



CALENDAR 1953

1953							1953								
	Sunday	Monday	Tuesday	Wed'day	Thursday	Friday	Saturday		Sunday	Monday	Tuesday	Wed'day	Thursday	Friday	Saturday
JAN	..	..	..	..	1	2	3	JUL	..	..	..	1	2	3	4
	4	5	6	7	8	9	10		5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	29	30	31		26	27	28	29	30	31	..
FEB	..	..	..	..	..	..	..	AUG	..	..	..	..	..	..	1
	1	2	3	4	5	6	7		2	3	4	5	6	7	8
	8	9	10	11	12	13	14		9	10	11	12	13	14	15
	15	16	17	18	19	20	21		16	17	18	19	20	21	22
	22	23	24	25	26	27	28		23	24	25	26	27	28	29
MAR	..	..	..	..	..	..	..	SEP	30	31	..	..	..	..	..
	1	2	3	4	5	6	7		..	..	1	2	3	4	5
	8	9	10	11	12	13	14		6	7	8	9	10	11	12
	15	16	17	18	19	20	21		13	14	15	16	17	18	19
	22	23	24	25	26	27	28		20	21	22	23	24	25	26
APR	29	30	31	..	..	..	..	OCT	27	28	29	30	..	..	..
	..	..	..	1	2	3	4		..	..	..	..	1	2	3
	5	6	7	8	9	10	11		4	5	6	7	8	9	10
	12	13	14	15	16	17	18		11	12	13	14	15	16	17
	19	20	21	22	23	24	25		18	19	20	21	22	23	24
MAY	26	27	28	29	30	..	..	NOV	25	26	27	28	29	30	31
	..	..	..	..	..	1	2		..	..	..	..	..	..	..
	3	4	5	6	7	8	9		1	2	3	4	5	6	7
	10	11	12	13	14	15	16		8	9	10	11	12	13	14
	17	18	19	20	21	22	23		15	16	17	18	19	20	21
JUN	24	25	26	27	28	29	30	DEC	22	23	24	25	26	27	28
	31	..	..	..	..	..	..		29	30	..	..	..	..	..
	..	1	2	3	4	5	6		..	..	1	2	3	4	5
	7	8	9	10	11	12	13		6	7	8	9	10	11	12
	14	15	16	17	18	19	20		13	14	15	16	17	18	19
21	22	23	24	25	26	27	20	21	22	23	24	25	26		
28	29	30	..	..	..	..	27	28	29	30	31	..	..



A REMINDER

of



Appointments

Addresses

and other

Important

Matters

**EMERGENCY AND SPECIAL TELEPHONE
NUMBERS**

Exchange No.

Police Dept.

Fire Dept.

Doctor

Garage

Insurance Co.

Club

.....

.....

.....

.....

.....

.....

.....

PERSONAL IDENTIFICATION

Name Hobart Merritt Van Deusen

Soc. Sec. No. _____

Home Address 12 HIGHLAND AVE.

City MONTCLAIR Zone _____ State N.J.

Home Telephone No. Mo. 2-5409

Business Telephone No. TR. 7-1300

Driver's License No. _____

Misc. Information. AMERICAN MUSEUM
OF NATURAL HISTORY,
CENTRAL PARK WEST AT
79TH STREET, NEW YORK 24

In case of accident or serious illness please notify at once.

Name _____

Address _____

City _____ Zone _____ State _____

Telephone No. _____

AUTOMOBILE IDENTIFICATION

Make.....

Year..... Body Type.....

Purchased.....

Purchased From.....

Engine No..... Serial No.....

License No.....

License Expires.....

Insurance on automobile:—

	Amount	Expires
Liability
Property Damage
Fire and Theft

Misc. Information.....

.....

.....

.....

POSTAL RATES AND INFORMATION

Latest Official Figures At Time of Printing

FIRST CLASS includes all letters and sealed parcels except parcels sealed under special permission (with approved label). Also includes any open letter or parcel which contains writing except that **DEALERS** or **MANUFACTURERS** may include a single invoice and still retain 4th class rates). Typewritten work and carbon copies are first class mail. 3 cents per ounce or fraction thereof.

Postal Cards, Private Mailing or Post Cards (within government size limits, maximum $3\frac{9}{16}$ inches by $5\frac{1}{8}$ inches), written or printed. 2 cents each.

SECOND CLASS (Transient). Complete copies of newspapers or periodicals, entered at Post Office as second class matter, when mailed by other than publishers, regardless of weight or distance. 2 cents for first 2 ounces and 1 cent for each 2 ounces or fraction thereof, or parcel post rate if cheaper.

THIRD CLASS includes circulars, and other matter wholly in print (except second class publications), proof sheets, corrected proof sheets, and manuscript copy accompanying same, merchandise (including farm and factory products) and all otherailable matter not included in the first, second or fourth classes. Weight limit of this class 8 ounces. 2 cents for the first 2 ounces or fraction thereof, plus 1 cent for each additional ounce or fraction thereof.

Exception. Books, catalogues, seeds, bulbs, roots, cuttings, scions, and plants (up to 8 ounces). Reduced rates on hulk mailings, upon approved application. (Section 34.66 P. L. & R.) 2 cents for first 2 ounces and $1\frac{1}{2}$ cents for each additional 2 ounces or fraction thereof.

Pieces or packages of third-class matter, when of such size or form as to prevent ready facing and tying in bundles and requiring individual distributing throughout, shall be subject to a minimum charge of 3 cents each. Among the articles to which the 3 cent minimum charge shall apply are those exceeding 9 inches in width or 12 inches in length, or less than 3 inches in width and 4 inches in length; round, cylindrical, or other irregularly shaped pieces or packages, and those with contents forming a hump or which are otherwise so uneven as to prevent stacking or tying in packages; also articles in bags or which are addressed by means of tags.

FOURTH CLASS must weigh in excess of 8 ounces; includes books, circulars, and other matter wholly in print, proof sheets, corrected proof sheets, and manuscript copy accompanying same, merchandise (including farm and factory products), and all otherailable matter not included in the first, second and third classes.

Exceptions. Rate on books, catalogues and library books. Apply at Post Office.

Size and Weight Limit. The limit of size shall be 72 inches in length and girth combined and the limit of weight shall be over 8 ounces and not exceeding 40 pounds in the first and second zones and 20 pounds in the third to eighth zones, with certain exceptions; consult local post office.

Rate on Parcels for Armed Forces Overseas. The zone rate is applicable from the Post Office where mailed to the Post Office in care of which the parcel is addressed.

AIR MAIL (Domestic). Limit 8 ounces. 6 cents per ounce or fraction, including all U. S. possessions, A.P.O.'s, F.P.O.'s, Canada and Mexico.

An air rate of 4 cents each is applicable to postal cards, private mailing or post cards conforming to the conditions prescribed by the Postal Laws and Regulations.

Air mail weighing more than 8 ounces is subject to the zone rates and conditions prescribed for Air Parcel Post Service.

PARCEL POST RATES

Zone	First Lb.		Over 1 Lb. Add Per Lb.	
	Surface	Air	Surface	Air
Local.....	.15	—	.011	—
1 and 2.....	.17	.60	.022	.48
3.....	.17	.60	.035	.48
4.....	.19	.65	.045	.50
5.....	.21	.70	.07	.56
6.....	.23	.75	.092	.64
7.....	.25	.75	.115	.72
8.....	.27	.80	.145	.80

INSURANCE AND C.O.D. FEES (3rd and 4th Class Matter)

Not exceeding \$	Insurance Fee		C.O.D. Fee	
	3rd & 4th Class	(Non-Registered)		
5.00.....	.05	.....	.....	.30
10.00.....	.10	.....	.....	.40
25.00.....	.15	.....	.....	.60
50.00.....	.20	.....	.....	.70
100.00.....	.30	.....	.....	.80
150.00.....	.....	.....	.....	.90
200.00.....	.35	.....	.....	1.00

SPECIAL DELIVERY AND SPECIAL HANDLING

	Fees in addition to Regular Postage		
	up to 2 lbs.	2 to 10 lbs.	over 10 lbs.
Special Delivery (First Class Mail Only).....	20c	35c	50c
Special Delivery (2nd, 3rd, and 4th Class Mail).....	35c	45c	60c
Special Handling (Fourth Class Mail only). Does Not include Special Delivery.....	15c	20c	25c

MONEY ORDER FEES

Amount	Fee
Up to \$5.00.....	.10
From \$5.01 to \$10.00.....	.15
From \$10.01 to \$50.00.....	.25
From \$50.01 to \$100.00.....	.35

REGISTERED MAIL

A registry surcharge is collectible in addition to registry fee when value of registered article exceeds limit of indemnity prescribed for the registry fee paid. Consult postmaster for particulars.

CITIES OF THE UNITED STATES
25,000 and Over
1950 Advance Census Figures

CITY	POP.	CITY	POP.
Abilene, Tex.....	45,570	Beverly Hills, Cal...	29,032
Akron, Ohio.....	274,605	Bessemer, Ala.....	28,445
Alameda, Cal.....	64,430	Bethlehem, Pa.....	66,340
Albany, Ga.....	31,155	Billings, Mont.....	31,834
Albany, N. Y.....	134,995	Biloxi, Miss.....	37,425
Albuquerque, N. M.	96,815	Binghamton, N. Y..	80,674
Alexandria, La.....	34,913	Birmingham, Ala...	326,037
Alexandria, Va.....	61,787	Bloomfield, N. J....	49,307
Alhambra Cal.....	51,359	Bloomington, Ill....	34,163
Aliquippa, Pa.....	26,132	Bloomington, Ind...	28,163
Allentown, Pa.....	106,756	Boise City, Idaho...	34,393
Alton, Ill.....	32,550	Boston, Mass.....	801,444
Alliance, Ohio.....	26,161	Bremerton, Wash...	27,678
Altoona, Pa.....	77,177	Bridgeport, Conn...	158,709
Amarillo, Tex.....	74,246	Bristol, Conn.....	35,961
Amsterdam, N. Y...	32,240	Brockton, Mass.....	62,860
Anderson, Ind.....	46,820	Brownsville, Tex....	36,066
Ann Arbor, Mich...	48,251	Buffalo, N. Y.....	580,132
Anniston, Ala.....	31,066	Burbank, Cal.....	78,577
Appleton, Wis.....	34,010	Burlington, Ia.....	30,613
Asheville, N. C....	53,000	Burlington, Vt.....	33,155
Ashland, Ky.....	31,131	Butte, Mont.....	33,251
Athens, Ga.....	28,180	Cambridge, Mass...	120,740
Atlanta, Ga.....	331,314	Camden, N. J.....	124,555
Atlantic City, N. J..	61,657	Canton, Ohio.....	116,912
Auburn, N. Y.....	36,722	Cedar Rapids, Ia....	72,296
Augusta, Ga.....	71,508	Champaign, Ill.....	39,563
Aurora, Ill.....	50,576	Charleston, S. C....	70,174
Austin, Tex.....	132,459	Charleston, W. Va...	73,501
Bakersfield, Cal....	34,784	Charlotte, N. C....	134,042
Baltimore, Md.....	949,708	Charlottesville, Va..	25,969
Bangor, Me.....	31,558	Chattanooga, Tenn..	131,041
Barberton, Ohio....	27,820	Chelsea, Mass.....	38,912
Baton Rouge, La....	125,629	Chester, Pa.....	66,039
Battle Creek, Mich..	48,666	Cheyenne, Wyo.....	31,935
Bay City, Mich....	52,523	Chicago, Ill.....	3,620,962
Bayonne, N. J.....	77,203	Chicopee, Mass.....	49,211
Beaumont, Tex.....	94,014	Cicero, Ill.....	67,544
Bellefonte, Pa.....	32,721	Cincinnati, Ohio....	503,998
Bellefonte, N. J....	32,019	Clarksburg, W. Va..	32,014
Bellingham, Wash...	34,112	Cleveland, Ohio....	914,808
Beloit, Wis.....	29,590	Cleveland Hgts., O..	59,141
Berkeley, Cal.....	113,805	Cifton, N. J.....	64,511
Berwyn, Ill.....	51,280	Clinton, Ia.....	30,379
Beverly, Mass.....	28,884	Colo. Springs, Colo..	45,472

CITY	POP.	CITY	POP.
Columbia, Mo.,.....	31,974	Fayetteville, N. C...	34,715
Columbia, S. C.,....	86,914	Ferndale, Mich.....	29,675
Columbus, Ga.,.....	79,611	Fitchburg, Mass....	42,691
Columbus, Ohio....	375,901	Flint, Mich.....	163,143
Compton, Cal.,.....	47,991	Fond du Lac, Wis...	29,936
Concord, N. H.,.....	27,988	Ft. Dodge, Ia.....	25,115
Corpus Christi, Tex.	108,287	Ft. Lauderdale, Fla..	36,328
Council Bluffs, Ia. . .	45,429	Ft. Smith, Ark.....	47,942
Covington, Ky.....	64,452	Ft. Wayne, Ind.....	133,607
Cranston, R. I.,.....	55,060	Ft. Worth, Tex.....	278,778
Cumberland, Md....	37,679	Fresno, Cal.....	91,669
Cuyahoga Falls, O..	29,195	Gadsden, Ala.....	55,725
Dallas, Tex.....	434,462	Gainesville, Fla....	26,861
Danville, Ill.....	37,864	Galesburg, Ill.....	31,425
Danville, Va.....	35,066	Galveston, Tex.....	66,568
Davenport, Ia.....	74,549	Garfield, N. J.....	27,550
Dayton, Ohio.....	243,872	Gary, Ind.....	133,911
Daytona Beach, Fla.	30,187	Glendale, Cal.....	95,702
Dearborn, Mich.....	94,994	Gloucester, Mass....	25,167
Decatur, Ill.....	66,269	Grand Forks, N. D..	26,836
Denver, Colo.....	415,786	Grand Rapids, Mich.	176,515
Des Moines, Ia.,....	177,965	Granite City, Ill....	29,465
Detroit, Mich.....	1,849,568	Great Falls, Mont...	39,214
Dubuque, Ia.....	49,671	Green Bay, Wis.....	52,735
Durham, N. C.....	71,311	Greensboro, N. C...	74,389
Duluth, Minn.....	104,511	Greenville, Miss....	29,936
Easton, Pa.,.....	35,632	Greenville, S. C....	58,161
E. Bakersfield, Cal..	38,177	Hackensack, N. J...	29,219
East Chicago, Ind... .	54,263	Hagerstown, Md....	36,260
East Cleveland, O... .	40,047	Hamilton, Ohio.....	57,951
East Orange, N. J... .	79,340	Hammond, Ind.....	87,594
East St. Louis, Ill... .	82,295	Hamtramck, Mich..	43,355
Eau Claire, Wis.....	36,058	Harrisburg, Pa.....	89,544
Elgin, Ill.....	44,223	Hartford, Conn.....	177,397
El Paso, Tex.....	130,485	Hattiesburg, Miss...	29,474
Elizabeth, N. J.....	112,817	Haverhill, Mass....	47,280
Elkhart, Ind.....	35,646	Hazleton, Pa.,.....	35,491
Elmira, N. Y.....	49,716	Hempstead, N. Y... .	29,135
Elyria, Ohio.....	30,307	Highland Pk., Mich.	46,393
Enid, Okla.....	36,017	High Point, N. C....	39,973
Er e, Pa.....	130,803	Hoboken, N. J.....	50,676
Euclid, Ohio.....	41,396	Holyoke, Mass.....	54,661
Eugene, Ore.....	35,879	Hot Springs, Ark....	29,307
Evanston Ill.....	73,641	Houston, Tex.....	596,163
Evansville, Ind.....	128,636	Huntington, W. Va..	86,353
Everett, Mass.....	45,982	Huntington Pk., Cal.	29,450
Everett, Wash.....	33,849	Hutchinson, Kan....	33,575
Fairmont, W. Va....	29,346	Independence, Mo...	36,963
Fall River, Mass....	111,963	Indianapolis, Ind....	427,173
Fargo, N. D.....	38,256	Inglewood, Cal.....	46,185

CITY	POP.
Iowa City, Ia.....	27,212
Irvington, N. J.....	59,201
Ithaca, N. Y.....	29,257
Jackson, Mich.....	51,088
Jackson, Miss.....	98,271
Jackson, Tenn.....	30,207
Jacksonville, Fla....	204,517
Jamestown, N. Y....	43,354
Jefferson City, Mo...	25,099
Jersey City, N. J....	299,017
Johnson City, Tenn.	27,864
Johnstown, Pa.....	63,232
Joliet, Ill.....	51,601
Joplin, Mo.....	38,711
Kalamazoo, Mich....	57,704
Kankakee, Ill.....	25,856
Kannapolis, N. C....	28,448
Kansas City, Kan....	129,553
Kansas City, Mo....	456,622
Kearny, N. J.....	39,952
Kenosha, Wis.....	54,368
Keywest, Fla.....	26,433
Kingston, N. Y.....	28,817
Knoxville, Tenn....	124,769
Kokomo, Ind.....	38,672
Lackawanna, N. Y..	27,658
La Crosse, Wis.....	47,535
Lake Charles, La....	41,272
Lakeland, Fla.....	30,851
Lakewood, Ohio....	68,071
Lafayette, Ind.....	35,568
Lafayette, La.....	33,541
La Grange, Ga.....	25,025
Lake Charles, La....	41,272
Lancaster, Pa....	63,774
Lansing, Mich.....	92,129
Laredo, Tex.....	51,910
Laurel, Miss.....	25,038
Lawrence, Mass....	80,536
Lawton, Okla.....	34,757
Lebanon, Pa.....	28,156
Lewiston, Me.....	40,974
Lexington, Ky.....	55,534
Lima, Ohio.....	50,246
Lincoln, Nebr.....	98,884
Lincoln Pk., Mich...	29,310
Linden, N. J.....	30,644
Little Rock, Ark....	102,213
Lockport, N. Y.....	25,133
Long Beach, Cal....	250,767

CITY	POP.
Lorain, Ohio.....	51,202
Los Angeles, Cal., ...	1,970,358
Louisville, Ky.....	369,129
Lowell, Mass.....	97,249
Lubbock, Tex.....	71,747
Lynchburg, Va.....	47,727
Lynn, Mass.....	99,738
Lynwood, Cal.,....	25,823
Macon, Ga.....	70,252
Madison, Wis.....	96,056
Malden, Mass.....	59,804
Manchester, N. H....	82,732
Manitowoc, Wis....	27,598
Mansfield, Ohio....	43,564
Marion, Ind.....	30,081
Marion, Ohio.....	33,817
Mason City, Ia....	27,980
Massillon, Ohio....	29,594
Maywood, Ill.....	27,473
McKeesport, Pa....	51,502
Medford, Mass.....	66,113
Melrose, Mass.....	26,988
Memphis, Tenn....	396,000
Meriden, Conn.....	44,088
Meridian, Miss....	41,893
Miami, Fla.....	249,276
Miami Beach, Fla....	46,282
Michigan City, Ind..	28,395
Middletown, Conn..	29,711
Middletown, Ohio..	33,695
Milwaukee, Wis....	637,392
Minneapolis, Minn..	521,718
Mishawaka, Ind....	32,913
Mobile, Ala.....	129,009
Moline, Ill.....	37,397
Monroe, La.....	38,572
Montclair, N. J....	43,927
Montgomery, Ala.,.	106,525
Morgantown, W. Va.	25,525
Mt. Vernon, N. Y..	71,899
Muncie, Ind.....	58,479
Muskegon, Mich....	48,429
Muskogee, Okla....	37,289
Nashua, N. H.....	34,669
Nashville, Tenn....	174,307
New Albany, Ind....	29,346
Newark, Ohio.....	34,275
Newark, N. J.....	438,776
New Bedford, Mass.	109,189
New Britain, Conn..	73,726

CITY	POP.	CITY	POP.
New Brunswick, N.J.	38,811	Pittsburgh, Pa.....	676,806
Newburgh, N. Y....	31,956	Pittsfield, Mass.....	53,348
New Castle, Pa....	48,834	Plainfield, N. J....	42,366
New Haven, Conn...	164,443	Pocatello, Idaho....	26,131
New Kensington, Pa.	25,146	Pomona, Cal.....	35,405
New London, Conn.,	30,551	Pontiac, Mich.....	73,681
New Orleans, La....	570,445	Pt. Arthur, Tex....	57,530
Newport, Ky.....	31,044	Pt. Huron, Mich....	35,725
Newport, R. I.....	37,564	Portland, Me.....	77,634
Newport News, Va..	42,358	Portland, Ore.....	373,628
New Rochelle, N. Y.	59,725	Portsmouth, Ohio...	36,798
Newton, Mass.....	81,994	Portsmouth, Va....	80,039
New York, N. Y....	7,891,957	Poughkeepsie, N. Y.	41,023
Niagara Falls, N. Y.,	90,872	Providence, R. I....	248,674
Norfolk, Va.....	213,513	Provo, Utah.....	28,937
Norman, Okla.....	27,006	Pueblo, Colo.....	63,685
Norristown, Pa....	38,126	Quincy, Ill.....	41,450
Northampton, Mass.	29,063	Quincy, Mass.....	83,835
N. Little Rock, Ark.	44,097	Racine, Wis.....	71,193
Norwalk, Conn....	49,460	Raleigh, N. C.....	65,679
Norwood, Ohio....	35,001	Rapid City, S. D....	25,310
Nutley, N. J.....	26,992	Reading, Pa.....	109,320
Oakland, Cal.....	384,575	Redondo Beach, Cal.	25,226
Oak Park, Ill.....	63,529	Redwood City, Cal..	25,544
Oak Ridge, Tenn....	30,229	Reno, Nev.....	32,497
Odessa, Tex.....	29,495	Revere, Mass.....	36,763
Ogden, Utah.....	57,112	Richmond, Cal.....	99,545
Okla. City, Okla...	243,504	Richmond, Ind....	39,539
Omaha, Nebr.....	251,117	Richmond, Va.....	230,310
Orange, N. J.....	38,037	Riverside, Cal.....	46,764
Orlando, Fla.....	52,367	Roanoke, Va.....	91,921
Oshkosh, Wis.....	41,084	Rochester, Minn....	29,885
Ottumwa, Ia.....	33,631	Rochester, N. Y....	332,488
Owensboro, Ky....	33,651	Rockford, Ill.....	92,927
Paducah, Ky.....	32,828	Rock Island, Ill....	48,710
Palo Alto, Cal.....	25,475	Rocky Mount, N. C.	27,697
Panama City, Fla...	25,814	Rome, Ga.....	29,615
Parkersburg, W. Va.	29,684	Rome, N. Y.....	41,682
Parma, Ohio.....	28,897	Roswell, N. M.	25,738
Pasadena, Cal.....	104,577	Royal Oak, Mich....	46,898
Passaic, N. J.....	57,702	Sacramento, Cal...	137,572
Paterson, N. J.....	139,336	Saginaw, Mich.....	92,918
Pawtucket, R. I....	81,436	Salem, Mass.....	41,880
Pensacola, Fla....	43,479	Salem, Ore.....	43,140
Peoria, Ill.....	111,856	Salina, Kan.....	26,176
Petersburg, Va.....	35,054	Salt Lake City, Utah	182,121
Perth Amboy, N. J.,	41,330	San Angelo, Tex....	52,093
Philadelphia, Pa....	2,071,605	San Antonio, Tex...	408,442
Phoenix, Ariz.....	106,818	San Bernardino, Cal.	63,058
Pine Bluff, Ark....	37,162	San Diego, Cal.....	334,387

CITY	POP.	CITY	POP.
Sandusky, Ohio.....	29,375	Trenton, N. J.....	128,009
San Francisco, Cal..	775,357	Troy, N. Y.....	72,311
San Jose, Cal.....	95,280	Tucson, Ariz.....	45,454
San Leandro, Cal....	27,542	Tulsa, Okla.....	182,740
San Mateo, Cal.....	41,782	Tuscaloosa, Ala....	46,396
Santa Ana, Cal.....	45,533	Tyler, Tex.....	38,968
Santa Barbara, Cal..	44,913	Union City, N. J....	55,537
Santa Fe, N. M....	27,998	University City, Mo.	39,892
Santa Monica, Cal..	71,595	Utica, N. Y.....	101,531
Savannah, Ga.....	119,638	Vallejo, Cal.....	26,038
Schenectady, N. Y..	91,785	Valley Stream, N. Y.	26,854
Scranton, Pa.....	125,536	Vancouver, Wash...	41,664
Seattle, Wash.....	467,591	Vicksburg, Miss....	27,948
Shaker Heights, O...	28,222	Waco, Tex....	84,706
Sharon Pa.....	26,454	Waltham, Mass.....	47,187
Sheboygan, Wis....	42,365	Warren, Ohio.....	49,856
Shreveport, La.....	127,206	Warwick, R. I.....	43,028
Sioux City, Ia.....	83,991	Washington, D. C...	802,178
Sioux Falls, S. D...	52,696	Washington, Pa.....	26,280
Somerville, Mass...	102,351	Waterbury, Conn...	104,477
South Bend, Ind....	115,911	Waterloo, Ia.....	65,198
South Gate, Cal....	51,116	Watertown, N. Y...	34,350
Spartanburg, S. C...	36,795	Waukegan, Ill.....	38,946
Spokane, Wash.....	161,721	Wausau, Wis.....	30,414
Springfield, Ill.....	81,628	Wauwatosa, Wis... ..	33,324
Springfield, Mass...	162,399	West Allis, Wis....	42,959
Springfield, Mo.....	66,731	W. New York, N. J..	37,683
Springfield, Ohio...	78,508	West Orange, N. J..	28,605
St. Cloud, Minn....	28,410	W. Palm Beach, Fla.	43,162
St. Joseph, Mo.....	78,588	Wheeling, W. Va....	58,891
St. Louis, Mo.....	856,796	White Plains, N. Y..	43,466
St. Paul, Minn.....	311,349	Wichita, Kan.....	168,279
St. Petersburg, Fla..	96,738	Wichita Falls, Tex...	68,042
Stamford, Conn.....	74,293	Wilkes-Barre, Pa....	76,326
Steubenville, Ohio..	35,872	Wilkinsburg, Pa....	31,418
Stockton, Cal.....	70,853	Williamsport, Pa....	45,047
Superior, Wis.....	35,325	Wilmington, Del....	110,356
Syracuse, N. Y.....	220,583	Wilmington, N. C...	45,043
Tacoma, Wash.....	143,673	Winona, Minn.....	25,031
Tallahassee, Fla....	27,237	Winston-Salem, N.C.	87,811
Tampa, Fla.....	124,681	Woonsocket, R. I. ..	50,211
Taunton, Mass.....	40,109	Worcester, Mass....	203,486
Temple, Tex.....	25,467	Wyandotte, Mich...	36,846
Terre Haute, Ind....	64,214	Yakima, Wash.....	38,486
Texarkana, Ark.-Tex.	40,628	Yonkers, N. Y.....	152,798
Toledo, Ohio.....	303,616	York, Pa.....	59,953
Topeka, Kan.....	78,791	Youngstown, Ohio..	168,330
Torrington, Conn...	27,820	Zanesville, Ohio....	40,517

STATISTICS OF

State	Land Area (Sq. Miles)	July 1, 1950 Population	% Pop. Increase 1940-1950
Alabama.....	51,078	3,061,743	8.1
Arizona.....	113,580	749,587	50.1
Arkansas.....	52,725	1,909,511	-2.0
California.....	156,803	10,586,223	53.3
Colorado.....	103,967	1,325,089	18.0
Connecticut.....	4,899	2,007,280	17.4
Delaware.....	1,978	318,085	19.4
District of Columbia	61	802,178	21.0
Florida.....	54,262	2,771,305	46.1
Georgia.....	58,518	3,444,578	10.3
Idaho.....	82,808	588,637	12.1
Illinois.....	55,947	8,712,176	10.3
Indiana.....	36,205	3,934,224	14.8
Iowa.....	55,985	2,621,073	3.3
Kansas.....	82,113	1,905,299	5.8
Kentucky.....	40,109	2,944,806	3.5
Louisiana.....	45,177	2,683,516	13.5
Maine.....	31,040	913,774	7.9
Maryland.....	9,887	2,343,001	28.6
Massachusetts.....	7,907	4,690,514	8.7
Michigan.....	57,022	6,371,766	21.2
Minnesota.....	80,009	2,982,483	6.8
Mississippi.....	47,420	2,178,914	-0.2
Missouri.....	69,270	3,954,653	4.5
Montana.....	146,316	591,024	5.6
Nebraska.....	76,653	1,325,510	0.7
Nevada.....	109,802	160,083	45.2
New Hampshire.....	9,024	533,242	8.5
New Jersey.....	7,522	4,835,329	16.2
New Mexico.....	121,511	681,187	28.1
New York.....	47,929	14,830,192	10.0
North Carolina.....	49,142	4,061,929	13.7
North Dakota.....	70,054	619,636	-3.5
Ohio.....	41,122	7,946,627	15.0
Oklahoma.....	69,283	2,233,351	-4.4
Oregon.....	96,350	1,521,341	39.6
Pennsylvania.....	45,045	10,498,012	6.0
Rhode Island.....	1,058	791,896	11.0
South Carolina.....	30,594	2,117,027	11.4
South Dakota.....	76,536	652,740	1.5
Tennessee.....	41,961	3,291,718	12.9
Texas.....	263,644	7,711,194	20.2
Utah.....	82,346	688,862	25.2
Vermont.....	9,278	377,747	5.2
Virginia.....	39,899	3,318,680	23.9
Washington.....	66,977	2,378,963	37.0
West Virginia.....	24,090	2,005,552	5.4
Wisconsin.....	54,715	3,434,575	9.5
Wyoming.....	97,506	290,529	15.9

THE STATES

Capital	Admitted to Union	Highest Altitude	Elevation
Montgomery	Dec. 14, 1819	Cheaha Mt.	2,407
Phoenix	Feb. 14, 1912	Humphreys Pk.	12,611
Little Rock	June 15, 1836	Blue & Mag. Mt.	2,800
Sacramento	Sept. 9, 1850	Mt. Whitney	14,495
Denver	Aug. 1, 1876	Mt. Elbert	14,431
Hartford	Jan. 9, 1788	Bear Mt.	2,355
Dover	Dec. 7, 1787	Centreville	440
.	Mar. 1, 1791	Tenleytown	420
Tallahassee	Mar. 3, 1845	Iron Mt.	325
Atlanta	Jan. 2, 1788	Brasstown Bald	4,784
Boise	July 3, 1890	Borah Peak	12,655
Springfield	Dec. 3, 1818	Charles Mt.	1,241
Indianapolis	Dec. 11, 1816	Greensfork Top	1,240
Des Moines	Dec. 28, 1846	North Boundary	1,675
Topeka	Jan. 29, 1861	On W. Boundary	4,135
Frankfort	June 1, 1792	Big Black Mt.	4,159
Baton Rouge	Apr. 30, 1812	Athens (old)	469
Augusta	Mar. 15, 1820	MT. Katahdin	5,267
Annapolis	Apr. 28, 1788	Blackbone Mt.	3,340
Boston	Feb. 6, 1788	Mt. Greylock	3,491
Lansing	Jan. 26, 1837	Porcupine Mts.	2,023
St. Paul	May 11, 1858	Misquah Hills	2,230
Jackson	Dec. 10, 1817	Near Iuka	806
Jefferson City	Aug. 10, 1821	Taum Sauk Mt.	1,772
Helena	Nov. 8, 1889	Granite Peak	12,850
Lincoln	Mar. 1, 1867	S. W. Part County	5,340
Carson City	Oct. 31, 1864	Boundary Peak	13,145
Concord	June 21, 1788	Mt. Washington	6,288
Trenton	Dec. 18, 1787	High Point	1,801
Santa Fe	Jan. 6, 1912	Truchas Peak	13,306
Albany	July 26, 1783	Mt. Marcey	5,344
Raleigh	Nov. 21, 1789	Mt. Mitchell	6,684
Bismarck	Nov. 2, 1889	Black Butte	3,468
Columbus	Feb. 19, 1803	Campbell Hill	1,550
Oklahoma City	Nov. 16, 1907	Black Mesa	4,978
Salem	Feb. 14, 1859	Mt. Hood	11,245
Harrisburg	Dec. 12, 1787	Mt. Davis	3,213
Providence	May 29, 1790	Durfee Hill	805
Columbia	May 23, 1788	Sassafras Mt.	3,548
Pierre	Nov. 2, 1889	Harney Peak	7,242
Nashville	June 1, 1796	Clingman's Dome	6,642
Austin	Dec. 29, 1845	Guadalupe Peak	8,751
Salt Lake City	Jan. 4, 1896	Kings Peaks	13,498
Montpelier	Mar. 4, 1791	Mt. Mansfield	4,393
Richmond	June 26, 1788	Mt. Rogers	5,720
Olympia	Nov. 11, 1889	Mt. Rainier	14,408
Charleston	June 20, 1863	Spruce Knob	4,860
Madison	May 29, 1848	Rib Hill	1,940
Cheyenne	July 11, 1890	Gannett Peak	13,785

POPULATION OF THE LARGEST CITIES IN THE WORLD

Compiled From Various Sources

London, greater.	8,348,336	Seoul	1,141,766
New York	7,891,957	Barcelona	1,133,345
Tokyo, greater.	5,385,071	Nanking	1,113,972
Shanghai	4,630,385	Birmingham	1,112,340
Moscow	4,137,018	Karachi,	1,005,000
Chicago	3,609,622	Glasgow	1,104,287
Berlin	3,321,700	Kyoto	1,101,854
Leningrad	3,191,304	Budapest,	1,058,288
Buenos Aires	3,000,371	Bucharest	1,041,807
Paris, greater	2,725,374	Nagoya	1,030,635
Rio de Janeiro	2,335,931	Mukden	1,021,057
Mexico City,	2,233,709	Napies	1,021,023
Calcutta	2,108,891	Montreal,	1,002,703
Cairo	2,100,486	Istanbul	1,000,022
Philadelphia	2,071,605	Chungking	985,673
Sao Paulo	2,041,716	Manila,	983,906
Los Angeles	1,970,358	Yokohama,	951,189
Osaka	1,956,136	Baltimore	949,708
Detroit	1,849,568	Alexandria	928,237
Tientsin	1,772,840	Prague	922,284
Vienna,	1,731,557	Cleveland	914,808
Peiping	1,721,546	Jakarta	900,000
Rome,	1,649,684	St. Louis	856,796
Hamburg	1,604,600	Tsingtao	850,508
Sydney	1,549,590	Montevideo	850,000
Bombay	1,489,883	Lahore	849,000
Canton	1,413,460	Kiev	846,293
Melbourne	1,288,000	Kharkov	833,432
Milan	1,286,812	Munich	831,017
Santiago	1,197,000	Bangkok	830,000
Madrid	1,187,142	Amsterdam,	813,984

**POPULATION OF THE LARGEST
CITIES IN THE WORLD**
Compiled From Various Sources

Baku.....	809,347	Odessa.....	604,223
Washington.....	802,178	Johannesburg.....	603,470
Boston.....	801,444	Lodz.....	600,608
Liverpool.....	789,532	Rangoon.....	600,000
Lisbon.....	783,919	Houston.....	596,163
Madras.....	777,481	Cologne.....	594,571
San Francisco.....	775,357	Tsinan.....	591,490
Copenhagen.....	767,808	Ahmedabad.....	591,267
Lima.....	767,054	Tashkent.....	585,005
Victoria.....	767,000	Buffalo.....	580,132
Kobe.....	765,435	New Orleans.....	570,445
Harbin.....	760,000	Valencia.....	562,967
Hankow.....	749,952	Changchun.....	554,202
Stockholm.....	745,936	Casablanca.....	551,322
Hyderabad.....	739,159	Kowloon.....	547,000
Torino.....	726,618	Dairen.....	543,690
Manchester.....	703,175	The Hague.....	542,078
Singapore.....	679,659	Tehran.....	540,084
Pittsburgh.....	676,806	Frankfurt-am-Main.....	532,037
Toronto.....	670,945	Recife.....	522,466
Havana.....	659,883	Delhi.....	521,849
Rotterdam.....	653,078	Minneapolis.....	521,718
Genoa.....	650,731	Tiflis.....	519,175
Gorki.....	644,116	Sheffield.....	512,834
Milwaukee.....	637,392	Rostov.....	510,253
Marseille.....	636,264	Dublin.....	506,051
Changan.....	628,449	Leeds.....	504,954
Leipzig.....	607,655	Dortmund.....	504,815
Changsha.....	606,972	Cincinnati.....	503,998
Warsaw.....	606,778	Dnepropetrovsk.....	500,662
Essen.....	605,125	Baghdad.....	500,000

DISTANCES BETWEEN

(Statute miles; shortest direct routes; data from

FROM	Boston	Chi- cago	Cin- cinnati	New Orleans	New York	Phila- delphia	Pitts- burgh	St. Louis	San Fr- ancisco	Seattle	Wash- ington
TO	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles
Albany.....	201	833	893	1,487	143	233	554	1,081	3,094	3,014	370
Atlanta.....	1,094	735	476	494	874	774	787	613	2,808	2,916	638
Baltimore.....	415	797	589	1,158	186	96	328	928	3,048	2,978	40
Birmingham.....	1,217	651	482	356	988	898	793	479	2,682	2,832	762
Boston.....	.....	1,017	943	1,573	229	319	668	1,282	3,278	3,198	455
Buffalo.....	498	536	446	1,284	396	416	257	720	2,797	2,717	436
Butte.....	2,564	1,530	1,830	2,281	2,438	2,348	1,999	1,571	1,177	667	2,317
Chicago.....	1,017	.....	285	922	908	818	469	284	2,261	2,181	787
Cincinnati.....	979	285	.....	838	750	660	311	339	2,561	2,481	552
Cleveland.....	681	353	263	1,101	579	498	132	537	2,614	2,534	471
Columbus, O.....	859	316	116	954	630	540	191	422	2,577	2,497	487
Dallas.....	1,932	970	977	515	1,740	1,650	1,301	688	1,934	2,515	1,578
Denver.....	2,047	1,013	1,255	1,350	1,921	1,831	1,482	916	1,369	1,567	1,800
Des Moines.....	1,397	358	658	1,051	1,266	1,176	827	341	1,915	2,047	1,145
Detroit.....	749	273	261	1,099	661	665	297	489	2,534	2,454	599
Duluth.....	1,512	478	778	1,400	1,386	1,296	947	762	2,298	1,945	1,265
East Pittsburgh.....	656	481	323	1,161	427	337	12	625	2,742	2,662	357
El Paso.....	2,417	1,400	1,572	1,162	2,285	2,195	1,846	1,233	1,299	2,124	2,124
Grand Rapids, Mich	878	184	309	1,147	820	775	406	468	2,445	2,365	775
Houston, Tex.....	1,935	1,101	1,156	362	1,706	1,616	1,430	817	2,079	2,755	1,500
Indianapolis.....	1,040	184	110	900	811	721	371	242	2,445	2,365	662
Kansas City.....	1,467	450	622	878	1,335	1,245	896	283	2,013	2,062	1,174

AMERICAN CITIES

War Department's Official Table of Distances)

Los Angeles	3,257	2,241	2,397	2,008	3,125	3,035	2,686	2,073	471	1,312	2,964
Louisville	1,093	315	114	788	864	774	425	274	2,471	2,496	661
Memphis	1,388	528	494	394	1,159	1,046	805	306	2,497	2,546	933
Milwaukee	1,102	85	370	1,007	993	903	554	369	2,343	2,096	872
Minneapolis	1,419	402	702	1,324	1,310	1,220	871	585	2,145	1,774	1,189
New Orleans	1,573	922	838	.....	1,344	1,254	1,149	710	2,446	2,918	1,118
New York	229	908	750	1,344	.....	90	439	1,052	3,169	3,089	226
Oklahoma City	1,824	827	883	746	1,599	1,509	1,155	543	1,813	2,671	1,434
Omaha	1,510	493	753	1,124	1,401	1,311	962	414	1,770	1,903	1,280
Philadelphia	319	818	660	1,254	90	.....	349	962	3,079	2,999	136
Pittsburgh	668	469	311	1,149	439	349	.....	613	2,730	2,650	302
Portland, Me.	115	1,126	1,094	1,688	344	433	783	1,396	3,413	3,340	570
Portland, Ore.	3,293	2,259	2,559	2,725	3,167	3,077	2,728	2,199	745	183	3,046
Richmond, Va.	572	880	580	1,037	343	253	419	919	3,165	3,091	117
Rochester, N. Y.	430	592	513	1,351	372	452	326	789	2,853	2,773	471
St. Louis	1,282	284	339	710	1,052	962	613	.....	2,250	2,328	891
Salt Lake	2,550	1,516	1,816	2,402	2,424	2,334	1,985	1,531	817	1,080	2,303
San Antonio	2,134	1,207	1,217	573	1,905	1,815	1,530	924	1,906	2,748	1,678
San Francisco	3,278	2,261	2,561	2,446	3,169	3,079	2,730	2,250	.....	928	3,048
Seattle	3,198	2,181	2,481	2,918	3,089	2,999	2,650	2,328	.....	.....	2,974
South Bend	948	86	249	1,087	847	757	387	370	2,348	2,267	747
Spokane	3,019	1,881	2,181	2,803	2,789	2,699	2,350	2,141	1,120	330	2,668
Springfield, Mass.	99	921	842	1,479	134	224	573	1,118	3,182	3,102	360
Tampa, Fla.	1,484	1,312	1,012	823	1,255	1,165	1,323	1,137	3,366	3,493	1,029
Toledo	800	234	203	1,041	699	609	260	437	2,495	2,515	609
Tulsa	1,707	709	764	830	1,477	1,387	1,038	425	2,275	2,324	1,316
Washington, D. C.	455	787	552	1,118	226	136	302	891	3,048	2,974	.....

WEIGHTS AND MEASURES

Troy Weight

Used for weighing gold, silver and jewels.

24 grains = 1 pwt. 12 ounces = 1 pound.
20 pwts. = 1 ounce.

Apothecaries' Weight

The ounce and pound in this are the same as in troy weight.

20 grains = 1 scruple. 8 drams = 1 ounce.
3 scruples = 1 dram. 12 ounces = 1 pound.

Avoirdupois Weight

27 11-32 grains = 1 dram 4 quarters = 1 cwt.
16 drams = 1 ounce. 2,000 lbs. = 1 short ton.
16 ounces = 1 pound. 2,240 lbs. = 1 long ton.
25 pounds = 1 quarter.

Dry Measure

2 pints = 1 quart. 4 pecks = 1 bushel.
8 quarts = 1 peck. 36 bushels = 1 chaldron.

Liquid Measure

4 gills = 1 pint 3 1/2 gallons = 1 barrel.
2 pints = 1 quart. 2 barrels = 1 hogshead.
4 quarts = 1 gallon.

Time Measure

60 seconds = 1 minute. 24 hours = 1 day.
60 minutes = 1 hour. 7 days = 1 week.
28, 29, 30 or 31 days = 1 calendar month (30 days = 1 month in computing interest).
365 days = 1 year. 366 days = 1 leap year.

Long Measure

12 inches = 1 foot. 40 rods = 1 furlong.
3 feet = 1 yard. 8 furlongs = 1 sta. mile
5 1/2 yards = 1 rod. 3 miles = 1 league.

Cloth Measure

2 1/4 inches = 1 nail. 4 quarters = 1 yard.
4 nails = 1 quarter.

Square Measure

144 sq. inches = 1 sq. ft. 40 sq. rds. = 1 rood.
9 sq. ft. = 1 sq. yard. 4 roods = 1 acre.
30 1/4 sq. yds = 1 sq. rd. 640 acres = 1 sq. mile.

Surveyors' Measure

- 7.92 inches = 1 link. 4 rds. = 1 chain.
25 links = 1 rod.
10 sq. chains or 160 sq. rods = 1 acre.
640 acres = 1 sq. mile.
36 sq. miles (6 miles sq.) = 1 township.

Cubic Measure

- 1,728 cu. in. = 1 cu. ft. 128 c. f. = 1 cord (wood)
27 cubic ft. = 1 cu. yd. 40 c. f. = 1 ton (shpg.)
2,150.42 cubic inches = 1 standard bushel.
231 cubic inches = 1 standard gallon.
1 cubic ft. = about 4-5 of a bushel.

Metric Equivalents

Linear Measure

- 1 centimeter = 0.3937 in. 1 kilometer = 0.62137
1 decimeter = 3.937 in. mile.
= 0.328 feet. 1 in. = 2.54 centimeters.
1 meter = 39.37 inches 1 ft. = 3.048 decimeters.
= 1.0936 yards. 1 yd. = 0.9144 meter.
1 dekameter = 1.9844 1 rod = 0.5029 dekameter
rods. 1 mile = 1.6093 kilometers

Square Measure

- 1 sq. centimeter = 1 sq. inch = 6.452 sq.
0.1550 sq. in. centimeters.
1 sq. decimeter = 0.1076 1 sq. foot = 9.2903 sq.
sq. ft. decimeters.
1 sq. meter = 1.196 1 sq. yd. = 0.8361 sq.
sq. yds. meter.
1 are = 3.954 sq. rds. 1 sq. rd. = 0.2529 are.
1 hectare = 2.47 acres. 1 acre = 0.4047 hectare.
1 sq. kilometer = 0.386 1 sq. m. = 2.59 square
sq. m. kilometers.

Weights

- 1 gram = 0.03527 oz. 1 oz. = 28.35 grams.
1 kilogram = 2.2046 lbs. 1 lb. = 0.4536 kilogram.
1 metric ton = 1.1023 1 English ton = 0.9072
English ton. metric ton.

Approximate Metric Equivalents

- 1 decimeter = 4 inches. 1 liter = 1.06 qts. liquid,
1 meter = 1.1 yards. 0.9 qt. dry.
1 kilometer = $\frac{5}{8}$ of a mile. 1 hektoliter = $2\frac{1}{2}$
1 hectare = $2\frac{1}{2}$ acres. bushels.
1 stere. or cu. meter = 1 kilogram = 2 1-5 lbs.
 $\frac{1}{4}$ of a cord. 1 metric ton = 2,200 lbs.

KITCHEN WEIGHTS, MEASURES AND USEFUL INFORMATION

- 4 large tablespoonsful = $\frac{1}{2}$ gill
- 1 teacup = 1 gill
- 1 common sized tumbler = $\frac{1}{2}$ pint
- 2 cups = 1 pint
- 2 pints = 1 quart
- 1 tablespoonful = $\frac{1}{2}$ ounce
- 1 large wine glass = 2 ounces
- 8 quarts = 1 peck
- 4 cups flour = 1 pound
- 2 cups solid butter = 1 pound
- 4 quarts = 1 gallon
- 2 cups granulated sugar = 1 pound
- 3 cups cornmeal = 1 pound
- $2\frac{2}{3}$ cups brown sugar = 1 pound
- 2 cups solid meat = 1 pound
- $2\frac{2}{3}$ cups powdered sugar = 1 pound
- 16 ounces = 1 pound
- 2 tablespoons butter, sugar, salt = 1 ounce
- 4 tablespoons flour = 1 ounce
- 16 tablespoonsful = 1 cupful
- 60 drops = 1 teaspoonful
- 8 saltspoonsful = 1 teaspoonful
- 3 teaspoonsful = 1 tablespoonful
- 4 tablespoonsful = $\frac{1}{4}$ cupful
- 1 cup shelled almonds = $\frac{1}{4}$ pound
- $\frac{1}{4}$ pound cornstarch = 1 cupful

Approximate Cup Measures

- | | |
|----------------------------|-----------------------|
| 1 cup granulated sugar | = $\frac{1}{2}$ pound |
| 1 cup butter | = $\frac{1}{2}$ pound |
| 1 cup lard | = $\frac{1}{2}$ pound |
| 1 cup flour | = $\frac{1}{4}$ pound |
| 1 cup rice | = $\frac{1}{2}$ pound |
| 1 cup cornmeal | = 5 ounces |
| 1 cup raisins (stemmed) | = 6 ounces |
| 1 cup currants (cleaned) | = 6 ounces |
| 1 cup bread crumbs (stale) | = 2 ounces |
| 1 cup chopped meat | = $\frac{1}{2}$ pound |

KITCHEN WEIGHTS, MEASURES AND USEFUL INFORMATION

Equivalents of Capacity

(All measures are level full)

3 teaspoons	= 1 tablespoon
½ fluid ounce	= 1 tablespoon
16 tablespoons	= 1 cup
2 gills	= 1 cup
½ liquid pint	= 1 cup
8 fluid ounces	= 1 cup
1 liquid pint	= 2 cups
16 fluid ounces	= 2 cups

Lbs. per bu.

Apples, 45
Barley, 47
Beans, dried, 60
Beets, 56
Bran, 20
Buckwheat, 48
Cabbage, 50
Carrots, 50
Cement, 100
Charcoal, 20
Cherries, 56
Chestnuts, 50
Clover seed, 60
Coal, 75
Coke, 40
Corn, shelled, 56
Corn, ear, 70
Cornmeal, 50
Cranberries, 40
Cucumbers, 50
Currants, 40
Grapes, 48
Grass seed, 14
Hominy, 60

Lbs. per bu.

Lime, 80
Oats, 32
Onions, 50
Peaches, 48
Peanuts, 22
Pears, 50
Peas, green, 56
Peas, dried, 60
Plums, 64
Potatoes, 60
Potatoes (sweet) 54
Quinces, 48
Rice, 45
Rutabagas, 60
Rye, 56
Rye-meal, 60
Salt (coarse), 85
Salt (ground), 62
Sand, 100
Timothy seed, 45
Tomatoes, 60
Turnips, 60
Walnuts, 50
Wheat, 60

SOCIAL SECURITY ADMINISTRATION
Old Age and Survivors Insurance Benefits
Upon Retirement or Death
After March 31, 1952(a)

Average Monthly Wage After 1950(b)	Retired Worker	Worker and Spouse or Child	Child or Widow or Widower or Parent	Widow and Two Children	Lump-Sum Death Payment
\$30 or less	\$20.00	\$ 30.00	\$15.00	\$ 40.00*	\$ 60.00
\$35-\$50	25.00	37.50	18.80	40.00*	75.00
\$100	50.00	75.00	37.50	80.00*	150.00
\$150	57.50	86.30	43.20	115.20	172.50
\$200	65.00	97.50	48.80	130.20	195.00
\$250	72.50	108.80	54.40	145.20	217.50
\$300	80.00	120.00	60.00	150.00*	240.00

*Maximum family benefits are 80 % of the average monthly wage or \$150 whichever is the least. There is no adjustment for maximum unless family benefits of more than \$40 are payable.

- (a) If a higher benefit would result by using wages earned in covered employment after 1936, the old formula would be used, and the resulting amount converted to a higher benefit as provided by law.
- (b) Average monthly wage equals wages earned in covered employment, and self-employment income after 1950, divided by all months after 1950 and up to the point of computation. Only \$3600 a calendar year can be used.

NOTE: The nearest social security office should be consulted when the worker becomes 65 or dies. No benefits can be paid for any month in which the beneficiary, while under age 75, works for "wages" or self-employment income of more than \$50.

Metric and Decimal Equivalents of Common Fractions

Fractions of an inch	Deci- m's of an inch	Milli- meters	Fractions of an inch	Deci- mals of an inch	Milli- meters
$\frac{1}{64}$	.0156	0.397	$\frac{33}{64}$	.5156	13.097
$\frac{1}{32}$	.0313	0.794	$\frac{17}{32}$	.5313	13.494
$\frac{3}{64}$	.0469	1.191	$\frac{35}{64}$	.5469	13.891
$\frac{1}{16}$	.0625	1.588	$\frac{9}{16}$	.5625	14.287
$\frac{5}{64}$	.0781	1.985	$\frac{37}{64}$	.5781	14.684
$\frac{1}{8}$	.0938	2.381	$\frac{19}{32}$	.5938	15.081
$\frac{3}{16}$	.1094	2.778	$\frac{39}{64}$	.6094	15.478
$\frac{1}{4}$	.1250	3.175	$\frac{5}{8}$	.6250	15.875
$\frac{9}{64}$	.1406	3.572	$\frac{41}{64}$	.6406	16.272
$\frac{5}{32}$	.1563	3.969	$\frac{21}{32}$	.6563	16.688
$\frac{11}{64}$	.1719	4.366	$\frac{43}{64}$	.6719	17.085
$\frac{3}{16}$	.1875	4.762	$\frac{11}{16}$	.6875	17.462
$\frac{13}{64}$	.2031	5.159	$\frac{45}{64}$	.7031	17.859
$\frac{1}{8}$	.2188	5.556	$\frac{23}{32}$	.7188	18.256
$\frac{15}{64}$	.2344	5.953	$\frac{47}{64}$	.7344	18.653
$\frac{1}{4}$	.2500	6.350	$\frac{3}{4}$	.7500	19.050
$\frac{17}{64}$	.2656	6.747	$\frac{49}{64}$	.7656	19.447
$\frac{9}{32}$	.2813	7.144	$\frac{25}{32}$	.7813	19.843
$\frac{19}{64}$	.2969	7.541	$\frac{51}{64}$	.7969	20.240
$\frac{5}{16}$	.3125	7.937	$\frac{13}{16}$	.8125	20.637
$\frac{21}{64}$	.3281	8.334	$\frac{53}{64}$	.8281	21.034
$\frac{11}{32}$	.3438	8.731	$\frac{27}{32}$	.8438	21.430
$\frac{23}{64}$	.3594	9.128	$\frac{55}{64}$	.8594	21.827
$\frac{3}{8}$	.3750	9.525	$\frac{7}{8}$	.8750	22.224
$\frac{25}{64}$	.3906	9.922	$\frac{57}{64}$	.8906	22.621
$\frac{13}{32}$	.4063	10.319	$\frac{29}{32}$	.9063	23.018
$\frac{27}{64}$	.4219	10.716	$\frac{39}{64}$	.9219	23.415
$\frac{1}{10}$	.4375	11.112	$\frac{15}{16}$	.9375	23.812
$\frac{29}{64}$	.4531	11.509	$\frac{61}{64}$	.9531	24.209
$\frac{15}{32}$	.4688	11.906	$\frac{31}{32}$	.9688	24.603
$\frac{31}{64}$	.4844	12.303	$\frac{63}{64}$	.9844	25.003
$\frac{1}{2}$	.5000	12.700		1.0000	25.400

SURVIVAL UNDER ATOMIC ATTACK

KILL THE MYTHS

Atomic weapons will **not** destroy the earth. Atomic bombs hold more death and destruction than man ever before has wrapped up in a single package but their over-all power has very definite limits. Not even hydrogen bombs will blow the earth apart or kill us all by radioactivity.

Doubling bomb power **does not** double destruction. Modern A-bombs can cause heavy damage 2 miles away but doubling their power would extend that range only to 2½ miles. To stretch the damage range from 2 to 4 miles would require a weapon more than 8 times the rated power of present models.

Radioactivity is **not** the bomb's greatest threat. In most atom raids, blast and heat are by far the greatest dangers that people must face. Radioactivity alone would account for only a small percentage of all human deaths and injuries, except in underground or underwater explosions.

Radiation sickness is **not** always fatal. In small amounts radioactivity seldom is harmful. Even when serious radiation sickness follows a heavy dosage there is still good chance for recovery.

SIX SURVIVAL SECRETS

1. Try to get shielded. If you have time, get down in a basement or subway. Should you be caught out-of-doors, seek shelter alongside a building or jump in any handy ditch or gutter.

2. Drop flat on ground or floor. To keep from being tossed about and to lessen chances of being struck by falling and flying objects, flatten out at the base of a wall or at the bottom of a bank.

3. Bury your face in your arms. When you drop flat, hide your eyes in the crook of your elbow. That will protect your face from flash burns, prevent temporary blindness and keep flying objects out of your eyes.

4. Don't rush outside right after a bombing. After an air burst, wait a few minutes, then go help fight fires. After other kinds of bursts, wait at least 1 hour to give lingering radiation some chance to die down.

5. Don't take chances with food or water in open containers. To prevent radioactive poisoning or disease, select food and water with care. When there is reason to believe they may be contaminated, stick to canned and bottled things if possible.

6. Don't start rumors. In the confusion that follows a bombing, a single rumor might touch off a panic that could cost your life.

FIVE KEYS TO HOUSEHOLD SAFETY

1. Strive for "fireproof housekeeping." Don't let trash pile up; keep waste paper in covered containers. When an alert sounds, do all you can to eliminate sparks by shutting off the oil burner and covering all open flames.

2. Know your own home. Know which is the safest part of your cellar; learn to turn off your oil burner and what to do about utilities.

3. Have emergency equipment and supplies handy. Always have a good flashlight, a radio, first-aid equipment and a supply of canned goods in the house.

4. Close all windows and doors and draw the blinds. If you have time when an alert sounds, close the house up tight to keep out fire sparks and radioactive dusts and to lessen chances of being cut by flying glass. Keep house closed until all danger is past.

5. Use the telephone only for true emergencies. Don't use the phone unless absolutely necessary. Leave the lines open for real emergency traffic.

BIRTH STONES AND THEIR SIGNIFICANCE

January	Garnet	Constancy
February	Amethyst	Sincerity
March	Bloodstone or Aquamarine	Courage
April	Diamond	Innocence
May	Emerald	Happiness
June	Pearl or Moonstone	Purity or Long Life
July	Ruby	Friendship
August	Sardonyx	Felicity
September	Sapphire	Good Fortune
October	Opal	Hope
November	Topaz	Fidelity
December	Turquoise	Success

PRINCIPAL WEDDING ANNIVERSARIES

First	Paper
Second	Cotton
Third	Leather
Fourth	Books
Fifth	Wooden
Sixth	Iron
Seventh	Copper, Bronze or Brass
Eighth	Electrical Appliances
Ninth	Pottery
Tenth	Tin or Aluminum
Eleventh	Steel
Twelfth	Silk or Linen
Thirteenth	Lace
Fourteenth	Ivory
Fifteenth	Crystal
Twentieth	China
Twenty-fifth	Silver
Thirtieth	Pearl
Thirty-fifth	Coral or Jade
Fortieth	Ruby
Forty-fifth	Sapphire
Fiftieth	Gold
Fifty-fifth	Emerald
Sixtieth	Diamond

USEFUL INFORMATION

- To find diameter of a circle multiply circumference by .31831.
- To find circumference of a circle multiply diameter by 3.1416.
- To find area of a circle multiply square of diameter by .7854.
- To find surface of a ball multiply square of diameter by 3.1416.
- To find side of an equal square multiply diameter by .8862.
- To find cubic inches in a ball multiply cube of diameter by .5236.
- Doubling the diameter of a pipe increases its capacity four times.
- A gallon of water (U. S. Standard) weighs $8\frac{1}{2}$ lbs., and contains 231 cubic inches.
- A cubic foot of water contains $7\frac{1}{2}$ gallons, 1,728 cubic inches, and weighs $62\frac{1}{2}$ lbs.
- Double riveting is from 16 to 20 per cent, stronger than single.
- One cubic foot of anthracite coal weighs about 53 pounds.
- One cubic foot of bituminous coal weighs from 47 to 50 pounds.
- One ton of coal is equivalent to two cords of wood for steam purposes.
- There are nine square feet of heating surface to each square foot of grate surface.
- The average consumption of coal for steam boilers is 12 lbs. per hour for each sq. ft. of grate surface.
- Each nominal horse power of a boiler requires 30 to 35 lbs. of water per hour.
- A horse power is equivalent to raising 33,000 lbs. one ft. per minute, or 550 lbs. one ft. per second.
- To sharpen dull files lay them in dilute sulphuric acid until they are eaten deep.

ANTIDOTES FOR POISONS

First.—Send for a physician.

Second.—If breathing is failing or cannot be discerned, apply artificial respiration.

Third.—"a", if the lips and mouth are burned, do not give an emetic but an antidote which will neutralize the poison. Acids are antidotes for alkalis and vice versa. "h" except when the lips and mouth are burned, promptly induce vomiting by tickling throat with finger or feather, etc.

SPECIAL POISONS AND ANTIDOTES

- | | | |
|---|---|---|
| Acids. —Muriatic, Oxalic,
Acetic, Sulphuric (Oil
of Vitriol), Nitric (Aqua
Fortis). | { | Soap-suds,
magnesia,
lime water. |
| Prussic Acid | { | Ammonia in water. Dash water
in face. |
| Carbolic Acid. | { | Flour and water, mucilaginous
drinks. |
| Alkalies. —Potash, Lye,
Hartshorn, Ammonia. | { | Vinegar or lemon juice in
water. |
| Arsenic. —Rat Poison,
Paris Green. | { | Milk, raw eggs, sweet oil,
linewater, flour and water. |
| Bug Poison. —Lead, Saltpetre,
Corrosive Sublimate, Sugar
of Lead, Blue Vitriol. | { | Whites of eggs, or milk
in large doses. |
| Chloroform. —
Chloral.
Ether. | { | Dash cold water on head and chest.
Artificial respiration. |
| Carbonate of Soda.
Copperas, Cobalt: | { | Soap-suds and mucilaginous
drinks. |
| Iodine—Antimony.
Tartar emetic. | { | Starch and water astringent
infusions. Strong tea. |
| Mercury and its
Salts. | { | Whites of eggs, milk,
mucilages. |
| Opium. —Morphine,
Laudanum, Paragoric:
Soothing Powders or
Syrups. | { | Strong coffee, hot bath. Keep
awake and moving at any
cost. |

HELP IN CASE OF ACCIDENTS

BURNS and SCALDS. Cover with Cooking Soda and lay wet cloths over it.

CINDERS IN THE EYE. Roll soft paper up like a lamp-lighter and wet the tip to remove, or use a medicine-dropper to draw it out. Rub the OTHER EYE.

FAINTING. Place flat on back; allow fresh air.

LIGHTNING. Apply artificial respiration if victim is not breathing.

MAD DOG or SNAKE BITE. Tie cord tight above wound. Have experienced person cauterize or incise wound as soon as possible.

TESTS OF DEATH. Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead the hole will remain, if alive it will close up.

VENOMOUS INSECTS' STINGS, etc. Apply Weak Ammonia, Oil, Salt Water, or Iodine.

STANDARD TECHNIQUE OF ARTIFICIAL RESPIRATION

1. Lay the patient on his belly, one arm extended directly overhead, the other arm bent at elbow and with the face turned outward and resting on hand or forearm, so that the nose and mouth are free for breathing.

2. Kneel straddling the patient's thighs. Place the palms of the hands on the small of the back with fingers resting on the ribs, the little finger just touching the lowest rib, with the thumb and fingers in a natural position and the tips of the fingers just out of sight.

3. With the arms held straight, swing forward slowly, so that the weight of your body is gradually brought to bear upon the patient. The shoulder should be directly over the heel of the hand at the end of the forward swing. Do not bend your elbows. This operation should take about two seconds.

4. Now immediately swing backward so as to remove the pressure completely.

STANDARD TECHNIQUE OF ARTIFICIAL RESPIRATION (Continued)

5. After two seconds swing forward again. Thus repeat unhurriedly twelve to fifteen times a minute the double movement of compression and release, a complete respiration in four or five seconds.

6. Continue artificial respiration without interruption until natural breathing is restored,—if necessary, four hours or longer or until a physician declares the patient dead.

7. As soon as artificial respiration has been started and while it is being continued, an assistant should loosen any tight clothing about the patient's neck, chest or waist. Keep the patient warm. Do not give any liquids whatever by mouth until the patient is fully conscious.

8. To avoid strain on the heart when the patient revives, he should be kept lying down and not allowed to stand or sit up. If the doctor has not arrived by the time the patient has revived, the patient should be given some stimulant such as one teaspoonful of aromatic spirits of ammonia in a small glass of water, or a hot drink of coffee or tea, etc. The patient should be kept warm.

9. Resuscitation should be carried on at the nearest possible point to where the patient received his injuries. He should not be moved from this point until he is breathing normally, of his own volition, and then moved only in a lying position. Should it be necessary, due to extreme weather conditions, etc. to move the patient before he is breathing normally, resuscitation should be carried on during the time he is being moved.

10. A brief return of natural respiration is not a certain indication for stopping the resuscitation. Not infrequently the patient, after a temporary recovery of respiration, stops breathing again. The patient must be watched and if natural breathing stops, artificial respiration should be resumed at once.

11. In carrying out resuscitation it may be necessary to change the operator. This change must be made without losing the rhythm of respiration. By this procedure no confusion results at the time of change of operator and a regular rhythm is kept up.

JANUARY, 1953

Thursday 1

New Year's Day

Friday 2

Saturday 3

Memoranda

JANUARY, 1953

Sunday 4

Monday 5

Tuesday 6

Wednesday 7

JANUARY, 1953

Thursday 8

Friday 9

Saturday 10

Memoranda

JANUARY, 1953

Sunday 11

Monday 12

Tuesday 13

Wednesday 14

JANUARY, 1953

Thursday 15

Friday 16

Saturday 17

Memoranda

JANUARY, 1958

Sunday 18

Monday 19

Tuesday 20

Wednesday 21

JANUARY, 1953

Thursday 22

Friday 23

Saturday 24

Memoranda

JANUARY, 1953

Sunday 25

Monday 26

Tuesday 27

Wednesday 28

LAST DAY AT MUSEUM

JANUARY, 1953

Thursday 29 SAILED FROM
NEW YORK ABOARD S/S
PIONEER GLEN FOR
AUSTRALIA. KAY, BILL, DOT
+ RUS PETERSON. LEN BRASS
FLYING WATER. GEOFF WITH ME.

Friday 30 LT. $27^{\circ}26'N$; LG. 75°
 $15'W$. DIST. 196 MI.
ST. TIME 12 H. 40 M. AV. SP. 15.47
KNOTS. WIND N.W. 3. SEA-SMOOTH
NEWPORT NEWS, VA. 6: P.M.

TO TOWN. SHIPBUILDING YARD.

Saturday 31 LT. $36^{\circ}13'N$; LG. 75°
 $28'W$. DIST. 53 MI. ST. TIME
3 H. 30 M. AV. SP. 15.14 K. WIND
S.E. 2 SEA SLIGHT. PASSED CAPE
HATTERAS AT 5: P.M. RAIN SQUALLS
BLOWING A BIT. GANNETS

Memoranda

CAPT. ERICKSON (PEDER)

MATE: HARLAN WADLEIGH

2ND J.M. WALSH

3RD. DON

JR. 3RD.

PEIFER

FEBRUARY, 1953

Sunday 1 AT SEA. CROSSING
BIGHT - CAPE HAT TO FLORIDA
IN GULF STREAM. FIRST FLYING
FISH.

Monday 2 AT SEA. FLORIDA
IN SIGHT EARLY A.M.
ROUNDED KEYS INTO GULF
OF MEXICO DURING EVENING.
LT. $26^{\circ}10'N$; LG. $80^{\circ}04'W$.
JAEGER'S FOLLOWING.

Tuesday 3 AT SEA. DOLPHINS
UNDER BOW WAVE. AVIC
TOOK FINE PHOTO. PORT. M. OF W.
COMMON. JAEGER'S WITH US
IN A.M.

Wednesday 4 ARRIVED NEW ORLEANS
AT DUSK. GEOFF + I WALK-
ED TO CANAL ST. WALKED
THRU FRENCH QUARTER -
OLD N.O. MIXTURE OF ANTIQUE
STORES + STRIP BARS.

FEBRUARY, 1958

Thursday 5 NEW ORLEANS
DINNER AT ANTOINE'S W.
MIDGE, AVICE, + GEOFF.
DANCING AT HOTEL ROOSEVELT
PLANTATION BOOK STORE

Friday 6 NEW ORLEANS
BOOK STORE; MUSEUM
SAILED 8: P.M. FOR BEAUMONT

Saturday 7 AT SEA
LT. $28^{\circ}55'N$; LG. $91^{\circ}51'W$
PASSED PORT ARTHUR
AT 9: P.M. ON WAY UP
SHIP CANAL (NECHEZ RIVER)
TO BEAUMONT

Memoranda

PRESBYTÈRE MUSEUM - MRS.
FAIRMAN; SPRING FESTIVAL
MISS DILLON; PLANTATION BOOK
STORE - MR. + MRS. LEISURE

FEBRUARY, 1953

Sunday 8

Monday 9

Tuesday 10 AT PORT HOUSTON, TEX.
RAIN. STAYED ABOARD EXCEPT
FOR TEA ABOARD DUTCH FREIGHTER
S/S ALBLASSERDIJK. 3RD. MATE
JOHANN DROST CAME ABOARD FOR
DINNER. READ

Wednesday 11

FEBRUARY, 1953

Thursday 12

Lincoln's Birthday

Friday 13

Saturday 14

Memoranda

FEBRUARY, 1953

Sunday 15 AT SEA

Monday 16 AT SEA

LAT. 13

Tuesday 17 CANAL IN SIGHT AT
6: A.M. DOCKED AT 8:30 A.M.

Wednesday 18 CANAL ZONE

Ash Wednesday

FEBRUARY, 1953

Thursday 19 SAILED AT 8:00 A.M.
ANCHORED IN GATUN LAKE

Friday 20 AT SEA

Saturday 21 AT SEA

Memoranda

FEBRUARY, 1953

Sunday 22 AT SEA

Washington's Birthday

Monday 23 AT SEA

Tuesday 24 AT SEA

Wednesday 25 AT SEA

FEBRUARY, 1953

Thursday 26 AT SEA

Friday 27 AT SEA

Saturday 28 AT SEA

Memoranda

MARCH, 1953

Sunday 1 AT SEA

Monday 2 AT SEA

Tuesday 3 AT SEA

Wednesday 4 AT SEA

MARCH, 1953

Thursday 5 AT SEA

Friday 6 AT SEA

Saturday 7 AT SEA

Memoranda

MARCH, 1953

Sunday 8 AT SEA

Monday 9 AT SEA

Tuesday 10 AT SEA

Wednesday 11 AT SEA

MARCH, 1953

Thursday 12 AT SEA

Friday 13 ARRIVED BRISBANE

10:30 A.M. MR. BROOKS +
JENNIS WILLIAMS MET US.
TO LENNON'S HOTEL. AT MUSEUM
WITH MR. MACK + DON VERNON - P.M.
DINNER W. J.V. + CECILY SANDERCOCK

Saturday 14 LENNON'S HOTEL

FLEW AT 11:30 A.M. FROM
BRISBANE DIRECT TO
CAIRNS. MET GEORGE BROOKS
+ MR. + MRS. TOM WEBB. AT
HIDES HOTEL FOR NIGHT.

Memoranda

MR. WILLIS - STEAMSHIP TR. Co.

MR. W. B. RYAN - B.P. Co.

MARCH, 1953

Sunday 15 IN CHAIRS AT
HIDES HOTEL. FLY AT
8:30 A.M. BY FLYING BOAT
TO PORT MORESBY.
ARRIVED P.M. 1:30 P.M.

PAPUA HOTEL. TO RONAFALLS

Monday 16 LEFT P.M. BY
FLYING BOAT 9: A.M. FOR
SAMARAI. ARRIVED 11: A.M.
STAYING WITH GEORGE
MILLER - MGR. OF A.H. BUNTING
HOSTESS: MISS AILSA GRIFFEN

Tuesday 17 SAMARAI

REPACKED EXP. GEAR
COCKTAIL PARTY AT R.
BUNTING'S HOME FOR EXP.
MEMBERS + FEW RESIDENTS
+ D.C.

Wednesday 18 SAMARAI

MARCH, 1953

Thursday 19 SAMARAI

DINNER FOR EXP. AT
MILLER'S. GEAR LOADED
ON LAUNCH.

Friday 20 LEFT SAMARAI

BY LAUNCH "GOVILON" AT
7: A.M. ACROSS MOUTH OF
MILNE BAY, AROUND EAST
CAPE TO CAPE FRERE TO
DOGURA MISSION

Saturday 21 ARRIVED AT

MENAPI ON CAPE
VOGEL PENINSULA

Memoranda TRUS WEBSTER -
GEORGE MILLER / RT. BT.
RILSA GRIBBEN

MARCH, 1953

Sunday 22 MENAPI - FIRST
COLLECTING DAY

Monday 23 MENAPI

Tuesday 24 MENAPI

Wednesday 25 MENAPI

MARCH, 1953

Thursday 26 - MENAPI

Friday 27 MENAPI

Saturday 28 MENAPI

Memoranda FATHER CHISHOLM
BILL MASON - TRADER
MRS. HOBART SPILLER
(OWNER OF TRADE STORE
& COCONUT PLANTATION)
NATIVE PAPUAN

MARCH, 1953

Sunday 29

MENAPI

Monday 30

MENAPI

Tuesday 31

MENAPI

Wednesday, April 1, 1953 MENAPI

APRIL, 1953

Thursday 2 MENAPI

Friday 3 MENAPI
Good Friday

Saturday 4 MENAPI

Memoranda

APRIL, 1953

Sunday 5 MENAPI. MAIL

Easter Sunday FROM HOME

(KAY #4, T.D.C., J. GROBE)

18TH WEDDING ANNIV.

Monday 6 MENAPI

Tuesday 7 TO DABORA BY

"RURU" WITH LEN BRASS.

TO EXPLORE BAT CAVES

Wednesday 8 DABORA. TO

TAPITAPII BAT CAVES.

8 SPECIES! 74 SPEC.

APRIL, 1953

Thursday 9 DABORA

BOYS TAKED 5 CUSEUS

Friday 10 BY "RURU" FROM
DABORA TO MENAPI AT
3: P.M. WENT OVER TEN
WYNN'S MT. MANEAU
REPORT.

Saturday 11

Memoranda TIMOTHY - 5% ER.
OSWIN THE VILLAGE
POLICEMAN.

APRIL, 1953

Sunday 12

Monday 13

Tuesday 14

Wednesday 15

APRIL, 1953

Thursday 16

Friday 17

Saturday 18

Memoranda

APRIL, 1953

Sunday 19

Monday 20

Tuesday 21

Wednesday 22

APRIL, 1953

Thursday 23

Friday 24

Saturday 25

Memoranda

APRIL, 1953

Sunday 26 MENDUPI

Monday 27

Tuesday 28

Wednesday 29

APRIL, 1953

Thursday 30

Friday, May 1, 1953

Saturday 2

Memoranda

MAY, 1953

Sunday 3 MENAPI

Monday 4 MENAPI

Tuesday 5 MENAPI (LEFT 6:45)
ARRIVED MEDINO 3:30 P.M.
TACKED LARGE BANDICOOT.
SLEPT ON BOARD.

Wednesday 6 LEFT MEDINO
7:30 A.M. ARRIVED AT
CREEK MOUTH OFF BAIAWA
11: A.M. MANEAV IN CLOUDS
REST HOUSE ON HILL.

MAY, 1953

Thursday 7 BAIAWA.

KEN TO KWAGIRA WITH
CARRIER LOADS.

Friday 8 BAIAWA

V-E Day

Saturday 9 BAIAWA

100 DAYS FROM HOME

Memoranda

MAY, 1953

Sunday 10

BALAWA

Monday 11

BALAWA

Tuesday 12

BALAWA TO
KWAGIRA

Wednesday 13

KWAGIRA TO
BINIGUNI

MAY, 1953

Thursday 14 BINIGUNI

Friday 15 BINIGUNI

Saturday 16 BINIGUNI

Memoranda

10 - 7 CARRIERS, B. POLICEMAN,
MAY, 1953 DAVID + I.

Sunday 17 LEFT BINIGUNI AT
10:50 A.M. FOR FIRST DAY'S CLIMB
CAMPED AT 2:35 (2 HR. 25 MIN.
WALKING PLUS SPELLS) A NEARLY
DAY. IN TALL RAIN FOREST,
ELEV. ABOUT 700 METERS.

Monday 18 ARRIVED AT "TOP
CAMP" (2300 M) AT 3: P.M.

Tuesday 19 TOP CAMP

LABELS TO READ:

MT. DAYMAN (MANEAU RANGE)
NORTH SLOPES

Wednesday 20

MAY 1953

Thursday 21

Friday 22

Saturday 23

Memoranda

MAY, 1953

Sunday 24 TOP CAMP. KEN
WYNN + I CUT OUR WAY
DOWN INTO GORGE OF THE
KWARIU RIVER.

Monday 25 TOP CAMP. K. W.
NIHO + FRANK LEFT FOR
BINIGUNI.

Tuesday 26 TOP CAMP

Wednesday 27

MAY, 1953

Thursday 28

Friday 29

Saturday 30
Memorial Day

Memoranda

MAY, 1953

Sunday 31 Top Camp

Monday, June 1, 1953

Tuesday 2

Wednesday 3

JUNE, 1953

Thursday 4 Top Camp

Friday 5

Saturday 6 GEOFF + I CLIMBED

MT. MORNAY. ARRIVED 9:30 A.M.

2725 M (8956 FT.) WITH 3 BOYS

LEFT OUR "TOP CAMP" 2230 M AT

7:20 A.M. G. READ CORONATION

SPEECH + SEALED IN STONE CAIRN.

Memoranda

JUNE, 1953

Sunday 7

Monday 8

Tuesday 9

Wednesday 10

JUNE, 1953

Thursday 11

Friday 12

Saturday 13

Memoranda

JUNE, 1953

Sunday 14

Monday 15

Tuesday 16

Wednesday 17

JUNE, 1953

Thursday 18

Friday 19

Saturday 20 BROKE TOP CAMP.
CARRIERS + KEN WYNN
ARRIVED TOP CAMP 9:30 A.M.
DOWN TO 2ND OR MIDDLE
CAMP IN BEECH FOREST AT
1540 M.

Memoranda

JUNE, 1953

Sunday 21 MIDDLE CAMP

Monday 22

Tuesday 23

Wednesday 24

JUNE, 1953

Thursday 25

Friday 26

Saturday 27

Memoranda

JUNE, 1953

Sunday 28

MIDDLE CAMP

Monday 29

Tuesday 30

Wednesday, July 1, 1953

JULY, 1953

Thursday 2

Friday 3

Saturday 4

Independence Day

Memoranda





JULY, 1953

Sunday 5

Monday 6

Tuesday 7

Wednesday 8

G.M. TATE'S BIRTHDAY 56

JULY, 1953

Thursday 9

Friday 10

Saturday 11

Memoranda

JULY, 1953

Sunday 12 GEOFF LEFT FOR
BOTTOM CAMP WITH FIRST
CARRIER LOADS. RAIN ALL DAY.

20 SPECIES; 197 SPECIMENS

Monday 13 MIDDLE CAMP TO
BOTTOM CAMP. LEN + I
10:30 AM. TO 12:15 PM. Poured all
TRIP. 25 CARRIERS. TOMMY CAR-
RIED DOWN IN LITTER

Tuesday 14

Wednesday 15

JULY, 1953

Thursday 16

Friday 17 BOTTOM CAMP (700 M)

GEOFF + I VISITED LOVELY 2 STAGE
WATER FALL ON THE HAITIRU RIVER.
CASCADES + ROCKY GORGE. G. CUT
TRAIL YESTERDAY. DOUBT IF ANY
WHITE MAN HAS SEEN IT BEFORE.

Saturday 18

Memoranda

JULY, 1953

Sunday 19

Monday 20

Tuesday 21

Wednesday 22

JULY, 1953

Thursday 23

Friday 24

Saturday 25

Memoranda

JULY, 1953

Sunday 26

BOTTOM CAMP 700M
LAST DAY ON MANEAU RANGE
WRAPPED SKINS & PACKED
SKULLS. FIRST CARRIERS
ARRIVED.

Monday 27

BOTTOM CAMP TO
GWARIO RIVER CAMP - 1 MI.
S. OF BINIKUNI AT FOOT OF
MANEAU RANGE ESCARPMENT.
200 M. GOOD WATER!

Tuesday 28

Wednesday 29

JULY, 1953

Thursday 30

Friday 31

Saturday, August 1, 1953

Memoranda

AUGUST, 1953

Sunday 2

Monday 3

Tuesday 4

Wednesday 5

AUGUST, 1953

Thursday 6

Friday 7

Saturday 8

Memoranda

AUGUST, 1953

Sunday 9

Monday 10

Tuesday 11

Wednesday 12

AUGUST, 1953

Thursday 13

Friday 14 GWARIO RIVER

V-J Day CAMP TO PERIA

RIVER CAMP. 7:30 TO 9:20.

RIVER ALMOST DRY

Saturday 15

Memoranda

AUGUST, 1953

Sunday 16

Monday 17

Tuesday 18

Wednesday 19

AUGUST, 1953

Thursday 20

Friday 21

Saturday 22

Memoranda

AUGUST, 1953

Sunday 23

Monday 24

Tuesday 25

Wednesday 26

AUGUST, 1953

Thursday 27

Friday 28

Saturday 29

Memoranda

AUGUST, 1953

Sunday 30

Monday 31

Tuesday, September 1, 1953

Wednesday 2

SEPTEMBER, 1953

Thursday 3

Friday 4

Saturday 5

Memoranda

SEPTEMBER, 1953

Sunday 6

Monday 7 PERIA RIVER CAMP TO

Labor Day

BALAWA - VIA CANOES
FROM MOI BIRI CREEK LANDING

8: A.M. - 11: A.M. → LANDING

3: P.M. - 5: P.M. → BALAWA

Tuesday 8 BALAWA.

SORTING GEAR + CHECKING
SPECIMENS.

Wednesday 9

"CAPE VOGEL" - CAPT.

WILLIAM SMITH -

ARRIVED BALAWA AT

3: P.M. LOADED GEAR.

SEPTEMBER, 1953

Thursday 10 SAILED 7: A.M.
FROM BAIWA FOR
SAMARAI. LANDED IN
P.M. FOR VISIT TO CAPT.
SMITH'S TRADING STATION
AT TIP OF CAPE VOGEL

Friday 11 GEOFF'S 1ST STROKE
ARRIVED SAMARAI
NOON. RAN ALL NIGHT.
ALL GEAR DRY + IN
BUNTING WAREHOUSE.
STAYING WITH "DUSTY" MILLER

Saturday 12 WORKED ON
SPECIMENS + GEAR ALL
A.M. DINNER FOR EXP.
AT DUSTY'S.

GEOFF HAD SLIGHT STROKE
YESTERDAY.

Memoranda

DR. SIRKO

SEPTEMBER, 1953

Sunday 13

SAMARAI. GEEFF
HAS HAD SLIGHT STROKE.
RIGHT ARM USELESS. WILL
SAIL FOR ENGLAND ON FIRST
BOAT.

Monday 14

Tuesday 15

Wednesday 16

SEPTEMBER, 1953

Thursday 17

SAMARAI

Friday 18

Saturday 19

SAMARAI. RAIN
SQUALLS ALL WEEK.

Memoranda

SEPTEMBER, 1953

Sunday 20

SAILED
CLEARING A WIND
DROPPING. MAY SAIL
TOMORROW FOR G. STATION
IS. VIA NORMANBY +
FERGUSON.

Monday 21

SAILED AT 2:30 P.M.
TIDE AGAINST US IN COOK
STRAIT. WENT TONIGHT.
WILL BE HERE FOR NIGHT TO
ESA-ALA ON NORMANBY IS.
SEA CALM.

Tuesday 22

ARRIVED ESA-ALA
4:AM. BREAKFAST AT
GOV. STATION. SAILED FOR
FERGUSON IS. 9:30 A.M. AT
MAPAMOUA 2:30. ARRIVED
GOODEN ON IS. 6:30 P.M.

Wednesday 23

GOODENOUGH ISLAND
CARGO OFF "JESSIE"
PEAKS SAIL TO N. T.W.
BOLU BOLU.

SEPTEMBER, 1953

Thursday 24 BOW BOW

Friday 25

Saturday 26

Memoranda A.D.O. AT ESTER
ROBERT GREENLEY
C.P.O. HUNTER

GEOFF'S 2ND STROKE SEPT. 22

SEPTEMBER, 1953

Sunday 27

Boys Boys

Monday 28

Tuesday 29

Wednesday 30

OCTOBER, 1953

Thursday 1

BOLU BOLU

Friday 2

Saturday 3

Memoranda

OCTOBER, 1953

Sunday 4

Monday 5 BOHU BOHU TO
WAKONAI.

6:30 - 9:30 A.M.

AT FOOT OF MTS. LOOKING
OVER PLAIN TO SEA. MT.
BROOK NEAR VILLAGE.

Tuesday 6 WAKONAI TO
WATERFALL CAMP ON
WALA WALA RIVER ABOVE
GARAWATA VILLAGE. ALT.
840 M.

Wednesday 7 WATERFALL
TO TOP CAMP 1580 M.
IN OAK FOREST.

OCTOBER, 1953

Thursday 8

TOP CAMP.

Friday 9

Saturday 10

Memoranda

OCTOBER, 1953

Sunday 11

Monday 12

Columbus Day

Tuesday 13

Wednesday 14

OCTOBER, 1953

Thursday 15

Friday 16

Saturday 17

Memoranda

OCTOBER, 1953

Sunday 18

TOP CAMP
MAIL: MOTHER, BUS P. -
DUSTY MILLER WRITES
THAT GLOFF HAS HAD 2ND
STROKE. IN HOSPITAL
AT SAMARAI.

Monday 19

TOP CAMP.
RUNNER LEFT WITH
MAIL FOR BOLU BOLU.
(MOTHER, UNCLE WILL, KAY,
MIRIAM CONN, DR. ANTHONY)
1 ROLL GOODENOUGH FILM.

Tuesday 20

TOP CAMP.
END OF OUR 7TH
MONTH IN FIELD.

Wednesday 21

OCTOBER, 1953

Thursday 22

Friday 23

Saturday 24

TOP CAMP (7: A.M.)
To #2 CAMP (10: A.M.),
TRANSITION - RAIN FOREST.
SUNNY DAY, BEAUTIFUL
VIEWS OF PEAKS, GOOD
SPRING AT CAMP.

Memoranda

OCTOBER, 1953

Sunday 25

12 CAMP

Monday 26

Tuesday 27

Wednesday 28

OCTOBER, 1953

Thursday 29

1ST CARRY
WENT DOWN TO WAKONAI

Friday 30

WORD BY RUNNER
FROM KEN THAT HE HAD
CONTACTED SAMARAI. GEOFF
IS IMPROVING! - TESSIE ON
WAY TO Bobu Bobu TO PICK
US UP.

Saturday 31

#2 CAMP TO
WAKONAI. 8:30 A.M.

Memoranda

GRASS SPUR 890

UTAMADI RIVER - TRAIL 490

GRASS SPUR - HOUSE 430

WAKONAI REST HOUSE 160

NOVEMBER, 1953

Sunday 1 WAKONAI

Monday 2 WAKONAI TO BOW
BOW (6:00-8:30 A.M.). GEAR
LOADED ON "JESSIE". TO
MAPAMOINA (11: A.M. → 2: P.M.)
GUESTS OF CHARLES CORBET
BAT SHOOTING - 1 SCOTINUS

Tuesday 3 MAPAMOINA (5:30
A.M.) TO SAMARAI (8: P.M.)
GOOD VIEW OF GOODENOUGH'S
PEAKS. VISITED GEOFF IN
HOSPITAL, IMPROVING BUT
ONLY A GHOST OF FORMER SELF.

Wednesday 4 SAMARAI.
WORKED ON SPECIMENS.
KEN + I VISITED GEOFF.
LIONEL JOSEPH EVENNETT
(WALKING STICK) - FROM
TROUBRIAND IS.

NOVEMBER, 1953

Thursday 5 SAMARAI

Friday 6 SAMARAI

Saturday 7 SAMARAI. TO

SARIBA IS. WITH
JUSTY TO BURROUGHS
BOAT YARD. MEEK +
EICHORNS (B.M. COLLEGE)
LIVED HERE.

Memoranda CHARLES CORBETT
EUROPEAN MEDICAL ASST.
MAPAMOIWA

FERGUSSON IS.

(PHOTOG. + MUSIC)

NOVEMBER, 1953

Sunday 8 SAMARAI, WITH
ALISA & JUSTY TO HOINI
IS. - SKULL CAVE, SWIM-
MING & FISHING. SHELLS
FOR MISS GORE.

Monday 9 SAMARAI

Tuesday 10 SAMARAI

Wednesday 11 SAMARAI
Armistice Day

NOVEMBER, 1953

Thursday 12 SAMARAI TO
CAIRNS. HIDE'S HOTEL.
VISITED GEORGE BROOKS AT
EDGE HILL. GERT AT GEN-
ERAL HOSPITAL. TRAVELED
WELL.

Friday 13 CAIRNS - BRISBANE -
SYDNEY. DON VERNON MET
ME AT BASE WITH PORT + PAINT-
ING. SYD. AT 7:30. GEOFF AT
HELENIE PRIV. HOSP. WELL.
ORIENTAL HOTEL, KING'S CROSS.

Saturday 14 SYDNEY. CABLES TO
KAY + MIRIAM. BOUGHT BOOKS
+ LEATHER GOODS. TENNIS AT
WHITE CITY - N.S.W. CHAMP. SEIXAS.
CANDY; TRBERT - Broomwich; WILD. ROSE
PLANE FOR SINGAPORE - 9:30 P.M.

Memoranda TOINI ISLAND
SKULL, JAWS, PIPE
(CLEM RICH)

SURV. TRIBE + LANG.
BURIED HD ABOVE GD.
+ COOKING

NOVEMBER, 1953

Sunday 15

K's BIRTHDAY
I ARWIN IN EARLY A.M. 5.
I MARKET A NOON. SING-
APORE 3:15. "BUMPED" THE
EQUATOR ABOUT 3: P.M.

Monday 16

SINGAPORE TO
BANGKOK TO CALCUTTA
TO KARACHI.

Tuesday 17

OVER ARABIA.
CAIRO AT DAWN, ROME
AT NOON. LONDON -
LEANA TATE + DOROTHY
HEAD TO SEE US. TOOK
OFF AT 3: P.M. ALPS.

Wednesday 18

ARRIVED
IDLEWILD AIRPORT
8: A.M. GEOFF TO
HOSPITAL. K. + I
TO BARBIZON PLAZA
SENT CABLES

NOVEMBER, 1953

Thursday 19 N.Y.C.

Friday 20 H.V.D. 43
HOME. TO MOTHERS.
SAW MR. + MRS. CAPUTO
OFF ON SANTA PAULA.

Saturday 21

Memoranda

NOVEMBER, 1953

Sunday 22

Monday 23

Tuesday 24

Wednesday 25

H. I. HOME
FROM BLAIR

NOVEMBER, 1953

Thursday 26

Thanksgiving Day

AT I.H.V.D.'S FOR
DINNER, MOTHER OUT
FOR FIRST TIME.

Friday 27

AT MUSEUM
FOR FIRST TIME

Saturday 28

MARY SILL + JANET
MARCHANT + KAY
IN N.Y. FOR LUNCH

Memoranda

NOVEMBER, 1953

Sunday 29

Monday 30

Tuesday, December 1, 1953

Wednesday 2

DECEMBER, 1953

Thursday 3

Friday 4

Saturday 5

Memoranda

DECEMBER, 1953

Sunday 6

Monday 7

Tuesday 8

Wednesday 9

DECEMBER, 1953

Thursday 10

Friday 11

Saturday 12

Memoranda

DECEMBER, 1953

Sunday 13

Monday 14

Tuesday 15

Wednesday 16

DECEMBER, 1953

Thursday 17

Friday 18

Saturday 19

Memoranda

DECEMBER, 1953

Sunday 20

Monday 21

Tuesday 22

Wednesday 23

DECEMBER, 1953

Thursday 24

Friday 25

Christmas

Saturday 26

Memoranda

DECEMBER, 1953

Sunday 27

Monday 28

Tuesday 29

Wednesday 30

DECEMBER, 1953

Thursday 31

MEMORANDA

TASMANIAN SPARKLING CIDER
"MERCURY" HOBART

PORT HUON FRUIT JUICES LTD.
SPECIAL RESERVE

MISS JEAN TATE
NETTERTON HOUSE
NEWTON ABBOT
DEVON

(GEOFF'S SISTER)
MRS. DOROTHY HEAD
15 LIDFORD RD.
WILLESDEN GREEN
LONDON
(GEOFF'S COUSIN)

MEMORANDA

W. S. TAIT & Co.
8 SPRING ST.
SYDNEY

{ CEDRIC TAIT
L R. CARMICHAEL
BUNTING AGENT

MEMORANDA

MEMORANDA

ADDRESSES

J. J. ROST - 3RD MATE

SPANGENSEKADE

95.A

ROTTERDAM

S/S ALBLESSERDIJK

MR. VANS - DIRECTOR

MR. SMITH - TEACHER

HOUSTON NAT. HIST. MUSEUM

Coily Sanderson

Miss Jim R. FERNAND

"Happy Valley"

Upper Brookfield

BRISBANE

Chas. J. ...

DR. ROUUD HOOGLAND

DUTCH BOTANIST

MR. BRUCE W. TAYLOR

? TO McQUARRIE IS.

ADDRESSES

TOM WEBB - CAIRNS
BREADFRUIT SEEDS

ALLAN BENSTEAD
PATROL OFFICER
(FRIEND OF T. WEBB)

MRS. F. MACLEOD
165 BUNRA ST.
CAIRNS
CORAL + SHELLS

MR W. B. RYAN
c/o B. P.
PORT M. PARUA

PAUL GAYLE MADONE
9 (CLOSE TO WH. SAND)

ADDRESSES

JOAN FERGUSON
 MAMAI PLANTATION
 75 MI. W. OF SAMARAI

LIK LIK
 WAKABI
 SEPALAVI
 FERGUSSON IS.
 90 ESU-ALA

ISILELE
 KAWA BOLE
 MENA-ALA
 FERGUSSON IS.

DAVID

FAIAIANA
 FERGUSSON IS.
 BONAUBO

CASH ACCOUNT—FEBRUARY

	Received	Paid
18 S.M.N.		
75 YD. PAINT		
TO BUY		
1) CAN-OPENER - WILSON		
2) PIPE - BARKER		
3) PLASTIC BAGS - MILLER		
(PINTS, QTS., LARGE)		
FIND OUT ABOUT		
KODACHROME POST CARDS		
FOR JUSTY MILLER		
SEND TO:		
ION VERNON		
CAPE YORK REPORT		

SUMMARY

	Received	Paid
On hand January 1		
JANUARY		
FEBRUARY		
MARCH		
APRIL		
MAY		
JUNE		
JULY		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		
Total		
Balance to new account		

TELEPHONE NUMBERS

Name	Exchange	Number
1. TRAPS - TRIPOD - COLL. SUPL.		
2. "		
4. + 5. - SPECIMENS		
8. BOOTS + CLOTHES		
11. TRAPS		
22. SPECIMENS		
23. TRAPS		
24. + 25. SPECIMENS		
27. CLOTHES, SWAG, ETHEN.		
28. 32, 33. SKULLS		
34. COLL. SUPPLIES		
39. SPECIMENS		
40. COLL. BOX		
2 AMMO BOXES - SKULLS		
6 KNOCKDOWN BOXES (SPEC.)		
3 HERP TANKS - SPEC.		
CRATED MATERIAL		
FOR SHIPMENT TO		
N.Y.C. - 4TH ARCH.		
BOLD EXPEDITION.		
NOV. 1953		

TELEPHONE NUMBERS

Name	Exchange	Number
SUCKLING	277	
DAYMAN	213	
IS. PK. LOFD.	197	
^ Lot Such	262	

E. W

GAD MARAU

MANA-MAN

KAKATUN

197

213

FOOD OF HYOMYS

1 SEED (GRAPE-LIKE)

22772 Sm. GR. FRUIT (SOFT)



Hobart Merritt Van Deusen

HH

3/5 PER LB.

D. P. Verron

J 3929

2725

3.25

13625

5450

8175

185625



NO. W 1 A 5

2565 M

8:35 A.M.

1st Knob W of Man.

Summit

2725 M

Summit

9:35 A.M.

PRINTED AND BOUND IN
UNITED STATES OF AMERICA

CALENDAR 1954

1954							1954						
Sunday	Monday	Tuesday	Wed'day	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wed'day	Thursday	Friday	Saturday
JAN	3	4	5	6	7	1 2	JUL	4	5	6	7	1 2	3
	10	11	12	13	14	15 16		11	12	13	14	15 16	17
	17	18	19	20	21	22 23		18	19	20	21	22 23	24
	24	25	26	27	28	29 30		25	26	27	28	29 30	31
	31	..	..	..	..	..		..	..	..	..	..	..
FEB	7	1	2	3	4	5 6	AUG	1	2	3	4	5 6	7
	14	8	9	10	11	12 13		8	9	10	11	12 13	14
	21	15	16	17	18	19 20		15	16	17	18	19 20	21
	28	22	23	24	25	26 27		22	23	24	25	26 27	28
	..	..	..	..	..	..		29	30	31	..	..	..
MAR	7	1	2	3	4	5 6	SEP	..	..	..	1	2 3	4
	14	8	9	10	11	12 13		5	6	7	8	9 10	11
	21	15	16	17	18	19 20		12	13	14	15	16 17	18
	28	22	23	24	25	26 27		19	20	21	22	23 24	25
	..	..	..	..	..	..		26	27	28	29	30	..
APR	4	5	6	7	1	2 3	OCT	..	..	..	..	1	2
	11	8	9	10	11	12 13		3	4	5	6	7	8
	18	15	16	17	18	19 20		10	11	12	13	14 15	16
	25	22	23	24	25	26 27		17	18	19	20	21 22	23
	..	..	..	..	..	..		24	25	26	27	28 29	30
MAY	2	3	4	5	6	7 8	NOV	31	..	..	..	..	..
	9	10	11	12	13	14 15		..	1	2	3	4	5
	16	17	18	19	20	21 22		7	8	9	10	11 12	13
	23	24	25	26	27	28 29		14	15	16	17	18 19	20
	30	31	..	..	..	..		21	22	23	24	25 26	27
	..	..	..	..	..	..		28	29	30	..	..	..
JUN	6	7	1	2	3	4 5	DEC	..	..	..	1	2 3	4
	13	8	9	10	11	12		5	6	7	8	9 10	11
	20	15	16	17	18	19		12	13	14	15	16 17	18
	27	22	23	24	25	26		19	20	21	22	23 24	25
	..	..	..	..	..	..		26	27	28	29	30	31

100213090

