to 70	9
Hemorrhage, Brain	2		" 10 to 80 02 Fameles	
" Lung	2		" 80 to 90 15	
" S. & Bowels.	1		" 90 to 100 1 Total	15

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WEEK ENDING SATURDAY, APRIL 19, 1884.

RAIN.	. In	8	8	£.	8,	8.	8.	8.	8 ;
HER.	11.07 P. M	Clear.	Fair.	Lt. Rain.	Cloudy.	Cloudy.	Clear.	Cloudy.	
STATE OF WEATHER	M. 3.07 P. M. 11.07 P. M.	Fair.	Clear.	Lt. Rain.	Fair.	Cloudy.	Fair.	Cloudy.	
BTAT	7.07 A. M.	Cloudy.	Foggy.	Lt. Rain.	Foggy.	Fair.	Clear.	Clear.	
D.	11.07 .MT	4	•	9	0	18	9	ю	
VELOCITY OF WIND.	8.07 P. M.	61	18	80	ឌ	କ୍ଷ	8	9	
V B	7.07 A. M.	•	4	91	4	55	41	=	
t 0F	11.07 P. M.	<u>ಜ</u> ಪ	S.W.	S.W.	N.W.	N.W.	N.W.	N. E	
DIRECTION WIND.	8.07 P. M.	ផ	S.W.	9 19	S.W.	N.W.	N.W.	z E	
DIR	70.7 .MA	덟	N.W.	N.E.	zć	N.W.	N.W.	N.W.	
TY.	11.07 P. M.	8	8	96	8	8	88	\$	
RELATIVE HUMIDITY.	8.07 P. M.	74	2	92	8	72	8	75	
H.	70.7 .M .A	8	8	8	8	8	92	8	
	Min'm.	9	8	4	22	\$	4	4	
žį	Max'm.	- 22	19	28	23	57	22	62	
Thermometer.	Mean Daily Sulay	48.0	48.7	52.3	60.3	49.5	48.8	52.7	51.5
HER	11.07 P. M.	-3		32	28	45	47	51	
ä	3.07 P. M.	78	88	26	2	21	22	\$	
	70.7 .M.A	4	42		22	22	2	8	
	Mean Daily Value.	30.09	30.12	29.76	02°CZ	29.94	30.01	29.98	28.94
BAROMETER.	11.07 P.M.	30.13	30.09	29.66	29.82	80.01	30.03	29.99	
BARON	8.07 P. M.	30.05	30.09	29.68	29.61	29.93	29.98	29.93	
	7.07 A. M.	30.08	30.19	20.93	29.67	29.90	30.03	30.01	
Day.	,	13,	7.	15,	16,	17,	18,		
Month and Day	1884. APRII.	Sunday,	Monday,	Tuesday,	Wed'sday, 16,	Thursday, 17,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

110 WEEK ENDING SATURDAY, APRIL 26, 1884.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES	OF DEATH.	ADULTS	MINORS	DEATHS IN EAC.	Н
Anæmia	1		Infla'mat'r	, Pleura	2		First	20
Aneurism of Aorts	1		"	8. & Bowels		4	Second	2
Apoplexy	5		Insuition.		1	6	ThirdFourth	18
Asphyxia		1	1	•••••		1	Fifth	8
Asthma	1					12	Six1h	5
Bright's Disease	6	1		•••••		1	Seventh	18 10
Burns and Scalds	i						Ninth	10
Cancer of Breast		1					Tenth	5
" Leg	1			•••••		1	Eleventh	8
" Liver			1 -	m	3	1	Twelfth Thirteenth	10
" Stomach	1		1	·	_	•	Fourteenth	6
" Uterus	1						Fifteenth	16
	5			·····			Sixteenth Seventeenth	10
Casualties Congestion of Brain	2			of Brain		1	Eighteenth	5 10
•	_						Nineteenth	21
Dungs	1	2		Heart		•••••	Twentieth	19 11
Chlorosis	-		1	ooting	1		Twenty-first Twenty-second	18
Cholera Infantum		8				2	Twenty-third	7
Cirrhosis of Liver	1			nterica		1	Twenty-fourth	18
Consumption of Bowels	1			ascentium		1	Twenty-fifth	16 9
Tungs		11	Ursemia		1	1	Twenty-seventh.	20
Convulsions			Tor	TALS	203	150	*Twenty-eighth	9
Croup		7				=	Twenty-ninth Thirtieth	15 12
Cyanosis		2	1				Thirty-first	12
Debility		3					*Municipal Hospital.	
Degeneration of Kidneys.							- municipal mospissi,	, 0.
Diarrhœa			1			ŀ		
Diphtheria	•••••	8					N	
Dropsy	1						Nativity, etc.	
" Abdominal		1	ŀ			1 1	United States	260
" of Brain		2	ļ				Foreign	82
" Heart	1		}				Unknown	11
Disease of Heart	14	2	1			1 1	People of Color	24
Drowned	1	1					reopie of Color	24
Enlargement of Heart	1							
Erysipelas	1	2				1		
Fatty Degen, of Heart	2		1					
Fever, Malarial	_	2					Males	187
" Puerperal	1		Of the a	bove there were			Females	166
" Scarlet		16	1	Br		64	Boys	86
" Typhoid	9	5	From 1 to			22	Girls	64
" Typhus	1		" 2 to			31	GII IB	
Heart Clot	3			10		13	Premature Birth.	
Hemorrhage, Lungs	2	1		15		6	I Temature Dittil	<u>, </u>
" Umbilical	_	1	1000				Males	4
O III D II I C III	1	-	10 10	20		14	Females	7
Warnie		•••••	20 W	30		33	·	
Hernia	F		30 W	40		33	Total	11
Hooping Cough		1	1 44 40 .					
Hooping Cough Hypertrophy of Heart	1			50		32	CAN D	
Hooping Cough Hypertrophy of Heart Infla'mat'n, Brain	1 1	15	" 50 to	60	•	29	Still-Born.	
Hooping CoughHypertrophy of Heart Infla'mat'n, Brain 'Bronchi	1 1 2	15 4	" 50 to	60 70	•••••	29 24		10
Hooping Cough	1 1 2	15 4 1	" 50 to " 60 to " 70 to	60 70 80	•••••	29 24 39	Males	10
Hooping CoughHypertrophy of Heart Infla'mat'n, Brain 'Bronchi	1 1 2 	15 4	" 50 to " 60 to " 70 to " 80 to	60 70	•••••	29 24		10 5

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WERK ENDING SATURDAY, APRIL 26, 1884.

ВАІЙ	11.07 P. M. In.	8. 	8. 8.	F.	ıdy. 00	.; 96.	F07	 .00		13
STATE OF WEATHER.		y. Fair.	Hary.	y. Clear.	Cloudy.	y. Clear.	in. Clear.	y. Clear.	<u> </u> 	
TE OF W	. 8.07 P. M.	Cloudy.	Fair.	Cloudy.	Fair.	Cloudy.	Lt. Rain.	Cloudy.		
STA	7.07 A. M.	Cloudy.	Cloudy.	Cloudy.	Clear.	Clear.	Cloudy.	Cloudy.		
Ęë	11.07 P. M.	-	19	٠	10	10	-	က		
VELOCITY OF WIND.	8.07 P. M.	10	ដ	2	4	2	4	15	<u> </u>	
₽ 8	70.7 .M .A	4	16	91	51	•	7	∞		_
N OF	11.07 P. M.	N.W.	N.W.	8.W.	8.W.	Ä.	S.W.	N.W.		
DIRECTION WIND.	8.07 P. M.	z	N.W.	zi	ᆆ	8. E.	z	Ä.		
ā	70.7 .M .A	z E	zi	zi	Z E	Calm	zi	X.W.		
IVE	11.07 Mq	28	28	32	8	8	8	91		
RELATIVE HUMIDITY.	8.07 P. M.	- 78	6	&	8	72	8	75		
##	70.7 .MA	8	8	8	8	8	8	8		
	.m'aiM	84	4	8	4	46	8	28		
g	Max'm.	5	28	25	62	- 61	22	8		
Тневмометев.	Mean Daily Value,	55.3	50.3	45.3	50.7	52.7	51.2	56.2		51.7
HER	11.07 .M .T	4	3	5		48	51	72		
H	3.07 P. M.	19	- 26	72	9	93	8	- 62		_
	70.7 .M .A	- 21	28	8		8	49	22		-
	Mean Daily Value,	29.98	30.10	30.13	30.01	29.90	29.73	29.83		29.95
BAROMETER.	11.07 P. M.	30.00	30.17	30.00	29.98	29.87	29.68	29.98		
BAROI	3.07 P. M.	29.94	30.05	30.08	29.96	29.89	29.70	29.79	_	
	7.07 A. M.	.30.01	30.07	30.22	30.07	29.94	29.79	29.72		
Day.	.:	ģ	21,	ž	g,	<u>z</u> ,	ž,	92		
Month and Day.	1884. APRIL.	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,		Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea, Barometer corrected for temperature, elevation above sea, and instrumental error,

112
WEEK ENDING SATURDAY, MAY 3, 1884.

CAUSES	OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS,	MINORS.	DEATHS IN EAC	н
▲bscess of	Arm		1	Hemorrhage, Umbilical		1	First	20
"	Brain	1	1	Hooping-cough		1	Second	11
**	Liver	1		Infla'mat'n, Brain	1	8	Fourth	7778
44	Throat	J	1	" Bronchi		3	Fifth	1 7
u	Psoas	1	i	" Kidneys		1	Sixth	3
Alooholian	a			" Larynx	1	1	Seventh	17
	of Aorta	1		" Lungs		5	Eighth	8
				" Peritoneum			Tenth	6
	•••••	1 -		7,717,717,717	-		Eleventh	4
			2	S. & Dowels.	1.00	4	Twelfth	3
•	isease		1	Spine		1	Thirteenth	6
Cancer of	Breast	1		4 Tonsils		1	Fifteenth	22
"	Hip	1		Inanition	1	6	Sixteenth	14
44	Larynx	1		Intussusception	1	*****	Seventeenth	11
	Stomach		l	Jaundice		3	Eighteenth	13
	Uterus	1		Marasmus	4	9	Nineteenth Twentieth	11
		7	1	Measles	1000	1	Twenty-first	4
			1 - 1	Neuralgia of Heart			Twenty-second	13
	inal Meningitis			Control of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the s	Lond.		Twenty-third Twenty-fourth	11
Congestion	of Brain		5	Old Age			Twenty-fourth	24 12
"	Lungs		3	Obstruction of Bowels		1	Twenty-fifth Twenty-sixth	10
Cholera In	fantum		2	Paralysis	11	2	Twenty-seventh.	27
Consumpti	on of Lungs	42	10	Pyæmia		1	*Twenty-eighth	12
-	18		14	Serofula		1	Twenty-ninth	23
"	Puerperal			Small-pox			Thirtieth	11 21
0	-	ı	6	Sore Mouth		1	Thirty-first	21
							*Municipal Hospital,	, 0.
•			4	Softening of Brain			The second second	
		4	3	Strangulation		1		
Diabetes			1	Suffocation		1	Nativity, etc.	
Diarrhœa.		2	2	Suicide, Burns	1		matring) otor	_
Diphtheria	L		8	" Hanging	2		** ** * ***	000
Dropsv		5	1	" Prussic Acid	1		United States	262
	Brain		1	Syphilis	1	2	Foreign	89
"	Heart		-	Tetanus		1	Unknown	13
D!	Heart	1	2	Tumor of Brain			People of Color	32
insease or			ا ۲	2 111101 01 12111111111111111	-	-		
"	Hip		[TOTALS	218	146		
	Kidneys				=	-		
		2						
Effusion of	Brain		1				Males	189
44	Heart	1		Of the above there were	1		Females	175
Enlargeme	nt of Heart	2	ll	Under 1 year		65	Boys	78
- 0	aa	1 -		From 1 to 2		16	Girls	68
				" 2 to 5		33		
			1	" 5 to 10		15	Premature Birth.	
		ł) - (- 9 W 10		1 - 1	1 Tomacuro Dirent	
	en, of Heart		1	10 00 13		9	Males	4
" "	Liver			" 15 to 20		8	Females	4
	arrhal		1	" 20 to 30		37		
" Int	ermittent	1		" 30 to 40		39	Total	8
" Ma	larial		1	" 40 to 50		40	<u>-</u>	
" Pu	erperal	1		" 50 to 60		31	Still-Born.	
	rlet		12	" 60 to 70		21		
	phoid		3	" 70 to 80		31	Males	5
		1	1 - 1	" 80 to 90			Females	4
- 3	Conilo							
Gangrene,	Senile	1 2		" 90 to 100		13 6	Total	9

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, MAY 3, 1884. DURING THE

RAIM.	ff.	8.	 8.	 8:	8.	8	8	8	8
THER.	11.07 P. A	Clear.	Hasy.	Clear.	Cloudy.	Clear.	Smoky.	Cloudy.	
STATE OF WEATHER.	3.07 P. M. 11.07 P. M.	Fair.	Clear.	Hazy.	Fair.	Hazy.	Cloudy.	Cloudy.	
STAT	7.07 A. M.	Clear.	Clear.	Cloudy.	Clear.	Fair.	Cloudy.	Clear.	
ŗ.	11.07 P. M.	•	4	•	91	န	16	•	
VELOCITY OF WIND.	8.07 P. M.	61	4:	18	7	=	18	ю	
A O	70.7 .M .A	10	es	∞	12	10	o	12	
N OF	11.07 .M .9	S.W.	S.W.	zi	S.W.	න්	N.W.	S.W.	
DIRECTION WIND.	8.07 F. M. 9	खं જ	8.W.	N.W.	N.W.	S.W.	S.W.	S.W.	
DIE	70.7 .MA	N.W.	년 Ø	S.W.	N.W.	ဘ်	8.W.	N.W.	
IVE	11.07 P. M.	83	96	88	24	8	\$	8	
RELATIVE HUMIDITY.	8.07 P. M.	8 8	12	\$	73	8	84	72	
H H	70.7 .M .A	8	8	8	8	88	8	8	
	Min'm.	3	4	4	ŝ	24	22	49	
냺	Max'm.	7	71	8	8	92	87	8	
Тиевмометев.	Mean Daily Value.	59.0	56.5	51.5	56.4	63.9	68.2	68.7	60.9
HER	11.07 P. M.	8	2		58	20	29	26	
F	3.07 P. M.	74	67	29	99	75	8	67	
	70.7 .M .A	72	47	ଞ୍ଚ	4	8	62	25	
	Mean Daily Value.	30.11	30.08	30.06	30.03	29.99	29.92	30.25	30.07
BAROMETER.	11.07 P.M.	30.15	30.05	30.14	30.07	29.93	30.08	30.24	
ВАКОЗ	3.07 P. M.	80.08	30.00	30.03	30.06	29.94	29.82	30.23	
	7.07 A. M.	30.09	30.14	30.01	30.14	30.09	29.85	30.28	
Day.	4	27,	8	8,	30,	. - -	બ	က်	
Month and Day	1884. APRIL	Sunday,	Monday,	Tuesday,	Wed'sday,	MAY. Thursday,	Friday,	Saturday,	Mesns

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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Week Ending Saturday, May 10, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN BACH WARD,
Anemia	1		Old Age	18		First 20
Apoplexy	2	1	Paralysis	9		Second 15
Bright's Disease	3		Pyæmia	1		Third 9 Fourth 8
Burns and Scalds	1	1	Rheumatism of Heart			Fifth 6
Cancer of Arm	1		Septicæmia	1		Six1h 2
" Breast	1		Small-pox			Seventh 10 Eighth 6
" Neck	1		Strangulation		1	Ninth 8
" Stomach	4		Suicide, Hanging			Tenth 9
" Uterus	2		" Shooting	1		Eleventh 4 Twelfth 5
Casualties	8	1	Thrombosis of Heart			Thirteenth 2
Cerebro-spinal Meningitis	1	ı	Tumor, Ovarian	1		Fourteenth 10
Congestion of Brain		5	Ulceration of Stomach		1	Fifteenth 21
" Lungs	1	2	Wounds, Gun-shot	1	•••••	Sixteenth 11 Seventeenth 6
Tungs	1	2	woulds, Gull-Blot	1		Eighteenth 21
Chorea			TOTALS	200	147	Nineteenth 28
Cirrhosis of Liver	4				:==!	Twentieth 14 Twenty-first 7
Consumption of Lungs	48	5				Twenty-second 12
Convulsions		10			1 1	Twenty-third 5
Croup		8				Twenty-fourth 18 Twenty-fifth 8
Cyanosis		2				Twenty-sixth 12
Debility	4	4				Twenty-seventh. 17
Diabetes	1				ł. I	*Twenty-eighth 8
Diarrhœa	2	1				Twenty-ninth 20 Thirtieth 9
Diphtheria		11			l i	Thirty-first 16
Dropsy	5	2				*Municipal Hospital, 0.
" of Brain	•••••	1			1 1	- Euclospe: Mospital, v.
" Chest	1				1 1	
Disease of Heart	14	2			1 1	Nadula, a.
Drowned	2	2			li	Nativity, etc.
Dysentery	1	2				United States 254
Embolism of Brain	1					Foreign 88
Enlargement of Heart	1	1			1 1	Unknown 10
Erysipelas	1	 	1		l	People of Color 18
Fatty Degen. of Heart	8				1 1	reopie or color
Fever, Malarial		2	•		H	1
" Scarlet		16	,		1 1	l i
" Typhoid	7	3			! !	
Hemorrhage, Brain	1				1 1	Males 185
" Lungs	1	1				Females 162
Hernia, Strangulated	1		Of the above there were	:		Boys 83
Hypertrophy of Heart	1	1	Under 1 year		61	Girls 64
Infla'mat'n, Brain	4	12	From 1 to 2			
" Bronchi	ı	5	" 2 to 5			Premature Birth.
" Kidneys		1 1	" 5 to 10		26	
" Larynx	ı	2	" 10 to 15		1 1	Males 4
" Liver		1 - 1	" 15 to 20			Females 3
" Lungs		10	" 15 to 20			
		1 - 1	20 10 30		1 1	Total 7
reritoneum.	1	1	~ 30 to 40			Still-Born,
" · S. & Bowels		5	40 00 00		1	Jun-DOM.
F	8		30 W 00			Males 9
Insanity	ءَ ا					
Inanition	2	9	" 00 to 70		1	
	ļ	9 17	" 60 to 70 " 70 to 80 " 80 to 90		28	

Meteorological Observations taken at the Signal Office, Philadelphia, WEEK ENDING SATURDAY, MAY 10, 1884. DURING THE

Month and Day	<u></u>		BAROMETER.	ETER.			TH	ERMO	THERMOMETER.		_	REL	RELATIVE HUMIDITY.		DIRECTION WIND.	N OF	A O	VELOCITY OF WIND.	7.6	STATI	STATE OF WEATHER.	HER.	RAIM.
1884. MAY.		7.07 A. M.	3.07 P. M.	11.07 P. M.	Mean Daily Value.	7.07 M.A	8.07 P. M.	11.07 P. M.	Mean Daily Value,	.m'xsM	.m'niM	.M.A	11.07 11.07 P. M.	70.7	8.07 P. M.	11.07 .M., A	70.7 .M .A	8.07 P. M.	11.07 P. M.	7.07 A. M.	8.07 P. M.	11.07 P. M.	Į,
Sunday,	9	30.25	80.18	30.12	80.19	128	69	98	67.1	62		88	98	8.W.	खं %	N. E.	a	•	4	Cloudy.	Cloudy.	Cloudy.	6.
Monday,		30.05	29.96	29.95	29.99	72,	69		63.4	72	 8		84 98	z	S.W.	S.W.	4	10	89	Foggy.	Cloudy.	Cloudy.	8
Tuesday,	6,	88.63	29.83	29.85	29.85	8	25		64.7		_ <u>=</u>		96 100	Z. Ei	N.E.	Z. E.	12	15	19	Cloudy.	Cloudy.	Lt. Rain.	85
Wed'sday,	7,	29.87	29.91	29.98	29.92	28	49	47	48.7		- 2	<u>2</u>	100	도 된	Ä.	Ä.	8	88	8	Lt. Rain.	Rain. Cloudy.	Cloudy.	10.
Thursday,		29.99	29.97	30.00	29.99	46	- 21		49.4		<u>4</u> 	-	96	Ä.	N. E	Calm.	7	7	•	Foggy.	Cloudy.	Cloudy.	10.
Friday,	9,	29.94	29.79	29.75	29.83	\$20	64	72	26.9			 &	90	S.W.	S.W.	છાં છાં	12	11	m	Cloudy.	Cloudy.	Lt. Rain.	4 .
Saturday, 1	10,	29.70	29.69	29.75	29.71	18	8	- 22	58.8		22	-22		≱	N.W.	₩.	19	8	#	Clear.	Fair.	Fair.	8.
Means					29.92		<u> </u>	<u> </u>	55.6		 						<u> </u>						1.03

The surface of the mercury in the cistern of Barometer is 92.149 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

116 WEEK ENDING SATURDAY, MAY 17, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH WARD.	.
Alcoholism	1		Infla'mat'n, Peritoneum.	2	1	First	22
Aneurism, Abdominal	i		" S. & Bowels		5	Second	11
" of Aorta	4		" Spine		1 - 1	Third	4
OI AUIUM	6		орине	1	••••	Fourth	9
Apoplexy			Inanition	_	10	Fifth	2
Asphyxia		1	Jaundice			Seventh	10
Asthma	2		Leucocythemia	1		Eighth	6
Bright's Disease	5	1	Marasmus		7	Ninth Tenth	8
Cancer of Liver	1	•••••	Neuralgia of Heart			Eleventh	5 6 2 6 7
" Penis	1		Old Age	ı		Twelfth	2
- Browning			Obstruction of Bowels	1		Thirteenth	5
" Uterus	1		Paralysis	12	2	Fifteenth	13
Casualties	4	2	Purpura Hemorrhagica		2	Sixteenth	8
Congestion of Brain	2	11	Rheumatism	1		Seventeenth	11
" Lungs	2	2	" of Heart	1		Eighteenth Nineteenth	12 22
Cholera Infantum		1	Sclerosis of Brain	1.		Twentieth	27
Cirrhosis of Liver	3		Septicæmia	5		Twenty-first	8
Consumption of Lungs	34	7	Small-pox	1	8	Twenty-second Twenty-third	11 8
Convulsions		18	Suicide, Shooting	1	ll	Twenty-fourth	26
Croup		8	Teething		1	Twenty-fifth	11
Cyanosis		4	Tetanus	1	2	Twenty-sixth	12
Debility	6	4	Tumor of Stomach	i	~	Twenty-seventh. *Twenty-eighth	19 15
Diarrhea	8	2	Ulceration of Throat	1	1	Twenty-ninth	30
Diphtheria	-	7	Uræmia	- 1	i	Thirtieth	13
Dropsy		'				Thirty-first	19
" of Brain		3	TOTALS	203	158	*Municipal Hospital,	4.
" Heart		3		===	=		
Disease of Heart		1			1 !		
" Kidney		- 1			1 1	Nativity, etc.	
Drowned	i	•••••			li	l	
Effusion of Brain		2				United States	258
" Heart	1	- 1				Foreign	95
						Unknown	8
Enlargement of Heart	2				1 1	People of Color	16
Erysipelas	1	•••••			1 1	From Municipal	
Fatty Degen. of Heart	3				1 1	Hospital	4
Fever, Scarlet		21			1		
" Typhoid	9	6					
Gangrene	1	4			1 1	1	187
Heart Clot	2	•••••	Of the above there were	-			174
Hemorrhage, Lung	3		Under 1 year		70	Boys	91
Stomacn		1	From 1 to 2		18	Girls	67
" Uterus		1	" 2 to 5		34	D	
Hernia, Strangulated			" 5 to 10		23	Premature Birth.	
Hooping-cough		2	" 10 to 15		1	Males	8
Hypertrophy of Heart	2		" 15 to 20		12	Females	1
Infla'mat'n, Brain		5	" 20 to 80		24		_
Dronen		6	" 30 to 40		39	Total	4
Bladder		•••••	" 40 to 50		32	CAU D.	_
rar		1	" 50 to 60		36	Still-Born.	
Kidneys		2	" 60 to 70			Males	13
12try 11x		1	" 70 to 80		35	Females	11
" Lungs	13	6	" 80 to 90		9		
" Pericardium	1	1	" 90 to 100	••••••	1	Total	24
			I		! !	<u> </u>	_

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE WEEK ENDING SATURDAY, MAY 17, 1884.

BAIN	립	 8	8. ===	= ੌ: = .=	1.09	8.	8.	8.	11 11
THER.	11.07 P. M.	Fair.	Clear.	Threat'g.	Clear.	Clear.	Clear.	Clear.	
STATE OF WEATHER.	3.07 P. M.	Fair.	Fair.	Cloudy.	Clear.	Clear.	Clear.	Cloudy.	
STAT	7.07 A. M.	Cloudy.	Clear.	Clear.	Cloudy.	Clear.	Lt. Rain.	Clear.	
ře l	11.07 P. M.	16	4	•	-	=	Ξ	9	
VELOCITY OF WIND.	8.07 P. M.	27	19	6	17	8	15	8	
Å Ö	70.7 .MA	=	4	4	9	9	•	71	
50	11.07 M. A	N.W.	N.W.	텨	8.W.	S.W.	N.W.	N.W.	
Вівестіой Wind.	3.07 P. M.	S.W.	N.W.	ත්	Ä.W.	S.W.	N.W.	N.W.	
III	7.07 A. M.	S.W.	N.W.	Z. E.	N.W.	₩.	``	×.	
YE.	11.07 P. M.	22	25	81	81	85	88	79	
RELATIVE Humidity.	8.07 P. M.	8	92	98	48	20	8	79	
HE	70.7 .MA	16	83	22	81	28	91	8	
	Min'm.	22	46	21	15	જ્ઞ	\$	47	-
e e	.m'xsM	11	69	73	8	71	33	67	
Тневмометев	Mean Daily Value.	58.7	60.0	59.4	59.7	61.6	57.2	59.3	56.6
HER	11.07 P. M.	53	8	21	Z	88	75	- 29	
Ē	3.07 P. M.	2	29	8	13	65	19	99	
	70.7 .M. A	22	22	28	<u></u>	13	28	22	
	Mean Daily Value.	29.78	29.95	88.62	29.84	29.87	29.80	89.89	29.85
BAROMETER.	11.07 P.M.	29.87	29.98	29.75	29.95	29.81	29.87	29.93	
ВАКО	3.07 P. M.	29.61	29.91	29.88	29.85	28 .87	29.79	29.84	
	7.07 A. M.	29.71	29.05	30.01	29.73	29.97	29.73	29.89	
Month and Day.	1884. MAY.	Sunday, 11,	Monday, 12,	Tuesday, 13,	Wed'sday, 14,	Thursday, 15,	Friday, 16,	Saturday, 17,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, MAY 24, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH WARD.
Abscess of Laings	1	1	Infla'mat'n, Brain	1	15	First 19
" Neck		1	" Bronchi	1	2	Second 10
Alcoholism	1		" Bladder	1		Third 7 Fourth 11
Anæmia	1		" Kidneys	4		Fifth 6
Aneurism of Aorta	1	l	" Larynx		1	Sixth
Apoplexy	9		" Lungs	11	15	Seventh 14 Eighth 7
Asthma	1	2	" Pericardium	1		Ninth 1
Bright's Disease	4		" Peritoneum.	8		Tenth 13
Burns and Scalds	1	1	" Pleura	1	l	Eleventh 7 Twelfth 0
Cancer of Breast	2		" 8. & Bowels	5	2	Thirteenth 10
4 Face	1	 	" Spine	1	l	Fourteenth 4
" Rectum	1][Inanition		9	Fifteenth 23 Sixteenth 3
" Stomach	6	l	Intussusception	1	ll	Seventeenth 13
" Uterus	2		Locomotor Ataxia	1		Eighteenth 8
Carbuncle	1		Marasmus	1	6	Nineteenth 26 Twentieth 16
Casualties	7	2	Measles		5	Twenty-first 5
Cerebro-spinal Meningitis	3	1	Old Age			Twenty-second 12
Congestion of Brain		1	Paralysis	7		Twenty-third 4 Twenty-fourth 17
" Lungs	ł	5	Pyæmia			Twenty-fifth 18
Cholera Infantum		8	Rheumatism of Heart		1	Twenty-sixth 18
Cirrhosis of Liver			Septicæmia			Twenty-seventh. 17
Concussion of Spine	î		Small-pox			*Twenty-eighth 9 Twenty-ninth 24
Consumption of Lungs	39	6	Softening of Brain			Thirtleth 17
Convulsions		13	Spina-Bifida		1	Thirty-first 19
	l	8	•	1	1	*Municipal Hospital, 0.
Croup	ı	4	Suffocation		2	}
Cyanosis Debility	9	1	Syphilis		1	
Diarrhœa	1	1	Tabes Mesenterica	1 1	1	Nativity, etc.
	1	14	Unknown		1	
Diphtheria	4	1	Uræmia			United States 249
Dropsy Abdominal			TOTALS	205	151	Foreign 101
" of Brain	1	1		<u> </u>	=	Unknown 6
OI DIGILI	1	- 1				People of Color 24
CHC96						
neart	1					il l
Tungs					1 1	1
O. ATTWIT						
Disease of Heart		3	Of the above these was			Males 176
Drowned	2		Of the above there were		ا ا	Females 180
Dyspepsia			Under 1 year		54	Boys 73
Empyema		1	From 1 to 2		23	Girls 78
Enlargement of Heart			" 2 to 5		31	
Epilepsy	1		" 5 to 10		25	Premature Birth.
Erysipelas		1	" 10 to 15		8	Males 5
Fatty Degen. of Heart	1		" 15 to 20		10	Females 1
		9	" 20 to 30		39	remaies
Fever, Scarlet		5	" 30 to 40		28	Total 6
" Typhoid		1 0 1	# 40 to 50		27	
" TyphoidGangrene	1		40 10 00	• • • • • • • • • • • • • • • • • • • •	20 1	
" Typhoid	1	1 - 1	" 50 to 60		37	Still-Born.
" Typhoid	1		40 10 30	······		
" Typhoid	1 1 2		" 50 to 60	······	37	Males 15
" Typhoid	1 1 2 1		" 50 to 60 " 60 to 70	•••••	37 33	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, MAY 24, 1884. DURING THE

ВАПИ.	ij_	8	8.	ង	8.	8	1.	.00	&:
THER.	11.07 P. M.	Clear.	Cloudy.	Clear.	Clear.	Нагу.	Cloudy.	Clear.	
STATE OF WEATHER.	8.07 P.M.	Clear.	Fair.	Fair.	Clear.	Нагу.	Clear.	Clear.	
STAT	7.07 A. M.	Clear.	Cloudy.	Cloudy.	Clear.	Clear.	Cloudy.	Fair.	
14	11.07 P. M.	69	~	9	∞	4	91		
VELOCITY OF WIND.	8.07 P. M.	91	14	6	10	9	16	9	
VE	70.7 .M .A	•	∞	=	=	4	φ	10	
t OF	11.07 M. A	S.W.	න්	N.W.	N.W.	S.W	₩.	S.W.	
DIRECTION WIND.	8.07 P. M.	S.W.	zá	S.W.	₩.	S.W.	zá	S.W.	
DIR	7.07 .M .A	`.	S.W.	S.W.	N.W.	N.W.	S.W.	``	
VE TY.	11.07 P. M.	8	66	92	91	92	86	8	
RELATIVE HUMIDITY.	3.07 P. M.	25	18	76	92	75	8	8	
H.C.	70.7 .M .A	2	8	97	87	25	8	92	
	Min'm.	53	26	61	22	99	8	29	
, g	Max'm.	23	79	92	8	87	87	88	
THERMOMETER.	Mean Daily Value.	62.3	67.2	67.3	70.3	75.4	75.6	77.5	70.8
HEBN	11.07 P. M.	19	8	83	22	11	22	75	
E	8.07 P. M.	71	11	92	78	22	8	8	
	70.7 .M .A		19	62	62	20	69	73	
	Mean Daily Value,	29.95	29.89	29.94	30.13	30.18	30.08	29.92	30.01
BAROMETER.	11.07 P.M.	29.94	29.86	30.02	30.16	30.16	30.06	29.89	
BAROI	3.07 P. M.	29.90	29.85	29.90	30.10	30.15	30.04	29.89	
	7.07 A. M.	30.00	29.94	29.92	30.12	30.22	30.14	29.99	
Month and Day.	1884. MAY.	Sunday, 18,	Monday, 19,	Tuesday, 20,	Wed'sday, 21,	Thursday, 22,	Friday, 23,	Saturday, 24,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

120 Week Ending Saturday, May 31, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC	н
Abscess of Brain	1		Infla'mat'n, Bronchi	1	2	First	14
" Jaw	1		" Bladder	ī		Second	10
" Lung	1		" Kidneys	5	1	Third Fourth	7
" Psoas		1	" Larynx	- 1	3	Fifth	9
Alcoholism			" Liver	2		Sixth	6
Apoplexy	19		" Lungs	8	12	Seventh Eighth	23 6
Asphyxia		2	" Pericardium	1		Ninth	6
Asthma	1		" Peritoneum.	5		Tenth	8
Bright's Disease	2		" S. & Bowels	4	4	Eleventh Twelfth	10
Burns and Scalds	1		Inanition	2	7	Thirteenth	6
Cancer of Breast	2		Marasmus		9	Fourteenth	5
" Kidney	ī		Measles		7	Fifteenth	11 18
" Neck	_		1	22		Seventeenth	9
" Pylorus	1		Paralysis	8		Eighteenth	18
" Uterus	1		Pyæmia	- 1		Nineteenth Twentieth	22 14
Casualties	5	1	l _ *		1	Twenty-first	10
Cerebro-spinal Meningitis	-	8	Rupture of Uterus			Twenty-second	22
Congestion of Brain		5	Sclerosis of Liver			Twenty-third	7 17
" Lungs	1	3	Septicæmia	2	1	Twenty-fourth Twenty-fifth	15
Cholera Infantum		9	Small-pox			Twenty-sixth	11
		-		1	•••••	Twenty-seventh.	20
Cirrhosis of Kidney	•		Softening of Brain	!	•••••	*Twenty-eighth Twenty-ninth	9 12
" Liver			Suicide, Hanging			Thirtieth	12
Consumption of Bowels		1	Tumor of Uterus	1		Thirty-first	20
" Lungs		4	" Ovarian	1		*Municipal Hospital	, 1.
Convulsions		20	Uræmia	•••••	1		
Croup		8	TOTALS 2	205	161		
Cyanosis		2		_	=	Nativity, etc.	
Debauch			_				
Debility		7				United States	272
Diabetes						Foreign	87
Diphtheria		7				Unknown	7
Dropsy				i		People of Color	22
" Abdominal						From Municipal	
of Brain		1			. 1	Hospital	1
" Lungs		1				-	
Disease of Heart	1	3					
" Liver	ı		0011 1 11	Ī		Males	168
Drowned	1	3	Of the above there were:	- 1		Females	198
Effusion of Brain	1	2	Under 1 year		76	Boys	80
Embolism of Brain	_		From 1 to 2		21	Girls	81
Emphysema	1	1	" 2 to 5		30		
Empyema	1		" 5 to 10		19	Premature Birth	•
Epilepsy			" 10 to 15		4	Males	3
Erysipelas	1	1	" 15 to 20		11	Females	-
Fatty Degen. of Heart	2		" 20 to 30		86	т.сшатез	5
Fever, Scarlet	1	21	" 30 to 40		30	Total	8
" Typhoid	13	1	" 40 to 50		27		
Gangrene	1		" 50 to 60		33	Still-Born.	
Hemorrhage, Lung	1		" 60 to 70		25	36-1	
Hernia	ļ	1	" 70 to 80			Males	12
Hooping-cough		3	" 80 to 90		23	Females	5
Trooping couga							_
Infla'mat'n, Brain	2	7	" 90 to 100		8	Total	17

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METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WERK ENDING SATURDAY, MAY 31, 1884.

	н								[]
HRB.	11.07 P. M.	Hazy.	Clear.	Cloudy.	Clear.	Clear.	Threat'g.	Clear.	
STATE OF WRATHER.	A. M. 3.07 P. M. 11.07 P. M.	Fair.	Cloudy.	Clear.	Lt. Rain.	Fair.	Fair.	Fair.	
STAT	7.07 A. M.	Fair.	Cloudy.	Foggy.	Lt. Rain.	Clear.	Clear.	Clear.	
Ea	11.07 M. A	10	00	ю	8	•	•	61	
VELOCITY OF WIND.	8.07 P. M.	#	7	00	12	41	2	6	
OF OF	7.0.7 .M .A	90	41	61	•	15	12	•	
3 0	11.07 P. M.	S.W.	Z E	S.W.	N.W.	Calm.	3 13 18	ei sc	
DIRECTION O	8.07 F. M.	Ä.	Z E	S.W.	Z. E.	N.W.	₩.	S.W.	
Dir	70.7 .MA	z. E	z E	Z. E.	ż	N.W.	N.W.	B.W.	
YE.	11.07 P. M.	86	8	86	7.5	2	8	86	
RELATIVE HUMIDITY.	8.07 P. M.	76	\$	\$	81	8	11	8	
RE	70.7 .MA	88	\$	86	100	11	얾	16	
	Min'm.	18	22	52	46	4	4	84	
l _{pi}	Max'm.	8	2	20	62	8	28	8	
THERMOMETER.	Mean Daily Value.	71.4	62.7	62.8	53.2	49.1	51.2	58.3	58.4
TERM	11.07 P. M.	67	22	8	8	28	28	53	
F	8,07 P. M.	78	2	12	22	52	28	8	
	7.0.7 .MA	8	8	28	- 19	4	4	28	
	Mean Daily Value.	29.91	29.88	29.80	29.90	30.11	30.12	30.24	30.00
BAROMETER.	11.07 P. M.	29.90	29.87	29.79	30,05	30.11	30.16	30.31	
BARON	3.07 P. M.	29.88	29.87	29.78	29.89	30.09	30.09	30.20	
	7.07 A. M.	29.95	29.92	29.84	29.78	30.13	30.12	30.22	
Day.	1 .	18	8,	23,	×,	SÍ	á	31,	
Month and Day,	1884. MAY.	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday, 29,	Friday,	Saturday,	Means

The surface of the mercury in the distern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, JUNE 7, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	DEATHS IN EACH WARD.
Abscess of Thigh	1		Infla'mat'n, Kidneys	3 1	First 19
Apoplexy	8		" Liver	1	Second 14
Asthma	2		" Lungs	6 8	Third 5 Fourth 9
Bright's Disease	3		" Peritoneum.	4 2	Fifth 10
Burns and Scalds	1	3	" S. & Bowels	3 5	Sixth 2
Cancer of Breast	2	١١١	Inspition		Seventh 20 Eighth 7
" Liver	ī		Jaundice		Eighth 7 Ninth 4
171 AGL	_		Mania-a-Potu	ا م	Tenth 10
r ylurus	1		Marasmus	_	Eleventh 8
DWIIIacii			Measles		Twelfth 7 Thirteenth 8
Overus	4	·····	Murder	_	Fourteenth 8
Carbuncle	1			2	Fifteenth 13
Casualties	7	5	Neuralgia of Heart	1	Sixteenth 12
Cerebro-spinal Meningitis		2	Necrosis of Thigh	1	Seventeenth 11 Eighteenth 20
Congestion of Brain	2	3		15	Nineteenth 24
" Lungs	1'	3	Obstruction of Bowels	1	Twentieth 18
Cholera Infantum		6	Paralysis	8	Twenty-first 1
" Morbus	1		Pyæmia	1 1	Twenty-second 8 Twenty-third 8
Cirrhosis of Liver	1		Purpura Hemorrhagica	1	Twenty-fourth 18
Consumption of Lungs	48	9	Rheumatism of Heart	1	Twenty-fifth 9
Convulsions		22	Scrofula		Twenty-sixth 15 Twenty-seventh. 21 *Twenty-eighth 14 Twenty-ninth 14
" Puerperal	1		Septicæmia	2	Twenty-seventh. 21 *Twenty-eighth 14
•	-	3	Small-pox	_	Twenty-ninth 14
Croup		1	Sore Mouth		Thirtieth
Cyanosis	•	1	Suffocation		Thirty-first 17
Debauch	1				*Municipal Hospital, 1.
Debility	2	1	Suicide, Drowning	1	
Diabetes	2		" Hanging	2	il
Diarrhœa	2	1	51100tilig	2	Nativity, etc.
Diphtheria	•••••	9.	Tetanus	1	
Dropsy	2		Tumor of Uterus	1	United States 273
" Abdominal	1		" Ovarian	1	Foreign 71
" of Brain		3	Ulceration of Bladder	1	
" Heart	2		" Lung	1	
" Lungs	1		" Stomach	1	
Disease of Heart	12	4	Uræmia	2	Hospital 1
Drowned	2	1			-
Effusion of Brain		1 1	Totals	190 164	· [
Enlargement of Liver	1		l=		Males 187
Epilepsy			Of the above there were:		Females 167
Erysipelas	2	2	Under 1 year	79	Boys 83
Fatty Degen. of Heart	ī		From 1 to 2		Girls81
Fever, Malarial		1	" 2 to 5		GIIIS
		14	2 10 0		Premature Birth.
Deal Ict		2	0 10 10		1 remature Dittil.
Typuoid		- 1	10 to 10		Males 10
Gangrene	1		10 10 20		Females 4
Hemorrhage, Brain	1		20 10 30		
• ,			" 30 to 40		Total 14
" Lungs		1 1	" 40 to 50	28	11
" Lungs " Stomach	1				م بشر م
" Lungs " Stomach " Uterus	_	1 1	" 50 to 60		Still-Born.
" Lungs " Stomach	1		" 50 to 60 " 60 to 70	34	
" Lungs " Stomach " Uterus	1 1 1		" 50 to 60	34 19	Males 7
" Lungs " Stomach " Uterus	1 1 1		" 50 to 60 " 60 to 70	34 19 25	
" Lungs " Stomach " Uterus Hernia Hooping Cough	1 1 1 1	3	" 50 to 60 " 60 to 70 " 70 to 80	34 19 25 15	Males 7

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, JUNE 7, 1884. DURING THE

STATE OF WEATHER.		3.07 P. M. 11.07 P. M. In.		<u> </u>	<u> </u>	+	H	H	H
_			Clear.	Clear.	Clear. Clear. Fair.	Clear. Clear. Fair. Clear.	Clear. Clear. Fair. Clear. Clear.	Clear. Fair. Clear. Clear. Clear.	Clear. Clear. Clear. Clear. Clear. Clear.
F. M. A. M. 3.		Clear.		Clear.	Clear.	Clear. Clear.	Clear. Clear. Clear. Foggy.	Clear. Clear. Clear. Foggy.	Clear. Clear. Clear. Foggy. Clear.
	1 .4 0.11	4	_						
-	.M.A.	67		~		_	_		
7	0.11 1.9 0.7	S.W.		S.W.	S.W.	S.W.	S. W. N. W. S. W.	N. W. W.	0. X 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
	3.07 P. M.	ಶ		σά	SC X	S. N.W.	N.W. N.E. S.	N. N. W. W. W.	N. N. W. W. W. W. W. W. W. W. W.
	70.7. .M .A	σċ		¥. Ei	€ . 83	Ä. S. N. N. W. W. W.	». E. S. S. E. E. S. E. E. S. E. E. S. E. E. S. E. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E. S. E.	#. S. S. S. S. S. S. S. S. S. S. S. S. S.	A. B. B. B. B. B. B. B. B. B. B. B. B. B.
Ī	11.07 .M. 49	16	,		8 2	8 2 8 8	g g g	8	% % & & & & & & & & & & & & & & & & & &
	3.07 P. M.	. 16	73		73	73	£ 4 4 6	60 46 42	73 60 46 73
HUMIDITY	70.7 .M .A	11	8		82	% 68 80	89 87	85 88 65	8 8 6 17
	.aa'aiM	64	51	_	22	57	57 66 66	68 66 63	66 66
ا پر	Max'm.	74	79	_	88	8 8	8 8 8	8 8 8 2	88 88 88
OMETE	Mean Daily Value.	60.3	64.9		74.8	74.8	74.8	74.8 75.4 74.5	74.8 74.5 73.7 74.5
Тневмометев.	11.07 P. M.	32	22		74	7. 17	71 71 68	45 TT 88 TT br>12 17	
	8.07 P. M.	11	11		78	32	78 28 88	78 2 8 28 28	25 24 85 E2 85 25 25 25 25 25 25 25 25 25 25 25 25 25 2
	70.7 .M .A	53	57		64	29 65	29 5 68	69 68	64 68 68 89 68
	Mean Daily Value.	30.32	30.17		29.98	30.03	29.98 30.03 80.12	29.98 30.03 80.12	29.98 30.08 80.12 30.11
BAROMETER.	11.07 P. M.	30.30	30.11		29.98	29.98	29.98 30.06 30.15	29.98 30.06 30.15 30.09	
Вавов	3.07 P. M.	30.29	30.13		29.94	29.94	29.94 30.01	29.94 30.01 30.08	29.94 30.01 30.08 30.09
	7.07 A. M.	30.36	30.27		30.03				
Day.		ŕ	ર્લ		တ်				
Month and Day	1884. JUNE.	Sunday,	Monday,		Tuesday,	Tuesday, Wed'sday,	Tuesday, Wed'sday, Thursday,	Tuesday, Wed'sday, Thursday, Friday,	Tuesday, Wed'sday, Thursday, Friday, Saturday,

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

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Week Ending Saturday, June 14, 1884.

CAUSES OF DEATH.	ADULTS	MINORS.	CAUSES OF DEATH.	MINORS.	DEATHS IN EACH	H
Abscess of Bladder	1		Marasmus 1	21	First	16
" Prostate	1		Measles	1	Second	14
Anemia	l	. 1	Neuralgia of Heart 1		Third	9
Alcoholism	1	J	Old Age 9	1	Fourth	6
Apoplexy	5		Obstruction of Bowels 1		Sixth	9
Asthma			Ossification of Arteries 1	1	Seventh	16
Bright's Disease	5	2	Paralysis 1		Eighth Ninth	3 4
Cancer of Rectum	1		Pyæmia 2	_	Tenth	15
" Stomach	ı –		Rheumatism of Heart		Eleventh	3 6
" Uterus		1	1		Twelfth	6
Casualties	3	4		1 - 1	Thirteenth Fourteenth	6 5
Congestion of Brain	-	1 -	Septicæmia 1		Fifteenth	21
		6	Softening of Brain 3	1	Sixteenth	8
" Lungs		2	Liver 1	1	Seventeenth	11 14
Cholera Infantum		5	Suicide, Hanging 1	1	Nineteenth	29
Cirrhosis of Liver			Sunstroke 1		Twentieth	16
Compression of Brain		1	Tetanus	. 1	Twenty-first	9 11
Consumption of Lungs		6	Tumor of Uterus 1		Twenty-second Twenty-third	.8
Convulsions		18	TOTALS 187	177	Twenty-fourth	19
Croup		4	201243	111	Twenty-fifth	15
Cyanosis	•••••	4	· · ·		Twenty-sixth Twenty-seventh. *Twenty-eighth	15 17
Debility	8	9		١.١	*Twenty-eighth	8
Diarrhœa	8	2		1 1	I wenty-ninth	13
Diphtheria		12		1 1	Thirtieth Thirty-first	15 23
Dropsy		1				
" Abdominal				1 1	*Municipal Hospital,	0.
" of Brain		2				
Disease of Brain	1	l		1 1		
" Heart	10	ll			Nativity, etc.	
" Liver	1			1		_
Drowned	3	1			United States	276
Embolism of Brain	1				Foreign	88
Enlargement of Heart	2				Unknown	5
Erysipelas	2			1 1	People of Color	21
Fatty Degen. of Heart	2		`	1 1	_	
Fever, Catarrhal		1		1 1		
" Malarial		ī				
" Scarlet		8		1 1		
" Typhoid	9	6	Of the above there were:			190
Hemorrhage, Lungs	2	- 1		1 []		174
Hooping-cough		1	Under 1 year	1 11	Boys	94
Infla'mat'n, Brain	5	10	From 1 to 2	29	Girls	83
" Bronchi	2	9	2 00 0	33	D . D	
" Bladder	2	ושו	0 to 10	21	Premature Birth.	
" Kidneys	- 1	•••••	" 10 to 15	4	Males	2
	2	•••••	" 15 to 20	2	Females	8
" Lungs	15	12	20 10 30	30		
" Peritoneum.	4	2	" 30 to 40	40	Total	5
	1		" 40 to 50	28		_
" Pleurs			" 50 to 60	33	Still-Born.	
" S. & Bowels		11				
" S. & Bowels " Spine		1	" 60 to 70	22		_
" S. & Bowels " Spine nanition		1 11	" 70 to 80	22 25	Males	8
" S. & Bowels " Spine		1		11		8

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, JUNE 14, 1884. DURING THE

Клій.	.i	<u>s</u>	<u> </u>	<u> </u>	7	81.	.13	10:	1 3
HER.	M. 11.07 P. M.	Clear.	Clear.	Threat'g.	Hy. Rain	Clear.	Cloudy.	Clear.	
STATE OF WEATHER.	M. 3.07 P. M.	Cloudy.	Fair.	Cloudy.	Cloudy.	Fair.	Cloudy.	Cloudy.	
BTAT	7.07 A. M.	Cloudy.	Foggy.	Foggy.	Lt. Rain. Cloudy.	Lt. Rain.	Cloudy.	Cloudy.	
ř.e	11.07 P. M.	•	۵,	14	81	10	13	12	
VELOCITY OF WIND.	8.07 P. M.	6	15	14	91	7	ដ	83	
N O	7.07 A. M.	•	61	4	16	2	∞.	8	
f 0 F	11.07 M. A	Calm.	S. E.	च	N.E.	N.E.	N.E	N.E.	
DIRECTION WIND.	8.07 P. M.	S.W.	8.W.	Z E	Z E	₩.	털	Z. E.	
DIR	70.7 .MA	ß.W.	8.W.	ᆆ	Z E	Z E	Z E	z E	
VE TY.	11.07 P. M.	88	97	97	8	78	8	2	
RELATIVE HUMIDITY.	8.07 P. M.	88	8	જ	97	2	138	7.	
E H	70.7 .MA	28	8	8	8	3	#	97	
	.m'niM	28	8	8	122	99	12	22	
1 2	Max'm,	82	. 88	8	8	83	73	- 61	
Тневиометев.	Mean Daily Value.	70.7	69.7	67.4	59.1	69.0	64.0	56.5	65.2
HER	11.07 P. M.	8	67	8	8	8	28	23	
E	70.8 .M H	- 25	14	92		78	33	8	
	70.7 .M.A		8	\$	57	28	8	8	
	Mean Daily Value.	79.97	29.79	29.84	30.00	29.98	30,18	30.43	80.08
BAROMETER.	11.07 P.M.	29.91	29.75	29.95	30.00	30.01	30.29	30.47	
Вавоз	8.07 P.M.	29.95	29.76	29.81	30.00	29.95	34.18	30.45	
	7.07 A. M.	30.08	29.88	29.77	29.99	29.98	30.08	30.37	
Day.		∞	e,	10,	i.	12,	13,	#	
Month and Day	1884. JUNE.	Sunday,	Monday,	Tuesday,	Wed'sday, 11,	Thursday, 12,	Friday,	Saturday, 14,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the moden level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

126 Week Ending Saturday, June 21, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS	MINORS.	DEATHS IN EACH WARD.		
Abscess of Brain		1	Infla'mat'n, Brain	2	6	First	26	
Angurism of Aorta			" Bronchi	3	10	Second	16	
Alcoholism			" Kidneys	Ĭ	1	Third	9	
Asphyxia	3	1	" Lungs	8	12	Fourth	ıí	
Bright's Disease			" Pericardium		1	Sixth		
Cancer of Liver			" Peritoneum.	8	2	Seventh	3 15	
" Pancreas	- 1		" S. & Bowels	7	8	Eighth Ninth	5 5 7 0	
I and leas		•••••	o. o. dowers			Tenth	7	
Stomaci		•••••		I		Eleventh	Ö	
Tongue			Inanition	1	9	Twelfth	8	
" Uterus		•••••	Intussusception	1		Thirteenth	6 5	
Casualties	5	1	Jaundice	1		Fifteenth	11	
Cerebro-spinal Meningitis		1	Mania-a-Potu	1		Sixteenth	7	
Congestion of Brain	7	4	Marasmus	2	16	Seventeenth	11	
" Lungs	2	4	Measles		4	Eighteenth	19	
Cholera Infantum		20	Neuralgia of Heart	1		Nineteenth Twentieth	24 17	
Cirrhosis of Liver			Old Age	12		Twenty-first	6	
Collapse of Lungs		1		8		Twenty-second	11	
		1 1	Paralysis	ı		Twenty-third	. 8	
Consumption of Bowels	•		Scrofula	1	1	Twenty-fourth	21 13	
Lungs		10	Sclerosis of Spine	1		Twenty-fifth Twenty-sixth	10	
Convulsions		16	Septicæmia	2		Twenty-seventh.	21	
" Puerperal	2		Small-pox	1		*Twenty-eighth	11	
Cramps		1	Suicide	1		Twenty-ninth	20	
Croup		8	" Arsenic	1		Thirtieth	16 25	
Cyanosis	ļ!	3	" Shooting	1				
Debility			Syphilis	l	2	*Municipal Hospital,	0.	
Degeneration of Heart			Tumor of Stomach	2				
Diarrhœa	i	3	Uræmia	ī				
Diphtheria	- 1	6				Nativity, etc.		
		1	TOTALS	195	179			
Dropsy		4		l	=	United States	270	
OI DIMI		- 1			1	Foreign	96	
Омови	i I	•••••			1 1	Unknown	8	
						D		
" Heart						People of Color	22	
neart		2				People of Color	_	
neart	12					reopie of Color	_	
Disease of Heart	12	2				People of Color	_	
Disease of Heart	12 1	2				reopie of Color	_	
Disease of Heart " Hip " Liver Drowned	12 1 3	2 1				-	22	
Disease of Heart " Hip " Liver Drowned Effusion of Brain	12 1 3	2 1 1	Of the above there were	•		Males	22 19 6	
Disease of Heart	12 1 3 	2 1 1	Of the above there were		90	Males	22 196 178	
Disease of Heart	12 1 3 1 1	2 1 1	Under 1 year		39	Males Females Boys	196 178 93	
Disease of Heart	1 3 1 1 2	1 1 	Under 1 year From 1 to 2	•••••	88	Males	22 196 178	
Disease of Heart	1 3 1 1 1 2	2 1 1 1	Under 1 year From 1 to 2	•••••	88 23	MalesFemales	19 6 178 93 86	
Disease of Heart	1 3 1 1 2 2	1 1 	Under 1 year	•••••	33 23 17	Males Females Boys	19 6 178 93 86	
Disease of Heart	1 3 1 1 2 2 1	2 1 1 1	Under 1 year	•••••	88 23 17 7	Males Females Boys Girls Premature Birth.	196 178 93 86	
Disease of Heart	1 3 1 1 2 2 1 1	2 1 1 1 1	Under 1 year	•••••	88 23 17 7 10	Males	196 178 93 86	
Disease of Heart	1 3 1 1 2 2 1 1	2 1 1 1	Under 1 year	•••••	88 23 17 7	Males Females Boys Girls Premature Birth.	196 178 93 86	
Disease of Heart	1 3 1 1 2 2 1	2 1 1 1 1	Under 1 year	•••••	88 23 17 7 10	Males	196 178 93 86	
Disease of Heart	1 3 1 1 2 2 1 7	2 1 1 1 1 17	Under 1 year From 1 to 2		88 23 17 7 10 80	Males	196 178 93 86	
Disease of Heart. "Hip	1 3 1 1 2 2 1 7 1	1 1 17 2	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50		88 23 17 7 10 80 34	Males	196 178 93 86	
Disease of Heart	12 1 3 2 1 7 1 1	1 1 17 2	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60		88 23 17 7 10 80 84 85	Males	196 178 93 86	
Disease of Heart	12 1 3 1 1 2 7 1 1 1	1 1 17 2	Under 1 year From 1 to 2 2 to 5 5 to 10 10 to 15 20 to 30 30 to 40 40 to 50 5 to 60 60 to 70		88 23 17 7 10 80 84 85 35 22	Males	196 178 93 86	
Disease of Heart	12 1 3 2 1 1 2 1 7 1 1 1 1 2	1 1 17 2	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60 " 60 to 70 " 70 to 80		88 23 17 7 10 80 84 85 85 22 19	Males	196 178 93 86	
Disease of Heart	12 1 3 2 1 1 2 1 7 1 1 1 1 2 7	1 1 17 2	Under 1 year From 1 to 2 2 to 5 5 to 10 10 to 15 20 to 30 30 to 40 40 to 50 50 to 60 60 to 70 70 to 80		88 23 17 7 10 80 84 85 35 22	Males	196 178 93 86 	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WERK ENDING SATURDAY, JUNE 21, 1884.

RAIM.	<u>.</u>	8.		<u> </u>	<u> </u>	8	8	=	8.
THER.	11.07 P. M	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	
STATE OF WEATHER	3.07 P. M.	Clear.	Fair.	Clear.	Clear.	Clear.	Fair.	Fair.	
STAT	7.07 A. M. 3.07 P. M. 11.07 P. M.	Clear.	Clear.	Clear.	Clear.	Clear.	Fair.	Clear.	
E a	11.07 P. M.	89	9	10	•	o	•	12	
VELOCITY OF WIND.	8.07 P. M.	ю	91	8	7	00	61	ю	
V V V	70.7 .M. A	91	•	12	-	24	7	9	
a O	11.07 P. M.	zi	¥.	8.W.	S.W.	zi	S.W.	N.W.	
Direction Wind.	8.07 P. M.	떮	W.	z	S.W.	S.W.	N.E.	N.W.	
DIR	7.07 .MA	Z. Ej	N.W.	X E	S.W.	S.W.	Z E	zi	
VE TY.	11.07 P. M.	11	72	28	18	83	79	8	
RELATIVE HUMIDITY.	8.07 P. M.	11	83	.19	2	3	67	2	
He	70.7 .M .A	81	76	8	83	68	92	82	
	.m'nìM	4	8	8	8	8	۲.	2	
ej.	Max'm.	2	8	8	88	\$	16	8	
Тневмометев.	Mean Daily Value.	58.3	68.4	76.3	74.9	78.7	79.9	82.5	
HEB	11.07 TMT	2	8	2	3	11	7	62	
Ē	8.07 P. M.	- 69	78	87	87	91	87	91	
	70.7 .MA.	51	8	8	8	8	75	76	
	Mean Daily Value,	30.46	30.25	30.12	30.03	29.92	29.95	29.95	
IETER.	11.07 P. M.	30.42	30.14	30.11	29.99	29.91	29.98	29.93	
BAROMETER.	8.07 P. M.	80.47	30.22	30.10	30.00	29.89	29.93	20.94	
	7.07 A. M.	30.50	30.87	30.16	30.09	29.96	29.96	20.39	
Day.	.,	15,	16,	17,	18,	19,	29,	ដ	
Month and Day	1884. JUNE.	Sunday,	Monday,	Tuesday,	Wed'sday, 18,	Thursday, 19,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

128 Week Ending Saturday, June 28, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC WARD.	н
Abscess of Brain	2		Infolmatic Videore	2	2	Tri	
" Liver			Infla'mat'n, Kidneys		~	First Second	21 16
- Liver	_		" Larynx			Third	13
Anemia			- Lungs		8	Fourth	22
Alcoholism	1		" Peritoneum.		2	Fifth	10 4
Apoplexy	1		rieura		•••••	Seventh	22
Asphyxia		1	p. or bowels		12	Eighth	11
Bright's Disease			Insanity			Ninth Tenth	6 3
Cancer of Breast	1		Inanition		8	Eleventh	5
" Jaw			Marasmus		15	Tweifth	5
" Liver	-		Measles	ļ	5	Thirteenth	10
" Neck	1		Murder	1	1	Fourteenth	.29
"Œsophagus	1		Old Age	15		Sixteenth	7
" Pancreas	1		Obstruction of Bowels	1		Seventeenth	1
" Uterus	2		Paralysis	12		Eighteenth Nineteenth	15 29
Casualties	6	8	Pyæmia		1	Twentieth	18
Cerebro-spinal Meningitis		8	Rheumatism of Brain	1	ll	Twenty-first	10
Congestion of Brain	8	5	Sclerosis of Liver	1		Twenty-second	11
" Lungs	1	7	" Spine			Twenty-third Twenty-fourth	10 18
Cholera Infantum		45	Septicæmia			Twenty-fifth	15
Consumption of Lungs		7	Small-pox		1	Twenty-sixth	20
Convulsions		18	Softening of Brain			Twenty-seventh.	20 10
Cramps		10	Suffocation			*Twenty-eighth Twenty-ninth	15
		1	Suicide, Hanging		1 1	Twenty-ninth Thirtieth	12
Croup		8			2	Thirty-first	6
Cyanosis		4	Syphilis		1	*Municipal Hospital	, L.
Debility		7	Teething				
Diabetes		••••••	Tetanus		1	}	
Diarrhœa		8	Trismus Neonatorum		1	Nativity, etc.	
Diphtheria		5	Tumor, Abdominal	1			
Dropsy		1	Uræmia	1		United States	298
" Abdominal			TOTALS	197	205	Foreign	96
" of Brain		2		=	=		
" Chest	1	l			1 1	Unknown	8
" Heart	1					People of Color	25
" Lungs	4				1 1	From Municipal Hospital	1
Disease of Heart	16				1	1105p1tat	•
Drowned	4	2					
Dysentery	1		Of the above there were	1		Males	207
Effusion of Brain		1	Under 1 year		132	Females	195
Embolism of Brain		1 1	From 1 to 2		23	Boys	
Erysipelas			" 2 to 5		24	Girls	92
Fatty Degen, of Heart			" 5 to 10		18		
Fever, Intermittent			" 10 to 15		7	Premature Birth	
" Malarial			" 15 to 20		6		
" Scarlet		11	" 20 to 30		28	Males	5
" Typhoid		2	" 30 to 40		31	Females	4
Hemorrhage, Brain		1	" 40 to 50		24	Total	9
" Lungs		1 - 1	" 50 to 60		37	10tal	
" Internal			" 60 to 70		31	Still-Born.	
Hernia, Strangulated			4 70 to 80		20	- Cuit-Bolin	
Inda'mat'n, Brain		10	" 80 to 90			Males	6
" Bronchi		4	4 90 to 100		1 1	Females	7
" Bladder		*	" 100 to 110		4	Total	
Diacuel	'		100 60 110	•••••	1	Total	18
1	<u> </u>					' <u></u>	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, JUNE 28, 1884. DURING THE

BAIN.	In.	8	 8.	 8:	<u>z</u> i	2.48	8.	 8:	2.52
HEB.	P. M. 11.07 P. M.	Clear.	Cloudy.	Clear.	Lt. Rain.	Clear.	Clear.	Clear.	
State of Weather.	3.07	Fair.	Clear.	Fair.	Cloudy.	Cloudy.	Fair.	Clear.	
STAT	7.07 A. M.	Clear.	Cloudy.	Cloudy.	Cloudy.	Hy. Rain Cloudy.	Cloudy.	Fair.	
ř.	11.07 P. M.	«	က	13	4	91	12	4	
VELOCITY OF WIND.	8.07 P. M.	ю	9	27	12	g	8	16	
A O	70.7 .M .A	G	10	61	16	\$	11	41	
A O N	11.07 .MA	z. E	si Ei	S.W.	ත්	ż	zi	zi zi	
DIRECTION WIND.	8.07 P. M.	N.E.	र्ख इं	S.W.	σά	Z. E.	N.E.	N.E.	
Dis	70.7 .MA	z	Z. E.	S.W.	S.W.	z E	N.E.	z E	
VE TY.	11.07 P. M.	#	96	82	97	8	77	73	
RELATIVE HUMIDITY.	8.07 P. M.	8	8	3.2	72	87	z	26	
HE	70.7 .M .A	76	28	8	06	8	8	4	
	.m'niM	88	63	89	72	22	2	22	
ER.	Max'm,	\$	\$	88	- 88	23	73	76	
Thermometer.	Mean Daily Sulay	79.4	78.7	77.9	77.8	58.7	64.3	66.5	71.2
нев	11.07 P. M.	89	69	77	73	57	19	3	
T	8.07 P. M.	91	*8		2	8	11	74	
	70.7 .M .A	78	8	2	7.5	%	2 6		
	Mean Daily Value.	30.04	30.18	29.92	29.82	30.06	30.27	30.29	30.07
BAROMETER.	11.07 P. M.	30.14	30.08	29.86	29.80	30.23	30.29	30.27	
ВАВО	8.07 P. M.	29.98	30.12	29.87	29.80	30.18	36.26	30.29	
	7.07 A. M.	29.28	30.18	30.03	29.85	29.82	30.25	30.30	
Day.	el	22,	ន៍	24,	8	88	23,	88	
Month and	1884. JUNE.	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Мевль

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.



130 Week Ending Saturday, July 5, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	MINORS.	DEATHS IN EAC WARD.	OH .
Abscess of Ear		1	Homicide 1	<u> </u>	First	22
" Urethra			Hooping Cough	1	Secona	14
Alcoholism	1		Infla'mat'n, Brain 1	5	Third	14 14
Anæmia	-	1	" Bronchi 3	5	Fourth	14
	10	_ 1	" Bladder 1		Sixth	3
Apoplexy	10	2	" Kidneys 1	1	Seventh	19
Asphyxia			•	8	Eighth	6
Asthma	3	••••••	" Lungs 4 " Peritoneum. 3	2	Tenth	3
Bright's Disease	6	•••••		1 - 1	Eleventh	4 3 9 2
Cancer of Brain			" Fleura 1		Twelfth	2
" Bowels	1		S. & DOWEIS 1	1 - 1	Thirteenth Fourteenth	9 10
race			100808	1 1	Fifteenth	18
" Kidney			Inanition		Sixteenth	11
" Larynx			Jaundice	1 1	Seventeenth Eighteenth	12 12
" Stomach			Marasmus	* I	Nineteenth	28
" Uterus	3		Measles	. 3	Twentieth	19
" Ovarian	1		Obstruction of Aorta 1		Twenty-first	6
Casualties	8	1	Old Age 7		Twenty-second Twenty-third	18 9
Cerebro-spinal Meningitis		10	Paralysis 6	1	Twenty-fourth	18
Child-Birth	1		Poisoning, Sulp. Iron 1		Twenty-fifth	12
Congestion of Brain	1	5	Septicæmia 5		Twenty-sixth	21 25
" Lungs	2	4	Small-pox	. 1	*Twenty-eighth	10
Cholera Infantum		61	Sore Mouth		Twenty-ninth	19
" Morbus		1	Spina-Bifida		Twenty-seventh. *Twenty-eighth Twenty-ninth Thirtieth	11
Cirrhosis of Liver			Suicide, Cutting Throat 1		Intriy-nrst	10
Collapse of Lungs		1	" Hanging 1		*Municipal Hospital	, 0.
Consumption of Lungs	1	5	Sunstroke	1		
Convulsions		24	Tetanus	. 2		
Croup	ı	5	Tumor, Abdominal 1	- 1	Nativity, etc.	
Cyanosis		4	" Ovarian 1	f 1		
Debility		5	I	-11	United States	317
Diabetes		"	TOTALS166	228	Foreign	73
Diarrhœa				=	Unknown	4
	1	8		1 1	People of Color	27
Diphtheria		1		1 1	1	
Dropsy				1 1	1	
OI DIAM		•••••		1 1	j l	
" Lungs			•	1 1		
Disease of Heart		3	Of the above there were:	1 1	Males	205
Kidneys					Females	189
Drowned	1	1	Under 1 year		Boys	124
Effusion of Brain	1	1	From 1 to 2	1 1	Girls	104
Epilepsy			" 2 to 5		D . D	
Erysipelas			" 5 to 10	1 1	Premature Birth	•
Fatty Degen. of Heart	1		" 10 to 15		Males	5
Fever, Brain		1	" 15 to 20	. 6	Females	4
" Intermittent	1		" 20 to 30	. 25	remaies	
" Malarial	1		" 30 to 40	. 25	Total	9
" Puerperal	1		" 40 to 50	. 26		_
" Scarlet	ļ	8	" 50 to 60	. 27	Still-Born.	
" Typhoid	7	1	" 60 to 70	. 32	36-1	
Gangrene	1	ļl	" 70 to 80		Males	10
Hemorrhage, Lungs		1	" 80 to 90		Females	10
Hernia	1		" 90 to 100		Total	20
			l	!!	l	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, JULY 5, 1884. DURING THE

RAIM.	K.	8	.e .e	8	8.	8		g. 1.46	1.90
THER.	11.07 P. M.	Clear.	Lt. Rain.	Fair.	Clear.	Clear.	Cloudy.	Threat'g.	
STATE OF WEATHER.	8.07 P. M.	Clear.	Cloudy.	Fair.	Fair.	Fair.	Cloudy.	Fair.	
STAT	7.07 A. M.	Clear.	Cloudy.	Cloudy.	Fair.	Cloudy.	Lt. Rain.	Cloudy.	
ř.e	11.07 P. M.	•	10	6	2	•	4	ဗ	
VELOCITY OF WIND.	8.07 P. M.	4	9	. 6	•	2	13	12	
VE	70.7 .M .A	10	•	6	o	#	4	4	<u> </u>
f 0.F	11.07 M. A	S.W.	σά	S.W.	s.w.	Calm.	si Ei	Z.	
DIRECTION C WIND.	8.07 F. M. ·	Ä.	S.W.	S.W.	S.W.	Ä.	खं જ	ಹ	
DIB	7.0.7 .MA	N.E.	Calm.	S.W.	S.W.	Z E	Z E	S.W.	
VE TY.	11.07 P. M.	62	100	36	92	88	8	ಪ ,	
RELATIVE HUMIDITY.	3.07 P. M.	28	81	74	11	29	8	79	
HE	70.7 .M.A	92	8	95	8	67	8	8	
	.m'niM	. 22	83	22	29	1	2	99	
g	.m'xsM	88	81	98	8	8.1	8)	8	
Thermometer.	Mean Daily Value.	70.9	72.3	76.9	78.3	76.5	73.3	77.3	74.9
HER	11.07 P. M.	67	11	74	75	11	2	75	
H	8.07 P. M.	8	78	2	82	28	22	8	
	70.7 .M .A	8	67	11	72	22	8	8	
	Mean Daily Value.	30.22	30.08	29.90	29.87	29.92	29.90	29.80	29.96
BAROMETER.	11.07 P. M.	80.17	30.02	29.86	29.88	29.97	29.86	29.75	
BARO	3.07 P. M.	30.20	30.05	29.87	29.84	29.98	29.88	29.78	
	7.07 A. M.	30.28	30.16	29.97	29.88	29.95	29.98	20.88	
Day.		53,	30,	. L	ર્લ	က်	4	,	
Month and Day.	1884. JUNE.	Sunday,	Monday,	JULY. Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

132
WEEK ENDING SATURDAY, JULY 12, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH WARD.	_
Abscess, Internal		1	Hemorrhage, Brain		1	First	26
Alcoholism	3	ī	" Lungs		i	Second	16
Apoplexy	8		Hernia, Strangulated			Third	11 28
Asphyxia	_	3	Homicide			Fourth	28
Asthma		ľil	Hooping-cough		3	Sixth	8 2 18
Bright's Disease	4	8	Hypertrophy of Heart			Seventh	18
Cancer, Diffused	1	"	Inda'mat'n, Brain		15	Eighth Ninth	8
" of Breast	4		" Bronchi		4	Tenth	12
" Jaw	1		" Bladder			Eleventh	7
" Liver	4		" Kidneys		1	Twelfth	8
" Kidney	1		" Larynx		1	Fourteenth	13
" Pylorus	1	1	" Liver		1 - 1	Fifteenth	24
" Rectum	-	·····	1	1	9	Sixteenth Seventeenth	12 13
" Stomach	1		" Lungs " Peritoneum.			Eighteenth	11
" Urethra	4		" Peritoneum. " S. & Bowels	-	19	Nineteenth	23
" Uterus	1		D. G. DOWEIS		19		19 18
U ver us	3		Insanity				25
Casualties	3	2	Inanition		21	Twenty-third	18
Congestion of Brain	1	4	Leucocythemia		1		30 19
" Kidneys		1	Mania-a-Potu			Twenty-sixth	20
" Lungs	2	2	Malformation		1	Twenty-seventh.	22
Congestive Chill	1		Marasmus		27	Twenty-eignth	16
Cholera Infantum		90	Measles		6		18 15
" Morbus	1		Obstruction of Bowels			Thirty-first	12
Cirrhosis of Liver	8		Old Age			*Municipal Hospital, 0	_
Consumption of Bowels	1		Paralysis			-Aumorper mospicer, o	1•
" Lungs		6	Pyæmia	1			
Convulsions		28	Septicæmia	3	1	Nadula La	
" Puerperal	1		Small-pox		1	Nativity, etc.	_
Croup		1	Sore Mouth		1		
Cyanosis		1	Strangulation	1			384
Debility	8	7	Stricture of Bowels]	1		81
Diarrhœa	4	2	Suffocation	l	1	1	10
Diphtheria		5	Sunstroke	1	1	People of Color	85
Dropsy	1	1	Syphilis	1	1		
" of Chest	1	[<u></u>]	Tabes Mesenterica		1	1	
" Heart	1	1	Ulceration of Leg				
" Lungs	1		Uræmia	2	1	Males2	247
Disease of Brain		1	Wounds, Gun-shot	1	<u> </u>		228
" Heart	8	انا	TOTALS	183	292		160
" Prostate	1	<u></u>		=			182
" Spine	2		Of the above there were				
Drowned	1	8		•		Premature Birth.	
Dysentery	3	1	Under 1 year From 1 to 2	•••••	191		_
Enlargement of Liver	1	-	" 2 to 5		31	Males	5
Erysipelas	1	1	" 5 to 10		11	Females	8
Fatty Degen. of Heart	2		- 10 to 10		5 12	Total	_
Fever, Malarial	1		" 15 to 20 " 20 to 80		33	Total	8
" Scarlet		5	" 30 to 40		26	Still-Born.	_
" Typhoid		2	" 40 to 50	• • • • •	28	Guit-BOITI,	
Gangrene of Leg	7	1 - 1	" 50 to 60 " 60 to 70	•••••	27 41	Males	18
	1		" 70 to 80	••••••	17	Females	9
	-	, ,					
Heart Clot	1 1		" 80 to 90 " 90 to 100	******	7		27

MRTEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, JULY 12, 1884. DURING THE

BAROMETER. THERMOMETER	 THERMOMETE	THERMOMETE	Тневиомети	MOMETE	H	ای	ļ	発車	ELAT	RELATIVE HUMIDITY.	Ä	DIRECTION C WIND.	# O#	> □	VELOCITY OF WIND.	E e	BTAT	STATE OF WEATHER.	HER.
8.07 11.07 P. M. P. M.	K ig Mean Daily Value.		7.0.7 M. A.	11.07	P. M. Mean Daily Value,	Max'm.	Min'm.	70.7 .M.A	8.07 P. M.	11.07 P. M.	70.7 .M. A	8.07 P. M.	11.07 M. A	70.7 .MA.	8.07 P. M.	11.07 P. M.	7.07 A. M.	8.07 P. M. 11.07 P.M.	11.07 P. M.
29.79 29.87 29.83	 an an			81 71	75.2		3	2	- 19	74	N.W.	N.W.	N.W.	12	2	•	Fair.	Fair.	Clear.
29.94 29.91	 E			78 68	68.5	- 73	8	82	2.	8	zi	N.W.	N.W.	~	12	•	Fair.	Cloudy.	Clear.
29.87 29.88 29.89	 22			72 61	8.53	8	28	8	2	2	z	N.W.	M.W.	*	. 8	6	Clear.	Cloudy.	Clear.
29.78 29.80 29.80	 8				67.6	- 29	8	79	78	78	z	N.W	N.W.	<u> </u>	2	19	Clear.	Cloudy.	Clear.
29.84 29.90 29.85	 52			- 62	72.4	- 2	8	<u> </u>	8	88	Calm	8.W.	ත්	•	•	-	Cloudy.	Clear.	Clear.
29.88 29.91 29.90	 8			69	78.8	*	8	2	71	8	៨	년 80	Calm.	-	«	•	Fair.	Cloudy.	Fadr.
29.77 29.88	 22			79 74	1 74.7	<u>*</u>	8	8	<u> </u>	87	ej Ej	8.W.	8.W.	•	19	•	Cloudy.	Cloudy.	Cloudy.

The surface of the meroury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK Ending Saturday, July 19, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH WARD.
Abscess of Hip		1	Infia'mat'n, Brain		19	First 20
" Lungs		i	" Bronchi		8	Second 14
" Neck		i	4 Lungs		6	Third 11 Fourth 18
Alcoholism			« Pericardium			Fifth 14
Apoplexy	1		Peritoneum.		8	Sixth 7
Asphyxia		1	" S. & Bowels		17	Seventh 19
Bright's Disease			Insanity	ī		Eighth 8 Ninth 10
Cancer, Diffused			Inanition	-	18	Tenth6
" of Bowels			Jaundice	-	1	Eleventh6
" Liver		*****	Laryngismus Stridulus		i	Twelfth
4 Stomach	-		Marasmus		22	Fourteenth 17
- DWIMBCIL	· -		Mesales	1		Fifteenth 18
" Uterus	_				1	Sixteenth 11 Seventeenth 14
Carbuncle	7		Old Age			Eighteenth 15
Casualties		8	Paralysis	9		Nineteenth 27
Cerebro-spinal Meningitis		2	Perforation of Bowels	1		Twentieth 16
Child-Birth			Pyæmia			Twenty-first 18 Twenty-second 16
Cholera Infantum		66	Sclerosis of Spine			Twenty-third 16
. MUIDUB	_		Septicæmia			Twenty-lourth 87
Cirrhosis of Kidney			Small-pox		1	Twenty-fifth 26 Twenty-sixth 16
Colie		1	Softening of Brain			Twenty-seventh. 25
Congestion of Brain		4	Stricture of Œsophagus	1		*Twenty-eighth 8
" Kidneys	1		Sunstroke		1	Twenty-ninth 17 Thirtieth 17
" Lungs		4	Teething		1	Thirtieth
Consumption of Lungs		5	Tetanus	1		*Municipal Hospital, 0.
Convulsions		27	Trismus Nascentium		2	-Manuapar Mospicar, 0.
Croup		6	Man	000	070	}
CroupCyanosis		6	TOTALS	200	270	N
		- 1	TOTALS	200	270	Nativity, etc.
Cyanosis	1	4	Totals	200	270	ļ
Cyanosis Debility	1	4 5	TOTALS	200	270	United States 376
Cyanosis Debility Diarrhœa	1	4 5 4	Totals	200	270	United States 376 Foreign 85
Cyanosis Debility Diarrhea Diphtheria	1 1 2	4 5 4 10	Totals	200	270	United States 376 Foreign 85 Unknown
Cyanosis Debility Diarrhea Diphtheria Propsy " of Brain	1 1 2	4 5 4 10	TOTALS	200	270	United States 376 Foreign 85
Cyanosis	1 1 2 2	4 5 4 10 8	Totals	200	270	United States 376 Foreign 85 Unknown
Cyanosis Debility Diarrhes Diphtheria " of Brain " Heart " Lungs	1 1 2 8 1	4 5 4 10 8	Totals	200	270 	United States 376 Foreign 85 Unknown
Cyanosis	1 1 2 8 1 19	4 5 4 10 	Totals	200	270	United States 376 Foreign 85 Unknown
Cyanosis	1 1 2 8 1 19 1	4 5 4 10 8	TOTALS	200	270	United States
Cyanosis	1 1 1 2 8 1 19 1 8	4 5 4 10 8	Totals	200	270	United States
Cyanosis	1 1 2 8 1 19 1 8	4 5 4 10 8 	Of the above there were	!	270	United States
Cyanosis	1 1 2 8 1 19 1 8	4 5 4 10 8 8	Of the above there were	-		United States
Cyanosis	1 1 2 8 1 19 1 8	4 5 4 10 8 8 	Of the above there were Under 1 year	1	179	United States
Cyanosis	1 1 2 8 1 19 1 8	4 5 4 10 8 8	Of the above there were Under 1 year	1	179 39	United States
Cyanosis	1 1 1 2 8 1 19 1 8	8 8 1	Of the above there were Under 1 year From 1 to 2 " 2 to 5	1	179 39 81	United States
Cyanosis	3 1 1 1 1 1 1 1 3 1 1 1 1 2	8 3 3 1 1	Of the above there were Under 1 year		179 39 81 10	United States
Cyanosis	3 1 1 1 3 8	8 	Of the above there were Under 1 year From 1 to 2	01	179 39 81 10 3	United States
Cyanosis Debility Diarrhea Diphtheria Dropsy " of Brain " Heart " Lungs Disease of Heart " Liver Dysentery Effusion of Brain Embolism of Brain Exposure Fatty Degen. of Heart Fever, Brain " Malignant " Remittent	1 1 1 2 3 1 1 1 3 3 1 1 1 1 2 1 1 1 1 1	8 	Of the above there were Under 1 year		179 39 81 10 3 8	United States
Cyanosis Debility Diarrhea Diphtheria " of Brain " Heart " Lungs Disease of Heart " Liver Dysentery Effusion of Brain Embolism of Brain Exposure Fatty Degen. of Heart " Malignant " Remittent " Ecarlet	1 1 1 2 8 1 19 1 8 1 1 1	8 3 1 1 1 1 6	Of the above there were Under 1 year		179 39 81 10 3 8 29	United States
Cyanosis Debility Diarrhea Diphtheria Oropsy " of Brain " Heart " Lungs Disease of Heart " Liver Dysentery Effusion of Brain Embolism of Brain Erysipelas Exposure Fatty Degen. of Heart Fever, Brain " Malignant " Remittent " Scarlet " Scarlet " Typhoid	1 1 1 2 8 1 19 1 8 11 1 1	8 	Of the above there were Under 1 year		179 39 81 10 3 8 29 22	United States
Cyanosis Debility Diarrhea Diphtheria Dropsy " of Brain " Heart " Lungs Disease of Heart " Liver Dysentery Effusion of Brain Erysipelas Exposure Fatty Degen of Heart " Malignant " Bemittent " Ecarlet " Typhoid Gangrene	3 1 19 1 3 8	8 3 1 1 1 1 6	Of the above there were Under 1 year		179 39 81 10 3 8 29 22 85	United States
Cyanosis Debility Diarrhea Diphtheria of Brain " of Brain " Lungs Disease of Heart " Liver Dysentery Effusion of Brain Embolism of Brain Exposure Fatty Degen. of Heart Fever, Brain " Malignant " Remittent " Scarlet " Typhoid. Gangrene " of Foot	1 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 	Of the above there were Under 1 year	1	179 39 31 10 3 8 29 22 35 34	United States
Cyanosis	1 1 1 2 8 1 1 9 1 8 1 1 1 1 2 	8 3 1 1 1 1 1 6 4	Of the above there were Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60		179 39 81 10 3 8 29 22 22 35 34 35	United States
Cyanosis Debility Diarrhea Diphtheria of Brain " of Brain " Lungs Disease of Heart " Liver Dysentery Effusion of Brain Embolism of Brain Exposure Fatty Degen. of Heart Fever, Brain " Malignant " Remittent " Scarlet " Typhoid. Gangrene " of Foot	1 1 1 2 8 1 1 9 1 8 1 1 1 1 2 8 1 1 1 1 1 1 1 1 1 1 1 1	8 	Of the above there were Under 1 year		179 39 31 10 3 8 29 22 35 34	United States

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

Week Ending Saturdax, July 19, 1884.

RAIM.	4	Ę	8	8	ş	8	8	8	8
FHEE.	11.07 P. M.	Clear.	Fair.	Threat'g.	Clear.	Clear.	Fair.	Clear.	
STATE OF WRATHER	8.07 P. M.	Fair.	Fair.	Fadr.	Cloudy.	Cloudy.	Fafr.	Cloudy.	
BTAT	7.07 A. M.	Lt. Rain.	Clear.	Clear.	Cloudy.	Clear.	Fair.	Foggy.	
Ħ	11.07 P. M.	9	4	81	•	. ~	•	16	
VELOCITY OF WIND.	8.07 P. M.	61	81	#	16	12	60	71	
Δ.	70.7 .MA	•	16	61	-	12	•	-	<u> </u>
4 0 I	11.07 MT	N.W.	`.	zi	Calm.	N.W.	ගේ	N.W.	
DIRECTION WIND.	8.07 Mq.	N.W.	N.W.	N.W.	N.W.	N.W.	₩.	ß.W.	
DIR	70.7 .MA.	Ä	zi	N.W.	B.W.	N.W.	N.W.	S.W.	
VE IY.	11.07 P. M.	8	8	88	8	76	8	8	
RELATIVE HUMIDITY.	8.07 P. M.	47	25	123	28	63	28	8	
RE	70.7 .M. A.	**	8	99	28	28	75	83	
	.m'niM	67	8	26	8	28	5	8	
é	.m'xsM	83	22	11	92	74	18	88	
THERMOMETER.	Mean Daily Value.	75.4	68.8	70.2	66.4	67.1	71.0	75.1	70.6
HERM	70.11 70.11	20	67	2	8	8	8	2	
E	8.07 P. M.	28	28	22	2	7	82	88	
	70.7 M .A	2	.8	2	8	8	2	8	
	Mean Daily Value.	29.69	8.8	29.87	29.88	20.92	29.94	88 .	28.82
BAROMETER.	11.07 P. M.	29.78	28.88	29.84	29.87	29.97	29.92	29.85	
Вакоз	8.07 P. M.	29.61	28.80	29.85	29.80	29.91	29.92	29.76	
	7.07 A. M.	29.74	29.79	29.92	29.82	29.89	29.99	29.87	
Day.		13,	14	15,	16,	17,	18,	19,	
Month and Day.	1884. JULY.	Sunday,	Monday,	Tuesday,	Wed'sday, 16,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the elstern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK Ending Saturday, July 26, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH, S S DEATHS IN EACH WARD.	
Alcoholism	1		Infla'mat'n, Bronchi 8 2 First	18
Anemia	ī		s Bladder 9 Second	18
Aneurism of Sub. Artery	ī		Kidneys 1 Fourth	10
Apoplexy	5		" Liver 1 Fifth	11
Asphyxia		1	4 Tannes 7 5 Sixth	4
Bright's Disease	8	1	Seventh	15
Burns and Scalds		î	" Peritoneum. 8 1 Eighth	8 5
Cancer of Breast			Weine 1 Tenth	10
" Liver	l ī		Inanition 2 18 Twelfth	6
" Mouth			Intussusception 1 Thirteenth	5 8
" Omentum	-		Fourteenth	8
46 Tonsils			Fitteenth	80
" Uterus	2		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	5 11
		·····	Eighteenth	11
Casualties	8		Old Age Nineteenth	22
Cerebro-spinal Meningitis	_		Paralysis 9 1 Twentieth	24 5
Child-birth	1		Twenty-second	17
Cholera Infantum		66	Separation Twenty-third	10
" Morbus	5		Softening of Brain 2 Twenty-fourth	24 22
Congestion of Brain	ı	7	Sore Mouth 1 Twenty-fifth	21
" Liver	2		Suicade, Arsenic I Twenty-seventh.	21
" Lungs	•	1	" Stabbing 1 Twenty-eighth	20
Consumption of Bowels			Syphilis	20 7
" Lungs	88	5	Teetning Thirty-first	14
Convulsions		15	Trismus Nascentium 1 *Municipal Hospital, 0	_
Croup		6	Tumor of Uterus 1	••
Cyanosis		5	Ulceration of Bowels 1	
Debility	5	2	" Stomach 1 Nathultu ata	
Diabetes	ļ	1	Throat 1 Nativity, etc.	_
Diarrhœa	2	1	Uræmia 1	
Diphtheria	1	12	United States	828
Dropsy of Chest	1	 	Total Total	79
4 Lungs	1	<u> </u>	Unknown	10
Disease of Heart	11	1	People of Color	17
" Liver	1		·	
Drowned	1			
Dysentery	1			
Dyspepsia		1	Males	212
Erysipelas	1	l ī l	0011	205
Fatty Degen. of Heart	1			185
Fever, Catarrhal		1		102
" Scarlet		6	" 2 to 5	103
		1	" 5 to 10	
" Twohoid			7	
" Typhoid	ı	1 1		
Fistula in Ano	1		10 to 10	8
Fistula in Ano	1 1		4 15 to 20	8
Fistula in Ano	1 1 2		" 15 to 20	4
Fistula in Ano	1 1 2 2		" 15 to 20	8 4 7
Fistula in Ano	1 1 2 2 1		" 15 to 20	4
Fistula in Ano	1 1 2 2 1 2		" 15 to 20	4
Fistula in Ano	1 1 2 2 1 2		# 15 to 20	4
Fistula in Ano	1 1 2 2 1 2		## 15 to 20	4 7 - 9
Fistula in Ano	1 1 2 2 1 2		# 15 to 20	4 7 —

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, JULY 26, 1884. DURING THE

RAIM.	덈	8	S.	8	8	8.	8.	8	## FF
78.08	8.07 P. M. 11.07 P. M.	Clear.	Clear.	Clear.	Lt. Rain.	Clear.	Threat'g.	Cloudy.	
STATE OF WEATHER		Clear.	Fair.	Clear.	Clear.	Cloudy.	Cloudy.	Cloudy.	
BTAT	7.07 A. M.	Clear.	Clear.	Clear.	Fair.	Clear.	Cloudy.	Cloudy.	
E e	11.07 P. M.	9	•	9	6	7.	•	-	
VELOCITY OF WIND.	8.07 P. M.	16	17	21	8	2	•	€	
VEI	70.7 .M. A	•	•	9	•	∞	23	=	
7 OF	11.07 P. M.	``	8.W.	S.W.	N.W.	S.W.	Z.E.	N.E	
DIRECTION WIND.	8.07 P. M.	N.W.	N.W.	S.W.	S.W.	N.W.	Ä.	N.E.	
DIR	70.7 .M. A	N.W.	≱	≱	S.W.	N.W.	N.W.	ж ы	
YK.	11.07 P. M.	88	92	72	8	8	8	8	
RELATIVE HUMIDITY.	3.07 P. M.	28	2	13	47	8	8	8	
HE	70.7 .M .A	2	8	8	22	76	8	8	
	.ma'aiM	8	19	62	8	20	67	2	
g	Max'm.	82	28	*	8	91	12	<u></u>	
Тиввиометев	Mean Daily Value.	70.6	70.5	74.4	76.2	80.8	72.3	8.8	73.5
HERD	70.11 .M .A	8	67	12	8	74	67	-67	
Į.	8.07 P. M.	4	- 28	28	8	8	75	4	
	70.7 JM. A	8	. 8	67	8	4	73	8	
	Mean Daily Value.	29.92	23.9x	29.99	29.90	29.89	29.91	39.98	29.93
BAROMETER.	11.07 P. M.	29.95	80.00	29.99	29.89	29.89	28.94	29.96	
Вавол	3.07 P. M.	29.89	29.94	29.96	29.85	29.86	29.91	29.94	
	7.07 A. M.	29.91	29.99	30.03	29.96	29.90	29.89	29.77	
Day.		%	21,	ឌ	á	Z,	ส์	38,	
Month and Day	1884. JULY,	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea, Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK Ending Saturday, August 2, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH WARD,	.
Abscess of Kidney	1		Infla'mat'n, Kidneys	1		First	82
Alcoholism	2		" Liver			Second	12
Apoplexy	6		" Lungs		9	Third	14
Asphyxia	-	1	" Pericardium			Fourth	14 18
Bright's Disease	8	i	" Peritoneum	_	1	Sixth	2
Cancer, Diffused	1	1 - I	" S. & Bowels.		10	Seventh	15
of Bowels	2		Insanity	1 .	1 1	Eighth	8 2 7 8
Breast	1		Insanition		12	Tenth	7
· Liver	_			1		Eleventh	8
* Kidney	8	·····	Mania-a-Potu			Twelfth	9
	1	·····	Malformation	1	1	Thirteenth	9
Stomach	2		Marasmus	1	33	Fifteenth	25 12
" Uterus	1	•	Measles		4	Sixteenth	
Casualties	7	1	Neuralgia of Heart			Seventeenth	9
Cerebro-spinal Meningitis		2	Old Age		•••••	Nineteenth	19
Cholera Infantum		73	Paralysis	5		Twentieth	19
" Morbus			Pyæmia			Twenty-first	16
Cirrhosis of Liver	•••••	1	Rheumstism of Heart	2	1	Twenty-second Twenty-third	16 18
Congestion of Brain	4	5	Scierosis of Spine	1		Twenty-fourth	30
" Lungs	1	1	Small-pox		1	Twenty-fourth Twenty-fifth Twenty-sixth	24
" Stomach		3	Softening of Brain		l	Twenty-sixth	20
Consumption of Bowels	1		Spina-Bifida		1	Twenty-seventh.	27 12
" Lungs		8	Stricture of Rectum			Twenty-ninth	22
Convulsions		21	Suicide, Cutting Throst	_	1 1	Thirtieth	16
Croup		4	" Sulp. of Iron			Thirty-first	19
Cyanosis		1 - 1			2	*Municipal Hospital,	0.
Debility		5	Syphilis		1 - 1		
		6	Tabes Mesenterica		1		
Degeneration of Heart		······	Teething		8	Nativity, etc.	
Diabetes	1		Uræmia	4			
Diarrhœa	8	1	TOTALS	203	251	United States	354
Diphtheria	•••••	5		=			
Dropsy of Brain	•••••	2		•		Foreign	91
" Heart		 				Unknown	9
Disease of Brain		1				People of Color	26
" Heart	9					1	
Drowned	8	1					
Dysentery	1	11					
Effusion of Brain		1				Males	253
Empyema	1		Of the above there were	1		Females	201
Epilepsy	1		Under 1 year		100	Boys	141
Fatty Degen. of Heart	ī		From 1 to 2				
Fever, Remittent		1			39	Girls	110
" Scarlet		6	4 W 0		20	Premature Birth.	
" Typhoid			9 10 10		13	r remature birth.	,
	7	1	10 10 10			Males	
Gangrene	1		" 15 to 20		8	Females	4
Heart Clot	1	1	" 20 to 30		84		
Hemorrhage, Bowels		1	" 30 to 40		35	Total	7
	2		" 40 to 50		23		
" Lungs			" 50 to 60	•••••	34	Still-Born.	
Homicide	2				0 .		
Homicide Hooping-cough	2	 5	" 60 to 70	•••••	29		
Homicide	2	 5 11			29	Males	10
Homicide Hooping-cough	2 	I - I	" 60 to 70	•••••	29		10 5
Homicide	2 2	11	" 60 to 70 " 70 to 80	•••••	29 28	Males	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WEEK ENDING SATURDAY, AUGUST 2, 1884.

BAIN.	렴	3 .	8	ĸ	8 .	g	8	8	87.
HER.	11,07 P. M.	Cloudy.	Lt. Bain.	Foggy.	Clear.	Fair.	Fair.	Cloudy.	
STATE OF WEATHER.	M. 3.07 P. M. 11.07 P. M.	Cloudy.	Cloudy.		Cloudy.	Threat'g. Fair.	Fair.	Cloudy.	
BTAT	7.07 A.M.	Cloudy.	Cloudy.	Sprinkl'g Cloudy.	Cloudy.	Cloudy.	Fair.	Fair.	
Fe	11.07 P. M.	=	•	12	۰	7	7	•	
VELOCITY OF WIND.	8.07 P. M.	16	9	2	•	51	7	φ	
7.0	70.7 .M .A	22	~	12	•	΄ ω	~	9	<u> </u>
£ 0.	11.07 P. M.	N.W.	त्रं छ	zi	ಙೆ	N.W.	න්	sć.	
DIRECTION OF WIND.	8.07 P. M. 9	N.E.	ø	N, E.	N.W.	ග්	₩.	Ж Э	
DIR	70.7 .MA	់ដ	zi	z E	zi	ಹ	zi	r F	
TY.	11.07 P. M.	83	88	86	25	\$	\$	28	
RELATIVE HUMIDITY.	8.07 P. M.	16	75	91	69	2	28	2	
品用	70.7 .M .A	8	22	84	8	8	2	٤	
	.ar'aiM	8	8	62	8	38	8	8	
	Max'm.	8	78	8	79	8	22	88	
THERMOMETER.	Mean Daily Value.	65.6	65.9	65.0	69.5	72.7	74.0	74.0	89.5
HER	11.07 P. M.		2	62	67	1	7	2	
F	8.07 P. M.	8	-	67	78	77	8	8	
	70.7 .M .A	8	2	2	62	8	<u>۶</u>	2.	
	Mean Daily Value.	29.84	29.97	29.78	29.67	29.77	30.02	30.16	29.88
BAROMETER.	11.07 P.M.	29.82	29.96	29.75	29.92	29.78	30.09	30.15	
Вавол	3.07 P. M.	29.76	29.98	29.69	29.86	29.68	30.01	30.15	
	7.07 A. M.	89.83	8.82	29.77	29.88	29.87	29.95	30.19	
Month and Day.	1884. JULY.	Sunday, 27,	Monday, 28,	Tuesday, 29,	Wed'sday, 30,	Thursday, 81,	Friday, 1,	Saturday, 2,	Means

The surface of the mercury in the cistern of Bárometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, AUGUST 9, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.
Abscess of Lung	2		Jaundice 1 First 26
Anæmia	1		Tonomotor Ateria 1 Second 7
Apoplexy	7	1	Mania-a-Potu
Bright's Disease	3		Marasmus 26 Fifth 5
Burns and Scalds	1 -	1	Obstantion of Borola 1 Sixth 2
Cancer of Rectum			Seventa
	_		
DWIII WII	-		
U VCI UB	_		
Casualties	4	1	Pyæmia
Cerebro-spinal Meningitis		1	Septicæmia 1 1 Thirteenth 12 Fourteenth 7
Cholera Infantum		49	Fifteenth 12
" Morbus			Struck by Lightning 1 Sixteenth 3
Cirrhosis of Liver			Suicide, Laudanum 1 Seventeenth 8 Eighteenth 27
Congestion of Brain	8	9	Sunstroke
" Lungs	3		Syphilis
Consumption of Lungs	32	9	Takes Mesenterics 1 Twenty-first 7
Convulsions	 	12	Trismus Nascentium 1 Twenty-second 18 Twenty-third 9
Cramps		11	Tumor of Brain
Croup		8	Twenty-fifth 15
Cyanosis		4	Twenty-sixth 19
Debility		6	Totals
Diarrhœa		1	(Twenty-ninth 18
Diphtheria			Thirtieth 12
		-	Thirty-first 16
Dropsy			*Municipal Hospital, Q.
" of Brain	1	3	
" Chest		1	1 1
Disease of Brain		2	Nativity, etc.
" Heart		1	- Mauvity, etc.
Drowned	1	2	United States 294
Dysentery		4	Foreign 80
Effusion of Brain		2	Unknown 14
Epilepsy	1		People of Color 21
Erysipelas		3	
Fatty Degen, of Heart	2	[l	
Fever, Inflammatory		1	
" Puerperal			
" Scarlet		1	Males 206
" Typhoid		2	Females 182
Gangrene, Senile			Of the above there were: Boys 119
Heart Clot	1		Under 1 year
Hemorrhage, Brain			From 1 to 2 80
Hooping Cough		2	" 2 to 5
		1 - 1	2.00
Hypertrophy of Heart		11	Moles
Infla'mat'n, Brain		3	Townsles 1
Dividua		1 - 1	" 15 to 20 12
Eluneys			20 00 30
THACL	1	•••••	30 10 40 42
" Lungs	1	7	" 40 to 50 25 Still-Born.
" Peritoneum	1 .	2	" 50 to 60
" S. & Bowels.		15	" 60 to 70 17 Kamalau 10
	1	1	" 70 to 80 19 Females
" Spine] <u> </u>	
" Spine Insnition		10	" 80 to 90

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

WEEK ENDING SATURDAY, AUGUST 9, 1884.

RAIM,	렴	1.1	171	x	8	8.	ä.	8	8.32
THER.	11.07 P. M.	Threat'g.	Cloudy.	Cloudy.	Cloudy.	Fair.	Clear.	Fair.	
STATE OF WRATHER.	7.07 A. M. 3.07 P. M. 11.07 P. M.	Lt. Rain.	Th. St'rm Cloudy.	Cloudy.	Clear.	Cloudy.	Clear.	Cloudy.	
Brat	7.07 A. M.	Foggy.	Cloudy.	Cloudy.	Fair.	Cloudy.	Fair.	Cloudy.	
¥.e	11.07 P. M.	•	4	4	•	*	9	∞	
VELOCITY OF WIND.	8.07 P. M.	4	24	4	7	13	•	7	
A C	70.7 .M. A.	64	*	89	g	•	+	55	
M O L	11.07 P. M.	13 18	खं 80	લં જ	Calm.	z	zi	A. E.	
DIRECTION WIND.	8.07 P. M.	ផ	8.W.	αċ	N.W.	z	œ	z E	
Dir	70.7 .MA.	떮	ත්	ත්	N.W.	K.E.	zi	N.E	
VE TY.	11.07 P. M.	88	36	86	7	83	88	6	
RELATIVE HUMIDITY.	8.07 P. M.	8	90	8	Z	2	28	92	
H.H.	7.0.7 .M. :A	8	88	8	69	8	8	1	
	Min'm.	8	8	29	8	29	58	64	
ä	Max'm.	72	8	£	.8	73	3	2	
THERMOMETER.	Mean Daily Value.	71.1	70.3	71.0	72.5	69.2	74.7	67.1	70.8
HEBD	70.11		67	2	72	8	11	3	
T	8.07 P. M.	73	69	7	78	2	82	2	
	70.7 .M .A	8	22	77	29	8	8	8	
	Mean Daily Value.	8 2	29.91	29.94	30.03	30.00	30.11	30.22	80.08
BAROMETER.	11.07 P. M.	30.00	29.92	29.97	30.04	30.01	30.18	30.20	
Вавоз	8.07 P. M.	30.02	29.86	29.93	30.01	29.97	30.08	80.23	
	7.07 A. M.	30.11	29.94	29.92	30.03	30.02	30.07	30.22	
Month and Day.	1884. August.	Sunday, 8,	Monday, 4,	Tuesday, 5,	Wed'sday, 6,	Thursday, 7,	Friday, 8,	Saturday, 9,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

142 WEEK ENDING SATURDAY, AUGUST 16, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH WARD.
Abscess of Liver	1		Infla'mat'n, Lungs	4	6	First 15
" Lumbar	1		" Peritoneum.	4		Second 14
▲leoholism	8		" S. & Bowels	5	16	Third 12 Fourth 17
Apoplexy	6		Inanition	8	13	Fifth 9
Asphyxia	1 -	1	Jaundice		1	Sixth 3
Asthma	1		Marasmus		39	Seventh
Boil	lī		Measles		1	Ninth 6
Bright's Disease	_		Neuralgia of Heart	1		Tenth 9
Cancer of Bladder			Obstruction of Bowels	ī		Eleventh 5 Twelfth 14
" Breast	2		1	18		Thirteenth 7
" Liver	8		Paralysis			Fourteenth 8
4 Rectum			Pyæmia	1	1	Fifteenth 13 Sixteenth 9
* Stomach	2		Rheumatism of Heart	1	1	Seventeenth 13
" Uterus			Sclerosis of Spine	- 7 1		Eighteenth 20
Casualties		2	Septicæmia	- 1		Nineteenth 14 Twentieth 19
Cellulitis			Small-pox	- 1	1	Twenty-first 8
Cerebro-spinai Meningitis		2	Sore Mouth		ī	Twenty-second 16
Cholera Infantum		41	Spins-Bifids		ī	Twenty-third 15 Twenty-fourth 24
Cirrhosis of Liver			Stricture of Bowels			Twonty-66h 91
Congestion of Brain		7	Suicide, Laudanum	i		Twenty-sixth 22
" Lungs		4	" Shooting	- 1		Twenty-sixth 22 Twenty-seventh. 23 Twenty-eighth 15
" Stomach		-	Syphilis		1	Twenty-ninth 11
Consumption of Bowels		1	Tabes Mesenterica	1	i	Thirtieth 12
" Lungs	1	4	Teething	- 1	i	Thirty-first 6
Convulsions		13	Thrombosis of Brain		i	*Municipal Hospital, 0.
" Puerperal			Trismus Nascentium		î	
Croup		7	Tumor of Kidney	1	•	
Cyanosis		2		i		Nativity, etc.
Debility		5	Uraemia			l
Diarrhœa	-	1	TOTALS 1	170	222	United States 808
Diphtheria		5	l=	-	=	Foreign 75
Dropsy of Brain		- 1		- 1	1	Unknown 9
	1 1					1
ii Chast		7				People of Color 19
Chest	- :	7				People of Color 19
" Ovarian	1					People of Color 19
" Ovarian Disease of Brain	1	1				People of Color 19
" Ovarian Disease of Brain Heart	1 9	1 8				
" Ovarian Disease of Brain " Heart Drowned	1 9 2	1 8 2				Males 194
" Ovarian Disease of Brain " Heart Drowned Dysentery	9 2 8	1 8	Of the above the second			Males
" Ovarian Disease of Brain " Heart Drowned Dysentery Empyema	1 9 2 8 1	1 8 2 1	Of the above there were:			Males
" Overian Disease of Brain " Heart Drowned Dysentery Empyems Epilepsy	9 2 8 1	1 8 2 1	Under 1 year		130	Males
" Ovarian Disease of Brain " Heart Drowned Dysentery Empyems Epilepsy Fatty Degen. of Heart	9 2 8 1 1	1 8 2 1	Under 1 year From 1 to 2		50	Males
" Ovarian	9 2 8 1 1 4	1 8 2 1	Under 1 year From 1 to 2			Males
" Ovarian	9 2 8 1 1 4 1	1 8 2 1	Under 1 year		50 15 13	Males
" Ovarian Disease of Brain " Heart Drowned Dysentery Empyems Epilepsy Fatty Degen. of Heart Fever, Puerperal " Scarlet " Typhoid	9 2 8 1 1 4 1 1 8	1 8 2 1	Under 1 year		50 15 13 7	Males
" Overlan	1 9 2 8 1 1 4 1 1 8	1 8 2 1 	Under 1 year		50 15 13	Males 194 Females 198 Boys 121 Girls 101 Premature Birth 6 Females 6
" Ovarian	9 2 8 1 1 4 1 1 8 1 2	1 8 2 1	Under 1 year		50 15 13 7	Males
" Ovarian	9 2 8 1 1 4 1 1 8 1 2	1 8 2 1 4 4	Under 1 year		50 15 13 7 7 7 29 25	Males
"Ovarian "Heart "Heart "Heart "Heart "Heart "Towned "Dysentery "Epilepsy "Fatty Degen. of Heart "Fever, Puerperal "Scarlet "Typhoid "Heart Clot "Hemorrhage, Lungs "Hernia, Strangulated "Hooping-cough	9 2 8 1 1 4 1 1 8 1 2 1	1 8 2 1 	Under 1 year		50 15 13 7 7 7 29	Males 194 Females 198 Boys 121 Girls 101 Premature Birth 6 Females 6
"Ovarian	9 2 8 1 1 4 1 1 8 1 2 1	1 8 2 1 4 4	Under 1 year		50 15 13 7 7 7 29 25	Males 194 Females 198 Boys 121 Girls 101 Premature Birth Males 6 Females 6 Total 12 Still-Born
"Ovarian	19 2 8 1 1 4 1 1 1 8 1 2 1 1 1 1	1 8 2 1 1 4 4 4 6 9	Under 1 year		50 15 13 7 7 29 25 21	Males
"Ovarian	19 2 8 1 1 4 1 1 1 8 1 2 1 1 1 1	11 8 2 1 1 4 4 4	Under 1 year		50 15 13 7 7 7 29 25 21 28	Males 194 Females 198 Boys 121 Girls 101 Premature Birth Males 6 Females 6 Total 12 Still-Born

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, AUGUST 16, 1884. DURING THE

HAIM.	텱	8.	8	8	8.	8	Si	8	8
HER	M. 11.07 P. M.	Cloudy.	Fair.	Clear.	Clear.	Clear.	Clear.	Clear.	
STATE OF WEATHER.	3.07 P.	Cloudy.	Fair.	Cloudy.	Fair.	Fair.	Clear.	Fair.	
BILAT	7.07 A. M.	Cloudy.	Fair.	Cloudy.	Cloudy.	Clear.	Clear.	Clear.	
Fe	11.07 P. M.	4	*	*	40	•	4	•	
VELOCITY OF WIND.	3.07 P. M.	41	*	Ħ	9	2	•	•	
2.9	70.7 .M. A	8	10	~	•	•	2	=	
40,0	11.07 P. M.	N.E.	<u>ක්</u> ග්	N.E	S.W.	. ≱	₩.	ಹ	
DIRECTION WIND.	3.07 P. M.	N.E	85 E	N.E.	N.E.	z	N.E	X E	
DIR	70.7 .MA	N.E.	zi	Z. E.	zi	`.	N.W.	X H	
N Y	11.07 P. M.	22	28	2 5	8	5	8	8	
RELATIVE HUMIDITY.	8.07 P. M.	8	29	\$	92	\$	3	æ	
E H	70.7 .M .A	8	2	18	8	8	2	3 5	
	Min'm.	8	8	63	8	89	8	8	
2	Max'm.	8	8	8	20	\$	84	28	
Тиквиометев.	Mean Daily Value.	67.9	. 98	67.1	68.7	78.2	77.1	.78.4	70.9
HER	11.07 P. M.	- 13	8	99	8	2	92	8	
F	8.07 P. M.	72	76	72	92	22	8		
	70.7 .M.A	8		8	8	8	2	2	
	Mean Daily Value.	80.08	30.08	80.17	80.16	30.13	30.10	80.17	30.13
BAROMETER.	11.07 P.M.	30.07	30.12	30.18	30.17	30.11	30.11	30.20	•••••
Вакоз	3.07 P. M.	80.06	30.04	30.17	80.14	30.07	30.07	30.15	
	7.07 A. M.	30.12	30.08	30.15	30.17	30.17	30.11	30.18	
Day.	Ĕ.	,01	Ή,	ឌ	13,	4	15,	16,	
Month and Day.	1884. August.	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday, 14,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea, Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, AUGUST 23, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	DEATHS IN EACH WARD.
Abscess of Brain	1	1	Hemorrhage, Uterus Hernia Hooping Cough		1 Second
* Thoracic	ı	1	Infla'mat'n, Brain		Q: h C
Anæmia	_	1	" Larynx	2	Seventh 14
Apoplexy			" Lungs		Eighth 16
Asphyxia		2	Peritoneum.	- 1	1 Tenth 11
Aneurism of Aorta			S. & Bowels	8 1	- Lievenia t
Bright's Disease		2	« Spine		Thirteenth 7
Burns and Scalds		2	Inanition		Fourteenth 18 Fifteenth 17
Cancer	1		Jaundice	1	1 Sixteenth
" of Breast	1		Marasmus	8	2 Seventeenth 14
" Neck	1		Measles		Eighteenth 18 Nineteenth 18
" Liver			Murder	1	Twentieth 10
" Uterus			Nephritis	1	Twenty-first 8
Casualties		8	Neuralgia		Twenty-second 15 Twenty-third 18
Caries of Vertebra	1		Obstruction of Bowels	1	Twenty-fourth 21
Cerebro-spinal Meningitis		10		11	Twenty-fifth 16 Twenty-sixth 24
Cholera Infantum		43	Pelvic Cellulitis	1	··· Twenty-seventh. 14
" Morbus	_	1	Paralysis	6	*Twenty-eighth 17
Congestion of Brain	-	5	Pyæmia	2	Twenty-ninth 20 Thirtieth 20
" Lungs	4		Rheumatism of Brain	1	Thirty-first
Consumption of Lungs		5	Softening of Brain		*Municipal Heavital. 0.
Convulsions		16	Spina Bifida		1
Croup		8	Stricture of Bowels	- 1	
Cyanosis		2	Suicide, Cutting Throat	1	Nativity, etc.
Debility		4	" Hanging	1	
Diabetes	-		Tabes Mesenterica		3 United States 307
Diarrhes		1 6	Teething		1 Foreign 76
Diphtheria		•	Thrombosis, Cerebral	. 1	Unknown
" Abdominal		•••••	Uræmia		··· People of Color 17
of Brain		8	Wounds, Gun-shot	1	<u> </u>
# Heart		1 1	TOTALS 1	84 19	9
" Lungs		•••••	ļ=	= =	=
Disease of Heart		1		ı	Males 171
" Hip		i	Of the above there were:	1	Females 212
" Shoulder			Under 1 year	11	
Drowned		1	From 1 to 2		
Dysentery			" 2 to 5		
Effusion of Brain	-	1	" 5 to 10		" _ .
Emphysema of Lungs			" 10 to 15		9
Fever, Brain			" 15 to 20		9 Males 0
" Catarrhal		1	" 20 to 30		Famelee 6
" Puerperal			" 30 to 40		
" Scarlet		6	" 40 to 50		
" Typhoid		6	" 50 to 60		
Gangrene of Foot			" 60 to 70		5
Hemorrhage, Nose			" 70 to 80		Males 10
" Lungs			" 80 to 90	1	5 Females 12
" Stomach	2		" 90 to 100		1 Total 22
	1			- 1	11

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, AUGUST 23, 1884.

BAIN.	描	8.	8	8	8	8	<u>e</u> .	8	8:
THER.	11.07 P. M.	Hasy.	Hazy.	Clear.	Clear.	Hazy.	Fair.	Clear.	***************************************
STATE OF WEATHER.	A.M. 8.07 P.M. 11.07 P.M.	Fair.	Cloudy.	Clear.	Hagy.	Fair.	Fair.	Fair.	
BTAT	7.07 A. M.	Clear.	Cloudy.	Clear.	Fair.	Fair.	Fair.	Cloudy.	
ri G	11.07 P. M.	7	4	4	•	29	9	on .	
VELOCITY OF WIND.	8.07 P. M.	*	က	•	o	2	18	•	
VE	70.7 .M .A	-	-	4	~	a	10	•	1 1
40	11.07 JM . 9	ಹ	S.W.	3 8	S.W.	න්	M.W.	S.W.	
DIRECTION O	8.07 P. M.	ක් ග්	B.W.	N.W.	N.W.	ත් ග්	S.W.	න්	
DIR	70.7 .MA	8.W.	zć	N.W.	8.W.	B.W.	øi	Calm.	
VE IX.	11.07 P. M.	91	81	92	8	8	28	18	
RELATIVE HUMIDITY.	8.07 P. M.	22	82	51	28	8	\$	8	
HU	70.7 .M.,A	97	8	75	79	84	8	8	
	.m'nìM	3	67	2	2	72	20	67	
贈	Max'm.	88	8	16		28	8	8	
Тневмометев.	Mean Daily Value.	73.3	75.5	80.0	82.7	79.3	76.2	74.4	77.8
HERM	11.07 P. M.	5	74	72	78	92	2	22	
ā	8.07 P. M.	8	8	8	22	87	8	8	
	70.7 .M .A	99	8	2	7.	22	23	8	
	Mean Daily Value.	80.16	80.11	30.09	30.06	30.02	29.97	29.95	30.06
ETER.	11.07 P. M.	30.55	30.10	30.09	30.05	30.01	29.99	29.97	
BAROMETER.	8.07 P. M.	30.12	30.10	30.06	30.03	30.00	29.92	29.93	
	7.07 A. M.	30.21	30.12	30.12	30.10	30.06	30.01	29.96	
Day.	Ęij	17,	18,	61	ର୍ଷ	21,	ដ	జ్జ	
Month and Day,	1884. August.	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday, 21,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea, Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, AUGUST 30, 1884.

CAUSES OF DEATH.	ADULAR	MINORS	CAUSES OF DEATH.	ADULTS	итиова	DEATHS IN RACH WARD.
Abscess of Liver	1		Hemorrhage, Uterus	2		First 18
" Lungs	1		Hooping-cough		7	Second
6 Neck	1		Infla'mat'n, Brain	8	8	Third 14 Fourth 14
Alcoholism	8		" Bronchi		5	Fifth 10
Anemia	1		" Heart,	1		Sixth 7
Apoplexy	11		" Lungs	8	8	Seventh 20
		****	" Peritoneum.	- 1	8	Eighth
Asthma	1	1	Parotid Gl'd		- 1	Ninth
Bright's Disease	8	•••••			1	Eleventh
Cancer	1		- D, Or DOWNER.	8	9	Twelfth
OI DIGEOT	1		Inanition		10	Thirteenth 10
" Liver	1		Jaundice		1	Fifteenth 19
" Stomach	8		Malformation		1	Sixteenth
" Tongue	1		Marasmus		16	Seventeenth
" Uterus	1		Neuralgia of Heart	1		Eighteenth 18 Nineteenth 22
" Urinary Organs	2		Old Age	8	•••••	Nineteenth 22
Casualties	8	2	Paralysis	7		Twenty-first 11
Carles of Spine	•	ī	Pysemia	i	1	Twenty-second 11
Cerebro-spinal Meningitia	1	8	Scrofula	- 1	i	Twenty-third
Cholera Infantum	-	31		••••••	i	Twenty-fourth 21
		1	Small-pox		- 1	Twenty-sixth 16
" Morbus	8	••••••	Softening of Brain	2	•••••	Twenty-seventh. 20
Cirrhosis of Liver	1		Suicide, Drowning	1		*Twenty-eighth 17
Concussion of Spine	1		" Hanging	2	•••••	Twenty-ninth
Congestion of Brain	1	6	" Jpg. from wind'w	1		Thirtieth 1: Thirty-first
" Lungs	1	1	Sunstroke	2		
Consumption of Lungs	57	8	Tumor, Abdominal	11		•Municipal Hospital, 1.
Convulsions		16				
Croup		5	TOTALS	194	172	
Cyanosis		4	l=	=	=	Nativity, etc.
Debility		i			1 1	
Diarrhœs	4	2			1	United States 27
Diphtheria		18				Foreign 8
		18				Unknown
Dropsy	6					
		1			l l	Pennie of Color 9
- ADDOUGHERAL						People of Color 2
a of Brain		2				From Municipal
of Brain Disease of Brain	1					
a of Brain	1	2				From Municipal
of Brain Disease of Brain	1 10	2	Of the above there were:	ı		From Municipal Hospital
of Brain Disease of Brain Heart Drowned	1 10 8	2 2	i		90	From Municipal Hospital
of Brain Disease of Brain Heart	1 10 8	2	Under 1 year		90 86	From Municipal Hospital
of Brain Disease of Brain Heart Drowned Dysentery Effusion of Brain	1 10 8 2 1	2 2 1	Under 1 year From 1 to 2	······	36	From Municipal Hospital
of Brain Disease of Brain Heart Drowned Effusion of Brain Emphysema of Lungs	1 10 8 2 1	2 2 1	Under 1 year From 1 to 2	·······	36 18	From Municipal Hospital
of Brain Disease of Brain Heart Drowned Dysentery Effusion of Brain Emphysema of Lungs Fatty Degen. of Heart	1 10 8 2 1 1	2 2 2 1	Under 1 year From 1 to 2	······	36 18 9	From Municipal Hospital
of Brain Disease of Brain Heart Drowned Dysentery Effusion of Brain Emphysema of Lungs Fatty Degen, of Heart Whole Body	1 10 8 2 1 1	2 2 1	Under 1 year		36 18 9 8	From Municipal Hospital
of Brain Disease of Brain Heart Dysentery Effusion of Brain Emphysema of Lungs Whole Body Fever, Puerperal	1 10 8 2 1 1 1	2 2 1 	Under 1 year		36 18 9 8 11	From Municipal Hospital
of Brain Disease of Brain Heart Drowned Dysentery Effusion of Brain Emphysema of Lungs Fatty Degen. of Heart Whole Body Fever, Puerperal	1 10 8 2 1 1 1 1	2 2 1 2	Under 1 year		36 18 9 8 11 36	From Municipal Hospital
of Brain Disease of Brain Heart Drowned Englishing of Brain Emphysema of Lungs Fatty Degen. of Heart Whole Body Fever, Puerperal Scarlet Typhoid	1 10 8 2 1 1 1 1 1	2 2 1 	Under 1 year From 1 to 2		36 18 9 8 11 36 87	From Municipal Hospital
of Brain Disease of Brain Heart Drowned Effusion of Brain Emphysema of Lungs Fatty Degen. of Heart Whole Body Fever, Puerperal Scarlet Typhoid Typhoid Gangrene of Leg	1 10 8 2 1 1 1 1 1 7	2 2 1 2	Under 1 year From 1 to 2		36 18 9 8 11 36	From Municipal Hospital
of Brain Disease of Brain Heart Drowned Enjusion of Brain Emphysema of Lungs Fatty Degen. of Heart Whole Body Fever, Puerperal Scarlet Typhoid	1 10 8 2 1 1 1 1 1 7	2 1 2 4	Under 1 year From 1 to 2 2 to 5 4 5 to 10 4 10 to 15 5 to 20 4 20 to 30 4 30 to 40 4 40 to 50 5 to 60		36 18 9 8 11 36 87	From Municipal Hospital
of Brain Disease of Brain Heart Drowned Effusion of Brain Emphysema of Lungs Fatty Degen. of Heart Whole Body Fever, Puerperal Scarlet Typhoid Typhoid Gangrene of Leg	1 10 8 2 1 1 1 1 1 1	2 1 2 4	Under 1 year From 1 to 2		36 18 9 8 11 36 37 26	From Municipal Hospital
of Brain Disease of Brain Heart Drowned Dysentery Effusion of Brain Emphysema of Lungs Whole Body Fever, Puerperal Scarlet Typhoid Gangrene of Leg Senile	1 10 8 2 1 1 1 1 1 1 1 1	2 1 2 4	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60		36 18 9 8 11 36 37 26 25 21	From Municipal Hospital
of Brain Disease of Brain Heart Drowned Dysentery Effusion of Brain Emphysema of Lungs " Whole Body Fever, Puerperal " Scarlet " Typhoid Gangrene of Leg " Senile	1 10 8 2 1 1 1 1 1 1 1 1 1 2	2 2 1 2 4	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60 " 70 to 80		36 18 9 8 11 36 37 26 25 21 33	From Municipal Hospital
of Brain Disease of Brain Heart Drowned Emphysema of Lungs Emphysema of Lungs Fatty Degen. of Heart Whole Body Fever, Puerperal Scarlet Typhoid Gangrene of Leg Senile Heart Clot Hemorrhage, Brain Bowels	1 10 8 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 2 4	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60 " 70 to 80 " 80 to 90		36 18 9 8 11 36 37 26 25 21 33 14	From Municipal Hospital
of Brain Disease of Brain Heart Drowned Dysentery Effusion of Brain Emphysema of Lungs Fatty Degen. of Heart Whole Body Fever, Puerperal Scarlet Typhoid Gangrene of Leg Senile Heart Clot Hemorrhage, Brain Bowels	1 10 8 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1	2 2 1 2 4	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60 " 70 to 80 " 80 to 90		36 18 9 8 11 36 37 26 25 21 33	From Municipal Hospital

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

WEEK ENDING SATURDAY, AUGUST 80, 1884.

RAIN.	ij	8	8	80.	8.	8.	17:	.00	8
HER.	11.07 P. M.	Clear.	Threat'g.	Clear.	Clear.	Hary.	Clear.	Cloudy.	
STATE OF WEATHER.	M. 8.07 P. M.	Clear.	Cloudy.	Clear.	Clear.	Cloudy.	Cloudy.	Clear.	
BTAT	7.07 A. M.	Clear.	Fatr.	Cloudy.	Clear.	Fatr.	Cloudy.	Cloudy.	
Fe	11.07 P. M.	21	84	•	-	•	10	•	
VELOCITY OF WIND.	8.07 P. M.	81	6	12	•	4	13	11	
N O	70.7 .M. A	13	7	10	=	•	6	64	
å0	11.07 M. A	zi	8 14	Calm.	년 82	년 80	øć	Celm.	
DIRECTION WIND.	8.07 F. M.	z	ಹ	S.W.	Calm.	ත්	ත්	8.W.	
DIR	70.7 .MA	z	Z E	œ	z	Calm.	, ad	øi	
EE	11.07 P. M.	8	72	28	22	16	28	22	
RELATIVE HUMIDITY.	8.07 P. M.	\$	\$	2	\$	25	8	22	
RE	70.7 .M .A	S	8	8	69	16	88	8	
	.a.'aiM	13	23	89	99	61	8	89	
gi	Max'm.	9,	74	7.9	83	8	92	88	
Тиввиомвтев.	Mean Daily Value.	67.3	63.9	72.4	72.8	70.5	78.6	74.8	70.6
TERM	11.07 70.11	19	8	7.	69	6	22	20	
F	8.07 P. M.	2	7	82	79	13	22	88	
	70.7 .M .A	8	13	2	67	2	2	. 3	
,	Mean Daily Value.	80.18	30.26	30.07	30.15	80.08	29.80	29.75	30.03
BAROMETER.	11.07 P.M.	80.26	30.23	80.08	30.17	30.01	29.78	29.78	
BARO	8.07 P. M.	80.10	30.24	30.01	80.12	30.07	29.78	29.72	
	7.07 A. M.	30.04	30.32	30.11	30.14	30.17	29.86	29.76	
Month and Day.	1884. AUGUST.	Sunday, 24,	Monday, 25,	Tuesday, 26,	Wed'sday, 27,	Thursday, 28,	Friday, 29,	Saturday, 80,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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Werk Ending Saturday, September 6, 1884.

Abscess of Brain	161 101 101 101 101 101 101 101 101 101
Ansemia	161 101 101 101 101 101 101 101 101 101
Inanition	10 18 18 11 10 10 10 10 10 10 10 10 10 10 10 10
Bright's Disease	18 4 1 10 5 5 2 8 8 8 7 8 18 16 20 17 8 16 16 19 27 1 11 1 17 1 17
## Breast	110 55 22 88 87 184 116 200 117 201 119 219 219 219 219 2116 2116 2116 211
Breast 5	10 5 5 2 8 8 3 7 18 4 18 1 12 1 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Carbuncle	. 55 28 37 18 . 18 . 16 . 20 . 17 8 . 16 . 20 . 19 . 20 . 19 . 18 . 16 . 16 . 17 . 18 . 16 . 16 . 17 . 18 . 18 . 18 . 18 . 18 . 18 . 18 . 18
Carbuncle	5 2 2 8 3 7 7 18 4 4 1 18 1 16 1 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Carebro-spinal Meningitis Cholers Infantum	3 7 7 18 4 16 16 17 18 16 17 18 16 17 18 16 17 18 16 17 18 16 17 18 17 18 17 18 17 18 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 18 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Cholers Infantum	3 7 7 18 4 16 16 17 18 16 17 18 16 17 18 16 17 18 16 17 18 16 17 18 17 18 17 18 17 18 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 18 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Cirrhosis of Liver	7 18 4 4 18 16 20 17 18 16 20 19 27 18 9 116 17
Congestion of Brain	18 16 20 17 8 16 20 19 27 18 9 11 16 17
" Liungs " 2 Congestive Chill	. 18 . 16 . 20 . 17 . 8 . 16 . 20 . 19 . 27 . 18 . 9 . 11 . 16
" Lungs 2 Softening of Brain 1 Eighteenth. Congestive Chill 1 Suicide, Hanging 2 Twentieth " Lungs 40 6 Shooting 1 Twenty-first " Lungs 40 6 Shooting 1 Twenty-first. Convulsions 1 Sunstroke 1 Twenty-forth Twenty-fourth Compression of Brain 1 Teething 1 Twenty-first. Twenty-fourth Twenty-first. Twenty-first. Twenty-first. Twenty-first. Twenty-sixth Twenty-eighth Twenty-eighth Twenty-eighth Twenty-eighth Twenty-eighth Twenty-eighth Thirtieth Thirtieth Thirtieth Thirty-first Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth Thirtieth	. 16 . 20 . 17 . 8 . 16 . 20 . 19 . 27 . 18 . 9 . 11 . 16
Congestive Chill	17 8 16 20 19 27 18 9 11 16
Consumption of Bowels	. 16 . 20 . 19 . 27 . 18 . 9 . 11 . 16
Lungs	. 16 20 19 27 . 27 . 18 . 9 . 11 . 16
Convulsions	20 19 27 18 9 11 16
Twenty-fifth Twenty-fifth Twenty-fifth Twenty-fifth Twenty-fifth Twenty-fifth Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Thirtieth Thirtieth Thirtieth Thirty-first Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system Twenty-system	27 18 9 11 16 17
Croup 7 Trismus Neonatorum 1 Twenty-sixth 1 Twenty-sixth Twenty-sevent 1 Twenty-sevent 1 Twenty-sevent 2 1 1 Unknown 1 1 Twenty-sighth Twenty-sighth Twenty-nirth Twenty-nirth Twenty-nirth Thirtieth Thirtieth Thirty-first Thirty-first Thirty-first Thirty-first Swunicipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal Hospi **Municipal	. 18 9 . 11 . 16 . 17
Cyanosis 6 Tumor, Abdominal 1 Twenty-eyent Debility 14 6 Unknown 1 Twenty-eighth Diabetes 2 Urgemia 1 Thirty-first Diaphtheria 1 1 Totals 196 190 Porpsy 2 Porpsy 2 Porpsy 2 Porpsy 2 Porpsy 2 Porpsy 2 Porpsy 2 Porpsy Porpsy 2 Porpsy Porpsy 2 Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy Porpsy </td <td>. 11 . 16 . 17</td>	. 11 . 16 . 17
Debility	. 16 . 17
Disbetes	. 17
Diarrhea	11
Diphtheris	
Diponeria	
" of Brain	,
# Heart	
Disease of Heart	. 276
Drowned 2 1 Foreign	. 100
Dysentery 2 Unknown	
Effusion of Brain 2 People of Color	. 18
<u>Empyema</u>	1
Epilepsy 1	1
Fatty Degen. of Heart 2	
Fever, Malarial	1
" Soarlet 4 Males	
" Typhoid 11 4 Of the above there were: Females	. 185
Gangrene of Leg 1 Under 1 year	. 105
" Senile 1 From 1 to 2 22 Girls	. 85
Hemorrhage, Lungs 2 " 2 to 5	
" Stomach 1 " 5 to 10	h.
Hernia	
Hooning Cough 4 " 15 to 20 19 Males	
Infla'mat'n, Brain	. 3
" Bronchi 1 " 30 to 40 36 Total	. 2
" Kidneys 8 " 40 to 50 25	
" Larynx 1 " 50 to 60 26 Still-Born.	
" Tiver 1 " 60 to 70 98	
u I I I I I I I I I I I I I I I I I I I	
Females	
	7 0
" Peritoneum. 2 " 80 to 90	0

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WERK ENDING SATURDAY, SEPTEMBER 6, 1884.

BAIM.	뎍	51.	8.	8	8	8	8	8	7
THER.	11.07 P.M	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	Clear	
STATE OF WEATHER.	7.07 A. M. 8.07 P. M. 11.07 P. M.	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	Fair.	
STAT	7.07 A. M.	Fair.	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	
ğ.e.	11.07 P. M.	∞	•	•	•	C4	•	•	
VELOCITY OF WIND.	8.07 P. M.	11	9	24	91	12	9	•	
A O	70.7 .M .A	•	~	•	۰	4	•	64	
1 OF	11.07 P. M.	N.W.	Calm.	ත්	B.W.	ත්	B.W.	``	
Dівестіон ор Wind.	8.07 P. M.	Ä	z.	ង	B.W.	ಹ	B.W.	S.W.	
DIB	70.7 .MA.	×	zi	Calm	ඟ්	œi	ග්	₩.	
M.	11.07 P. M.	1	8	92	22	8	25	28	
RELATIVE HUMIDITY.	3.07 P. M.	19	\$	7	8	3	\$	\$	
RE HU	70.7 M.A	8	8	8	8	91	25	76	
	Min'm.	8	19	62	8	8	29	22	
ě	Max'm.	8	11	18	88	84	28	92	
Thermometer.	Mean Daily Value.	71.4	69.4	70.8	78.0	7.97	77.7	80.0	78.9
IKBN	H.O7 P. M.	67	8	8	7.	23	55	92	
Ħ	3.07 P. M.	28	8	2	8	8	88	8	
	7.07 8.07 8.07 14.07 14.07	89	2	2	8	8	8	73	
	Mean Daily Value.	29.85	30.04	30,15	80.16	30.20	80.17	80.16	30.10
BAROMETER.	11.07 P. M.	29.92	30.09	30.15	30.18	30.21	80.15	30.02	
Вавол	8.07 P. M.	29.81	30.01	30.12	30.13	30.17	30.13	30.01	
	7.07 A. M.	29.81	80.08	80.17	80.18	8	27 28	80.13	
Month and Day.	1884. August.	Sunday, 81,	Monday, 1,	Tuesday, 2,	Wed'sday, 8,	Thursday, 4,	Friday, 5,	Saturday, 6,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

150 Week Ending Saturday, September 13, 1884.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN EAC WARD.	Ħ
Abecess		1	Infis'mat'n, Larynx		8	First	17
" of Hip			" Lungs		1	Second	· 21
Aneurism of Aorta			" Pericardium		l ī l	Third	12 7
Apoplexy	8	1	" Peritoneum.		i	Fifth	10
Asphyxia	1 -	ī	" S. & Bowels	1	8	Sixth	1
Asthma			Insanity	1 -		Seventh	17 18
Bright's Disease	6		Inanition	1	10	Ninth	4
Burns and Scalds	2		Intussusception			Tenth	18
Cancer	-		Jaundice		1	Eleventh	12
" of Breast	î		Marasmus		25	Twelfth Thirteenth	11
" Liver	i		Obstruction of Bowels		1	Fourteenth	5
	1 -			_	-	Fifteenth	24
- Tungs,	1 7		Old Age	1		Sixteenth Seventeenth	11 6
" Uvaries			Paralysis		1 1	Eighteenth	16
rectum,	1		Pyemia			Nineteenth	17
- Stomacu	2	•••••	Purpura Hemorrhagica		1 1	Twentieth Twenty-first	26 17
· · · · · · · · · · · · · · · · · · ·	10	•••••	Rheumatism of Heart	1	- 1	Twenty-second	12
Casualties			Septicæmia			Twenty-third	9
Cerebro-spinal Meningitis		5	Suicide, Rat Poison			Twenty-fourth Twenty-fifth	21 17
Cholera Infantum		38	Sunstroke	1		Twenty-sixth	16
" Morbus			Teething		2	Twenty-seventh.	21
Cirrhosis of Liver		•••••	Tetanus	ı	1	*Twenty-eighth	21
Congestion of Brain		12	Uræmia	2		Twenty-ninth Thirtieth	15 8
" Lungs		5	TOTALS	218	207	Thirty-first	21
Congestive Chill			201223			*Municipal Hospital	. 0.
	56	161		•	1 1		, ••
Consumption of Lungs	00	1 - 1					
Consumption of Lungs Convulsions	1	21			l		
	 .	21				Nativity ata	
Convulsions	1	21				Nativity, etc.	
Convulsions Compression of Brain	1	21					
Convulsions	1	21 7				United States	820
Convulsions	1 12	21 7 1				United States Foreign	96
Convulsions	1 12 8	21 7 1 6				United States Foreign Unknown	96 9
Convulsions	1 12 8	21 7 1 6 2				United States Foreign	96
Convulsions	1 12 8 	21 7 1 6 2 7				United States Foreign Unknown	96 9
Convulsions	1 12 8 1 2	21 7 1 6 2 7				United States Foreign Unknown	96 9
Convulsions	1 12 8 1 2 5	21 7 1 6 2 7				United States Foreign Unknown	96 9
Convulsions	1 12 8 1 2 5 2	21 7 1 6 2 71	Of the above there were			United States Foreign Unknown People of Color	96 9 15
Convulsions	1 12 8 1 2 5 2	21 7 1 6 2 71	1		111	United States	96 9 15 219
Convulsions	12 8 1 2 5 2 4	21 7 1 6 2 71	Under 1 year		111	United States	96 9 15 219 206
Convulsions	12 8 1 2 5 2 4 1	21 7 1 6 2 71	Under 1 year From 1 to 2	•••••	44	United States	96 9 15 219 206 112
Convulsions	1 12 8 1 2 5 2 4 1 1 1	21 7 1 6 2 71	Under 1 year From 1 to 2	•••••	44 11	United States	96 9 15 219 206
Convulsions	1 12 8 1 2 5 2 4 1 1 5	21 7 1 6 2 71	Under 1 year	•••••	44 11 18	United States	96 9 15 219 206 112 95
Convulsions	1 12 8 1 2 5 2 4 1 1 5 1	21 7 1 6 2 7 1 1 1	Under 1 year From 1 to 2	•••••	11 18 14	United States	96 9 15 219 206 112 95
Convulsions Compression of Brain Croup Croup Cyanosis Debility Diarrhea Diphtheria Diphtheria Of Heart Kidneys Liver Drowned Dysentery Erysipelas Fatty Degen. of Heart Ferer, Bilious Puerperal	1 12 8 1 2 5 2 4 1 1 1 5 1 2 2	21 7 1 6 2 71	Under 1 year		11 18 14 9	United States	96 9 15 219 206 112 95
Convulsions Compression of Brain Croup Croup Cyanosis Debility Diarrhœa Diphtheria Dropsy " of Heart " Kidneys " Liver Drowned Dysentery Erysipelas Fatty Degen, of Heart Fever, Bilious " Puerperal " Remittent	12 8 1 2 5 2 4 1 1 5 1 1 2 1	21 7 1 6 2 7 1 1 1	Under 1 year		44 11 18 14 9 49	United States	96 9 15 219 206 112 95
Convulsions Compression of Brain Croup Cyanosis Debility Diarrhœa Diphtheria Dropsy " of Heart " Kidneys " Liver Drowned Drowned Drysentery Erysipelas Fatty Degen. of Heart Fetty Degen. of Heart " Puerperal " Remittent " Typhoid	1 12 8 1 2 5 2 4 1 1 1 5 1 1 2 1 1 16	21 7 1 6 2 7 1 1 1 	Under 1 year		11 18 14 9 49	United States	96 9 15 219 206 112 95
Convulsions	12 8 1 2 5 2 4 1 1 5 1 2 1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1	21 7 1 6 2 7 1 1 1 1 7	Under 1 year	•••••	11 18 14 9 49 49 88	United States	96 9 15 219 206 112 95
Convulsions Compression of Brain Croup Croup Cyanosis Debility Diarrhea Diphtheria Dropsy " of Heart " Kidneys " Liver Drowned Dysentery Erysipelas Fatty Degen. of Heart Fever, Bilious " Puerperal " Remittent " Typhoid Hemorrhage, Lungs " Stomach "	12 8 1 2 5 2 4 1 1 5 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	21 7 1 6 2 7 1 1 1 1 7	Under 1 year		44 11 18 14 9 49 49 49 88 24	United States	96 9 15 219 206 112 95
Convulsions Compression of Brain Croup Cyanosis Debility Diarrhea Diphtheria Dropsy " of Heart Disease of Heart " Kidneys " Liver Drowned Drowned Dysentery Erysipelas Fatty Degen, of Heart Fever, Bilious " Puerperal " Remittent " Typhoid Hemorrhage, Lungs " Stomach Hooping-cough	12 8 1 2 5 2 4 1 1 5 1 2 1 16 1 1	21 7 1 6 2 7 1 1 1 1 7	Under 1 year		44 11 18 14 9 49 49 88 24 19	United States	96 9 15 219 206 112 95
Convulsions Compression of Brain Croup Cyanosis Debility Diarrhea Diphtheria Dropsy " of Heart " Kidneys " Liver Drowned Drowned Dysentery Erysipelas Fatty Degen. of Heart Fever, Bilious " Puerperal " Typhoid Hemorrhage, Lungs " Stomach Hooping-cough Infla'mat'n, Brain	1 2 8 1 2 5 2 4 1 1 1 1 5 1 2 1 1 1 6 1 1 1 4	21 7 1 6 2 7 1 1 1 1 7	Under 1 year		44 11 18 14 9 49 49 49 88 24 19 24	United States	96 9 15 219 206 112 95
Convulsions Compression of Brain Croup Croup Debility Diarrhœa Diphtheria Dropsy " of Heart " Kidneys " Liver Drowned Dysentery Erysipelas Fatty Degen, of Heart " Puerperal " Remittent " Typhoid Hemorrhage, Lungs " Stomach Hooping-cough " Bronchl " Bronchl	1 2 8 1 2 5 2 4 1 1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1	21 7 1 6 2 7 1 1 1 1 7	Under 1 year		44 11 18 14 9 49 49 88 24 19 24 11	United States	96 9 15 219 206 112 95
Convulsions Compression of Brain Croup Cyanosis Debility Diarrhea Diphtheria Dropsy " of Heart " Kidneys " Liver Drowned Drowned Dysentery Erysipelas Fatty Degen. of Heart Fever, Bilious " Puerperal " Typhoid Hemorrhage, Lungs " Stomach Hooping-cough Infla'mat'n, Brain	1 2 8 1 2 5 2 4 1 1 1 1 6 1 1 1 1	21 7 1 6 2 7 1 1 1 1 7	Under 1 year		44 11 18 14 9 49 49 49 88 24 19 24	United States	96 9 15 219 206 112 95 8 8

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

WEEK ENDING SATURDAY, SEPTEMBER 13, 1884.

RAIM.	ġ		8	8	8.	8.	8.	8. 	8
HEE.	11.07 P. M.	Clear.	Clear.	Clear.	Clear.	Fair.	Clear.	Clear.	
STATE OF WEATHER	8.07 P. M. 11.07 P. M	Clear.	Clear.	Fair.	Clear.	Clear.	Fair.	Fair.	
BIAT	7.07 A. M. 8	Clear.	Clear.	Clear.	Clear.	Fair.	Cloudy.	Clear.	
Ed	11.07 P. M.	4		2	•	*	13	7	
VELOCITY OF WIND.	8.07 P. M.	4	2	6	=	23	9	18	
A O	70.7 .MA	•	10	7	æ	•	19	•	
i o	11.07 P. M.	ಹ	τκά	æ	øć	ත්	zi	zi.	
DIRECTION WIND.	8.07 P. M.	zć	ಹ	œi		ಪ	zi	zi	
DIR	70.7 .M .A	zć	z ć	κά	ත්	8.W.	zi	zi	
T.	11.07 P. M.	78	78	11	92	8	28	8	
RELATIVE HUMIDITY.	8.07 P. M.	82	47	42	93	47	22	87	
HUB	70.7 .MA	92	16	88	8	8	28	2	
	.a.'aiM	88	69	72	55	2	2	18	
e e	Max'm.	8	8	<u> </u>	6	8	78	2	
Тневмометев	Mean Daily Value.	77.8	78.8	82.6	81.0	79.1	6.89	61.8	7.67
HERM	11.07 P. M.	85	3	79	4	4	2	18	<u> i_</u>
A	70.8 P. M.	8	88	88	8	8,	26	<u>8</u>	
	70.7 .M .A	69	2	7.	22	78	\$. 28	
	Mean Daily Value.	30.02	80.01	80.08	30.05	30.01	30.15	30.83	80.04
BAROMETER.	11.07 P. M.	80.04	30.01	30.07	30.04	30.02	30.21	30.41	
BAROI	8.07 P. M.	29.98	29.97	29.99	80.08	29.95	80.12	30.27	
	7.07 A. M.	80.08	30.0g	30.04	80.09	80.05	30.11	30.30	
Day.	BER.	7,	eć	6	10,	11,	12,	13,	
Month and Day	1884. SEPTEMBER	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

152 Week Ending Saturday, September 20, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS	CAUSES OF DEATH.	ADULTS	MINORS.	DEATHS IN EAC WARD.	H
Abscess of Lung	1		Infis'mat'n, Kidneys	1		First	29
Anemia	1	1	· " Liver	1		Second	9
Angurism of Aorta	1		" Lungs	1	4	Third Fourth	9664396273
Apoplexy	8	1	" Pericardium	1		Fifth	4
Asphyxia		1	" Peritoneum.	2	1	Sixth	8
Asthma		1	" S. & Bowels	ī	8	Sevenin	9
Boil	1		Insanity	ī		Eighth Ninth	2
Bright's Disease					14	Tenth	7
Burns and Scalds		8	Jaundice	1		Eleventh Twelfth	8
Cancer of Kidney	_		Laryngismus Stridulus		1	Thirteenth	6
" Liver			Malformation		2	Fourteenth	12
* Neck	ī		Marasmus		25	Fifteenth	20 9
Rectum	- 1		Old Age			Sixteenth Seventeenth	11
# Stomach			Paralysia,	7		Eighteenth	11
" Uterus	2		Purpura		1	Nineteenth	22
	4		Rheumatism of Heart		1	Twentieth	9 12
Casnelties	- 1	2	Softening of Brain		- 1	Twenty-second	14
Corobro-spinal Meningitis		18		4	•••••	Twenty-third	10
Cholera Infantum			Suffocation	2		Twenty-fourth	20 22
- MUIDUB			Suicide, Drowning	1	••••••	Twenty-sixth	18
Congestion of Brain		2	" Shooting	1	··· <u>·</u> -·	Twenty-seventh.	19
" Lungs		1	Sunstroke	9	2	*Twenty-eighth	13
Consumption of Bowels	2	•••••	Tabes Mesenterica		1	Twenty-ninth Thirtieth	11 3
" Lungs	32	6	Tetanus		1	Thirty-first	9
Convulsions		16	Ulceration of Bowels	1	1		
" Puerperal	1			170	167	*Municipal Hospital	, u.
Croup		7	Totals	172	701		
Cyanosis		3	•				
Debility	6	4		- 1		Nativity, etc.	
Diabetes				- 1		United States	246
Diarrhœa	- 1			- 1	- 1	1	
Diphtheria		8				Foreign	89
Dropsy of Brain		2		- 1	- 1	Unknown	4
" Heart				. 1	J	People of Color	18
Disease of Heart		1		- 1	1	i i	
Drowned		1		1	- 1	1	
DIOM 11601**********************************		*****		- 1		į l	ı
				- 1	ı	1,,	
Dysentery	8					Males	178
Dysentery Dyspepsia		1	Of the above there were	. 1		Females	
Dysentery Dyspepsia Enlargement of Heart	 1		Of the above there were				161
Dysentery Dyspepsia Enlargement of Heart Liver	1 1		Under 1 year		89	Boys	89
Dysentery Dyspepsia Enlargement of Heart Liver Spilepsy	1 1	1	Under 1 year From 1 to 2		14		
Dysentery	1 1 1	1 4	Under 1 year From 1 to 2		14 30	BoysGirls	89 78
Dysentery Dyspepsia Enlargement of Heart Liver Epilepsy	1 1 1	1	Under 1 year		14 30 13	Boys	89 78
Dysentery	1 1 1 1 12 1	1 4	Under 1 year		14 30 13 8	Girls	89 78
Dysentery	1 1 1 1 12 1	1 4	Under 1 year		14 30 13	Boys Girls Premature Birth	89 78
Dysentery	1 1 1 12 12	1 4 5	Under 1 year		14 30 13 8	Girls	89 78
Dysentery	1 1 1 12 1 1 1	1 4 5	Under 1 year		14 30 13 8 13	Premature Birth Males Females	89 78
Dysentery	1 1 12 1 1 1 1	1 4 5	Under 1 year		14 30 13 8 13 88	Boys Girls Premature Birth	89 78
Dysentery Dyspepsia Enlargement of Heart Liver Epilepsy Fever, Scarlet Typhoid Gout Gout Heart Clot Hemorrhage, Lungs Uterus	1 1 12 12 1 1 1	1 4 5	Under 1 year From 1 to 2		14 30 13 8 13 88 29	Premature Birth Males Females	89 78
Dysentery Dysepeda Enlargement of Heart " Liver Epilepsy Fever, Scarlet " Typhoid Gout Gangrene, Senile Hemorrhage, Lunge " Uterus Hooping Cough	1 1 12 1 1 1 1	1 4 5	Under 1 year From 1 to 2 2 to 5 5 to 10 10 to 15 20 to 30 30 to 40 40 to 50 50 to 60		14 30 13 8 13 88 29 25	Boys	89 78
Dysentery Dysepeda. Enlargement of Heart " Liver Epilepsy Fever, Scarlet " Typhoid Gout Gangrene, Senile Heart Clot Hemorrhage, Lungs " Uterus Hooping Cough Hypertrophy of Heart	1 1 1 12 1 1 1 1	1 4 5	Under 1 year From 1 to 2 2 to 5 5 to 10 10 to 15 20 to 30 30 to 40 40 to 50 50 to 60 60 to 70		14 30 13 8 13 88 29 25 22 26	Boys	89 78
Dysentery Dysepeda. Enlargement of Heart " Liver Epilepsy Fever, Scarlet " Typhoid Gout Gangrene, Senile Heart Clot Hemorrhage, Lungs " Uterus Hooping Cough Hypertrophy of Heart " Liver	1 1 12 12 1 1 1 1 1	1 4 1	Under 1 year From 1 to 2		14 30 13 8 13 88 29 25 22 26 22	Boys	89 78
Dysentery Dysepeda. Enlargement of Heart " Liver Epilepsy Fever, Scarlet " Typhoid Gout Gangrene, Senile Heart Clot Hemorrhage, Lungs " Uterus Hooping Cough Hypertrophy of Heart	1 1 12 12 1 1 1 1 1	1 4 5	Under 1 year From 1 to 2		14 30 13 8 13 88 29 25 22 26	Boys	89 78 8 8 8 6

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, SEPTEMBER 20, 1884. DURING THE

BAIN.	r i	<u> </u>	ş.	8. 	8	<u>8</u>	8	8.	8 :
THER.	11.07 P.	Clear.	Clear.	Cloudy.	Clear.	Clear.	Clear.	Clear.	
STATE OF WEATHER.	8.07 P. M. 11.07 P. M.	Clear.	Clear.	Clear.	Fair.	Cloudy.	Clear.	Cloudy.	
STAT	7.07 A. M.	Clear.	Clear.	Clear.	Fair.	Cloudy.	Clear.	Cloudy.	
E é	11.07 P. M.	10	27	16	**	16	4	=	
VELOCITY OF WIND.	8.07 P. M.	•	=	22	7	16	4	00	/
Ž 0	70.7 .MA.	83	•	=	•	=	2	*	
M OF	11.07 T. M.	øź	ගේ	zó	ත්	N.W.	ත්	Ä	
DIRECTION WIND.	8.07 F. M.	N.W.	øå	zć	œ	zi	¥.	N.W.	
ρ	70.7 JM .A	X.E	G. Fin.	øć -	ක්	N.W.	zi	B.W.	.
EE	11.07 P. M.	2	2	11	79	8	25	29	
RELATIVE HUMIDITY.	8.07 P. M.	8	8	8	- 19	\$	4	\$	
品質	70.7 .MA.	8	Z	8	28	8	7	88	
	.ar'aiM	\$	8	22	3	8	22	22	
ei	Max'm.	- 64	7	8	5	2	2	4	
Тиквиометев	Mean Daily Value.	56.8	8	68.7	72.9	65.0	60.7	65.7	87.7
HEE	11.07 P. M.	- 38	8	67	7	8	8	5	
H	8.07 P. M.		2	79	٤	8	8	28	
	70.7 JM .A.	8	22	8	67	- 64	\$	8	
	Mean Daily Value.	30.44	30.30	29.98	29.80	80.00	86.88	30.15	30.18
BAROMETER.	11.07 P. M.	30.40	30.23	29.91	29.78	30.17	30.25	30.21	
BAROI	8.07 P. M.	30.41	30.28	29.91	29.75	29.97	80.23	30.05	
	7.07 A. M.	30.50	30.38	30.18	29.87	29.86	30.27	30.18	
Day.	SER.	14,	15,	16,	17,	18,	19,	8	
Month and Day	1884 SEPTEMBER	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

154
Week Ending Saturday, September 27, 1884.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH,	ADULTS	MINORS	DEATHS IN RACE WARD.	E
Abscess of Brain		1	Infla'mat'n, S. & Bowels		7	First	21
Alcoholism	2		Insanity	1		Second Third	11 11
Apoplexy	2		Inanition		14	Fourth	11
Asthma	1		Intussusception	1		Fifth	11 7 5
Bright's Disease	3	3	Jaundice		2	Sixth	15
Burns and Scalds	1		Mania-a-Potu	1		Eighth	15 7 3 5 8
Cancer of Breast	2		Marasmus		20	Ninth	3
" Stomach	2		Old Age	14		Tenth Eleventh	5
" Uterus	1		Ossification of Heart	1		Tweifth	4
Caries of Spine		1	Paralysis	11		Thirteenth	5
Casualties	6	1	Rheumatism	1		Fourteenth	5 8 13 7
Cerebro-spinal Meningitis		8	Septicæmia	1	1	Sixteenth	7
Child-birth	1	l	Small-pox	1		Seventeenth	4
Cholera Infantum		21	Softening of Brain	1		Eighteenth Nineteenth	2 20
Cirrhosis of Liver			Suffocation		2	Twentieth	18
Congestive Chill		1	Suicide, Cutting Throat	1		Twenty-first	8
Congestion of Brain		5	" Laudanum	1		Twenty-second	.4
" Lungs	1	1	Sunstroke	1		Twenty-third Twenty-fourth	11 19
" Bowels	l	1	Suppression of Urine	1		Twenty-fifth	14
Consumption of Bowels			Teething		1	Twenty-sixth	28
" Lungs	1	6	Tetanus	1	i	Twenty-seventh. *Twenty-eighth Twenty-ninth	17 12
Convulsions	1	9	Trismus Nascentium		1	Twenty-ninth	12
Croup	, -	12	Tumor of Uterus	1		Inirtieth	14
Cyanosis	1	2	" Ovarian	il		Thirty-first	11
Debility	7	2	,		1	•Municipal Hospital,	, 1.
Diabetes	i	- 1					
1/1100c/cg			TOTALS	173	157		
Diarrhme	1	1 1	I UI ALD	*"	20.		
	1	16	101118	_	=	Nativity, etc.	
Diarrhea		16			=	Nativity, etc.	_
Diphtheria Disease of Brain	2		-		=	Nativity, etc. United States	243
Diphtheria Disease of Brain " Heart	2 9	16 1				i	243 77
Diphtheria Disease of Brain " Heart " Lung	2 9 1	16 1 				United States	
Diphtheria	2 9 1 2	16 1 1				United States Foreign	77
Diphtheria. Disease of Brain	2 9 1 2	16 1 				United States Foreign Unknown	77 10
Diphtheria Disease of Brain " Heart " Lung Drowned Dysentery Dyspepsia	2 9 1 2 1	16 1 1				United States Foreign Unknown People of Color	77 10
Diphtheria Disease of Brain	2 9 1 2 1 1	16 1 1				United States Foreign Unknown People of Color From Municipal	77 10 21
Diphtheria Disease of Brain	2 9 1 2 1 1 1	1				United States Foreign Unknown People of Color From Municipal Hospital	77 10 21 1
Diphtheria. Disease of Brain Heart Lung Drowned Dysentery Dyspepsia. Enlargement of Heart Emphysema. Epilepsy	2 9 1 2 1 1 1 1	16 1 1		-		United States Foreign Unknown People of Color From Municipal Hospital	77 10 21 1
Diphtheria. Disease of Brain	2 9 1 2 1 1 1 1 2	16 1	Of the above there were:			United States Foreign Unknown People of Color From Municipal Hospital Males	77 10 21 1 159 171
Diphtheria. Disease of Brain	2 9 1 2 1 1 1 1 2	16 1 1 1 2	Of the above there were: Under 1 year		77	United States Foreign Unknown People of Color From Municipal Hospital Males Females Boys	77 10 21 1 159 171 82
Diphtheria. Disease of Brain	2 9 1 2 1 1 1 2 	16 1	Of the above there were: Under 1 yearFrom: 1 to 2		77 27	United States Foreign Unknown People of Color From Municipal Hospital Males	77 10 21 1 159 171
Diphtheria. Disease of Brain Heart Lung Drowned Dysentery Dysepsia. Enlargement of Heart Emphysema. Epilepsy Fever, Gastric. Scarlet. Typhoid Fracture of Thigh	2 9 1 2 1 1 1 2 6	16 1 1 1 2 4	Of the above there were: Under 1 year From 1 to 2 " 2 to 5		77	United States Foreign	77 10 21 1 159 171 82 75
Diphtheria. Disease of Brain " Heart " Lung Drowned Dysentery Dyspepsia Enlargement of Heart Emphysema Epilepsy Fever, Gastric " Scarlet " Typhoid Fracture of Thigh Hemorrhage, Brain	2 9 1 2 1 1 1 2 6 1 2	16 1 1 1 2	Of the above there were: Under 1 year		77 27	United States Foreign Unknown People of Color From Municipal Hospital Males Females Boys	77 10 21 1 159 171 82 75
Diphtheria. Disease of Brain	2 9 1 2 1 1 1 1 2 6 1 2 2 2	16 1 1 1 2 4	Of the above there were: Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15		77 27 21	United States Foreign	77 10 21 1 159 171 82 75
Diphtheria. Disease of Brain	2 9 1 2 1 1 1 1 2 6 1 2 2 1	16 1 1 1 2 4	Of the above there were: Under 1 year		77 27 21 13	United States Foreign	77 10 21 1 159 171 82 75
Diphtheria. Disease of Brain " Heart " Lung Drowned Dysentery Dysepeja. Enlargement of Heart Emphysema. Epilepsy Fever, Gastric. " Scarlet " Typhoid Fracture of Thigh Hemorrhage, Brain " Lungs " Internal Homicide	2 9 1 2 1 1 1 1 2 6 1 2 2 1 1	16 1 1 1 2 4	Of the above there were: Under 1 year From: 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30		77 27 21 13 6	United States	777 10 21 1 159 171 82 75
Diphtheria. Disease of Brain " Heart " Lung Drowned Dysentery Dyspepsia. Enlargement of Heart " Scarlet " Scarlet " Typhoid Fracture of Thigh Hemorrhage, Brain " Lungs. " Internal Homicide. Hooping-cough	2 9 1 2 1 1 1 1 2 6 1 2 2 1 1	16 1 1 1 2 4	Of the above there were: Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40		77 27 21 13 6 13 22 36	United States Foreign	77 10 21 1 159 171 82 75
Diphtheria. Disease of Brain. " Heart	2 9 1 2 1 1 1 1 2 6 1 2 2 1 1 1	16 1 1 1 2 4	Of the above there were: Under 1 year From 1 to 2		77 27 21 13 6 13 22	United States	777 10 21 1 159 171 82 75
Diphtheria. Disease of Brain. " Heart. " Lung Drowned Dysentery Dyspepsia Enlargement of Heart Emphysema Epplepsy Fever, Gastric " Scarlet " Typhoid Fracture of Thigh Hemorrhage, Brain " Lungs " Lungs " Internal Hooping-cough Hypertrophy of Heart Inia'mat'n, Brain	2 9 1 2 1 1 1 1 2 6 1 2 2 1 1 1	16 1 1 1 2 4	Of the above there were: Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60		777 27 21 13 66 13 22 36 29 22	United States	777 10 21 1 159 171 82 75
Diphtheria. Disease of Brain " Heart " Lung Drowned Dysentery Dyspepsia Enlargement of Heart " Scarlet " Scarlet " Typhoid Fracture of Thigh Hemorrhage, Brain " Lungs " Internal Homicide Hooping-cough Hypertrophy of Heart " Bronchi " Bronchi	2 9 1 2 1 1 1 1 2 6 1 2 2 1 1 1	16 1 1 1 2 4	Of the above there were: Under 1 year		77 27 21 13 6 13 22 36 29	United States Foreign	777 10 21 1 159 171 82 75 1 1 8
Diphtheria. Disease of Brain. " Heart. " Lung Drowned Dysentery Dyspepsia Enlargement of Heart Emphysema Epplepsy Fever, Gastric " Scarlet " Typhoid Fracture of Thigh Hemorrhage, Brain " Lungs " Internal Hooping-cough Hypertrophy of Heart Inia'mat'n, Brain	2 9 1 2 1 1 1 1 2 6 1 2 2 1 1 1	16 1 1 1 2 4 4	Of the above there were: Under 1 year		777 27 21 13 66 13 22 36 29 22	United States	777 100 211 1 1599 1711 822 75 1 1 8 8 18
Diphtheria. Disease of Brain " Heart " Lung Drowned Dysentery Dyspepsia Enlargement of Heart " Scarlet " Scarlet " Typhoid Fracture of Thigh Hemorrhage, Brain " Lungs " Internal Homicide Hooping-cough Hypertrophy of Heart " Bronchi " Bronchi	2 9 1 2 1 1 1 1 2 6 1 2 2 1 1 5	16 1 1 1 2 4 4	Of the above there were: Under 1 year		777 27 21 13 6 13 22 36 29 22 24	United States Foreign	777 10 21 1 159 171 82 75 1 1 8

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, SEPTEMBER 27, 1884. DURING THE

RAIM.	ij	8.	8	8	8.	8.	8	8.	8.
THEB.	M. 3.07 P. M. 11.07 P. M.	Clear.	Fair.	Foggy.	Clear.	Clear.	Clear.	Cloudy.	
STATE OF WEATHER.	3.07 P. M.	Clear.	Cloudy.	Clear.	Cloudy.	Cloudy.	Clear.	Fair.	
BTAT	7.07 A. M.	Clear.	Cloudy.	Clear.	Clear.	Cloudy.	Fair.	Clear.	
Ĭ.	11.07 F. M.	9	9	2	6	2	64		
VELOCITY OF WIND.	8.07 P. M.	9	9	4	12	12	ø	#	
N O	70.7 .M.A	•	61	9	e	12	92	. *	
#0 z	11.07 P. M.	χú	κά	ផ	κά	zi	ម្ន	ಬೆ	
DIRECTION WIND.	3.07 P. M.	ह्य	න්	8. E	σά	N.W.	Z E	ಬೆ	
Ä	70.7 .M .A	zi	Ø	ಚ	κά	κά	z	N.E.	
TY.	11.07 P. M. 9	18	28	92	28	69	77	8	
RELATIVE HUMIDITY.	8.07 P. M.	8	2	51	2	8	3	\$	
HE	70.7 .MA	22	8	8	88	8	72	8	
	Min'm.	120	123	62	8	8	22	22	
e e	Max'm.	2	4	83	23	88	7.5	74	
THERMOMETER.	Mean Daily Value.	69.9	67.5	71.0	72.8	71.5	63.9	65.3	67.4
HER	11.07 P. M.	22	89	99	2	18	28	8	
H	8.07 M. A		92	8	8	- 28	22	22	
	70.7 .M.A		22	65	8	11	22	26	
	Mean Daily Value.	30.23	30.04	80.05	30.10	30.15	30.37	30.19	30.16
BAROMETER.	11.07 P. M.	30.20	29.99	30.12	30.10	30.25	30.37	30.07	
BARO	3.07 P. M.	30.21	29.99	30.01	30.09	80.10	30.36	30.16	
	7.07 A. M.	80.23	30.15	30.01	30.13	80.11	30.38	30.34	
Month and Day.	1884. SEPTEMBER.	Sunday, 21,	Monday, 22,	Tuesday, 23,	Wed'sday, 24,	Thursday, 25,	Friday, 26,	Saturday, 27,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

156
Week Ending Saturday, October 4, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH,	ADULTS.	MINORS.	DEATHS IN EACH WARD.
Abscess of Liver	1		Infla'mat'n, Kidneys	6 .		First 2
" Lung		1			1	Second 1
Alcoholism	1		" Liver	2	1	Third 1
Anemia	î		« Lungs	5	7	Fourth 1
Aneurism of Aorta	1		" Peritoneum.	i.	- 1	Sixth
	-	1	" S. & Bowels	4	8	Seventh 1
Apoplexy	10		D. G. DOWels	- 1	- 1	Eighth Ninth
Asthma	1		Inanition		8	Ninth Tenth
Bright's Disease	6		Malformation		1	Eleventh
Cancer		·····	Marasmus	- 1	25	Twelfth 1
" of Breast	2		Murder	1 .		Thirteenth 1 Fourteenth
" Liver	2		Neuralgia of Heart	1 .		Fifteenth 1
" Lungs	1		Obstruction of Bowels	1 .		Sixteenth
" Ovaries	1		Old Age	. 1		Seventeenth 1
" Stomach	2	 	Paralysis	8	1	Eighteenth 1
" Uterus	1		1		ī	Nineteenth 1 Twentieth 1
Casualties	1	1	Purpura Hemorrhagica			Twenty-first 1
Cerebro-spinal Meningitis		4	Pyæmia	i i	2	Twenty-second 1
				- 1	- 1	Twenty-third 1
Cholera Infantum		15	Syphilis	- 1	1	Twenty-fourth 2 Twenty-fifth 2
" Morbus		·····	Tetanus		•••••	Twenty-sixth 1
Cirrhosis of Liver	_		" Traumatic			Twenty-seventh.
Collapse of Lung	 	1	Trismus Nascentium		1	Twenty-seventh. *Twenty-eighth Twenty-ninth
Congestion of Brain	4	4	Tumor, Ovarian	1 .		Twenty-ninth 1
" Lungs	1	1	Ulceration of Bowels	1 .		Thirtieth Thirty-first
Consumption of Bowels	1	ll	Uræmia	_		
" Lungs	_	8		-		*Municipal Hospital, 0.
Convulsions		21	TOTALS1	173 1	174	
		1	=	<u></u> -	=	
Croup	 .	9	=	=	_	Nativity, etc.
Croup Cyanosis		9 2	 	=		Nativity, etc.
Croup Cyanosis Debility	10	9	l=			Nativity, etc. United States 27
Croup	10 1	9 2 8	\ 			
Croup	10 1 1	9 2 8 1	l=			United States 27
Croup	10 1 1	9 2 8	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			United States 27 Foreign 7 Unknown
Croup	10 1 1 1	9 2 8 1	\			United States 27 Foreign 7 Unknown
Croup	10 1 1 1	9 2 8 1 12	\			United States 27 Foreign 7 Unknown
Croup	10 1 1 2	9 2 8 1 12	\			United States 27 Foreign 7 Unknown
Croup	10 1 1 2	9 2 8 1 12	\			United States 27 Foreign 7 Unknown
Croup	10 1 1 1 2	9 2 8 1 12 4	\			United States 27 Foreign 7 Unknown People of Color 1
Croup	10 1 1 1 2 1 2 10	9 2 8 1 12	Of the above there were:			United States
Croup	10 1 1 1 2 1 2 10 1	9 2 8 1 12 4	Of the above there were:	- 1	94	United States
Croup	10 1 1 2 1 2 10 1	9 2 3 1 12 4 2	Under 1 year		94	United States 27 Foreign 7 Unknown
Croup	10 1 1 1 2 10 1 2 10 1	9 2 3 1 12 4 2	Under 1 yearFrom 1 to 2		27	United States
Croup	10 1 1 1 2 10 1 1	2 8 1 12 2 1 1	Under 1 year From 1 to 2		27 16	United States
Croup	10 1 1 1 2 10 1 2 10 1	9 2 3 1 12 4 2	Under 1 year		27 16 18	United States 27 Foreign 7 Unknown
Croup	10 1 1 1 2 10 1 2 10 1	2 8 1 12 2 1 1	Under 1 year		27 16	United States
Croup	10 1 1 1 2 10 1 1 2 10 1	9 2 8 1 12 2 2 1 1 1	Under 1 year		27 16 18	United States
Croup	10 1 1 1 2 10 1 1 2 10 1	9 2 8 1 12 2 1 1 1	Under 1 year		27 16 18 10	United States
Croup	10 1 1 1 2 10 1 1 2 10 1	9 2 8 4 2 1 1 1 1 1 1 1 3	Under 1 year		27 16 18 10 9	United States
Croup	10 1 1 1 2 10 1 2 10 1 1	9 2 8 1 12 2 1 1 1 1 1 3 5 1	Under 1 year		27 16 18 10 9 34 28	United States
Croup	10 1 1 2 10 1 2 10 1 2 1 1 15 1 2	9 2 3 3 1 12 2 1 1 1 1 1 3 5	Under 1 year		27 16 18 10 9 34 28 28	United States
Croup	10 1 1 2 10 1 2 10 1 2 1 1 15 1 2	9 2 8 1 12 2 1 1 1 1 1 3 5 1	Under 1 year		27 16 18 10 9 34 28 28 22	United States
Croup	10 11 1 2 10 1 2 10 1 2 1 15 1 2 1	9 2 8 1 12 2 1 1 1 1 1 1 3 5 1	Under 1 year		27 16 18 10 9 34 28 28 22 24	United States
Croup	10 11 1 2 10 1 2 10 1 2 1 1 2 1 1 1 2 1 1 1 1 1 1 1	9 2 3 3 1 12 2 1 1 1 1 1 1 3 5 1	Under 1 year		27 16 18 10 9 34 28 28 22 24 29	United States
Croup	10 11 1 2 10 1 2 10 1 2 1 1 2 1 1 1 2 1 1 1 1 1 1 1	9 2 8 1 12 2 1 1 1 1 1 1 3 5 1	Under 1 year		27 16 18 10 9 34 28 28 22 24	United States

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, OCTOBER 4, 1884. DURING THE

HAIM.	ij	Si	<u>e</u> .	91.	<u> </u>		8.	8	1	
THER.	11.07 P.M.	Cloudy.	Cloudy.	Fair.	Clear.	Lt. Rain.	Lt. Rain.	Cloudy.		
STATE OF WEATHER.	7.07 A. M. 8.07 P. M. 11.07 P. M.	Fair.	Fair.	Cloudy.	Fair.	Lt. Rain.	Cloudy.	Clear,		
STAT!	7.07 A. M.	Cloudy.	Fair.	Cloudy.	Fair.	Cloudy.	Lt. Rain.	Foggy.		
ře	11.07 P. M.	15	-	80	61	12	81	9		
VELOCITY OF WIND.	3.07 P. M.	91	Ħ	00	80	15	4	12		
V W	70.7 .M. A	60	9	64	*	12	7	10		
a O	11.07 Mq.	ಜೆ	8 E	छ अ	z	z	Ø	so:		
DIRECTION WIND.	8.07 P. M.	øå .	N.W.	8. E	zi	N.E.	ഥ	N.W.		
DIR	70.7 .MA	ಹ	₩.	N.E	z	X A	N.E	₩.		
YE IY.	11.07 P. M.	8	8	2	28	91	100	83	1	
RELATIVE HUMIDITY.	8.07 P. M.	器	20	91	59	91	87	51		
HE	70.7 .M. A	8	\$	25	8	62	96	8		
	.m'niM	28	8	29	64	22	6	88		
e e	Max'm.	88	2	74	88	75	3	8	1	
THERMOMETER.	Mean Daily Value,	75.0	75.1	69.5	75.6	67.1	57.1	72.8		68.9
HERN	11.07 TO.11	26	55	92	75	28	28	73		
Ē	3.07 P. M.		81	20	82	\$	8	8		
	70.7 .M. A	8	٤.	8	8	8	22	62		
	Mean Daily Value.	29.89	30.02	30.14	30.19	30.32	30.27	30 01		30.12
(BTER.	11.07 P. M.	29.80	30.10	30.13	30.20	30.34	30.19	29.93		
BAROMETER.	8.07 P. M.	29.87	30.01	30.13	30.16	30.32	30.28	29.97		
	7.07 A. M.	30.01	29.95	30.17	30.20	30.29	30.35	30.18		
Day.	3ER.	88	8,	8,	# 1	બ	œ.	4		Ī
Month and Day	1884. SEPTEMBER	Sunday,	Monday,	Tuesday,	OCTOBER. Wed'sday, 1	Thursday,	Friday,	Saturday,		Меапз

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, OCTOBER 11, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH	H .
Anemia	1		Infla'mat'n, Larynx		1	First	16
Apoplexy	5		" Liver	1		Second	15
Bright's Disease	4		4 Lungs	10	9	Third	8 12
Burns and Scalds	1		Peritoneum.	8		Fifth	10
Cancer of Breast	1		" " " " " " " " " " " " " " " " " " "		8	Sixth	7
" Liver	1		" Uterus	1		Seventh	77587857
" Omentum	1		Insanity	1		Ninth	8
" Pancreas	1		Inanition	8	7	Tenth Eleventh	7
" Stomach	4		Jaundice	1	1 1	Twelfth	5
" Uterus	1		Mania-a-Potu	1	l	Thirteenth	7
Carbuncle	1		Marasmus	1	23	Fourteenth	8 22
Casualties	5		Obstruction of Bowels	1		Sixteenth	8
Cerebro-spinal Meningitis		2	Old Age	8		Seventeenth	7 11
Child-birth	1		Paralysis	8		Eighteenth Nineteenth	14
Cholera Infantum		6		•••••	1	Twentieth	15
" Morbus	1		Rheumatism of Heart	1		Twenty-first	8 11
Cirrhosis of Liver	2	1	Softening of Brain	3		Twenty-second Twenty-third	16
Compression of Brain	1		Teething		1	Twenty-fourth	19
Concussion of Brain	2		Tumor, Malignant	1		Twenty-fifth Twenty-sixth	15 11
Congestion of Brain	4	1	Ulceration of Bowels	1		Twenty-seventh.	16
" Lungs	1	1	Unknown	•••••	1	*Twenty-eighth	10
" Bowels		1	Ursemia	8		Twenty-ninth Thirtieth	18 10
Consumption of Larynx	1		TOTALS	181	147	Thirty-first	9
" Lungs	43	2		_	=	*Municipal Hespital.	0.
Convulsions	2	11	•				
Croup		9					
Cyanosis		8			1	Nativity, etc.	
Debility		8			1		
Diarrhœa	2	2			1 1	United States	241
Diphtheria		28			1 1	Foreign	79
Dropsy		•••••			ı	Unknown	8
" OI DIMIL		1			1 1	People of Color	16
Disease of Heart		4					
O VALLOS	- 1	•••••					
Dysentery		1			1 1	1	
Enlargement of Liver		•••••	Of the above there were:			١	
Fever, Gastric " Malarial		1				Males	178
" Scarlet		1	Under 1 year		68	Females	155
" Typhoid	8	5	From 1 to 2		24 26	Boys	84
" Typhus	1	3	* 2 to 5 * 5 to 10		1	Girls	64
Heart Clot		1	" 10 to 15		6	Premature Birth	
Hemorrhage, Brain	1	- 1	" 15 to 20		4	- Tomacaro Diran	
" Bowels		1	" 20 to 30		33	Males	4
4 Lungs		- 1	" 80 to 40		84	Females	4
" Umbilicus		1	" 40 to 50		23	Total	8
Hernia	1	•	" 50 to 60		25	10001	<u> </u>
Hypertrophy of Heart	- 1		" 60 to 70		29	Still-Born.	
Infla'mat'n, Brain	1	4	" 70 to 80		22		
" Bronchi	1	2	" 80 to 90			Males	10
" Bladder	i	_	" 90 to 100		0	Females	10
" Kidneys	2		" 100 to 110		1	Total	20
	_				-		

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, OCTOBER 11, 1884. DURING THE

BAIN.	Ĭ.	8	S.	8	8	8	S.	8.	8
HKR.	11.07 P. M.	Clear.	Clear.	Fair.	Fair.	Clear.	Clear.	Clear.	
STATE OF WEATHER.	M. 8.07 P. M. 11.07 P. M.	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	Fair.	
BTAT	7.07 A.	Cloudy.	Clear.	Clear.	Clear.	Clear.	Clear.	Foggy.	
ř.	11.07 P. M.	•	13	6	20	*	4	2	
VELOCITY OF WIND.	8.07 P. M.	91	92	#	#	12	10	•	
V IO	70.7 .MA	7	~	4	64	61	63	•	
f 0.	11.07 P. M.	N. E.	zi	z	ż	Ż.	S.W.	zú	
DIRECTION C WIND.	8.07 P. M.	N.W.	₩.	N.W.	න්	z	න්	υά	
DIR	70.7 .M .A	×	턻	zi	zi	z	zi	Calm.	
VE TY.	11.07 M. A	8	23	11	88	8	7	8	
RELATIVE HUMIDITY.	8.07 P. M.	22	25	\$	51	7	8	28	
器	70.7 .M.A	2	8	2	7.	62	8	8	
	Min'm.	8	8	19	22	48	Ţ	3	
4	Max'm.	4	8	2	25	8	8	4	
Тневмометев.	Mean Daily Value.	70.2	72.8	66.7	66.5	61.9	54.8	68.6	63.6
HERD	11.07 P. M.	8	2	8	67	3	8	2	
H	8.07 P. M.	72	8	7	74	29	8	2	
	70.7 .M.A	8	61	3	22	3	*	25	
	Mean Daily Value.	29.98	29.90	29.95	29.86	30.14	80.80	80.19	30.05
BAROMETER.	11.07 P.M.	80.02	29.87	29.97	29.81	30.22	80.81	30.14	
BAROI	3.07 P. M.	29.98	29.84	29.98	29.78	30.18	30.28	30.14	
	7.07 A. M.	29.95	29.99	29.94	29.98	80.08	30.32	30.29	
Day.	Ŕ	5,	9	7,	œ,	6	92	11,	
Month and Day	1884. OCTOBER	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea, Barometer corrected for temperature, elevation above see, and instrumental error.

WEEK ENDING SATURDAY, OCTOBER 18, 1884.

CAUSES OF DEATH.	ADULTS	MINORS.	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN EACH	E
Abscess of Lung		1	Infla'mat'n, Pericardium	1		First	17
Alcoholism	4		" Peritoneum.	4	2	Second	9 11
Aneurism of Aorts	1		" Pleura	2		Third	13
Apoplexy	8		" S. & Bowels	5	5	Fifth	8
Asphyxia	- 1	1	" Spine			Sixth	5
Asthma		- 1	Inanition		13	Seventh	18
Bright's Disease	4	•••••	Locomotor Ataxia			Eighth	2 2 8 8
Burns and Scalds		•••••	Malformation		1	Tenth	8
		1				Eleventh	8
Cancer of Breast		•••••	Marasmus		22	Twelfth	-6 8
Kluney		1	Measles		2	Thirteenth	9
" Liver	1		Neuralgia of Heart			Fifteenth	15
" Lungs	1		Old Age			Sixteenth	11
" Mouth	1		Paralysis		1	Seventeenth	7
" Stomach	2	Il	Rheumatism of Heart	1		Eighteenth	16
" Uterus	2		Septicæmia	1		Twentieth	11
Casualties	6	8	Shock, Surgical			Twenty-first	16
Cerebro-spinal Meningitis	1 -	2	Strangulation			Twenty-second	19
Child-Birth	1	-	Stricture of Bowels		1	Twenty-third Twenty-fourth	13 17
Cholera Infantum	-	8	Suffocation		i	Twenty-fifth	24
		,			- 1	Twenty-sixth	19
Cirrhosis of Liver		•••••	Suppression of Urine		1	Twenty-seventh.	17
Congestion of Brain	•	8	Syncope		1	*Twenty-eighth Twenty-ninth	8 17
			Syphilis		1	Thirtieth	12
" Liver	1		Tabes Mesenterica		1	Thirty-first	20
" Jungs	1		Teething		1	*Municipal Hospital,	_
Consumption of Lungs	51	11	Tetanus	···· .	1	- se attrocher trosbreer	
Convulsions	l	17	Thrombosis of Brain	1	 		
Croup		18	Trismus Nascentium	ĺ	11		
Cyanosis		2	Tumor, Ovarian			Nativity, etc.	
Debility		2	Ulceration of Bowels			TT-14-3 C4-4	
Diarrhœa		2	Wounds, Gun-shot		1	United States	263
Diphtheria	_	21				Foreign	88
•		1 1	TOTALS	187	176	Unknown	12
Dropsy		1		<u></u>	=	People of Color	15
" of Brain		······				1	
Disease of Heart		ļ. 			1		
" Liver	1 -	 			li	1	
Drowned		1			1 1		
Dysentery	1					Males	187
Effusion of Brain	 	2	Of the above there were	1		Females	176
Fever, Bilious	1	 	Under 1 year		91	Boys	92
" Malarial	2	ll	From 1 to 2		18	Girls	84
" Scarlet		1	" 2 to 5		27	<u> </u>	_
" Typhoid		6	* 5 to 10		1 I	Premature Birth	
Heart Clot			" 10 to 15		9	····	
			4 15 to 20		14	Males	8
		*****			30	Females	2
Hemorrhage, Bowels		1 1	20 10 00		1 1		
Hemorrhage, Bowels " Lungs	2		M 90 4- 40		000		
Hemorrhage, Bowels "Lungs Hernia	2		" 80 to 40		86	Total	
Hemorrhage, Bowels Lungs Hernia Hooping Cough	2 1 1		" 40 to 50		32	·	
Hemorrhage, Bowels " Lungs Hernia Hooping Cough Infla'mat'n, Brain	2 1 1 1	4	4 40 to 50	•••••	32 26	Still-Born.	
Hemorrhage, Bowels Lungs Hernia Hooping Cough Infla'mat'n, Brain Bronchi	2 1 1 1		" 40 to 50 " 50 to 60 " 60 to 70	•••••	32	Still-Born.	
Hemorrhage, Bowels " Lungs Hernia Hooping Cough Infla'mat'n, Brain	2 1 1 1 1	4	4 40 to 50	•••••	32 26	Still-Born.	10
Hemorrhage, Bowels Lungs Hernia Hooping Cough Infla'mat'n, Brain ' Bronchi	2 1 1 1 1 2	4	" 40 to 50 " 50 to 60 " 60 to 70	•••••	32 26 31	Still-Born.	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WEEK ENDING SATURDAY, OCTOBER 18, 1884.

RAIN.	ij	8.	8	8	8.	8	2	2 ;	17:
THER.	7.07 A.M. 8.07 P.M. 11.07 P.M.	Clear.	Clear.	Clear.	Clear.	Sprinkl'g	Clear.	Clear.	
STATE OF WEATHER.	3.07 P. M.	Cloudy.	Fair.	Clear.	Clear.	Cloudy.	Cloudy.	Fair.	
Вт≜т	7.07 A. M.	Fair.	Foggy.	Clear.	Clear.	Cloudy.	Cloudy.	Lt. Rain.	
E e	11.07 P. M.	7	12	15	4	13	2	9	
VELOCITY OF WIND.	8,07 P. M.	12	17	12	13	16	16	8	
A A	70.7 .M.A	=	•	2	.13	=	9	2	
r 0.	11.07 P. M.	S.W.	z	ż	N.W.	S.W.	N.W.	z	
DIRECTION WIND.	8.07 F. M.	Ø	N.W.	z	z.	αċ	zi	zi.	
DIR	70.7 .MA.	ත්	σć	z	z	න්	₩.	zi	
VE.	11.07 P. M.	87	69	88	62	79	2	3	
RELATIVE HUMIDITY.	3.07 P. M.	8	20	44	31	94	8	41	
器器	7.07 .MA	93	66	29	55	73	88	8	
	Min'm.	8	26	£	8	5	51	å	
g	.m'xsM	79	4	8	Z	8	9	8	
Тневмометев.	Mean Daily Value.	69.0	64.7	49.0	45.4	54.3	67.5	51.2	65.9
HERM	11.07 P. M.	67	8	44	47	26	23	46	
E	3.07 P. M.	8	22	22	25	8	67	2 6	
	70.7 .M. A.	19	2 9	\$	88	8	3 8		
	Mean Daily Value,	30.07	30.06	30.32	30.38	30.05	29.85	30.03	30.06
BAROMETER.	11.07 P. M.	30.05	80.19	30.39	30.32	29.95	29.87	30.26	
Вако	3.07 P. M.	20.08	29.98	30.27	30.33	30.02	29.80	29.98	•
	7.07 A. M.	30.12	30.01	30.81	30.43	30.19	29.89	29.85	
Month and Day.	1884. OCTOBER.	Sunday, 12,	Monday, 13,	Tuesday, 14,	Wed'sday, 15,	Thursday, 16,	Friday, 17,	Saturday, 18,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea, Barometer corrected for temperature, elevation above sea, and instrumental error.

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Week Ending Saturday, October 25, 1884.

CAUSES OF DEATH.	ADULES.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH WARD.
Abscess of Brain		1	Homicide	1	1	First
" Hip			Hypertrophy of Heart	1.		Second 11
" Liver			Infla'mat'n, Brain	3	8	Third 9
Alcoholism	î		" Bronchi	1	2	Fourth 5 Fifth 9
Aneurism of Aorta	1		" Lungs	7	8	Sixth 4
Apoplexy	8		" Peritoneum.	2	- 1	Seventh 25
Asphyxia	•		" S. & Bowels	4	7	Eighth 8 Ninth 4
• •		2	Inanition	- 1	′ · I	Ninth 4 Tenth 9 Eleventh 7 Twelfth 4 Thirteenth 8
Asthma	1	•••••			5 2	Eleventh 7
Bright's Disease	2	, 2	Intussusception		- 1	Twelfth 4
Burns and Scalds	2	2	Jaundice		1	Thirteenth 8 Fourteenth 9
Cancer of Breast	1		Marasmus		20	Fifteenth 15
" Larynx	1		Obstruction of Bowels	1		Sixteenth 4
" Liver	1		Old Age			Seventeenth 10 Eighteenth 12
" Rectum	1		Paralysis	- 1		Nineteenth 17
" Stomach	4		Poisoning, Paris Green			Twentieth 14
" Tongue	1		Sclerosis of Liver	1.		Twenty-first 4
" Uterus	1		Septicæmia		1	Twenty-second 8 Twenty-third 6
Casualties	6	1	Softening of Brain	3 .		Twenty-third 6 Twenty-fourth 17 Twenty-fifth 18
Cerebro-spinal Meningitis		1	Suffocation		1	Twenty-fifth 13
Child-birth	2		Suicide, Cutting Throat	1 .		Twenty-sixth 17 Twenty-seventh. 12
Cholera Infantum	l	4	" Gas	1.		*Twenty-eighth 4
" Morbus	1		" Hanging	1.		Twenty-ninth 17
Cirrhosis of Liver			Tetanus		1	Thirtieth 11
Colic		1	Uræmia	1	ī	Thirty-first 7
Congestion of Brain		1				 Municipal Hospital, 0.
" Lungs		2	TOTALS	160 1	48	
Consumption of Lungs		1 1	l:		=	
Convulsions		10		- 1	- 1	Nativity, etc.
		14	•	- 1	- 1	
Croup	•••••	13		- 1	- 1	United States 232
Cyanosis		2		- 1	- 1	Foreign 70
Debility		8		- 1	l	Unknown 6
Diphtheria		17		- 1		People of Color 22
Dropsy				- 1		Toopic of Colorina
" Abdominal		1		ı		1
" of Brain		1			- 1	1
" Heart				l		1 1
Disease of Bowels	1			1	i	Males 168
" Heart	9	1		- 1	1	Females 145
" Prostate	1		Of the above there were:	.		Boys 71
Drowned	1	 	Under 1 year		67	Girls 77
Dysentery	1	1	From 1 to 2		25	
Effusion of Brain	1	ll	" 2 to 5	- 1	27	Premature Birth.
Empyema	2		" 5 to 10		13	
Enlargement of Prostate	1		" 10 to 15		1	Males 6
Fever, Malarial		1	" 15 to 20		15	Females 1
" Puerperal			" 20 to 30		32	Total7
" Scarlet		. 4	" 30 to 40		1	10081
" Typhoid		3	30 10 40		35	Still-Born.
T à buoin		- 1	40 10 00		20	Sun-born.
Hemorrhoids			00 00 00		18	Males 6
Hemorrhage, Lungs			00 10 70		20	Females
" Umbilicai	1	1	70 10 00		20	
Hernia		1	" 80 to 90	•••••	15	Total 9
, , , , , , , , , , , , , , , , , , ,	ļ	1	80 10 90		15	10tai

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

WEEK ENDING SATURDAY, OCTOBER 25, 1884.

RAIM.	ij	S	s.	ş	4	20.	6.	8	24.
HER.	11.07 P. M.	Clear.	Clear.	Clear.	Cloudy.	Clear.	Cloudy.	Clear.	
STATE OF WEATHER	A. M. 3.07 P. M. 11.07 P. M.	Clear.	Clear.	Clear.	Cloudy.	Clear.	Cloudy.	Fair.	
BTAT	7.07 A. M.	Clear.	Clear.	Foggy.	Cloudy.	Clear.	Clear.	Cloudy.	
F.e.	11.07 P. M.	91	Ħ	9	*	71	6	12	
VELOCITY OF WIND.	8.07 P. M.	18	12	•	18	21	•	ដ	
6 4	70.7 .M .A	•	~	9	15	9	16	9	
4 OF	11.07 M. A	ಶ	σċ	Ø	N.W.	N.W.	κć	zi.	
DIRECTION WIND.	8.07 F. M. F	σά	κά	øi	zć	N.W.	z	N.W.	
DIB	70.7 .M .A	Calm.	zoi	øż	Ø	z	N.W.	oci (
17.	11.07 P. M.	67	18	78	11	8	ß	22	
RELATIVE HUMIDITY.	8.07 P. M.	8	49	47	62	:28	£	7	
HE	70.7 .M .A		8	97	87	15	8	67	
	.m'nìM	7	\$	22	57	88	쫎	37	
. E	Max'm.	8	8	11	22	22	\$	22	
Thermometer.	Mean Daily Value.	62.2	60.0	64.2	64.7	50.2	42.4	44.2	24.0
HER	11.07 P. M.	129	82	62	29	8	42	88	
Ŧ	8.07 P. M.		72	76	74	88	49	22	
	70.7 .M.A	3	\$	22	3	23	- 88	4	
	Mean Daily Value.	30.43	30.40	30.27	29.95	30.02	30.29	30.33	30.24
BAROMETER.	11.07 P.M.	30.44	30.39	30.20	29.89	30.15	30.30	30.51	
ВАВО	8.07 P. M.	80.42	30.36	30.24	29.87	29.94	80.29	30.26	
	7.07 A. M.	80.44	30.46	30.87	30.08	29.96	30.28	30.23	
Month and Day.	1884. OCTOBER.	Sunday, 19,	Monday, 20,	Tuesday, 21,	Wed'sday, 22,	Thursday, 23,	Friday, 24,	Saturday, 25,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, NOVEMBER 1, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS. MINORS.	DEATHS IN EACH WARD.
Abscess	1		Infla'mat'n, S. & Bowels	2 5	First 21
" of Liver	-		l - '	9	Second 17
Alcoholism	1		Jaundice	1	Third 8
Anæmia	l	1	Marasmus	1 13	Fifth 6
Apoplexy	5		36	1	Sixth 5
Asphyxia		1	Obstruction of Bowels	1	Seventh 8
Asthma	1		1	16	Eighth 8 Ninth 4
Bright's Disease	_	1	Paralysis	4 2	Tenth 6
Burns and Scalds		i	Purpura Hemorrhagica		Eleventh 7
Cancer of Liver		*	Pyæmia		
" Tongue	ı –		Septicæmia	- ''''	Fourteenth 6
" Uterus			Softening of Brain	_	Fifteenth 12
	4				Comendate 1
Casualties Cerebro-spinal Meningitis	1 -	8	Suicide, Hanging	8	Fightograph 17
		1	Shooting		Nineteenth 12
Child-Birth	1		Suppression of Urine	- 1	Twonty first
Cholers Infantum		4	Tumor of Brain	2	I Twenty-second S
MUI DUB		1	Uræmia	1 1	Twenty-third 4
Cirrhosis of Liver			Wounds, Gun-shot	1	
Compression of Brain		, 1	TOTALS 10	68 152	Twenty-fifth 22 Twenty-sixth 20
Congestion of Brain		4			Twenty-seventh. 16
" Lungs			-		Twenty-eighth 13
Consumption of Lungs		4			Twenty-ninth 16 Thirtieth 7
Convulsions		5			Thirty-first 9
Croup		28		ı	Municipal Hospital, 0.
Cyanosis		3			- Zunicipai nospitai, c.
Debility	3	3		- 1	II.
Diabetes	1			- 1	N 41.74
Diarrhœa	1			- 1	Nativity, etc.
Diphtheria	1	12			United States 222
Dropsy					Foreign 93
" of Brain		1		1	Unknown 5
" Heart		1		- 1	People of Color 15
" Lungs				- 1	reopie of Color 13
Disease of Brain				- 1	11 1
" Heart		1		- 1	11
Drowned	2			- 1	11 1
Dysentery				- 1	Males 178
Effusion of Brain		1		i	Females 142
Enlargement of Liver			Of the above there were:	- 1	Boys 86
Fever, Scarlet		4	Under 1 year	64	
" Typhoid		3	From 1 to 2		GI118 66
T J PHUM		l ° l	" 2 to 5		Premature Birth.
Galletones	1 +	ا ٠٠٠٠٠٠			Tromaturo Birtin
Gall-stones	١.,		" 5 to 10	21	1
Gangrene, Senile		····	4 104- 15	1 7	Males 1
Gangrene, Senile Heart Clot	1	1	" 10 to 15		Females 1
Gangrene, Senile Heart Clot Hemorrhage, Brain	1	1	" 15 to 20	12	Females 1
Gangrene, Senile Heart Clot Hemorrhage, Brain Homicide	1	1 1	" 15 to 20 " 20 to 30	12	Females 1
Gangrene, Senile Heart Clot Hemorrhage, Brain Homicide Infla'mat'n, Brain	1 1	1 1 9	" 15 to 20 " 20 to 30 " 30 to 40	12 24 29	Females 1 Total 2
Gangrene, Senile	1 1 1 4	1 1 9 8	" 15 to 20	12 24 29 25	Females 1
Gangrene, Senile	1 1 1 4 2	1 2 8 2	" 15 to 20" " 20 to 30" " 30 to 40" " 40 to 50" " 50 to 60	12 24 29 25 29	Females
Gangrene, Senile	1 1 4 2	1 2 8 2 3	" 15 to 20" " 20 to 30" " 30 to 40" " 40 to 50" " 50 to 60" " 60 to 70"	12 24 29 25 29 21	Total
Gangrene, Senile	1 1 4 2	1 2 8 2	" 15 to 20" " 20 to 30" " 30 to 40" " 40 to 50" " 50 to 60	12 24 29 25 29 21	Total

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

WEEK ENDING SATURDAY, NOVEMBER 1, 1884.

Въли.	ij	8	8.	7.	평.	8	S.	8	02:
THER.	7.07 A.M. 8.07 P.M. 11.07 P.M.	Cloudy.	Cloudy.	Cloudy.	Foggy.	Lt. Bain.	Cloudy.	Cloudy.	
STATE OF WEATHER.	8.07 P. M.	Clear.	Cloudy.	Lt. Rain.	Cloudy.	Lt. Rain.	Cloudy.	Fair.	
BTAT	7.07 A. M.	Clear.	Foggy.	Lt. Rain.	Fair.	Lt. Rain.	Cloudy.	Cloudy.	
ž ė	11.07 P. M.	4	11	13	11	18	61	ଅ	
VELOCITY OF WIND.	8.07 P. M.	4	10	6	6	ឌ	01	18	
Q.F.	70.7 .M .A	∞	•	21	=	=	41	•	
40 b	11.07 P. M.	જાં જાં	න්	N.E.	N.E.	N.E.	ធ	zó	
DIRECTION WIND.	8.07 P. M.	ná	ක්	αά	Ä.W.	zi	zi	zá	
DIR	70.7 .M .A	zi	क्ष ह्य	ක්	zi	z E	zi	യ്	
TX.	11.07 P. M.	8	11	72	88	93	87	8	
RELATIVE HUMIDITY.	8.07 P. M.	8	29	35	88	100	11	4	
H	70.7 .MA	8	7.	97	28	8	88	8	
	.m'niM	8	4	22	4	3	3	4	
ER.	Max'm.		8		28	12	21	19	
Тиквыометев.	Mean Daily Value,	41.7	59.0	58.1	47.6	46.7	46.1	53.5	60.1
HER	11.07 .Mq	- 2	20		47	4	- 46	2	
H	3.07 P. M.	4	8	61	52	4	47	8	
	70.7 .M. A.	88		8	\$	47	3		
	Mean Daily Value.	30.57	30.35	30.21	30.29	30.05	29.98	30.03	80.21
BAROMETER.	11.07 P. M.	80.56	30.26	30.32	30.19	30.04	30.02	29.99	
ВАВО	3.07 P. M.	30.56	80.82	30.14	80.28 -	80.02	28.94	80.02	
	7.07 A. M.	80.59	80.46	80.18	30.40	80.08	29.99	80.08	
Month and Day.	1884. OCTOBER.	Sundsy, 26,	Monday, 27,	Tuesday, 28,	Wed'sday, 29,	Thursday, 80,	Friday, 81,	Saturday, 1,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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Week Ending Saturday, November 8, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC.	H
Abscess of Throat	1		Infla'mat'n, Peritoneum.	4	1	First	18
" Kidneys	1		" Pleurs			Second	6 8
Alcoholism	1		" Prostate	1		Third	10
Apoplexy	7		" S. & Bowels		4	Finh	10
Asthma	i		" Tonsils			Sixth	5 20
Bright's Disease	5	2	Inanition		9	Seventh	20
Burns and Scalds	-	1	Jaundice	1	1	Ninth	9 7 9
Cancer of Breast	1		Malformation		i	Tenth	9
" Pylorus	î	*****	Marasmus		11	Eleventh	2
" Rectum	1	•••••	Obstruction of Bowels		1	Twelfth Thirteenth	6 9
" Stomach	2	•••••	Old Age	1	- 1	Fourteenth	6
Casualties	8		Paralysis			Fifteenth	12 13
	-					Sixteenth Seventeenth	13 9
Cerebro-spinal Meningitis	1		Pelvic Cellulitis			Eighteenth	11
Cirrhosis of Liver	8	<u>-</u>	Poisoning, Laudanum			Nineteenth	20
Congestion of Brain		1	Pyæmia		1	Twentieth	10
Bowels		1	Rheumatism of Heart		1	Twenty-first Twenty-second	18 6
" Lungs		12	Scrofula		•••••	Twenty-third	š
4 Stomach	1		Septicæmia			Twenty-fourth	20
Consumption of Bowels	50	7	Shock (operation)			Twenty-fifth	22 18
Convulsions	1	14	Softening of Brain	2		Twenty-sixth	8
Cramps	1		Sore Mouth		1	Twenty-seventh. *Twenty-eighth Twenty-ninth	11
Croup		27	Syphilis	ļ	2	Twenty-ninth	16
Cyanosis	. .	3	Tetanus	1	 	Thirtieth Thirty-first	8 13
Debility	4	2	Ulceration of Stomach		1		
Diphtheria		19	Uræmia	8		*Municipal Hospital,	, 0.
Dropsy, Abdominal	1			l			
" of Brain		2	Totals	192	149		
" Heart	1	-			=	Nativity, etc.	
Disease of Brain	2				1 1	l 	_
" Heart	7	8			1	United States	259
" Kidneys	i	"				Foreign	78
Dysentery	2					Unknown	4
Effusion of Brain	2	1				People of Color	19
		+			1 1	•	
Empyema	1	••••••				1	
Enlargement of Heart	2	••••••			1	l	
Epilepsy	2	••••••			1 1		
Erysipelas	2	•••••	Of the street		1 1	Males	169
Fatty Degen. of Heart	1		Of the above there were	•		Females	173
Fever, Malarial	2		Under 1 year		60	Boys	81
" Remittent		1	From 1 to 2	•••••	22	Girls	68
" Scarlet		4	" 2 to 5		82	-	
" Typhoid	4	5	" 5 to 10		20	Premature Birth	•
Heart Clot	1		" 10 to 15	•••••	6	Males	
Hemorrhage, Lungs	1]	" 15 to 20	*****	9		5
" Uterus	1		" 20 to 30		87	Females	4
Hooping-cough		2	" 80 to 40		87	Total	9
Infla'mat'n, Brain	1	4	40 to 50		29		
" Bronchi	5	5	" 50 to 60		23	Still-Born.	
" Kidneys	1		" 60 to 70		24		
" Larynx	_	1	# 70 to 80		22	Males	18
" Lungs	22	7	# 80 to 90		17	Females	. 8
		:			I	I 	
" Pericardium	1	l ł	" 90 to 100		181	Total	21

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, NOVEMBER 8, 1884.

КАІМ	ď.	8	 	.i.	**************************************	<u> </u>	<u> </u>	<u> </u>	8
THER.	P. M. 11.07 P. M.	Clear.	Cloudy.	Lt. Rain.	Clear.	Clear.	Clear.	Clear.	
STATE OF WEATHER.	3.07 P. M.	Cloudy.	Fair.	Lt. Rain.	Fair.	Cloudy.	Clear.	Clear.	
STAT	7.07 A. M.	Cloudy.	Clear.	Cloudy.	Clear.	Clear.	Clear.	Falr.	
i e	11.07 P. M.	00	4	7	16	60	∞	21	
VELOCITY OF WIND.	8.07 P. M.	60	∞	12	36	22	23	14	
F O	70.7 .M. A	٠	•	•	2	4	ឌ	13	
K 03	11.07 M. A	zi	ᅿ	ಹ	₩.	N.W.	øi	zi.	
DIRECTION C WIND.	8.07 P. M.	z	z	80 80	N.W.	z	ත්	zi	
DIG.	70.7 .MA	න්	z	z	N.W.	N.W.	8.W.	`.	
VE TX.	11.07 P. M.	5	27	100	53	92	99	54	
RELATIVE HUMIDITY.	8.07 P. M.	19	53	8	98	32	88	35	
	70.7 .M.A	73	62	8	69	25	5.	55	
	.ar'aiM	5	88	\$	#	34	88	37	
ej.	Max'm.	8	24	8	19	43	47	22	
Thermometer.	Mean Daily Value.	52.0	46.3	55.2	44.5	36.8	38.6	43.7	45.8
HERM	11.07 M. A		46	22	40	34	33	88	
A	8.07 P. M.	8	53	29	49	9	45	22	
	70.7 .MA	- 15	88	8	4	8	8	\$	
	Mean Daily Value.	80.18	30.48	29.97	29.89	30.24	30.21	80.21	80.16
Вавометев.	11.07 P.M.	80.35	30.40	29.78	30.04	30.34	30.10	80.31	
ВАВО	8.07 P.M.	30.14	80.42	29.96	29.83	30.24	30.16	30.17	
	7.07 A. M.	30.05	30.46	33.23	29.79	30.14	30.36	30.14	
Day.	ER.	ø,	65	4,	rč,	,	7,	œ,	
Month and Day.	1884. NOVEMBER	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

168 Week Ending Saturday, November 15, 1884.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH, S S DEATHS IN EACH WARD.
Alcoholism	2		Infla'mat'n, Larynx 1 First 14
Aneurism of Aorta	1		" Liver 2 Second 14
Apoplexy			" Lungs 20 11 Fourth
Asthma			" Pericardium 1 1 Fifth
Bright's Disease	7		Sixth
Burns and Scalds	1 1	8	Beventh 18
Cancer of Breast	2	*	
Liver			Saundice Eleventh 8
- rangs			Marasmus 1 9 Twelfth
4 Stomach			Measles 2 Thirteenth 5
Casualties	6	2	Obstruction of Bowels 1 1 Fifteenth 19
Cirrhosis of Liver	8		Old Age 13 Sixteenth
Congestion of Brain	2	2	Paralysis 8 2 Seventeenth 14
" Lungs		1	Burnayan Hamanahariaa Eighteenth 14
Consumption of Bowels		1	Pyemia 2 Twentieth 18 Rheumstism of Heart 1
" Lungs	49	6	Twenty-second 10
Convulsions		13	Scrofula 2 Twenty-third 11
Croup		27	Septicæmia
Cyanosis		3	Suffocation 1 1 Twenty-fifth 27
Debility		5	Twenty-sixth 28
Diarrhœa		1 1	
	1		1 1 1 1 1 1 1 2 2 2 3 3 3 4 5 6 6
Diphtheria		26	
Dropsy	1	1	Trismus Nascentium 2 Thirty-first 19
" of Brain	2	8	Tumor, Abdominal 1 *Municipal Hospital, 0.
" Heart	2	l	" of Breast 1
" Kidneys			4 Sternum 1
" Lungs	-		4 Titoma 1
Disease of Heart	_		Nativity, etc.
		••••••	
" Kidneys		•••••	Larynx 1 United States 289
Drowned	2	•••••	- Stomacn I Foreign 94
Dysentery	2	•••••	Ursemia 4 Unknown 11
Effusion of Brain	1	2	Poonle of Color
Enlargement of Prostate	1		TOTALS219 175 People of Color 20
Epilepsy			
Erysipelas		l I	
			1 1 1
Fever, Brain			l II I
- Catarrnai		1	Males 186
" Malarial	1		Of the above there were: Females 208
" Scarlet		11	Under 1 year 57 Boys 88
" Typhoid		5	From 1 to 2 27 Girls 92
Gangrene of Lungs		-	" 2 to 5
" Senile			" 5 to 10
	_		7 0 10 10 10 10 10 10 10 10 10 10 10 10 1
Hemorrhage, Bowels		1	Males 9
			" 15 to 20 9 Females
" Lungs	1		" 20 to 30
" Lungs " Internal		8	" 80 to 40 44 Total 8
" Internal		செ	,
" Internal Hooping Cough		•	" 40 to 50
" Internal Hooping Cough	1		20 00 00
" Internal Hooping Cough	1		" 50 to 60
" Internal Hooping Cough Hypertrophy of Heart " Liver Infia'mat'n, Brain	1 1 2	7	" 50 to 60
" Internal Hooping Cough	1 1 2 1		" 50 to 60
" Internal Hooping Cough Hypertrophy of Heart " Liver Infia'mat'n, Brain	1 1 2 1	7	" 50 to 60

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, NOVEMBER 15, 1884. DURING THE

BAIN.	티	S.	S.	8	8	8	8	8	8
THER.	11.07 P.M.	Clear.	Clear.	Fair.	Clear.	Clear.	Clear.	Clear.	
STATE OF WEATHER.	8.07 P. M.	Clear.	Clear.	Fair.	Cloudy.	Clear.	Clear.	Clear.	
STAT	7.07 A. M.	Clear.	Clear.	Foggy.	Clear.	Clear.	Clear.	Clear.	
F.e	11.07 P. M.	•	69	4	10	00	80	4	
VELOCITY OF WIND.	8.07 P. M.	•	4	17	9	12	6	00	
V V	70.7 .M .A	∞	-	81	•	•	4	•	
1 OF	11.07 M. A	Calm.	S.W.	z	N.E.	ĕ	S.W.	ធ	
DIRECTION WIND.	8.07 P. M. 9	Calm.	σά	N.W.	ż	Ä.W.	zi	z	
DIB	7.07 .M .A	N.E	83 Ei	`.	W.	Calm.	z	₩.	
VE II.	11.07 P. M.	7	*88	22	89	8	8	78	
RELATIVE HUMIDITY.	8.07 P. M.	22	53	21	22	4	8	47	
HE	70.7 A. M.,	99	2 5	- 83	75	88	69	22	<u> </u>
	.m'niM	8	35	જ	24	88	4	8	
e e	Max'm.	27	82	8	28	23	22	8	
THERMOMETER.	Mean Daily Value.	42.7	47.1	49.6	47.7	49.2	47.5	49.3	47.6
HEED	11.07 .M .A	43	47	20	46		4	-28	<u> </u>
H	8.07 P. M.	- 21	- 23	28	- 52 	88	23	- 28 	
	70.7 .MA	8	8	8			4		
	Mean Daily Value.	30.37	30.26	30.12	30.14	30.05	30.16	30.18	80.18
BAROMETER.	11.07 P. M.	30,34	30.20	30.14	30.14	30.04	30.15	30.22	
Вавол	3.07 P. M.	30.34	30.23	30.08	30,12	20.98	30.16	30.16	
	7.07 A. M.	30.42	30.35	30.13	30.17	30.12	30.18	30.16	
Day.	ER.	်	á	Ή,	, 12,	, 13,	¥.	15,	
Month and Day	1884. NOVEMBER	Sunday,	Monday,	Tuesday,	Wed'sday, 12,	Thursday, 13,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

170 Week Ending Saturday, November 22, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH WARD.
Abscess of Stomach	1		Infis'mat'n, Larynx	1	2	First 20
" Temp. Bone		1		12	5	Second 8
Alcoholism	1	_	" Pericardium	1	1	Second
Apoplexy	3		" Peritoneum.	6	ī	Fourth 9
Asthma	8		" Pleura	1		Sixth 5
Boil	1		8. & Bowels	7	1	
Bright's Disease	8		Insuition		8	Eighth 5 Ninth 4
Burns and Scalds	1	8	Intussusception	1		Tenth 7
Cancer of Breast			Jaundice	1	•••••	Eleventh 7
Bowels		1	Marasmus	•	9	Twelfth 5 Thirteenth 6
" Liver	1	·····	Measles	•••••	1	Fourteenth 10
Casualties	5		Obstruction of Bowels			Fifteenth 12
Cerebro-spinal Meningitis		1	Old Age	1	*****	Sixteenth 7 Seventeenth 5
	i	1		14		Eighteenth 12
Cirrhosis of Liver	8		Paralysis	7	1	Nineteenth 23
Congestion of Brain	. –	2		1	1	Twentieth 21 Twenty-first 12
" Lungs		1	Septicæmia	1		Twenty-second 16
" Kidneys		1	Softening of Brain	2		Twenty-third 10
Consumption of Bowels	1		Stricture of Bowels	1		Twenty-fourth 24 Twenty-fifth 22 Twenty-sixth 19 Twenty-seventh. 17
" Lungs		4	Teething		1	Twenty-fifth 22 Twenty-sixth 19
Convulsions	1	9	Ulceration of Stomach		1	Twenty-seventh. 17
Croup		36	Uræmia	8	•••••	TIWENTY-PIONIN IX
Cyanosis		8	TOTALS2	206	155	Twenty-ninth 15 Thirtieth 11
Debility	1	2				Thirty-first 12
Diabetes	1		-			*Municipal Hospital, 0.
Diarrhœa	1					- Municipal Hospital, C.
Diphtheria		28			1	
Dropsy	4		1			Madulin ata
" of Brain	1	4				Nativity, etc.
" Liver		1			1 }	
Disease of Heart	15	1				United States 273
" Spine	1					Foreign 81
Drowned	2				1	Unknown 7
Dyspepsia		1				People of Color 12
Empyema	1					1
Epilepsy	1					1
Erysipelas		2				
Fatty Degen. of Heart	1		Of the above there were:			Males 191
Fever, Malarial	1		Under 1 year		45	Females 180
" Scarlet		11	From 1 to 2		26	Boys 84
" Typhoid		4	" 2 to 5		48	Girls 71
Heart Clot			" 5 to 10		28	
Hemorrhage, Brain			" 10 to 15		9	Premature Birth.
" Bowels			" 15 to 20		4	
" Uterus			" 20 to 30		42	Males 4
" Umbilical		1	" 30 to 40		48	. Females 1
Homicide			" 40 to 50		26	Total 5
Hooping-cough		8	" 50 to 60		26	10081
Infla'mat'n, Brain		5	90 10 90			Still-Born,
" Bronchi		6	- 60 10 70		24 28	- Out-Doin
" Bladder	-		10 10 80			Males 11
	2		OU 10 90		11	Females 11
" Kidneys " Knee Joint	_	1	50 W 100		2	
Allee Joint	ļ	1	" 100 to 110	•••••	1	Total 22
	<u> </u>		<u> </u>			

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, NOVEMBER 22, 1884.

RAIM.	4	8	8	8	27	ą.	8	8	, £.
HEB.	11.07 P. M.	Clear.	Clear.	Cloudy.	Lt. Rain.	Cloudy.	Clear.	Clear.	
STATE OF WEATHER.	M. 3.07 P. M. 11.07 P. M.	Cloudy.	Clear.	Lt. Snow. Cloudy.	Lt. Rain.	Cloudy.	Clear.	Fadr.	
STAT	7.07 A. M.	Cloudy.	Fair.	Cloudy.	Sleet.	Cloudy.	Clear.	Clear.	
<u>r</u> 6	11.07 P. M.	٠.	11	16	11	40	9	4	
VELOCITY OF WIND.	8.07 P. M.	80	п	=	17	17	=	8	
A O	70.7 .M .A	9	*	13	81	9	9	-	
f 0 F	11.07 M. A	z	zi	ż	Z.E.	₩.	S.W.	텨	
DIRECTION WIND.	8.07 P. M.	N.E.	N.W.	N.E.	N.E.	zi	S.W.	ත්	
Dir	70.7 .MA	N.W.	.₩	z	z	zi	X.E	zi	
VE TY.	11.07 P. M.	83	82	83	99	79	28	22	
RELATIVE HUMIDITY.	8.07 IN .ci	19	28	8	2	62	25	29	
E H	70.7 .M .A	74	92	67	&	91	78	88	
	.m'aiM	\$	8	32	90	æ	88	8	
EB.	Max'm.	- 8	38	46	8	7	6	18	
Thermometer.	Mean Daily Value.	47.7	51.5	84.2	32.7	85.8	40.3	45.2	41.1
HERM	11.07 P. M.	- 24	46	딿	**	83	8	.	
£	3.07 P. M.		63	8	8	8.1	47	28	
	70.7 .M .A	#	2	\$	8	\$	88	&	
	Mean Daily Value.	30.01	29.88	30.23	80.12	30.14	30.38	80.41	30.17
Barometer.	11.07 P.M.	29.88	30.02	30.25	30.04	30.22	80.43	80.86	
Ваво	3.07 P. M.	29.98	29.80	30.23	30.11	30.13	30.86	80.41	
	7.07 A. M.	30.16	28.83	30.20	30.21	30.07	30.34	30.47	
Day.	ER.	16,	17,	18,	19,	ର୍ଷ	ដ	ର୍ଷ	
Month and Day.	1884. NOVEMBER.	Sunday,	Monday,	Tuesday,	Wed'sday, 19,	Thursday, 20,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

172 Week Ending Saturday, November 29, 1884.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN EACH	н
Abscess of Brain	1		Infla'mat'n, Bronchi	3	6	First	19
Bowels	1		" Kidneys,	1	1	Second	17
4 Lungs	1		Larynx	1	3	Third	11
тапрынини	3		" Liver		-	Fourth	12
Alcoholism	4	1	4 Lungs		8	Sixth	5
Apoplexy	1	445444	" Pericardium	2.7	2	Seventh	15
Asthma	8	1	4 Peritoneum.	3		Eighth	11
Bright's Disease	100	1	" S. & Bowels		1	Tenth	14
Burns and Scalds	11.00	100	S. A. DOWEIS.		5	Eleventh	5
Cancer of Breast	2		Inanition		6	Twelfth Thirteenth	12
I additions	1	*****				Fourteenth	6
2,100,100,11111111	1	******	Marasmus	12000	7	Fifteenth	14
Troots Manifester	1	******	Measles		2	Sixteenth	9
Stomach	1		Neuralgia of Heart			Eighteenth	17
" Uterus	4		Old Age			Nineteenth	25
Caries of Kidneys	1		Paralysis		1	Twentieth Twenty-first	18
Casualties	7	1	Poisoning, Oxalic Acid			Twenty-nrst Twenty-second	7
Cerebro-spinal Meningitis		2	Pyæmia		1	Twenty-third	8
Cholera Infantum		2	Quinsy		1	Twenty-fourth	19
Congestion of Brain		1	Rheumatism of Heart			Twenty-fifth Twenty-sixth	16
" Lungs	2	3	Rupture of Heart			Twenty-seventh.	13
Consumption of Lungs	46	7	Scrofula		1	*Twenty-eighth	15
Convulsions		9	Softening of Brain	1		Twenty-ninth	14
Croup		35	Sore Mouth	*****	1	Thirty-first	9
Cyanosis		3	Stricture of Œsophagus,	2		*Municipal Hospital,	0
Debility	3	3	Suffocation	1		- municipal mospital	
Diabetes	1		Suicide, Laudanum	1			
Diarrhœa	1	1	" Shooting	1		N. M. Maria	
Diphtheria	1	20	Syphilis	2	1	Nativity, etc.	
Dropsy		1	Teething		1	United States	270
4 Abdominal			Tetanus		1	Foreign	96
of Brain		3	Ulceration of Throat		1	Unknown	6
a Lungs			Uræmia	2		People of Color	19
Disease of Heart	12			-	-	Teoline or Const	
" Kidneys	1		TOTALS	204	168		
Dysentery	1			_	-		
Effusion of Brain	1						
Enlargement of Heart	2					Males	198
Erysipelas		1	Of the above there were	1		Females	174
Fatty Degen, of Heart			Under 1 year		53	Boys	89
Fever, Continued		1	From 1 to 2		22	Girls	79
" Malarial			" 2 to 5		45	G1170mm111111111111111111111111111111111	
« Scarlet		4	" 5 to 10		31	Premature Birth.	
" Typhoid		6	" 10 to 15		3	7.57.600.25.5760	_
Gangrene of Leg		1	" 15 to 20			Males	3
Heart Clot		+	" 20 to 30		34	Females	2
Hemorrhage, Brain		*****	" 30 to 40			Total	5
		******	00 to 40		33	1000	0
Tungs			40 00 00		2.00	Still-Born.	
" Stomach		1 4	50 00 00		21	Oun-Doini	_
Hooping Cough		3	0.0 10 10000000000000000000000000000000		31	Males	11
Hypertrophy of Heart	1	******	IN to Object the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the serv		29	Females	9
" Liver Infla'mat'n, Brain	1	7	00 10 00		16	(Mata)	00
	2	7	44 90 to 100		5	Total	20

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA. WEEK ENDING SATURDAY, NOVEMBER 29, 1884. DURING THE

Въли.	ij	4	8	8	S.	8.	.87	2 .	1.58
PHORIE,	11.07 P. M.	Lt. Rain.	Clear.	Cloudy.	Clear.	Cloudy.	Lt. Bain.	Cloudy.	
STATE OF WEATHER	7.07 A. M. 3.07 P. M. 11.07 P. M.	Cloudy.	Clear.	Cloudy.	Fair.	Cloudy.	Lt. Rain.	Fair.	
BTAT	7.07 A. M.	Cloudy.	Cloudy.	Clear.	Cloudy.	Cloudy.	Cloudy.	Cloudy.	
F.G	11.07 P. M.	•	2	17	60	•	•	10	
VELOCITY OF WIND.	8.07 P. M.	ន	28	Ξ	81	•	-	7	
VE	70.7 M.A	13,	. 22	*	~	•	•	<u></u>	
40 L	11.07 P. M.	ಹ	N.W.	S.W.	N.W.	σά	z	N.W.	
DIRECTION WIND.	8.07 P. M.	ø	N.W.	zć	N.W.	ໝ່	zć	N.W.	
DIB	70.7 .MA	ಹ	N.W.	zó	oć .	Calm.	Calm.	ż	
Y.	11.07 P. M.	100	8	88	Ľ	8	100	78	
RELATIVE HUMIDITY.	8.07 P. M.	77	æ	53	25	55	88	48	
H	70.7 .MA.	79	.g	19	6	57	2	8	
	.aa'aiM	17	ន	22	8	8	£	#	
ej.	.a'xsM	64		3	8	3	51	8	
THERMOMETER.	Mean Daily Value.	57.8	*2.3	31.7	87.5	41.3	45.6	89.5	40.8
HERM	11.07 P.·M.	Z.	8	8	8	47	£	\$	
Ĥ	8.07 P. M.	සි	ਲ	8.	7	45	47	4	
	70.7 .M. A	56	8	প্ত	\$	8	4	\$	
	Mean Daily Value.	23.84	29.99	30.02	29.78	29.98	29.69	29 89	29.88
BAROMETER.	11.07 P. M.	29.60	30.20	29.82	29.94	29.96	29.48	80.13	29.88
BAROR	3.07 P. M.	72.62	29.97	30.01	29.72	39.96	29.69	29.96	
	7.07 A. M.	30.15	29.80	30.21	29.69	30.03	29.90	29,58	
Day.	BER.	Ę,	7,	22	8,	, 27,	28,	Ŕ	1
Month and Day	1884. NOVEMBER.	Sunday,	Monday,	Tuesday,	Wed'sday, 26,	Thursday, 27,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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Week Ending Saturday, December 6, 1884.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN EACH WARD.
Abscess		1	Infla'mat'n, Brain	1	5	First 24
" Pelvic	1		" Bronchi	2	8	Second 12
Alcoholism	ī		" Heart	1	ll	Third 5 Fourth 14
Aneurism of Aorta	3		" Kidneys			Fourth 14 Fifth 6
Apoplexy	9		" Larynx		1	Sixth 3
Asphyxia		1	" Liver	8		Seventh 12 Eighth 9
Ast hma	8		" Lungs	27	14	Ninth 7
Bright's Disease	5		" Peritoneum.	3		Tenth 8
Burns and Scalds	1	1	" Pleura	1		Eleventh 11 Twelfth 5
Cancer of Breast	2		" S. & Bowels	8	4	Thirteenth 8
" Jaw	1		Insnition	1	12	Fourteenth 12 Fifteenth 22
" Liver	1	l	Marasmus		11	Sixteenth 4
" Ovaries	1		Neuralgia of Heart	8		Seventeenth 14
" Stomach	1		Old Age	16		Eighteenth 19 Nineteenth 29
" Uterus	1		Paralysis			Twentieth 15
Casualties	10	1	Poisoning, Ammonia		1	Twenty-first 18
Child-Birth	1		Pyæmia	1		Twenty-second 14 Twenty-third 17
Cholera Infantum		2	Rheumatism	1		Twenty-fourth 27
Cirrhosis of Liver	2		Septicæmia	3		Twenty-fifth 22 Twenty-sixth 14
Congestion of Brain	1	6	Softening of Brain			Twenty-seventh. 20
" Lungs	1	2	Sore Mouth		1	*I wenty-eighth 10
Consumption of Bowels	2		Spina-Bifida		1	Twenty-ninth 16 Thirtieth 10
" Lungs	55	10	Stenosis of Heart			Thirty-first 18
Convulsions	1	8	Stricture of Rectum	1		*Municipal Hospital, 0.
Croup		34	Suicide, Shooting	3	·····	
Cyanosis		3	Syphilis		1	
Debility	3	4	Tumor of Testicle	1		Nativity, etc.
Diarrhœa	2	1	" Uterus	1		
Diphtheria		15	" Ovarian		1	United States 300
Dropsy			Ulceration of Bowels	1		Foreign 111
Of Diam		2	Uræmia	5		Unknown 14
" Heart			TOTALS	254	171	People of Color 24
тапри	1			==		2 Copie of Color
Disease of Heart	16	8	}			1
Drowned		1				
Dysentery Eczems		1				-
Effusion of Brain		1	Of the above there were			Males 216
Enlargement of Heart		- 1				Females 209
" Liver			Under 1 year		56	Boys 89
Erysipelas		1	From 1 to 2		44	Girls 82
Fatty Degen. of Heart	1	- 1	2 10 0		41	Premature Birth.
Fever, Malarial	ı		9 10 10		12	Fremature Dirth.
" Remittent		••••	" 10 to 15 " 15 to 20		7	Males 2
" Scarlet		6	" 20 to 30		12	Females 2
" Typhoid		7	" 30 to 40		31 38	Total 4
Gangrene of Foot	1		" 40 to 50		89	Total 4
" Leg	1		" 50 to 60		40	Still-Born,
" Senile	2		" 60 to 70		42	
Hernia	1		" 70 to 80			Males 11
Homicide	î		" 80 to 90		18	Females 6
Hypertrophy of Heart			" 90 to 100		2	Total
	-		1	*****	-	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

	6, 1884.
1	DECEMBER
	SATURDAY,
	Ending
	WEEK

RAIN.		8	<u>8</u>	8.	8	 8:	 8		∭ £6.
HER.	11.07 P. M.	Cloudy.	Cloudy.	Clear.	Clear.	Clear.	Clear.	Clear.	
STATE OF WRATHER.	M. 3.07 P. M.	Lt. Snow.	Cloudy.	Clear.	Fair.	Clear.	Fair.	Lt. Rain.	
BTAT	7.07 A. M.	Cloudy.	Cloudy.	Clear.	Fair.	Fair.	Foggy.	Fair.	
E A	11.07 P. M.	9	80	•	12	•	•	15	
VELOCITY OF WIND.	8.07 P. M.	8	61	∞	16	-	10	«	
O V	70.7 .MA	-	∞	•		9	•	*	
40 N	11.07 M9	zi	Ä.	Calm.	*	Calm.	Calm.	ත්	
DIRECTION C WIND.	8.07 P. M.	zi	넖	ż	z	ಹ	σċ	S. Fi	
DIR	70.7 .M .A	≱.	zi	zi	zi	S.W.	Calm.	zi	
TY.	11.07 P. M.	88	25	8	72	:8	5	25	
RELATIVE HUMIDITY.	3.07 P. M.	2	39	55	47	8	8	92	
HH	70.7 .M .A	22	78	73	73	8	84	88	
	Min'm.	22	띯	뛿	8	8	8	83	
e e	Max'm	8	27	7	3	, 2 8	器	2	
Тневмометев.	Mean Daily Value.	85.0	86.8	85.8	36.1	42.1	44.6	80.0	1.02
HEB	11.07 M. A	8	%	8	8	4	å	8	
F	8.07 M. A	87	8	28	4	5	22	8	
	70.7 .M .A	88	*	8	8	8	8	8	
	Mean Daily Value.	80.13	30.17	30.16	29.97	30.17	80.19	29.85	80.09
BAROMETER.	11.07 P.M.	30.11	30.20	80.12	30.02	80.19	30.20	29.56	-
Ваков	8.07 P. M.	30.12	30.15	30.15	29.88	30.16	30.17	29.55 56.	
	7.07 A. M.	30.14	30.16	30.21	30.01	30.17	30.20	30.18	
Day.	ER.	80,	취 ~.	બ	&	4,	ń	ဖ	
Month and Day.	4884. NOVEMBER.	Sunday,	Monday, 1,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometar is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, DECEMBER 13, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC WARD.	H
Alcoholism	1		Infla'mat'n, Peritoneum.	1		First	26
Anæmia	2		" 8. & Bowels	8	4	Second	18
Aneurism of Aorts	2				1	Third	9 11
Apoplexy	9		Insanity	1		Fifth	7
Asphyxia	1	Я	l	- 1	5	Sixth	7 2 17
Asthma	4		Intussusception	8		Seventh	17 10
Bright's Disease	_	8	Jaundice	1	2	Ninth	4
Burns and Scalds			Laryngismus Stridulus	- 1	ī	Tenth	11
Cancer of Knee			Marasmus	1	8	Eleventh	7
" Liver			Measles	- 1	8	Twelfth Thirteenth	8
" Rectum			Neuralgia of Heart	1	- 1	Fourteenth	. 7 . 7
« Stomach		•••••	1 9 1	21		Fifteenth	18
	l .	•••••	Old Age	6	1	Sixteenth Seventeenth	4
O OCT OF	8	•••••	Paralysis	1	_	Eighteenth	4 7 8
Casualties	-		Pyæmia	- 1		Nineteenth	26
Cerebro-spinal Meningitis	ł .	2			1	Twentieth	15 10
Child-birth		•••••	Rupture of Uterus	1		Twenty-first Twenty-second	14
Concussion of Brain		•••••	Sclerosis of Spine	1	•••••	Twenty-third	9
Congestion of Brain	1	2	Septicæmia	3	•••••	Twenty-fourth Twenty-fifth	25 20
" Lungs	ſ		Softening of Brain	6		Twenty-sixth	8
Consumption of Lungs		2	Suicide, Shooting	1	•••••	Twenty-seventh.	19
Convulsions	ı	9	Syphilis		1	*Twenty-eighth	13
Croup		16	Tetanus		1	Twenty-ninth Thirtieth	16 9
Cyanosis		5	Tumor of Chest	1	••••••	Thirty-first	12
Debility	6	4	" Uterus	1		•Municipal Hospital	
Diabetes	1		Ulceration of Stomach	2		- Zenicipai zorpiani	, •-
Diphtheria	<i>.</i>	22	Uræmia	8	2		
Dropsy	3		TOTALS	230	142	Madula, ata	
" Abdominal		2	TOTALS	400	144	Nativity, etc.	
" of Heart	2		ļ.		-	United States	257
" Lungs	2					Foreign	94
Disease of Heart	12					Unknown	21
" Hip Joint		1				People of Color	19
Drowned	1					r copie or color	~~
Dyspepsia	1	1				1	
Eczema	1	1					
Effusion of Brain	1	1		.			
Enlargement of Heart						Males	190
Emphysema			Of the above there were:	.		Females	182
Erysipelas			Under 1 year		52	Boys	80
Fatty Degen. of Heart			From 1 to 2		25	Girls	62
Fever, Malarial			" 2 to 5		84		
" Scarlet		9	" 5 to 10		27	Premature Birth	
" Typhoid			" 10 to 15		8		
Gangrene of Breast			" 15 to 20		1	Males	8
Hemorrhage, Brain			" 20 to 30		32	Females	8
" Stomach	_		4 80 to 40		29	Total	6
Hooping Cough		1	4 40 to 50		28	10001	
Infla'mat'n, Brain		6	" 50 to 60		36	Still-Born.	
" Bronchi		7	" 50 W 00			Guil-Dolli,	
			" 60 to 70 " 70 to 80		43	Males	14
Diaduer		1	70 00 00		38	Females	8
· імгупх	ı	2	00 W 50		20		
" Lungs	26	12	" 90 to 100	•••••	4	Total	22
	1		<u> </u>		!	<u> </u>	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

Week Ending Saturday, December 13, 1884.

PAIN.	7 P.M. In.	Cloudy00	Cloudy00	Clear00	Clear, 00	Bain. 04	Cloudy28	=
STATE OF WEATHER.	8.07 P. M. 11.07 P. M.	Clear. Go	Clear. Clo	Fair. Cle	Clear. Cle	Cloudy. Lt.	Lt. Rain. Clo	_
STATE	7.07 A. M. 8	Clear. C	Cloudy.	Clear. F	Clear.	Cloudy. C	Lt. Rain. I	
E e	11.07 P. M.	21	2	••	•	-	13	_
VELOCITY OF WIND.	8.07 P. M.	81	2	24	•	2	14	_
OF C	70.7 .MA	16	8	=	64	o	16	
. O.	11.07 JM9	₩.	N.W.	×	8.W.	N.W.	X E	
DIRECTION O	8.07 F. M.	₩.	W.	₩.	₩.	B.W.	N.E.	
DIR	70.7 .M .A	₩.	₩.	W.	W.	8.W.	N.E	
IX.	11.07 P. M.	84	123	28	8	28	84	
RELATIVE HUMIDITY.	8.07 P. M.	42	19	3	62	57	100	
報品	70.7 .M .A	8	23	22	88	8	8	
	.m'aiM	62	88	æ	æ	8	8	
p i	.ar'xaM	62	器	\$	45	8	3	
Тневмометев	Mean Daily Value.	55.9	46.0	39.1	89.0	43.1	34.7	
ERM	11.07 P. M.	. B	4	8	88	8	器	
ä	8.07 P. M.	덍	47	4	£	4	8	
	7.0.7 .MA	প্ত	8	8	8	8	8	
	Mean Daily Value.	23.72	30.05	30.05	80.23	30.08	30.02	
CETER.	11.07 P. M.	29.80	30.14	30.16	30.17	30.10	%0.08 0.09	_
BAROMETER.	3.07 P. M.	29.68	30.05	29.91	30.21	30.05	29.95	
	7.07 A. M.	29.68	8.8	30.07	30.31	30.08	30.02	
Day.	BER.	7,	φ,	o,	, 10,	, n,	12,	
Month and Day	1884. DECEMBER	Sunday,	Monday,	Tuesday,	Wed'sday, 10,	Thursday, 11,	Friday,	

The surface of the mercury in the clatern of Barometer is 92.119 feet above the mean level of the sea, Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, DECEMBER 20, 1884.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH. F F F F F F F F F
Abscess of Neck		1	Infla'mat'n, Kidneys 4 1 First 2
" Stomach			Second
Alcoholism	ı –		I mru
Apoplexy	4		Lungs 13 15 Fourth 13 Peritoneum. 3
Asphyxia		1	a SA Rowels 4 4 Sixth
Asthma	1		" Seventh
Bright's Disease		2	Inauition 7 Ninth
Burns and Scalds		lil	Introduced I Tenth
Cancer, Diffused			Eleventu
" of Face	1		Marasmus
4 Liver	1 -		Nouvelete of Hoost Fourteenth
# Bectum	-	1 1	Filteenth
" Stomach			Old Age
" Uterus			Poisoning Gas 1 Eighteenth 1
Casualties	3	1	Nineteenth 2
Cerebro-spinal Meningitis	, -	1	() () () () () () () () () ()
Cholera Infantum		1 - 1	Twenty second 1
Cirrhosis of Liver		2	Twenty-third 1
		····-	
Congestion of Brain		5	Twenty-sixth 1
" Lungs		5	Twenty-seventh.
Consumption of Bowels	1		Shooting 1 Twenty-eighth 1
Tungs		5	Syphilis 1 1 Twenty-ninth 1
Convulsions		10	Thirty-first
Croup		31	" Ovarian 2 2
Cyanosis		1	Uræmia 2
Debility	4	1	Wounds, Gun-shot 1
Diarrhœs	3		TOTALS206 153 Nativity, etc.
Diphtheria	ļ	12	TOTALS
Dropsy	1		
" of Brain		1	United States 26
" Lungs	1		Foreign 9
Disease of Heart	10	2	Unknown
" Liver	1		People of Color 1
" Lungs	1		
" Spine	1		1 1 1
Effusion of Brain		2	
Empyema			Of the above there were: Males
Enlargement of Heart			Under 1 year 43 Females 18
Erysipelas	1		From 1 to 2
Fatty Degen. of Heart			" 2 to 5
Fever, Intermittent		1	" 5 to 10
" Malarial		ļ ⁻	" 10 to 15
" Scarlet		14	" 15 to 20
" Typhoid		4	" 20 to 30
Heart Clot		1	" 30 to 40
Hemorrhage, Bowels			
" Brain			
" Lungs			30 to 60
Hypertrophy of Heart			20 10 10 10 10 10 10 10 10 10 10 10 10 10
Infla'mat'n. Brain	1	7	70 to 80
Bronchi		1 1	Females
" Bladder	1 -	1	30 to 100 1
- DIMUGET	1		" 100 to 110 1 Total 18
	<u> </u>		

METROROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

Werk Ending Saturday, December 20, 1884.

BAIN.	. i	뙲	3.	<u> </u>	 8	ä			g;
HEB.	11.07 P. M.	Lt. Rain.	Fair.	Clear.	Cloudy.	Lt. Snow. Lt. Snow.	Clear.	Lt. Snow.	
STATE OF WEATHER.	A. M. 3.07 P. M. 11.07 P. M.	Cloudy.	Clear.	Clear.	Cloudy.	Lt. Snow.	Clear.	Clear.	
STAT	7.07 A. M.	Fair.	Lt. Rain.	Clear.	Cloudy.	Cloudy.	Clear.	Cloudy.	
Ħĕ	11.07 P. M.	00	22	10	12	22	15	•	
VELOCITY OF WIND.	7.07 A. M. 8.07 F. M. FI	-	24	15	4	14	8	10	
20	70.7 .M .A	61	2	4	•	16	ន	12	
90	11.07 T. A	ផ	X.W.	S.W.	N.W.	N.W.	zi	떮	
DIRECTION OF WIND.	3.07 P. M. 9	खं જ	N.W.	S.W.	N.W.	N.W.	ż	K. E.	
Ä	70.7 JM. A	N.E.	.W.	¥.	S.W.	N.W.	N.W.	N.W.	
AX.	11.07 11.07 P. M.	8	47	2	72	88	3	84	
RELATIVE HUMIDITY.	70.8	2	24	ತ	4	8	88	9	
# H	70.7 .MA.	64	8	8	2	8	84	18	
	Min'm,	8	28	嚴	ಪ	12	∞	*	
4	Max'm.	\$	9	3	4	8	*	•	
THERMOMETER.	Mean Daily Oulsy	82.1	42.6	36.5	36.9	19.0	909	3.	85.
HER	11.07 P. M.	88	2	8	2	7	*	•	
Ŧ	8.07 M. q	8		8	8	81	•		
	70.7 .MA	88	-	띯	8	8	*	-	
	Mean Daily Value.	30.31	29.80	30.12	29.92	30.11	30.48	30.59	30.18
BAROMETER.	11.07 P.M.	30.09	30.00	80.05	29.97	80.15	80.52	30.52	
Вако	3.07 P. M.	80.38	29.75	30.12	29.82	30.10	30.44	30.61	
	7.07 A. M.	30.48	29.66	30.19	29.97	30.16	30.16	30.65	
Day.	ER.	4,	15,	16,	17,	, 18,	19,	ล์	
Month and Day	1884. DECEMBER	Sunday,	Monday,	Tuesday,	Wed'sday, 17,	Thursday, 18,	Friday,	Saturday,	Меапв

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

180 Week Ending Saturday, December 27, 1884.

CAUSES OF DEATH.	ADULTS	MINORS.	CAUSES OF DEATH.	ADULTS	MINORS.	DEATHS IN EAC WARD.	н
Abscess, Pelvic	1		Infla'mat'n, Pericardium	1		First	24
Alcoholism			" Peritoneum.		1	Second	18
Apoplexy			4 S. & Bowels	5	5	Third Fourth	7
Bright's Disease	8	5	« Spine			Fifth	24 18 7 9 6 3 20
Burns and Scalds	1	2	Inanition		9	Sixth	3
Cancer of Arm	1		Jaundice			Seventh	20 10
" Bowels	1		Locomotor Ataxia			Eighth	5
# Jaw	1		Lymphadenoma Br. Gl's.			Tenth	6
# Stomach	1		Marasmus		8	Eleventh	6
" Uterus			Measles		3	Twelfth Thirteenth	14
" Pelvic	4		Old Age		1.7	Fourteenth	5 24
Casualties	5		Paralysis		1	Fifteenth	24
	1	******	Rheumatism of Heart		1	Sixteenth Seventeenth	7
Cerebro-spinal Meningitis	-	2	Sclerosis of Liver			Eighteenth	9
	1	7.1			******	Nineteenth	19
Cirrhosis of Liver	1	******	opine			Twenty-first	19
Congestion of Bowels	1		Septicæmia		1 2	Twenty-first Twenty-second	12
" Brain		4	Spina-Bifida	1000		Twenty-second	16
" Lungs	5	2	Stenosis of Heart		******	Twenty-fourth	27 20
Consumption of Bowels	1		Syncope			Twenty-fifth Twenty-sixth	16
" Lungs	53	8	Syphilis			Twenty-seventh.	16
Convulsions	247277	15	Trismus Nascentium		1	*Twenty-eighth	10
Croup		25	Unknown	100		Twenty-ninth	22 6
Cyanosis	1000	2	Uræmia	2	*****	Thirty-first	17
Debility	2	8	TOTALS	201	189	*Municipal Hospital,	0.
Diabetes	1	******		_	-	2.002	•
Diarrhœa	2	******					
Diphtheria		26				Madultu ata	
Dropsy of Brain	1	2				Nativity, etc.	
" Heart	1				1 1	United States	283
Disease of Heart,	6	1				Foreign	99
Dysentery	1				1 1	Unknown	8
Effusion of Brain		1			1 1	People of Color	29
Empyema		1				r copie or color	
Erysipelas	1	1					
Exposure	1						
Fatty Degen. of Heart	2						
Fever, Malarial	1				1	Males	214
" Puerperal	2	 	Of the above there were	1		Females	176
" Scarlet		9	Under 1 year	•••••	66	Boys	
" Typhoid	8	1	From 1 to 2	•••••	82	Girls	82
Heart Clot		1	" 2 to 5	• • • • • • •	55	·	
Hemorrhage, Lungs	1	l	" 5 to 10		22	Premature Birth.	
Hooping Cough		1	" 10 to 15		6	l	
Hypertrophy of Heart	1		" 15 to 20		8	Males	0
Infla'mat'n, Brain		9	" 20 to 80		44	Females	1
" Bronchi	2	9	" 80 to 40		84	Total	1
" Ear	1	l	" 40 to 50		27		_ :
	_	1	" 50 to 60		24	Still-Born.	
		l i l	" 60 to 70		85		
" Kidneys " Knee Joint					1	Males	11
" Knee Joint		11	" 70 to 80		19 !!		
" Knee Joint " Larynx	1		70 W 60		18	Females	6
" Knee Joint " Larynx		24	70 10 00	•••••	18 14 5		

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

Werk Ending Saturday, December 27, 1884.

BAIK.	년	1.22	4		. Si		<u> </u>		3
THER.	11.07 P.M.	Cloudy.	Cloudy.	Cloudy.	Cloudy.	Clear.	Clear.	Clear.	
STATE OF WEATHER.	3.07 P.M.	Lt. Rain.	Lt. Rain.	Cloudy.	Cloudy.	Cloudy.	Cloudy.	Cloudy.	***************************************
STAT	7.07 A. M.	Lt. Snow.	Foggy.	Fair.	Lt. Snow.	Cloudy.	Lt. Snow. Cloudy.	Cloudy.	
Fe	11.07 P. M.	21	21	91	-	16	16	∞	
VELOCITY OF WIND.	8.07 P. M.	61	9	2	=	13	18	12	
AO AO	7.07 A. M.	∞	4	21	ដ	92	8	72	<u> </u>
N OF	11.07 P. M.	₩.	8.₩.	z	N.W.	zi	Z E	ж Э	
DIRECTION WIND.	8.07 M.:T	`.	S.W.	N.W.	z	N.W.	Z E	Z.	
DIB	7.07 .M .A	N. E.	8.W.	N.W.	Z E	N.W.	Z E	Ä.E	
VE TY.	11.07 P. M.	26	16	11	29	8	8	\$	
RELATIVE HUMIDITY.	3.07 P. M.	. 8	188	53	8	86	8	5	
HU	70.7 .M .A	97	8	8	16	74	8	88	
	.m'niM	۰۵	a	73	19	ដ	*		
8	.m'xsM	\$	4	37	777	24	ដ	8	
Тневмометев.	Mean Daily Value.	27.2	87.4	23.0	23.3	21.4	17.2	24.9	24.9
HER	11.07 P. M.	88	87	23	8	10	15	8	<u> </u>
T	70.8 P. M.	<u></u>	4	8	13	21	- 20	-	
	70.7 .M .A	91	챯	<u></u> 지	12	23	25	8	
	Mean Daily Value,	30.02	29.76	30.34	30.19	30.44	30.60	80.62	30.28
Barometer.	11.07 P. M.	29.85	29.78	80.41	30.14	30.50	30.68	80.61	
BAROR	3.07 P. M.	29.96	29.64	80.88	30.11	30.47	30.58	30.61	
	7.07 A. M.	30.24	29.86	30.24	80.31	30.36	30.53	30.66	
Month and Day.	1884. DECEMBER.	Sunday, 21,	Monday, 22,	Tuesday, 23,	Wed'sday, 24,	Thursday, 25,	Friday, 26,	Saturday, 27,	Меврв

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

TABLE XIII.

Marriages, Births, and Deaths for each month during the year 1884.

1884. Months.	Marriages.	Births.	Deaths.
January	666	1,936	2,105
February	707	1,832	1,515
March	521	1,856	1,607
April	809	1,577	1,949
May	629	1,706	1,430
June	730	1,868	1,494
faly	556	1,878	2,210
August	571	1,958	1,529
September	811	1,937	1,480
October	966	1,915	1,666
November	885	1,779	1,468
December	786	1,918	1,546
,	8,637	22,160	*19,999

^{*} Premature births and still-born excluded.

Marriages, 9.30 in every 1,000 of the population. Births, 23.87 " " "
Deaths, 21.55 " " "

Table XIV.

Total deaths from fevers each week during the year 1884.

1884. Weeks ending.	Billious,	Catarrhal.	Brain.	Congestive.	Inflammatory	Malarial.	Malignant.	Gastric.	Intermittent.	Puerperal.	Remittent.	Continued.	Scarlet.	Typhoid.	Typhus.
											-	_		10	-
anuary 5		1 3									1	******	13	17	****
anuary 12		1								2	1		17 12	12	
anuary 26		1							*****			*****	25	14	.,
Sebruary 2										î	******		34	18	"1
February 9													18	12	
February 16										1			20	15	
February 22			1	*****						1			13	11	****
March 1		1											9	6	****
March 8	****					1				1			16	9	
March 15		*****				1	1			3		*****	18	21	
March 22				*****		1	******			1	1	******	12	14	****
March 29						2	*****			1			13	15	
April 5									*****		1		7	14	
April 12	*****	****		1		******				3		*****	5	9	
April 19	*****		2	*****						1	4	******	19	12	****
April 26						2				1			16	14	
May 3 May 10	*****	1		****		1				1		*****	12	16	
May 10	*****			******	*****	2			******		*****		16	10	+44
May 17													21	15	160
May 24			******										9	12	
May 31													22	14	
June 7	*****		*****	121475	*****	1							14	8	***
June 14 June 21	*****	1	*****	*****	*****	1							8	15	
June 21						2							17	8	***
June 28						1			1	1	*****		11 8	8	
July 5						1					*****		5	9	
July 12 July 19							1				1		6	12	***
July 26				*****									6	2	
August 2											1		6	8	
Angust 9	******	******		******	1	*** **		******		1			1	14	
August 9 August 16		*****						eccess		1			5	12	
August 23		1	1										6	16	
August 30											******		2	11	
September 6													4	15	
September 13										2	1			23	
September 20													5	17	
September 27													2	10	
October 4		******											3	20	***
October 11						2						*****	5	11	1
October 18	1		******	*****			******	*****	*****	*****	******	*****	1	13	
October 25	*****								******	1		*****	4	10	***
November 1	*****			******			*****		*****				4	9	+++
November 8						2					1	*****	4	9	
November 15			1		111111	1	+++++						11	16	
November 22				*****		1							11	19	
November 29												1	4	20	
December 6							1			*****	2		6	22	
December 13							*****			*****	*****		10	5	
December 20						1		1					22	12	
December 27		1		227734		1					2		9	9	

TABLE XV.—Cholera Infantum, June, 1884.

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Deaths per diem, with Meteorological Observations, etc.

	1 1	Ti	IERMOMET	ER.	BAROMETER.		
Days of the month.	Deaths per diem.	Mean daily value.	Maxi- mum.	Mini- mum.	Mean daily value.	Rain, inches.	Prevail- ing winds.
1		60.2	74	49	80,82		8.
2	1 1	64.9	79	51	80.17		8.
8	3	74.8	86	57	29.98		n.w.
4	' 1	75.4	86	66	80.08		w.
5		74.5	88	66	80.12		8.
6		73.7	84	63	80.11	••••••	8.
7		74.5	85	66	80.05		8. W.
8		70.7	82	65	29.97	.08	8. W.
9	2	69.7	88	63	29.79		s. w.
10	2	67. 4	85	60	29.84		E,
11		59.1	63	55	80.00	.11	N. E.
12		69.0	82	56	29.98	.13	N. E.
18	5	64.0	78	55	80.18	.12	E.
14	8	56.5	61	58	80.43	.01	N. E.
15		58.3	70	47	80.46		E.
16	5	68.4	81	50	80.25		w.
17	1	76.8	90	68	80.12		N
18	4	74.9	89	65	80.03		s. w.
19	1	78.7	94	68	29.92		8. W.
20	6	79.2	91	71	29.95		N.E.
21	5	82.5	93	70	29.95		n.w.
22	5	79.4	94	68	80.04		N. E.
28	8	78.7	86	63	30.18		8. E.
24	9	77.9	88	68	29.92		s. w.
25	18	77.8	86	72	29.82	.04	s.
26	8	58.7	73	57	80.06	2.48	N. E.
27	4	64.3	73	54	30.27		N.E.
28	5	66.5	76	57	80,29		N. E.
29	6	70.9	83	57	80.22		N. E.
80	8	72.3	81	63	80.08	.08	N. E.

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TABLE XVI.—CHOLERA INFANTUM, JULY, 1884.
Deaths per diem, with Meteorological Observations, etc.

Days		TH	ERMOMET	ER.	BAROMETER.		
of the month.	Deaths per diem.	Mean daily value.	Maxi- mum.	Mini- mum.	Mean daily value.	Rain,. inches.	Prevailing winds.
1	12	76.9	86	70	30.22	.03	8. W.
. 2	16	78.3	88	67	80.08		s. w.
3	17	76.5	87	71	29.90		N. E.
4	12	73.3	82	64	29.87	.33	S. E.
5	13	76.3	86	66	29.95	1.46	s.
6	15	75.2	83	63	29.83	1.06	N. W.
7	18	68.5	79	63	29.91		N. W.
8	12	65.8	73	59	29.89		N. W.
. 9	11	67.6	76	58	29.80		N. W.
.10	9	72.4	82	62	29.85		8. W.
11	18	78.3	86	65	29.90		8. E.
.12	8	74.7	84	66	29.83		s. w.
13	8	75.4	87	67	29.69	.01	N. W.
14	10	68.8	75	63	29.82		w.
1.5	6	70.2	77	59	29.87		N. W.
16	6.	66.4	76	60	29.83	.05	N. W.
17	7	67.1	74	59	29.92		N. W.
18	15	71.0	81	61	29.94		N. W.
. 19	11	75.1	85	66	29.93		s. w.
20	7	70.6	78	63	29.92		N. W.
21	9	70.5	80	61	29.98		w.
22	6	74.4	86	62	29.99		s. w.
23	6	76.2	92	65	29.90	.05	s. w.
24	15	80.8	91	70	29.89	.08	N. W.
25	10	72.8	77	67	29.91		N.
26	12	69.8	79	64	29.96	ļ	N. E.
27	13	65.6	69	62	29.84	.48	E.
28	8	65.9	73	60	29.97		8.
29	9	65.0	69	62	29.73	.25	N. E.
80	4	69.5	79	60	29.67	.01	N.
31	15	72.7	80	65	29.77	.02	8.

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TABLE XVII.—CHOLERA INFANTUM, AUGUST, 1884.

Deaths per diem, with Meteorological Observations, etc.

Days of the month. 1 2 3 4 . 5 6 7 8	11 15 5 7 6 5	Mean daily value. 74.0 74.0 71.1 70.3	Maxi- mum. 82 83	Mini- mum. 66 68	Mean daily value.	Rain, inches.	Prevailing winds. W.
2 8 4 . 5 6 7	15 5 7 6	74.0 71.1	83				w.
8 4 . 5 6 7	5 7 6	71.1		68	ļ		
4 . 5 6 7	7 6		77		80.16		N. E.
. 5 6 7	6	70.3		68	80.04	1.14	E.
6 7			85	65	29.91	1.71	8.
7	5	71.0	79	67	29.94	.86	8.
- 1		72.5	80	65	80.08		n.w.
8	4	69.2	73	67	80.00	.09	N.
	6	74.7	84	65	80.11	.02	N.
9	4	67.1	74	64	30.22		N. E.
10	9	67.9	76	62	80.09		N. E.
11	6	68.6	80	60	80.08		8. E.
12	5	67.1	73	62	30.17		N. E.
18	2	68.7	79	60	80.16		E.
14	3	73,2	84	63	30.12		w.
15	7	77.1	87	66	80.10		N. E.
16	8	73.4	85	68	80.17		N. E.
17	4	73.3	84	64	80,16	•••••	8.
18	10	75.5	83	67	80.11		s. w.
19	8	80.0	91	70	30.09		N. W.
20	4	82.7	95	70	30.06		s. w.
21	8	79.8	89	72	30.02		s.
22	5	76.2	86	70	29.97	.01	В.
28	8	74.4	83	67	29.95	.02	s. w.
24	8	67.3	76	61	30,13		N.
25	4	63.9	74	53	30,26		E.
26	4	72.4	79	63	30.07	.08	8.
27	6	72.3	82	66	80,15		8. E.
28	2	70,5	80	61	30.08		S. E.
29	8	73,6	76	66	29.80	.71	s.
80	1	74.3	83	68	29,75	.01	s. w.
81	5	71.4	80	. 66	29.85	.15	N.

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TABLE XVIII—CHOLERA INFANTUM, SEPTEMBER, 1884.

Deaths per diem, with Meteorological Observations, etc.

		Tı	iermomet	ER.	BAROMETER.		
Days of the month.	Deaths per diem.	Mean daily value.	Maxi- mum.	Mini- mum.	Mean daily value.	Rain, inches.	Prevail- ing winds
1	8	69.4	77	61	80.04		N.
2	4	70.8	81	62	30.15		8.
8	4	78.0	88	68	30.16		s. w.
4	3	75.7	87	66	30.20		8.
5	6	77.7	89	67	80.17		s. w.
6	5	80.0	92	70	80.16		w.
7	4	77.8	92	68	30.02		8.
8	8	78.8	. 89	69	30.01		s.
9	2	82.6	94	72	30.03		8.
10	5	81.0	92	78	30.05		8.
11	5	79.1	89	70	30.01		8.
12	6	68.9	78	64	80.15		N.
18	4	61.3	71	55	30.33		N.
14		56.8	67	47	30.44		N.
15	1	60.9	71	50	30,30		8.
16	2	68.7	80	57	29.98		8.
17	4	72.9	81.	64	29.80		8.
18	4	65.0	75	58	80.00		N. W.
19	8	60.7	70	52	30.25		w.
20	1	65.7	77	57	30.15		w.
21	8	59.9	70	51	30.23		8.
22	4	67.5	77	55	30.04		8.
23	2	71.0	82	62	30.05	.09	8. E.
24	8	72.8	82	65	80.10		s.
25	4	71.5	83	65	30.15		N. W.
26	2	63.9	74	57	30.37		E.
27	1	65.3	74	53	30.19		s.
28	1	75.0	83	59	29.89		s.
29	8	75.1	84	65	80.02	.01	N. W.
80	2	69.5	74	67	30.14	.10	8. E.

Table XIX.—Meteorological Summary for the year ending December 31, 1884.

Latitude, 39º 57'	Loi	Longitude, 75° 10'	75° 10′		Magn	etic va	Magnetic variation, 5°	5° 30′		Station	, Phila	Station, Philadelphia, Pa.	, Pa.		
	(Correct	MEAN BAROMETER. (Corrected for temperature and instrumental error	AN BAJ operatur	MEAN BAROMETER. temperature and instri	IR. trument	al error	(Elevat	MEA ion of th	MEAN TEMPERATURE. (Elevation of thermometer bulbs above ground,	PERATI ter bulb	JRE. s above p	ground,	. W.	WIND.	D SNOW. of gauge 6 feet.)
	only. mean	Š	ion of 117 feet	baromete .)	Elevation of barometer cistern above a-level, 117 feet.)	ароле			174 fee	3					
MONTH.	WASI	WASHINGTON TIME.	TIME.	•	VED.	.GA	WASH	WASHINGTON TIME.	LIMB.		SELF-REGISTER'G INSTRUMENTS.	HSTER'G	'dn	HOUR:	
	7 A. M.	3 P. M.	11 P. M.	EVN	HES:	SER	7 A.M.	3 P. M.	11 P. M.	KVN	(Set daily.)	aily.)	IM (
,	Ä	LOCAL TIMB.	ei ei	LHLY M	HO TSHI	EST OB	23	LOCAL TIME.	si	H LY M	.anaal	.anun	AVITING	ΛK	
,	7.08 A. M.	3.08 P. M.	11.08 P. M.	NOM	ніен	MOI	7.08 A. M.	3.08 P. M.	11.08 P. M.	LNOM	XsM	ia i M	PRE	Miles.	Total amount.
January February		30.023	30.044	30.046 29.991	30.777	29.022	26.4 38.6	32.2 43.0	39.0	29.5	55.0 65.0	10.0	o, z.	88	5.46
narcn April May	29.776 29.776 29.859	29.710 29.710 29.809	29.350 29.773 29.855	20.25 20.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75 30.75	30.108 30.106 194	28.09. 29.09. 29.09.	57.5 57.5 57.5	4.04.00 0.40.00 0.00.00	41.3 46.4 58.4	41.5 48.7 61.3	0.47 0.0.0 0.0.0	33.0 41.5	ZZ Ø	8 22	8.39 8.39 8.39
Jui'e. July		29.948 29.727	29.966 29.766	29.966	30.417 29.916	29.624 29.494	65.4 67.8	79.1	66.9 69.1	70.5	94.8 92.0	47.2 58.9	ZZ KE	4%	3.30 3.83 83
August September		29.915 29.965	29.952 30.007	29.941 30.000	30.205 30.391	29.601 29.634	68.4 64.6	78.9	70.1 68.0	72.5	95.4 94.1	53.6	ശ്ശ്	7 8	8.8 8.8
October November		29.999	30.045	30.036	30.477	29.653	52.3	64.3	55.1	57.2	83.7	31.7	zż	88	1.5 4.5 1.5
December		30.029	30.051	30.055	30.554	29.431	31.2	38.2	34.3	34.6	0.99	8.0	N.W.	3	83.88
Sums	359.542	358.945	359.403	359.296			593.5	711.7	621.4	642,3					39.34
Annual means.	29.962	29.912	29.950	29.941	30.777	29.022	49.5	59.3	51.8	53,5	Highest Lowes	Lowest 0.8			

Page 188—Continued.

		REMARKS.	·	January—Frosts, 14, 21, and 30. Rebruary—Frosts, 3; Iunar halo, 3. March—Chant halo, 6. April—Office moved on the 1st. Elevation of baxwaever being and 21,18 ft. to 117 ft. Thermometers from 55 ft. to 175 ft. Rain gauges from 10 ft. to 166 ft. Anenometer from 10 ft. to 166 ft. Anenometer from 10 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 175 ft. to 1					
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	WIND DIRECTIONS	NUMBER OF TIMES OBSERVED BLOWING FROM THE— (3 telegraphic observations only.)	E.	4504-001212300	133	P	3.2		
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			Меап.	73.4 73.4 73.4 81.5 81.5 80.0 78.3 76.1 67.9 67.8	912.7		76.1		
	RELATIVE HUMIDITY.	PERCENTAGE OF-	ъ. м.	887.7 87.0 87.0 87.0 88.1.2 88.1.7 7.1.2 1.2.2 1.2.2 1.2.2 1.2.2 1.2.2 1.2.2 1.2.2 1.2.2 1.2.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1.3.3 1	957.9		79.8		
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	.HTMOM	1884.		January February March May May June July September Getober Docember	Sums.		Annual means		

Table XX.—Total Deaths from Typhoid Fever from 1861 to 1884, inclusive, by Wards
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•	Male	8	392	277	198	182	270	363	372	285	325
•8	Total	419	191	242	\$	344	498	645	650	579	99
YEARS.		1875	876	1877	1878	1879	1880	1881		1883	
		187	187	187	187	187	188	188	88	188	1884.

* New Ward (25th) formed, formerly part of Nineteenth and Twenty-third Wards. † New Ward (26th) formed, formerly part of First.

+ New Ward (28th) formed, formerly part of Flist.

1 New Ward (27th) formed, formerly part of Twenty-fourth.

8 New Ward (28th) formed, formerly part of Twenty-second.

| New Ward (29th) formed, formerly part of Twentieth.

¶ New Ward (30th) formed, formerly part of Twenty-eixth.

° New Ward (31st) formed, formerly part of Nineteenth.

XXI.—Showing the number of deaths from typhoid fever in each of the past twenty-four years, from 1861 to 1884, inclusive, in each division of age, with the adults, minors, and totals. 3,818 11,778 Totals. sroniM. 7,960 183 4470 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 84170 841 Adults. : • : 8 8 8 8 64 2 8 210112041330580440811311104 693 552 2 8 745 44844488844868488444444848 8 8 8544846488777884884884488 1,070 \$ 2 1,732 8885588424848484854854453848 ಜ \$ AGES. 3,521 ន ೫ 1,605 2824222224462842644828282828 2 ೩ 744 9 15 335 ю 9 527 ~ 10 882488825288444888328888888 137 l year. 2 Under Totals..... YEARS. TABLE

TABLE XXII.—Showing a general summary of deaths, male and female, from typhoid fever, for the

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Table XXIII.—Showing a general summary of deaths, male and female, from scarlet fever, for the past twenty-three years.

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TABLE XXIV.—Showing a general summary of deaths, male and female, from consumption, for the past twenty-three years.

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TABLE XXV.—Mortality in each month, from all causes, during 1884.

	ages.	ıı▼	2,105 1,515 1,607	5,227	1,949 1,430 1,494	4.873	2,210 1,529 1,480	5,219	1,666 1,468 1,546	4,680	19,999
	.eron	тж	933 667 648	2,248	876 617 725	2,218	1,278 804 721	2,803	797 647 656	2,099	9,368
	20 30 40 50 60 70 80 90 110 110 120 Adults. Minors.		1,172 848 969	2,979	1,0 78 813 769	2,655	932 725 759	2,416	869 821 891	2,581	10,631
	110		-	-							-
	8	110	787	8	-	-	11	2		8	0
	8	8	21 0 41	8	15 6 11	32	1200	21	e 42	83	111
	8	8	97 76	232	882	187	62 56 47	165	888	194	778
	6	8	157 118 131	406	155 115 89	359	116 98 97	311	108 101 180	339	1,415
	8	70	186 115 136	437	136 113 94	343	163 95 104	362	125 119 146	830	1,582
	25	69	160 118 130	408	131 142 139	412	156 109 94	329	21 22 23 23 23 23	343	1,522
AGES.	\$	28	162 124 130	425	192 117 115	474	141 99 117	357	128	698	1,575
	8	\$	061 441 561	490	192 129 137	458	138 140 150	428	162 132	458	1,829
	8	8	206 159 177	542	186 131 122	439	52 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	416	153 151 152	456	1,853
	15	ଷ	51 46	138	258	132	484	128	288	122	520
ļ	2	15	282	88	ន្តន្តន	82	2188	88	882	82	336
	10	2	S 22 22	232	828	878	55 60 60	167	88 88	269	96
	61	20	22 25 141	505	851 100 100	888	137 81 87	305	133 175 186	493	1,691
		64	888	319	104 47 113	291	161 142 107	410	105 97 120	322	1,342
7897	ger 1 y	πU	398 286 287	971	428 261 388	1,077	861 467 382	1,710	384 215 216	815	4,573
	. [8*	GĮI	454 319 295	1,068	403 290 342	1,035	577 407 833	1,317	361 310 300	971	4,391
	*8/	Boy	674,88,88	1,180	473 327 383	1,183	201 888 888	1,486	337 355	1,128	4,977
	nales.	Fei	1.049 757 787	2,593	947 714 714	2,375	1,041 777 723	2,541	773 785 752	2,260	9,769
	168.	вM	1,056 758 820	2,634	1,002 716 780	2,498	1,169 752 757	2,678	888 733 794	2,420	10,230
	1884. Months.		January February March	Total 1st quarter	April	Total 2d quarter	July August September	Total 3d quarter	October November December	Total 4th quarter.	Total for the year.

Table XXVI.—The following table will show the number of Small-pox cases and deaths in each week during the year 1884:

Wee	1884. ks ending.	No. of cases.	Deaths.	1 Week	No. of cases.	Deaths.	
January	5	20	1	July	5	2	1
"	12	54	1	"	12	8	1
"	19	2	1	"	19		1
"	26	8	1	"	26	1	
February	2	6		August	2	1	1
"	9	5		"	9	1	
"	16	• 12	1	"	16	5	1
"	23	2	1	"	23		
March	i		1	"	80		1
"	8	6	1	September	6	2	1
"	15	10			18		
"	22	5	2	"	20	2	
"	29	10		"	27	1	1
April	5	7	2	October	4	1	
u	12	8		"	11	1	
**	19	4	1	"	18		
44	26	2	1	u u	25 ·		
May	8	7	1	November	1		
4	10	7	1	u	8	5	
u	17	6	4	"	15	1	
4	24	8	1	"	22		
u	81	4	1	"	29	3	
June	7	5	1	December	6		
4	14	6		"	18	1	
4	21	4	1		20	5	1
4	28	1	2		27	2	_

TABLE XXVII.—Monthly return of Small-pox cases in each Ward during the year 1884.

	ĺ	1	ا ما	Ι.	1	<u> </u>	1	1	Ī	ī	Ī	1	1
Wards.	Jan.	Feb.	March	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Totals.
First			1	1	1						3		6
Second	ļ	 			ļ		ļ					1	1
Third	1					ļ	1			 			2
Fourth	ĺ				Ì					i			
Fifth	1									1	1	2	5
Sixth					1					 .	 .		1
Seventh	ļ	ļ	 .	1	ļ	1		ļ	 .				2
Eighth	1			1		1				: 		1	4
Ninth	1					 .				 .			1
Tenth				 		 .			.		1		1
Eleventh	••••		2	6	4	8		1		1			17
Twelfth	2	2	1	1	4	1							11
Thirteenth		1	 .	 .							ļ		1
Fourteenth	1												1
Fifteenth	1												1
Sixteenth	1		2	2				4	1				10
Seventeenth		4	4	5	2	1	2		2				20
Eighteenth	1	1		2	2			1	1				8
Nineteenth	8	4	2	1	2	3							20
Twentieth	1				1		2						4
Twenty-first	1		1	1	1						1		5
Twenty-second			1			1							2
Twenty-third	2	5											7
Twenty-fourth		2		1	2								5
Twenty-fifth	6	1				2			1			1	11
Twenty-sixth				i									
Twenty-seventh	1												1
Twenty-eighth			3	3	1			<u></u>				1	8
Twenty-ninth			1	1	2	6						4	14
Thirtieth		1										1	2
Thirty-first	1	4	3	5		1	1	1					16
							_			_	_	_	107
	30	25	21	31	23	20	6	7	5	2	6	11	187

Table XXVIII.—Showing the number of Small-pox cases and deaths in each Ward during the year 1884.

WARDS.	Cases.	Deaths.	Wards.	Cases.	Deaths
First	6	1	Eighteenth	8	1
Second	1	1	Nineteenth	20	8
Third	2		Twentieth	4	2
Fourth			Twenty-first	5	1
Fifth	5		Twenth-second	2	1
Sixth	1	1	Twenty-third	7	1
Seventh	2		Twenty-fourth	5	
Eighth	4	1	Twenty-fifth	11	3
Ninth	1		Twenty-sixth		
Tenth	1		Twenty-seventh	1	
Eleventh	17	4	*Twenty-eighth	8	1
Twelfth	11		Twenty-ninth	14	3
Thirteenth	1		Thirtieth	2	
Fourteenth	1		Thirty-first	16	
Fifteenth	1		Municipal Hospital		5
Sixteenth	10	2			
Seventeenth	19	4	Total	186	35

Ratio of deaths, 1 in 5.3

^{*}Deaths in Twenty-eighth Ward does not include those occurring in Municipal Hospital.

Table XXIX.—The following table will show the number of Small-pox cases and deaths in each Ward during the year 1884, together with the population (census of 1880), area in square miles, etc.:

Wards.	Population. (Census of 1880.)	Ares in square miles.	Савея.	Deaths.
First	43,085	5,509	6	1
Second	28,498	.442	l i	1
Third	18,271	.191	2	, -
Fourth	18,853	.229	-	
Finh	16,368	.321	-5	
Sixth	10,004	.321		1
Seventh			1	1
	31,087	.439	2	
Eighth	19,545	.435	4	1
Ninth	12,481	.400	1	1
Tenth	23,363	.359	1	
Eleventh	12,930	.210	17	4
Twelfth	14,690	.198	, 11	
Thirteenth	18,646	.259	. 1	
Fourteenth	22,354	.300	1	
Fifteenth	47,865	1.049	ī	1
Sixteenth	17,802	.281	10	2
Seventeenth	20.451	.251	19	1
Eighteenth	29.854	.650	18	ī
Nineteenth	43,887	.698	20	8
Twentieth	43,207	.784		2
			4	
Twenty-first	19,699	7.129	5 2 7	1
Twenty-second	31,798	18.114	Z .	1
Twenty-third	26,522	42.716		1
Twenty fourth	46,057	9.725	5	
Twenty-fifth	36,104	10.359	11	8
Twenty-sixth	35,138	7.481		l
Twenty-seventh	23,284	11.680	1	
Twenty-eighth*	84,442	6.343	8	1
Twenty-ninth	40,787	1.400	14	8
Thirtieth	29,100	.519	1 <u>2</u>	1
Thirty-first	31,308	.020	16	
Municipal Hospital		••••••		5
Totals	846,960	129.450	186	35

^{*} Deaths in Twenty-eighth Ward does not include those occurring in Municipal Hospital.

Ratio of deaths, 1 in 5.8.

TABLE XXX.—Deaths in each year from Small-pox, from 1807 to 1884, inclusive, with the average population of each year, and deaths to every 1,000 persons living.

Ye	ars.	Deaths.	Deaths to 1,000 persons living.	Yes	ars.	Deaths.	Deaths to 1,000 person living.
1807)		32	.28	1846		251	.61
1808		145	1.28	1847		9	.02
1809	٠. ا	101	.90	1848		100	.24
1810	<u>g</u>	34	.30	1849	62.	152	.37
1811 }	Pop. 111,210.	117	1.04	1850	7,98	40	.09
1812	ģ.	•••••	•	1851	. 4	216	.52
1813	ĕ.	•••••	•••••	1852	Pop. 408,762.	427	1.04
814		•••••		1853		57	.18
815		•••••	•••••	1854		40	.09
1816		97	.77	1855		275	.67
817		52	.30	1856		390	.68
818	7.	8	.05	1857		65	.11
819	Pop. 137,097.	1		1858		7	.01
820 }	82			1859	8	2	.003
821	ġ	•••••		1860	Pop. 565,529	57	.10
822	ρ.			1861	18	758	1.34
823		160	1.16	1862	5	264	.46
1824		325	2.87	1863	_	171	.30
825		6	.04	1864		260	.45
826		3	.01	1865		524	.92
827	- 1	100	.52	1866		144	.21
828	~	107	.56	1867		48	.07
1829	57,	81	.42	1868		48	.07
1830 }	· 🛎	86	.45	1869	8	6	.008
831	Pop. 188,797	14	.07	1870	74,0	9	.01
832	A	37	· .19	1871	. 6.	1,879	2.78
833		156	.82	1872	Pop. 674,022.	2,585	3.83
834		195	1.03	1873		39	.05
835		101	.58	1874		15	.02
836	.	76	.38	1875		54	.08
837		79	.34	1876		407	.45
838		42	.16	1877		155	.17
839	죓	5	.01	1878		•••••	
1840	86	63	.24	1879	86	6	.006
841	Pop. 268,034	259	1.00	1880	Pop. 846,980.	424	0.5
842	Po	156	.60	1881	ģ	1,336	1.57
1848	-	36	.18	1882	Ā	314	0.3
1844		17	.06	1883		173	.02
1845	ĺ	190	.73	1884		35	.04

TABLE XXXI.

Total weekly deaths (still-born excluded), with Meteorological Observations, etc.

Weeks ending 1884.		Total weekly deaths (still-born excluded).	THERMOMETER.			BAROMETER.	RAIN.
			Mean.	Max.	Min.	Mean.	Inch.
January	5	427	30.8	49	10	80.07	.63
	12	393	29.4	55	• 10	30.08	1.87
u	19	876	30.8	50	18	30.10	1.55
•	26	446 463	26.3 34.8	45 47	18 19	30.27 30.25	.96 .41
February	2	397	44.0	65	34	30.16	1.17
"	16	379	41.8	63	24	30.30	.88
61	23	379	43.3	57	26	30.01	2.72
March	1	360	29.6	48	10	29.90	1.03
"	8	389	30,2	42	19	30.03 '	1.27
"	15	430	41.8	55	29	30.14	1.09
"	22	376	45.4	58	35	30.2 0	1.80
44	29	412	52.5	63	38	29.79	.54
April	5	402	40.0	56	27	29.70	.74
"	12	404 426	43.0	57 73	33 39	29.84 29.94	.39
"	19	426 353	51.5 51.7	66	36	29.95	.13
May	26	364	60.9	76	39	30.07	.10
may 	10	347	55.6	72	44	29.92	1.03
44	17	361	56.6	71	46	29.85	1.10
**	24	356	70.8	88	53	30.01	.34
44	31	366	58.4	80	41	30.00	.92
June	7	354	71.1	88	49	30.11	
"	14	364	65.2	85	53	30.03	.40
"	21	374	74.0	94	47	30.09	0.50
**	28	402	71.2	94	54	30.07	2.52
July	5	394	74.9	88 86	64 58	29.96 29.11	1.90 1.06
"	12	475 470	71.0 70.6	87	59	29.84	.06
66	19 26	417	73.5	92	61	29.93	.13
	2	454	69.5	83	60	29.88	.7€
August	9	388	70.8	85	64	30.03	3.32
66	16	392	70.9	87	60	30.13	1
64	23	383	77.3	95	64	30.05	.03
44	30	366 .	70.6	83	. 53	30.03	.80
September		386	73.9	92	61	30.10	.15
- 4	13	425	75.7	94	55	30.04	
"	20	339	64.4	81	47	30.13 30.16	.09
	27	330	67.4 68.9	83 84	51 49	30.12	.37
October	4	347 328	63.6	83	41	30.05	.01
"	11 18	363	55.9	79	36	30.06	11
44	25	308	54.0	77	34	30.24	.46
November		320	50.1	66	31	30.21	.70
66	8	341	45.3	65	28	30.16	.60
41	15	394	47.6	60	82	30.18	1
"	22	361	41.1	65	30	30.17	.16
	29	372	40.8	64	23	29.88	1.55
December	6	425	40.1	64	29	30.09	.53
- 4	10	372	41.6	62	29	30.07	.32
"	20	359	25.3	49	05	30.18	1.41
**	27	390	24.9	40	5	30,28	1.41

TABLE XXXII.

Meteorology, etc., for the year 1884.

	,				• METEO	BOLOGY.	
Consumption of lungs.	Inflammation of lungs.	Bronchitts.	Death rate per 1,000 inhabitants.	Mesn tempersture.	Mean barometer.	Number of miles traveled by the wind.	Total rain (in inches).
2,801	1,253	876	21.55	53,5	29.94	79,760	89.84



TABLE XXXI.

TABLE XXXII.

The following table will show the number of still-births returned for the year 1884, monthly and by wards.

									ы		٠		
Wards.	January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	. December.	Total.
First Second Third Fourth Fifth Sixth Seventh Eighth Ninth Tenth Eleventh Twelfth Thirteenth Fourteenth Fifteenth Sixteenth Sixteenth Fourteenth Fifteenth Sixteenth Seventeenth Thericenth Twenty-first Twenty-second Twenty-second Twenty-sixth Twenty-sixth Twenty-sixth Twenty-seventh Twenty-seventh Twenty-seventh Twenty-seventh Twenty-seyenth Twenty-seyenth Twenty-sighth Theriteth Thirtieth Thirtieth Thirtieth	1 2 4 2 2 1 2 2 4 2 1 2 2 4 2 1 1 3 2 1 1 1 1 6 4 3 1 1 1 8 5 5 5 3 4 4 0 4 5	212343 1122311225224312325514425	666153 	23 43 38 12 1 21 21 23 66 25 44 44 21 34 22 13 42 21	64 22 51 32 33 1 11 12 24 5 5 1 4 4 2 1 4	2 2 2 1 1 1 1 1 1 1 1 1 4 6 6 2 2 4 1 1 2 4 3 3	51414312223172322532210399143222	52311 1221121444221611 311454 411	211374 2312 2111215 414224223	44 33 31 51 11 22 41 11 22 7 11 18 22 24 11 49 88 11 58	644411 2225 3111 2221443665 233188338814	33 1 5 2 1 1 3 3 3 1 5 4 4 8 5 5 1 2 1 5 5 5 4 2 5 5 3 2	47 322 38 311 12 38 24 23 18 27 14 22 40 11 12 42 55 51 11 14 56 62 18 42 18 42 18 42 43 43 44 45 46 46 46 46 46 46 46 46 46 46 46 46 46
Totals	101	68	92	75	78	56	92	70	68	92	85	74	951

PREMATURE BIETHS.—The number of premature births returned for the year was three hundred and twenty-two (322).

Meteorological Summary for ten years (1872 to 1881 inclusive), from the records of the Signal Office,

	B,	BAROMETER.	ej.	THI	THERMOMETER.	TRE.	-1		WIND.	•	BAIN O	BAIN OR SNOW.	ha th.
1872.	Мевп.	Highest.	Lowest.	Мевп.	Highest.	Lowest.	Relative Hu midity.	Prevailing Direction.	Maximum Velocity.	Total Movement.	Amount in inches.	No. of days on which it fell.	Total dest nom dese ni
Janusry	30.058	30.521	29.680	29.4	51	•		W.			0.95	•	2,536
February	30.011	30.649	29.490	31.2	22	13		N.W.			1.12	60	1,939
March	30.054	30.525	29.554	32.1	22	I Ç		N. W.			3.67	=	1,802
April	30.063	30.403	29.603	51.6	81	æ		W. N. W.			2.60	=	1,680
May	29.975	30.315	29.493	61.5	8	\$		W. N. W.		8,258	3.15	•	1,755
June	29.976	30.056	29.511	72.7	8	88		W. S. W.		6,894	4.29	12	1,400
July	29.970	30.240	29.742	78.6	88	8		W. S. W.		6,526	9.20	82	3,243
August	30.045	30,300	29.696	76.9	8	28		8. W.		5,370	7.81	16	1,666
September	30.049	30.305	29.761	67.5	35	25	:	N. W.		4,761	3.66	91	1,130
October	30.105	30.570	29.611	52.9	72	87		N.W.		7,457	5.20	•••	1,240
November	30.099	30.600	29.595	41.2	88	91		N.W.	:	6,381	3.40	6	866
December	30.160	30.586	29.648	28.9	21	10		N. W.		7,989	2.74	6	1,255
Mean	30.047			51.8									
Total											47.79	130	20,544

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9	Ř	BAROMETER.	ei	TH	THERMOMETER.		-	A	WIND.		BAIN 0	RAIN OR SNOW.	ths nth.
1873.	Mean.	Highest.	Lowest.	Мевп.	Highest.	Lowest.	Relative hu midity.	Prevailing direction.	Maximum velocity.	Total nemevom	Amount in inches.	No. of days on which it fell.	seb latoT tom dase ni
January	30,113	30,585	29,500	28.9	8	Zero.	75.5	Z. E.	8	7,318	5.84	71	1,724
February	30.016	30,590	29.230	8.62	8	Zero.	6.69	N. W.	33	7,027	4.75	11	1,299
March	30.001	30.758	29.090	87.1	28	۰.	4.99	N. W.	\$	10,380	2.04	7	1,658
April	29.947	30,274	29,609	45.3	88	æ	41	N.W.	33	7,739	8.51	16	1,287
Мау	30.00	80.440	29.520	9.69	28	\$	99	S. W.	8	7,252	5.83	12	1,272
June	29.996	30.417	29.616	9.07	93	49	63.	.₩.	8	6,971	0.90	2	1,289
July	30.023	80,339	29.763	76.4	\$	19	8	8. W.	8	6,839	2.00	13	2,265
August	30,065	30,362	29.783	72.3	88	28	75.	. w.	ន	5,881	11.49	19	1,443
September	30.096	30.409	29.668	1.99	8	14.	7.	. ₩	88	5,591	8.58	12	1,129
October	30.073	30,547	29.257	54.7	74	23	3	N. W.	8	7,538	5.20	2	1,316
November	29.992	30.640	28.901	38.3	28	31	2.	N. W.	8	6,672	5.10	16	1,024
December	30.165	30.654	29.352	. 38.3	20	19	89	S. W.	æ	7,412	1.38	7	1,030
Mean	30.041			51.4			64.6						
Total										86,120	64.62	160	16,736

Meteorological Summary—Continued.

hs nth.	teeb latoT om dese ni	1,510	1,263	1,533	1,310	1,202	1,088	1,875	1,350	1,174	1,360	1,144	1,506		16,315
RAIN OR SNOW.	Mo. of days Mo. of days Mo. of days	10	13	15	19	12	11	12	*	•	80	80	Ħ		136
RAIN O	Amount in inches.	4.58	2.46	2.16	9.76	2.75	3.02	2.25	5.65	6.01	2.87	2.32	2.48		46.31
	Total Movement.	8,952	8,210	10,123	9,191	7,141	6,657	6,826	6,177			6,411			
WIND.	Maximum Velocity.	88	8	88	88	\$	器	88	22	75	8	83	23		
	Prevailing Direction.	S. W.	N. E.	N.W.	æi	S. S. W.	W. 8. W.	W.S.W.	E. N. E.	ផ	W. N. W.	N.W.	Ψ.		
-n	Relative H	.11.	8 6	3	72.	58.	79	64.	61.	71.	65.	.19	67.	65.5	
ER.	Lowest.	3	11	19	17	88	51	99	126	52	88	23	Ħ		
THERMOMETER.	Highest.	98	72	29	\$	81	97	91	32	&	11	88	57		
Тн	Меяп.	36.7	33.2	40.0	42.5	59.9	73.0	74.7	11.1	0.89	92.0	41.8	35.7	52.6	
£R.	Lowest.	29.590	29.660	29.537	29.364	29.521	29.591	29.779	29.614	29.440	29.675	29.163	29.638		
BAROMETER.	Highest.	30.679	30.685	30,458	30,651	30.520	30.344	30.286	30.311	30,358	30.512	30.728	30.834		
pri	Мевп.	30.193	30.174	30.022	30.055	29.982	29.990	30.030	30,030	30,100	30.115	30.200	30.176	30.089	
	1874.	January	February	March	April	Мау	June	July	AugustAugust	September.	October	November	December	Меап	Total

Meteorological Summary—Continued.

		i	ma fan inna	3		6		· nommmoo					
	B,	Barometer.	æ.	Тнв	THERMOMETER.	ER.	-1	•	WIND.		RAIN OR SNOW.	SNOW.	ad: .dt.
1875.	Меяп,	Highest.	Lowest.	Меап.	Highest.	Lowest.	Relative Hu midity.	Prevailing Direction.	Maximum Velocity.	Total Movement.	Amount ni sadonl	No. of days on which it fell.	Total desi
January	30.231	30.787	29.666	26.1	4	ĵ	71.	N. W.	8	7,629	2.83	16	1,34
February	30.131	30,671	29.370	26.1	22	Ţ	.99	N. W.	45	8,159	3.20	. 12	1,39
March	30.104	30.491	29.380	34.9	19	13	.69	ផ	43	7,278	3.03	91	1,84
April	29.978	30.449	29.551	45.5	11	8	29.	N W.	98	7,322	2.80	16	1,37
Мау	29.993	30.325	29.457	61.4	88	4	12,	S. W.	43	7,676	1.36	6	1,39
June	30.034	30.239	29.711	70.5	32	51	65.	S. W.	45	6,544	4.13	14	1,76
July	29.996	30.259	29.631	74.6	8	19	99	S. W.	8	6,200	3.63	=	1,74
August	30,035	30,333	29.719	72.4	38	28	.92	S. W.	8	6,501	6.42	18	1,92
September	30.035	30.429	29.573	64.1	8	3	. 9	₩.	*	6,256	2.53	9	1,17
October	30.015	30,555	29.361	53.7	74	æ	33	W.	\$	7,256	1.42	•	1,16
November	30.167	30.750	28.536	39.7	62	•	89	₩.	42	7,339	5.40	41	1,09
December	30.042	30.743	29.419	34.7	33	4	76.	N. W.	1 8	7,664	8.37	41	1,58
Mean	30,059			50.3			66.7						
Total										85,824	40.12	151	17,80
				* D	* Degrees below zero.	ow zero.							

1,336

Total deaths in each month. 1,662

2,523

18,892

,242

242

1,525

No. of days on which it fell. RAIN OR SNOW. 131 аэцопі. 47.88 ai ai 98,580 Мочетель [atoT Maximum Velocity. WIND. Prevailing Direction. ≩ N.W. × ¥ ≱ Meteorological Summary—Continued. ż œi σά ż Relative Hu-midity. 9.99 69 Ą Lowest. 8 THERMOMETER. Highest. 8 88 83.8 52.6 25.55 мевп. 29.047 29.541 Lowest. BAROMETER. 30,218 30.614 30.451 30,698 30.451 Highest. 30.020 83 30.061 Мевп. Š Total January...... December..... September 1876. November

Meteorological Summary—Continued.

	Ŕ	BAROMETER.	pi	THE	Тневмометев.	rer.			WIND.		RAIN OR SHOW	SHOW.	hs Ath
1877.	Меяп.	Highest.	Lowest	Mean.	Highest.	Lowest.	Relative Hu-	Prevailing Direction.	Maximum Velocity.	Total Movement.	tmount. at .esdoni	No. of days no which it fell.	Total deatl
January	30,163	30.647	29.243	28.4	64	.00	76.	W.	\$	206'9	2.62	Ħ	1,396
February	30.084	30.565	29.402	36.9	8	91	ž	W.	2	7,907	98.0	9	1,131
March	30,001	30.582	29.120	38.2	67	15	3	N.W.	2	10,925	3.40	13	1,314
April	29.983	30.403	29.419	90.0	8	8	36	Ä	3	8,627	2.66	6	1,339
May	29.997	30.389	29.460	60.7	06	7	Z	Z.	23	7,449	1.10	6	1,535
June	29.997	30.293	29.611	7.1.7	88	25	67.	W.	8	6,661	5.22	10	1,252
July	29.963	30.264	29.708	8.77	8	61	70.	W.	88	6,241	5.53	13	2,097
August	29.964	30.223	29.689	75.5	88	8	8	W.	56	6,069	99.0	«	1,871
September	30.077	30.328	29.718	8.99	3 5	æ	76.	8. W.	æ	6,191	2.74	•	1,065
October	30.062	30.582	29.301	57.4	20	#	4	8. W.	8	7,871	6.52	=	1,282
November	30.129	30.618	29.814	46.6	88	22	72.	N.W.	8	8,887	5.14	=	1,020
December	30.179	30.630	29.342	40.6	8	ន	73.	Z E	88	7,996	0.83	4	1,202
Mean	30.048			54.2			68.1						
Total										91,591	37.26	113	16,004

Total deaths in each month. 1,222 1,202 1,222 1,346 1,200 1,617 1,617 1,127 1,127 1,1361 15,743

No. of days on which it fell. RAIN OR SNOW. 2 inches. 3.20 34.53 anomy 91,010 5,882 Total Movement. Maximum Velocity. WIND. 3 Prevailing Direction. ₹ ĸ ₹ 3 × `. × Meteorological Summary—Continued. ż σά σż ż œ Relative Hu-midity 68.2 62. 67. 6. 걾 62. 8 6 æ Lowest. 8 88 88 23 3 THERMOMETER. Highest. 8 32.7 32.6 6.9 67.9 77.8 73.4 67.9 58.1 44.8 34.5 7.7 Mesn. 28.797 Lowest. BAROMETER. 30,584 Highest. 30.018 29.987 Меяп. anuary february November December A pril...... 1878. Total.

Meteorological Summary—Continued.

	B.	BAROMETER	ď	THU	THERMONETER.	ER.	-1	*	WIND.		RAIN OR SNOW.	SNOW.	hs Ath.
1879.	Мезп.	Highest.	Гожеві.	Mean.	Highest.	Lowest.	Relative Hu midity.	Prevailing Direction.	Maximum Velocity.	Total Movement.	tanomA ni sedoni	ayab to .oV doidw no liel ti	Total deat
January	30.069	30.526	29.274	29.9	99	Ţ	72.3	N. W.	8#	9,246	2.78	7	1,74
February	30.087	30.777	29.545	29.9	33	o o	71.3	N.W.	8	8,512	1.19	12	1.36
March	30.108	30.700	29.382	41.3	69	19	9.69	N.W.	48	7,539	2.28	12	1,46
April	29.935	30.422	29.388	49.1	86	22	63.3	N. W.	28	8,991	4.21	13	1,25
May	30.084	30.508	29.722	63.6	91	42	64.5	S. W.	27	6,965	1.22		1,06
June,	29.984	30.298	29.480	7.1.7	88	49	68.5	S. W.	8	906'9	6.77	-14	9,1
July	29.986	30.298	29.555	75.6	83	61	65.6	S. W.	88	7,160	3.62	6	1,88
August	29.961	30.183	29.708	72.7	88	18	73.2	S. W.	33	898'9	7.18	12	1,34
September	30.144	30.457	29.752	64.4	\$	£	71.1	න්	æ	6,356	1.12	6	1,09
October	30.168	30,816	29.556	61.7	82	32	6.99	S. W.	8	6,132	0.41	9	1,15
November	30,165	30,587	29.472	44.7	22	19	68.0	N.W.	9	8,263	1.38	=	1,01
December	30.184	30.651	29.611	8.88	61	=	~76.3	S. W.	33	7,964	4.69	13	1.08
Mean.	80.073			53.6			69.2						
Total										90,902	36.75	128	15,47
				* Deg	* Degrees below zero.	W zero.							

ned.	WIND.
-Contin	
Summary	IERMOMETER.
logical	Тня
Meteoro	BAROMETER.

				٠,		•							
		BAROMETER.	ei	TH	Thrrmometer.	ER.	-1		WIND.		RAIN OR SNOW.	SNOW.	ths nth.
1890.	Мевп.	Highest.	Lowest.	Мевп.	H1ghest:	Lowest.	Relative H.	Prevailing Direction.	Maximum Velocity.	Total Movement.	Amount in inches.	No. of days on which it fell,	asb latoT om dsas ni
January	30.190	30.714	29.559	41.0	83	19	75.0	N.	33	6,728	1.51	12	1,46
February	30.120	30.637	29.163	39.1	42	12	68.4	N.W	3	8,256	2.43	91	1,21
March	30.067	30.498	29.348	93.6	75	8	67.8	z E	\$	9,643	8.53	9	1,68
April	80.022	80.874	29.543	52.4	25	83	57.1	₩.	4	9,624	2.43	9	1,35
May	30.063	30.362	29,764	68.8	88	8	59.0	8. W.	3 5	8,367	0.54	9	1,66
June	29.999	30.291	29.652	73.8	\$	21	62.6	`.	22	6,848	1.67	1	1,65
July	29.993	80.196	29.688	75.6	*8	8	65.2	S. W.	22	6,322	7.74	12	1,74
August	30.068	80.447	29.729	72.8	8.	8	70.3	S. W.	ĸ	6,839	2.09	13	1,60
September	80.064	30.379	29.650	67.7	16	8	67.0	N.W.	8	998'9	1.10	2	1,10
October	80.123	30.448	29.484	55.1	83	*8	67.5	S. W.	8	6,870	1.74	12	1,15
November	30.253	30.775	29.546	40.5	8	2	67.9	N.W.	82	7,293	1.75	. 7	1,25
December	30.046	30,508	29.655	28.6	22	ĵ	74.8	N. W.	8	9,555	4.05	Ħ	. 1,820
Mean	30.092			54.6		"	66.8						
Total.										92,211	33.58	122	17,71
				<u>a</u>	* Degrees below zero.	OW Mero.							

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	A	Barometer.	ei	THI	THERMOMETER.	EB.	-1		WIND.		RAIN OR SNOW	R SNOW.	as. Ath.
1887	Мезп.	Highest.	Lowest.	Mesn.	Highest.	Lowest.	Relative Humidity.	Prevailing Direction.	Maximum Velocity.	Total Movement.	Amount.	No. of days on which it fell.	Ised IstoT Iom dase ni
January	30.158	30.708	29.284	25.9	4	4	77.1	.₩	\$	7,427	3.66	7	1,527
February	30,198	30.825	29.381	30.7	61.	j	74.3	z.	88	8,052	4.76	=	1,592
March	29.757	30.368	29.067	8.8	.19	क्षं	72.8	N. W.	3	11,174	3.83	41	1,924
April	29.902	30.403	29.467	48.7	87.	ž	61.8	N. W.	4	8,514	19.0	91	1,661
Мау	30.047	30.487	29,594	64.1	35	43.	9.07	ഥ	8	6,781	2.71	14	1,747
June	29.921	80.208	29.664	67.4	89.5	51.	70.4	떮	4	6,967	3.87	17	1,224
July	29.954	30.270	29.640	75.5	94.	3 6	8.99	W.	81	6,978	96.0	13	1,840
August	30.087	30.351	29.644	75.0	86	ž	66.1	S. W.	32	5,843	11.8	x	1,972
September	30.103	30.368	29.856	74.8	101.5	鸢	71.2	W.	42	5,845	9.94	7	1,508
October	30.163	80.612	29.531	80.8	87.	æ.	70.2	W.	æ	7,031	3.04	10	1,368
November	30.200	30.732	29.691	47.5	69.5	\$	72.4	W.	88	5,879	2.03	16	1,338
December	80.175	30.667	29.482	41.7	69.4	21.5	77.5	Μ.	. %	4,887	2.63	15	1,814
Меап	30.061			54.2			80.9						
Total			•							84,873	80.21	149	19,615
				*	John soom	O400 0					-		

* Degrees below zero.

Table XXXIII.—The annual mean temperature in Philadelphia from 1800 to 1884, inclusive, with the annual amount of rain and snow, in inches, from 1825 to 1884.

YEARS.	Mean annual temper- ature.	nches.	YEARS.	Mean annual temper- ature.	nches.
	ean ann ature.	Rain, in inches	I WARES	ean annı ature.	Rain, in inches
١.	×	#	1.	X	æ
200	E1 E0		1040	F1 F0 .	40.05
00	51.50 52.00		1843	51.50	46.25
02	53.50	,	1845	53.00	39.00
u3	52.00	;	1846	54.00	40.25
04	51.00		1847	54.00 53.86	44.87 45.09
05	51.50		1848	54.80	35.00
06	51.50	,	1849	53.10	42.09
07	52.00		1850	54.00	54.54
08	52.00	•••••	1851	54.04	35.50
09	51.00		1852	54.04	46.20
10	51,00		1853	55.44	42.96
11	52.00	***************************************	1854	55.38	45.23
12	51.00	,	1855	54.53	44.65
13	50.50		1856	51.92	33.52
14	51.00		1857	53.48	48.45
315	51.25	,	1858	55.20	41.06
316*	49.00		1859	54.49	54.75
17	52.50		1860	54.12	45.40
18	53.00		1861	54.71	45.41
319	51.00		1862	53.58	45.66
320	51.75		1863	54.13	49.64
321	51.50	,	1864	54.60	46.73
322	53.00	·	1865	55.77	53.64
23	53.50	· · · · · · · · · · · · · · · · · · ·	1866	54.90	43.57
24	53.75		1867	53.41	62.93
325	54.00	29.30	1868	52.83	50.18
326	53.00	40.00	1869	54.23	44.16
327	50.00	39.50	1870	56.44	43,56
328	54.00	38.50	1871	54.91	45.98
329	53.00	42.00	1872†	54.85	49.02
330	52.50	44.75	1873	51.4	54.62
331	53.00 51.00	41.00 39.25	1874	52.6	46.31
338	52.50	39.25 48.38	1875 1876	50.3	40.24 47.39
334	52.25	33.00	1877	52.6	
335	52.20	39.50	1070	54.2 54.7	37.36
36	50.25	43.00	1878	53.6	34,53 36,75
37	52.25	37.10	1880	54.6	33.58
38	53.00	44.25	1881	54.0 54.2	30.21
39	52.00	44.75	1882	54.2 54.6	30.21 45.58
40	52.25	47.50	1883	53.5	39.17
41	51.50	55.50	1884	53.5	39.34
42	52.75	47.50	2002	00.0	05.04

^{*} Ice in every month; the coldest year on record in the city; the year without a summer.

[†] From this year observations taken at U. S. Signal Office used in this Department.

TABLE XXXIV.—Recapitulation of returns to this Department for past twenty-four years and six months.

YEARS.	Вівтня.	MARRIAGES.	DEATHS.
1960 (6 months)	8,434	2,310	6,342
1860 (6 months)	17.271	4.417	14,468
1861			
1862	14,741	4,652	15,097
863	15,293	5,474	15,788
864	15,591	6,752	17,582
865	15,428	6,864	17,169
866	17,437	7,087	16,803
867	17,007	6,084	13,933
868	17,259	6,371	14,693
869	16,960	6,382	14,786
870	17,194	6,421	16,750
871	18,346	6,806	16,998
872	20.072	6.496	20,544
873	18,702	7.891	16,736
874	19,387	6.639	16,315
875	17,933	6.144	18,909
876	18,695	5,341	18,892
877	18,279	6.147	16,004
878	18,346	6.247	15.743
070	18.449	5.224	15,473
879		6.476	17.711
880	19,388		
881	18,154	7,569	19,515
882	20,098	8,521	20,059
883	21,237	8,231	20,076
884	22,160	8,637	19,999
Total	341,861	159,193	416,380

The above statement shows a summary of all returns of births, marriages, and deaths made to the Department since the law commenced operation, July 1, 1860. Since the year 1875, still births, premature births, and bodies brought from other localities have not been included, thus showing since that year the actual deaths in the city.

Respectfully submitted,

M. VEALE,

Health Officer.

Attest: GEO. E. CHAMBERS,

Registrar.

VACCINE PHYSICIANS.

First District.
Comprising the First Ward, and that portion of the Twenty-sixth Ward east of Broad street.
Dr. J. E. BisphamNo. 1320 Jackson street.
Second District.
Comprising the Second, Third, and Fourth Wards.
Dr. R. KILDUFFE
Third District.
Comprising the Thirtieth Ward, and that portion of the Twenty-sixth Ward west of Broad street.
Dr. J. T. Williams No. 1000 S. Nineteenth street.
Fourth District.
Comprising the Fifth Ward, and that portion of the Seventh and Eighth Wards, east of Broad street.
Dr. William M. Angney
Fifth District.
Comprising the Seventh and Eighth Wards west of Broad street.
Dr. Robert P. Robins
Sixth District.
Comprising the Sixth Ward, and that portion of the Ninth and Tenth Wards east of Broad street
Dr. W. H. Baker
Seventh District.
Comprising that portion of the Ninth and Tenth Wards west of Broad street.
Dr. W. H. BakerNo. 1610 Summer street.
Eighth District.
Comprising the Eleventh, Twelfth, and Thirteenth Wards.
Dr. P. N. K. Schwenk
Ninth District.
Comprising the Fourteenth and Fifteenth Wards.
DE GEO A RODANED No 801 N Fifteenth street

Tenth District. Comprising the Sixteenth, Seventeenth, and Twentieth Wards. Eleventh District. Comprising the Twenty-ninth Ward. DR. ALBERT E. NORTON......Twenty-fourth street and Columbia avenue. Twelfth District. Comprising the Eighteenth and Nineteenth Wards. Thirteenth District. Comprising the Thirty-first Ward. Fourteenth District. Comprising the Twenty-third Ward and Bridesburg. Fifteenth District. Comprising the Twenty-fifth Ward west of Trenton avenue, except Bridesburg. Sixteenth District. Comprising the Twenty-first Ward. DR. JAMES SIBBOLD......Terrace street below Hermit, Manayunk. Seventeenth District. Comprising the Twenty-fourth and Twenty-seventh Wards. Eighteenth District. Comprising the Twenty-second Ward. Nineteenth District. Comprising the Twenty-fifth Ward east of Trenton avenue, except

Twentieth District.

Comprising the Twenty-eighth Ward.
Dr. Z. P. BOYER, Jr......No. 2023 N. Twenty-second street.

Bridesburg.

Dr. Ella Ridgway Ziegler......No. 1408 Richmond street.

