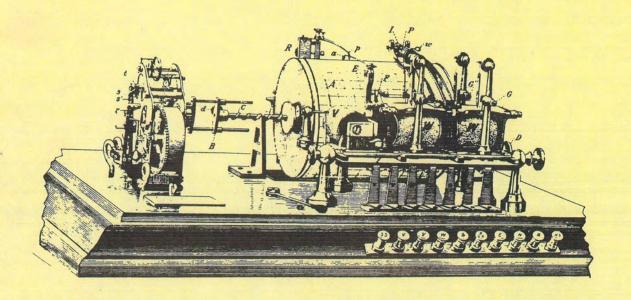
REGIONAL AND NATIONAL MONTHLY, SEASONAL AND ANNUAL TEMPERATURE WEIGHTED BY AREA 1895 - 1983



the state of the s				
70				
		,		
i				

REGIONAL AND NATIONAL

MONTHLY, SEASONAL, AND ANNUAL

TEMPERATURE

WEIGHTED BY AREA

1895-1983

Thomas R. Karl Walter James Koss

NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

June 1984



TABLE OF CONTENTS

		Page
1.	INTRODUCTION	1
2.	DATA DESCRIPTIONS	
	a. State Climatic Division Data	2
	b. Statewide Data	2
	c. Regional and National Data	4
3.	DATA PRESENTATION DESCRIPTIONS	
	a. Table Listings	5
	b. Time Series Plots	5
4.	REGIONS/STATE AREAL WEIGHTS AND REGIONAL/NATIONAL AREAL WEIGHTS	6
5.	MAP OF THE CLIMATIC REGIONS	7
6.	REFERENCES	8
7.	TABLE LISTINGS	
	a. Monthly and Annual Mean Temperatures	9-18
	b. Monthly-Group Mean Temperatures	19-28
8.	TIME SERIES GRAPHS OF REGIONAL AND NATIONAL MEAN ANNUAL TEMPERATURES	29-38

ABSTRACT

This publication contains areally-averaged temperature data for the conterminous United States and nine climatologically-defined groups of states (i.e., regions), for the 89-year period, 1895 through 1983. Tabular listings give the average temperatures by month, and groups of months (which includes the seasons and year) for the individual years in the period of record. The rank of the year-value of the calendar event is also given, which facilitates the identification of inter-annual, intra-annual, and intra-seasonal climate variability. Time series plots of annual mean temperatures for the nation and each region depict the inter-annual variation about the long-term (1895-1983) mean temperature.

The data presented in this publication are available in digital form on magnetic tape and/or floppy disk, and can be purchased by written order from:

National Climatic Data Center Federal Building Asheville, NC 28801-2696

or, by calling (704) 259-0682 (FTS 672-0682).

1. INTRODUCTION

Climate can be thought of as a part of our natural environment, hence changes in climate have a direct effect on the environment's ecosystem. Often the ecosystem itself is considered to be in a state of "dynamic equilibrium" with the climate, where the ecosystem is constantly striving to respond to changes in climatic factors such as temperature, precipitation, etc. For example, vegetation and water supply often respond to the "normal" annual cycles of temperature and precipitation in a fairly predictable manner, but abnormalities in those cycles often result in unexpected departures from an equilibrium condition. Knowingly or not, society has developed various socioeconomic activities based on the response of the ecosystem to the climate. A few examples of such activities are the building of dams and reservoirs, irrigation farming, the scheduling of sporting events, the development of retail and wholesale trade strategies, and the many facets of architectural design. Also, when the ecosystem responds to climateinduced stress (a significant climate anomaly), considerable human hardship and even loss of life can ensue. As an example, during lengthy periods of much above average temperatures, both man and his environment usually suffer dire consequences because of elevated levels of heat stress. The use of quantitative historical climate data, whereby each climate anomaly (the departure of the climate from some established normal value) can be put into historical perspective, allows society to develop rational plans and make sound operational decisions which might anticipate and mitigate the effects of these anomalies on human welfare. Such a need for historical temperature data has resulted in the addition of this publication to the National Climatic Data Center's (NCDC) Historical Climatology Series (HCS).

The data summaries in this publication differ significantly, in some respects, from those given in HCS 4-1, State, Regional, and National Monthly and Annual Temperatures Weighted by Area (January 1931-December 1982). The differences are:

- a. The period of record for HCS 4-1 is 1931 through 1982 (52 years), whereas this publication contains data for the 89-year period, 1895-1983.
- b. This publication does not contain individual state data.
- c. This publication contains month-grouped data which includes the usual seasonal monthly groups: Winter (December-February), Spring (March-May), Summer (June-August), and Fall (September-November).
- d. The rank order in this publication is opposite to that given in HCS 4-1; i.e., here the number one rank is the coldest temperature, whereas in HCS 4-1 it is the warmest temperature.
- e. The definitions of the regions, in terms of specific groupings of contiguous states, differ significantly. In HCS 4-1 the regions are the nine census regions as defined and used by the Bureau of the Census; in this publication the nine regions are climatologically-defined groups of adjoining states (Karl and Koscielny, 1982) which were shown to be climatically similar during the period 1895-1981.

USERS OF THESE DATA FOR THE YEARS PRIOR TO 1931 IN THE MOUNTAINOUS WESTERN REGIONS SHOULD BE AWARE THAT THE SPATIAL DISTRIBUTION OF STATIONS WITHIN THOSE REGIONS HAS NOT BEEN HOMOGENEOUS. AS A RESULT, THE DATA DURING THE EARLY PORTION OF RECORD SHOULD BE VIEWED WITH CAUTION. SECTION 2(b) DESCRIBES THIS PROBLEM IN MORE DETAIL.

2. DATA DESCRIPTIONS

The regional and national average temperatures given in this publication are based on divisional and statewide data which are described below.

a. State Climatic Divisional Data

The NCDC maintains and routinely publishes monthly averages of temperature for state climatic divisions in the publication, Climatological Data (U.S. Department of Agriculture, 1931-40; U.S. Department of Commerce, 1940-84). A climatic division represents a region within a state that is, as nearly as possible, climatically homogeneous. Obviously, within a division having complex terrain rather extreme temperature variations can routinely occur, but usually the standardized departures from normal are spatially consistent within a division. Since 1931, each monthly average temperature within a division has been calculated by giving equal weight to each station reporting temperature within a division. The number of stations within a division varies over time as stations open and close. By using many stations within a division to calculate averages, this potential source of bias is minimized. Nonetheless, for those divisions with complex terrain and few continuously operating stations, caution should be exercised, especially by those interested in small differences for applications or for climatic change. In 1984, approximately 5,000 stations were used to calculate the divisional averages in the contiguous United States.

b. Statewide Data

Monthly averages of temperature have been calculated across all 48 contiguous states for periods dating back to the nineteenth century. 1931, statewide averages have been calculated by areally weighing the divisional temperature averages; prior to 1931, statewide averages were estimated from data compiled by the U.S. Department of Agriculture (USDA, 1951). USDA (1951) published state averages of temperature from the late 1800s through 1948. Those averages were obtained by equally weighting all available reporting stations within a state. The average monthly temperature data, as published by the USDA (1951), were compared with the state averages from the divisional data during the overlap period (1931-1948). The USDA's (1951) published values were then adjusted to more closely resemble the state averages obtained from areally-weighted divisional data. For each month, the average difference in temperature between the two overlapping periods were used to adjust the pre-1931 temperature data. After the adjustment, the correlation between the two data sets for each state and month was excellent (> 0.90, Diaz and Quayle, 1978).

In New England the USDA (1951) had combined the states of Maine, New Hampshire, and Vermont into Northern New England; and Connecticut, Massachusetts, and Rhode Island into Southern New England. For that reason it was necessary to use the divisional averages of temperature as they appeared in the Climatological Data (U.S. Department of Agriculture, 1895-1930). These divisional averages were then areally weighted to obtain state averages. In California the earliest published (USDA, 1951) data began in January 1897. For the years 1895 and 1896, monthly estimates of statewide averages of temperature were obtained by constructing isopleth analyses of the monthly station data.

In spite of the excellent correlation between the statewide average data derived from the state climate divisions and the USDA's published data during the overlap period, there were still some unrealistically large serially correlated departures from normal during the early portion of the period of record in some of the mountainous western states (Arizona, in particular). This is attributed to the fact that during the early period of record some of the western states had relatively few stations in unsettled areas of the For example, in January 1900 only 10% of the stations in Arizona were located north of the 35th parallel (approximately the northern half of the state), and well over half of the stations were located in the southeast quarter of the state (U.S. Department of Commerce, 1958). As new stations were added in areas which previously had relatively few stations and, thus, had little weight in the state average (prior to 1931), an apparent change in climate was introduced into the time series. In order to correct this problem, the pre-1931 temperature data sets were adjusted a second time for the 11 western states from Montana to New Mexico and west to the Pacific Ocean. Monthly adjustments were applied to each state based on the seasonal departure from average of the mean difference of the statewide seasonal average from the ${\tt USDA}$'s published data (${\tt U}_{j}$) and another statewide seasonal average derived from a fixed number of stations (F_{j}) spatially distributed as evenly as possible across each state. The seasonal average difference (D_i) is defined as:

$$D_{j} = \sum_{i=1}^{N} (U_{i,j} - F_{i,j}) \cdot (N)^{-1}$$
 (1)

where j is one of the four seasons (winter is defined as January through March; spring, April through June, etc.) and N is the number of coincident years prior to 1931 in the two data sets. The magnitude and sign of the adjustment is determined for each season of a given year by:

$$A_{j,i} = D_{j} - (U_{j,k} - F_{j,i})$$
 (2)

and the final adjusted monthly (mo) value is given by:

$$U_{\text{mo,i}} = U_{\text{mo,i}} + A_{\text{i,i}}$$
(3)

$$A_{j,i} > 0.25^{\circ}F \tag{4}$$

otherwise no adjustment is applied. The threshold value in (4) was chosen on the basis of subjective estimates of the year-to-year variability of $D_{\dot{j}}$, not associated with any linear trends as depicted in time series plots.

For each state, $U_{mo,i}$ extended further back in time than $F_{mo,i}$. For those years, an average of the first five years of coincident data were used to obtain the term $(U_{j,i}-F_{j,i})$ in (2) and, subsequently, the adjustment $A_{j,i}$ was applied to the remaining data $(U_{mo,i})$ when the relational test (4) was true. Therefore, during those years, the data should be used with caution. The beginning dates of the fixed network for each of the 11 western states is listed below:

Arizona	1904
California	1895
Colorado	1903
Idaho	1909
Montana	1906
Nevada	1913
New Mexico	1900
Oregon	1903
Utah	1914
Washington	none
Wyoming	1905

c. Regional and National Data

The regional and national data in this publication are areally-averaged division/statewide data, which were described in the preceding sections. The regional subdivisions of the conterminous United States are based on climatological analyses which considered the temporal and spatial temperature and precipitation distributions for groups of contiguous states; the composition of the regions and the areal weights, which were used in obtaining the areal average temperatures, are given on page 6. A map, which shows the regional divisions, is on page 7. Karl and Koscielny (1982) give the reasoning and techniques for the regional classification in their analyses of drought data for the long-term period 1895-1981. This classification is better suited for climatological use than is the Bureau of the Census regional grouping of states, which is somewhat deficient in defining climatic sections of the United States. Caution must be used when comparing regional data in this publication with that from other sources because of possible differences in the definition of the regions.

3. DATA PRESENTATIONS

a. Table Listings

There are two types of table listings, monthly and "seasonal" (i.e., month-group). In the seasonal table listings averages of temperature pertain to the months indicated; i.e., Jun-Sep denotes the months of June, July, August, and September. When the season overlaps calendar years, then the season is listed with the earlier year; i.e., Dec-Feb of 1956 denotes December 1956, January 1957, and February 1957.

In each table the rank associated with the reported value is indicated to the right of the '/'. The values are ranked from lowest to highest. At the bottom of each table are summary statistics:

- (1) MAX This row contains the highest reported value within each month or season.
- (2) MIN This row contains the lowest reported value for each month or season.
- (3) AVE This row contains the average value for each month or season.
- (4) STDEV This row contains the standard deviation for each month or season.
- (5) 5TH% This row contains the value associated with the percentile nearest to the fifth percentile for each month or season.
- (6) 95TH% This row contains the value associated with the percentile nearest to the ninety-fifth percentile for each month or season.
- (7) #YRS This row contains the number of years of data within each column.

b. Time Series Plots

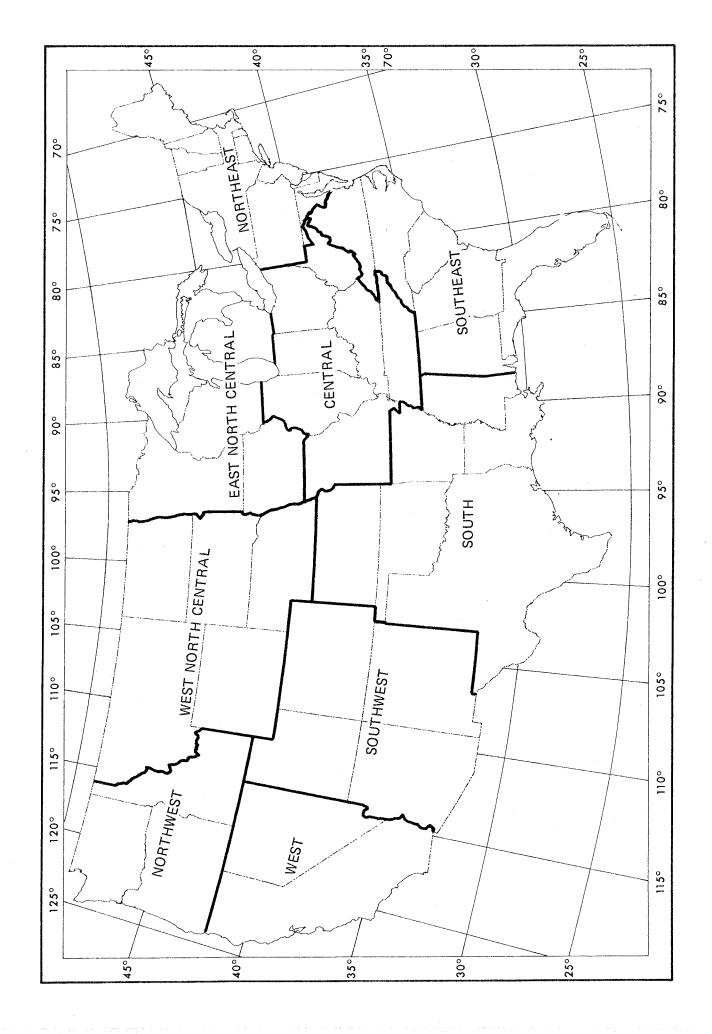
For the period of record specified on the plot, the mean is indicated by a horizontal dashed line. The actual values as reported are indicated by asterisks and are connected by straight lines (the mean temperatures are posted to tenths of a degree Fahrenheit (°F)).

Regions/States Areal Weights

NORTHEAST		WEST NORTH CENTRAL	
Connecticut	.02752	Montana	.31307
Delaware	.01130	Nebraska	.16432
Maine	.18251	North Dakota	.15035
Maryland	.05812	South Dakota	.16393
Massachusetts	.04537	Wyoming	.20833
New Hampshire	.05112		
New Jersey	.04306		
New York	.27242	SOUTH	
Pennsylvania	.24910	Arkansas	.09335
Rhode Island	.00667	Kansas	.14461
Vermont	.05280	Louisiana	.08530
		Mississippi	.08388
		Oklahoma .	.12291
EAST NORTH CENTRAL		Texas	.46995
Iowa	.22098		
Michigan	.22854		
Minnesota	.33003	SOUTHWEST	
Wisconsin	. 22045	Arizona '	.26819
		Colorado	.24544
		New Mexico	.28645
CENTRAL		Utah	.19993
Illinois	.18169		
Indiana	.11691		
Kentucky	.13013	NORTHWEST	
Missouri	. 22449	Idaho	.33593
Ohio	.13279	Oregon	.38990
Tennessee	.13609	Washington	.27416
West Virginia	.07790		
	• •	WEST	
SOUTHEAST		California	.58943
Alabama	.17576	Nevada	.41057
Florida	·19944		
Georgia	.20051		
North Carolina	. 17952		
South Carolina	. 10576		
Virginia	.13900		
_			

Regional Area Weights of the Conterminous United States

NORTHEAST	.06021	SOUTH	.18822
EAST NORTH CENTRAL	.08428	SOUTHWEST	.14053
CENTRAL	.10271	NORTHWEST	.08230
SOUTHEAST	.09715	WEST	.08908
WEST MODTH CENTRAL	15551		



6. REFERENCES

- Diaz, H.F. and R.G. Quayle, 1978: The 1976-77 Winter in the Contiguous United States in Comparison With Past Records. Mon. Wea. Rev., 106, 1393-1421.
- Karl, T.R. and A.J. Koscielny, 1982: Drought in the United States, 1895– 1981. J. Clim., 2, 313-329.
- U.S. Department of Commerce, 1940-1984: Climatological Data (Alabama through Wyoming). National Environmental Satellite, Data, and Information Service, National Climatic Data Center, Asheville, NC 28801.
- U.S. Department of Agriculture, 1951: <u>Fluctuations in Crops and Weather</u>. Statistical Bulletin No. 101. Washington, DC.
- U.S. Department of Agriculture, 1895-1940: Climatological Data (Alabama through Wyoming, less Alaska and Hawaii).
- U.S. Department of Commerce, Weather Bureau, 1958: Decade Census of Weather Stations (Alabama through Wyoming, less Alaska and Hawaii). Superintendent of Documents, U.S. Government Printing Office, Washington, DC.

					ī	EMPERATUR	RE (F) FO	R NATIONAL						
1897 1898 1899 1900 1901 1902 1903	33.5/076 29.9/026 32.4/056 31.6/049 35.6/086 33.6/073 31.6/049 32.6/05	0 36.7/06/ 6 35.1/05/ 6 37.0/07 7 32.1/01/ 3 31.6/01/ 6 33.1/02/ 7 30.1/00/	39.8/015 40.6/028 1 42.8/050 1 39.4/012 42.7/048 5 42.5/048 6 43.3/050 8 44.0/068	53.6/073 52.2/045 52.2/045 52.2/045 52.2/045 52.4/05 52.4/05 51.7/03	1 63.4/085 5 62.1/067 5 60.9/040 5 61 2/049 1 62.9/079 8 62.2/081 4 60.5/081	5 71.2/081 69.2/043 70.3/071 69.6/056 71.3/082 69.3/043 69.0/036	1 74.9/06 3 74.2/04 1 74.3/04 5 74.1/03 2 74.0/03 7 77.0/08 3 72.9/01	7 73.6/067 2 72.3/024 5 73.8/071 9 72.8/040 6 74.0/076 7 74.3/081 0 72.5/027 7 71.8/016	64.2/005 67.4/080 66.6/061 65.8/046 66.3/054 64.3/011 64.0/008	3 53.4/01 56.6/07 53.0/00 55.5/04 56.9/08 56.9/05 3 55.3/04	NOV 5 41.3/016 6 40.5/010 1 42.8/041 9 40.3/009 8 46.5/085 6 43.6/054 4 43.6/054 6 45.7/081 4 42.1/025 1 44.7/072	37.5/081 32.5/023 30.4/008 33.6/034 36.5/073 33.1/024 32.6/024	53.5/07 52.9/03 52.8/03 52.4/01 54.2/08 53.3/05 53.0/04	4 1896 9 1897 4 1898 9 1899 0 1900 7 1901 4 1902 5 1903
1906 1907 1908 1909 1910 1911 1912	34.6/08 32.4/056 34.1/07 34.1/07 31.3/042 34.7/082 26.5/006 32.1/052	35.1/050 37.0/07 34.5/040 36.7/060 2.31.0/010 2.35.3/05 3.32.5/02 2.31.3/01	37.8/005 47.2/086 5.45.5/086 5.42.1/040 51.0/090 3.45.7/081 2.37.3/004 3.40.3/024	5 54.1/074 6 48.8/004 6 54.2/077 7 55.0/014 7 55.0/040 7 52.0/040 7 52.6/053	4 60.6/033 4 56.9/002 7 60.0/017 4 59.2/009 60.3/025 60.3/025 61.7/057 8 61.2/049	68,2/019 66,6/001 67,9/016 69,8/063 69,1/041 67,6/011	73.2/01/ 73.3/01/ 74.1/03/ 74.9/06/ 73.3/01/ 73.3/01/ 73.0/01/ 73.7/02/	4 72.7/034 3 71.6/011 3 71.8/016 3 74.0/076 7 72.0/020 3 71.7/005 3 74.2/080	67.3/078 65.2/031 66.6/061 65.5/041 66.6/061 67.1/007 64.5/014	3 53.9/02 55.2/04 53.2/01; 54.4/02 57.1/07 54.5/02 54.5/02	8 43.9/057 1 42.3/029 1 42.6/037 2 44.3/065 6 47.0/089 6 42.9/042 39.0/001 39.0/001 39.0/001 46.9/088 7 45.1/076	36.6/075 36.5/073 35.2/065 27.4/002 33.6/034 33.8/050 34.5/050 34,9/060	53.0/04 52.8/03 53.4/07 52.8/03 53.7/07 53.3/06 51.5/00	5 1906 0 1907 0 1908 5 1909 6 1910 6 1911 2 1912 2 1913
1916 1917 1918 1919 1920 1921 1922 1923	29.8/025 30.1/026 25.7/006 33.5/070 31.0/041 36.0/086 28.5/018 36.4/088	34.4/04 31.7/016 35.6/059 33.8/039 35.1/050 38.35/1/030 38.37/030 33.37/030 33.37/030	2 43.8/060 40.1/021 5 47.3/087 8 42.6/046 0 41.8/087 1 48.3/082 42.2/042 40.0/018	51.7/034 50.1/011 50.6/014 52.8/058 48.4/003 52.3/047 51.9/039	1 60.5/031 56.3/001 62.1/067 8 61.1/043 7 61.2/028 60.4/028 66.3/072 6 60.6/033	67.2/007 67.9/016 72.1/086 70.2/068 68.2/019 71.2/088 71.1/078 69.0/038	7 75.0/070 7 75.3/073 8 73.4/023 8 75.1/073 1 73.4/023 75.4/078 8 73.7/029 8 74.6/052	73.0/052 772.0/020 73.7/069 373.1/058 71.5/009 372.9/046 373.7/069 272.1/022	64.6/017 65.1/028 63.2/003 66.7/064 66.4/056 67.6/087 66.3/054	53.6/019 51.6/003 57.7/08 54.0/02 55.9/056 56.6/07	3 44.8/074 9 42.0/023 3 45.2/077 3 42.4/032 3 41.1/013 6 41.3/016 1 44.4/067 4 43.6/054 6 44.4/067 7 44.3/065	30.6/010 31.3/015 36.2/071 30.4/008 34.8/058 36.7/077 35.2/065 37.8/086	52.2/00 51.4/00 53.3/06 52.9/03 52.3/01 55.1/06 53.4/06	8 1916 1 1917 5 1918 7 1919 4 1920 8 1921 8 1922 5 1923
1926 1927 1928 1929 1930 1931 1932 1933	31,9/049 33,3/067 33,6/073 28,1/014 25,3/003 34,5/080 33,1/064 35,9/085	39.3/084 39.5/086 36.0/059 428.6/009 43.7/089 33.3/084 38.2/080	41.4/034 44.0/064 344.7/069 45.3/077 42.1/040 40.9/032 038.9/008 043.4/059	51,7/034 53.0/065 49.6/005 52.8/058 55.8/055 52.4/050 52.9/061 51.2/022	62.0/064 60.8/038 62.7/076 60.2/021 60.4/028 61.5/055	69.1/041 68.1/017 66.9/004 68.6/025 69.4/048 71.5/065 72.1/065	74.1/039 73.5/029 74.2/049 74.5/049 75.8/082 74.8/062 75.8/082	73.3/060 70.5/001 72.9/046 73.6/067 73.9/073 72.8/040 273.4/063	65.1/028 66.1/050 64.3/011 64.6/017 66.9/070 69.1/089 65.7/048	56.3/063 57.2/078 56.6/071 55.4/042 53.2/012 57.9/0015 56.6/071	1 42.3/029 3 42.3/029 3 46.1/084 4 43.4/048 7 40.2/008 2 43.0/043 5 45.1/076 6 42.4/032 1 44.2/063 5 46.7/086	33,1/029 30,0/006 34,7/056 35,8/068 32,8/026 36,7/077 31,0/013 38,0/087	53.3/06 53.5/07 53.3/06 52.3/01 53.4/06 54.7/08 53.0/04 54.2/08	3 1926 2 1927 1 1928 1 1929 7 1930 7 1931 2 1932 2 1933
1936 1937 1938 1939 1940 1941 1942 1943	29.0/021 26.5/008 33.7/074 35.4/083 25.4/004 33.8/076 31.4/043 30.9/038	27.3/002 33.2/029 37.4/074 31.4/014 35.2/052 34.9/047 32.1/019	45.0/073 40.4/027 46.5/083 44.0/064 43.0/053 40.7/029 42.8/050 40.0/018	51.5/030 51.4/025 53.0/065 52.8/058 51.5/030 53.4/079 54.2/077	64.4/088 63.0/081 60.8/038 63.6/087 61.8/061 63.3/084 60.1/019 60.8/038	71.4/083 69.7/060 69.6/056 69.7/060 70.4/072 68.7/028 68.8/032 69.7/060	77.5/089 75.3/077 74.5/049 75.5/079 74.8/062 74.7/058 75.0/070	75.4/087 75.6/088 74.6/084 73.4/063 73.0/052 73.0/052 72.7/034 74.4/082	67.3/078 66.7/064 67.6/084 68.3/087 66.3/054 65.5/041 64.7/018 65.3/034	54.8/031 55.2/041 57.7/083 55.9/056 57.4/080 56.5/065 55.9/037	8 41.2/014 41.5/017 42.5/035 8 41.6/019 44.6/071 44.6/071 44.8/074 42.6/037 43.2/044	36.0/070 34.3/044 35.8/068 39.2/089 37.6/085 37.6/085 34.5/050	53.4/069 52.8/033 54.4/083 54.4/084 53.1/049 53.9/077 53.3/067	1936 1937 1938 1939 1940 1941 1942
1946 1947 1948 1949 1950 1951 1952 1953	32.9/061 33.3/067 29.4/023 27.5/012 32.0/051 31.7/046 33.5/070 37.8/090	36.2/061 32.8/023 33.0/025 33.3/031 36.9/068 35.9/058 36.8/067 37.2/072	48.3/089 40.3/024 40.2/022 42.2/042 40.4/027 40.1/021 39.3/011 45.2/076	55.9/086 52.3/047 54.7/080 53.4/070 50.0/009 51.1/021 53.0/065 50.1/011	59.8/014 61.2/049 61.3/052 62.8/078 60.5/031 61.8/061 61.7/057 60.3/025	69.2/043 67.6/011 69.6/056 70.2/068 68.9/034 67.6/011 71.7/087 71.1/078	74.6/052 73.5/025 74.0/036 75.0/070 71.9/002 74.5/049 74.9/067	72.1/022 75.0/086 73.0/052 73.0/052 71.0/002 72.8/040 73.8/071 73.1/058	65.5/041 67.5/082 67.1/074 64.8/020 64.5/014 65.1/028 66.9/070 67.2/076	54.5/029 60.1/088 54.5/029 55.4/047 58.8/087 55.3/025 57.5/081	43.6/054 43.4/048 39.7/004 43.3/045 46.9/088 42.3/029 39.7/004 41.6/019 45.4/079 45.6/080	37.6/085 34.4/045 34.1/040 34.8/058 34.5/050 32.7/025 34.9/060 35.1/062	54.2/081 53.1/052 52.8/036 53.3/059 52.6/025 52.4/015 53.5/075	1946 ! 1947 ! 1948 ! 1949 ! 1950 ! 1951 ! 1952
1956 1957 1958 1959 1960 1961 1962	32.4/056 28.5/018 32.9/061 30.9/038 30.8/035 31.0/041 28.3/016 25.7/006	33,6/035 39,4/085 33,2/029 33,8/039 31,8/017 38,6/082 36,1/060 35,2/052	42,1/040 42,7/048 39,1/009 42,9/051 37,3/004 44,8/071 39,2/010 45,0/073	50.7/018 52.1/041 51.6/031 52.9/061 53.9/073 49.9/007 53.1/068 53.1/068	62.8/078 60.7/035 63.5/086 61.9/063 60.3/025 59.8/014 63.2/083 61.9/063	71,2/081 69,6/056 68,8/032 70,9/075 69,9/064 70,3/071 68,7/028 69,5/050	73.8/031 75.1/073 73.4/021 74.3/045 74.6/052 73.9/034 72.7/008 74.3/045	72.6/032 72.6/032 74.2/080 74.0/076 73.1/058 73.6/067 72.9/046 72.8/040	66.1/050 65.2/031 66.5/058 65.7/043 67.4/080 64.4/012 65.1/028 67.2/076	57.4/080 52.9/008 56.0/058 54.6/030 55.9/056 55.0/037 57.2/078 60.4/089	39.8/005 41.9/021 41.8/020 44.5/070 40.2/008 44.2/063 42.0/023 44.5/070 45.4/079 43.6/054	37.6/085 38.4/088 33.6/034 37.3/080 31.7/016 32.4/021 34.6/054	53.5/073 53.2/055 53.1/050 53.3/060 52.6/022 53.0/043 53.0/042	1956 1957 1958 1959 1960 1961 1962
1967 1968 1969 1970	34.1/079 30.0/027 30.4/031 28.2/015	33.9/041 33.9/041 33.8/039 36.3/062	44.8/071 44.7/069 37.2/002 39.7/013	51.1/021 52.2/045 51.8/037 53.8/072 50.7/018	58.6/004 59.2/009 62.4/074 62.1/067	68.4/022 69.3/047 67.7/013 69.6/056	73.2/014 73.6/026 74.8/062 74.7/058	71.7/014 72.0/020 71.4/007 74.1/077 74.2/080	65.4/036 65.0/024 64.8/020 66.5/058 65.5/041	53.9/021 55.0/037 55.7/050 52.1/004 53.3/015	45.9/083 44.5/070 42.8/041 42.4/032 42.8/041 42.5/035 42.8/041 40.1/0061 43.5/049	33.8/037 33.2/031 31.1/014 34.5/050 34.6/053	52.8/029 52.3/013 52.5/021 52.6/023	1966 1967 1968 1969 1970
1975 1976 1977 1978 1979 1980 1981 1982 1983	33.2/065 30.8/035 23.9/002 26.7/009 22.8/001 31.9/049 33.1/064 26.9/010	33.6/035 40.4/088 36.8/067 28.8/006 28.9/007 33.6/035 37.4/074 33.3/031	39.8/015 43.4/059 44.2/066 42.3/043 43.1/054 40.4/027 43.9/061 43.0/057	47.9/001 53.0/065 55.1/083 52.7/055 51.3/023 52.5/052 56.2/089 49.1/002	61.3/052 60.0/017 62.6/075 60.7/035 60.1/019 61.2/049 60.0/017 61.8/065	68.3/021 68.6/025 71.1/078 69.7/060 68.7/028 69.6/056 70.7/073 67.2/007	74.2/042 73.5/025 75.1/073 74.5/049 73.8/031 76.4/086 74.7/058 73.9/034	72.3/024 71.4/007 72.6/032 72.6/032 71.7/014 73.6/067 72.9/046 72.9/046	63.7/004 65.0/024 66.8/065 66.7/064 66.9/070 67.0/071 65.8/046 64.9/026	55.6/049 51.0/037 55.0/037 55.3/044 56.2/061 53.6/019 53.3/015 54.2/024	43.7/055 39.6/002 44.0/060 42.5/035 41.0/012 43.4/048 45.8/082 42.1/025 44.0/060 99.9/****	35.2/065 31.8/017 34.2/042 30.7/011 36.9/079 36.0/070 34.5/050 36.6/075	52.4/017 52.4/017 53.4/071 51.9/004 51.8/003 53.3/058 54.0/079 52.2/009	1975 1976 1977 1978 1979 1980 1981
MAX	37.8	42.7	51.0	56.2	65.7	72.4	77.5	75.8	69.1	60.4	47.0	39.2	55.4	MAX
MIN	22.8	27.1	36.7	47.9	56.3	66.6	71.8	70.5	62.7	50.4	39.0	26.2	51.4	MIN
AVE	31.3	34.6	42.5	52.3	61.2	69.3	74.3	73.0	65.9	55.3	43.2	34.0	53.1	AVE
STDEV 51H%	3.0 25.4	3.2 28.4	2.8 37.3	1.8 48.8	1.5 58.6	1.3 66.9	1.1 72.4	1.1 71.1	1.3 63.7	1.8	1.9	2.5	.8	STDEV
95TH%	35.9	39.4	47.1	55.8	63.4	71.6	76.4	74.8	67.9	52.1 57.9	39.7 46.5	29.1 37.6	51.9 54.5	5 T H % 9 5 T H %
# YRS	90	90	90	89	89	89	89	89	89	89	89	89	89	/ YRS
	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

YEAR 1895	JAN 34.5/01	FEB 2 40.4/025	MAR 5 46.3/044	APR 53.5/054	MAY 60.5/056	JUN 67.8/054	JUL 71.5/006	AUG 73.0/053	SEP 65.6/035	0CT 57.8/060	NOV 44.2/017	DEC 36.7/018	ANN 3 54.3/01	YEAR 9 1895
1897 1898	37.7/03! 31.5/00	5 39,1/01: 3 43,5/06	7 40.0/001	53 9/058 55.7/075	63.1/081 56.5/011	66.3/029 68.1/059	72.7/023	73.9/068 75.1/086	64.5/022 64.5/022 66.3/046 66.8/057	53.4/009 54.7/017	45.7/035	37 2/02° 35.9/012	1 54.0/01 2 54.1/01	0 1897 2 1898
1900 1901	41.5/079	9 42.8/049 9 41.2/036	3 50.1/082 5 47.6/061	49.3/009 50.5/018	60.8/061 58.9/036	70.1/079 65.4/017	74.5/052	9 69.8/005 3 72.9/052	61.7/002 61.8/003 67.2/062	54.8/020 57.7/059	49.1/075	41.5/069	9 55.5/05' 5 54.8/02'	9 1900 B 1901
1903 1904	39.1/049 36.8/03	9 33.0/00° 2 42.4/04	44.9/028 45.5/037	50.3/015 51.8/038	59.3/044 60.1/052	69.1/071 68.0/056	69.3/001 71.7/010	71.9/029	65.2/030 66.6/053	57.7/059 55.5/028	48.4/067 47.8/058	39.3/043 40.5/056	54.9/03	1903
1906 1907	38.9/04	5 45 0/074 0 47.8/086	45.4/035 44.1/020	52.7/050 54.6/068	57.3/021 57.5/023	64.6/011	77.0/086 72.3/016	73.2/058 70.4/010	65.3/032 65.7/036 63.5/011	57.5/054 58.9/074	44.8/025 47.2/053	40.8/057	7 55.2/05 54.8/02	1 1906 5 1907
1909 1910	42.1/086	5 40.8/03° 5 39.0/016	44.4/022 50.7/085	54.5/067 56.4/082	58.5/031 62.9/078	68.6/065 67.0/039	72.0/012 75.0/063	73.1/056 71.7/024	66.7/055 66.2/043 64.9/025	56.7/041 57.5/054	46.5/043 48.1/064	35.1/007 41.3/064	7 54.9/03 1 55.6/06	1 1909 5 1910
1912	40.0/06 34.6/01	1 43.4/057 4 39.9/022	7 43.5/015 2 44.1/020	48.7/007 50.4/016	58.4/029 59.1/038	67.0/039 63.4/004	71.2/002 71.6/007	70.3/008 73.1/056	62.2/004 63.1/006 66.5/050	52.5/004 57.0/045	46.8/047 46.9/048	38.1/029 37.7/029	53.6/002 553.7/004	2 1912 4 1913
1915	38.3/04	1 42.5/045	49.2/075	54.5/067	56.9/015	67.1/040	73.2/028	75.0/082	64.3/016 64.7/024 65.5/034	58.7/069	46.1/039	39.9/048	3 55.5/060	1915
1917 1918	31.7/009 40.5/069	5 40.9/033 9 41.1/034	3 42.4/004 1 47.7/062	50.8/022 54.0/060	56.3/010 58.4/029	69.3/073 74.4/089	77.6/087 75.9/080	74.1/071 73.6/062	67.7/065 68.9/084	60.5/084 59.9/082	49.8/084 45.8/036	45.7/088 37.3/022	3 55.6/062 2 56.5/083	9 1917 3 1918
1920 1921	41.6/08 38.7/04	1 43.2/053 1 43.5/061	44.5/025 49.8/081	51.7/036 51.6/034	59.6/048 57 1/019	66.4/030 68.9/068	72.6/021 74.6/054	72.9/052 72.1/035	66.4/048 64.7/024 65.1/028 70.2/088	52.6/005 58.9/074	45.2/028 48.6/071	39.0/037 41.8/072	54.5/022 55.9/069	2 1920 3 1921
1923	39.8/058	39.3/019	47.2/058	52.3/043	60.7/060	63,1/003	74.1/044	72.1/035	67.8/066 66.6/053	55.1/024	49.5/081	38.6/035	55.07,038	1923
1926	37.B/037	7 45.1/076	51.4/088	58.2/088	61 4/067	71.1/083	74.8/059	72.6/047	63.5/011 63.4/007 63.5/011	58.5/065	51.3/088	38,3/034	57.0/087	1926
1928 1929	39.9/060) 43.1/051) 38.8/013	50.4/083 46.8/051	52.6/048 50.0/014	64.1/087 61.8/069	67.5/047 67.8/054	73.8/032 74.9/062	72.3/041 75.5/087	67.1/061 65.3/032 64.5/022	56.9/042 59.6/080	46.8/047 48.1/064	37.7/025 46.0/089	5 56.0/074 55.9/072	1928
1931 1932 1933	39.5/052	2 44 1/068 38 1/009	48.8/073 48.0/065	55.7/075 51.5/032	63.8/084 59.0/037	67.5/047 67.6/050	78.5/089 72.7/023	75.1/086 71.9/029	64.3/016 68.6/076 65.8/039	57.4/052 56.3/036	42.4/001	35.7/010 33.6/001	56.1/077 54.3/020	1931 1932
1934	42.5/086 39.1/049	3 46.5/084 9 43.5/061	55.5/090 43.1/014	59.0/089 52.6/048	64.1/087 58.5/031	65.4/017 70.1/079	74.8/059	75.0/082 73.9/068	67.1/061 68.9/084	58.9/074 55.3/026	48.9/072	41.1/059	58.2/089 55.1/043	1934
1937 1938	24.8/001	. 38.4/012 40.9/033	46.3/044	51.1/026	62.3/074 59.3/044	67.6/050 68 1/059	75.7/076 74.0/040	74.6/079	66.4/048 68.5/073 69.0/085	58.8/071 55.7/030	49.0/073 42 8/004	43.1/081	55.0/041 55.2/049	1937
1940	41.4/078	3 43.7/063 3 45.0/074	49.5/077 48.1/066	54.2/064 49.8/013	64.0/085	71.8/086	73.2/028 74.3/049	74.3/075 70.3/008	66.6/053 64.5/022 62.4/005	58.1/063 53.8/011	44.8/025	42.5/079	56.8/086 55.0/042	1940
1943	40.1/062	44.4/070	48.5/070	56.07080	60.9/062	63 6/007	73 9/036	71.3/020	65.8/039 5 69.4/087 5 67.6/064 5	57.4/052	47.5/056	40.2/054	56.1/079	1943
1946	38,3/041	39.9/022	46.5/047	55.6/073	59.8/050	67.3/044	74.2/048	73.7/064	66.8/057 66.3/046	2.3/002	43,4/012	41.8/072	54.9/033	1946
1948 1949	41.6/081	39.0/016 35.2/003	41.6/003	50.7/021	57.6/025 59.7/049	66.3/029 68.5/063	72.6/021	71.3/020 71.2/016	68.7/078 9 66.5/050 9 68.5/073 9	57.1/046 54.8/020	44.5/021 52.3/089	35.1/007 37.9/026	53.7/003 54.1/011	1948
1951 1952	38.9/046	42.4/044	45.8/040	54.2/064	60.3/053	67.3/044 64.1/00B	74.4/051	72.1/035	65.5/034 5 68.6/076 5 68.5/073 6 69.3/086 5	55.8/031 51.8/088	46.0/038	36.7/018	55.2/050 54.8/027	1951 1952
1954	39.8/058	46.6/085	44.2/021	56.7/085	63.5/083	66.0/023	75.6/075	69.7/004	65.8/039 5 67.3/063 5	7.3/049	49.2/078	38.3/034	56.1/076	1954
1956 1957	41.8/084	37.3/006 45.7/078	47.2/058 47.8/063	52.1/041	60.1/052 57.5/023	68.2/060 69.9/077	73.2/028	70.3/008	68.5/073 5 67.1/061 5 68.0/067 6	5.1/024 4 0/013	45.9/037	40.2/054	55.0/039	1956
1959 1960	42 3/087 35.7/018	40.5/026	49.3/076	56.8/087	57.7/026 58.9/036	70.4/080	76.8/085 76.1/083	72.1/035	64.4/018 5 68.6/076 5 63.5/011 5	9.0/076 6.5/039	48.0/062	40.0/049	56.4/082	1959 1960
1962 1963	36.3/024 36.2/022	40.7/030	42.5/007	56.8/087 47.3/004	56.8/013	67.0/039	72.2/015	72.1/035	67.1/061 5 68.7/078 5 64.2/013 6	7.7/059	48.6/071	41.6/070	54.9/036	1962
1965 1966	40.4/068 36.7/031	42.7/047 38.3/010	45.5/037 47.6/061	51.5/032 55.1/070	57.1/019 62.8/076	63.6/007 67.6/050	71.7/010 72.2/015	71.4/021	61.5/001 6 66.7/055 5	0.2/083	48.0/062 48.0/062	36.8/019	54.2/013	1965
1967	39.6/055 37.8/037	43.2/053	46.1/042	43.7/001	59.2/041	64.5/010	75.5/072	76.1/089	68.3/069 5	8.7/069	50.0/085	35.2/008	55.0/040	1967
17/2	35.6/017	43.7/000	52.5/007	52,07040	61.2/066	67.1/0/1	15.4/0/1	12.77049	68.8/080 5 64.3/016 5 65.0/027 5 64.1/012 5	4.97022	43.4/012	34.4/003	54.9/035	1972
1973	35.6/017 37.0/034	42,3/041	43.1/014 48.0/065	51.7/036 51.0/024	62.9/078 60.7/060	69.6/075 70.7/081	74.2/048 73.5/029	72.3/041 72.0/030	65.0/027 5 68.9/084 5	6.4/038 7.6/055	45.3/030 46.6/045	41.2/062 38.2/032	55.0/037 55.4/057	1973 1974
									68.2/068 5 66.0/041 5 65.9/040 5					
1979	41.87084 34.97016 41.77082	40.4/025	47.2/058 45.1/033	50.9/023 52.4/046 53.7/057	61.5/068 57.1/019	68.8/066 68.1/013	74.1/044	72.5/045	64.4/018 6 70.3/089 5	0.9/087 9.4/079	44.1/015 44.6/023	35.3/009 42.3/078	55.4/055 55.6/063	1978
1983	36 37024 41 07075	43.3/056	45,1/033	48 4/006	50.4/055 59.6/049	65.//U2U	71 3/004	73.5/060	68.9/084 5 65.2/030 5 68.8/080 5	5.3/026	43.7/013	39.1/040	57.5/088 54.2/017	1981 1982
MAX	45.0	49.1	55.5	59.0	64.7	74 4	78.5	99.9/***~	99.9/***-9	9.9/***-	99.9/***-	99,9/#**-	-99.9/***	1984
MIN	24.8	33.0	40.0	43.7	53.7	62.4	69.3	76.1 67.5	70.3 61.5	62.0 52.3	52.3 42.4	46.0 33.6	58.2 53.5	MAX
AVE	38.1	42.1	46.4	52.6	59.6	67.5	74.1	72.6	66.2	56.8	46.6	39.5	55.2	AVE
STDEV	3.4	3 2	2.8	2.8	2.6	2 3	1.7	1.7	2.1	2.3	2 , 3	2.9	. 9	STDEV
5TH% 95TH%	31 6 41.9	36.2 46.6	42.4 50.7	47.3 56.7	54.4 64.0	63.4 71.8	71.3	69.7	62.2	52.5	42.8	34.8	53.7	5TH%
# YRS	90	90	90	89	89	89	76.8 89	75 . 1 89	69.0 89	60.6 89	50.D 89	44 . 8 89	56.8 89	95TH% # YRS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN	- יתט

					T	EMPERATUR	RE (F) F0	R NORTHWES	S T				
1895 1897 1898 1899 1900 1901 1902	32 //08 30 1/05 26 2/02 32 4/08 35 4/08 30 2/05 29 1/04 31 4/07	2 36 4/075 3 33 3/046 5 37 5/081 0 29 2/016 8 33 4/050 4 32 7/036 3 36 8/077 1 26 3/005	37,2/032 32,9/003 35,9/016 37,2/032 44,7/089 37,8/040	42.4/007 47.8/072 48.1/075 44.2/026 47.6/069 43.9/036	48.2/001 58.2/088 52.7/040 8.48.8/004 55.4/069 2.55.4/046 8.52.3/036	60.4/059 59.1/043 60.1/056 57.4/014 63.1/083 55.8/003	69.2/08 62.9/00 65.7/03 4 66.3/04 65.5/02 65.2/02 65.2/02 65.2/02	7 65 5/049 2 67 5/079 0 67 9/081 3 59 7/001 5 61 3/002 2 68 2/083 1 64 6/034	3 55.3/016 3 56.2/025 57.7/047 1 59.7/073 2 55.5/018 3 54.2/010 1 56.9/033	48.4/040 48.0/035 46.4/018 45.9/009 47.4/028 52.9/086 50.4/072	31.9/001 38.5/051 35.8/024 43.5/089 38.0/047 41.7/083 37.9/045	DEC 7,083 46 235,7/083 46 31,7/052 47,26,7/083 46,31,8/053 46,33,0/066 47,31,2/048 47,131,2/048 47,131,4/050 46,32,4/061 48,1	7/045 1896 7/052 1897 7/035 1898 7/022 1899 7/084 1900 7/070 1901 7/048 1902
1905 1907 1908 1909 1910 1911 1912	30.6/06 24.6/01 31.1/06 28.1/03 25.4/02 29.2/04 29.0/04 24.8/01	1 34.1/056 1 38.1/084 5 33.4/050 6 35.5/066 1 27.9/010 5 27.9/010 0 34.8/062 3 26.9/006	35.6/012 38.9/056 38.4/046 40.7/070 44.3/088 41.1/074 36.5/023	49 0/083 46.1/048 46.9/057 43.6/020 50.5/086 44.3/041 46.3/052	52.6/039 54.1/063 48.7/003 50.1/012 55.9/077 50.0/010 53.6/055	56.7/005 57.5/015 56.8/006 59.8/052 59.6/048 59.7/050	5 71 0/08 5 66 3/04 6 68 0/07 2 64 1/00 8 67 9/07 0 67 0/05 0 64 2/01	9 66.0/057 3 62.0/005 6 63.7/022 9 64.9/040 1 63.0/014 063.4/018 2 62.0/005	7 58.8/060 5 57.2/039 2 57.5/044 0 58.7/059 4 57.1/037 1 54.4/018 1 57.2/039	50.5/074 53.4/089 46.6/021 49.0/052 50.6/076 46.9/024 44.7/006	37.0/038 39.7/065 40.0/071 39.6/064 39.2/061 35.7/021 39.4/068	29.1/024 47.3 34.5/080 48.6 33.3/072 47.6 29.1/024 46.7 24.7/006 45.6 33.3/072 47.7 29.5/026 45.6 30.2/038 46.8 29.4/025 45.6 23.7/003 47.7	/076 1906 /066 1907 /031 1908 /027 1909 /073 1910 /005 1911 /007 1913
1915 1917 1918 1919 1920 1921 1922 1923	24.5/010 33.8/084 29.9/05 29.9/05 30.3/05 21.2/008 32.3/07	7 33,5/052 0 30,1/019 4 32,9/042 1 31,9/028 1 33,8/056 7 33,5/052 3 27,4/007 9 27,7/008	40.8/071 31.5/001 40.3/066 38.5/048 38.0/041 40.7/070 34.5/005 37.7/040	47.2/064 42.8/011 46.0/047 47.0/060 42.5/009 44.0/007 46.3/052	49.2/005 51.1/025 51.0/024 53.3/049 50.7/022 53.2/048 52.5/038	57.7/018 58.0/021 65.2/089 59.0/040 58.5/033 62.0/078 64.1/087	3 63.7/00: 69.0/08: 8 66.9/04: 0 67.5/06: 8 67.7/06: 8 65.7/03: 67.8/06:	8 64.9/040 5 67.3/077 9 62.9/012 3 66.5/068 6 66.2/062 0 65.9/054 8 66.3/065	57.6/046 59.4/070 61.0/083 57.4/042 57.0/034 53.9/008 59.9/076	46.0/010 50.3/068 50.4/072 42.9/001 46.3/014 51.0/081 50.8/077	33.3/006 42.5/086 37.0/038 35.4/020 37.4/042 39.9/070 35.4/020	31.0/046 48 0 26.1/011 45.0 35.089 47.1 30.1/036 48.1 22.9/001 46.7 22.4/061 46.7 27.9/035 47.5 27.8/018 45.8 30.4/042 47.3 23.7/003 47.3	/002 1916 /049 1917 /079 1918 /010 1919 /033 1920 /063 1921 /008 1922 /059 1923
1927 1928 1929 1930 1931 1932 1933	16.6/003 31.2/068 25.6/023 28.4/037	7 38.8/086 5 34.3/060 8 32.8/041 9 24.0/002 8 37.3/080 8 33.3/048 8 28.4/013 7 23.8/001	43.7/087 38.2/045 41.5/075 39.5/062 40.9/072 39.5/062 38.2/045 37.5/035	52.2/088 44.6/032 44.3/030 43.1/015 50.4/085 47.3/066 46.2/049 44.8/033	54.4/068 50.2/013 57.8/085 53.4/051 51.4/027 56.5/081 52.9/044 48.7/003	64.0/086 61.2/072 59.2/045 59.3/046 58.6/035 61.0/068 61.3/073	69,0/08 67,1/05 68,3/07 67,6/06 67,4/05 68,9/08 64,2/01	5 65 9/054 2 65 3/045 9 64 6/034 5 66 9/072 9 67 6/080 3 66 7/069 2 64 3/030	53.3/002 4 55.5/018 4 58.3/053 4 56.3/027 5 58.3/053 4 57.1/059 4 58.7/059 4	49.8/061 49.2/054 48.8/049 50.1/065 46.2/013 48.4/040 48.4/040	41.6/081 41.0/080 38.1/049 35.8/024 35.2/015 33.6/007 40.9/078	35.4/082 49.1 29.9/035 49.4 25.8/010 46.8 27.7/017 47.6 35.4/082 46.1 26.6/012 46.4 27.4/015 47.6 24.8/008 46.2 37.2/088 46.8 31.9/054 50.8	/088 1926 /040 1927 /067 1928 /012 1929 /023 1930 /065 1931 /013 1932 /013 1933
1936 1937 1938 1939 1940 1941 1942 1943	29.97051 14.57002 31.47071 32.07075 30.97062 31.87074 25.17015	24.9/003 28.6/015 33.2/046 528.3/012 36.0/070 36.5/076 30.3/021	36.9/026 39.5/062 37.7/040 39.7/064 42.6/082 43.1/084 37.1/030 36.3/018	48.4/079 43.3/017 46.9/057 49.0/083 47.7/070 47.5/067 47.2/064 49.1/084	57.1/083 54.3/066 52.8/042 55.3/074 56.9/082 53.9/061 50.5/017	61.8/076 59.8/052 61.6/074 57.3/012 63.8/085 59.0/040 57.0/010	68.1/078 67.9/073 68.0/076 67.4/059 67.2/054 68.7/081	8 66.4/066 63.7/022 63.9/025 67.0/074 67.0/074 64.8/037 8 66.8/071	56.8/031 5 59.5/071 5 62.5/088 4 59.0/061 4 59.8/074 5 53.7/004 4 59.1/063 5	50.6/076 51.2/083 19.6/059 18.7/046 51.0/081 17.6/030 50.0/063	35.3/016 40.7/077 33.8/009 40.3/076 34.1/010 40.2/075 36.8/035	30 3/040 46 4 32 2/059 47 4 34 0/075 46 4 32 2/059 47 8 36 9/087 48 4 33 2/069 49 2 33 0/066 48 3 32 2/059 46 7 30 9/045 46 7 29 1/024 46 6	7060 1936 7024 1937 7027 1938 7083 1939 7086 1940 7081 1941 7030 1942
1945 1947 1948 1949 1950 1951 1952	29.3/04/ 25.5/022 29.9/051 14.0/001 19.6/005 28.1/036 25.2/016	32.07030 36.27073 30.77023 28.37012 31.67027 33.27046 30.07017 35.07065	39.5/062 42.2/080 35.5/011 38.8/054 36.4/021 34.2/004 34.7/007	47.2/064 47.2/064 42.9/012 48.6/080 43.6/020 47.3/066 47.6/069	53,9/061 57,4/084 51,7/028 56,0/078 50,5/017 53,1/046 53,9/067	58.2/028 57.2/011 62.0/078 59.2/045 58.6/035 58.5/033 58.1/023	66.6/047 66.1/037 63.6/007 65.2/022 65.9/031 67.1/052 66.2/041	65.8/052 63.7/022 63.2/015 65.3/045 65.8/052 64.3/030	56 4/029 4 58.5/056 5 56.9/033 4 59.6/072 4 58.7/059 4 60.3/082 5	13.3/002 50.2/067 17.9/034 14.1/003 19.1/053 16.4/018 13.1/087	35.4/020 36.4/031 35.4/020 43.1/088 39.1/058 36.4/031 33.2/005	29 9 9 0 35 47 0 33 4 0 7 3 46 7 3 22 2 0 5 9 47 7 2 4 4 0 0 5 45 3 3 0 2 0 0 3 8 46 0 2 6 7 0 1 4 4 6 2 2 6 7 0 1 4 6 6 3 3 3 1 0 6 7 48 1 2 9 9 0 3 5 4 6 7	1037 1946 1069 1947 1003 1948 1011 1949 1018 1950 1015 1951 1029 1952
1955 1956 1957 1958 1959 1960 1961 1962	26 8/028 30 4/059 19 8/007 31 5/072 32 3/079 25 4/021 32 2/077 25 3/018	28.5/014 25.8/004 32.3/033 39.3/088 32.8/041 31.0/026 38.0/083 32.8/041	32.6/002 36.6/024 38.9/056 37.0/028 38.8/054 38.8/054 39.7/064 39.4/058	40.4/002 47.0/060 45.8/043 44.1/026 46.9/057 46.0/047 44.9/036 48.4/073	49.6/008 55.2/073 55.0/072 58.9/089 49.7/009 50.7/022 52.5/038 50.1/012	59.4/047 57.9/020 60.4/059 62.3/079 60.9/067 60.9/067 64.9/088 59.0/040	63.5/006 67.3/056 64.7/017 68.0/076 67.6/065 69.9/088 68.4/080 64.5/016	65.3/045 63.9/025 63.0/014 68.8/085 63.4/018 62.9/012 69.7/088 63.3/016	57.3/041 4 58.2/050 4 60.2/079 4 57.5/044 5 57.7/021 4 59.4/070 4 54.1/009 4 59.3/067 4	8.6/044 6.4/018 6.6/021 0.4/072 8.6/044 8.8/049 6.4/018 9.0/052	32.7/002 34.9/013 35.2/015 37.5/043 36.6/033 37.4/042 34.5/012 40.1/074	30. 5/043 44.6.3 31. 6/051 46.3 33. 6/051 46.3 33. 6/074 46.3 30. 8/044 47.0 30. 8/044 47.0 29. 6/028 47.9 34. 4/078 46.8 29. 9/035 47.5 39. 6/028 45.5	001 1955 020 1956 021 1957 087 1958 047 1958 039 1960 074 1961 042 1962
1967 1968 1969 1970 1971	34.0/085 29.3/047 25.4/021 31.1/065 31.0/063	36.0/070 37.8/082 30.1/019 37.3/080 33.7/055	37.6/037 42.0/079 36.7/025 38.2/045 35.0/009	40.8/004 43.2/016 45.9/044 40.6/003 44.1/026	52.3/036 52.2/034 56.2/079 52.8/042 58.6/055	60.9/067 59.9/053 61.7/075 62.6/081 57.0/010	65.2/022 68.1/078 67.9/071 65.3/024 67.5/063 66.6/047	69.9/089 62.1/006 64.8/037 66.8/071 69.3/086	62.9/089 4 57.6/046 4 59.1/063 4 53.8/005 4 53.9/008 4	7.7/031 8.6/044 6.7/022 4.5/005 5.4/008	39.9/070 39.1/058 37.7/044 38.7/053 38.3/050 237.0/038	80. 4/042 47 2/ 83. 0/066 47. 8/ 88. 5/019 48. 2/ 88. 8/021 47. 1/ 12. 7/062 46. 8/ 18. 6/020 46. 9/ 17. 6/016 46. 2/ 15. 0/009 46. 4/ 14. 5/080 47. 4/ 12. 0/055 47. 5/	071 1966 080 1967 050 1968 039 1969 044 1970 016 1971
1975 2 1976 3 1977 2 1978 3 1979 1 1980 2 1981 3	28.8/039 31.2/068 25.3/018 32.6/081 18.5/004 26.5/026 34.6/087 27.1/030	30:9/025 32:4/035 36:2/073 35:7/068 32:0/030 35:7/068 34:9/063 30:7/023	36.2/017 34.9/008 37.1/030 43.0/083 40.5/068 38.1/042 41.6/076 38.5/048 41.9/078	40.1/001 44.0/024 49.0/083 45.5/042 45.1/038 48.3/077 46.5/053 42.0/005	51.0/024 53.8/058 49.3/006 50.6/019 54.3/066 52.9/044 52.2/034 51.8/059	57.7/018 56.9/007 63.7/084 60.6/060 60.8/064 57.0/010 58.2/028 61.2/072	68.8/082 66.2/041 65.3/024 66.4/044 67.3/056 66.2/041 64.9/018 64.6/016	62.3/009 62.3/009 68.1/082 64.1/026 65.8/059 68.8/085 66.3/065	59.3/067 4 60.0/077 41 56.3/027 41 56.1/023 49 61.4/086 5 58.3/053 48 59.3/067 48 57.1/037 48	7.4/028 8.1/036 8.3/037 9.5/056 1.0/081 8.8/049 5.2/013	35.8/024 39.8/068 36.3/029 33.2/005 23.2/005 38.8/055 40.1/074 33.8/009	3 3/072 46 0/ 1 2/048 46 7/ 3 2/069 47 3/ 4 8/008 46 8/ 4 4/078 47 1/ 4 3/076 47 3/ 2 8/063 48 3/ 9 7/029 45 8/ 3 8/004 47 3/ 9 9/**** 99 9/	009 1975 036 1976 058 1977 043 1978 051 1979 055 1980 082 1981
MAX	38 0	40.1	46.4	53.2	58.9	65.2	71.0	69.9	62.9	53.4	43.5	38.5 50.	3 MAX
MIN	14 0	23.8	31.5	40.1	48.2	55.4	62.6	59.7	53.3	42.9	31.9	22.9 44.	
AVE	28 4	33.0	38.6	45.8	53.0	59.6	66.5	65.3	57.6	48 6	37.8	30.8 47.	1 AVE
STDEV 5TH%	4.5 18.5	3.7 25.8	2.9 34.2	2.6 40.8	2.5 48.8	2.2 56.1	1.7 63.2	2.0 62.0	2.3	2.2	2.7	3.4 1.	
95 TH%	34 0	38.3	43.4	50.4	57.8	63.8	69.0	68.8	53.7 61.2	44.3 51.7	33.2 42.2	23 8 45. 36.1 49.	
# YRS	90	90	90	89	89	89	89	89	89	89	89	89 8	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	001	NOV	DEC AN	ı

			TEMPE	ERATURE (F) F	R SOUTHWEST	1				
1902 33,47063 31 1903 32,57051 21 1904 30,27030 41	6.6/050 43.5/ 8.0/060 39.9/ 1.6/013 42.6/ 6.6/050 47.1/ 6.5/047 42.1/ 8.6/070 39.8/ 5.7/001 41.3/ 0.5/086 45.6/	066 52 7/075 6 062 49 7/032 5 010 50 7/047 6 020 53 7/081 5 020 53 7/081 5 087 48 0/015 6 043 50 0/035 6 019 53 1/079 6 036 50 0/035 6 077 51 4/059 5	9 9/061 72 1 9/082 67 17 3/018 68 17 5/020 68 11 8/080 71 0 9/071 67 0 1/064 70 17 1/016 65 19 2/049 66	8/089 74 1/06 3/031 71 1/0 6/055 74 0/06 2/049 73 8/05 1/082 74 2/06 7/043 76 3/06 5/076 71 4/00 9/009 73 1/03 6/023 72 0/0	1 72 3/064 271 2/028 24 73 1/079 11 71 4/034 15 71 5/039 19 73 9/086 15 72 1/057 11 72 8/075 5 71 1/027	65.1/053 5 65.8/062 5 64.7/049 5 67.6/086 5 63.0/011 5 64.3/039 5 63.6/024 5 62.8/009 5 64.3/039 5	3.7/040 40 3.2/032 44 2.3/024 45 2.1/021 43 4.6/056 44 5.7/072 45 4.7/059 41 3.6/038 44 2.1/021 42	1,7/032 37.6/ 1,3/072 30.7/ 1,5/019 27.8/ 1,0/058 33.4/ 1,7/079 35.5/ 6,9/086 34.9/ 1,6/044 32.7/ 1,1/069 33.6/ 1,4/054 33.4/	017 51.5/019 079 53.5/080 019 51.6/029 004 51.3/019 044 52.0/038 065 53.5/085 065 53.5/085 040 52.6/062 045 51.0/008	1896 1897 1898 1899 1900 1901 1902 1903
1907 34.9/074 4: 1908 33.9/066 3i 1909 38.0/088 3i 1910 32.5/051 3i 1911 38.3/089 3i 1912 32.9/056 3i 1913 28.1/012 3i	7 8/056 41 2/ 3 3/090 47 1/ 6 0/045 45 2/ 5 7/041 40 8/ 4 1/025 49 9/ 4 1/025 46 8/ 5 9/044 40 5/ 2 8/016 39 5/	034 50.1/036 5 087 51.5/061 5 075 51.6/063 5 029 49.3/023 5 090 53.6/080 6 084 50.9/049 5	7.8/026 66.4.5/002 63.5.6/007 65.6.5/012 69.1.0/072 70.9.2/049 68.7.9/029 66.0.3/067 66	.5/019 71 6/01 9/001 72 1/01 9/009 72 0/01 0/062 73 1/03 1/073 74 4/03 4/053 71 0/00 6/023 70 6/00 4/016 71 5/00	0 69.4/002 7 69.9/007 5 70.3/015 1 71.7/042 2 72.2/061 3 71.3/030 1 70.1/012 7 71.6/041	63.5/020 5 63.7/027 5 63.6/024 5 63.1/012 5 67.0/080 5 66.2/068 5 59.6/001 5 61.3/003 5	2.2/022 40 4.7/059 40 0.0/005 40 4.2/048 43 4.5/053 45 1.3/007 41 1.1/009 44	18/036 38.3/ 8/036 35.3/ 15/027 32.7/ 17/065 25.6/ 13/083 36.3/ 18/012 27.8/ 3/041 28.7/ 17/079 29.1/	083 51.7/024 082 52.6/064 084 51.4/018 001 51.7/027 072 54.2/088 009 50.1/002	1906 1907 1908 1909 1910 1911 1912
1921 35.2/075 38	8.6/070 46.5/ 3.4/020 36.4/6 7.0/052 45.7/ 1.9/014 40.5/ 8.2/063 40.1/6 8.1/061 47.0/6 4.3/028 39.8/6	081 51 1/051 5 001 47 3/009 5 0079 48 8/018 5 026 52 4/069 6 022 45 3/001 5 085 47 6/014 5 019 47 4/011 5	7.7/024 67. 2.3/001 66. 7.5/020 72. 0.6/069 68. 9.1/033 67. 8.5/036 69. 9.5/053 66.	.7/043 72.6/02 .5/019 73.8/05 .1/088 72.2/01 .1/047 73.2/03 .6/023 73.2/03 .4/034 72.4/02 .9/068 73.7/04 .0/011 73.6/04	4 69 8/006 1 70 0/011 8 70 0/011 4 72 6/070 4 69 5/03 70 4/018 8 73 0/078 4 70 0/011	63.2/014 5 64.4/043 5 64.1/035 5 65.3/054 4 63.4/017 5 64.4/017 5 64.4/047 5 66.8/077 4	1.6/015 39 3.3/034 44 5.4/068 38 9.2/002 39 1.2/012 40 6.6/056 39 9.9/004 42	9/080 38.6/ 9/080 38.6/ 2/010 30.2/ 6/022 32.7/ 7/032 32.2/ 4/074 38.2/ 6/022 36.6/ 2/049 32.3/	017 51.6/024 087 50.7/003 018 51.7/029 040 51.1/011 034 51.1/008 082 53.3/076 074 51.9/034 035 51.1/009	1916 1917 1918 1919 1920 1921 1922
1928 34,5/073 35 1929 30,2/030 25 1930 26,3/005 40 1931 31,1/037 38	9.9/080 42.9/(9.8/079 42.2/(5.6/039 45.1/(9.9/006 41.6/(0.5/086 41.0/(8.3/064 41.1/(8.8/060 40.4/(7.8/003 43.7/(054 51.6/063 5 074 49.4/027 6 074 49.4/027 6 031 55.4/086 5 032 51.4/059 5 023 51.3/056 5 065 47.0/008 5	9.1/044 69. 0.3/067 67. 1.2/075 66. 8.9/040 68. 5.8/008 68. 8.5/036 69. 9.0/042 66. 5.4/005 70.	3/065 71.6/01 3/031 73.2/03 9/026 73.3/03 4/053 73.9/05 8/060 72.8/02 9/068 75.3/08 7/025 73.7/04 1/073 75.3/08	0 71.9/051 4 69.6/004 9 70.4/018 3 71.9/051 8 71.5/034 8 72.1/057 1 71.8/046	64,7/049 5 63,7/027 5 64,6/046 5 63,6/024 5 63,8/029 5 64,6/075 5 64,4/043 5 67,9/089 5	5.5/069 43 4.4/052 46 4.4/052 40 4.0/046 37 2.3/024 39 5.7/072 38 2.1/021 43 7.2/087 44	.9/068 31.7/ 1/088 29.4/ 6/030 30.9/ 0/004 36.6/ 3/016 29.0/ 7/011 29.1/ 3/060 26.6/ 2/071 38.6/	028 52.6/064 014 52.8/068 022 52.2/046 074 51.3/014 010 51.4/016 013 52.3/048 0102 51.1/011	1925 1927 1928 1929 1930 1931 1932 1933
1938 34.5/073 37 1939 32.3/048 27 1940 31.3/039 36 1941 33.3/061 39 1942 31.6/041 31	5.6/039 43.9/0 4.0/023 40.6/0 7.5/053 43.0/0 7.1/002 43.4/0 6.6/050 45.3/0 9.1/075 41.9/0 1.3/010 39.3/0 9.6/078 43.0/0	068 52.7/075 6 027 50.2/038 6 056 51.2/054 5 060 52.9/077 6 076 51.5/061 6 042 47.0/008 6 013 51.2/054 5 056 55.7/087 5	1.8/080 71. 1.4/076 67. 8.1/033 68. 1.1/073 68. 2.0/084 70. 0.0/062 65. 7.7/024 67. 9.5/053 67.	3/084 74.5/07 6/041 74.2/06 8/060 72.1/01 5/054 74.3/06 3/075 74.8/07 1/004 71.9/01 6/041 74.3/06 5/036 74.1/06	3 72.7/072 5 74.3/088 7 72.8/075 7 72.3/064 7 72.3/064 3 70.5/020 9 71.5/039 1 73.4/082	63.6/024 53 67.0/080 55 66.1/067 53 65.9/065 53 65.6/058 55 62.3/006 54 64.2/037 54 65.9/065 54	3.1/030 41 5.8/074 43 5.1/064 37 3.0/027 43 5.6/070 39 2.1/021 42 4.0/046 44 4.4/052 42	.2/040 34,5/0 .6/064 36.0/0 .0/004 35.4/0 .6/064 38.5/0 .4/018 36.3/0 .7/055 35.5/0 .6/077 36.9/0 .4/054 33.7/0	057 53.1/074 070 52.2/044 064 52.6/062 085 52.7/066 072 53.4/079 075 52.0/040	1936 1937 1938 1939 1940 1941 1942 1943
1947 30.0/028 38 1948 31.7/042 33 1949 23.5/002 31 1950 32.3/048 39 1951 32.3/048 39 1952 33.1/059 34 1953 38.6/090 35	5.9/044 44.7/0 3.5/068 43.4/0 3.6/021 36.8/0 1.1/009 42.7/0 3.4/076 43.3/0 4.4/076 41.4/0 4.4/030 37.2/0 5.4/035 44.7/0	072 56.2/089 5 060 50.3/041 6 003 53.1/079 6 050 52.5/072 5	7.9/029 70. 1.8/080 66. 0.5/068 68. 9.6/057 67. 7.8/026 68. 9.9/061 66. 0.8/070 70. 5.1/004 70.	2/074 74 2/06 2/015 74 4/07 2/049 73 8/05 5/036 73 5/04 3/051 71 6/01 1/014 75 6/08 0/069 73 3/03 1/073 75 0/07	5 72.5/068 2 71.9/051 1 72.5/068 3 71.4/034 0 70.6/021 4 71.9/051 9 73.6/083 9 71.6/041 1	65.9/065 51 67.6/086 58 67.1/082 54 66.5/074 51 66.3.4/017 59 65.6/058 53 66.5/074 53 66.8/077 54	1.5/014 39 5.6/084 37 4.4/052 37 1.8/016 47 3.9/089 44 3.8/042 39 7.0/086 37 4.7/059 44	.1/015 38.2/0 1/005 32.1/0 8/008 33.8/0 .6/089 32.7/0 .6/077 39.0/0 .6/022 31.9/0 4/006 32.2/0 .2/071 31.1/0	082 53.1/073 081 52.5/057 051 51.9/036 040 51.7/026 088 53.6/083 029 52.1/045 034 52.2/045	1946 1947 1948 1949 1950 1951 1952 1953
1956 37.6/087 31 1957 32.9/056 42 1958 32.6/054 40 1959 34.2/067 35	1.4/011 43.5/0 2.6/088 43.6/0 2.0/081 38 2/0 5.8/042 42.4/0 5.0/008 44.4/0 8.2/063 42.9/0 8.5/068 38.2/0	064 49.0/020 58 009 48.6/016 63 046 52.3/068 59 070 52.5/072 59 054 50.4/042 59 09 54.5/083 59 045 50.6/046 62	2.1/085 71.6 6.3/011 68.3 3.2/088 70.9 9.2/049 71.9 9.2/049 70.9 9.3/050 67.2 2.5/086 67.3	8/087 73 3/03 7/057 74 4/07 7/078 73 5/04 4/085 74 6/07 7/078 74 1/06 9/080 74 1/06 1/028 72 5/02 2/029 75 8/08	70.5/020 6 71.9/051 6 74.0/087 6 72.0/054 6 72.9/077 6 72.3/064 6 72.7/072 6 71.8/046 6	57.8/088 55 64.0/034 53 65.7/060 55 64.0/034 53 67.1/082 53 61.4/004 53 65.8/062 55 67.5/084 58	5.4/068 38 3.1/030 37 5.0/062 42 3.5/036 41 3.3/034 43 3.1/030 39 5.9/076 45 1.8/088 43	.1/009 33.7/0 .7/007 37.0/0 .3/051 38.1/0 .4/042 35.6/0 .3/060 31.6/0 .0/013 31.0/0 .3/083 36.0/0 .9/068 32.2/0	047 52.9/070 76 52.6/060 180 53.5/081 167 53.0/071 127 52.4/054 123 52.1/043 170 52.9/06 170 53.3/077	1956 1957 1958 1959 1960 1961 1962 1963
1965 35.6/079 34 1966 29.0/18 31 1967 32.6/054 37 1968 30.3/031 39 1969 36.6/083 39 1970 32.6/054 40 1971 33.3/061 35 1972 33.1/059 38 1972 37.5/009 38 1973 27.5/009 38	.1/075	69 51.3/056 61 84 49.7/032 57 57 47.6/014 58 05 52.5/072 61 17 46.1/005 66 54 49.7/032 56 89 51.9/066 59	1.9/082 68.3 7.6/021 65.6 3.0/030 69.3 1.6/077 66.0 0.3/067 67.6 5.7/015 68.3	1/064 72.7/02! 0/011 74.7/07! 6/041 74.3/06! 7/057 74.3/06! 8/060 73.7/04!	1 71.8/046 6 71.4/034 6 5 68.5/001 6 74.9/089 6 73.7/084 6 1 71.5/039 6	55.4/056 53 64.5/045 55 63.2/014 54 66.4/071 49 62.6/008 49 62.5/007 51 64.0/034 53	3.2/032 45. 6.4/068 44. 6.9/061 40. 7/003 41. 7/008 40. 7/040 36.	1/081 32.6/0 4/074 28.5/0 6/030 30.8/0 1/039 35.9/0 8/056 34.6/0 8/036 31.1/0 8/001 29.7/0	36 52.4/055 08 52.3/051 21 51.5/021 68 52.7/065 58 52.0/037 25 51.5/022 15 52.4/056	1966 1967 1968 1969 1970 1971
1975 30 8/034 34 1976 31 9/043 40 1977 29 8/026 38 1978 33 4/063 35 1979 25 7/003 33 1980 34 5/073 38 1981 37 2/086 35 1981 37 2/086 35 1982 32 3/048 35 1983 4 3/069 35	3/083 40 9/0 0/060 39 7/0 4/035 45 8/0 7/022 41 6/0 5/068 40 5/0 0/072 42 7/0 5/037 43 6/0 8/056 42 7/0	30 50 3/041 59 17 52 2/067 57 80 51 7/064 58 40 50 5/044 58 26 49 3/023 56 50 55 1/085 59 64 50 2/038 58 50 45 4/002 56	0.6/057 67.6 0.9/029 71.1 0.7/024 69.5 0.1/033 67.4 0.7/015 70.1 0.0/042 71.6 0.3/034 66.7 0.7/015 66.7	5/041 73.3/03° 1/082 74.2/06° 5/066 74.8/07° 4/034 73.9/05° 1/073 75.9/08° 3/087 75.0/07° 7/025 73.4/04° 1/014 73.7/048	70.4/018 6 72.9/077 6 71.0/025 6 70.2/013 6 72.1/057 6 72.2/061 6 73.2/080 6	3 7/027 50 6 5/074 55 6 4/043 56 7 3/083 56 5 7/060 52 6 3/069 51 5 1/053 51	.5/006 40. .9/076 43. .2/079 41. .6/084 36. .8/025 42. .0/027 40. .2/012 40.	8/036 32.9/0 9/068 38.5/0 8/046 28.4/0 9/002 35.1/0 4/054 40.4/0 6/085 37.3/0 4/026 33.0/0 2/049 32.1/0	41 51.8/033 85 53.4/078 06 52.5/058 60 51.4/017 89 53.2/075 77 54.5/087 42 51.9/035 31 52.3/049	1976 1977 1978 1979 1980 1981 1982 1983
MAX 38.6	43.3 49.9	56.2	64.8 72	2.8 76.3	74.9	67.9	59.9 4	7.6 40.4	55.2	MAX
	25.7 36.4			3.9 70.6	68.5			6.8 25.6	50.1	MIN
AVE 31.9 :	36.0 42.3 3.5 2.9	50 . 6 2 . 4		3.2 73.5 1.9 1.3	71.7 1.2	64.8 1.7		1.8 33.4 2.6 3.3	52.3 .9	AVE STDEV
	29.8 37.2			5.1 71.2	69.6			7.0 27.8	50.8	5TH%
95TH% 37.2 4	40.5 47.0			.4 75.8	73 8			5.6 38.5	53.8	95TH%
JAN	90 90 FEB MAR	89 Apr		10N JUL	89 AUG	89 SEP	89 0CT	89 89 NOV DEC	P8 NNA	# YRS

					Ţ	EMPERATUR	RE (F) FOF	R SOUTH						
1896 1897 1898 1899 1900 1901 1902 1903	44 3/059 39 8/019 46 1/079 41 9/038 45 3/079 46 8/079 41 7/034 43 4/048 41 6/031	9 47.7/057 9 48.2/065 8 34.8/9/068 8 34.8/9020 9 43.2/023 9 42.8/020 1 41.8/011 8 42.5/016 49.2/071	7 51.9/025 5 57.0/069 8 55.0/069 2 53.7/043 8 53.8/047 0 53.8/047 5 54.4/051 5 58.8/079	66 9/083 61 1/019 61 1/019 62 0/034 62 4/04 59 9/007 64 8/072 63 0/054	3 75 8/089 3 69 5/025 4 74 1/086 5 70 8/052 7 70 2/038 2 73 8/084 6 6 9/007 6 9 4/023	80.0/076 79.5/066 78.5/036 77.6/034 79.0/060 80.2/080 79.6/070 72.5/001	82.1/053 83.1/075 80.5/02 80.5/02 80.2/016 84.2/086 80.7/024 80.4/015 79.3/006	AUG 80 6/033 8 82 8/072 5 80 3/028 1 80 4/029 8 84 0/085 6 81 4/049 6 82 6/068 4 83 6/082 8 80 3/028 7 7 2/013	73.6/022 75.6/059 75.4/059 73.8/025 77.9/082 74.5/040 72.2/008 72.6/010 76.1/067	62.3/018 67.6/08 62.3/07 67.6/08 66.3/06 64.7/04 62.8/02 65.3/05	3 53 1/049 53 6/054 8 49 3/009 7 55 6/075 54 3/063 7 53 97056 8 57 6/085 8 51 9/033 5 53 5/053	47.3/071 42.0/015 39.8/004 43.8/034 46.0/061 42.6/022 43.5/031 44.3/039 44.4/042	64.07076 62.47026 62.47026 63.57070 63.17056 63.37064 61.37008	1896 1897 1898 1899 1900 5 1901 4 1902 1903 1904
1906 1907 1908 1909 1910 1911 1912	44.7/064 49.9/088 45.2/067 46.3/077 45.0/065 49.8/088 37.1/008	44.8/034 44.5/066 46.5/047 49.1/069 542.6/016 55.1.0/019 542.3/019 642.1/019	48.3/007 63.4/090 60.2/085 54.7/053 61.8/085 58.7/006	64.2/065 58.5/002 64.4/066 62.4/046 62.9/053 62.9/053	70.7/049 65.6/001 70.8/052 69.5/025 68.7/013 71.7/064 72.1/078	78 0/039 77 1/021 78 1/041 78 4/053 77 5/031 82 5/082 75 0/002	78,3/00 81,1/034 79,3/006 82,9/072 82,3/057 80,6/063	8 81.7/056 1 79.1/011 1 82.3/064 2 80.0/023 2 82.9/073 3 82.0/059 2 81.1/039 3 81.2/043 3 83.4/076 5 79.9/020	75.8/061 76.0/066 73.9/028 75.2/046 77.7/080 80.1/080 75.2/046 72.1/007	59.9/003 63.9/035 61.5/011 64.6/044 65.1/052 64.3/058 61.1/018	52.1/039 50.3/013 54.3/063 59.5/089 59.6/067 649.0/005 52.2/041	49.4/087 46.9/069 47.7/074 37.8/004 44.7/047 43.2/028 43.3/029 44.2/037	63.6/073 63.5/070 63.5/072 63.7/074 64.6/084 61.4/007 62.5/032	1906 3 1907 0 1908 2 1909 1 1910 1 1911 7 1912 2 1913
1916 1917 1918 1919 1920 1921 1922	45.1/066 45.6/071 34.3/005 41.6/031 42.2/039 49.3/085 41.6/031 51.4/090	46.8/050 46.8/050 49.2/071 45.4/039 47.9/058 50.0/072 44.6/030	0 58.3/073 0 55.2/057 59.5/083 0 54.2/049 0 53.8/047 0 61.1/088 0 53.8/047	60.4/009 61.7/030 60.7/012 62.2/038 60.9/016 61.5/067 64.5/067	71.9/067 65.7/002 72.7/078 68.2/010 71.6/062 71.2/058 72.0/069	78.0/039 78.3/049 81.7/084 75.7/004 76.5/015 78.2/044 78.5/055 78.4/053	82,47061 82,77066 82,27056 80,87026 81,07031 81,87036	77.3/001 81.6/052 880.3/028 83.5/076 77.9/003 182.7/069 82.5/066 83.6/082	74.0/030 74.0/030 70.4/002 75.2/046 76.4/071 79.4/087 76.8/074 75.3/049	64.6/044 59.9/003 66.6/071 66.9/075 65.4/057 65.2/050 61.1/010	52.7/047 53.9/056 51.1/024 52.7/047 49.8/010 57.0/083 55.1/039	44,4/042 39.8/006 46.7/064 42.7/023 45.3/054 49.4/088 49.7/088 48.3/078	63.3/065 62.0/015 63.2/058 62.2/052 62.4/027 65.6/089 64.2/078 63.3/062	5 1916 5 1917 1 1918 2 1919 1 1920 1 1921 1 1922
1926 1927 1928 1929 1930 1931 1932 1933	41.7/034 45.9/074 44.7/064 42.8/043 34.7/006 44.7/064 45.3/070 49.9/088	51.4/082 52.6/085 47.2/055 39.1/005 50.1/070 50.1/070 53.9/089	50.9/017 54.7/053 56.5/067 57.2/070 51.7/023 49.1/010 49.6/013	58.9/004 66.3/078 59.4/006 66.1/077 66.8/082 59.4/006 64.6/069 62.3/053	70.4/042 74.0/085 70.7/049 69.3/020 70.1/035 66.8/0043 72.9/081	77.8/037 77.4/029 76.4/012 78.2/044 77.5/031 79.5/066 79.0/060 79.9/074	80.3/017 80.9/029 81.5/040 81.2/037 83.5/082 82.0/051 83.2/077 82.9/072	81.1/039 81.5/051 79.7/019 81.7/056 82.3/064 82.6/068 79.0/009 81.8/057 80.6/033 84.7/088	77.0/077 75.9/063 73.1/018 74.5/040 76.8/074 80.0/088 73.4/021 79.3/086	67.4/077 66.9/075 67.6/081 64.7/049 62.6/021 69.2/081 62.2/016 66.4/069	50,4/014 59,1/088 52,0/036 47,0/002 52,8/048 57,5/084 49,3/009 55,6/075	45.6/058 41.5/012 45.2/050 45.6/058 42.5/019 48.2/077 41.0/008 51.8/089	62.8/039 64.6/083 63.0/048 62.3/025 63.0/045 63.8/075 62.8/040 65.2/088	1926 1927 1928 1929 1930 1931 1932
1937 1938 1939 1940 1941 1942 1943	41.7/034 45.8/073 47.5/081 31.8/001 45.8/073 41.2/025 43.7/055	46.3/044 51.4/082 44.7/033 45.4/039 44.7/033 44.4/028 50.5/079	50.1/014 61.0/087 56.9/068 55.4/058 49.4/011 53.6/042 50.8/016	63.1/055 62.1/037 62.6/047 62.1/037 63.4/058 63.8/063 65.9/076	72.5/075 70.9/053 72.5/075 69.6/028 71.8/066 69.9/031 71.0/055	79.4/064 78.3/049 79.6/070 76.4/012 76.4/012 78.3/049 79.8/072	82.6/064 82.0/051 83.3/078 81.2/037 81.0/031 81.1/034 82.8/069	82.8/072 84.3/087 83.9/084 83.0/074 81.0/074 81.3/046 80.0/038 84.9/089 81.7/056	75.6/059 75.8/061 78.7/084 73.8/025 76.0/066 72.1/007 73.1/018	64.1/037 68.2/084 66.9/075 66.9/075 68.1/083 64.2/039 62.5/020	50.5/017 51.7/032 51.1/024 51.0/021 52.5/044 56.3/079 51.3/027	44.1/036 46.0/061 48.5/080 47.9/076 47.4/073 46.0/061 42.6/022	62.8/041 64.7/085 64.4/082 61,7/014 63.1/056 62.6/033 63.2/060	1937 1938 1939 1940 1941 1942
1946 1947 1948 1949 1950 1951 1952	43.2/047 42.9/045 37.6/010 39.6/017 48.7/084 43.6/052 50.2/089 48.4/082	49.7/073 41.3/009 44.3/027 47.1/051 50.5/079 47.2/055 50.5/079 48.0/060	58.7/078 48.9/009 51.4/020 53.6/042 52.7/033 53.6/042 52.0/027 58.9/080	66.8/082 62.3/042 67.6/087 60.7/012 61.4/024 60.8/014 60.4/009 61.2/020	69.0/016 69.4/023 71.7/064 72.3/072 71.6/062 70.7/049 70.3/041 71.2/058	77.6/034 78.4/053 79.6/070 78.6/056 78.1/041 77.6/034 82.1/086 84.1/089	82.4/061 80.8/026 81.9/047 81.8/044 78.5/002 82.5/063 82.2/056 81.9/047	80 8/035 81 2/043 83 1/075 81 1/039 79 1/011 78 2/006 83 6/082 83 9/084 80 6/033 84 2/086	74.1/032 77.2/078 74.4/035 72.8/014 73.0/016 74.7/043 74.5/040 75.6/059	65.9/062 70.6/089 63.2/025 64.7/049 68.4/085 65.8/059 60.5/006 65.9/062	54.0/057 49.9/011 52.1/039 55.5/072 51.5/030 49.1/006 51.3/027 52.2/041	49.2/084 45.5/055 47.9/076 46.8/066 44.0/035 46.8/066 43.7/032 43.0/026	64.3/081 62.5/031 62.7/038 62.7/037 63.0/052 63.0/046 63.5/068 64.2/080	1946 1947 1948 1949 1950 1951 1952 1953
1956 1957 1958 1959 1960 1961 1962	42.6/042 42.9/045 41.9/038 40.4/020 41.8/035 39.7/018 38.1/013 36.1/007	47.2/055 52.8/086 41.6/010 46.0/042 40.6/008 48.1/062 52.1/084 44.7/033	54.8/054 52.7/033 47.0/005 53.1/038 46.3/002 56.0/062 50.8/016 57.6/071	61.7/030 61.5/027 61.1/019 61.3/022 64.8/072 60.8/014 62.0/034 67.3/084	74.4/087 69.8/029 71.4/059 72.8/079 69.3/020 70.1/035 75.0/088 72.7/078	80.1/078 77.4/029 79.2/063 78.3/049 79.0/060 76.0/007 77.1/021 79.6/070	83.0/073 83.4/079 81.5/040 79.5/010 80.9/029 79.4/009 82.0/051 82.8/069	81.2/043 82.8/072 81.7/056 81.3/046 81.4/049 80.6/033 78.6/008 82.5/066 82.3/064 81.5/051	76.3/068 72.5/009 75.4/053 75.5/056 75.4/053 73.3/019 74.5/040 75.9/063	68.0/082 61.1/010 63.4/029 63.3/028 66.3/067 64.1/037 67.5/078 69.9/088	51.2/025 50.7/020 54.4/064 48.1/004 54.2/058 50.5/017 52.7/047 54.9/068	48.8/083 48.8/083 42.5/019 47.1/070 41.4/011 43.5/031 44.7/047 37.5/002	64.2/079 62.9/043 61.7/012 62.2/021 61.7/010 63.2/061 63.4/066	1956 1957 1958 1959 1960 1961 1962 1963
1966 3 1967 4 1968 4 1969 4 1970 3 1971 4 1972 4	37.8/011 44.1/057 41.6/031 44.3/059 38.3/014 44.0/056 43.7/055 39.2/016	42.7/019 44.9/035 42.0/012 46.1/043 46.5/047 45.4/039 47.2/055 44.2/025	54.9/055 59.3/081 52.7/033 46.5/003 49.6/013 52.9/034 57.8/072 56.5/067	62.3/042 67.9/088 62.3/042 63.7/062 63.5/061 62.4/046 65.4/075 58.7/003	70.0/033 69.1/017 69.0/016 70.2/038 70.8/052 69.3/020 69.6/028 68.8/014	77.2/025 78.3/049 77.8/037 77.3/026 77.0/018 79.7/071 78.2/044 77.1/021	83.9/083 79.4/009 79.6/012 84.1/085 81.2/037 80.9/029 79.4/009 80.7/024	80.0/023 78.2/006 78.0/004 80.2/025 81.2/043 82.0/059 77.5/002 79.5/016 79.5/016	72.7/012 70.9/004 71.9/005 74.4/035 75.3/049 74.1/032 76.4/071 73.9/028	61.9/013 63.3/028 65.1/052 62.5/020 61.0/007 66.3/067 63.7/033 66.6/071	56.1/077 52.4/043 50.6/019 51.7/032 58.3/013 53.3/051 47.1/003 57.0/083	43.1/027 44.3/039 42.6/022 45.3/054 49.4/087 48.7/009 44.4/042	61.7/013 62.7/035 61.3/004 62.3/023 62.1/018 62.9/040 62.4/030 62.2/020	1966 1967 1968 1969 1970 1971 1972
1976 4 1977 3 1978 3 1979 3 1980 4 1981 4 1982 4	41.9/038 34.0/004 33.7/003 32.4/002 43.5/050 12.4/040 11.1/024	53 6/087 47 5/056 35 9/003 40 5/007 43 1/021 46 8/050 42 6/018 45 6/040	56.1/064 55.5/060 51.8/024 54.4/051 51.5/021 53.6/024 56.1/064 52.0/027	63.4/058 63.5/061 65.1/073 62.3/042 60.5/010 67.4/085 60.9/016 57.5/001	66.3/003 72.6/076 71.0/055 68.3/011 70.3/041 68.4/012 70.6/045 68.2/010	76.3/009 80.0/076 78.9/057 76.5/015 81.2/083 79.2/063 76.0/007 75.3/003	78.9/004 82.8/069 84.1/085 81.1/034 86.2/089 82.4/061 81.8/044 82.0/051	80.2/025 79.6/018 81.4/049 80.8/035 79.2/013 83.5/079 79.6/018 82.1/060 83.5/079 99.9/***	72.9/015 77.9/082 76.0/066 73.4/021 77.4/079 73.7/023 74.7/043 75.3/049	57.2/001 64.6/044 63.7/033 66.4/069 62.1/015 63.6/031 63.6/031 65.2/054	45.9/001 54.3/063 54.6/067 49.2/007 51.1/024 55.0/064 52.4/043 54.3/063	42.2/017 45.3/054 43.0/026 45.3/054 46.1/062 44.5/043 46.4/063 33.8/001	61.2/003 63.3/063 61.5/008 60.7/001 63.0/050 63.0/050 63.0/052 62.4/026	1976 1977 1978 1979 1980 1981 1982
MAX	51.4	54.2	63 4	68.1	75.8	84.1	86.2	84.9	80.1	70.6	59 5	51.8	65.6	MAX
MIN	31.8	34.4	44.6	57.5	65.6	72.5	78.3	77.3	68.2	57.2	45.9	33.8	60.7	MIN
AVE	42.7	46.1	54.1	62.9	70.6	78.4	81.7	81.3	75 0	64.6	52.9	44.7	62.9	AVE
STDEV 5TH%	4.1 34.0	4.2 36.0	3.9 46.6	2.3 58.9	2 0 66.7	1.8 75.7	1.6 78.9	1 8 78.0	2.2 70.9	2.5 60.0	2.8 48.1	3,1 37,8	1.0	STDEV 5TH%
95TH%	49.3	52.6	60.2	67.4	74 0	81.8	84.1	84.0	78 8	68.4	57.6	49.4	64.7	95TH%
# YRS	90	90	90	89	89	89	89	89	89	89	89	89	89	# YRS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

		TEMPERATU	RE (F) FOR WEST N.	CENTRAL		
YEAR 1895 12 9/002 16.6/019 1896 20.6/061 27.4/079 1897 16.3/039 20.1/036 1898 20.8/062 26.3/07 1899 18.5/049 8.8/002 1900 25.5/084 16.6/019 1901 25.5/084 16.6/019 1901 27.9/025 1902 19.9/057 22.5/044 1903 21.9/066 14.0/002 1904 18.0/046 16.6/019	5 25 5/014 43 3/04 6 23 2/005 44 2/05 1 26 9/025 44 8/06 2 20 7/003 42 2/03 9 32 1/056 48 0/07 6 31 8/052 44 5/05 8 32 0/054 42 7/03 7 28 9/031 43 4/04	5 54 8/060 65 3/07 3 58 5/083 63 1/05 0 52 6/032 63 5/06 1 51 5/021 62 0/03 9 58 7/084 67 7/08 8 58 8/085 60 8/02 9 56 4/074 60 1/01	4 69 9/046 67 5/04 6 6 5 5/04 6 6 5 5/04 6 6 7 5/04 6 6 7 5/04 6 7 5/04 6 6 7 5/04 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	54,9/010 45,1/024 63,6/089 47,8/053 58,0/046 41,7/006 8,58,9/058 44,5/021 1,57,1/034 49,2/072 0,54,9/010 49,8/077 2,55,3/012 47,8/053 8,54,2/008 48,7/063	19.4/001 29.5/08 128.6/014 19.6/025 128.1/010 19.0/024 39.0/086 21.1/031 129.3/018 27.5/084 135.3/072 21.8/034 132.7/055 18.3/024 130.6/034 23.2/056	7 43.6/041 1896 8 43.5/039 1897 1 43.4/034 1898 1 41.9/006 1899 1 45.8/083 1900 1 44.9/070 1901 1 43.4/035 1902 42.7/016 1903
1906 22.9/076 23.8/059 1907 9.3/009 24.1/063 1908 23.8/078 23.2/054 1909 15.8/036 21.8/049	9 23 3/006 47 2/07 4 30 8/044 46 2/07 5 30 7/043 37 6/00 9 37 1/084 42 4/03 3 20 3/002 44 4/03 3 20 3/002 44 4/05 0 24 9/013 46 0/06	3 52 9/037 60 2/01 4 47 9/001 60 0/01 1 51 4/020 59 7/00 3 50 8/015 62 9/05 7 52 5/031 64 7/06 3 54 5/053 66 8/08 7 53 4/042 62 2/03 8 52 7/033 64 6/06	9 66.5/006 64.5/006 8 67.0/014 69.4/070	5 60.2/071 46.6/039 0 55.7/015 48.4/059 0 60.8/076 44.1/019 6 59.1/061 46.2/034 5 57.5/037 50.3/082 5 57.5/037 43.2/012 0 51.6/002 45.0/03 0 57.9/043 42.1/007	340,4/029,23,8/055 340,0/065,25,3/074 343,068,24,3/063 342,066,11,9/055 22,7/055,23,2/056 24,9/004,20,3/036 36,4/076,25,1/036 37,2/079,23,9/066	9 43.8/046 1906 42.4/011 1907 8 44.3/063 1908 9 42.4/014 1909 9 45.3/077 1910 9 42.7/017 1911 11.9/007 1912 9 43.0/024 1913
1916 4.0/003 19.9/038 1917 14.3/025 15.3/01 1918 12.4/020 20.5/04(1919 26.2/087 18.7/03(1920 19.3/054 23.0/058 1921 24.6/081 28.4/08(5 33 3/065 42 9/04 3 24.6/011 39 1/00 0 38 3/088 40.4/01 0 29.2/034 44.2/05 1 29.2/034 45.6/00 0 34 7/076 42.7/03 4 30.4/041 42 1/02 6 27.3/027 41.7/02	2 50 5/010 58 6/00 7 49 7/003 59 8/01 7 53 2/038 66 7/08 3 54 6/055 66 2/07 1 52 5/031 61 2/02 9 53 8/049 66 8/08 8 53 8/049 65 4/07 4 53 3/040 63 0/05	0 67.7/020 66 8/032 8 72.3/078 68 7/056 8 69.3/040 66.9/034 3 70.6/055 68.1/047 6 67.3/016 70.2/076 2 71.4/067 65.3/011	56.4/025 42.7/010 58.4/051 41.0/004 55.5/014 49.4/074 60.1/068 37.5/002 58.5/053 47.9/055 56.8/030 49.9/080 61.8/082 48.6/080 59.1/061 43.4/015	30.4/029 12.5/005 39.5/088 17.3/015 31.6/044 25.2/073 24.5/003 15.5/014 30.1/023 22.6/044 30.1/023 22.6/044 32.0/045 17.4/017 37.2/079 24.8/068	6 40 8/001 1916 6 41 3/003 1917 8 44 0/054 1918 43 1/029 1919 43 0/025 1920 1 45 8/082 1921 42 9/020 1922 8 43 8/048 1923
1925 18.2/048 27.9/078 1926 22.1/070 30.2/081 1927 18.9/051 23.9/066 1928 22.1/070 24.4/064 1929 7.7/007 11.7/008 1930 4.9/004 31.9/08 1931 26.8/089 31.7/088 1932 15.3/034 22.9/056 1933 22.9/076 15.8/014	7 32 5/061 45 1/06 0 32.7/063 42 3/03. 4 34 9/078 39.9/01 3 34 0/071 42 2/03 9 31 1/048 49 6/08 8 30.9/047 45 0/06. 0 24 4/007 45 8/06 4 33 7/069 41 8/02	3 57 0/078 62 4/04 2 50 1/005 61 6/03 3 58 1/081 58 0/00 1 51 2/019 61 5/02 6 52 2/025 62 6/04 2 53 6/047 68 5/08 6 55 8/070 64 3/08 5 52 3/027 70 0/08	1 70 6/055 67.4/035 0 67.5/018 64.1/002 4 68.5/025 66.2/022 9 71.2/065 70.9/081 4 72.6/079 70.1/075 8 71.9/072 68.7/056 3 70.6/055 68.7/056 9 72.9/084 67.3/037	53.4/004 47.4/045 57.7/1040 49.1/070 56.8/030 46.0/032 54.0/006 47.6/050 58.4/051 43.4/015 62.0/084 48.7/063 57.8/041 42.5/006	30.4/029 10.1/002 30.4/029 10.1/002 33.6/061 23.7/057 28.3/011 22.8/069 31.3/038 24.1/062 31.3/038 24.1/062 33.4/060 16.2/013 36.0/075 23.8/059	8 44.8/068 1926 42.4/012 1927 44.3/063 1928 41.9/008 1929 44.5/064 1930 46.9/088 1931 43.1/029 1932 45.4/078 1933
1937 1.4/001 17.2/022 1938 21.5/065 19.5/033 1939 25.4/083 12.6/005 1940 10.9/014 22.7/049 1941 21.3/064 23.7/057 1942 20.5/059 19.2/031	1 31 6/050 41 3/02; 2 29 9/037 42 8/04 3 35 3/079 44 7/05' 5 32 5/061 45 4/06' 7 31 6/050 44 9/06 7 32 2/058 47 5/06' 1 24 6/011 48 7/08;	2 60.2/088 67.1/08 156.9/076 62.7/04 9 52.4/029 64.5/06 5 59.2/086 60.9/02 8 56.0/071 65.1/07 1 58.1/081 63.2/05 7 50.8/015 60.2/05 2 50.8/015 60.2/01	4 78.0/089 71.2/083 8 72.1/075 72.0/088 4 70.1/049 69.8/073 2 72.8/082 68.3/049 3 72.7/081 68.9/061 6 70.9/061 69.0/064 5 69.4/042 67.9/064 0 70.7/058 69.7/071	60.2/071 46.2/034 60.8/076 47.9/055 63.0/087 51.5/085 61.0/079 46.6/039 63.5/088 51.9/087 56.0/019 45.7/031 56.4/025 47.8/057 58.0/046 49.1/070	32.2/047 22.9/047 31.4/040 21.5/033 28.9/015 25.1/072 37.7/083 31.2/089 26.8/07 26.4/080 35.2/071 26.5/081 37.7/055 22.6/044 33.8/063 25.8/077	43.9/050 1936 43.0/026 1937 45.5/081 1938 46.1/085 1939 45.0/073 1940 45.5/080 1941 43.9/051 1942 44.2/060 1943
1951 15.3/034 23.4/055 1952 15.0/030 24.0/062 1953 26.2/087 25.5/069	3 39,3/089 50,2/081 3 28,5/030 42,6/031 7 26,0/016 45,9/06 3 29,6/035 48,2/086 3 26,5/020 38,9/006 5 22,3/004 40,5/016 2 24,5/009 47,3/07 3 33,9/070 38,7/005	3 50 8/015 63 1/055 52 9/037 59 2/00 7 55 3/067 62 8/056 5 50 1/005 61 7/03 8 55 0/063 57 2/00 5 51 0/017 63 8/06	5 71.0/064 66.7/031 7 70.7/058 71.0/082 0 68.9/032 68.9/061 8 70.2/051 70.3/077 3 65.8/003 65.0/008	57.6/039 42.7/010 59.1/061 52.6/088 62.5/085 47.4/045 57.1/034 44.4/020 57.2/035 49.9/080 54.2/008 44.1/019 61.7/081 46.9/040 60.2/071 51.7/086	30.0/021 24.6/066 27.3/009 23.6/052 31.5/041 17.5/019 41.4/089 19.2/026 29.5/020 23.7/057 29.2/016 14.7/009 37.9/084 25.8/077	45.3/076 1946 44.1/055 1947 43.7/044 1948 43.4/037 1949 41.4/004 1950 40.8/002 1951 44.3/061 1952 46.2/086 1953
1957 9.4/010 23.8/059 1958 25.3/082 22.1/046 1959 16.6/040 16.7/021 1960 17.0/041 17.4/024 1961 22.3/072 28.6/081 1962 14.9/029 20.3/039	5 30, 4/041 40, 0/014 5 31, 7/051 41, 3/022 5 28 1/028 43, 0/043 6 34, 3/073 43, 2/044 7 26, 2/017 44, 3/055 1 35, 8/081 40, 4/017 7 36, 3/083 44, 0/056	4 55 5/068 67 8/08 2 54 1/052 61 7/03: 3 59 3/087 61 1/02! 4 51 9/023 66 3/07' 5 54 1/052 62 7/04! 5 53 6/047 67 4/08! 9 54 7/057 64 9/07'	7 68.6/027 66.7/031 3 72.0/073 68.5/053 5 65.8/003 70.4/078 9 69.7/045 69.8/073 8 72.1/075 68.0/045 5 70.1/049 71.8/087 1 70.9/061 69.3/067	58 8/055 49 8/077 56 8/030 45 3/028 59 7/064 48 9/066 56 6/027 43 1/011 60 0/065 48 3/058 53 2/003 46 4/036 57 1/034 49 9/089 62 8/086 54 8/089	32.1/046 26.0/078 31.6/044 29.9/088 32.7/055 22.6/044 26.8/007 28.9/086 32.8/057 22.0/035 30.5/031 17.5/019 37.4/080 26.3/079 36.0/075 18.6/022	44.2/059 1956 43.8/048 1957 44.9/072 1958 43.7/042 1959 43.7/045 1960 44.8/067 1961 44.2/058 1962 45.8/084 1963
1965 18.9/051 20.2/037 1966 11.7/018 18.5/029 1967 22.3/072 23.1/053 1968 17.4/044 24.0/062 1969 10.0/013.20.3/039 1970 14.8/028 26.6/073 1971 15.1/032 21.7/044 1972 13.1/023 20.7/042 1973 19.3/054 24.5/066 1974 15.9/037 26.6/073	3 34 7/076 39.8/012 3 32.4/059 41.7/024 3 7.9/087 41.9/026 2 4.5/009 47.6/078 3 26.8/022 39.3/008 3 0.3/039 44.2/053 3 4 9/078 42.7/039	2 55.2/065 62.8/05(50.5/010 60.6/01) 50.5/010 61.9/03(56.3/073 58.8/00(54.9/061 65.4/076(54.8/060 64.6/06(> 68.8/030 71.3/084 > 71.0/064 70.7/079 66.8/012 71.6/086 65.9/004 68.5/053	60.3/072 46.6/039 60.7/074 47.4/045 57.6/039 47.5/047 61.3/080 40.1/003 56.5/026 43.4/015 56.0/019 45.4/029 56.1/020 43.9/017	30.6/034 22.4/039 32.3/048 19.2/026 32.5/049 16.1/012 35.1/070 24.4/064 31.0/037 19.4/028 32.6/050 18.2/020 30.4/029 14.7/009	43 .4/036 1966 44 .0/053 1967 43 .5/039 1968 43 .2/030 1969 43 .3/033 1970 43 .3/033 1971 42 .5/015 1972
1979 3.67002 13.77006 1980 15.67035 22.57048 1981 26.97090 26.87074	33.6/039 46.3/072 33.6/067 48.8/084 32.1/056 44.4/057 30.9/047 41.0/019 29.2/034 47.5/077 37.5/085 48.8/084 30.7/043 40.4/017 33.7/069 39.8/012	55.3/067 63.1/057 58.4/082 66.8/083 53.9/050 63.3/056 51.7/022 63.4/055 56.7/075 64.6/068 53.6/047 62.5/043 52.8/035 60.1/01.50 8/015 61.9/036	6 71 0/064 69 0/064 1 70 4/052 64 4/004 1 68 5/025 66 7/031 1 69 6/044 67 2/035 1 71 5/069 65 9/017 1 70 0/047 68 9/061 1 70 8/059 73 7/089	60 1/068 43 5/016 58 3/048 47 5/047 60 9/078 47 6/050 62 0/084 48 3/058 58 9/058 46 3/035 60 1/068 45 1/024 57 1/034 45 3/028 58 0/046 47 6/050	30.2/024 23.2/050 30.6/034 18.8/023 26.5/005 13.7/006 28.5/012 28.5/085 35.9/073 25.6/075 37.5/081 22.1/036 28.6/014 23.7/057 32.8/057 5.1/001	45.1/075 1976 44.9/072 1977 41.9/005 1978 42.4/013 1979 45.0/074 1980 46.6/087 1981 42.1/010 1982 44.2/058 1983
MAX 26.9 35.5	44.3 50.5	63.3 70.0	78.0 73.7	63.6 54,8	41.4 31.2	47.7 MAX
MIN 1.4 3.9	20.0 35.6	47.9 57.2	63 2 63.8	48.3 36.5	19.4 5.1	40.8 MIN
AVÉ 17 3 21.5	30.5 43.6	53.9 62.8	69,8 67.9	58.0 46.8	32.1 21.7	43.8 AVE
STDEV 6.0 5.6	4.6 3.2	2.8 2.6	2.3 2.1	2.7 3.2	3.9 4.7	1.3 STDEV
5TH% 4.9 12.1 95TH% 26.1 29.9	22 3 38.4 37 5 49.4	50.1 58.0 58.8 67.4	65.9 64.4 73.0 71.5	53.4 41.0 62.5 51.5	24.9 11.9	41.4 5TH%
# YRS 90 90	90 89	89 89	89 89	89 89	38.7 28.5 89 89	46.1 95TH% 89 # YRS
JAN FEB	MAR APR	NUL YAM	JUL AUG	SEP OCT	NOV DEC	ANN

```
FEB
38 4/001
48 2/046
51 2/068
46 1/028
43 3/011
45 3/021
43 9/016
42 0/006
50 3/059
46 7/033
                                                                                                                                                                                                                             APR
61 8/027
66 3/086
62 5/042
59 0/005
60 9/017
62 9/047
57 2/001
61 0/018
60 8/013
59 9/006
                                                                                                                                                                                     MAR
3/039
7/019
9/074
4/080
5/050
6/018
0/036
3/048
5/083
2/062
                                                                                                                                                                                                                                                                                                              MAY
.0/024
.8/089
.8/022
.5/077
.4/083
.5/046
.2/041
.8/085
.9/036
                                                                                                                                                                                                                                                                                                                                                                                                                 JUL
78.4/023
79.9/068
80.0/069
79.7/064
79.3/051
80.2/072
81.0/083
80.9/082
79.5/055
78.1/015
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEP 0CT 76 1 3/008 74 8/049 63 1/024 73 4/037 66 2/071 75 3/061 63 6/034 72 8/026 65 5/057 77 2/083 68 7/086 73 0/032 63 5/032 72 9/030 65 3/054 72 8/026 63 4/030 74 9/052 64 0/040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NOV
54.9/049
59.6/087
55.9/056
52.6/018
56.1/059
56.4/061
49.3/002
59.6/087
51.9/008
52.8/021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DEC

8/034

3/029

1/060

3/029

2/027

4/041

5/016

6/046

1/004

4/030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ANN
0/012
9/068
8/064
2/035
7/056
5/001
3/039
5/019
2/016
                                                           JAN
3/035
7/026
1/019
8/071
1/045
2/033
4/047
9/023
2/033
3/014
                                                                                                                                                                                                                                                                                                                                                       JUN
77.4/056
76.6/043
78.9/082
78.6/078
78.7/080
76.3/038
76.9/048
78.1/075
73.6/003
76.6/043
              1895
1896
1897
1898
1899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AUG
79.0/063
80.3/085
78.1/030
78.8/054
80.1/082
81.6/089
78.2/035
79.0/063
79.5/072
77.4/013
                                           45
44
43
49
46
45
46
43
45
42
                                                                                                                                                                    5428955555657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  46
49
46
46
47
44
47
42
46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 63
63
63
63
                                                                                                                                                                                                                                                                                           68
72
73
70
70
73
69
69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1900
                 901
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61
63
62
62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1901
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1902
                                                           3/008
5/064
5/084
3/035
9/078
9/044
7/076
6/009
0/085
                                                                                                                          5/005
0/036
5/037
5/018
0/073
4/030
8/076
4/012
2/054
                                                                                                                                                                                                                             63.1/051
64.2/067
57.6/002
67.0/088
63.7/062
62.5/042
64.8/075
61.9/029
                                                                                                                                                                                                                                                                                                               .5/084
.9/036
.2/026
.2/057
.3/027
.9/023
.1/071
.8/067
.8/050
.5/063
                                                                                                                                                                                                                                                                                                                                                                                                                 79.4/053
78.1/015
80.1/071
79.3/051
78.5/030
78.5/030
78.5/030
78.9/036
80.3/076
79.6/058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             77 8/020
79 8/076
78 6/049
78 1/030
78 6/049
77 9/024
78 9/058
78 2/035
78 5/042
78 8/054
                                           41
48
53
45
                                                                                                                                                                                      .4/072
.8/013
.5/088
.3/087
.4/049
.9/081
9/055
.1/037
                                                                                                                                                                                                                                                                                                                                                                          8/070
8/070
4/010
3/038
9/072
4/010
2/083
9/014
8/021
4/088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       64.6/045
62.6/019
62.4/015
62.5/016
62.6/019
66.7/073
68.1/068
62.9/021
65.2/052
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  55 6/053 46 0/024

56 0/058 49 4/063

53 4/030 47 6/046

57 0/069 51 1/074

59 0/082 43 1/008

51 2/003 42 6/005

52 7/020 51 1/074

52 7/020 51 1/074

52 7/020 51 0/066

55 8/055 49 2/061

53 7/033 45 3/020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            62.9/030
63.5/046
63.5/045
63.9/065
63.7/055
62.5/020
65.0/087
62.7/025
64.0/071
62.9/029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               7/069
1/081
3/061
3/061
1/030
1/033
7/069
3/087
6/075
3/016
                                                                                                       41
47
47
44
52
46
52
43
                                                                                                                                                                                                                                                                                            73
69
69
71
69
68
72
71
                                                                                                                                                                   58
51
62
55
55
55
55
57
                                                                                                                                                                                                                                                                                                                                                       77
77
74
76
77
74
79
74
75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             75
77
75
72
73
75
78
76
72
72
              1906
1907
1908
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1906
1907
1908
              1908
1909
1910
1911
1912
1913
                                        50
45
50
41
54
48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1910
1911
1912
1913
                                                                                                       45.8/026
                                                                                                                                                                   50
                                                                                                                                                                                       6/008
                                                                                                                                                                                                                                63
                                                                                                                                                                                                                                                   4/053
                                                                                                                                                                                                                                                                                            71
        1915 45.8/040
1916 53.1/083
1917 50.9/078
1918 38.7/003
1919 47.1/053
1920 47.4/055
1921 49.1/068
1922 46.3/046
1923 50.5/675
1924 44.8/027
                                                                                                  49.2/054
48.3/047
48.0/042
53.1/079
48.1/044
45.3/021
51.0/064
53.8/084
48.0/042
48.2/046
                                                                                                                                                               47.4/002 63
53.3/026 61
56.3/056 63
60.6/084 60
57.1/060 62
53.4/029 62
63.5/089 63
57.0/059 65
56.5/057 62
51.7/011 62
                                                                                                                                                                                                                                                                                                          .6/078
.9/082
.3/001
.4/075
.3/043
.1/011
.7/021
.2/057
.6/020
                                                                                                                                                                                                                                                                                                                                                    76.3/038
75.7/020
76.2/034
77.0/050
76.6/043
76.1/031
78.6/078
77.7/064
76.7/045
78.1/075
                                                                                                                                                                                                                                                                                                                                                                                                                                     8/066
2/019
9/036
9/030
0/042
2/019
7/064
2/049
1/015
3/022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             78.6/049
79.0/063
77.8/020
79.5/072
78.2/035
77.3/011
78.5/042
76.9/006
78.5/042
80.0/079
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0/071
7/023
8/005
3/005
3/045
5/064
6/088
3/061
3/061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     67.2/081
65.0/050
60.1/002
68.4/085
73.3/089
64.8/048
63.7/036
65.9/064
63.4/030
63.6/034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 56.8/068
55.3/051
51.6/006
54.3/041
57.6/076
53.3/028
58.4/081
56.6/065
52.6/018
55.6/053
                                                                                                                                                                                                                                                 .6/060
.5/022
.9/066
.9/017
.4/038
.0/031
.6/060
.5/078
.6/043
.1/033
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1915
1916
1917
1918
1919
1920
1921
1922
                                                                                                                                                                                                                                                                                           72
72
66
72
70
68
68
71
68
67
                                                                                                                                                                                                                                                                                                                                                                                                                   79
78
78
76
79
78
79
78
78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           76
72
71
70
74
75
79
75
75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     7/022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2/038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .7/022
0/050
0/001
2/075
5/043
.4/041
.4/076
.0/084
.5/086
.6/064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            63.2/038
63.6/050
61.8/007
63.6/051
64.3/075
62.4/018
65.5/084
63.8/060
62.6/021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                48
40
51
47
47
51
53
54
49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1924
        1925 48 0/058
1926 45 7/038
1927 47 7/056
1928 45 9/044
1929 49 0/066
1930 48 3/062
1931 45 8/040
1932 55 2/087
1933 52 8/082
1934 49 9/072
                                                                                                                                                               57.3/063 65.7/079
49.9/007 60.9/017
56.8/058 64.8/075
55.8/053 60.3/008
59.4/080 65.8/081
52.3/017 63.5/055
49.9/007 60.8/013
52.0/015 62.9/047
55.2/046 62.4/038
53.6/031 63.5/055
                                                                                                                                                                                                                                                                                      68. 3/013 79. 4/084 80. 5/077
70. 0/037 76. 1/031 79. 1/046
71. 9/068 76. 1/031 78. 9/036
68. 2/012 75. 7/020 79. 5/055
70. 4/044 75. 4/015 78. 2/019
72. 2/072 75. 5/017 81. 4/087
68. 6/020 77. 8/070 81. 5/088
69. 7/032 77. 5/058 81. 6/087
74. 8/089 77. 7/064 78. 5/030
70. 5/046 78. 7/080 81. 2/086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            78.8/054
80.1/082
76.8/005
79.5/072
78.2/035
77.7/017
77.9/024
79.3/066
78.9/058
79.4/068
                                                                                                                      4/082
4/061
1/090
8/050
8/039
1/079
2/054
8/089
4/061
6/014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        80 7/089
77 4/084
75 7/069
72 3/016
73 7/039
77 2/085
77 6/085
74 2/042
78 2/086
75 3/061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .1/022
.0/010
.1/083
.5/045
.4/061
.4/030
.4/088
.3/015
.1/037
.2/073
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             47.4/041
50.6/069
48.2/054
47.8/048
47.5/043
43.8/010
56.5/089
52.0/082
54.2/085
47.2/036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .6/045
.2/071
.8/074
.0/023
.0/010
.1/077
6/045
.8/062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .8/082
.2/036
.0/085
.9/031
.7/057
.4/041
.4/077
8/083
.2/088
.8/063
                                                                                                   53
50
57
48
47
53
49
56
50
43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     64
66
67
63
67
64
65
65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 53
52
59
54
56
56
50
54
57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1925
1926
1927
1928
1929
1930
1931
1932
1933
                                                                                                  49.0/051
45.4/028
48.6/048
53.9/085
54.2/086
46.5/031
43.6/014
43.9/016
49.3/055
53.1/079
                                                                                                                                                                                                                          63.0/050
61.6/024
62.0/031
63.6/060
62.5/042
60.9/017
64.9/076
63.8/064
61.7/026
62.5/042
                                                                                                                                                                                                                                                                                                                                                77 0/050
77 7/064
78 5/076
75 5/017
78 8/081
77 3/054
77 8/070
80 2/087
79 6/086
                                                                                                                                                                                                                                                                                                          0/053
1/071
9/052
7/066
1/039
6/020
6/064
1/055
5/077
7/081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       73.8/040
76.5/073
72.4/017
74.2/042
76.1/072
72.2/013
76.6/075
74.3/045
72.2/013
75.5/064
                                                                                                                                                                                  .7/085
.1/068
.1/021
.2/086
.5/073
.3/026
.8/005
.2/046
.2/038
.9/055
                                                                                                                                                                                                                                                                                                                                                                                                              79.4/053
80.7/080
79.0/042
78.5/030
79.2/049
78.5/030
79.7/064
80.8/081
79.7/064
78.5/030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               57.4/075
53.8/035
52.1/011
57.4/075
52.4/016
55.1/050
55.8/055
57.2/073
53.2/024
54.0/036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           40.8/003
50.1/067
46.6/032
47.6/046
48.7/059
51.9/081
51.0/071
48.1/051
47.4/041
44.6/018
                                    48.0/058
44.4/025
57.7/089
47.2/054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4/068
7/075
3/066
4/086
0/028
6/049
9/078
0/028
1/082
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .9/064
.2/081
.4/015
.2/042
.7/073
.1/041
.9/088
.4/055
.6/019
.8/037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        63.8/061
63.9/068
63.5/048
64.6/080
64.6/079
61.9/010
64.0/069
63.4/042
63.5/047
63.7/058
                                                                                                                                                               60
58
53
65
53
49
55
55
55
                                                                                                                                                                                                                                                                                        71
72
70
71
70
68
71
71
72
72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            79
79
79
80
78
78
79
78
80
78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1935
1936
1937
1938
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    65
67
62
64
66
64
70
65
62
63
           1936
1937
            1938
          1938 47.27054
1939 49.87071
1940 35.77002
1941 46.77048
1942 45.27033
1943 49.27069
1944 46.87052
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1938
1939
1940
1941
1942
1943
                                                                                                                                                           63.9/090
60.4/082
48.8/003
59.1/076
55.3/048
53.3/026
55.7/052
55.0/042
57.8/066
54.5/040
                                                                                                                                                                                                                       66.4/087 68.5/015
64.6/071 70.2/041
65.8/081 70.6/049
66.2/085 71.3/061
62.2/036 71.3/061
60.0/007 72.3/073
61.6/024 69.6/031
61.9/029 71.3/061
62.1/033 74.6/087
67.1/089 66.9/002
                                                                                                                                                                                                                                                                                                                                               77.9/072
75.9/072
76.0/026
77.8/070
76.9/048
77.6/059
77.5/058
81.1/089
78.1/075
77.8/070
                                                                                                                                                                                                                                                                                                                                                                                                           79.0/042
78.3/022
76.6/002
79.8/066
80.3/076
77.6/006
79.7/064
81.1/085
79.6/058
80.7/080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          78 . 2/035
77 . 0/007
79 . 5/072
77 . 9/024
78 . 5/042
77 . 3/011
80 . 3/085
78 . 7/050
78 . 6/049
81 . 1/088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     77.0/080 64.0/040
73.3/036 65.3/054
75.0/054 68.4/085
72.9/030 61.7/009
72.7/023 69.0/087
72.6/020 67.1/077
75.1/056 67.2/081
72.9/030 61.0/005
73.5/038 65.5/057
77.0/080 65.7/059
                                  45.9/044
48.6/065
52.5/080
41.8/010
54.7/086
58.3/090
48.1/060
52.7/081
50.3/074
48.5/064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            56.5/063
60.6/089
53.7/033
59.5/085
53.3/028
51.6/006
51.3/004
54.7/048
54.2/038
52.2/012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         43.1/008
51.9/081
48.4/057
51.8/079
50.7/070
43.4/009
51.1/074
46.8/034
48.2/054
45.7/022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          .3/076
.7/081
.1/034
.2/074
.0/086
.7/054
.9/066
.0/070
.5/078
                                                                                                                      7/071
                                                                                               51.7/071
50.7/064
42.3/007
50.7/064
55.2/088
52.8/076
49.4/056
50.8/065
51.1/067
52.3/074
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         64
63
64
65
63
64
64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1945
          1946
1947
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1946
1947
1948
1949
1950
           948
       1950
1951
1952
1953
1954
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1952
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1/072
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1954
                                                                                             49 6/057
53.5/083
55.2/088
40.4/003
51.4/069
46.4/03
51.5/070
53.2/080
43.0/008
44.2/017
                                                                                                                                                           58 4/072
54.7/041
53.9/034
51.4/010
53.2/023
45.4/001
58.3/069
51.8/013
58.1/068
55.2/046
                                                                                                                                                                                                                                                                                                                                               73 2/001
76 2/034
77 4/056
76 6/043
76 5/039
76 3/038
74 5/011
76 0/026
75 9/023
77 7/064
                                                                                                                                                                                                                                                                                                      4/075
7/066
5/063
3/043
7/081
5/015
7/006
3/086
9/036
6/049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       79, 9/078 75, 4/062 63 7/036
79, 2/064 72, 0/007 65, 7/059
77, 9/024 74, 9/052 60, 7/004
78, 8/054 74, 9/047 63, 0/023
79, 7/075 74, 3/045 67, 2/081
79, 0/063 74, 4/047 66, 0/065
77, 7/017 75, 1/056 63, 2/027
78, 5/042 73, 0/032 65, 8/062
78, 6/049 72, 1/010 65, 0/050
77, 2/008 73, 3/036 60, 6/003
                                                                                                                                                                                                                                            9/082
2/021
2/077
0/050
6/060
6/071
6/004
6/071
7/062
                                                                                                                                                                                                                                                                                                                                                                                                           79 9/068
79 1/046
79 0/042
79 7/064
79 0/049
79 2/049
78 5/030
79 1/046
77 8/010
77 6/006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           53.7/033
53.3/028
56.8/068
58.3/080
54.3/041
56.0/058
57.8/077
52.3/015
54.7/048
58.0/078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       46 0/024
55 3/087
48 6/058
44 6/018
48 3/056
42 7/006
48 2/054
44 1/011
40 2/002
50 3/068
                                                         4/037
                                                                                                                                                                                                                        65
61
65
63
64
58
60
64
       1955
                                                                                                                                                                                                                                                                                   72
71
70
72
68
67
74
69
70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .6/052
.8/062
.2/073
.8/007
     1955 45 4/037
1956 43 6/022
1957 49 1/068
1958 41 3/008
1959 45 0/029
1960 46 8/052
1961 42 0/013
1962 45 2/033
1963 42 6/018
1964 45 0/029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1955
1956
1957
1958
1959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       63
64
61
63
62
62
62
61
62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .1/014
.B/026
.8/028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1960
1961
1962
1963
1964
                                                                                           48 8/042
46 8/035
45 5/024
41 4/004
45 6/027
47 6/038
46 8/035
45 2/019
48 8/050
                                                                                                                                                                            8/020
4/029
7/065
9/034
9/034
9/009
2/046
3/078
2/077
                                                                                                                                                                                                                      64 3/068
61 7/026
66 0/084
63 9/066
63 8/064
64 8/075
61 1/020
62 7/045
60 6/010
62 7/045
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      78 3/037
77 5/015
76 1/001
79 6/073
76 5/002
78 6/079
77 3/011
78 0/028
77 8/020
77 4/013
                                                     .8/052
.0/013
.2/061
.2/020
.1/024
.7/006
.4/037
.3/079
.9/044
.7/088
                                                                                                                                                                                                                                                                                                       .7/081
.2/026
.1/011
.6/020
.6/031
.6/049
.6/004
.1/011
.1/011
                                                                                                                                                                                                                                                                                                                                                                4/010
9/005
6/013
2/034
7/064
6/018
2/052
4/002
7/045
7/004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  74.6/048
72.7/023
69.3/001
72.8/026
72.2/013
76.7/076
74.9/052
75.0/054
76.0/071
72.3/016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            62 8/020
63 3/028
62 2/012
64 7/046
65 1/051
66 1/068
68 4/085
63 5/032
66 2/071
61 2/007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          56.7/066
54.7/048
52.0/010
53.3/028
51.9/008
52.3/015
54.4/044
53.9/035
58.1/079
54.3/041
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      48.3/056
46.6/032
51.5/077
44.3/014
44.5/016
49.9/066
56.0/088
51.8/079
47.4/041
48.0/050
       1965
1966
1967
                                 46
42
48
43
44
34
51
51
                                                                                                                                                           52
53
57
53
53
55
55
55
59
                                                                                                                                                                                                                                                                                   72
69
68
69
70
67
68
68
70
                                                                                                                                                                                                                                                                                                                                              74
73
74
76
77
75
77
73
76
73
                                                                                                                                                                                                                                                                                                                                                                                                           77
79
76
78
80
78
77
77
79
                                                                                                                                                                                                                                                                                                                                                                                                                                 9/011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       63.1/033
61.8/005
62.3/017
61.7/004
61.7/003
62.7/025
63.2/037
63.1/032
63.4/040
                                                                                                                                                                                                                                                                                                                                                                                                                              .9/011
6/058
.6/002
.6/031
.3/076
.9/036
.7/008
.8/010
.0/042
.7/008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1965
1966
1967
1968
1969
1970
1971
1972
1973
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       61
62
63
63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       63.6/049
                                                                                                                                                       54.0/036
59.1/076
58.4/072
52.1/016
55.7/052
53.2/023
51.9/014
57.2/062
53.6/031
53.4/029
                                                     2/073
6/018
4/001
9/004
                                                                                                                .9/072
4/082
5/024
8/002
2/010
2/010
1/044
7/064
7/033
8/058
                                                                                                                                                                                                                                          1/020
0/050
8/075
3/052
6/060
2/036
0/084
8/013
4/003
                                                                                                                                                                                                                                                                                                    1/071
1/003
1/055
4/029
1/039
7/006
3/061
6/020
                                                                                                                                                                                                                                                                                                                                                                                                          77.3/004
78.1/015
80.7/080
79.1/046
78.2/019
81.1/085
80.3/076
78.9/036
80.1/071
                                                                                                                                                                                                                                                                                                                                                                .0/026
.3/007
.1/051
.9/048
.1/031
.6/086
.1/031
.6/013
.6/013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         9/058 72

6/003 71

9/058 75

0/063 75

3/037 73

6/087 77

8/005 71

5/015 72

3/085 72

9/***-99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .6/065
.7/001
.1/071
.4/084
.5/063
.2/024
.4/044
.1/071
.4/044
.9/***
                                                                                                                                                                                                                                                                                    72.
67.
71.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .5/018
.8/005
.6/066
.6/066
.0/080
.9/006
.1/010
.6/020
.9/****
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1/068
4/001
2/007
2/027
2/027
1/011
4/015
9/038
8/048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          .0/035
.3/014
.2/027
.3/062
.7/047
.1/025
.3/014
.0/084
                                  50
42
35
38
41
                                                                                           51
53
45
39
43
43
48
50
49
                                                                                                                                                                                                                     61
63
63
63
62
66
60
59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .6/053
.5/002
.7/023
.2/015
.1/013
.6/022
.9/011
.4/043
.9/008
                                                                                                                                                                                                                                                                                                                                               76
77
76
76
76
76
76
76
76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       78
76
78
79
78
80
76
77
80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               66
59
63
63
63
64
69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          56
48
57
59
56
53
57
54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        47
46
49
47
46
44
53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     63
64
62
62
62
61
61
61
61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1976
1977
1978
1979
                                                                                                                                                                                                                                                                                                                                                                                                        80
79
78
81
80
78
80
     1978
1979
                                                                                                                                                                                                                                                                                   69
70
67
71
68
                                                   8/052
7/006
6/018
3/021
5/015
                                 46
39
42
     1980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1980
1981
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1982
1983
1984
MAX
                                                                                                           57 1
                                               58.3
                                                                                                                                                                       63.9
                                                                                                                                                                                                                                     67.1
                                                                                                                                                                                                                                                                                                 74.8
                                                                                                                                                                                                                                                                                                                                                           81.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     81.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BO.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              73 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         60.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   65.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MAX
MIN
                                                                                                            38 4
                                                                                                                                                                         45
                                                                                                                                                                                                                                                                                                                                                                                                                         76.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      76.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  69.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              59 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          48.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     40.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MIN
AVE
                                                                                                                                                                                                                                                                                                 70.5
                                                                                                                                                                                                                                                                                                                                                           76.8
                                                                                                                                                                                                                                                                                                                                                                                                                        79.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     78.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  74.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         55.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      47.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AVE
SIDEV
                                                                                                                                                                              3.6
                                                                                                                                                                                                                                                                                                     1 9
                                                                                                                                                                                                                                                                                                                                                                1.6
                                                                                                                                                                                                                                                                                                                                                                                                                            1.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STOEV
                                                38.9
                                                                                                           41.4
                                                                                                                                                                        49 0
                                                                                                                                                                                                                                     58.6
                                                                                                                                                                                                                                                                                                67.6
                                                                                                                                                                                                                                                                                                                                                           73.7
                                                                                                                                                                                                                                                                                                                                                                                                                      77.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    76.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 71.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        51.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     42.1
95TH%
                                             54 0
                                                                                                           53 9
                                                                                                                                                                       60.7
                                                                                                                                                                                                                                     66.2
                                                                                                                                                                                                                                                                                                 73.B
                                                                                                                                                                                                                                                                                                                                                           79.6
                                                                                                                                                                                                                                                                                                                                                                                                                     81.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    80.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 77.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             68.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         59 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     54.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 65.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 95TH%
# YRS
                                                          90
                                                                                                                      90
                                                                                                                                                                                     90
                                                                                                                                                                                                                                               89
                                                                                                                                                                                                                                                                                                          89
                                                                                                                                                                                                                                                                                                                                                                     89
                                                                                                                                                                                                                                                                                                                                                                                                                                   89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 # YRS
                                                        JAN
                                                                                                              FEB
                                                                                                                                                                             MAR
                                                                                                                                                                                                                                          APR
                                                                                                                                                                                                                                                                                                     MAY
                                                                                                                                                                                                                                                                                                                                                                 JUN
                                                                                                                                                                                                                                                                                                                                                                                                                              JUL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AUG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NOV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DEC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ANN
```

		TEMPERAT	JRE (F) FOR CENTRAL			
1898 35.7/073 34.4/05 1899 30.9/039 23.2/00 1900 34.3/065 28.6/01 1901 33.6/061 27.4/01 1902 30.4/036 24.9/00 1903 31.0/040 32.6/00 1904 26.3/016 29.4/01	2 38 0/012 60 6/089 45 0/062 53 0/034 0 47 1/074 50 7/011 3 91 5/020 54 8/056 8 38 9/017 54 5/051 3 42 8/045 50 4/010 6 45 0/062 52 3/027 6 48 8/080 53 8/042 9 44 0/054 48 4/002	70.1/088 71.8/0 60.1/015 71.9/0 64.5/053 74.2/0 66.2/073 73.9/0 65.1/061 72.1/0 62.3/032 74.7/0 67.7/082 70.6/0.6/0.65.6/0.67 66.7/0 63.0/036 70.6/0.	10 75,9/045 75,2/05 12 77,1/066 72,8/01 13 76,3/057 75,1/05 19 75,6/034 76,8/07 17 76,1/051 78,9/08 16 81,6/089 75,4/06 12 76,4/060 73,0/01 10 75,8/041 73,5/02 12 73,5/006 72,4/01	69 65,47013 52,97007 6 71,27078 61,17083 8 70,47070 54,57021 7 66 57025 60,1707 7 66 57025 60,1707 2 67,27034 57,17052 8 64,57008 58,0705 4 66,97031 56,17039 1 68,67049 55,67035	47 8/084 33 1/07 40 5/010 30 6/0 47 8/081 31 9/02 44 1/042 35 3/05 40 6/011 29 5/0 50 6/087 32 2/0 40 1/007 27 9/0 43 8/036 32 6/0	38 64,5/051 1897 19 54 5/053 1898 26 53 9/038 1899 23 55 1/067 1900 16 53 5/027 1901 18 153 8/035 1902 25 53 2/017 1903 33 52 3/004 1904
1909 34.6/068 38.9/079 1910 31.3/043 29.5/020 1911 35.6/072 38.6/078	2 35.3/002 56.9/077 1 51.6/086 46.5/001 1 48.6/079 55.7/066 9 42.5/041 53.4/037 0 53.1/088 54.2/049 6 44.0/054 52.0/023 1 36.5/006 55.6/063 5 42.4/039 54.0/045	65.1/061 71.9/0 65.1/061 71.5/0 65.1/061 71.5/0 61.9/028 72.9/0 59.2/004 69.2/0 68.2/085 75.2/0 65.6/067 68.9/0 64.2/049 73.6/0	12 74 0/013 /6 2/0/ 10 76 3/057 73 8/03 18 75 8/041 74 5/04 19 74 0/013 76 3/07 12 75 7/035 73 3/02 10 75 8/041 74 3/04 16 76 0/049 73 1/02 16 78 2/076 78 0/08	2 /1.4/082 55.2/030 0 67.5/042 53.7/016 8 70.2/068 55.7/036 5 66.4/022 53.4/016 1 71.8/083 56.8/048 0 69.2/054 57.6/057 3 67.7/043 55.0/025	42.2/028 36.3/06 42.2/023 36.3/06 46.0/070 36.9/06 39.7/005 29.5/01 39.4/004 38.2/07 44.1/042 35.9/07 48.9/086 37.8/07	52 53.8/034 1907 57 55.5/075 1908 57 55.5/075 1908 16 53.6/028 1910 76 55.8/079 1911 73 55.8/079 1912
1917 32.7/054 30.3/02 1918 17.4/002 35.3/05 1919 34.6/068 35.6/060 1920 28 0/025 32.9/04	8 41,7/034 52,4/029 23,9/052 52,6/033 7 49,3/082 51,0/015 0 45,2/063 54,2/049 1 44,2/056 49,6/008 1 22,8/087 56,4/072 2 45,7/066 56,4/072	65 1/061 68 3/0 57 4/001 69 5/0 68 0/083 73 0/0 61 5/024 75 1/0 62 3/032 71 2/0 64 9/057 76 1/0 65 5/075 74 1/0	06 79 0/083 76 7/07 5 75 0/026 72 6/01 51 73 8/011 79 1/08 19 78 1/074 73 8/03 32 74 1/017 72 4/01 14 79 7/086 74 3/04 12 75 3/031 74 3/04	6 66.1/019 56.2/040 2 65.8/017 49.0/001 7 61.2/001 59.7/074 0 69.9/066 61.2/085 1 69.4/057 60.2/080 1 73.0/086 56.0/037	45.6/063 31.8/02 43.4/030 24.7/00 44.3/045 41.2/08 43.6/033 29.5/01 42.0/021 35.8/05 46.0/070 37.5/07 46.4/071 36.7/08	24 54 27045 1916 03 51 47001 1917 37 54 47050 1918 16 55 27068 1919 58 53 57025 1920 72 57 77089 1921
1928 32.3/050 35.7/061 1929 28.4/029 27.6/014 1930 27.4/020 42.8/090	2 37.6/009 48.8/004 7 46.0/068 55.5/062 1 43.5/049 50.4/010 4 48.9/081 56.9/077 0 42.1/038 56.7/074 2 39.0/018 53.7/040 3 37.7/010 54.5/051	64.7/056 69.2/0 63.4/039 68.7/01 62.9/035 67.6/01 61.6/025 70.2/0 64.7/056 71.8/0 60.8/019 74.5/0 64.4/052 73.8/01	2 76.2/054 76.2/07 74.7/023 71.0/00 92 76.4/060 75.7/06 9 75.9/045 72.8/01 0 79.0/083 75.6/06 5 78.9/080 74.1/03 77.7/4/070 75.5/06	2 69.9/066 56.7/047 5 70.8/076 59.6/072 7 63.9/007 59.5/071 6 67.4/038 55.0/025 5 70.5/072 54.0/019 4 73.5/088 60.2/080 3 67.5/042 55.6/035	40.5/010 33.2/03 48.2/085 32.9/03 44.8/050 36.5/06 40.9/013 34.9/05 44.9/052 33.2/03 52.4/089 42.9/05 40.5/010 33.8/04	38 53.5/026 1926 35 55.3/073 1927 35 54.1/043 1928 31 53 4/023 1929 38 55 2/070 1930 37 57.0/088 1931 31 55 3/072 1932
1937 35.8/074 33.7/046 1938 32.7/054 41.7/087 1939 37.3/087 35.4/059 1940 18 0/003 33.4/043 1941 33.7/063 30.9/028	7 47, 4/075 50, 9/014 5 39,6/021 53, 3/036 7 51,1/085 56,1/069 8 45,9/067 51 5/017 5 38,3/013 58,3/082 7 51,6/064 57,5/080 7 39,9/025 52,4/029	67.2/079 74.1/0 64.2/049 72.7/09 63.9/044 70.6/0 65.8/069 74.1/0 61.0/021 72.6/09 66.7/077 73.3/06 64.1/047 73.2/06	2 81.3/087 80.3/08 4 75.5/032 77.7/08 2 76.9/063 77.7/08 2 76.5/061 74.3/04 5 77.3/069 76.2/07 3 77.3/069 76.2/07 3 77.3/069 76.9/07	9 72.2/084 56.6/045 66.7045 67.028 54.3/020 2 66.7/028 54.3/020 2 69.1/053 59.9/075 1 72.9/085 59.2/067 2 71.1/077 61.2/085 8 66.5/025 57.2/085 8 64.7/010 55.1/027	41.2/017 37.9/07 41.0/014 32.1/02 45.9/068 35.1/05 42.4/024 37.5/07 42.7/025 39.7/08 45.1/055 39.7/08 47.0/076 31.9/02 41.8/020 32.1/02	14 55.07064 1936 19 53.97037 1937 52 56.77087 1938 12 56.17082 1939 10 53.07014 1940 12 56.07080 1941 16 54 67058 1942 19 54.17044 1943
1950 39 9/088 36 1/064	8 53.8/090 56.9/077 8 36.2/004 54.8/056 8 44.7/059 58.6/083 8 43.3/047 52.6/033 8 40.0026 49.6/008 8 41.9/035 51.3/016 8 42.0/036 53.9/043 8 45.7/066 50.9/014 8	61.3/023 72.0/04 60.9/020 70.7/02 652.3/032 72.3/05 65.5/065 74.3/07 65.2/062 71.3/03 64.4/052 71.1/03 653.5/041 78.0/08	4 76.0/049 70.9/00 0 76.2/054 74.3/04 4 78.5/078 74.3/04 5 72.6/004 70.9/00 0 75.6/034 74.3/04 9 78.3/077 74.5/04 7 76.9/063 75.4/06	4 67.3/036 59.5/071 8 69.5/061 63.6/089 1 68.8/050 53.8/017 8 62.8/003 60.1/077 65.9/018 61.0/081 1 65.7/016 58.2/060 8 69.9/031 51.4/068 2 69.0/051 59.4/068	48.0/083 39.2/07 41.1/015 35.7/05 47.3/078 37.2/07 45.0/053 38.1/07 39.2/003 28.5/00 38.1/002 34.4/04 44.9/052 36.4/04 45.1/055 35.5/05	19 56.4/086 1946 17 54.0/040 1947 10 54.6/056 1948 15 55.7/076 1949 18 53.3/021 1950 17 53.6/030 1951 13 55.5/074 1952 14 56.3/084 1953
1957 28.2/028 39.9/084 1958 30.3/035 25.8/008 1959 28.2/028 35.0/055 1960 33.5/060 31.0/026 1961 27.8/023 38.5/074	43 4/048 52 0/023 6 42 7/044 56 0/068 6 38 5/014 54 2/049 6 42 6/042 54 7/054 6 29 7/001 57 0/078 6 46 2/070 49 1/005 5 39 7/024 51 9/021 1 47 0/073 56 4/072 6	55.3/064 72.8/05 53.6/042 69.5/01 57.6/081 72.3/05 51.1/022 70.9/02 57.3/006 69.7/01 57.4/089 72.0/04	7 75 3/031 75 1/05 1 76 4/060 74 4/04 5 75 1/028 74 1/03 0 75 2/029 77 5/08 6 73 8/011 75 7/06 8 74 5/021 73 6/02 4 74 4/018 74 4/01 3 74 6/022 72 7/01	8 66.6/027 61.1/083 4 67 0/032 53 0/008 4 67.5/042 56.5/043 0 69.6/062 56.3/041 7 70.5/072 57.4/055 5 69.7/063 57.2/054 4 65.8/029 63.1/088	43.7/034 40.7/08 43.9/037 39.2/07 47.1/077 28.8/01 39.8/006 38.4/07 45.2/057 29.2/01 44.6/049 32.7/03 43.5/031 30.2/01 46.5/072 23.7/00	14 55.3/071 1956 19 54.8/061 1957 1 52.6/009 1958 7 54.8/060 1959 3 52.9/010 1960 4 53.6/029 1961 7 53.6/031 1962 2 53.0/013 1963
1966 25. 9/015 32. 9/041 1967 34. 8/069 30. 0/021 1968 28. 0/025 28. 2/016 1970 23. 5/009 32. 1/031 1971 27. 5/021 32. 6/036 1972 31. 2/041 32. 3/033	46.4/071 57.1/079 5 44.7/059 54.9/058 6 37.1/008 55.4/061 6 39.7/024 55.7/066 6 39.7/024 53.3/036 6 42.7/044 53.7/040 6 50.3/084 52.5/030 6	50 4/017 71 2/03 50 7/010 72 1/04 50 6/018 72 4/05 53 8/043 70 7/02 56 2/073 71 1/03 50 1/015 75 1/07 50 1/015 73 2/06	2 78 2/076 72.1/001 7 72.3/002 70.1/00: 1 75.1/028 75.1/051 4 77.3/069 73.7/021 0 75.0/026 74.8/05: 9 73.2/005 72.3/00: 0 74.5/021 73.7/02 0 74.5/021 73.7/04	3 64.7/010 53.2/009 2 63.7/006 55.4/031 3 66.5/025 56.1/039 3 66.6/027 55.2/030 2 70.8/076 56.9/049 3 70.1/067 62.6/087 3 69.4/057 53.4/012 2 69.5/061 60.2/080	45.9/068 33.9/04 40.7/012.36.5/06 44.0/039.32.2/03 41.6/019.31.0/02 43.3/029.37.2/07 44.6/049.41.2/08 41.2/017.33.9/04 47.0/076.33.6/03	3 52 9/012 1966 5 53 2/018 1967 1 53.1/015 1968 1 52.9/011 1969 0 53.9/036 1970 7 54.4/046 1971 3 53.2/019 1972 9 55.2/069 1973
1977 15.4/001 32.0/030 1978 20.6/005 20.8/001 1979 20.4/004 23.4/004 1980 31.3/043 27.0/010 1981 27.4/020 34.5/052 1982 23.4/008 30.6/024	48.5/077 55.1/059 8 48.0/076 58.1/081 6 37.9/011 54.9/058 6 44.2/056 52.2/026 6 38.9/017 52.1/024 6 42.1/038 59.0/085 5 43.9/052 49.5/006 43.8/050 48.8/004 6	39, 6/008, 70, 9/02 88, 1/084, 71, 3/03 11, 8/027, 72, 1/04 12, 1/029, 71, 0/02 13, 5/041, 71, 0/02 19, 7/010, 73, 1/06 17, 6/081, 68, 1/00 10, 1/015, 71, 3/03	6 74 5/021 71 4/006 5 77 8/071 74 0/03 7 75 8/041 74 3/04 8 73 7/008 73 3/02' 8 79 2/084 78 1/08 2 75 8/041 72 7/01 5 76 1/051 71 9/08 7 78 1/074 78 9/08	26 64 9/011 50 0/004 26 93 3/055 53 5/014 270 8/076 53 6/015 366 4/022 55 5/033 369 8/064 52 9/007 365 5/015 53 9/018 65 5/015 56 4/042 66 8/046 57 0/051	36.4/001.28.7/01.45.8/065.31.1/02.46.6/073.34.2/04.43.8/036.36.3/06.42.9/027.34.1/04.45.5/060.31.0/02.45.6/063.41.1/08.45.9/068.23.7/00	0 52 4/006 1976 2 53.7/033 1977 5 51 9/003 1978 2 51 9/002 1979 1 53.3/022 1981 5 53.3/020 1982 5 53.3/020 1983
MAX 41.0 42.8	53.8 60.6	70.4 78.0	81.6 80,3	74.3 63.6	52.4 42 9	57.7 MAX
MIN 15.4 20.8	29.7 46.5	57.4 66.7	72.2 69.5	61.2 49.0	36.4 23.7	51.4 MIN
AVE 30.9 33.4	43.2 54.0	63.6 72.1	76.1 74.7	68.2 56.7	44.3 34.1	54.3 AVE
STDEV 5.2 5.0 5TH% 20.4 23.4	4.6 2.9 36.2 48.8	2.9 2.4 59.2 68.0	2.0 2.1 72.6 70.9	2 7 3.1 63.2 50.0	2.9 4.2 39.4 26.5	1.2 STDEV
95TH% 37.0 41.7	51.1 59.0	68.2 76.4	79.5 78.9	72.9 61.2	39.4 26.5 48.2 41.1	52.3 5TH% 56.4 95TH%
# YRS 90 90	90 89	89 89	89 89	89 89	89 89	89 # YRS
JAN FEB	MAR APR	MAY JUN	JUL AUG	SEP OCT	NOV DEC	ANN

```
APR
49.5/083
48.1/076
44.1/042
44.3/043
46.5/066
49.0/082
46.9/071
44.4/045
45.1/053
40.0/008
                                                                     JAN
2/020
6/067
3/079
0/047
2/083
4/065
2/071
0/056
3/017
                                                                                                                FEB
12.6/012 27
21.7/069 25
20.5/061 26
20.5/061 33
9.5/006 19
11.3/009 25
13.1/014 29
17.3/041 36
16.5/036 34
7.7/002 28
                                                                                                                                                                                                                                                                                                                                  MAY JUN
4/063 67 3/068
8/087 67 0/062
1/034 63 9/021
5/049 66 9/061
8/076 66 9/061
8/076 66 4/057
5/059 67 6/070
5/065 62 0/011
5/059 62 3/012
5/049 64 4/026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AUG

68.8/052

69.1/055

65.5/009

68.1/036

70.6/076

74.6/088

70.2/070

65.9/013

64.8/005

65.5/009
                                                                                                                                                                                                                                                                                                                                                                                                                                             JUL
68.8/019
70.5/046
72.8/079
70.8/051
70.5/046
69.5/031
76.1/087
70.6/048
69.0/022
67.4/006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEP
64.0/083
56.1/004
66.2/088
62.6/072
58.1/018
61.3/064
59.9/042
57.1/011
58.4/019
59.9/042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0CT
43.0/003
44.6/007
52.7/077
55.2/075
56.7/087
50.8/064
49.4/049
48.8/045
49.0/046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DEC
23.5/065
26.0/079
17.2/023
16.6/020
21.5/051
23.4/063
17.8/026
18.0/027
14.7/009
19.7/042
                    YEAR
1895
1896
1897
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NOV
.5/024
.8/004
.8/022
.9/023
.9/089
.5/018
.2/027
.5/082
.7/020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ANN
43.8/028
44.7/055
44.1/038
44.9/063
44.0/034
45.8/082
45.0/064
44.7/058
43.3/019
42.2/007
                                                                                                                                                                                                 MAR
8/038
0/015
5/026
9/073
8/002
2/016
2/049
1/082
9/079
5/041
                                                                                                                                                                                                                                                                                                               58
62
55
55
55
57
58
57
56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1895
1896
1897
                                                      18
                1897
1898
1899
1900
1901
1902
1903
1904
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1898
1899
1900
1901
1902
1903
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              30
40
30
32
38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                38.1/080
                                                                                                                                                                             34 9/079
23 7/007
33 7/070
31 1/058
28 7/044
43 1/090
33 8/071
21 7/004
25 7/020
29 0/048
                                                                 9/019
: 4/085
: 9/031
: 6/075
: 5/059
: 0/052
: 5/042
: 3/001
                                                                                                                                                                                                                                           43.6/037

48.5/079

36.7/002

46.0/062

38.9/005

48.7/080

43.4/035

45.9/060

46.7/069

43.1/032
                                                                                                                                                                                                                                                                                                             54 3/026
55 7/042
47 7/001
56 1/046
54 2/025
52 1/011
61 2/086
57 3/057
54 6/029
58 7/066
                                                                                                                                                                                                                                                                                                                                                                           64.9/032
65.0/036
64.0/022
64.4/026
65.8/049
67.2/064
70.3/087
63.4/018
67.9/075
66.0/052
                                                                                                                                                                                                                                                                                                                                                                                                                                             68.3/016
68.8/017
70.4/044
69.4/029
71.5/060
70.6/048
69.8/035
69.7/033
72.6/074
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             69.8/065 62.9/074 46.70.7/077 64.8/085 47.66.8/022 58.9/026 46.67.0/024 65.6/087 49.71.7/081 59.4/033 46.67.9/035 59.9/032 46.6/019 59.9/042 46.65.3/006 60.0/043 49.70.5/073 60.4/046 46.68.3/043 61.0/057 53.
                                                9
22
12
20
17
                                                                                                                                    .4/010
.3/049
.8/052
.1/059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .7/024
.8/034
.6/022
.5/052
.1/019
.2/075
.0/017
.7/055
.6/022
.9/080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              35.0/054
33.9/044
34.0/045
36.4/067
38.8/085
29.6/012
26.5/002
36.4/067
39.7/087
35.9/061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           24.6/071
21.7/052
24.9/073
22.2/057
15.2/013
18.8/035
25.3/076
25.1/075
29.5/087
14.5/008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            43.9/032
45.1/069
42.9/012
45.8/081
43.9/081
45.0/065
45.0/067
42.3/068
44.6/053
                 1905
                                                                                                             11.4/010
18.3/049
18.8/052
20.1/059
20.6/062
13.7/020
22.4/075
13.5/018
13.9/021
9.5/006
              1905 9
1906 22
1907 12
1908 20
1908 17
1910 16
1911 14
1912 -
1913 16
1914 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1905
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1905
1906
1907
1908
1909
1910
1911
1912
1913
                                                                   4/085
                                              13.9/037 25.3/084
14.0/039 13.4/015
10.8/024 8.2/003
4.9/005 17.1/039
22.9/086 19.9/057
9.3/017 16.9/038
23.0/087 24.9/082
14.7/044 16.1/031
18.8/068 12.3/011
9.1/014 20.9/065
              1915 13.9/037
1916 14.0/039
1917 10.8/024
1918 4.9/005
1919 22.9/086
1920 9.3/017
1921 23.0/087
1922 14.7/044
1923 18.8/068
                                                                                                                                                                            27.5/036
26.0/021
28.7/044
36.7/083
31.2/060
31.4/062
34.8/077
32.6/065
22.5/005
28.8/046
                                                                                                                                                                                                                                          52 8/089
43.0/031
41.0/018
42.1/025
44.4/045
38.1/003
49.0/082
44.7/051
42.3/026
43.7/038
                                                                                                                                                                                                                                                                                                        52.2/012
55.2/038
8.51.5/007
6.58.9/069
8.55.5/039
8.55.6/041
58.9/069
61.1/085
55.8/044
49.5/002
                                                                                                                                                                                                                                                                                                                                                                                                                                           66.1/001
76.3/08B
70.8/051
68.8/019
72.7/075
68.0/010
75.7/086
68.1/012
72.4/071
67.0/003
                                                                                                                                                                                                                                                                                                                                                                                              8/004
.9/008
.5/008
.2/041
.7/084
.4/057
.9/088
.3/068
.7/080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            63.7/001
70.3/071
65.8/012
70.6/076
67.9/035
67.1/025
68.6/048
70.0/068
66.1/015
66.8/022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60 5/047
58 7/023
58 6/020
54 3/001
62 7/073
63 4/079
63 7/082
63 4/079
61 2/063
56 2/006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .9/054
8/010
6/002
.9/003
1/004
.3/070
.6/059
.0/039
.1/004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3/059
9/026
4/002
7/063
1/019
1/086
2/058
3/069
9/026
4/083
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .9/061
.8/072
.0/073
.4/071
.9/035
.2/009
.8/085
.7/076
.3/051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2/041
8/011
4/001
5/051
5/050
0/035
6/088
                                                                                                                                                                                                                                                                                                                                                                            60
61
65
69
66
70
67
68
62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             50
46
39
50
46
55
51
46
54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              35
37
37
29
32
29
38
37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             21
14
11
27
12
24
22
19
30
12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            44
42
40
44
44
47
45
44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1915
1916
1917
1918
1919
1920
1921
1922
1923
                                                                                                         22 2/073 33.6/069 50.3/086 53.3/017 66. 23.3/077 25.3/017 41.2/019 58.9/069 61. 24.0/080 35.2/081 44.7/051 53.3/017 62. 21.9/072 31.0/057 39.4/007 58.0/062 61. 10.9/008 34.3/075 46.1/063 53.0/013 63. 27.3/087 30.9/055 46.6/068 56.9/051 66. 29.6/089 30.5/055 46.5/066 54.4/027 69. 21.9/072 23.1/006 43.8/040 57.3/057 68. 15.4/027 29.7/050 43.4/035 57.0/053 73. 16.1/031 27.1/030 43.5/037 63.4/088 69.
                                                                                                                                                                                                                                                                                                                                                                                              2/054
8/010
8/016
1/007
5/019
4/057
8/086
3/078
0/089
8/086
                                                                                                                                                                                                                                                                                                                                                                                                                                         69.1/023
70.4/046
68.2/014
70.2/039
70.8/051
72.4/071
73.4/082
71.3/058
72.8/079
72.8/079
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         38.4/001
46.5/020
51.5/071
50.0/057
48.4/040
47.2/027
53.2/078
46.0/017
45.8/014
51.4/070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         69.7/064
68.6/048
64.2/002
68.7/049
67.9/035
70.9/080
68.6/048
69.6/063
67.6/032
67.1/027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         63.7/082
58.1/018
63.2/076
56.8/010
59.1/030
61.5/066
66.5/089
59.1/030
64.9/086
57.9/015
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          32.7/032
29.0/008
32.8/034
36.2/062
29.7/014
36.9/072
40.5/088
30.0/015
30.8/022
38.3/081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3/030
1/021
2/007
9/078
9/044
2/062
6/088
5/032
5/032
3/024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                .3/046
.2/017
.1/039
                                       5 14.7/044
7 15.5/049
8 19.0/070
8 5 6/006
8 8/012
1 23.9/088
2 21.6/080
8 24.7/089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         18
17
14
25
19
23
29
18
18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            44.
43.
44.
42.
45.
48.
44.
              1926
1927
1928
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1926
1927
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .1/039
.8/062
.4/009
.7/080
.9/089
.2/040
.3/071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1929
1929
1930
1931
1932
1933
                1930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1934
                                                                                                                                                                      33.1/067
31.2/060
26.4/024
37.2/086
28.8/046
24.7/014
27.0/028
34.2/074
24.0/008
25.7/020
                                                                                                                                                                                                                                       42.1/025
39.0/006
42.4/028
45.4/054
41.8/023
41.7/022
49.8/084
50.3/086
42.9/030
41.0/018
                                                                                                                                                                                                                                                                                                        51.7/008
61.0/084
57.6/060
55.2/038
60.7/081
54.0/024
60.9/083
54.9/032
53.8/022
59.8/076
                                                              .2/035
.5/009
.9/019
.9/045
.2/078
.2/015
.6/067
.4/073
                                                                                                         23 4/079
2.3/001
16.3/033
22.4/075
13.5/018
20.8/063
17.6/043
19.0/053
19.9/057
                                                                                                                                                                                                                                                                                                                                                                                              .8/010
,3/024
,9/032
.2/041
.8/060
.4/043
.8/060
.0/036
.4/069
.3/068
                                                                                                                                                                                                                                                                                                                                                                                                                                       75.2/084
76.7/089
72.3/068
71.2/054
72.0/066
71.9/064
71.8/061
69.4/029
72.0/066
69.3/027
            1935 13
1936 7
1937 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        69.5/061 59.5/034 47.6/033 29.7/014 71.9/083 63.3/077 45.5/011 30.3/017 73.9/087 61.0/057 45.6/012 31.6/026 71.9/083 61.0/057 54.0/081 33.6/040 68.8/052 63.0/075 48.0/037 36.4/067 67.4/030 62.3/071 52.0/073 30.3/017 69.5/061 62.3/071 52.0/073 30.3/017 69.5/061 62.3/071 52.0/073 30.3/017 68.3/043 57.4/013 49.2/047 33.9/044 69.6/063 56.7/008 48.5/042 30.7/020 69.3/058 60.6/052 49.5/052 37.8/078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       18.9/037
23.5/065
18.1/028
22.0/056
29.1/086
23.7/066
27.7/082
16.6/020
22.7/060
18.9/037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8/029
.0/014
.3/021
.2/085
.8/083
.6/024
.5/087
.8/061
                                                                                                                                                                                                                                                                                                                                                                              61
64
64
65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1935
             1936
1937
1938
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1935
1936
1937
1938
1939
1940
1941
1943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         43
45
45
43
46
43
                                        14.9/045 22
21.2/07B 13
9.2/015 20
18.6/067 17
19.4/073 19
10.9/025 19
26.1/090 20
                                                                                                                                                                                                                                                                                                                                                                          66.
65.
66.
67.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3/018
                                                                                                                                9/065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         45.5/076
                                                                                                                                                                                                                                      44.0/041

48.0/074

41.4/020

48.4/078

45.8/058

36.6/001

41.6/021

47.4/073

40.7/011

45.9/060
                                                                                                                                                                    5 40.1/088
1 40.9/089
8 27.3/034
6 27.4/035
6 29.0/048
1 24.6/011
24.7/014
26.8/027
31.8/064
                                       14 0/039 19.8/055
17 8/062 18.7/051
20.9/077 14.8/023
11.3/027 16.4/035
17.1/057 16.4/035
12.8/030 17.7/044
13.1/032 19.3/054
16.0/052 24.7/081
19.3/072 21.3/068
13.2/035 30.6/090
                                                                                                                                                                                                                                                                                                       50.8/003
53.4/005
51.2/005
55.2/038
58.5/065
54.6/023
59.2/073
55.9/045
56.2/047
51.2/005
                                                                                                                                                                                                                                                                                                                                                                    60 8/004 68 1/012 68 6/048 59 0/027 47 4/030 65 0/036 70 4/044 66 1/015 59 6/037 51 0/065 65 0/036 70 4/044 66 1/015 59 6/037 51 0/065 64 5/027 71 3/058 70 1/069 64 5/084 87 7046 68 9/081 72 6/074 70 6/076 56 8/010 51 6/072 65 2/041 67 1/004 64 4/003 59 8/039 52 6/076 62 4/014 69 0/022 65 8/012 56 6/007 48 5/042 68 4/079 71 4/059 67 3/029 61 4/065 54 3/006 67 8/073 70 4/044 70 4/072 60 6/052 54 5/084 68 0/076 71 1/053 67 6/032 60 2/045 48 0/037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      33.0/036
34.4/052
29.0/008
36.5/070
36.3/063
29.4/011
26.8/004
35.9/061
38.8/085
37.7/076
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     15.6/016
22.3/058
20.6/047
21.3/050
21.9/054
15.0/012
17.8/026
25.1/075
23.8/067
              945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      43.4/022
45.6/079
44.3/045
44.6/054
45.5/075
41.6/005
42.1/005
45.3/072
46.3/086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1945
1946
1947
1948
1949
1951
1951
1953
1954
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0/069
                                                                                                  16.6/037 26.5/026 51.6/088 59.9/078 65.3/042 75.5/085 73.4/085 17.2/040 26.4/024 40.9/014 55.6/041 69.3/082 67.6/007 68.3/043 21.8/070 30.1/052 45.1/053 55.2/038 65.0/036 72.8/079 68.3/043 15.1/024 31.5/063 46.0/062 57.1/055 61.0/006 67.8/008 68.9/054 15.3/026 30.2/053 44.6/048 59.2/073 67.8/073 70.2/039 72.6/084 18.3/026 30.2/053 44.6/048 59.2/073 67.8/073 70.2/039 72.6/084 18.5/050 19.7/001 45.5/055 55.8/044 63.4/018 69.2/025 69.9/067 25.0/083 33.9/073 40.2/099 53.7/021 66.2/054 69.5/031 69.9/067 15.3/026 27.9/039 42.8/029 60.4/080 65.1/037 67.4/006 68.3/043 13.5/018 33.3/068 46.9/071 54.9/082 68.3/078 71.3/058 67.2/028 22.7/076 27.2/031 45.8/058 60.9/083 66.0/052 72.6/074 65.7/010
                                                        3/055
2/054
4/023
7/076
3/021
8/062
0/047
1/026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   50.5/060
54.8/085
47.3/029
51.3/069
44.9/009
49.3/048
50.6/062
51.2/067
58.4/089
47.6/033
         1955
1956
1957
1958
1959
1960
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   61.2/063
57.6/014
58.0/016
60.9/054
61.8/063
61.8/068
60.6/052
57.4/013
61.1/059
58.9/026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      28.1/006
34.3/051
33.6/040
35.9/061
25.9/001
36.5/070
34.1/046
36.5/070
39.1/086
36.7/071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    15.6/016
24.0/06
25.6/077
14.9/011
28.8/085
18.8/030
20.6/047
13.0/006
16.6/020
                                     16
16
10
20
10
17
15
11
6
22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .0/067
.3/047
.4/048
.3/043
.2/042
.8/030
.7/057
.7/025
.5/047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     45
44
44
44
43
44
43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1956
1956
1957
1958
1959
1961
1962
1963
                                                             0/082
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        45.2/070
                                     12.6/029
7.5/009
18.1/064
15.4/048
12.4/028
8.3/010
9.0/013
10.4/023
19.0/070
14.4/041
                                                                                                  14 8/023 21 0/003 42 4/028

18 2/048 34 6/076 41 0/018

12 7/013 31 0/057 44 5/046

16 2/032 37 1/085 47 0/072

20 1/059 24 6/011 46 6/068

17 4/042 25 7/020 44 6/048

17 8/046 27 3/034 44 7/051

13 6/019 27 1/030 41 0/018

13 6/019 27 1/030 41 0/018

17 8/046 29 8/051 45 7/056
                                                                                                                                                                                                                                                                                                  59.2/073 64.6/028
52.1/01! 66.6/058
51.3/006 65.7/047
53.3/017 65.6/046
57.1/055 60.0/001
57.0/053 67.3/068
53.3/068
53.3/068
53.3/068
53.3/068
53.3/068
53.3/068
53.3/068
53.3/068
53.3/068
53.3/068
53.3/068
                                                                                                                                                                                                                                                                                                                                                                                                                                                        .3/016
2/081
9/009
2/025
9/036
9/064
9/002
2/014
.3/040
.9/080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 66 9/023
66.5/018
65.5/009
68.5/044
70.9/080
69.3/058
67.1/027
68.2/038
70.9/080
66.3/016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 28.2/084
20.2/045
23.0/061
19.0/039
21.2/049
19.5/041
22.0/056
15.4/014
18.8/035
24.8/072
        1965
1966
1967
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .4/002
.1/030
.2/031
.6/052
.7/053
.6/052
.0/069
.7/023
.6/037
.6/03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   49.7/055
48.1/038
47.3/029
50.6/062
45.7/013
49.6/053
54.1/082
44.8/008
53.8/079
48.6/043
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 34.2/048
32.6/031
31.6/026
34.3/051
33.7/041
33.2/038
34.2/048
32.4/030
34.6/053
35.2/055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    43.1/015
43.3/020
43.1/016
44.7/056
43.6/023
43.7/026
44.0/036
41.9/003
46.0/084
44.0/033
                                                                                                                                                                                                                                                                                                                                                                                                                                     68
73
67
69
71
66
68
70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      55
59
50
60
62
55
55
55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1966
1967
1968
1969
1970
1971
         1968
      1969
1970
1971
1972
1973
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1973
                                 17.6/060
13.3/036
3.7/002
8.4/011
4.4/003
16.2/054
17.4/058
4.6/004
20.3/074
13.2/035
                                                                                                                                                                                                                                                                                                                      9/078 65

8/030 67

4/089 65

0/062 65

4/019 64

2/073 64

0/033 65

1/079 60

1/011 65

9/***-99
                                                                                              0 18.0/047
26.7/086
21.2/067
10.9/008
8 8.6/004
15.8/028
23.4/079
16.1/079
16.1/079
25.9/085
28.4/088
                                                                                                                                                                24 2/009 38 6/004 59
31 3/061 48 2/077 54
36 9/084 50 4/087 64
27 3/034 43 2/033 58
28 7/044 40 7/011 53
26 4/024 46 5/066 59
35 1/080 48 1/076 55
28 2/040 40 8/013 60
32 8/066 40 8/013 52
24 7/014-99 9/***-99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  51.1/066
43.2/004
47.5/031
47.9/035
46.7/024
44.4/006
45.5/011
49.5/052
48.2/039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                21.2/049
12.3/005
17.2/023
16.3/017
26.2/080
19.3/040
19.8/043
26.9/081
7.5/001
-99.9/***
                                                                                                                                                                                                                                                                                                                                                                                       .9/050
.9/075
.6/046
.2/041
.8/030
.6/046
.6/002
.8/049
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1/067
3/058
4/071
9/020
6/032
9/064
1/037
9/052
2/083
    1975
1976
1977
1978
1979
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .2/056
.9/054
.6/004
.6/059
.5/018
.4/059
.2/038
.7/020
.5/086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .2/006
.3/032
.1/044
.7/082
.2/063
.6/037
.7/023
.9/026
.1/059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .0/079
.4/005
.1/037
.3/029
.4/057
.8/078
.3/029
.3/056
.9/***
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .3/044
.7/027
.8/059
.0/004
.1/037
.4/073
.0/013
.B/060
                                                                                                                                                                                                                                                                                                                                                                                                                                    72
71
72
68
69
71
70
74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    69
68
68
66
68
68
73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   56
59
60
63
61
59
58
61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    38
27
33
32
35
37
32
35
37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    44
43
44
42
44
45
43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1975
1976
1977
1978
1979
1981
1982
1983
1984
  1983
1984
                                                  26.1
 MAX
                                                                                                                   30.6
                                                                                                                                                                                   43.1
                                                                                                                                                                                                                                                                                                                                                                                    73 Q
                                                                                                                                                                                                                                                                                                                                                                                                                                                    76.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   75.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  66.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  58.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   40.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   30.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   48.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MAX
  MIN
                                                                                                                                                                                                                                                    36.6
                                                                                                                                                                                                                                                                                                                   47.7
                                                                                                                                                                                                                                                                                                                                                                                   60.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                   66.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   63.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  38.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   25.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   40 4
                                                                                                                   18.0
                                                                                                                                                                                   29.6
                                                                                                                                                                                                                                                  44 4
                                                                                                                                                                                                                                                                                                                   56.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                    70.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   68.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 49.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   33.8
                                                                                                                       5.2
                                                                                                                                                                                     4.8
                                                                                                                                                                                                                                                      3.4
                                                                                                                                                                                                                                                                                                                       3.3
                                                                                                                                                                                                                                                                                                                                                                                        2.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2.5
                                                          4.6
                                                                                                                       8.6
5TH%
                                                                                                                                                                                21.7
                                                                                                                                                                                                                                                 38.6
                                                                                                                                                                                                                                                                                                                  51.2
                                                                                                                                                                                                                                                                                                                                                                                  60.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                 67.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   64.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  56.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   26.8
951H%
                                                                                                                25.9
                                                                                                                                                                                37.1
                                                                                                                                                                                                                                                  50.3
                                                                                                                                                                                                                                                                                                                 61.1
                                                                                                                                                                                                                                                                                                                                                                                  69.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                   75.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   38 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   28.8
                                                                                                                                                                                   90
                                                              90
                                                                                                                           90
                                                                                                                                                                                                                                                            89
                                                                                                                                                                                                                                                                                                                              89
                                                                                                                                                                                                                                                                                                                                                                                               89
                                                                                                                                                                                                                                                                                                                                                                                                                                                               89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               89
                                                          JAN
                                                                                                                       FFB
                                                                                                                                                                                       MAR
                                                                                                                                                                                                                                                        APR
                                                                                                                                                                                                                                                                                                                         MAY
                                                                                                                                                                                                                                                                                                                                                                                          JUN
                                                                                                                                                                                                                                                                                                                                                                                                                                                        JUL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AUG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NOV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DEC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ANN
```

					TI	EMPERATURI	E (F) FOR	NORTHEAS	T					
1896 1897 1898 1899 1900 1901 1902 1903	22.0/036 22.8/042 24.1/056 22.7/040 25.0/065 23.3/048 21.7/031 23.2/047 15.7/008	24.5/053 26.0/061 27.0/068 20.6/019 23.6/044 18.1/010 22.3/031 26.6/065 17.3/006	MAR 29.9/017 27.5/005 33.7/051 39.8/085 31.1/028 27.5/004 32.2/041 38.6/081 41.7/087 31.2/032	47.9/080 46.0/056 43.1/026 45.8/055 45.3/049 45.7/054 45.6/053 41.8/008	60,7/086 55,7/037 56,6/059 57,4/059 55,4/033 55,9/038 55,6/035 58,5/071 59,4/082	64 .97041 61 .97006 66 .47068 67 .57079 67 .07075 66 .77073 62 .47010 61 .07002 64 .97041	70.47059 71.5/078 71.9/081 70.3/054 71.4/076 73.0/085 68.6/019 68.5/017 68.9/024	68.9/061 66.4/021 70.2/077 68.8/060 71.3/084 69.5/072 65.6/010 63.5/001 66.0/014	59.37024 60.57035 63.47021 64.37085 61.77053 60.87039 61.37047 59.47021	51 2/053 51.5/057 52.1/069 55.5/088 49.9/040 50.0/042 50.6/051 47.4/013	37.9/033 37.9/033 38.3/037 40.5/066 33.1/001 43.3/086 34.8/008 34.4/005	28.7/055 26.8/041 29.7/064 28.6/053 26.5/038 23.7/019 22.2/011 19.9/003	46.9/049 48.2/081 47.0/054 48.0/078 46.3/024 46.5/036 46.5/032 43.9/001	1897 1898 1899 1900 1901 1902 1903 1904
1906 1907 1908 1909 1910 1911	30.6/085 22.8/042 24.4/057 25.5/070 24.5/060 25.7/073 14.8/004	24 4/052 17 4/007 20 6/019 28 5/081 22 8/035 23 3/041 20 8/021	33.0/044 27.9/007 35.0/065 34.4/057 31.2/032 39.2/083 30.4/022 29.4/014 37.9/080	45.5/050 40.5/004 44.4/039 44.1/030 49.4/085 42.9/022 45.3/049	56.2/040 51.2/003 58.2/068 55.4/033 54.8/028 62.4/089 58.1/066	65.1/063 62.6/012 66.4/068 65.9/058 62.5/011 64.8/037 63.2/017	69 4/031 71 9/081 67 8/008 70 8/069 71 5/078 69 9/043	65.9/013 66.8/025 67.5/040 66.9/026 68.5/054 64.9/005	61.6/050 63.3/077 60.1/029 61.3/047 61.8/056 61.6/050	45.9/006 52.4/074 47.6/014 51.8/062 49.3/035 52.1/069	37.5/028 38.5/039 42.3/083 35.5/010 35.9/010 35.9/060 41.4/075	30.4/074 26.7/040 24.7/027 21.1/006 32.7/086 31.5/082	45 0/005 47 3/062 46 7/045 46 7/045 47 4/066 46 0/017 49 0/085	1907 1908 1909 1910 1911 1912 1913
1916 1917 1918 1919 1920 1921 1922	28.1/082 23.0/044 13.2/001 27.2/079 15.2/007 25.7/073 19.9/021	21.1/022 19.9/016 21.7/027 27.4/071 21.4/025 27.1/069 26.2/064	20.2/020 25.9/002 32.4/042 34.5/059 36.3/072 34.1/054 42.0/088 35.2/068 29.4/014	44.7/043 43.6/026 45.1/045 44.2/034 42.6/019 51.3/089 46.1/060	56.8/050 49.5/002 61.3/087 56.6/046 53.8/016 57.4/059 58.9/079	61.5/005 64.0/024 62.3/009 68.2/086 64.4/031 66.5/071 66.7/073	72.07082 70.87069 69.07027 70.77065 67.87008 74.17089 69.47031	69.5/072 69.8/074 65.9/013 69.3/069 66.4/021 67.2/033	57.5/003 56.9/002 61.1/043 62.1/065 65.1/088 62.6/071	50.57050 46.27007 52.17069 52.57075 55.37086 50.37047 50.97052	34,3/004 39,5/053 38,2/036 36,6/019 37,4/027 39,3/050	17.3/001 30.8/078 21.7/007 29.5/063 26.5/038 25.9/033	44 0/002 46 3/026 47 5/067 46 0/020 49 1/086 47 4/065 46 2/023	1917 1918 1919 1920 1921 1922 1923
1926 1927 1928 1929 1930 1931 1932	23.5/050 23.4/049 25.3/069 22.9/043 24.5/060 23.9/054 34.6/090	22.7/033 28.3/079 24.7/054 23.9/047 28.3/079 26.2/064 27.6/073	37.0/076 327.8/006 36.7/075 32.0/039 37.9/080 33.2/045 34.5/059 29.8/016 31.9/037 31.0/026	40.3/003 44.2/034 42.5/018 46.1/060 43.8/029 46.1/060 43.3/025	54.5/023 53.9/018 54.7/025 56.1/039 58.0/064 57.3/057 57.0/051	61.5/005 61.5/005 62.8/015 65.6/052 68.1/083 65.5/049 65.3/046	69.07027 69.47031 70.67062 69.17028 70.17084 72.77084 68.67019	68,47052 64,07002 70,87080 65,67010 67,57040 68,67057 69,57072	61.6/050 58.0/009 62.8/074 64.6/086 64.9/087 62.2/067	53.1/079 51.7/060 48.4/021 49.3/035 53.2/080 52.2/072 49.1/032	42.0/080 39.6/085 38.8/045 40.1/061 45.5/089 36.6/019	29 4/062 31 5/082 26 9/042 27 4/046 32 3/084 30 9/079 24 2/021	47 3/060 47 0/053 47 0/052 47 9/076 49 2/087 48 1/080 47 8/074	1927 1928 1929 1930 1931 1932 1933
1935 1936 1937 1938 1939 1940 1941	20.2/023 20.9/025 31.7/086 23.2/047 23.9/054 15.9/009 21.5/030 22,6/038	23.3/041 17.9/009 28.3/079 27.9/076 27.0/068 24.4/052 23.8/046 22.0/028	35.9/069 39.2/083 29.3/012 36.7/075 30.9/025	43.8/029 42.8/020 44.3/038 47.8/079 42.2/010 41.3/006 50.4/088 48.6/083	52.8/007 58.9/079 58.2/068 55.3/030 58.1/066 56.5/043 57.8/061 60.0/084	65.0/042 65.9/068 66.4/068 66.0/060 66.1/063 64.5/033 66.4/068 66.5/071	72.5/083 69.7/038 71.2/074 70.9/071 70.0/047 70.0/047 71.1/073 69.9/043	69.2/068 69.0/062 72.5/089 71.4/085 71.5/086 66.7/024 66.3/018 67.7/042	58.9/016 62.2/067 60.1/029 58.8/014 61.9/059 59.4/021 62.7/072 61.7/053	50.4/048 50.5/050 48.7/024 52.4/074 50.3/047 46.7/010 52.0/065 51.7/050	41.7/076 34.8/008 38.8/045 40.7/067 35.9/014 38.2/036 41.4/075 39.0/047	22.7/014 30.2/070 26.0/035 29.0/058 28.8/056 29.4/062 30.7/077 23.2/015 23.3/016	46.4/027 46.8/048 48.0/077 48.3/083 47.2/058 45.1/006 47.7/072 47.5/068 46.0/018	1935 1936 1937 1938 1939 1940 1941 1942
1945 1946 1947 1948 1949 1950 1951	16.8/010 24.1/056 27.3/080 17.3/012 29.8/084 31.8/087 26.9/078 26.8/077	25 3/057 23 2/038 22 3/031 21 5/026 29 5/084 23 3/041 27 6/073 27 9/076	43.0/089	49.9/087 44.2/034 44.2/034 46.6/069 46.4/066 42.2/010 46.3/063 47.8/079	53.2/009 55.6/035 55.1/029 54.8/028 57.2/055 56.4/042 57.1/053 54.1/019	64.5/033 64.2/026 63.8/020 63.9/023 69.0/088 64.9/041 64.6/035 67.3/076	69.6/036 68.9/024 70.2/052 70.4/059 73.4/087 68.5/017 69.9/043 73.3/086	68.0/046 65.0/007 71.8/087 69.2/068 70.1/076 67.2/033 67.3/035 68.8/066	63.6/080 62.8/074 62.1/065 61.9/059 58.8/014 57.8/007 60.9/041 61.8/056	48.7/024 53.9/082 56.6/089 48.7/024 54.5/084 52.1/069 52.2/072 47.0/012	39.6/056 42.1/081 36.5/017 44.5/088 37.2/024 40.8/068 34.8/008 40.4/065	22.6/012 29.1/059 24.9/028 30.1/067 30.4/074 26.7/040 28.2/052 30.4/074 33.2/087	47.1/055 48.0/079 47.2/057 46.9/050 49.3/088 46.7/043 47.5/070 48.2/082	1945 1946 1947 1948 1949 1950 1951 1952
1955 1956 1957 1958 1959 1960 1961	22 0/036 25.2/068 17.9/016 24.5/060 21.9/033 24.9/063 17.0/011 22.0/036	26 0/061 27 3/070 29 0/083 19 4/013 22 2/029 28 4/080 26 2/064 21 2/024	33.7/051 29.3/012 34.9/064 34.6/060 31.9/037 25.6/001 34.0/053 33.8/052 34.2/056 34.7/061	48.7/084 42.5/018 47.4/073 47.0/072 46.7/070 48.0/081 42.3/014 45.2/047	59.3/081 52.6/005 56.6/046 53.9/018 59.7/083 57.8/061 53.7/014 57.9/062 54.8/028	64.4/031 65.6/052 68.2/086 60.8/001 65.1/044 65.1/044 64.9/041 65.7/055 65.7/055	74 1/089 67 3/003 68 9/024 70 0/047 71 4/076 67 7/005 69 5/031 66 5/001 70 2/052	71.9/088 67.0/028 65.6/010 67.5/040 71.3/084 68.5/054 68.6/057 67.2/033 65.0/007	60.3/031 57.7/005 62.0/063 60.5/035 64.2/083 61.9/059 67.1/089 57.7/005	51.8/062 51.3/054 49.1/032 49.0/028 51.4/055 48.9/027 52.7/077 49.9/040	37.2/024 39.8/059 41.1/070 40.2/062 38.1/034 41.3/072 40.3/063 36.0/015 42.8/084	21.8/009 31.7/083 32.4/085 19.0/002 30.1/067 22.0/010 27.7/040 23.6/018 20.0/004	47.6/071 46.4/031 47.8/073 45.5/010 47.8/075 46.7/041 47.0/051 45.6/011 45.6/013	1955 1956 1957 1958 1959 1960 1961 1962 1963
1966 1967 1968 1969 1970 1971 1972	21.8/032 28.1/082 17.6/015 22.7/040 14.9/005 17.5/014 24.6/062	24.4/052 19.5/014 19.6/015 24.9/055 23.8/046 25.1/056 21.2/024	30.2/020	42 5/018 44 3/038 48 5/082 46 2/061 45 2/047 42 3/014 41 1/005	52.9/008 49.3/001 53.3/010 55.7/037 58.0/064 54.5/023 57.1/053	65 7/055 67 5/079 63 8/020 65 5/049 64 8/037 66 2/064 62 7/014 67 4/077	70.3/054 69.5/033 70.4/059 68.8/021 70.4/059 68.7/020 69.7/038	68.3/049 67.4/037 67.6/041 69.2/068 69.2/068 67.3/035 66.7/024 71.0/082	58.1/010 59.3/018 62.6/071 61.0/042 62.4/069 64.0/089 61.2/044 60.8/039	50.0/042 52.2/072 49.1/032 52.6/076 55.4/087 45.5/004 51.5/057	41.4/075 35.0/009 37.8/031 39.0/047 40.9/069 37.2/024 35.8/012 39.6/056	28.0/051 29.0/058 24.7/027 25.1/030 24.6/025 30.2/070 28.7/055 30.5/075	46.4/029 45.8/016 46.2/022 46.5/037 46.5/033 46.6/039 45.4/008 48.4/084	1966 1967 1968 1969 1970 1971 1972
1976 1977 1978 1979 1980 1981 1982	17.5/014 13.3/002 19.4/020 22.2/037 23.9/054 15.2/007 14.5/003	29.7/086 24.0/048 16.5/003 14.8/002 20.7/020 31.1/088 23.6/044	31 3/033 36 1/070 39 3/084 29 5/015 37 8/078 31 7/035 33 7/051 32 2/041 36 4/073 27 1/003-	47.5/074 46.5/067 42.9/022 44.6/040 46.1/060 47.8/079 42.3/018	54,4/021 58,8/077 56,7/047 57,3/057 57,2/055 56,8/050 58,4/070	67.9/081 62.7/014 64.4/031 63.9/023 62.3/009 65.6/057 62.1/007	67.4/004 70.0/047 68.5/017 69.9/043 70.2/052 69.8/059 69.6/036 70.8/069	66.6/022 67.8/043 69.1/063 67.1/029 70.5/079 67.0/024 64.6/004 69.6/073	58.6/011 60.9/041 58.7/012 60.0/027 61.3/047 59.2/017 60.4/032 62.4/069	45.6/005 48.3/020 47.7/015 49.1/032 46.8/011 46.3/008 49.8/038	33.7/003 41.3/072 38.6/041 42.9/085 35.6/011 38.6/041 41.8/077 39.7/058	20.6/005 25.4/031 27.7/049 30.6/076 21.8/009 27.4/046 33.6/088 24.2/021	45.5/009 46.5/036 45.0/004 46.7/042 45.7/015 46.5/038 46.1/021 47.3/064	1976 1977 1978 1979 1980 1981 1982
MAX	34 6	31.7	43 1	51.3	62.4	69.1	74.1	72.5	67.1	56.6	45.5	35.2	49.4	MAX
MIN	13.2	12.6	25.6	39.6	49.3	60.8	66.5	63.5	56.9	43.4	33.1	17.3	43.9	MIN
AVE	22.8	23 8	33.3	45.0	56.3	65.1	70.0	68.0	61.1	50.3	38.9	27.0	46.8	AVE
SIDEV	4 5	4 0	3.8	2.5 40.5	2.6 52.0	1.9 61.5	1.5 67.4	2.0 64.6	2.0 57.7	2.6 45.5	2.6 34.3	3.7 20.0	1.1 45.0	STDEV 5TH%
5TH% 95TH%	14.8 30.6	16 9 29.7	27.5 39.8	49.4	52.U 60.1	68.2	73.0	71.4	64.3	45.5 54.7	42.9	32.4	49.0	95TH%
# YRS	90	90	90	89	89	89	89	89	89	89	89	89	89	# YRS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

W645			URE (F) FOR NATION	AL		
1897 52.97039 51 6703 1898 52.87034 52.0704 1899 52.47019 50.9701 1900 54.27080 52.8703 1901 53 37057 51 8703	53 71 5/022 53 6/0 33 71 9/032 52 7/0 33 71 9/032 55 6/0 48 72 8/067 53 3/0 17 73 1/079 56 0/0 38 73 5/085 54 9/0 71 75 1/072 55 2/0 52 70 4/002 53 7/0	02 34 2/058 46 7/0 69 34 0/052 46 4/0 05 29 7/003 47 5/0 78 33 8/048 45 8/0 79 33 9/050 47 8/0 53 32 6/028 46 6/0 59 31 8/017 47 8/0	62 57 9/075 65 9/0 34 58 5/086 66 8/0 27 57 1/056 67 0/0 41 56 5/035 66 5/0 56 57 9/075 67 7/0 52 56 4/032 67 3/0 59 57 7/072 66 2/0	59 71 0/059 58.8/06 66 70 8/052 62 0/07 44 71 3/071 59 8/02 45 70 6/042 60 7/05 85 71 4/074 62 2/08 76 71 2/069 60 6/04 36 69 6/011 59 9/02	24 46 9/006 39 8/0 44 46 9/007 39 3/0 19 49 7/054 39 9/0 14 46 7/004 36 8/0 13 51 0/083 40 6/0 12 50 8/079 39 7/0 19 50 3/067 39 5/0 18 50 8/079 39 4/0 17 48 7/031 38 5/0	48 36.0/053 1895 32 35.8/049 1896 50 36.2/059 1897 02 32.1/002 1898 46 36.0/054 1899 46 36.0/057 1900 38 35.3/034 1901 36 34.8/025 1902
1905 52 2/010 52 9/07 1906 53 0/045 50 8/01 1907 52 8/030 51 0/01 1908 53 4/070 53 2/07 1909 52 8/035 50 6/01 1910 53 7/076 55 4/08 1911 53 3/066 53 2/07 1912 51 5/002 50 3/00 1913 52 8/032 51 4/02 1914 53 1/051 52 3/06	16 / 0.5/003 54.3/0 77 71.3/013 54.7/0 11 72.4/052 55.6/0 89 72.0/035 55.5/0 76 72.2/045 53.4/0 86 72.3/050 54.8/0	29 35 0/073 48 0/0 45 35 3/079 49 8/0 71 29 9/005 46 3/0 67 34 5/067 53 0/0 07 30 9/011 48 6/0 23 32 6/029 44 7/0	61 52.8/001 64.8/0 84 57.1/055 65.6/0 25 54.9/008 66.0/0 89 57.7/071 66.7/0 73 56.9/050 66.7/0 02 56.8/046 65.3/0	02 69.2/006 60.2/03 09.70.1/026 59.9/02 29.70.6/047 59.9/02 56.70.6/047 61.8/07 56.70.9/055 60.6/04	17 48.9/035 41.2/06 66 48.8/032 40.5/06 88 50.7/075 40.4/06 88 50.0/063 40.6/07 6 46.5/003 36.8/00 9 49.2/042 39.1/02	31 37.6/082 1907 59 37.0/075 1908 56 35.2/031 1909 72 37.3/077 1910 03 32.5/003 1911 26 34.5/022 1912
1915 52 8/031 51 3/02 1916 52 2/008 52 0/05 1917 51 4/001 48 8/00 1918 53 3/065 53 3/07 1919 52 9/037 52 2/05 1920 52 3/014 50 2/00 1921 55 1/088 53 9/08 1922 53 4/068 52 1/05 1923 53 0/046 50 7/01 1924 52 0/007 49 9/00	00 /1 7/028 53.4/0 11 71.7/028 54.4/0 19 73.1/078 54.4/0 17 72.8/067 53.9/0 15 71.0/009 54.5/0 14 73.2/080 56.2/0 16 72.8/069 56.1/0 2 71.9/032 54.5/0	09 30.8/008 47.8/01 21 30.9/010 45 1/01 33 34.5/065 48.9/0 20 32.2/023 47.7/01 37 36.4/086 45.1/01 82 33.0/034 50.3/01 84.3/062 47.0/03 35 34.3/062 47.0/03	54 56 1/025 65 6/0 05 53 2/002 64 7/0 75 56 3/027 67 0/0 53 56 9/051 66 7/0 55 54 4/004 66 0/0 86 56 8/043 67 5/0 57 1/055 67 6/0 57 57 0/020 65 9/0	10 69.9/022 59.1/00 01 70 1/025 58.3/00 08 70.6/044 60.4/04 58 71.3/072 60.3/04 075 71.8/083 62.1/08 08 71.7/081 62.3/08 08 71.7/081 62.3/08	7 47 87014 37 4702 2 48 47024 39 3703 5 50 07065 40 2706 2 47 57012 38 0700 1 50 57071 39 6703 4 50 07063 39 6703 4 48 57028 39 6704	04 33 1/005 1916 80 35 0/026 1917 81 36 5/064 1918 96 34 6/023 1919 96 39 4/089 1920 97 35 3/034 1921 98 35 7/047 1922 98 35 3/034 1921 98 35 3/034 1921
1925 53 9/078 54 4/08 1926 53 3/063 51 7/03 1927 53 5/063 51 7/03 1927 53 5/061 52 3/05 1928 52 3/061 52 3/05 1930 53 4/067 52 8/06 1930 53 4/067 52 8/06 1931 54 7/087 51 2/02 1932 53 0/042 51 1/01 1934 55 4/089 55 1/08	17 /2.2/043 54.6/0 16 70 7/007 56.5/0 19 71.3/015 54.8/0 19 72.2/048 53.4/0 19 73.0/076 54.4/0 1 73.6/086 57.4/0 1 73.6/086 53.4/0 1 73.7/087 56.5/0	40 35 3/077 46 5/03 84 33 2/038 48 5/0 84 30 5/007 47 1/0 32 35 5/083 48 9/0 88 36 0/085 46 7/0 88 36 0/085 46 7/0 88 36 0/085 47 3/04 88 36 36 8/089 47 3/04	31 56.8/046 66.6/05 37 56.9/050 66.0/02 39 56.1/026 66.3/04 77 56.5/034 66.1/03 75 58 1/081 66.6/05 33 56.4/030 68.0/06 18 57.2/058 66.5/04 13 56.0/021 67.9/08	54 70.4/037 60.7/05 28 69.6/008 61.7/07 22 69.6/009 60.4/04 33 70.3/030 60.0/03 31 71.5/075 60.0/03 37 72.4/088 63.5/08 36 71.0/061 59.6/02	4 49 3/046 40 9/07 4 51.6/087 40 0/05 5 50 0/063 38 8/02 1 47.8/014 40 1/05 2 48 1/020 40 5/06 7 51 5/086 40 8/07 0 48 0/017 39 1/02 5 50 4/069 42 3/08	77 37.5/079 1926 33 36 1/058 1927 10 34.2/015 1928 16 36.2/061 1929 18 36.9/071 1930 6 36.7/068 1931 77 35.3/038 1932 8 38 7/087 1933
1938 54 4/083 53 4/08 1939 54,4/084 53,5/08	3 74.87085 54.8701 1 72.97071 55.670 2 72.97070 56.1706 3 72.77061 54.870 2 72.17081 55.5708 1 72.17089 55.1705	38 31, 97020 48, 3706 18 35, 17074 45, 9701 11 34, 27059 49, 8708 30 33, 37041 48, 4706 18 35, 47080 47, 3704 57 33, 77046 47, 0703 58 34, 47064 48, 6707	5/ 5/ 9/076 68 5/08 18 57 2/058 67 6/08 18 56 2/050 67 5/07 18 58 2/083 67 7/08 11 56 7/036 67 3/07 17 58 3/085 66 9/06 13 57 3/059 66 1/03	18 72 9/089 61 1/06 271 8/085 60 9/05 8 71 6/078 62 7/08 4 71 7/082 62 1/08 4 71 1/066 61 8/07 5 70 5/038 61 0/06 2 70 2/027 60 3/04	1 48.2/023 38 2/00 8 48.8/034 41 2/08 6 49.6/052 40.2/05 1 49.9/059 39.7/04 8 49.0/041 40.2/06 0 50.5/072 40.5/06 1 50.3/068 40.3/06	9 34.0/012 1936 2 38.0/085 1937 9 36.6/067 1938 5 35.7/047 1939 0 36.7/070 1940 7 36.0/053 1941 3 35.8/049 1942
1945 53.0/040 52.6/061 1946 54.2/081 54.7/08 1947 53.1/052 51.3/022 1948 52.8/036 52.1/052 1949 53.3/059 52.8/071 1950 52.6/025 50.3/001 1951 52.4/015 51.0/011 1952 53.5/075 51.3/024 1953 54.6/086 51.9/044	7 /2 0/034 54.5/03 2 72 0/037 55.8/03 2 72 2/047 55.0/05 0 72 7/061 55.7/05 6 70 6/005 55.2/06 7 71.6/025 53.4/00 4 73.5/083 54.3/02	35 34.6/069 52.1/08 36 31.3/026 46.3/02 36 31.6/016 47.4/04 44 34.6/069 47.8/05 00 34.0/053 45.2/00 17 34.3/063 45.6/01 15 36.6/087 46.2/02	18 57.8/073 65 9/02 14 56.8/043 67.5/08 17 58.0/077 66.6/04 16 58.1/081 66.9/06 18 55.3/011 65.9/02 18 55.3/012 67.2/07	4 70 3/033 60 0/03 70 9/054 63 8/08' 9 70 9/057 60 8/05' 1 70 7/049 60 1/03' 2 69 1/005 61 7/07' 5 70 0/023 60 2/03' 3 71 8/084 60 6/04'	1 48,9/039 39,9/05 34,9/0755 38.6/01 5 48,9/038 39.0/02 3 51,2/084 40,2/05 3 50,6/073 39.3/02 4 47,5/011 39,2/02 3 47,5/011 39,2/02	1 36.0/055 1946 4 34.3/016 1947 3 34.3/017 1948 9 36.0/056 1949 9 35.5/042 1950 8 35.6/043 1951 0 38.8/088 1952
1958 53.1/050 51.4/027 1959 53.3/060 52.6/064 1960 52.6/022 50.5/008 1961 53.0/043 51.5/029	5 /2.5/05/ 55.1/05 1 /2.4/053 53.3/00 7 /2.1/040 55.7/07 4 /3.1/078 53.5/01 8 /2.5/05/ 55.8/07 8 /2.6/058 53.8/01 1 /1.4/020 55.6/06 8 /2.2/045 57.7/08	18 35,2/075 46,4/02 5 34,8/071 47,4/04 3 32,8/031 45,3/01 0 33,3/042 47,9/06 7 33,8/048 45,6/01 7 32,3/026 47,3/04 9 31,8/015,49,0/07	7 56 8/043 67 3/07 5 56 4/029 66 0/02 0 57 5/068 67 1/07 0 57 4/063 66 9/06 4 54 8/007 66 2/03 0 58 1/082 66 6/05 6 57 5/047 47	5 70.9/057 61.8/077 7 70.6/045 59.0/006 0 70.7/048 61.3/06; 2 71.2/069 60.1/033 0 71.3/071 61.6/072 4 70.5/041 59.7/021 3 69.8/018 61.2/065	5 49.7/053 40.4/064 47.3/008 39.5/03 50.3/067 39.8/04 47.4/009 38.5/01 50.0/065 40.0/05 48.5/027 38.5/01 50.8/081 39.7/044	4 37 0/076 1956 7 35 9/051 1957 7 35 3/037 1958 2 34 3/018 1959 36 5/064 1960 1 34 0/011 1961 4 35 1/030 1962
1968 52.3/013 51.9/047	1 72 1/039 54 5/04 5 71 2/011 54 3/02 7 71 4/020 54 3/02 0 72 2/047 53 8/01 1 72 8/069 53 8/01 0 72 0/037 54 7/04 1 71 4/020 52 9/00	1 33 9/051 47.6/05 5 32 4/027 48 5/07 7 31.8/018 48.3/06 7 33.0/035 45.5/01 5 33 2/037 45.2/00/ 4 33.5/044 46.2/02/ 3 32.0/021 48.5/07	1 56 1/025 66 1/03 1 55 4/013 65 4/00 7 55 5/016 65 7/01 1 58 1/081 66 3/04 8 56 4/029 66 6/04 2 55 4/014 66 1/03 1 56 7/040 65 7/01	0 70.4/037 59.6/020 7 69.6/014 60.0/031 1 69.8/017 60.3/039 2 70.8/052 59.3/010 7 71.0/061 59.4/013 1 70.3/029 60.6/051 3 69.9/021 59.3/011	49.2/044 40.5/070 48.9/038 39.4/034 49.0/041 38.1/034 47.4/010 38.7/017 47.9/015 39.0/025 49.4/047 40.0/055 46.7/005 38.6/015	0 36.6/067 1966 35.4/041 1967 8 33.1/006 1968 7 34.7/024 1969 5 35.1/029 1970 6 36.4/062 1971 6 35.3/039 1972
1975 52 4/017 49 7/002 1976 52 4/016 52 1/056 1977 53 4/071 54 0/085 1978 51 9/004 51 9/047 1979 51 8/003 51 5/028 1980 53 3/058 51 4/026 1981 54 0/079 53 4/080 1982 52 2/009 51 5/031 1983 52 7/028 50 1/004	72.9/072 55.3/06 72.3/049 54.8/05 71.4/017 54.7/04 73.2/081 54.7/04 72.8/064 55.0/05	1 29.9/004 49.6/08 0 27 5/001 47.5/04 4 34.1/056 47.2/04(2 35.5/082 46.4/030 5 31.6/015 50.0/085	55.57034 64.97003 1.58.87088 67.27072 3.56.77040 66.67045 0.55.77017 66.27038 0.56.87046 66.97063 5.58.17081 66.27038	8 69.6/013 58.0/001 2 71.4/074 60.9/056 8 70.9/053 61.0/060 8 70.3/028 61.5/070 8 71.6/080 60.3/041 8 71.0/063 59.6/017	45.3/001 38.6/014 49.5/049 38.1/008 48.9/038 36.5/001 48.6/030 39.4/033 48.5/027 41.7/085 49.6/050 38.9/022	34.2/015 1976 33.0/004 1977 31.4/001 1978 35.7/047 1979 37.6/081 1980
MAX 55.4 55.4	74.8 57.7	36.8 53.0	60.4 68.6	72.9 63.8	52.9 42.3	39.4 MAX
MIN 51.4 48.8	70.0 51.9	27.5 43.8	52.8 64.7	68.7 58.0	45.3 36.5	31.4 MIN
AVE 53.1 52.0	72.2 54.8	33.3 47.4	56.7 66.5	70.6 60.6	49.2 39.7	35 6 AVE
STDEV .8 1.2 5TH% 51.9 50.1	.9 1.0 70.6 53.3	1.8 1.6 29.9 45.1	1.3 ,8 54.4 &5.1	.9 1.2 68.9 58.8	1.4 11	1.5 SIDEV
95TH% 54.5 54.0	73.5 56.5	36.0 50.0	58.3 67.7	71.8 62.6	46 7 37.4 51.4 41 3	33.0 5TH% 38.0 95TH%
# YRS 89 89	89 89	89 89	89 89	89 89	89 88	89 # YRS
JAN-DEC MAR-MAY	JUN-AUG SEP-NOV	DEC-FEB MAR-APR	APR-MAY MAY-OCT	JUN-SEP SEP-OCT	OCT-NOV NOV-APR	DEC-MAR

TEMPERATURE (F) FOR WEST	
1901 54.8/028 52.3/038 70.8/034 56.3/037 40.2/045 49.0/037 54.7/024 65.1/012 1902 54.2/018 50.7/010 70.5/022 55.7/023 37.4/013 47.2/014 54.4/018 65.3/015 1903 54.0/010 51.5/022 70.1/013 57.1/057 39.5/032 47.6/021 54.8/026 65.4/018 1904 54.9/034 52.5/042 70.8/032 56.6/047 41.9/073 48.7/032 55.9/046 65.7/030	69 3/023 61 1/032 51 7/034 45 8/076 43 5/075 1904 68 9/073 61 1/032 51 7/041 45 8/076 43 5/075 1904 69 3/030 58 9/08 8/08 8/08 8/08 8/08 8/08 8/08 8/0
1905 54.5/023 52.5/043 70.7/030 54.8/013 39.6/034 50.7/065 54.5/022 64.6/008 1906 55.2/051 51.8/026 71.6/052 56.0/032 41.5/069 49.0/037 55.0/029 65.9/035 1907 54.8/025 52.1/033 68.5/001 56.5/034 41.4/066 49.3/043 56.0/048 64.2/003 1908 55.1/046 53.0/051 72.6/073 55.6/021 39.7/038 51.5/073 55.9/045 65.7/028 1909 54.9/031 52.5/042 71.2/042 56.5/040 35.7/004 49.4/045 56.5/055 65.8/034 1910 55.6/065 56.7/087 71.2/041 56.8/050 39.3/030 53.5/087 59.7/085 66.5/060 1911 53.5/001 52.2/034 70.4/018 53.9/002 39.8/039 50.1/059 53.8/011 64.0/002 1912 53.6/002 50.2/006 69.5/006 54.1/006 37.5/015 46.1/005 53.5/007 63.7/001 1913 53.7/004 51.2/017 69.4/005 56.5/060 54.1/006 37.5/015 46.1/005 53.5/007 63.7/001 1913 53.7/004 51.2/017 69.4/005 56.8/034 41.0/058 47.3/017 54.8/025 65.1/011 1914 56.0/073 55.8/083 71.2/039 56.8/054 41.0/058 37.3/017 54.8/025 65.1/011	67.2/002 61.2/034 53.0/066 45.7/075 42.8/0668 1907 71.1/078 60.1/018 50.1/023 44.1/042 40.9/029 1908 70.0/039 61.4/040 51.6/040 43.4/027 39.4/014 1909 69.6/032 61.2/034 52.8/062 44.4/047 41.7/041 1910 68.3/005 58.3/004 49.7/015 42.7/017 40.7/026 1911 67.9/003 57.8/001 49.7/014 42.3/013 39.2/011 1912 68.6/008 61.8/051 51.9/047 45.9/077 43.6/078 1913 69.5/023 60.8/027 53.2/069 44.7/056 41.2/036 1914
1915 55.5/060 53.5/063 71 8/058 56.5/042 39.6/036 51.8/076 55.7/042 65.9/037 1916 54.2/017 54.6/074 70 2/014 53.7/001 36.3/006 53.3/086 56.6/056 64.3/005 1917 55.6/062 49.8/004 73.7/086 59.3/089 42.4/078 46.6/007 53.6/008 67 6/082 1918 56.5/083 53.4/057 74 6/089 58 2/079 39.1/027 50.8/066 56.2/053 68.5/089 1919 55.4/054 54.5/072 72.7/077 54 7/012 41.3/063 50.2/060 59.2/082 68.5/089 1919 55.4/054 54.5/072 72.7/077 54 7/012 41.3/063 50.2/060 59.2/082 68.7/066 1920 54.5/022 51.9/029 70.6/027 54.2/007 40.4/049 48.1/025 55.6/040 64.8/009 1921 55.9/069 52.8/047 71.9/059 57.5/066 37.2/099 50.7/065 54.3/017 66.1/046 1922 54.2/014 50.8/012 72.5/069 56.6/046 40.1/043 46.0/004 54.9/028 67.3/076 1923 55.6/038 53.4/059 69.8/088 57.5/065 41.1/059 49.8/054 56.5/055 65.5/022 1924 55.6/038 54.5/072 71.4/047 56.1/034 40.9/055 49.8/054 59.4/084 66.7/067	72.2/086 64.1/085 55.2/087 46.5/080 43.7/079 1917 73.2/089 64.4/087 52.8/083 43.9/033 40.6/025 1918 71.1/078 59.4/012 48.9/006 44.2/045 42.1/051 1919 69.1/015 58.6/005 48.9/005 44.6/051 42.8/065 1920 70.2/048 62.0/057 53.8/079 42.0/008 38.5/006 1921 71.9/085 63.1/075 49.8/017 43.9/031 41.9/045 1922 69.3/019 61.4/040 52.3/052 45.2/068 41.9/046 1923 70.2/050 60.7/026 50.9/031 45.3/070 42.8/066 1924
1925 56.0/075 54 9/076 71 6/050 54 9/016 41.7/071 51.3/069 58.0/073 65.9/041 1926 57.0/087 57.0/088 72 8/078 57.7/071 40.9/056 54 8/088 59.8/087 67.0/073 1927 55.5/058 52.6/046 71.7/055 57.0/054 40.9/056 54 8/088 59.8/087 67.0/073 1928 56.0/074 55.7/082 71.2/039 56.9/053 37.7/016 51.5/073 58.3/075 66.9/074 1928 55.9/072 52.9/049 72.7/077 57.7/068 43.3/086 48.4/029 55.9/045 66.9/072 1930 55.9/071 54.4/069 72.7/077 57.7/068 43.3/086 48.4/029 55.9/045 65.9/039 1931 56.1/077 56.1/087 57.3/087 54.7/070 36.0/055 52.3/081 59.8/059 65.9/039 1931 56.1/077 56.1/087 57.3/087 54.7/010 36.0/055 52.3/081 59.8/086 67.8/086 1932 54.3/020 52.8/048 70.7/030 58.5/081 33.8/002 49.8/054 55.3/034 66.0/042 1933 54.7/024 50.6/008 72.6/071 58.8/087 43.7/088 48.9/034 52.5/004 66.6/064 1934 58.2/089 59.5/089 71.7/057 58.3/080 41.2/062 57.3/089 61.6/089 67.5/081	70.9/032 60.7/025 53.8/079 45.5/072 42.7/064 1927 70.2/047 62.0/057 51.8/045 42.8/019 40.0/020 1928 70.9/065 62.4/064 53.8/080 47.4/087 44.9/087 1929 70.6/065 62.4/064 53.8/080 47.4/087 44.9/087 1929 71.3/081 60.8/030 49.9/019 41.6/050 39.0/010 1931 70.2/050 62.5/065 53.4/071 41.6/004 37.0/002 1932 70.9/067 63.9/083 55.3/089 49.0/088 46.6/089 1933 70.6/061 63.0/073 53.9/082 44.7/054 41.7/042 1934
1935 55.1/043 51.4/021 72.2/067 55.8/026 41.0/057 47.8/024 55.5/038.66.5/062 1936 56.6/084 55.7/081 73.2/083 57.1/056 34.0/003 52.3/082 59.1/081 67.7/084 1937 55.0/041 53.2/056 72.6/073 58.8/086 41.8/072 48.7/033 56.7/058 67.9/087 1938 55.2/049 51.9/027 71.6/054 55.8/027 39.2/029 48.1/026 56.0/047 66.5/059 1939 56.1/080 55.1/077 72.1/066 57.4/062 43.3/086 52.0/077 58.9/079 66.8/071 1940 56.8/086 55.9/084 73.1/082 55.8/026 42.8/083 51.8/076 59.1/081 67.6/083 1941 55.0/042 53.0/052 69.9/011 54.9/016 39.6/036 48.9/035 55.4/036 64.5/007 1942 55.1/046 51.3/018 72.1/064 57.2/060 42.2/075 48.5/031 54.3/017 66.1/047 1943 56.1/079 55.1/078 69.6/007 58.1/078 38.6/022 52.3/081 58.4/076 66.1/047 1943 56.1/079 55.1/078 09.6/007 58.1/078 38.6/022 52.3/081 58.4/076 66.1/045 1944 53.7/005 51.4/020 68.7/002 56.6/046 40.3/047 47.3/1018 54.5/022 65.4/016	71. 5/084 63.7/081 53.9/082 45.1/064 42.2/055 1937 71. 0/071 62.3/062 49.3/009 44.0/040 41.2/036 1938 70. 8/064 61.5/042 52.8/061 47.1/085 44.8/086 1939 70. 9/070 61.3/035 51.4/038 45.2/066 44.1/083 1940 68.0/004 58.1/002 51.1/035 44.0/039 41.0/032 1941 70.5/060 61.9/055 52.9/064 46.5/081 43.8/080 1942
1945 54.8/030 51.0/014 71.2/041 57.0/055 39.1/028 47.1/012 55.1/031 66.3/052 1946 54.9/033 54.0/067 71.7/057 54.0/003 41.5/068 51.0/068 57.7/069 65.6/026 1947 55.6/026 66.1/086 69.9/011 56.2/035 39.6/034 52.1/078 59.3/083 66.7/066 1948 53.7/063 50.0/005 70.1/012 56.0/035 32.1/001 46.1/006 54.1/014 65.2/013 1949 54.1/011 53.6/064 71.1/037 58.5/083 38.8/024 50.5/062 58.0/073 66.0/044 1950 56.2/081 53.5/062 71.4/046 58.7/085 42.2/076 50.6/063 57.0/063 66.4/058 1951 55.2/050 53.4/061 71.3/043 56.8/049 37.4/013 50.0/57 57.3/065 66.4/057 1952 54.8/027 52.3/036 70.7/030 57.8/074 42.5/079 47.4/020 57.9/070 67.4/078 1953 55.7/068 51.0/015 67.0/075 70.6/024 58.5/082 42.2/074 49.3/043 53.1/005 65.4/017 1953 55.7/068 51.0/015 70.6/024 58.5/082 42.2/074 49.3/043 53.1/005 65.4/017 1954 56.1/076 54.8/075 70.4/020 57.4/063 36.5/007 50.4/061 60.1/088 66.3/054	70. 4/053 53.0007 4 50.0022 42.3/012 40.1/021 1947 69.2/016 61.8/053 50.8/028 40.3/001 35.2/001 1948 69.2/016 61.7/047 53.6/076 45.0/063 40.8/027 1949 69.9/038 62.6/069 55.3/089 46.3/079 43.1/072 1950 70.6/062 62.2/060 50.9/031 42.2/010 38.3/005 1951 70.2/047 65.1/089 52.5/058 44.9/059 43.6/076 1952 70.2/047 65.1/089 52.5/058 44.9/059 43.6/076 1952 70.2/051 63.2/076 53.1/067 46.1/078 42.7/063 1953
1955 54.2/017 51.0/016 71.0/035 57.1/059 40.4/050 47.3/017 53.8/009 66.2/050 1956 55.0/039 53 1/054 70.6/024 56.5/042 40.1/043 49.6/048 56.1/051 65.9/038 1957 54.9/032 52.6/045 71.6/052 54.8/014 42.7/081 50.1/059 54.9/022 65.6/024 1958 56.8/085 52.4/040 72 0/062 58 7/084 42.8/082 46.9/010 57.3/067 68.0/088 1959 56.4/082 54.6/074 73 1/082 57.1/059 38.6/023 53.1/084 57.3/065 66.7/070 1960 55.7/067 54.0/068 73.4/084 56.9/052 41.4/066 51.5/074 56.2/052 67.4/077 1961 55.4/053 52.4/040 73.7/086 54.5/082 41.4/066 51.5/074 56.2/052 67.4/077 1961 55.4/053 52.4/040 73.7/086 54.5/080 38.4/019 49.7/051 55.6/039 66.4/056 51.5/021 1963 54.8/026 50.9/013 68.8/003 58.8/073 42.3/077 49.7/049 56.8/060 65.5/021 1963 54.8/026 50.9/013 68.8/003 58.1/076 38.5/020 46.0/004 53.9/007 50.2/007 70.3/016 55.9/030 41.4/067 46.8/009 53.8/010 65.5/023	70.51058 60.51023 48.77004 44.27044 42.57061 1757 71. 0/072 64.37086 54.07083 47.07084 44.47084 1958 70.97068 61.77049 53.57075 44.57049 41.47039 1959 72.27087 62.67068 51.07034 44.97058 42.67060 1950
1965 54.2/013 51.4/020 68.9/004 56.6/046 37.3/010 48.5/031 54.3/015 64.2/004 1966 55.4/057 55.2/079 71.3/045 57.2/061 40.7/053 51.3/071 58.9/079 66.7/070 1967 55.0/040 49.7/003 72.0/062 59.0/088 40.1/041 44.9/002 51.4/002 67.0/074 1968 55.1/044 52.9/050 70.8/034 66.4/038 38.2/018 49.8/054 55.3/034 65.8/031 1969 55.2/048 53.1/053 71.6/053 56.4/038 38.2/018 49.8/054 55.3/034 65.8/031 1969 55.2/048 53.1/053 71.6/053 56.3/037 42.6/080 48.2/028 57.7/069 66.6/063 1970 55.3/052 51.9/028 72.6/070 55.6/022 39.7/037 47.3/017 54.5/022 66.3/053 1971 53.9/008 50.8/012 72.1/055 54.1/006 37.4/014 52.3/081 56.6/057 66.2/049 1973 55.0/037 52.6/045 72.2/068 54.1/006 37.4/014 52.3/081 56.6/057 66.2/049 1973 55.4/057 53.2/056 72.1/063 57.7/069 38.9/026 49.5/047 55.8/043 67.2/075	70.1/045 61.8/054 52.5/058 43.3/025 42.0/048 1966 71.1/045 63.5/080 54.3/085 44.9/061 42.1/051 1967 69.7/033 61.4/040 51.5/039 42.8/020 39.6/017 1968 70.9/067 60.8/030 50.0/022 44.9/060 43.6/078 1969 70.5/059 59.4/012 51.3/037 43.9/034 41.2/038 1970 70.3/054 58.9/007 48.6/003 43.8/030 41.6/040 1971 70.3/054 59.5/013 49.2/007 41.7/006 38.8/009 1972 70.3/052 60.7/025 50.8/029 43.9/035 41.8/043 1973
1975 53.9/006 49.2/001 70.3/017 55.9/029 41.7/070 44.5/001 51.8/003 65.4/020 1976 55.2/047 52.2/035 69.8/009 57.6/067 40.7/053 47.2/013 56.1/049 65.8/033 1977 55.9/070 50.6/009 73.0/079 57.8/067 40.7/053 47.2/013 56.1/049 65.8/031 1978 55.4/055 53.7/066 71.5/049 56.5/039 36.9/008 50.9/067 55.2/032 66.5/061 1979 55.6/063 53.7/066 71.5/049 56.5/039 36.9/008 50.9/067 55.2/032 66.5/061 1980 56.1/078 52.0/030 70.6/026 57.7/071 44.1/087 49.8/055 56.9/061 67.5/080 1980 56.1/078 52.0/030 70.6/026 57.7/071 44.1/089 49.4/044 55.4/035 65.6/026 1981 57.5/088 54.4/070 74.1/088 57.5/0664 41.1/061 51.3/071 58.2/074 67.7/085 1982 54.2/017 52.0/031 70.6/026 54.7/012 41.4/066 47.8/024 55.5/037 65.4/020 1983 55.5/061 51.7/025 70.3/015 58.0/075 41.1/061 51.3/022 54.0/013 66.3/055 1984-99.9/***-99.9/**-99.9/***-99	71.2/079 62.5/066 53.7/077 46.6/082 45.0/088 197/ 69.7/034 62.6/070 52.5/058 42.4/014 39.4/015 1978 71.0/073 64.8/088 52.0/048 45.6/074 43.8/081 1979 69.5/024 62.3/062 53.4/073 47.2/086 44.8/085 1980 72.8/088 61.5/041 51.8/043 44.7/056 42.1/053 1981 69.2/017 60.3/019 49.5/011 43.9/032 42.8/068 1982 69.9/038 63.8/0802 52.6/059-99.9/*** 43.1/071 1983
MAX 58.2 59.5 74.6 59.3 44.1 57.3 61.6 68.5	73.2 65.1 55.3 49.0 46.6 MAX
MIN 53 5 49.2 68.5 53.7 32.1 44.5 50.8 63.7	67.0 57.8 47.8 40.3 35.2 MIN
AVE 55.2 52.9 71.4 56.5 39.9 49.5 56.1 66.1	70 1 61.5 517 44 2 41.6 AVE
STDEV 9 1.9 1.3 1.4 2.3 2.3 2.1 1.0 5TH% 53.7 49.8 68.9 54.1 35.7 46.0 52.5 64.2	1.1 1.6 1.8 1.6 2.0 STDEV 68 0 58.3 48.7 41.6 37.8 5TH%
95TH% 56 8 56.1 73 7 58.7 43.3 53.1 59.7 67.7	71.9 64.1 54.3 47.0 44.8 95TH%
YRS 89 89 89 89 89 89 89 89 89 89 89 89 89	89 89 89 88 89 # YRS JUN-SEP SEP-OCT OCT-NOV NOV-APR DEC-MAR
JAM DEC HAN GAT JOH AUG JEC HOT DECTED HARTACK ACKTRAL MAITUUL	SON SET SET OUT OCT NOT NOT AFT DECTHAN

```
YEAR JAN-DEC 1895 46.2/014 1896 46.2/014 1897 47.2/052 1898 46.7/035 1899 46.3/022 1900 48.5/084 1901 47.7/070 1902 47.1/048 1903 46.3/019 1904 48.1/077
                                                                                                 MAR-MAY
45.4/040
42.6/004
46.3/060
45.6/043
43.4/068
48.9/085
46.4/063
45.2/038
44.5/020
45.9/053
                                                                                                                                                                 JUN-AUG SEP-NOV DEC-FEB MAR-APR 62 3/012 46.5/015 33.1/073 42.1/045 65.0/079 45.2/003 33.0/071 39.8/011 63.2/028 47.6/038 31.8/056 40.3/017 46.6/069 46.6/018 29.4/027 42.0/042 61.1/002 49.7/080 33.5/076 40.7/021 63.3/034 47.0/026 32.9/069 46.1/085 63.1/025 49.6/079 33.0/070 41.8/039 62.2/010 48.4/051 29.6/030 41.3/031 63.1/027 47.7/041 31.5/052 40.5/019 63.7/044 50.8/088 31.5/051 42.2/048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MAY-OCT JUN-SEP
56.97007 60.07002
57.87025 62.67055
58.67057 61.47020
58.47047 62.87066
57.97031 60.87006
57.97031 61.37015
58.67055 60.87008
57.87017 61.07012
59.07068 62.67058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEP-0C1
51.4/011
51.8/020
52.1/024
52.0/023
52.8/042
51.4/012
53.5/054
53.7/058
52.3/028
54.8/075
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0CT~N0V
43 2/044
40 2/005
43 3/046
41 1/075
42 7/035
47 3/065
44 3/06
44 3/06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NOV-APR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DEC-MAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DEC-MAR
34.1/067
33.0/053
32.8/047
31.4/026
36.3/084
34.6/073
34.1/067
31.6/028
32.7/046
                                                                                                                                                                                                                                                                                                                                                                                                                               APR-MAY
49 3/045
45.3/042
53.0/086
50.4/061
46.5/004
51.0/072
49.7/041
47.9/022
50.7/066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     V-APR
.0/048
.3/034
.3/055
.2/018
.4/086
.7/065
.2/076
6/024
.2/053
.1/082
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   T-NOV
2/044
2/005
3/046
1/014
7/075
7/033
3/089
2/065
3/067
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  36
35
36
34
39
36
37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1898
1899
1900
1901
1902
1903
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4/071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1904
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               32.3/035
34.0/063
34.0/064
33.3/058
30.6/015
32.9/049
32.4/038
29.3/009
34.6/072
32.6/044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               62.9/070 51.4/011 40.8/011
63.1/074 54.7/074 43 8/054
60.7/005 55.3/078 46.5/088
61.5/021 52.0/023 43.3/048
61.9/036 53.8/064 44.3/068
61.9/037 53.8/064 44.9/076
61.1/013 50.7/008 41.3/016
60.3/003 49.3/001 42.0/026
61.8/033 51.6/014 42.9/039
61.8/033 52.9/043 44.6/073
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 57 9/031
59 3/073
58 4/049
56 9/005
57 8/023
59 0/068
56 9/006
56 6/003
57 9/031
58 8/061
                                                                                                                                                                 64.4/062.46
64.6/069.48
61.9/006.50
62.8/019.48
62.9/022.49
63.5/039.49
63.4/036.45
62.4/016.46
63.4/036.47
63.4/036.45
                                                                                                                                                                                                                                                       7/020 31 3/049 45 8/084 49 8/054 8/062 32 4/065 42 3/053 50 8/069 1/083 32 6/067 42 5/057 50 1/058 0/044 30 9/043 42 7/060 47 8/021 1/069 26 0/006 42 1/047 46 8/011 0/067 30 1/034 47 4/087 53 2/087 7/007 31 1/047 42 7/062 47 2/015 0/010 27 3/012 40 9/025 49 4/047 7/040 31 9/061 40 8/024 50 1/057 3/048 29 1/023 45 2/081 51 7/077
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                36.0/048
36.5/062
37.1/075
36.2/051
35.4/036
35.8/042
25.1/030
33.8/012
37.6/079
36.8/067
                                 47.3/056
48.0/076
47.6/066
46.7/031
46.6/027
47.9/073
45.8/007
45.8/007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1905
1906
1907
                                                                                                                      6/075
7/048
4/063
7/022
8/025
2/088
1/034
     1905
                                                                                                 47
46
44
44
50
45
      1905
1906
1907
1908
1909
1910
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1908
1909
1910
1911
1912
1913
     1913 45.8/007
1914 47.7/06B
                                                                                                                        2/036
                                                                                                  48.6/082
                                                                                                                                                                 64.0/054 47.6/038 28.1/015 47.1/086 51 4/075 58.4/046 62.1/041 53.1/047 43.3/046 62.1/009 45.6/006 26.9/008 44.0/074 48.2/024 56.5/002 61.0/011 51.8/018 39.7/003 64.8/074 50.7/086 35.1/088 37.2/002 46.9/013 59.2/071 63.4/080 54.8/076 46.4/085 65.0/078 49.5/075 30.6/040 43.2/069 48.5/032 59.6/079 64.0/084 55.7/083 43.7/053 64.3/061 45.2/004 28.9/020 42.8/063 50.2/059 57.8/022 62.6/056 50.2/005 39.2/001 64.1/056 46.9/022 32.1/062 40.3/016 46.6/006 57.7/020 62.3/050 51.7/015 41.8/024 64.5/066 48.3/046 26.2/007 42.3/055 48.6/033 58.6/056 61.9/036 52.4/036 45.4/079 66.1/085 48.7/060 29.3/026 38.4/004 47.4/018 60.2/086 64.5/088 55.3/080 43.1/041 64.2/059 49.3/071 31.8/057 42.0/042 49.8/054 58.9/065 63.1/075 53.9/065 44.0/062 64.1/055 48.0/042 31.4/050 41.8/038 52.2/080 59.5/078 62.6/054 53.4/051 42.8/036
    1915 48.0/075 48.7/088
1916 45.0/002 45.7/048
1917 47.1/049 41.8/002
1918 48.1/079 45.8/050
1919 46.0/010 46.3/059
1920 46.7/033 43.7/012
1921 47.5/063 46.0/054
1922 45.8/008 43.1/006
1923 47.3/059 45.7/048
1924 47.2/054 47.2/072
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                34.8/027
31.4/001
39.0/084
35.7/041
33.8/011
36.4/057
32.5/006
34.5/021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   31
28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3/021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              34. 8/027 31. 3/021
31. 4/001 28. 0/002
39. 0/084 36. 4/086
35. 7/041 32. 6/041
33. 8/011 31. 2/020
36. 4/057 34. 2/068
32. 5/006 28. 3/004
34. 5/021 31. 4/026
36. 5/062 33. 2/057
36. 7/066 33. 8/061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1916
1917
1918
1919
1920
1921
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1924
  1925 49.1/085 48.5/081 64.8/075 47.7/039 34.8/086 44.7/078 52.3/084 59.3/073 62 9/071 52.4/036 42.8/036 1926 49.4/088 50.1/087 66.3/087 48.2/045 31.1/048 47.9/088 53.3/088 59.4/076 63.0/073 51.6/013 45.7/080 1927 46.8/040 44.3/019 64.5/066 48.6/056 29.6/029 41.4/032 47.4/017 58.1/037 62.3/046 52.3/031 45.1/078 1928 47.6/067 47.9/078 64.0/054 48.4/051 24.5/002 42.9/066 51.1/073 59.5/077 62.6/056 53.6/056 43.4/051 1929 46.1/012 45.3/039 64.6/070 47.4/032 29.8/032 41.3/031 48.3/026 58.9/064 62.5/052 53.2/048 42.9/039 1930 46.4/023 47.6/074 64.5/066 46.6/077 30.4/037 30.5/037 59.5/070 58.2/041 63.0/072 52.3/028 40.7/010 1931 47.6/065 47.8/076 65.5/081 46.4/013 27.1/010 43.4/072 51.9/078 59.8/082 63.4/079 52.8/040 41.0/013 1932 46.2/013 45.8/050 63.3/032 49.3/022 25.7/005 42.2/049 49.5/048 58.3/043 62.1/043 53.5/054 44.7/074 1933 46.8/042 43.7/011 64.9/077 48.9/066 37.8/089 41.2/027 46.8/010 58.4/049 62.5/052 53.5/052 45.8/081 1934 50.8/089 52.5/089 52.5/089 64.8/076 49.8/081 31.6/053 49.8/089 55.5/089 59.9/083 62.7/065 53.7/058 46.4/086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              39.7/087
36.3/054
35.9/046
32.3/005
36.1/049
35.5/039
33.2/007
33.4/008
42.1/088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .0/088
.9/050
.5/040
.2/003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1925
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             37.0/088
32.9/050
32.5/040
28.2/003
32.5/040
32.6/044
29.9/012
28.6/005
40.0/089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1926
1927
1928
1929
1930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1931
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                36.2/051
                                                                                                                                                                                                                                46.9/021 28.4/017 40 2/014 48.3/026 58.4/050 62.9/070 47.6/038 25.1/004 42.7/060 52.8/085 60.1/085 63.3/077 50.5/085 32.9/068 41 4/033 48.8/036 59.4/075 62.7/066 48.6/059 30.8/041 42.3/053 49.8/056 59.7/081 64.0/084 49.3/073 34.6/084 44.3/077 52.2/079 59.1/070 62.7/063 48.3/074 33.8/0801 45.1/080 52.3/083 60.9/088 64.4/087 47.2/028 29.5/028 45.3/082 50.7/067 57.9/033 61.5/023 48.6/059 30.3/036 42.1/047 48.8/038 58.5/053 62.7/063 49.9/082 30.1/033 42.7/062 49.7/051 57.8/024 61.7/028 49.6/078 31.9/061 40.8/024 49.4/047 58.9/063 61.6/026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              53.8/061
53.7/059
55.3/080
56.0/085
53.8/064
55.4/082
50.6/007
54.5/072
55.4/081
56.3/087
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            40.0/004 33.9/015
42.9/039 32.2/003
45.9/082 37.3/077
41.7/022 35.8/044
44.5/070 39.1/085
42.5/029 37.7/080
43.9/058 35.5/038
43.4/050 35.5/038
43.4/050 35.5/038
44.3/067 35.1/031
44.6/073 35.3/035
                                                                                                                                                                 63.7/042 46.
65.4/080 47.
63.8/045 50.
64.5/063 48.
63.9/048 49.
66.0/084 48.
64.2/058 47.
63.9/046 48.
61.9/005 49.
62.4/015 49.
  1935 46 4/025
1936 47 4/060
1937 46 4/024
1938 47 8/072
1939 48 4/083
1940 49 2/086
1941 48 3/081
1942 46 7/030
1943 46 7/035
                                                                                                  44 1/015
                                                                                                                      1/015
5/073
7/045
8/052
0/079
1/086
2/080
9/028
2/038
1/029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             30.5/014
28.7/006
34.1/065
33.0/055
36.6/087
36.1/083
31.4/026
31.8/030
31.7/029
33.2/057
     1935
1936
1937
1938
1939
1940
1941
1942
1943
                                                                                                 47
45
48
49
48
44
45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1936
1937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1938
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1940
1941
1942
1943
                                    46.6/028
                                                                                                   45
                                                                                               44.6/021 63.6/041 47.5/035 30.4/038 40.0/013 48.3/029 58.4/051 61.6/026 53.1/047 46.9/071 63.5/040 45.0/002 31.7/054 43.3/071 50.5/064 57.4/010 61.8/029 49.8/004 48.4/049 30.9/044 44.7/079 52.3/083 58.8/061 61.4/020 52.4/033 47.8/070 62.9/022 46.7/020 22.2/001 39.2/007 47.3/016 57.5/012 61.4/020 52.4/033 47.8/070 63.2/030 48.9/066 27.1/010 43.7/073 52.3/083 58.2/040 62.3/048 51.8/020 43.5/090 63.4/038 48.9/064 32.6/064 40.0/012 47.0/014 50.0/036 62.2/045 53.8/060 44.9/027 63.3/035 47.2/028 27.3/012 40.8/022 50.2/060 58.0/036 62.2/045 53.8/060 44.9/027 63.3/035 47.2/028 27.3/012 40.8/022 50.2/060 58.0/035 62.1/044 52.5/037 45.4/041 63.3/032 49.1/068 34.8/085 41.1/026 50.8/068 59.6/080 62.7/063 57.0/089 44.2/016 62.1/007 50.8/087 33.3/074 41.5/034 46.7/008 57.7/018 61.6/024 55.3/078 45.1/034 60.9/001 48.5/055 28.4/018 40.6/020 49.8/054 56.7/004 59.9/001 51.7/016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           35.7/040 32.7/045
36.6/064 34.3/069
34.6/023 32.1/031
31.6/002 26.4/001
34.1/016 29.4/011
36.4/057 33.0/052
33.4/010 29.1/008
36.8/068 35.9/081
37.1/074 33.9/062
33.4/009 29.4/011
  1945 47.0/046
1946 46.7/037
1947 47.7/069
1948 45.3/003
1949 46.0/011
1950 46.2/018
1951 46.2/015
1952 46.6/029
1953 48.1/078
1954 46.7/032
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            43.4/050
39.3/002
43.3/048
41.7/021
43.6/052
44.1/064
41.4/018
43.1/043
46.0/083
44.4/069
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1953
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1954
  1955 44.6/001
1956 46.3/020
1957 46.3/021
1958 49.3/087
1959 47.0/047
1960 46.8/039
1961 47.9/074
1962 46.8/042
1963 47.5/064
1964 45.4/004
                                                                                               40.9/001 62.7/018
46.3/059 63.0/024
46.6/066 62.7/017
46.7/069 66.4/088
45.1/034 64.0/051
45.2/036 64.6/069
45.7/044 67.7/089
44.8/024 62.3/013
42.7/005 62.1/009
                                                                                                                                                                                                                                46.2/011
46.5/014
47.3/031
48.5/052
47.0/024
48.5/055
45.0/001
49.5/075
50.8/089
46.9/023
                                                                                                                                                                                                                                                                                               28.9/021
27.9/013
34.9/087
33.7/079
29.1/023
33.4/075
29.2/025
33.1/072
29.8/031
31.9/059
                                                                                                                                                                                                                                                                                                                                                             36. 5/001 45. 0/001 57. 3/009
41. 8/037 51. 1/074 58. 1/039
42. 3/055 50. 4/062 58. 3/044
40. 5/019 51. 5/076 61. 0/089
42. 8/065 48. 3/027 57. 6/016
42. 4/056 48. 3/029 58. 8/058
42. 3/053 48. 7/034 59. 3/074
42. 1/045 49. 3/043 57. 5/011
41. 2/028 48. 5/032 59. 1/069
38. 8/005 46. 8/010 57. 0/008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           61.4/017
61.8/031
62.1/041
64.1/085
61.9/038
63.3/077
64.3/086
61.5/022
62.3/050
60.4/004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          52.9/045
52.3/029
53.4/051
53.9/066
52.1/026
54.1/068
50.3/006
54.2/069
56.8/088
52.4/036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            40.6/008
40.7/009
40.9/012
43.9/061
42.6/031
43.1/041
40.4/007
44.5/071
45.0/077
42.8/034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .8/013
.9/014
.8/070
.4/078
.8/026
.0/073
.4/020
.9/072
.3/019
.8/044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               30.8/017
30.6/016
35.4/079
35.0/077
31.5/027
34.9/076
30.9/018
34.6/074
31.0/019
33.0/054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1955
1956
1957
1958
1959
1960
1961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              33
36
37
34
37
34
36
34
35
  1965 47.2/053
1966 47.8/071
1967 48.2/080
1968 47.1/050
1969 46.8/039
1970 46.9/044
1971 46.2/016
1972 46.4/026
1973 47.4/061
1974 47.5/062
                                                                                              44.7/023 63.2/030
46.5/065 63.1/027
43.6/010 66.3/087
45.8/052 63.3/034
46.3/059 63.9/049
43.9/013 65.6/082
44.2/018 64.3/060
46.2/056 64.7/073
44.8/026 64.7/073
                                                                                                                                                                                                                                48.7/061
49.6/078
50.2/084
47.3/031
47.4/033
45.8/008
45.4/005
46.6/017
47.3/029
49.5/076
                                                                                                                                                                                                                                                                                              31.0/045
34.3/082
31.9/059
28.1/015
33.7/078
31.1/046
29.2/025
28.9/019
31.7/055
30.6/039
                                                                                                                                                                                                                                                                                                                                                            41.8/035
42.3/053
39.2/007
42.6/058
41.3/031
39.4/008
39.5/010
42.1/045
41.8/037
41.9/040
                                                                                                                                                                                                                                                                                                                                                                                                                             48.8/035
50.5/063
46.6/005
47.7/019
51.0/072
46.7/008
48.8/038
48.4/030
49.8/055
47.8/021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             57.6/014 60.8/007

58.9/062 62.6/058

60.4/087 65.4/089

57.7/019 61.9/034

58.6/054 62.7/065

58.1/039 62.7/060

57.6/015 61.7/027

58.3/045 62.1/042

58.8/059 62.6/059

59.0/066 63.6/081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          52.6/038 46.3/084

54.4/071 43.8/055

55.8/084 43.8/057

52.1/026 42.2/027

51.8/018 41.6/020

49.6/002 41.8/024

49.7/003 41.2/015

50.8/009 42.7/033

52.9/044 41.9/025

54.6/073 44.1/064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           36.4/058
36.9/071
36.6/064
34.1/017
36.4/060
35.1/029
34.8/028
34.7/025
35.9/045
34.5/022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .9/049
.1/078
.4/070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                32
35
34
30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1966
1967
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2/013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           30.2/013
34.8/075
32.1/033
32.3/036
31.3/023
33.5/059
32.0/031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1969
1970
1971
1972
 1975 46 0/009 42 4/003 62 9/022 47.5/035
1976 46 7/036 44 2/018 61 8/003 49 3/071
1977 47 3/058 45 1/034 65 7/083 47 0/026
1978 46 8/043 46 4/063 63 7/043 46 3/071
1979 47 1/051 46 6/068 64 6/071 48 9/064
1980 47 3/055 46 4/064 61 8/004 48 6/059
1981 48 3/082 46 8/070 64 0/051 48 5/055
1982 45 8/006 44 1/015 64 0/054 45 9/009
1983 47 3/057 46 6/068 63 0/023 48 0/043
1984-99 9/###-99 9/###-99 9/###-99 9/###
                                                                                                                                                                                                                                                                                                                                                                                                                                                 5/003 57.7/021 62.0/039 53.3/049 41.6/020 35.3/033 32.9/051
.9/039 57.9/031 61.3/016 54.0/067 43.9/061 36.4/060 32.4/038
.2/042 58.5/052 63.3/078 52.3/030 42.3/028 37.7/081 36.1/082
07/023 57.9/031 61.8/030 52.8/042 41.3/017 32.3/005 28.9/007
.7/051 60.1/084 63.8/082 56.2/086 42.6/031 36.2/052 33.7/060
6/065 57.6/014 60.9/010 53.6/056 43.8/056 38.4/083 36.3/085
.3/045 58.3/042 62.8/067 52.8/040 43.1/043 35.2/032 32.3/034
.9/012 58.0/034 62.3/047 52.8/040 43.1/043 35.2/032 32.3/034
.9/012 58.0/034 62.3/047 52.8/032 43.9/061-99.9/**** 31.3/022
.9/****-99.9/****-99.9/****-99.9/****-99.9/****-99.9/****
                                                                                                                                                                                                                                                                                               32.3/064
30.9/043
33.8/081
25.1/004
32.2/063
34.6/083
30.2/035
33.6/077
28.2/016
                                                                                                                                                                                                                                                                                                                                                             38 1/003 45
39 4/009 48
43 0/068 49
44 3/076 48
42 8/064 49
43 2/070 50
44 0/075 49
40 3/016 46
43 0/068 49
-99 9/***-99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1975
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1981
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1983
MAX
                                                50.8
                                                                                                                 52.5
                                                                                                                                                                                67.7
                                                                                                                                                                                                                                                 50.8
                                                                                                                                                                                                                                                                                                              37.8
                                                                                                                                                                                                                                                                                                                                                                               49.8
                                                                                                                                                                                                                                                                                                                                                                                                                                               55.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                61.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              65.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            57.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             47 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               40.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MAX
                                                                                                                                                                                  60.9
                                                                                                                                                                                                                                                 45.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              49.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               26.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              62 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              53 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             43 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               32.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AVE
                                                                                                                                                                                      1.3
                                                                                                                                                                                                                                                    1.5
                                                                                                                                                                                                                                                                                                                   2.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1.7
                                                45 4
                                                                                                                 42.6
                                                                                                                                                                               61.8
                                                                                                                                                                                                                                                45 2
                                                                                                                                                                                                                                                                                                              25.1
                                                                                                                                                                                                                                                                                                                                                                             38.4
                                                                                                                                                                                                                                                                                                                                                                                                                                               46.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                56.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              49.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            40.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             28.3
                                                                                                                 48 9
                                                                                                                                                                                66.1
                                                                                                                                                                                                                                                50 5
95 TH%
                                                49.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             64.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            56.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             39.0
# YRS
                                                            89
                                                                                                                            89
                                                                                                                                                                                              89
                                                                                                                                                                                                                                                                                                                                                                                           89
                                                                                                                                                                                                                                                                                                                                                                                                                                                            89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          89 ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          A A
                                                                                                                                                                 JUN-AUG
                                 JAN-DEC
                                                                                              MAR-MAY
                                                                                                                                                                                                                                SEP-NOV DEC-FEB MAR-APR
                                                                                                                                                                                                                                                                                                                                                                                                                              APR-MAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MAY-OCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              JUN-SEP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEP-OCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OCT-NOV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NOV-APR
```

```
MAR-MAY JUN-AUG SEP-NOV 52 2/074 69,9/013 53.1/036 51.0/056 73.1/089 53.2/037 50.4/041 70.1/018 54.4/069 50.3/039 71.9/067 52.2/019 50.7/046 71.1/044 54.2/063 52.3/077 72.3/074 54.1/057 51.0/054 72.6/081 55.3/081 51.0/054 71.3/050 53.3/041 49.5/019 70.6/032 53.5/045 52.1/073 69.9/012 52.9/031
                  YEAR JAN-DEC 1895 51.5/019 1896 53.5/080 1897 51.6/025 1898 51.3/015 1899 52.0/038 1900 53.8/085 1902 52.6/062 1903 51.0/006 1904 52.4/054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEP-0CT
60.1/062
59.4/049
59.5/052
58.5/054
59.8/035
60.0/059
59.1/041
58.2/020
58.2/020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APR-MAY MAY-OCT JUN-SEP
56.4/072 65.0/037 69.0/027
54.8/042 66.3/077 71.1/085
56.3/071 65.2/044 69.0/027
55.5/058 65.0/035 70.1/060
54.7/041 65.1/039 70.3/064
54.4/043 66.0/069 69.9/056
55.4/057 66.5/080 70.5/071
56.6/076 65.4/051 69.4/039
53.5/023 64.2/019 68.5/016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OCT-NOV
46.5/024
47.2/037
48.8/063
45.9/014
47.5/043
49.6/073
50.8/086
48.1/050
48.8/064
47.3/038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NOV-APR
39.0/039
38.6/027
39.0/036
37.4/015
40.8/074
40.5/066
40.9/075
37.3/014
40.9/075
39.3/043
                                                                                                                                                                                                                                                                                                                                     DEC-FEB
34.0/043
33.9/042
32.0/021
30.1/007
35.7/072
35.4/064
35.6/071
30.3/009
34.8/054
33.2/036
                                                                                                                                                                                                                                                                                                                                          DEC-FEB
                                                                                                                                                                                                                                                                                                                                                                                                           MAR-APR
48.3/072
46.6/046
44.6/018
46.8/050
47.3/060
47.5/064
46.0/037
46.4/045
45.7/032
48.5/078
                                                                                                                                                                                                                                                                                                                                                                                                              MAR-APR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DEC-MAR
36.4/048
35.1/032
33.9/017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    YEAR
1895
1896
1897
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           33.9/01/
33.2/012
38.5/085
37.1/061
36.7/053
33.0/010
37.5/066
36.2/045
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1898
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1903
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1904
               1905 51.2/012 50.1/034 70.4/027 52.8/028 1906 51.7/029 49.7/026 69.2/004 52.2/019 1906 51.7/029 49.7/026 69.2/004 52.2/019 1907 52.6/064 51.0/056 68.6/001 53.1/034 1908 51.4/018 50.8/051 69.4/006 51.4/004 1909 51.7/027 48.9/015 71.3/048 53.7/052 1910 54.2/086 54.8/088 72.2/072 55.6/084 1911 52.0/039 52.3/077 70.2/023 52.1/015 1912 50.1/001 48.4/006 69.1/002 50.6/001 1913 50.6/002 50.1/035 69.8/010 52.4/023 1914 52.3/050 51.6/064 69.8/009 54.4/069
                                                                                                                                                                                                                                                                                                                                  32.6/029
38.8/088
35.1/060
35.5/066
30.7/013
36.2/081
32.2/024
29.9/004
33.5/038
31.5/016
                                                                                                                                                                                                                                                                                                                                                                                                       3 47 0/054

3 45 6/031

4 49 3/083

4 48 4/074

4 51 1/023

51 8/089

48 8/081

43 7/011

45 0/022

47 5/064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              52.6/009 63 9/014 69 0/029
53.9/028 63 5/006 67 8/006
53.0/017 63.1/003 67.4/003
53.6/024 62 9/002 67.9/008
52.9/013 64 6/022 69 2/034
57.3/085 66 5/081 70.9/082
55.0/047 64 6/021 69.2/034
52.3/008 62.6/001 66.7/001
55.4/056 63.7/009 67.7/005
55.4/055 64.6/024 68.6/017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           58.1/017
57.8/013
59.2/044
56.8/006
58.6/027
60.8/074
58.8/031
55.2/001
56.2/004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               45.6/025 38 5/025
46.5/024 42.6/086
47.8/047 49.5/065
45.3/004 39.5/048
48.9/065 39.9/056
49.9/079 41.9/084
45.1/002 37.1/011
61.1/020 36.8/000
47.9/048 40.0/060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         34.8/027
40.9/088
37.6/071
36.8/054
35.5/038
38.9/086
34.3/022
32.3/003
36.1/042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1905
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1909
1910
1911
1912
1913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            56.2/004 47.9/048 40.0/060
59.3/048 49.2/069 38.6/028
                                                                                                                                                                                                               1.3/005 53.2/039 34 5/052 46.3/042 54.1/031 63.5/005 67.8/007 58.7/029 48.2/052 40.6/067 0/016 51.4/005 30.2/008 48.8/080 54.4/035 63.8/011 68.3/011 57.4/012 45.5/009 35.6/002 1/020 54.2/061 35.1/000 41.8/001 49.8/001 63.4/004 68.7/020 58.8/037 49.1/067 40.8/072 4/052 52.6/025 29.9/005 47.3/060 53.2/019 65.2/045 69.6/047 59.8/037 49.1/067 40.8/072 36.8/037 49.1/067 40.8/072 36.8/037 49.1/067 40.8/072 36.8/037 49.1/067 40.8/072 36.8/037 49.1/067 40.8/072 36.8/037 49.1/067 40.8/072 36.8/037 49.1/067 59.8/037 59.8/037 39.1/067 40.8/072 36.8/037 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3/072 37.3
                                                                       .2/013
.6/024
.7/003
.7/029
.1/011
.1/008
.3/076
.9/034
                                                                                                                     49.4/018
51.8/068
45.3/001
50.7/046
51.2/058
48.2/004
50.9/052
48.6/008
49.1/016
                  1915
1916
1917
1918
1919
1920
1921
1922
1923
1924
                                               51
51
51
51
51
51
51
51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     37.5/069
31.7/001
37.7/076
32.6/006
36.2/045
38.1/081
35.1/034
36.3/047
34.2/021
35.5/037
                                                                                                                                                                                           69.
70.
71.
71.
69.
70.
72.
69.
71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1915
1916
1917
1918
1919
1920
1921
1922
1923
                                                  51
                                                                          5/023 48.6/010
              1925 52 7/067 54 1/087
1926 52 6/064 51 2/059
1927 52 8/068 51 3/061
1928 52 2/046 51 9/071
1928 52 2/046 50 7/049
1930 51 4/016 50 7/049
1931 52 3/048 50 3/040
1932 51 1/011 50 2/037
1933 52 4/052 48 7/013
1934 55 2/089 56 1/089
                                                                                                                                                                                       70.7/033
70.9/038
70.0/016
70.2/022
71.4/051
71.0/039
72.2/071
70.8/037
72.4/077
72.7/083
                                                                                                                                                                                                                                                           53.7/032

52.1/016

54.7/073

53.2/038

51.5/010

51.8/014

53.7/053

53.3/040

56.4/088

54.8/075
                                                                                                                                                                                                                                                                                                                               34.5/052 49.8/085
36.0/076 47.3/060
33.2/035 46.8/050
30.3/010 47.3/060
34.5/049 45.5/029
32.8/033 48.2/070
31.1/015 46.3/038
27.9/001 45.8/034
38.5/087 45.3/026
36.4/083 51.7/088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          58. 3/087 65. 1/040 68. 9/026 57. 9/014 46. 3/022 39. 8/052 36. 6/052 55. 3/087 65. 3/049 69. 4/037 60. 1/060 49. 7/076 40. 9/076 37. 5/070 55. 8/065 64. 7/029 68. 4/014 59. 0/039 50. 3/081 40. 0/059 36. 1/045 55. 3/052 65. 1/043 68. 8/023 59. 5/052 47. 5/042 37. 1/010 33. 1/011 54. 2/032 65. 1/042 69. 4/040 58. 8/035 45. 5/0029 39. 5/045 36. 1/042 55. 6/060 64. 2/016 69. 2/034 58. 1/016 45. 8/012 38. 4/024 44. 9/029 54. 9/045 66. 2/075 70. 8/077 61. 2/078 47. 2/037 37. 3/012 33. 4/013 55. 2/050 64. 7/026 69. 2/034 58. 2/021 47. 7/045 36. 3/003 31. 9/002 51. 2/004 66. 3/076 71. 3/088 62. 5/088 50. 7/084 43. 8/088 40. 9/089 59. 9/089 67. 3/089 70. 5/068 60. 4/067 50. 3/081 41. 1/079 38. 0/080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1926
1927
              1935 52.6/059 49.6/022 71.9/067 52.9/030 33.9/041 46.8/051 52.9/015 64.9/034 70.1/060 59.3/047 47.0/032 1936 53.1/074 52.8/083 72.8/087 52.6/026 30.0/006 48.3/073 57.3/084 66.2/072 70.5/070 58.3/022 47.1/034 1937 52.2/044 50.7/049 72.0/068 55.5/083 36.0/076 45.4/027 55.8/062 66.7/082 70.8/075 61.4/080 49.7/076 1938 52.6/062 50.8/050 71.2/046 52.7/027 31.6/017 47.1/056 54.6/039 65.5/056 69.9/056 60.6/070 46.0/019 1939 52.7/066 52.5/079 71.6/057 54.2/059 35.5/066 48.2/069 57.0/080 65.8/056 69.9/056 60.6/070 46.0/019 1939 52.7/066 52.5/079 71.6/057 54.2/059 35.5/056 48.2/069 57.0/080 65.8/056 69.9/056 60.6/070 46.0/019 1940 53.4/079 52.9/085 72.5/079 53.5/046 36.2/081 48.4/075 56.8/077 66.8/084 70.8/074 60.6/070 47.5/042 1941 51.8/031 49.6/024 69.2/004 52.4/023 32.8/032 44.4/017 53.5/022 63.6/008 67.4/004 57.2/008 47.4/039 1942 52.0/040 49.4/017 71.1/044 54.3/064 37.0/086 45.3/024 54.4/037 64.9/033 69.4/039 59.1/040 49.3/071 1943 53.6/084 52.7/081 71.7/059 54.2/063 32.7/030 49.3/084 57.6/086 65.8/066 70.2/062 60.1/062 48.4/056 1944 51.5/021 48.7/011 70.4/026 54.2/063 32.7/030 49.3/084 57.6/086 65.8/066 70.2/062 60.1/062 48.4/056 1944 51.5/021 48.7/011 70.4/026 54.2/063 32.7/030 49.3/084 57.6/086 65.8/066 70.2/062 60.1/062 48.4/056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            39.7/051
37.0/008
41.0/078
38.0/019
41.1/080
39.5/048
38.6/026
42.4/085
37.9/018
39.3/042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  36.4/050
32.6/007
37.8/077
34.5/026
37.9/078
37.6/074
34.4/024
38.5/084
34.4/024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1935
1936
1937
1938
1939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1941
          1945 52.1/041 49.5/020 70.3/024 53.9/056 32.6/029 44.4/016
1946 53.1/073 52.9/085 72.3/076 52.2/017 35.6/070 50.4/087
1947 52.5/057 51.8/069 70.8/036 53.1/035 29.5/025 46.8/052
1948 51.9/036 50.1/036 71.5/054 53.1/035 29.5/003 44.9/021
1949 51.7/026 51.6/065 70.8/035 55.3/081 34.8/055 47.6/065
1950 53.6/083 51.3/062 70.2/021 56.0/086 36.0/076 48.1/067
1951 52.1/042 50.5/043 71.2/045 53.0/033 33.1/034 45.8/034
1952 52.2/045 49.7/026 72.3/076 53.6/049 35.4/063 44.1/015
1953 53.1/072 49.7/027 72.2/073 55.2/007 36.4/084 47.0/055
1954 54.6/088 52.7/081 72.1/069 56.2/087 30.9/014 48.5/078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     53.7/026 65.1/042 68.9/024 59.9/058 48.6/058 40.1/061 35.6/039 57.0/083 65.4/050 70.7/073 58.7/029 45.3/006 39.9/057 37.5/069 56.1/070 66.4/079 70.0/058 62.1/087 46.8/030 37.4/016 33.5/016 56.8/078 66.1/071 70.4/066 60.8/074 46.1/021 36.9/006 33.5/016 56.8/078 66.1/071 70.4/066 60.8/074 46.1/021 36.9/006 32.8/009 56.0/069 65.0/038 69.7/050 59.2/043 49.7/076 41.4/081 36.9/055 53.3/054 65.3/047 68.5/015 61.7/084 52.3/069 40.7/068 37.3/064 55.1/048 65.5/055 69.8/053 59.7/054 46.7/026 37.9/017 34.1/020 55.9/067 66.9/086 70.8/080 61.8/085 47.2/037 39.6/049 37.7/075 52.3/007 65.5/060 70.9/081 60.8/074 49.4/072 41.7/083 37.6/073 58.5/088 66.7/083 70.8/077 61.5/082 50.8/085 38.2/021 33.5/014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1950
1951
1952
1953
1954
     1955 51.7/030 49 9/029 70.6/032 54.4/069 35.5/068 45.5/029 54.0/029 65.4/052 69.4/042 61.2/078 48.7/061 40.2/063 37.5/069 1957 52.9/070 51.9/070 71.9/063 53.8/055 36.4/083 46.8/048 56.0/069 66.8/085 70.8/080 61.6/083 46.8/028 40.0/058 38.2/082 1957 52.6/060 49.6/024 71.7/059 51.6/011 36.5/085 46.3/040 52.7/010 64.7/028 69.7/051 58.5/026 45.4/007 39.0/038 86.9/059 1958 53.5/081 50.0/032 72.7/086 54.3/066 36.0/078 43.4/008 55.9/066 67.0/087 71.0/084 60.3/066 48.7/061 40.8/074 37.6/073 1959 53.0/071 51.3/061 72.7/083 53.0/073 23.8/019 47.3/062 55.8/066 67.0/087 71.0/084 60.3/066 48.7/061 40.8/074 37.6/073 1960 52.4/064 52.0/072 72.6/080 54.6/071 34.1/044 48.4/076 55.8/065 66.2/074 71.2/087 60.2/064 48.3/054 39.8/053 34.9/030 1961 52.1/043 51.1/057 72.4/078 51.2/002 32.7/031 46.7/075 55.8/065 66.2/074 71.2/087 60.2/064 48.3/054 39.8/053 36.3/047 1962 52.9/069 50.7/046 70.8/034 55.7/085 34.5/049 46.3/042 56.9/079 65.5/060 69.7/048 57.3/010 46.0/076 56.6/083 40.2/064 48.3/054 1963 53.3/077 51.8/068 71.6/057 56.7/089 30.6/012 46.4/043 56.5/074 67.3/088 70.6/072 63.2/089 51.3/088 37.0/009 32.3/004 1964 51.1/007 48.6/010 71.3/048 53.4/043 34.6/053 43.2/007 54.1/031 65.6/062 69.4/042 60.2/063 48.1/049 38.6/029 35.4/036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1956
1957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1958
1959
1960
1961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1962
                                                                                                          48.5/007
52.4/078
51.4/063
49.6/022
50.5/042
48.7/013
49.8/028
53.3/086
47.9/003
52.8/082
                                                                                                                                                                                                                                                  54 3/065 31 7/018 44 1/015 53 9/027 63 7/010 67 4/002 54 6/070 34 3/045 47 77066 56 6/076 66 0/068 70 3/065 54 8/074 32 6/029 48 3/072 53 6/025 64 8/030 68 9/025 52 9/030 34 3/046 45 3/026 52 8/011 64 4/020 68 4/012 52 3/021 36 2/081 44 9/020 57 0/083 65 5/057 70 5/068 51 5/010 34 5/052 42 9/004 53 2/021 64 6/024 69 5/045 51 5/010 34 5/052 42 9/004 53 2/021 64 1/015 69 3/035 51 5/008 30 5/011 50 3/086 55 5/059 65 0/037 69 3/036 53 5/045 32 6/026 42 6/002 52 3/007 64 7/027 68 7/021 53 3/042 31 9/020 48 1/068 55 8/065 65 8/067 69 5/044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1964
                                       51.8/032
52.4/055
52.3/051
51.5/021
52.7/065
52.0/037
51.5/022
52.4/056
51.0/005
                                                                                                                                                                              69.5/007

71.9/067

70.4/026

70.1/020

71.9/062

71.9/062

71.5/052

71.5/055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           58. 4/023 50. 9/087 39. 4/044
59. 3/047 49. 1/068 40. 7/069
59. 9/058 49. 9/079 38. 8/031
57. 9/015 45. 3/006 39. 3/041
55. 9/002 46. 0/016 39. 8/054
56. 8/005 45. 9/014 40. 8/072
58. 8/037 45. 3/004 35. 6/001
58. 8/037 45. 3/004 35. 6/001
58. 8/035 48. 8/052 37. 3/014
           965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              34.8/028
37.4/065
35.2/035
35.1/032
37.1/061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               36.6/052
38.0/079
32.7/008
36.1/040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1970
1971
1972
        1971
        1972
     1973 51.0/005
1974 52.2/047
 1975 50.8/004 47.5/002
1976 51.8/033 50.3/038
1977 53.4/078 49.9/030
1978 52.5/058 51.7/066
1979 51.4/017 50.1/034
1980 53.2/075 48.8/014
1980 53.2/075 48.8/014
1981 54.5/087 52.3/075
1982 51.9/035 50.7/047
1983 52.3/049 48.3/005
1984-99.9/****-99.9/****
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               34.1/020
                                                                                                                                                                                                                                                  52.4/024
51.7/012
55.4/082
54.1/058
53.6/047
53.6/049
55.0/076
52.2/020
55.0/077
-99.9/***
                                                                                                                                                                                                                                                                                                                                                                                                                                                              50.8/002 63.8/003 68.4/013
54.9/045 64.2/017 68.7/022
55.0/047 66.4/079 71.2/086
54.7/041 65.6/063 69.9/054
54.3/034 65.6/062 69.7/049
53.0/017 65.5/060 70.9/083
57.0/083 66.2/074 71.3/089
54.3/033 64.6/025 69.6/047
51.0/003 65.5/053 70.2/063
-99.9/****-99.9/****
                                                                                                                                                                                                     .0/014
.4/028
.7/086
.8/060
.5/029
.7/084
.0/088
.1/041
.1/040
                                                                                                                                                                                                                                                                                                                        35.6/070
33.6/040
35.8/073
29.3/007
36.0/078
38.9/089
35.0/058
35.0/058
32.1/022
                                                                                                                                                                                                                                                                                                                                                                                           43.2/007
45.6/030
45.9/035
48.8/079
46,0/037
44.9/020
48.9/082
46.9/053
44.0/013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         58.5/026 46.9/031 39.7/050 36.9/056
57.1/007 45.7/010 38.9/032 35.1/034
61.2/079 49.9/079 41.4/082 38.3/083
60.3/065 49.0/066 36.9/007 32.3/005
61.9/086 46.8/028 39.1/040 37.1/062
59.3/045 47.6/044 42.8/087 39.8/087
59.7/053 49.3/071 40.7/070 37.2/063
58.2/018 45.8/011 38.9/035 36.9/059
61.4/081 48.6/059-99.9/**** 34.5/026
                                                                                                                                                                               70
72
71
70
72
73
71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1976
1977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1980
1981
1982
1983
1984
                                                       55.2
                                                                                                                           56.1
                                                                                                                                                                                                 73.1
                                                                                                                                                                                                                                                                    56.7
                                                                                                                                                                                                                                                                                                                                        38.9
                                                                                                                                                                                                                                                                                                                                                                                                              51.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 59.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     67.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         71.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              63.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            40.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MAX
  MIN
                                                       50 1
                                                                                                                           45.3
                                                                                                                                                                                                 68.6
                                                                                                                                                                                                                                                                    50.6
                                                                                                                                                                                                                                                                                                                                       27.9
                                                                                                                                                                                                                                                                                                                                                                                                           41.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 49.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     62.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  44 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      35.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            31.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MIN
                                                       52.3
                                                                                                                           50.6
  AVE.
                                                                                                                                                                                                                                                                                                                                       33.8
                                                                                                                                                                                                                                                                                                                                                                                                            46.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 54 B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     65.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  47.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      39.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AVE
                                                                                                                              1.7
                                                                                                                                                                                                    1.1
                                                                                                                                                                                                                                                                     1.4
                                                                                                                                                                                                                                                                                                                                          2.3
                                                                                                                                                                                                                                                                                                                                                                                                              2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SIDEY
51H%
                                                    50.8
                                                                                                                        48.2
                                                                                                                                                                                              69.2
                                                                                                                                                                                                                                                                  51.4
                                                                                                                                                                                                                                                                                                                                     29.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    63.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        67.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            56.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  45.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     36.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5 TH%
95TH% 53.8
                                                                                                                          52.9
                                                                                                                                                                                               72 7
                                                                                                                                                                                                                                                                  55.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    66.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       71.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  50.8
# YRS
                                                                  89
                                                                                                                              89
                                                                                                                                                                                                           89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 89
                                                                                               MAR-MAY JUN-AUG SEP-NOV DEC-FEB MAR-APR APR-MAY MAY-OCT JUN-SEP SEP-OCT OCT-NOV NOV-APR DEC-MAR
```

```
YEAR JAN-DEC MAR-MAY JUN-AUG SEP-NOV 1895 61.37005 62 9/055 79.37021 62 5/014 1896 64 0/076 64 9/082 81.6/077 63.0/024 1897 63.1/054 62.5/048 81.0/059 65.6/076 1898 62.4/028 62.5/048 79.8/029 62.3/011 899 62.4/028 63.3/058 80.7/050 65.6/074 1900 63.5/070 62.3/041 80.2/040 66.6/084 1901 63.1/055 61.3/017 82.3/082 64.9/060 1902 63.3/064 64.7/080 81.3/069 64.8/058 1903 61.3/004 64.7/080 81.3/069 64.9/060 1903 63.3/064 64.7/080 77.7/001 62.4/013 1904 62.9/044 63.2/057 78.6/009 65.0/064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                JUN~SEP
78.7/033
79.6/063
79.6/063
78.7/031
78.9/041
79.6/061
80.4/076
79.0/046
76.4/002
77.9/017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEP-OCT
68.4/022
67.9/015
71.6/076
68.8/029
70.6/062
72.8/084
70.4/061
68.4/022
67.7/011
70.7/065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0CT-N0V
55.3/002
57.7/028
60.6/075
55.8/007
61.5/083
61.0/078
60.1/070
61.1/081
57.3/023
59.4/051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NOV-APR
51.0/052
51.1/054
51.1/055
46.9/047
50.6/047
50.6/047
50.7/051
51.2/056
48.3/008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DEC-MAR
47.1/05
48.1/06
48.0/06
42.5/000
46.5/03
47.3/05
45.4/02
45.9/03
48.5/06
43.6/00
                                                                                                                                                                                                                                                                                                                                                                                                                    MAR-APR
59,3/057
59,0/054
58,0/057
57,8/035
56,1/038
56,8/021
60,2/070
58,7/050
60,1/068
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MAY-0CT
74.2/013
76.1/066
75.9/066
74.8/030
76.2/072
76.1/070
76.3/073
75.8/061
72.7/002
74.4/019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          C-MAR
.1/050
1/063
.0/062
.5/039
.3/053
.4/021
.9/030
.5/067
                                                                                                                                                                                                                                                                                                                                                  DEC-FEB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APR-MAY
67.4/058
71.3/089
65.3/012
66.3/038
68.1/073
66.6/044
65.0/010
69.3/084
65.4/016
                                                                                                                                                                                                                                                                                                                                               DEC-FEB
45.5/062
45.1/056
45.1/064
38.8/004
44.1/032
45.2/058
42.0/015
43.1/024
45.0/052
38.7/003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1898
1899
1900
1901
1902
1903
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         49.7/026
53.6/087
52.2/069
52.4/072
51.6/063
53.7/088
47.0/002
49.3/019
51.5/061
48.5/010
                                         61.6/009
62.1/019
63.6/073
63.5/070
63.6/072
63.7/074
64.6/084
61.4/007
62.5/032
62.7/036
                                                                                                                      64 1/072 79.8/029
61.1/014 78.5/007
62.5/046 80.2/039
65.1/085 79.1/016
62.2/039 81.4/074
64.5/076 80.6/047
64.5/077 81.4/074
60.9/013 79.6/024
61.6/028 81.0/060
61.4/021 81.3/071
                                                                                                                                                                                                                                                                    65.1/066
62.6/016
63.4/030
63.2/028
66.4/083
65.8/078
64.5/051
64.3/047
64.0/039
64.8/056
                                                                                                                                                                                                                                                                                                                                               43.4/028
49.3/089
46.2/068
47.7/079
41.8/012
48.5/084
40.9/006
43.3/026
45.4/060
42.7/019
                                                                                                                                                                                                                                                                                                                                                                                                                      60.0/066 66,
56.3/013 67,
60.9/076 62,
62.3/084 67,
58.5/047 65,
62.3/085 65,
60.9/076 67,
55.3/007 67,
56.8/021 66,
57.3/030 65,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          75.2/044
73.6/006
74.3/018
73.9/010
75.6/056
75.5/053
76.7/082
75.3/046
74.6/025
75.5/054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               78 9/041
77 8/013
79 1/049
77 8/014
79 8/066
79 9/068
81 1/084
78 5/026
78 8/036
79 9/069
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         69.8/046
67.8/014
69.9/050
67.7/011
69.9/049
71.4/075
72.2/081
70.4/061
66.6/003
69.8/046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .4/052
.0/011
.1/020
.9/033
,1/085
.8/061
.7/016
.9/042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .9/049
.4/058
.1/001
.6/064
.9/031
.8/025
.4/058
.5/060
.8/046
.8/029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        44
52
49
49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6/010
8/089
7/082
4/078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1905
1906
1907
1908
1909
1910
1911
1912
1913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    59
57
57
56
59
59
59
59
59
          1905
            1906
          1907
1908
1909
1910
1911
1912
1913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              8/044
0/087
6/004
          1914 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4/050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1/006
         1915 62 3/024 59.5/004 78.3/005 65.8/078 46.3/070 54.3/003 1916 63.3/065 63.5/061 80.7/050 63.8/036 45.6/063 59.3/058 1917 62 0/015 60.9/011 80.4/044 62 6/017 41.1/008 58.4/044 1918 63.2/058 64.3/075 82.5/083 62.7/019 44.6/043 60.1/068 1919 62.2/022 61.5/023 79.3/019 64.9/063 44.3/033 58.2/039 1920 62.4/027 62.1/036 78.5/007 63.9/037 48.2/082 57.3/031 1921 65.6/089 64.6/078 80.9/058 67.2/087 46.9/074 61.3/078 1922 64.2/078 63.4/060 80.8/054 65.6/074 48.6/085 59.2/055 1923 63.3/062 61.4/022 80.7/052 62.8/020 44.4/036 57.2/027 1924 62.0/016 59.4/003 81.4/075 65.0/065 44.9/050 55.7/010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              66 9/051 74 3/016
66 1/034 75 4/049
63 7/004 73 5/004
66 7/045 76 2/071
65 2/011 74 7/028
66 3/037 74 8/032
66 3/037 76 4/076
68 3/074 76 0/067
66 4/040 74 8/030
64 7/007 74 9/038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               77.6/010
79.0/043
78.8/038
79.4/058
78.2/023
77.9/017
80.5/078
79.8/065
79.4/056
79.2/052
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       70. 4/061 60. 9/077 52.3/070 69.3/033 58.7/036 51.1/053 66.9/005 56. 9/018 49.6/024 68.5/024 58.8/039 50.2/038 71.0/071 59.8/058 50.0/034 70.9/069 57.6/025 52.8/080 70.8/068 60.0/067 52.5/074 68.2/018 56.6/015 49.4/021 69.3/035 61.2/082 53.0/083
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1915
1916
1917
1918
1919
1921
1922
1923
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3/075
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                49.3/075
48.0/062
45.7/026
47.0/046
46.6/043
51.4/088
48.6/068
49.3/075
45.4/022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1924
       1925 64 1/077 65.7/088 82.1/080 63.6/035 45.1/054 63.4/088 69.2/082 75.9/065 81.2/085 69.4/038 56.3/013 1926 62.8/039 60.1/006 79.9/034 64.9/063 48.0/080 54.9/005 64.6/006 75.7/059 79.1/050 72.2/081 58.9/040 1927 64.6/083 65.0/083 79.3/020 67.3/088 44.5/039 60.5/073 70.1/088 75.8/063 78.5/026 71.4/075 63.0/088 1928 63.0/048 62.2/039 79.9/033 64.2/044 42.4/016 57.9/036 65.0/010 75.2/034 78.2/021 70.4/058 59.8/060 1929 62.3/025 64.2/073 80.6/046 62.1/005 44.8/045 61.7/083 67.7/065 75.0/041 79.0/047 69.6/041 55.8/008 1930 63.0/045 62.9/054 81.2/065 64.1/041 45.8/065 59.3/056 68.4/076 75.5/052 80.1/071 69.6/041 55.8/008 1931 63.8/075 58.4/001 80.2/039 68.9/089 49.1/087 54.3/002 63.1/003 76.1/068 80.1/072 74.6/089 63.3/089 1932 62.8/040 61.6/026 81.3/070 61.6/004 45.1/054 57.1/024 67.6/062 75.0/039 79.3/055 67.8/012 55.8/008 1933 65.2/088 64.0/069 81.1/063 67.1/086 48.3/083 59.5/066 67.9/069 77.0/089 81.6/087 71.4/075 62.7/087 1934 65.0/086 63.4/059 84.2/089 66.4/083 47.0/076 58.8/052 68.6/080 78.0/089 81.6/087 71.4/075 62.7/087
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         49.5/023
52.6/075
51.4/058
50.4/041
50.0/031
49.8/028
53.2/085
50.6/046
53.0/084
53.4/086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5/039
7/082
5/055
1/032
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                46.5/039

47.5/055

46.1/032

46.5/040

46.6/041

49.2/073

47.8/059

49.4/079

50.3/085
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1926
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1928
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1929
1930
1931
1932
1933
1934
                                           63.5/071
63.2/057
62.8/041
64.7/085
64.4/082
61.7/014
63.1/056
62.6/033
63.2/060
63.1/053
                                                                                                                                                                                           80.7/052
82.7/086
82.0/079
81.1/061
81.3/069
79.0/013
79.6/024
79.8/029
82.5/084
81.2/064
                                                                                                                                                                                                                                                                    63.4/030
63.1/025
63.4/031
65.2/068
65.6/072
63.9/038
65.5/071
64.2/043
62.3/010
64.4/050
                                                                                                                                                                                                                                                                                                                                          41 3/010 61 6/082

45 1/057 60 2/070

47 1/077 56 6/019

46 1/066 61 5/080

41 9/014 59 8/064

46 1/067 58 8/051

44 3/035 56 4/015

47 7073 58 7/050

45 4/061 58 3/042

44 5/040 57 2/027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              58.7/037
56.2/012
57.3/022
59.9/066
59.0/045
58.9/044
60.3/074
60.3/073
56.9/018
59.5/054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                45.5/024
46.4/037
50.6/086
48.8/071
45.3/019
46.9/045
46.6/042
47.7/056
47.3/052
48.3/065
                                                                                                                 63.8/067
64.1/072
61.9/034
64.7/070
62.4/042
61.5/025
62.4/045
62.6/050
61.6/028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5/019
.9/049
.8/066
.5/041
.5/061
.8/029
.6/064
.8/047
.4/076
.9/031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               78.7/035 69.3/035
81.3/086 69.4/039
80.4/076 69.9/047
79.8/065 72.0/077
80.6/081 72.8/085
77.7/011 70.3/057
78.7/030 72.1/078
77.9/015 68.1/071
80.1/074 67.8/013
79.4/057 69.5/040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     74.8/033
76.5/078
76.3/074
76.4/075
77.0/084
74.5/062
74.3/015
75.7/058
75.5/051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3/019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1935
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                65
66
67
65
67
66
68
65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         49.3/019
49.8/030
52.5/073
51.6/062
49.0/013
50.4/040
50.5/043
52.2/067
50.3/031
         1935
1936
1937
1938
1939
1940
1941
1942
1943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1935
1936
1937
1938
1939
1940
1941
1943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         51.5/061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   48.3/065
      1945 63.0/049 63.6/064 79.2/018 64.8/058 44.8/044 1946 64.3/081 64.8/081 80.4/043 64.7/054 44.5/039 1947 62.5/031 60.2/009 80.8/054 65.9/080 42.5/017 1948 62.7/038 63.6/063 80.9/057 63.2/027 44.9/047 1949 62.7/037 62.2/039 79.8/032 64.3/048 48.7/086 1950 63.0/052 61.9/034 78.3/004 64.3/048 48.7/086 1950 63.0/052 61.9/034 78.3/066 63.2/026 49.9/080 1951 63.0/046 61.7/031 81.2/066 63.2/026 49.2/088 1952 63.5/068 60.9/012 82.7/086 62.1/006 46.7/072 1953 64.2/080 63.8/066 82.2/081 64.6/053 47.1/078 1954 65.1/087 62.6/051 83.3/087 66.2/081 45.3/059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     74.2/014
75.0/041
76.6/081
75.3/047
74.9/035
74.6/027
75.8/064
75.6/056
76.5/080
77.0/086
                                                                                                                                                                                                                                                                                                                                                                                                                                           .71074 65.6/020

.8/087 67.9/069

.6/009 65.8/029

.5/061 69.6/085

.1/025 66.5/043

.0/022 66.5/043

.2/029 65.8/024

.2/012 65.3/014

.0/066 66.2/035

.3/071 67.4/055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             78.2/023 69.2/032
78.8/038 70.0/051
79.9/068 73.9/088
79.3/053 68.8/028
78.1/020 68.8/027
76.9/007 70.7/065
79.6/060 70.3/056
80.7/083 67.5/008
80.6/080 70.8/066
82.2/089 72.6/083
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      52.6/080 48.2/064
49.8/028 45.6/025
49.4/020 47.7011
50.2/037 47.0/047
52.6/078 49.7/080
50.1/036 47.1/048
51.5/059 49.9/084
51.5/059 49.7/083
52.4/071 48.6/069
51.9/066 47.8/057
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              59.5/055
59.9/066
60.3/073
57.6/026
60.1/070
59.9/066
57.4/021
55.9/010
59.0/047
59.9/063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1945
1946
1947
1948
1949
1951
1952
1953
                                                                                                                                                                                                                                                                                                                                                                                                                    60
62
55
57
57
57
56
60
60
                                                                                                                                                                                          79.8/030 64.3/046
82.0/079 65.2/067
80.8/055 64.4/043
79.7/050 64.4/049
79.7/025 62.3/009
80.2/039 65.3/070
78.0/002 62.6/018
80.5/045 64.9/060
81.6/076 66.9/085
81.1/063 64.0/040
                                                                                                                                                                                                                                                                                                                                          44.9/050
48.2/081
44.1/032
43.0/022
43.2/025
43.1/023
44.6/043
41.8/013
40.9/007
44.9/047
                                                                                                                                                                                                                                                                                                                                                                                                                                           1/077 69
3/040 68
1/024 65
0/001 66
2/029 67
6/008 67
4/043 65
4/015 68
4/086 70
9/053 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  8/086 75.6/057
.0/070 77.4/088
.6/022 74.3/017
.2/036 75.4/048
1/053 75.1/042
1/053 75.2/045
.4/018 73.6/005
.4/018 73.6/005
.0/087 77.2/087
.0/081 75.5/050
       1955 63.5/067
1956 64.2/079
1957 62.9/043
1958 61.7/012
1959 62.2/021
1960 61.7/011
1961 61.7/010
1962 63.2/061
1963 63.4/066
1964 63.0/048
                                                                                                                 65.1/084
63.6/065
61.3/020
59.8/005
62.4/004
60.1/008
62.3/040
62.6/052
65.9/089
63.6/063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          79 1/048 70 7/065
80 5/079 72 1/079
78 7/035 66 8/004
79 3/055 69 4/038
78 7/030 69 4/038
79 0/042 70 8/068
76 8/004 68 7/026
79 0/046 71 0/07
80 1/074 72 9/087
79 5/059 68 3/019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              58.1/035
59.6/056
55.9/009
58.9/042
55.7/005
60.3/073
57.3/022
60.1/070
62.4/086
58.8/038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .5/042 47.4/054
6/064 49.3/076
5/009 44.8/013
6/025 45.5/023
1/007 43.9/009
0/034 46.3/034
5/023 46.1/033
5/045 45.8/027
2/017 43.8/008
5/045 45.3/020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1955
1956
1957
1958
                                                                                                                                                                                                                                                                                                                                                                                                                    61
58
57
54
57
55
58
56
62
58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        50
51
48
49
48
50
49
50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1959
1960
1961
1962
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1963
1964
    1965 63 2/059 61 7/031
1966 61 7/013 62 4/044
1967 62 7/035 65 4/086
1968 61 3/004 61 3/020
1969 62 3/023 60 1/008
1970 62 1/018 61 3/017
1971 62 9/042 61 5/025
1972 62 4/030 64 3/074
1973 62 2/020 61 3/020
1974 62 6/034 65 5/087
                                                                                                                                                                                                                                                               65.3/070
63.6/033
62.2/008
62.5/015
62.9/022
62.2/008
64.6/053
62.4/012
65.8/079
61.3/002
                                                                                                                                                                                                                                                                                                                                       43.0/022 56.5/017 69.3/083 74.9/035 78.5/027 68.9/030 44.0/030 58.6/048 66.1/034 74.0/011 78.0/018 67.3/007 42.6/018 63.6/089 68.5/079 73.2/003 76.6/003 67.1/006 44.3/035 57.5/032 65.6/022 73.9/010 77.4/008 68.5/024 43.4/027 55.1/006 66.9/051 74.9/038 79.2/052 68.4/022 43.4/027 55.1/006 66.9/051 74.9/038 79.2/052 68.4/022 46.3/070 56.5/017 67.1/054 74.5/024 78.9/039 68.1/017 46.5/071 57.7/034 65.8/029 74.6/027 78.0/019 70.2/053 45.5/011 61.6/082 67.5/060 74.5/021 78.4/024 70.0/052 45.0/052 57.6/033 63.8/0057 74.4/020 77.8/013 70.3/056 44.5/041 61.5/079 68.5/079 73.7/007 76.2/001 66.0/002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60.6/076
59.0/046
57.8/031
57.8/031
57.1/020
55.7/004
59.8/060
55.4/003
61.8/084
57.9/033
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     50.7/049
52.6/076
49.2/016
49.0/012
49.1/014
50.7/051
52.7/081
47.8/004
52.5/075
49.8/029
                                                                                                                                                                                                                  .8/032
.8/026
.6/009
.2/018
.9/056
.1/036
.4/022
.0/014
.1/015
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       9/030
8/059
1/016
9/014
9/015
9/060
3/077
                                                                                                                                                                                           79.
79.
79.
80.
79.
79.
79.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               45
47
45
44
47
49
45
48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1966
1967
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1967
1968
1969
1970
1971
1972
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6/070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                46.3/036
1975 62.0/017 61.
1976 61.2/003 61.
1977 63.3/063 63.
1978 61.5/008 62.
1979 60.7/001 61.
1980 63.0/050 60.
1981 63.0/052 63.
1982 62.4/026 62.
1983 61.2/002 59.
1984-99.9/***-99.
                                                                                                                                                                                                                                                                                                                                       46. 9/075 56.6/019
41. 2/009 59.8/064
38. 3/001 59.5/061
38. 6/002 58.5/045
44. 0/029 58. 3/042
45. 1/056 56. 0/011
42. 7/020 60.5/072
44. 4/037 58.5/046
39. 9/005 54. 8/004
-99. 9/***-99. 9/***-
                                                                                                                61.3/017
61.9/035
63.9/068
62.6/053
61.7/029
60.8/010
63.1/056
62.5/049
59.2/002
99.9/***
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          76.9/006 67.7/011 58.9/044 52.76.9/006 65.0/001 51.5/001 48.80.5/078 71.3/072 59.5/053 47.79.9/070 69.8/046 59.1/048 47.77.5/009 69.9/049 57.8/029 48.82.1/088 69.7/043 56.6/015 51.78.7/033 68.6/025 59.3/049 50.78.6/028 69.1/031 58.0/034 49.79.0/046 70.3/056 59.8/057-99.9/1***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/
                                                                                                                                                                                                              0.0013 62.9/022
1.3/004 58.7/001
4/074 65.6/076
3/067 64.8/056
9/011 63.0/024
6/088 63.5/032
4/043 64.1/042
0/035 63.6/034
3/041 64.9/063
9/*****
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     52.2/068
48.1/006
47.7/003
47.9/005
48.8/011
51.2/057
50.0/032
49.2/015
-99.9/***
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          66.1/032
64.8/008
68.1/073
68.1/073
65.3/013
65.4/016
67.9/069
65.8/024
62.8/002
-99.9/***
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                73.8/008
71.9/001
76.5/080
75.7/060
74.1/012
76.8/083
74.5/022
74.8/032
74.9/036
                                                                                                                                                                                             79.
78.
81.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .2/0/2
.8/012
.7/001
.6/003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1975
1976
1977
1978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               49
44
41
42
45
47
46
43
                                                                                                                                                                                           81
78
83
80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .8/028
.2/051
.1/031
.3/036
.1/005
.9/***
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1979
1980
1981
1982
1983
   MAX
                                                          65.6
                                                                                                                                  65 9
                                                                                                                                                                                                            84.2
                                                                                                                                                                                                                                                                                     68.9
                                                                                                                                                                                                                                                                                                                                                           49 3
                                                                                                                                                                                                                                                                                                                                                                                                                                     63.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              71.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      78.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        74.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 63.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         53.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 52.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MAX
                                                            60 7
                                                                                                                                    58.4
                                                                                                                                                                                                            77 7
                                                                                                                                                                                                                                                                                     58.7
                                                                                                                                                                                                                                                                                                                                                              38.3
                                                                                                                                                                                                                                                                                                                                                                                                                                       54.0
   MIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              76.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       65.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               51.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         46.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 41.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MIN
   AVE
                                                                                                                                                                                                                                                                                                                                                                                                                                       58.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              66.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      75 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        69.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         50.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 47.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AVE
SIDEV
                                                                1 0
                                                                                                                                        1.6
                                                                                                                                                                                                                                                                                                                                                                   2 5
                                                                                                                                                                                                                                                                                                                                                                                                                                          2.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STDEV
51H%
                                                          61 3
                                                                                                                                  59.5
                                                                                                                                                                                                            78.3
                                                                                                                                                                                                                                                                                     61.6
                                                                                                                                                                                                                                                                                                                                                           38.8
                                                                                                                                                                                                                                                                                                                                                                                                                                    54.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              63.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      73.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       66.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               55.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       47.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 42.6
95 TH%
                                                                                                                                  65.1
                                                                                                                                                                                                            82 7
                                                                                                                                                                                                                                                                                     66.9
                                                                                                                                                                                                                                                                                                                                                                                                                                    62.3
                                                                                                                                                                                                                                                                                                                                                             48.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             81.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       72.8
                                                                      89
                                                                                                                                                  89
                                                                                                                                                                                                                         89
                                                                                                                                                                                                                                                                                                  89
                                                                                                                                                                                                                                                                                                                                                                         89
                                                                                                                                                                                                                                                                                                                                                                                                                                                   89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              89
                                           JAN-DEC
                                                                                                                MAR-MAY
                                                                                                                                                                                           JUN-AUG
                                                                                                                                                                                                                                                                  SEP-NOV
                                                                                                                                                                                                                                                                                                                                 DEC-FEB
                                                                                                                                                                                                                                                                                                                                                                                                                 MAR-APR APR-MAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MAY-OCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            JUN-SEP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OCT-NOV
```

NOV-APR DEC-MAR

```
NOV-APR
28.1/048
25.4/014
27.8/041
22.9/003
30.4/080
28.6/052
29.0/064
26.5/022
26.6/025
28.7/055
                                          JAN-DEC
42.9/021
43.6/041
43.5/039
43.4/034
41.9/006
45.8/083
44.9/070
43.4/035
42.7/016
                                                                                                         MAR-MAY JUN-AUG SEP-NOV 44 6/075 65 3/017 44 4/019 41 2/020 67.6/059 39 8/001 42.0/033 66.5/033 46 7/063 41.4/024 67.4/057 42 6/006 38.1/002 65.8/025 47.5/077 46.3/084 68.5/077 45.2/032 45.0/081 67.9/070 46.7/064 43.7/065 64.3/006 45.3/033 41.6/030 65.1/014 44.5/021 41.6/029 64.6/011 48.5/087
                                                                                                                                                                                                                                                                                                     DEC-FEB MAR-APR APR-MAY
23 6/075 39 7/075 52 0/084
22 0/064 34 4/013 49 1/049
22 2/069 33 7/011 51 3/078
15 4/009 35 8/027 48 7/041
21 1/052 31 4/002 46 8/021
21 9/063 40 0/080 53 3/081
21 4/055 38 1/059 51 7/081
18 1/022 37 3/048 49 5/058
19 3/035 36 2/035 47 9/033
17 7/019 35 5/026 48 2/036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MAY-0CT
59.0/028
59.6/039
61.6/080
59.1/029
58.7/018
61.7/081
61.2/077
58.7/021
58.4/015
59.0/027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           JUN-SEP
63.5/021
64.4/037
65.8/075
65.1/054
64.1/030
65.6/068
64.6/039
62.1/006
62.4/009
62.9/013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEP-OCT
51 8/035
50.0/014
55.7/084
49.8/010
51.7/032
53.1/056
52.3/043
51.6/031
51.4/030
53.3/060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0CT-NOV
37.3/017
32.3/002
38.2/023
34.9/005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DEC-MAR
24.0/062
22.3/035
23.4/052
16.7/003
               YEAR
               1896
               1898
1899
1900
1901
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      23.47052
16.77003
23.87056
24.47065
24.07062
20.87021
21.57025
22.77042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        38,2/023
34,9/005
41,8/078
39,2/036
42,6/082
40,3/059
39,6/043
43,8/086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1898
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1901
1902
1903
1904
              1904 43.5/040
                                        42.9/022
43.8/046
42.4/011
44.3/063
42.4/014
45.3/077
42.7/017
42.7/017
41.9/007
43.0/024
44.2/056
                                                                                                        43.6/063 65 2/016 45 5/039
41.1/016 64.7/012 45 7/046
39.9/011 63.9/003 46.0/050
42.8/048 64.4/010 46.4/059
39.7/009 67.1/048 46.5/060
48.8/089 66.6/037 46.8/067
44.7/076 65.8/023 41.9/003
39.4/008 64.4/009 44.3/018
41.2/020 67.0/045 45.7/046
43.5/059 66.9/042 48.2/085
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        38.0/021
38.5/027
41.2/070
39.2/035
40.2/056
41.5/076
34.0/003
40.7/065
39.6/043
42.9/083
                                                                                                                                                                                                                                                                                                  23.1/072 40.1/081 46.5/016 58.0/007 64.0/029 51.0/025
19.1/033 35.2/019 50.0/063 59.0/026 63.6/022~53.4/062
24.1/078 35.9/029 43.2/001 57.3/003 61.9/005 52.0/036
20.6/044 38.5/064 48.8/044 58.3/009 63.5/020 52.4/047
15.0/008 34.1/012 44.2/003 59.6/038 65.1/055 52.6/051
19.6/038 47.0/089 51.1/074 60.0/053 64.3/034 53.9/070
17.9/020 39.8/076 48.4/038 58.7/021 63.7/023 50.3/017
18.4/026 32.3/006 48.9/046 57.2/002 61.2/002 48.3/002
21.5/058 35.4/022 49.3/056 58.9/024 64.7/042 50.0/014
18.1/023 37.8/054 49.3/053 60.5/063 64.8/049 53.8/068
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1/050
.6/040
.8/078
.1/051
.3/037
.0/060
.5/008
.0/016
               1905
1906
1907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        29
26
30
27
28
28
23
27
29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0/065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1905
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       23
22
25
23
22
24
18
20
24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0/065
6/024
5/082
4/036
9/060
5/050
9/005
1/032
6/071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1906
1907
1908
                  908
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1908
1909
1910
1911
1912
1913
               1909
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20.3/018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1914
          1915 43 1/027 42 8/050 62 1/001 46 0/050 15 9/012 38 7/067 50 8/068 56 9/001 60 3/001 52 1/039 41 5/076 26 3/020 20 2/017 1916 40 8/001 42 2/038 65 6/021 43 2/008 14 0/005 38 1/058 46 7/019 57 7/006 63 3/014 49 5/005 36 5/010 22 7/002 16 7/002 1917 41 3/003 37 8/001 65 5/019 46 3/056 16 7/014 31 8/003 44 4/004 57 6/005 63 7/024 49 7/007 40 3/059 28 1/045 22 1/032 1918 44 0/058 44 0/068 67 1/047 45 5/038 23 4/074 39 3/074 46 8/020 59 9/048 64 2/032 52 4/047 40 5/063 29 2/068 48 8/071 1919 43 1/029 42 7/047 69 1/084 40 7/002 19 3/035 36 7/043 48 1/057 59 9/049 66 8/082 48 8/03 31 0/001 24 5/068 21 7/030 1920 43 0/025 39 1/004 65 8/025 45 5/038 25 2/081 32 4/007 44 0/070 59 4/049 60 8/082 48 8/03 31 0/001 24 5/068 21 7/030 1920 43 0/025 39 1/004 66 8/082 48 8/03 31 0/001 24 5/008 21 7/030 1920 43 7/066 68 5/078 45 5/078 85 5/058 32 5/078 30 5/081 32 4/007 44 0/072 59 4/031 64 0/028 53 2/088 39 0/032 30 5/081 27 6/085 1921 45 8/082 43 7/066 68 5/078 45 6/041 16 1/013 38 7/067 48 3/037 61 0/074 65 6/065 53 3/060 40 0/053 25 1/012 19 7/014 1922 42 9/020 42 1/036 67 6/061 47 5/077 19 0/032 36 3/037 47 5/027 59 2/030 64 7/041 51 3/028 40 3/061 28 5/051 22 9/046 41 19/009 39 7/010 64 3/007 46 3/056 19 3/035 34 4/014 46 3/014 58 2/008 62 3/007 53 1/055 41 3/071 28 9/061 23 1/048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1920
1921
1922
       1925 44.8/066 45 9/083 66 6/036 42 9/007 25 8/085 1926 44.8/068 44 9/078 66.8/040 43 8/016 20 7/046 1927 42 4/012 41 7/031 64 4/009 45 7/046 18 9/030 1928 44 3/063 44 3/072 64 2/005 45 5/035 14 4/065 1929 41 9/008 42 5/042 67 9/069 43 3/009 19 9/040 1930 44 5/064 44 3/072 68 4/076 44 9/072 62 7 8/089 1931 46 9/088 43 2/052 68 4/076 44 9/072 62 7 8/089 1931 46 9/088 43 2/052 69 7/086 47 3/074 20 8/047 1932 43 1/029 42 0/034 67 9/069 44 6/023 18 3/025 1933 45 4/078 42 6/046 70 1/088 48 1/083 26 2/086 1934 47 7/089 48 3/088 69 2/085 47 5/078 23 2/073
                                                                                                                                                                                                                                                                                                                                                               41.5/086 51.6/080 58.4/014 64.7/044 38.8/070 51 0/073 59.7/041 63.4/018 37.5/051 46.2/013 58.3/011 62.7/012 37.4/050 49.0/047 58.9/023 62.4/009 38.1/058 46.7/019 59.4/032 64.4/037 40.37/083 50.9/071 59.9/048 65.9/078 37.9/055 49.3/054 62.2/085 67.8/083 35.1/016 50.8/070 59.9/050 65.3/060 37.8/053 47.1/023 61.8/082 67.8/088 40.8/084 55.3/089 62.6/086 65.3/060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      47.8/001 34.7/004 31.3/085 27.5/084 50.4/018 38.9/030 27.9/044 23.7/055 53.4/062 39.8/047 27.0/030 22.9/045 51.4/062 39.8/048 25.5/015 19.3/012 50.8/022 37.9/020 28.1/046 22.7/041 50.9/024 38.2/022 32.0/086 28.6/088 55.3/083 40.0/051 27.3/033 21.7/027 50.2/016 37.9/020 27.3/033 21.7/027 50.2/016 37.9/020 27.3/033 21.7/027 50.2/016 37.9/020 27.3/033 25.5/074
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1925
1926
1927
1928
1929
1930
1931
1932
1933
       1935 43 9/052 40 4/013 67.7/067 44.0/017 13.0/003 1936 43.9/050 44 4/073 72.1/089 46.2/053 13.8/004 1937 43.0/026 43.2/053 68.9/082 46.7/065 20.8/049 1938 45.5/081 44.1/070 68.1/074 47.8/081 21.0/051 1939 46.1/085 45.7/082 67.3/053 48.4/086 21.6/060 1940 45.0/073 43.6/064 68.9/081 47.4/075 23.8/077 1941 45.5/080 44.9/078 67.7/065 45.6/043 22.1/067 1942 43.9/051 43.5/060 65.8/026 45.6/043 20.4/042 1943 44.2/060 41.4/023 67.1/047 47.0/069 23.6/076 1944 43.9/049 41.5/026 65.2/015 46.7/063 22.3/070
                                                                                                                                                                                                                                                                                                                                                              36. 0/033 44.5/006 59.5/036 65.7/070 52.4/047 36.3/008 36.4/040 50.8/067 63.8/089 69.1/089 53.2/058 39.2/035 36.4/040 50.8/067 63.8/089 69.1/089 53.2/058 39.2/035 36.3/039 49.8/060 62.1/084 66.9/084 54.3/079 39.7/044 40.0/079 48.5/039 61.5/079 68.8/083 57.3/087 40.2/056 38.9/072 52.3/085 61.5/079 65.7/072 53.8/069 42.1/079 37.4/049 49.0/048 63.0/088 67.5/086 57.7/088 39.3/039 38.3/061 51.5/079 60.5/064 64.8/046 50.8/023 40.4/062 39.8/077 49.2/051 58.7/021 63.5/019 52.1/038 40.3/059 36.6/042 49.8/059 59.8/046 64.8/047 53.5/066 41.4/073 33.6/010 49.9/061 60.2/055 63.4/016 54.2/074 40.9/067
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 23.2/004
24.4/007
29.0/063
28.3/049
29.5/070
29.1/067
30.2/075
27.8/042
28.6/054
28.9/062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1935
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6/005
8/007
5/066
9/058
4/064
7/077
6/069
4/024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1935
1936
1937
1938
1939
1940
1941
1943
1944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  24
23
24
25
24
21
23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    28.9/062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  25.6/075
       1945 43 3/031 42.1/035 64.9/013 45.1/031 21.5/056 1946 45.3/076 46.8/086 66.9/043 43.4/012 22.0/066 1947 44.1/055 41.3/022 67.0/044 46.3/058 20.5/043 1948 43 7/044 42.4/041 66.9/041 47.1/073 12.7/040 1948 43 7/044 42.4/041 66.9/041 47.1/073 12.7/040 1950 41.4/004 38.5/003 64.2/044 45.5/040 20.8/048 1951 40.8/002 39.3/007 63.8/002 42.5/005 17.9/021 1952 44.3/061 42.3/039 67.5/058 46.3/058 25.3/082 1953 46.2/086 41.2/020 67.7/066 49.9/088 25.4/083 1954 45.5/079 40.9/015 67.3/055 48.0/082 21.0/050
                                                                                                                                                                                                                                                                                                                                                             37.6/052 45.3/009 58.4/014 62.6/011 52.3/042 39.8/047 30.8/084 26.0/079 44.8/088 50.5/064 58.6/017 64.6/038 50.1/015 36.3/009 27.9/043 23.6/054 35.5/026 47.8/032 60.9/069 65.0/052 55.8/085 39.9/050 26.8/028 21.8/031 35.9/031 50.6/065 61.0/071 65.8/073 54.9/080 39.4/040 24.6/009 16.9/004 38.9/071 52.6/086 60.4/059 65.2/058 50.8/021 42.9/084 25.7/016 18.5/009 32.7/008 44.5/006 58.3/010 62.4/010 53.5/066 39.7/048 25.7/016 18.5/009 35.7/072 27.4/083 36.3/038 44.8/007 61.0/072 66.0/079 54.3/077 38.7/029 29.8/072 27.4/083 36.3/038 44.8/007 61.0/072 66.8/079 54.3/076 38.7/029 29.8/072 27.4/083 36.3/038 44.8/007 61.0/072 66.8/079 54.3/076 38.7/029 29.8/072 27.4/083 36.3/038 44.8/007 61.0/074 65.8/076 55.9/086 44.8/088 30.7/083 57.7/077 35.3/021 47.9/035 59.8/044 65.2/058 52.3/040 42.5/080 29.1/066 22.2/034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1945
1946
1947
1948
1949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1950
1951
1952
1953
1954
                                  42.9/023 42.6/044 68.0/073 43.4/012
44.2/059 42.0/033 67.7/065 46.9/068
43.8/048 42.4/040 67.4/056 44.6/023
44.9/072 43.5/059 65.8/023 47.1/072
43.7/042 43.1/051 68.6/079 42.2/004
43.7/045 41.5/028 67.6/060 47.0/071
44.8/067 43.3/055 69.8/087 43.4/010
44.2/058 42.5/043 65.6/021 48.1/084
45.8/084 45.0/080 68.4/075 51.2/089
43.7/043 42.2/037 66.6/036 45.0/029
                                                                                                                                                                                                                                                                                          17.3/016
19.7/039
25.8/084
18.6/028
21.1/058
24.3/079
17.6/018
21.2/054
22.0/065
18.2/024
                                                                                                                                                                                                                                                                                                                                                                                                                        50 9/072 61 2/078 65 6/069
47 8/032 61 2/077 65 5/063
47 7/029 59 7/042 64 7/044
51 2/076 60 9/067 64 2/033
47 5/028 59 6/038 65 6/066
49 2/052 60 9/088 65 7/071
47 0/022 60 4/060 65 6/068
50 6/066 59 8/045 63 4/017
49 3/056 62 9/087 67 0/085
50 0/062 60 0/051 63 9/027
                                                                                                                                                                                                                                                                                                                                                           36.0/032
35.2/018
36.5/041
35.5/026
38.8/068
35.3/021
38.1/058
36.2/036
40.2/082
35.2/018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 153 8/068 35 9/007 24 2/006

154 3/078 40 9/068 27 4/035

51 1/026 38 4/026 30 0/074

154 3/077 40 8/066 27 7/039

49 8/010 34 9/006 26 8/028

54 2/073 40 6/064 30 3/079

49 8/008 38 4/026 25 9/019

53 5/064 43 7/085 30 2/076

58 8/089 45 4/089 28 7/057

52 1/038 39 5/041 24 9/010
       1955
1956
1957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20.6/020
22.7/043
26.3/081
22.5/039
22.4/038
27.2/082
19.7/015
25.0/072
23.1/047
18.6/010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1955
1956
1957
1958
       1958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1959
1960
1961
1962
       1960
1961
1962
1963
1964
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1963
1964
                               42 9/019 39 2/006 65 9/027 44.5/020 18.9/031 32 2/004 48.8/045 58.4/012 43.4/036 43.2/054 67.2/050 45.8/047 22.6/071 37.3/047 47.5/027 60.6/065 44.0/053 41.5/028 66.0/028 46.8/066 20.2/041 37.0/045 46.1/011 59.4/035 43.5/039 43.4/056 65.4/018 45.9/048 15.5/010 39.9/078 46.2/013 58.6/016 43.2/030 42.8/049 66.3/031 45.5/038 21.9/063 36.0/034 51.9/082 59.4/035 43.3/033 40.3/012 69.0/083 43.6/014 18.7/029 33.0/009 47.1/024 60.3/056 43.3/033 42.6/045 67.7/062 44.7/025 17.3/017 37.2/046 48.8/043 59.6/040 42.5/015 44.1/070 66.3/035 45.0/03 19.5/037 38.8/070 48.8/043 59.6/040 42.5/015 44.1/070 66.3/035 43.5/031 39.5/037 38.8/070 48.8/043 59.6/040 44.6/065 43.6/063 67.9/072 44.9/027 21.6/059 38.6/065 47.3/025 60.5/063 44.9/069 43.5/061 67.3/053 46.2/052 20.7/045 39.2/073 48.7/041 59.8/044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61.5/004 49.6/006 42.6/082 27.6/037 65.4/062 53.4/063 38.6/028 28.7/058 64.7/040 54.0/071 39.8/049 28.8/058 63.4/016 52.5/048 40.0/053 25.2/013 65.0/053 50.7/020 37.6/018 27.8/041 65.9/077 49.9/011 37.2/016 26.9/029 64.8/045 50.7/020 39.0/032 27.0/031 63.8/025 50.0/014 37.2/015 27.7/031 65.0/052 52.8/052 39.3/038 28.7/057 64.4/035 52.3/041 41.5/076 26.8/028
     1965
1966
1967
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           22.9/044
25.0/073
24.6/070
17.7/006
23.1/050
21.6/026
21.7/029
23.6/054
24.5/067
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1966
1967
1968
1969
1970
1971
   1967
1968
1969
1970
1971
1972
1973
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              22.3/036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1974
                                                                                                                                                                                                                          45.0/029
44.6/024
45.5/035
45.0/030
46.3/054
47.0/070
47.6/079
43.7/015
46.1/051
-99.9/***
                                                                                                                                                                                                                                                                                                                                                         32.3/005
38.3/062
41.2/085
38.3/061
35.9/031
38.3/063
43.2/087
35.5/026
36.8/044
-99.9/***
                                                                                                                                                                                                                                                                                                                                                                                                                       45.1/008
50.8/070
53.6/088
49.2/051
46.3/015
52.1/084
51.2/077
46.6/017
45.3/010
-99.9/***
                                 42.9/018 39.1/005
45.1/075 44.0/068
44.9/072 46.9/087
41.9/005 43.5/059
42.4/013 41.2/020
45.0/074 44.5/074
46.6/087 46.6/085
42.1/010 41.3/021
44.2/058 41.4/025
                                                                                                                                                                                                                                                                                29 24.6/080

24 21.5/058

25 14.5/007

10 10.3/001

14 22.2/068

10 26.4/087

16.9/015

18.6/028

18.6/028

19.9/***
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               64.1/031 51.8/034 39.
65.8/075 51.8/034 36.
65.0/050 52.9/054 39.
64.8/049 54.3/075 37.
65.5/064 55.2/081 38.
65.2/058 52.6/050 41.
65.4/061 52.6/050 41.
63.8/026 51.2/027 36.
66.1/080 52.8/053 40.
-99.9/***-99.9/***-99
                                                                                                                                                             66.7/038
67.7/065
67.2/051
66.2/030
66.7/039
67.3/055
67.1/049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   59.4/033
60.3/057
61.0/071
60.1/054
60.4/058
60.6/066
60.0/052
58.9/022
60.5/063
-99.9/***
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .3/038 30.3/079 26.0/080

.8/012 29.5/069 24.5/068

.0/033 25.1/011 18.9/011

.0/014 21.6/001 15.5/010

.4/024 28.6/054 23.9/059

.1/069 33.6/088 29.2/089

.3/072 26.6/024 20.4/019

.9/013 30.3/077 28.3/087

.2/056-99.9/*** 21.7/028

9/***-99.9/***-99.9/***
     1975
  1975
1976
1977
1978
1979
1980
1981
1982
                                                    .9/018
.1/075
.9/072
.9/005
.4/013
.0/074
.6/087
.1/010
.2/058
.9/***
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1975
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1975
1976
1977
1978
1979
1980
1981
1982
1983
                                                                                                                                                                                  0/029
                                                                                                                                                               66
                                   99
 MAX
                                                  47.7
                                                                                                                48.8
                                                                                                                                                                             72.1
                                                                                                                                                                                                                                           51.2
                                                                                                                                                                                                                                                                                                         27.8
                                                                                                                                                                                                                                                                                                                                                                          47.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 69.1
                                                                                                                                                                                                                                                                                                                                                                                                                                       55.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   63 B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  58.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                45.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               33.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           29.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MAX
MIN
                                                  40.8
                                                                                                                37.8
                                                                                                                                                                             62.1
                                                                                                                                                                                                                                        39.8
                                                                                                                                                                                                                                                                                                         10.3
                                                                                                                                                                                                                                                                                                                                                                                                                                       43.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   56.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  47.B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               31.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               21.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             15.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MIN
                                                  43.8
                                                                                                                42.7
                                                                                                                                                                             66.8
AVE
                                                                                                                                                                                                                                                                                                         20.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               39.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AVE
STDEV
                                                                                                                    2.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.4 **
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STDEV
                                                                                                                39.1
                                                                                                                                                                                                                                                                                                          13.8
                                                                                                                                                                                                                                                                                                                                                                                                                                       44.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  57.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                61.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                49.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              34 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            23.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          16.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5 T H %
95TH%
                                                                                                                                                                                                                                                                                                                                                                                                                                       52.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  62.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                67.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              43.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            30.B
                                                                                                                                                                     89
                                                                                                                                                                                                                                                                                                                                                                                                                                 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          89
# YRS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          89
                                                           89
                                                                                                                          89
                                                                                                                                                                                                                                                       89
                                                                                                                                                                                                                                                                                                                      89
                                                                                                                                                                                                                                                                                                                                                                                    89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         88
                                   JAN-DEC MAR-MAY JUN-AUG SEP-NOV DEC-FEB HAR-APR APR-MAY MAY-OCT JUN-SEP SEP-OCT DCT-NOV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NOV-APR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DEC-MAR
```

```
MAR-MAY JUN-AUG SEP-NOV DEC-FEB
61.7/018 78.3/048 64.4/040 46.6/029
64.6/070 78.9/072 65.8/071 46.9/034
63.4/060 79.0/074 65.2/058 48.3/055
63.6/063 79.0/075 63.8/024 45.2/017
63.3/055 79.4/082 64.8/050 45.6/021
62.0/027 79.4/082 67.4/086 45.9/027
60.5/060 78.7/062 61.9/004 43.5/008
63.4/057 79.3/079 65.9/075 47.7/051
63.3/033 77.4/016 63.9/025 43.1/003
                                                                                                                                                                                                                                                                                                                                                                                                                 APR-MAY
65.4/017
70.6/089
65.6/022
65.8/024
67.1/059
66.7/045
63.7/045
63.7/045
63.7/063
65.3/015
64.9/010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JUN-SEP
77.9/067
77.9/066
77.6/057
78.1/073
77.7/064
78.8/086
77.3/048
77.7/064
76.3/015
76.8/028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0CT-NOV
58.1/015
61.3/077
61.0/070
58.1/015
60.8/065
62.5/084
56.4/003
62.4/083
57.7/007
58.4/017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MAY-0CT
73.7/031
74.9/076
74.2/051
74.7/067
75.0/077
75.7/087
73.8/036
75.0/079
73.1/011
73.5/026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEP-0CT
69.1/036
68.9/034
69.8/056
69.4/049
69.1/038
72.9/086
68.3/021
69.1/036
68.1/018
69.4/049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NOV-APR
52.3/037
53.6/059
53.2/052
50.8/013
51.4/024
50.9/017
49.3/001
54.0/066
50.0/006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DEC-MAR
48.1/02
49.9/05
51.1/06
47.8/02
47.3/01
47.9/02
46.4/00
50.9/06
47.1/01
46.9/01
           YEAR JAN-DEC
1895 62.0/012
1896 63.9/068
1897 63.8/064
1898 63.5/044
1899 63.2/035
1900 63.7/056
1901 61.5/001
1902 63.3/039
1903 62.5/019
1904 62.2/016
                                                                                                                                                                                                                                                                                                                                                                        R-APR
.1/031
.5/054
.7/068
.2/033
.8/025
.6/005
.2/032
.7/067
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             C-MAR
.1/028
.9/050
.1/067
.8/024
.3/017
.9/025
.4/008
.9/064
.1/014
                                                                                                                                                                                                                                                                                                                                                      58
59
69
58
57
58
60
58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1900
1901
1902
1903
                                      62 9/030 65.0/081
63.5/046 62.0/024
63.5/045 63.1/050
63.9/065 66.5/089
63.7/055 62.8/043
62.5/020 63.8/068
65.0/087 63.4/060
62.7/025 63.6/062
64.0/071 63.4/060
62.9/029 61.8/021
                                                                                                                                                                78. 3/049 65. 3/064 47. 2/040 60. 8/070 68. 3/078
78. 6/059 65. 2/061 50. 1/073 58. 0/029 67. 0/054
77. 7/028 63. 7/020 45. 8/024 60. 0/064 63. 4/002
77. 9/033 64. 1/032 51. 3/080 64. 1/088 69. 1/087
78. 3/048 64. 9/051 45. 1/016 59. 5/057 66. 5/038
76. 9/080 64. 5/045 48. 7/057 61. 2/075 65. 7/023
78. 9/066 66. 4/080 45. 4/019 59. 0/047 67. 1/059
77. 3/014 65. 1/057 51. 0/079 59. 4/052 68. 3/079
78. 2/044 63. 7/017 47. 7/051 59. 7/059 66. 3/034
79. 6/085 63. 7/017 46. 8/033 57. 0/012 67. 4/067
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           74.8/070 77.7/059 70.1/062
74.2/050 78.2/077 69.8/059
73.3/020 77.1/041 68.8/033
73.4/021 76.6/024 67.7/013
73.3/017 77.0/036 67.8/015
73.7/032 76.6/021 71.2/071
75.8/088 78.7/085 73.2/087
74.4/057 77.1/045 71.4/074
73.4/024 76.7/026 67.6/012
74.6/065 77.7/064 68.6/026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60.1/053
59.3/036
57.9/012
59.8/048
60.8/065
58.9/026
60.4/056
69.4/039
59.3/038
59.4/040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           52 2/035
54 4/076
53 2/051
55 0/083
52 8/040
52 6/040
51 3/022
54 2/072
52 1/033
50 8/016
            1905
1906
1907
1908
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3/029
2/085
7/047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      48.3/029
53.2/085
49.7/047
52.3/076
48.8/038
50.5/056
47.5/020
52.6/081
48.4/032
46.9/012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1906
1907
1908
             1909
1910
1911
1912
                                      63 2/038
63 6/050
61 8/007
63 6/051
64 3/075
62 4/018
65 5/089
64 9/084
63 8/060
62 6/021
                                                                                                 61.2/011
62.6/038
62.2/030
64.6/077
63.3/055
61.2/010
65.3/084
64.6/075
62.6/038
60.6/007
                                                                                                                                                              78.2/046
77.6/025
77.6/024
77.8/030
77.9/035
77.2/011
78.9/072
77.9/035
77.8/029
78.8/065
                                                                                                                                                                                                                          66.7/082 49.0/063
64.3/036 49.0/062
61.2/002 43.9/012
64.3/036 48.8/058
68.4/089 46.7/031
64.5/045 49.2/066
67.2/085 50.5/076
65.9/075 50.5/076
63.8/021 49.2/066
63.5/012 50.3/074
                                                                                                                                                                                                                                                                                                                                                                       5/004 68.1/074
4/017 67.2/060
1/065 65.1/014
8/070 66.6/043
8/060 66.3/034
7/024 65.1/013
5/087 66.1/028
3/076 68.3/083
5/057 65.6/021
9/011 65.0/011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           75.1/081
73.9/041
71.8/003
74.1/047
75.3/083
73.3/020
74.8/070
74.4/056
73.4/024
73.2/015
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 71.6/077
68.8/033
65.9/003
69.3/044
73.8/089
70.1/062
71.6/079
70.6/066
69.3/044
67.5/011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      77.7/060
76.4/017
76.2/012
75.9/005
77.0/037
76.8/031
79.1/087
77.3/048
77.1/045
76.9/035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             62.0/081
60.2/054
55.8/002
61.3/077
65.4/089
59.1/030
61.0/070
61.2/072
58.6/013
           1915
1916
1917
1918
1919
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          50
                                                                                                                                                                                                                                                                                                                                                    55
57
60
59
57
61
59
56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1/048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1/052
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .1/048
.7/062
.8/014
.4/056
.2/036
.6/078
.4/085
.5/077
.3/038
.9/081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       50.1/052
50.8/061
48.1/028
50.9/062
48.4/031
52.8/082
52.1/073
52.0/071
49.8/049
           1920
1921
1922
1923
1924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1920
1921
1922
1923
1924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 59.6/045
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        52.1/072
        1925 64 8/082
1926 63 2/036
1927 65 0/085
1928 62 9/031
1929 63 7/057
1930 63 4/041
1931 64 4/07/
1932 64 8/083
1933 65 2/088
1934 63 8/063
                                                                                                                                                            79.6/084 66.1/079
78.4/056 65.2/059
77.3/013 67.2/084
78.2/045 64.6/047
77.3/012 64.4/040
78.2/043 64.2/033
79.1/076 68.4/088
79.5/083 63.7/020
78.4/084 66.0/076
79.8/086 66.1/078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       51.2/021
54.8/080
53.0/046
54.0/067
53.5/058
50.5/009
57.3/088
54.2/070
53.1/049
54.2/071
                                                                                                 63.8/068
60.3/005
64.5/074
61.4/013
65.2/083
62.7/040
59.8/002
61.5/015
64.1/071
62.5/036
                                                                                                                                                                                                                                                                                      47.8/052 61.5/078
51.8/084 55.4/003
47.6/046 60.8/072
48.2/054 58.1/031
49.6/070 62.6/085
46.3/028 57.9/025
56.2/089 55.3/002
51.7/083 57.4/018
49.2/068 58.8/042
48.1/053 58.5/038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    79.8/089
78.2/076
76.9/033
76.7/027
76.4/016
77.9/068
78.7/084
78.1/075
78.3/078
78.6/082
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                72.6/085
71.8/081
71.8/087
71.055
68.3/022
69.6/053
72.4/084
69.4/047
72.0/083
70.6/065
                                                                                                                                                                                                                                                                                                                                                                                                             67.0/053
65.4/019
68.3/083
64.3/005
68.1/074
67.8/071
64.7/008
66.3/030
68.6/085
67.0/053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4/084
8/072
4/056
7/033
7/012
3/052
1/081
5/061
6/086
1/082
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                .8/023
1/031
9/086
8/066
7/046
7/008
8/088
5/018
9/052
.5/079
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      48.3/030
53.0/084
49.7/047
51.0/065
50.3/054
47.2/016
55.1/089
52.6/080
50.3/055
51.2/068
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1925
1926
1927
1928
1929
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          75
74
73
73
74
75
74
75
75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              58
59
62
60
59
57
63
58
59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1930
1931
1932
1933
1934
                                                                                                                                                                                .6/060 65.7/069 43.5/009 61.8/081 67.0/053 74.4/059
.4/080 65.8/071 52.1/085 59.8/061 66.8/049 75.6/086
.9/072 62.3/005 49.2/068 57.5/021 66.4/036 73.7/034
.1/039 65.3/063 50.5/077 62.4/083 67.6/069 74.1/047
.7/061 65.1/056 43.6/010 60.5/066 66.3/031 74.8/072
.1/039 63.8/023 47.4/042 57.1/013 64.8/009 73.2/015
.0/073 67.8/087 46.7/030 57.3/016 68.3/077 76.0/089
.9/067 65.6/067 48.9/060 59.5/054 67.4/067 74.6/068
.0/088 62.7/007 49.1/064 57.9/028 67.1/056 74.5/063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   77. 4/054 69.8/059 61.6/080 51.3/023
78.6/082 71.8/082 60.5/059 54.2/073
77.3/050 67.4/010 57.3/005 54.1/068
77.1/045 69.2/039 60.8/065 55.0/082
78.0/070 71.4/076 59.5/042 49.6/004
76.6/024 68.1/019 59.6/045 52.0/030
78.4/079 73.8/088 63.3/087 52.5/039
77.7/064 69.8/059 61.3/074 53.3/054
78.0/071 67.4/010 57.9/011 53.1/050
77.9/066 69.6/054 58.9/024 54.4/075
        1935 63 8/061
1936 63 9/068
1937 63 5/048
1938 64 6/080
1939 64 6/079
1940 61 9/010
1941 64 0/069
1942 63 4/042
1943 63 5/047
1944 63 7/058
                                                                                                 64.9/080
63.9/070
62.0/025
65.5/085
63.7/065
60.9/009
62.1/028
63.4/057
62.8/043
63.7/064
                                                                                                                                                              78
79
78
78
78
78
79
78
80
78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       47.2/015
52.4/077
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1935
1936
1937
1938
1939
1940
1941
1942
1943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .4/077
.2/074
5/079
.0/006
.0/026
.8/037
.2/053
.8/061
.5/070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   52
46
48
50
51
        1945 64 3/076 65 3/088
1946 64 7/081 65 1/082
1947 63 1/034 61 7/019
1948 64 2/074 65 5/086
1949 65 0/086 62 9/046
1950 63 7/054 61 9/023
1951 63 9/066 62 3/032
1951 64 0/070 62 7/041
1953 64 5/078 64 8/079
1954 64 1/072 62 8/044
                                                                                                                                                          78.4/054
77.1/010
77.4/016
78.5/057
78.6/059
77.5/022
79.2/077
80.3/089
78.8/064
79.9/087
                                                                                                                                                                                                                      65.8/072 47.5/043 65.1/089 67.4/067 66.4/081 48.9/061 62.5/084 67.4/063 65.7/069 47.0/037 57.3/015 68.2/076 64.7/049 53.9/087 62.6/086 68.8/046 65.0/053 53.9/088 58.8/041 66.8/046 63.8/022 47.0/037 56.7/010 66.1/028 64.5/045 51.5/082 58.6/040 65.6/021 62.9/009 49.4/069 58.4/036 66.6/041 64.4/041 49.7/071 59.9/063 68.3/083 65.0/052 46.9/035 60.8/072 67.0/053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  78.0/070 70.5/064 60.3/055
76.1/009 69.3/042 62.9/086
76.8/031 71.7/080 61.0/070
77.1/041 70.8/068 61.2/071
76.3/013 69.9/060 59.3/038
78.1/075 71.1/070 59.3/034
78.4/080 66.9/006 57.8/010
77.4/056 69.5/050 59.8/051
79.1/088 71.3/073 58.9/026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      54.0/065
53.6/061
53.3/055
56.4/087
54.7/079
51.6/028
53.8/064
53.8/064
54.1/069
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  50.7/059
48.9/039
50.0/051
54.2/088
53.8/087
49.1/041
52.4/078
51.5/069
50.9/063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1945
1946
1947
1948
1949
1950
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       74
73
74
73
74
74
74
75
74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1/049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1/049
3/020
3/054
6/030
8/068
1/047
9/075
3/053
0/078
9/073
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1952
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           9/045
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    49.8/048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1954
                                   63.6/052 65.6/087 77.7/026 64.3/034 47 7/051 62.1/082 69.1/088 74.1/047 77.1/041 63.8/062 62.5/036 78.2/042 63.7/017 53.2/086 57.9/028 66.4/036 74.0/043 76.6/021 64.2/073 63.5/061 78.1/036 64.1/030 43.4/007 59.5/057 68.3/083 73.6/030 77.3/050 61.8/007 61.6/016 78.4/054 65.2/061 47.0/038 57.2/014 66.0/043 73.8/036 77.4/053 63.8/059 63.2/051 78.4/055 65.3/063 47.2/040 58.4/034 68.1/075 74.9/075 77.4/053 62.1/014 59.5/001 78.2/042 65.5/066 45.4/020 55.0/001 66.6/039 73.9/040 77.2/046 62.8/026 61.5/015 76.9/007 65.4/065 48.9/050 58.4/036 63.1/001 72.8/008 76.4/019 62.8/028 62.2/031 77.9/032 63.7/020 43.2/005 56.2/008 67.4/067 74.4/060 76.6/024 61.9/009 64.2/072 77.4/019 63.9/027 43.1/004 61.3/077 67.3/061 73.2/015 76.1/008 62.8/027 63.2/052 77.5/020 64.0/028 48.4/056 59.4/052 67.1/059 72.8/009 76.4/018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            69 5/052
68 8/033
67 8/014
68 7/029
70 8/067
70 2/063
69 1/038
69 4/047
68 6/024
66 9/006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         58.7/021
59.5/041
58.8/022
60.7/061
60.8/062
61.0/067
60.5/059
59.1/030
59.8/051
59.3/036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .1/032
.3/084
.2/008
.7/0018
.5/026
.8/044
.8/013
.5/010
.4/057
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      49.4/042

53.4/086

45.4/002

48.5/034

46.7/010

48.6/035

49.6/045

46.9/013

46.1/007

49.5/043
        1956
1957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1956
1957
1958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1959
1960
1961
1962
       1964 62.8/027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1964
     1965 63 1/033 63 3/055
1966 61 8/005 61 4/013
1967 62 3/017 63 9/070
1968 61 7/004 62 1/029
1969 61 7/003 60 8/008
1970 62 7/025 63 1/050
1971 63 2/037 59 9/003
1972 63 1/032 62 0/027
1973 63 4/040 62 7/040
                                                                                                                                                                                                                                                                                 45.7/022
46.8/033
45.4/004
47.6/046
51.4/081
47.6/046
51.0/078
50.0/072
                                                                                                                                                          76.9/006
77.0/009
75.8/001
78.1/039
78.2/042
77.7/028
77.4/018
76.4/004
77.8/031
                                                                                                                                                                                                                    64.7/049
63.6/013
61.2/003
63.6/014
63.1/011
65.0/054
65.9/073
64.1/032
66.8/083
                                                                                                                                                                                                                                                                                                                                                                 6/039 68 5/084
5/021 65 4/019
8/081 67 1/055
9/043 66 3/029
4/009 66 7/045
3/050 67 7/070
0/007 64 3/007
9/045 65 4/017
9/063 64 3/007
9/073 66 8/047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    73.4/025
72.7/006
71.1/001
73.4/022
73.6/030
74.4/059
73.8/038
72.6/005
74.0/042
72.2/004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               76 3/014 68 7/029
75 9/005 68 0/017
74 1/001 65 8/002
76 8/032 68 8/030
76 7/025 68 6/026
77 4/056 71 4/076
76 8/031 71 6/079
76 0/007 69 3/040
77 4/053 71 1/069
75 3/003 66 8/004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  51.5/025
53.1/048
51.0/019
50.0/006
50.1/007
51.2/020
54.4/074
52.8/042
55.5/086
53.2/053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              47.6/021
49.5/044
47.5/018
45.7/003
46.0/005
48.4/033
52.3/075
50.5/058
53.0/083
51.0/066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        59.8/048
59.0/028
57.1/004
59.0/028
58.5/019
59.2/033
61.4/078
58.7/021
62.1/082
57.8/009
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1965
1966
1967
1968
1969
1970
1971
1972
                                                                                                                                                                                                                                                                                                                                              58
57
61
58
56
59
56
58
59
                                   63
                                                      6/049
                                                                                                64.3/073
                                                                                                                                                          76.3/002
                                                                                                                                                                                                                     62
                                                                                                                                                                                                                                          6/006
                                                                                                                                                                                                                                                                                                                                               ьó
                                                                                                                                                                                                                                                                                                                                            57.5/021
61.0/079
61.6/079
57.7/024
59.6/058
57.7/024
58.9/045
58.9/045
59.0/046
56.0/007
 1975 63.6/053 62
1976 61.5/002 63.
1977 62.7/023 64.
1978 62.2/015 61.
1979 62.1/013 62.
1980 62.6/022 61.
1981 61.9/011 61.
1982 63.4/043 63.
1983 61.9/008 60.
1984-99 9/****
                                                                                                                                                                            4/018
3/003
9/069
3/051
9/006
3/078
9/069
5/022
3/051
                                                                                                                                                                                                                    65.1/056
60.0/001
64.6/046
66.1/077
64.3/037
64.1/029
62.9/010
64.4/040
63.9/027
-99.9/***
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           69.3/042
65.6/001
68.4/023
69.4/047
68.3/021
69.5/052
67.1/007
68.0/017
68.7/029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  53.6/060
49.5/002
49.6/003
52.2/035
51.6/027
50.8/016
51.7/029
52.0/031
-99.9/***
                                                                                                               4/034
1/047
8/078
6/017
9/045
8/021
9/022
1/050
2/004
                                                                                                                                                                                                                                                                                                    .7/047
.7/002
.6/001
.8/015
.6/013
.9/025
.7/048
.7/023
.9/***
                                                                                                                                                                                                                                                                                                                                                                                                       66.6/041
65.1/013
67.9/072
66.3/034
66.5/037
66.1/025
65.8/049
66.1/025
63.5/003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .8/037
.2/002
.1/048
.9/039
.7/007
.5/062
.1/010
.3/017
.5/027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .2/012
.2/002
.1/072
.6/058
.6/058
.7/084
.1/045
.1/010
.9/034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .5/057
.9/004
.2/001
.5/019
.7/023
.4/009
.7/036
                                                                                                                                                         77
76
78
78
76
79
78
77
78
                                                                                                                                                                                                                                                                                  47
41
44
45
47
45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     73
71
74
73
72
74
73
73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  76
75
77
77
76
77
76
77
76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        61
54
59
61
59
57
58
60
59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3/077
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 50
45
44
47
46
48
49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1975
1976
1977
1978
1979
1980
1981
1982
1983
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .3/077
.0/001
.1/032
.3/074
.8/051
.6/006
.4/017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6/045-99
                                                                                                                                                                          80.3
                                                                                                                                                                                                                                    68.4
                                                                                                                                                                                                                                                                                                 56.2
                                                                                                                                                                                                                                                                                                                                                             65.1
                                                                                                                                                                                                                                                                                                                                                                                                                       70.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    76.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                79.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       65.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   57.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               55.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MAX
                                                                                                                                                                        75.8
 MIN
                                                 61.5
                                                                                                           59.5
                                                                                                                                                                                                                                    60.0
                                                                                                                                                                                                                                                                                                 41.6
                                                                                                                                                                                                                                                                                                                                                             55.0
                                                                                                                                                                                                                                                                                                                                                                                                                       63.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   71.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                74.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            65.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       54.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   49.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               44 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MIN
 AVE
                                                 63.3
                                                                                                           62.9
                                                                                                                                                                          78.2
                                                                                                                                                                                                                                                                                                                                                             59.1
                                                                                                                                                                                                                                                                                                                                                                                                                       66.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    74.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                77.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            69.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AVE
STDEV
                                                      1.0
                                                                                                               15
                                                                                                                                                                                                                                                                                                      2.9
                                                                                                                                                                                                                                                                                                                                                               2.1
                                                                                                                                                                                                                                                                                                                                                                                                                           1.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STDEV
5 TH%
                                                61.7
                                                                                                           60.2
                                                                                                                                                                                                                                    61.9
                                                                                                                                                                        76.4
                                                                                                                                                                                                                                                                                                43.1
                                                                                                                                                                                                                                                                                                                                                           55.5
                                                                                                                                                                                                                                                                                                                                                                                                                       63.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   72.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               75.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   49.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               45.9
95TH%
                                             65 0
                                                                                                          65 5
                                                                                                                                                                       79.6
                                                                                                                                                                                                                                   67.2
                                                                                                                                                                                                                                                                                               52.1
                                                                                                                                                                                                                                                                                                                                                                                                                       68 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       62.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   55.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               53.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               95TH2
# YRS
                                                           89
                                                                                                                       89
                                                                                                                                                                                   89
                                                                                                                                                                                                                                                 89
                                                                                                                                                                                                                                                                                                           89
                                                                                                                                                                                                                                                                                                                                                                       89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              88
                                   JAN-DEC
                                                                                            MAR-MAY
                                                                                                                                                            JUN-AUG
                                                                                                                                                                                                                     SEP-NOV
                                                                                                                                                                                                                                                                                 DEC-FEB
                                                                                                                                                                                                                                                                                                                                            MAR-APR
                                                                                                                                                                                                                                                                                                                                                                                                  APR-MAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MAY~OCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              JUN-SEP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEP-OCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0CT-NOV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NOV-APR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DEC-MAR
```

		TEMPERATU	RE (F) FOR CENTRAL			
YEAR JAN-DEC MAR-MAY 1895 52 5/007 52 9/035 1896 54 9/063 56.2/083 1897 54 5/051 52.7/032 1898 54.5/053 54.1/054 1899 53.9/038 53.5/043 1900 55.1/067 52.8/034 1901 53.5/027 51.8/015 1902 53.8/035 55.0/068 1903 53.2/017 56.1/079 1904 52.3/004 51.8/014	6 74.2/043 54.7/018 8 74.3/045 54.5/014 2 73.9/038 58.8/083 175.2/064 55.1/022 8 75.4/068 58.1/074 1 75.7/073 59.3/087 5 77.2/087 55.0/019 8 73.3/026 57.7/069 8 73.3/026 47.0/05	1 33 8/049 49 3/05 3 34 4/060 49 0/05 2 28 2/009 48 9/05 1 31 6/025 47 2/03 7 32 1/033 46 7/02 3 28 3/010 46 6/02 3 31 9/030 48 7/05 3 27 9/008 51 3/07	9 58.8/042 67.9/02 9 65.3/089 68.5/04' 6 56.5/013 69.0/05' 3 60.5/072 69.8/07' 7 59.8/063 71.0/08 3 56.3/011 69.7/07' 3 60.0/066 68.4/03' 3 59.7/062 67.4/01'	7 73 5/061 60 6/01 72 1/033 59 1/00 8 73 2/058 66 1/08 1 74 0/069 62 4/05 7 74 6/081 66 9/08 2 74 7/082 62 1/04 9 71 1/012 61 3/02 7 70 7/009 61 5/03	6 49 1/026 40.8/05 5 52.6/074 40.9/05 0 47.5/006 36.6/00 9 53.9/086 39.3/02 9 53.3/080 38.9/02 4 48.8/022 37.1/00 4 54.3/087 41.5/07 3 48 1/015 36.0/00	12 35 2/038 1895 14 36 6/057 1896 16 37 6/068 1897 15 31 0/005 1898 19 33 4/021 1899 15 34 8/035 1900 19 32 4/015 1901 0 36 1/050 1902 12 31 9/011 1903
1907 53.8/034 52.3/024 1908 55.5/075 56.5/084 1909 54.4/048 52.6/031 1910 53.6/028 55.5/075 1911 55.8/079 54.7/065 1912 52.6/009 52.6/030	7 74.0/040 56.6/048 1 73.0/023 54.5/012 1 73.9/038 57.3/065 74.4/051 57.4/066 6 72.7/016 55.9/034 6 75.1/063 56.0/038 1 72.7/015 57.0/038 76.6/081 57.2/064	3 35.3/072 46.1/01 2 34.0/051 49.0/05 5 36.8/082 52.1/08 5 29.1/014 47.9/04 1 34.6/062 53.6/08 3 28.9/013 48.0/04 6 35.1/071 46.0/00 1 34.2/053 48.2/04	1 61,0/080 69,0/05/ 7 52.6/001 66.5/00/ 1 60.4/070 68.8/05/ 2 57.7/025 67.5/01/ 6 56.7/016 67.6/01/ 3 60.1/067 70.3/08/ 9 60.6/073 68.4/04/ 5 59.1/049 69.4/06/	5 73 4/060 63 3/05° 5 71 6/022 60 6/01° 5 73 0/052 62 9/05° 7 72 4/037 59 9/01° 8 71 8/030 64 1/06° 7 4 3/074 64 3/07° 7 1 8/029 63 4/06° 7 7 4 4/075 61 3/02°	9 49 2/027 41 2/06 6 47 9/010 41 4/06 5 50 8/048 42 0/07 0 52 8/076 41 1/06 9 49 3/028 39 9/03 2 48 1/015 36 4/00 0 50 8/048 41 0/06 5 51 9/062 40 9/06	33 39 3/086 1906 8 37 6/070 1907 7 38 2/077 1908 22 35 1/037 1909 6 36 9/065 1910 3 30 8/003 1911 1 36 9/065 1912 0 35 7/047 1913
1915 54 0/039 52.6/030 1916 54 2/045 53.1/036 1917 51 4/001 51.3/009 1918 54 4/050 56.1/080 1919 55 2/068 53.6/047 1920 53.5/025 52.0/017 1921 57 7/089 58.0/088 1922 56.0/081 56.2/082 1923 54 6/057 51.9/016	. 74.7/058 56.0/036 172.4/009 52.7/002 175.3/066 55.1/021 75.7/072 58.2/076 172.6/012 57.2/064 176.7/083 58.3/079 174.6/053 58.6/087 174.4/051 55.3/027	3 31 6/024 47 0/03 2 25 8/003 48 3/04 37 1/084 50 2/06 3 30 1/018 49 7/06 3 30 1/018 49 6/08 3 34 9/067 54 6/08 3 4 8/064 51 0/08 3 4 2/055 46 9/03	1 58.8/041 68.6/041 7 55.0/004 64.9/00 5 59.5/058 69.1/06 3 57.8/030 69.9/07: 3 55.9/006 68.3/03 8 60.6/074 70.7/08 9 61.4/083 69.9/07: 9 57.2/019 67.8/02:	72.5/042 61.2/02; 70.7/009 57.4/00; 71.8/027 60.4/01; 74.2/072 65.5/08; 71.8/027 64.8/07; 75.8/088 64.5/07; 75.8/088 64.5/07; 72.8/047 60.8/01;	2 50.9/050 39.5/03 1 46.2/003 36.8/00 3 52.0/063 42.5/08 2 52.4/070 38.0/01 5 51.0/055 43.8/08 5 51.0/055 42.1/07 7 52.5/072 40.8/05 48.9/024 40.1/04	11 34.7/032 1916 7 31.7/008 1917 3 39.1/084 1918 5 33.6/024 1919 7 41.1/089 1920 9 37.6/069 1921 4 36.4/054 1922 0 35.3/040 1923
1925 54.9/062 55.0/069 1926 53.5/026 50.4/003 1927 55.3/073 55.0/067 1928 54.1/043 55.3/024 1929 53.4/023 55.8/078 1930 55.2/070 54.5/064 1931 57.0/088 51.2/070 1932 55.3/072 52.2/022 1933 56.4/085 54.3/058 1934 55.8/078 54.0/052	73.9/034 55.7/030 71.5/002 59.5/088 73.2/024 56.1/040 73.0/020 54.4/010 75.5/069 56.5/047 75.8/077 62.0/089 75.6/070 54.5/017 75.8/076 57.4/067	0 35.4/073 43.2/00 1 33.6/045 50.8/061 1 30.8/020 46.9/031 0 35.0/070 52.9/081 35.9/077 49.4/06 1 41.8/089 46.3/018 36.1/078 46.1/01 34.9/067 48.3/058	1 56.8/017 68.8/057 8 59.4/057 68.0/03(0 56.7/014 67.7/021 3 59.3/051 67.1/011 1 60.7/076 69.3/066 3 57.3/020 70.3/08(0 59.4/057 69.0/056	72.9/049 63.3/05/ 71.3/014 65.2/08/ 70.9/010 61.7/036/ 71.6/019 61.2/02/ 74.2/072 62.3/04/ 75.3/085 66.8/086/ 73.5/062 61.5/03/ 75.1/084 64.3/072	3 48.6/021 41.4/06 1 53.9/085 40.5/04 5 52.2/066 40.5/04 3 47.9/010 40.8/05 3 56.3/089 45.0/08 4 48.0/012 40.9/06 4 49.5/031 40.5/04	7 38.1/075 1926 6 36.1/049 1927 7 35.3/041 1928 5 36.8/061 1929 7 36.7/058 1930 8 40.8/08B 1931 8 37.8/071 1932 9 36.2/051 1933
1939 56.1/082 54.4/062	78.6/089 56.7/051 75.3/066 54.0/007 75.1/062 58.3/078 75.0/060 58.2/074 74.5/052 56.2/044 75.6/071 59.1/086 74.7/058 56.9/054 76.7/084 53.9/004	35.8/075 49.2/056 35.5/074 46.4/026 35.9/077 53.6/085 29.6/016 48.7/056 34.6/063 46.3/018 33.9/050 48.3/045 33.8/049 51.5/078	8 59,0/047 71,9/085 5 58.8/041 68.5/044 6 60.0/066 69.7/071 1 58.7/038 70.5/083 8 56.4/012 68.4/040 8 62.5/086 71.0/086 6 60.8/078 68.6/04 5 58.2/031 69.0/056	77.0/089 64.4/073 73.1/054 60.5/015 73.6/063 64.5/075 74.4/077 66.0/083 72.4/039 62.9/054 74.5/078 66.1/085 72.6/046 61.8/040	3 48 9/023 40.2/04 5 47 7/007 42 4/08 5 52 9/077 41 8/07 8 50 8/046 37 3/01. 1 51 1/058 40 5/04 5 53 1/079 41 6/07. 0 52 1/064 40 1/04 48 4/020 40 0/03	2 36.7/059 1936 1 39.4/087 1937 3 38.4/081 1938 2 32.4/014 1939 9 35.5/043 1940 2 36.8/061 1941 1 35.3/040 1942 9 36.5/056 1943
1947 54.0/040 50.6/004 1948 54.6/056 55.2/072 1949 55.7/076 53.8/049 1950 53.3/021 51.6/013 1951 53.6/030 52.5/028 1952 55.5/074 53.1/037	73.0/021 58.3/077 74.4/047 58.1/073 74.3/044 56.6/049 75.8/075 56.0/036 71.6/004 55.4/028 73.7/031 54.0/006 76.9/086 54.4/007	34.2/055 55.3/089 31.6/027 45.5/006 37.2/085 51.6/076 38.0/088 47.9/042 32.3/035 44.8/003 36.7/081 46.6/023 37.2/087 47.9/043 37.0/083 48.3/048	1 59.1/049 67.8/025 57.8/030 69.5/069 60.4/071 67.9/028 59.0/047 69.3/066 157.4/022 67.8/024 157.8/030 68.2/033 58.7/039 68.8/030 58.4/034 70.6/084	71. 5/017 63.4/061 73.1/055 66.5/087 72.9/050 61.3/026 72.5/042 61.4/032 70.2/003 63.4/063 71.7/024 61.9/041 74.4/076 59.1/080 74.5/080 64.2/070	53.8/084 40.3/04/ 52.3/068 39.9/03/ 550.6/045 42.4/08/ 550.5/073 41.4/06/ 550.1/041 38.2/01/ 48.1/016 40.7/05/ 48.2/017 42.2/08/ 52.3/067 42.9/08/	3 34.7/034 1946 5 34.9/036 1947 2 38.7/083 1948 9 38.5/082 1949 6 34.7/033 1950 1 38.0/073 1951 0 39.3/085 1952 6 38.1/075 1953
1957 54.8/061 54.3/059 1958 52.6/009 52.1/020 1959 54.8/060 55.0/067	74.4/051 57.1/061 74.6/054 54.6/016 72.9/019 57.0/059 75.0/061 55.2/025 73.5/027 57.7/069 72.6/013 57.2/062 73.6/029 55.7/031	36.3/079 47.7/039 31.8/028 49.3/050 30.7/019 46.3/018 34.3/058 48.6/052 31.8/029 43.3/002 32.0/031 47.6/035 26.9/007 45.8/007 29.7/017 51.7/077	58.7/038 69.4/067 60.2/068 68.0/029 58.9/044 67.7/022 61.2/082 69.7/075 59.0/047 68.2/035 54.2/002 67.3/015 61.1/081 69.1/068 59.4/054 68.7/048	72 4/039 63.8/066 72 7/045 60 0/011 71 6/018 62 0/042 73 6/065 63 0/056 72 7/046 63 9/068 71 9/031 63 4/063 71 4/015 61 8/060	52.4/070 41.9/07/48.4/070 41.9/07/48.4/020 38.6/02 51.8/061 39.4/03(48.1/013 38.2/01/51.3/059 39.3/02(50.9/050 38.7/02/51.1/058 37.9/01/51.1/058 37.9/01/51.8/088 39.1/02/51.8/088 39.1/088 39.1/088 39.1/088 39.1/088 39.1/088 39.1/088 39.1/088 39.1/088 39.1/088 3	4 37, 9/072 1956 1 33, 4/022 1957 0 33, 6/024 1958 9 33, 1/018 1959 3 35, 4/042 1960 2 33, 9/026 1961 4 31, 9/011 1962 6 32, 9/016 1963
1970 53.97036 53 97050	73.8/032 54.6/015 71.5/003 53.3/003 74.2/042 55.5/029 73.9/036 54.5/012 73.6/030 57.0/058 73.5/028 59.1/085 72.4/010 54.7/017 74.6/055 58.9/084	32. 9/038. 48. 4/051. 30. 9/022. 51. 8/078. 31. 6/027. 49. 8/064. 28. 9/012. 46. 3/014. 32. 4/036. 47. 7/039. 34. 9/067. 46. 5/021. 33. 1/040. 48. 2/046. 34. 2/056. 51. 4/074.	56. 1/008 66. 6/007 58. 4/034 65. 5/003 57. 8/026 67. 6/020 59. 6/060 67. 9/026 60. 9/079 69. 1/062 56. 7/016 68. 9/052 58. 8/043 67. 3/015 56. 3/010 68. 9/054	72.3/035 61.3/025 72.1/034 60.9/019 72.9/051 63.8/066 72.7/044 66.3/086 71.6/022 61.4/029	49.5/031 41.3/066 48.0/012 38.8/023 50.0/038 38.6/020 48.4/018 37.3/010 50.1/041 38.9/025 53.6/083 40.9/055 47.3/005 40.5/056	5 36.3/052 1966 34.3/028 1967 0 33.0/017 1968 0 31.6/007 1969 34.2/027 1970 0 36.8/063 1971 0 37.4/066 1972
1975 54 4/047 52 2/021 1976 52 4/006 54 4/062 1977 53 7/033 58 1/089 1978 51 9/003 51 5/012 1979 51 9/002 52 8/033 1980 53 4/024 51 5/010 1981 53 3/022 53 6/046 1982 53 3/020 53 7/048 1983 53 6/032 50 9/005 1984-99 9/***	74.4/048 56.2/045 74.1/041 57.0/057 72.7/015 55.2/024 76.1/079 55.2/024 73.9/034 55.0/020 72.0/006 55.8/032 76.1/079 57.0/056	24.2/001 53.0/084 24.2/001 53.0/084 26.0/004 46.4/019 31.5/023 48.2/046 32.0/032 45.5/006 28.3/011 50.5/066 36.4/080 46.7/027	58.3/088 69.0/057 58.3/088 69.0/057 58.3/032 68.1/031 57.1/018 67.0/009 57.8/027 69.1/060 59.3/053 66.8/008 58.6/035 67.6/019	70.47005 57.47002 73.17053 61.47030 73.27058 62.27046 71.17011 60.97021 74.57080 61.37028 71.87027 59.77008 70.47004 60.97021	43.2/001 36.4/004 49.7/035 35.2/001 50.1/041 36.8/006 49.7/035 38.2/015 47.9/008 40.0/038 49.7/037 37.3/011 51.0/055 41.2/065	1 31.0/004 1976 1 27.6/001 1977 5 30.5/002 1978 6 33.4/020 1979 8 34.5/029 1980 8 32.2/012 1981 6 38.3/078 1982
MAX 57.7 58,1	78,6 62.0	41.8 55.3	65.3 71.9	77.0 66.9	56.3 45.0	41.1 MAX
MIN 51.4 49.3	71.0 50.4	24.2 43.2	52.6 64.9	69.5 57.4	43.2 35.2	27.6 MIN
AVE 54 3 53.6	74.3 56.4	32.9 48.6	58.8 68.6	72.8 62.4	50.5 40.0	35.5 AVE
STDEV 1.2 1.8 5TH% 52.3 50.6	1.6 1.8	3.2 2.6	2.1 1.3	1.5 2.1	2.3 1.9	2.6 STDEV
5TH% 52.3 50.6 95TH% 56.4 56.6	71.6 53.9 76.8 59.1	26.0 45.1 37.2 53.6	55.0 66.3 62.0 70.7	70.4 58.9 75.3 66.1	46.4 36.4 53.9 42.7	31.0 5TH% 39.3 95TH%
# YRS 89 89	89 89	89 89	89 89	89 89	89 88	89 # YRS
JAN-DEC MAR-MAY	JUN-AUG SEP-NOV	DEC-FEB MAR-APR	APR-MAY MAY-OCT	JUN-SEP SEP-OCT	OCT-NOV NOV-APR	DEC-MAR

```
JUN-AUG SEP-NOV
68 3/041 46 2/018
68 9/054 42 5/001
67 4/027 49 9/080
68 9/054 46 5/026
69 3/066 50 4/083
70 2/079 49 5/076
71 3/087 47 6/041
66 2/013 48 3/054
65 4/003 46 0/014
65 8/007 49 0/067
                                                                                                                                                                                                                                                                                                                                          DEC-FEB
21 3/077
20 2/073
19 7/065
13 7/014
18 3/048
18 3/046
18 1/043
17 2/034
10 6/003
13 7/013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEP-OCT
53.5/031
50.3/002
59.4/086
54.3/043
55.1/055
59.0/084
55.3/056
53.6/034
54.4/048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0CT-NOV
37.3/006
35.7/004
41.7/045
38.4/014
46.5/086
43.6/070
41.5/042
43.9/075
39.8/025
43.5/068
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NOV-APR
28.1/061
26.3/032
28.0/060
23.0/007
26.9/043
27.8/055
28.3/066
21.8/002
26.3/029
            YEAR JAN-DEC
1895 43.8/028
1896 44.7/055
1897 44.1/038
1898 44.9/063
1900 45.8/082
1901 45.0/064
1902 44.7/058
1903 43.3/019
               YEAR
1895
                                                                                                                        MAR-MAY
                                                                                                                                                                                                                                                                                                                                                                                                                 MAR-APR APR-MAY MAY-OCT JUN-SEP 38.6/065 53.9/084 61.7/045 67.2/068 36.5/044 55.4/087 61.7/045 67.2/068 35.3/031 49.6/031 62.7/072 67.1/062 31.1/069 50.4/044 61.9/049 67.3/071 33.1/007 51.7/067 62.5/064 66.5/044 71.1/049 54.4/085 64.7/089 67.9/080 38.0/059 52.2/075 63.7/089 68.4/083 40.3/078 51.4/060 60.6/017 63.9/004 40.0/074 51.3/059 60.1/009 63.6/004 34.3/017 48.3/017 60.4/013 64.3/012
                                                                                                                                                                                                                                                                                                                                                                                                                       MAR~APR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APR-MAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MAY-OCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DEC-MAR
22.2/06
21.8/058
23.2/076
15.2/005
20.0/031
21.0/041
22.6/068
21.6/053
15.0/004
19.0/026
                                                                                                                  MAR-MAY
45 2/071
45 3/072
41 9/025
44 9/068
41 0/063
44 5/060
46 3/064
45 8/076
41 7/020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1896
1897
1898
1899
1900
1901
               1904 42 2/007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1904
                                           43 9/032 44 3/055 67 7/033 48 2/050

45 1/069 42 6/036 68 2/038 48 8/063

42 9/012 39 4/002 66 7/017 46 5/027

45 8/081 44 4/057 67 3/025 50 5/085

43 9/031 40 6/009 69 0/057 48 1/047

45 0/065 48 0/088 68 9/052 47 2/037

45 0/067 46 1/083 69 2/064 44 1/005

42 3/008 41 6/019 66 2/013 48 7/065

47 1068 42 3/031 69 4/068 48 9/066

44 6/053 43 6/046 69 0/058 50 3/082
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61. 1/033 66. 5/042 54 8/051 40. 8/036 28. 7/072 62. 1/053 67. 3/073 56. 3/072 40. 8/036 28. 7/072 58. 9/002 64. 7/021 52. 8/018 40. 3/031 29. 4/079 62. 2/055 66. 8/055 57. 6/082 42. 9/061 27. 4/051 61. 1/030 66. 6/048 52. 8/018 42. 4/056 29. 2/078 61. 8/047 66. 6/048 52. 8/018 42. 4/056 29. 2/078 61. 8/047 66. 6/048 52. 9/067 40. 9/037 27. 1/046 62. 4/062 66. 8/055 52. 9/067 40. 9/037 27. 1/046 62. 4/062 66. 8/055 52. 9/020 36. 3/005 22. 1/004 60. 9/027 64. 6/016. 54. 8/052 43. 0/062 27. 3/049 61. 6/042 67. 1/064 53. 5/031 43. 1/065 28. 9/074 63. 4/078 67. 0/058 57. 4/079 44. 9/084 28. 3/065
                                                                                                                                                                                                                                                                                                                                          21 8/079 39.3/070
17.8/039 36.1/037
21.9/080 35.2/028
20.1/071 38.5/062
15.0/018 33.8/015
16.6/052 45.9/089
12.8/009 38.6/063
18.3/048 33.8/015
20.5/076 36.2/038
17.9/040 36.0/036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      48.9/023
52.1/073
42.2/001
51.0/057
46.5/007
50.4/042
52.3/076
51.6/065
50.6/050
50.9/055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       22
21
24
22
22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             .2/065
.8/058
.2/083
.2/065
.0/059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1905
               1905
             1905
1906
1907
1908
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1908
             1909
1910
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1909
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    22.4/066
15.0/004
20.2/032
22.6/068
20.3/034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1910
1911
1912
1913
1914
            1912
1913
1914
             1915 44.2/041
1916 42.8/011
1917 40.4/001
1918 44.5/051
1919 44.5/050
1920 44.0/035
1921 47.6/088
1921 47.6/088
1922 45.6/078
1923 44.6/052
                                                                                                                  44 2/054
41 4/017
40 4/008
45 9/078
43 7/049
41 7/021
47 6/087
46 1/082
40 2/005
40 7/010
                                                                                                                                                                                                                   5/001 48 9/066
2/064 46.5/026
0/010 45.0/008
2/039 47 5/040
1/078 46.1/017
2/024 50.5/084
7/089 47.7/043
5/044 51.2/086
1/061 48 6/060
                                                                                                                                                                                                                                                                                                                                          16.4/028
11.3/005
11.2/004
23.6/085
12.8/008
24.1/086
17.8/039
16.7/030
20.0/070
16.3/026
                                                                                                                                                                                                                                                                                                                                                                                                               40.2/076 52.5/077
34.5/021 49.1/026
34.8/024 46.3/003
39.4/071 50.5/047
37.8/057 49.9/032
34.8/023 46.8/009
41.9/082 53.9/084
38.6/065 52.9/080
32.4/004 49.1/025
36.2/040 46.6/008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              58. 9/003 62.8/001 55.4/060 43.1/064
61.4/038 65.5/046 52.8/019 40.3/033
57.9/001 64.2/009 49.0/001 38.2/012
61.4/039 64.7/020 52.5/010 44.0/077
62.4/060 68.2/082 54.4/046 37.8/009
62.6/068 66.2/037 59.3/085 44.0/076
64.7/088 69.7/087 56.9/075 39.7/023
63.5/081 67.2/066 57.3/078 45.1/085
61.8/048 67.1/062 54.0/039 42.3/053
59.4/005 63.1/002 55.3/057 44.3/080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          25.7/025
22.9/006
24.9/016
30.6/085
31.5/087
26.6/039
25.6/039
25.6/024
28.4/069
27.9/058
            1915
1916
1917
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18.8/023
                                                                                                                                                                                            63
69
66
68
70
67
71
68
69
65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    18.8/023
15.6/001
17.6/011
25.5/086
17.4/010
26.8/088
21.5/050
18.1/017
22.2/063
20.6/036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1916
1916
1917
1918
1919
1920
1921
1923
1924
         1925 44.3/046
1926 43.2/017
1927 44.1/039
1928 44.8/062
1929 42.4/009
1930 45.7/080
1931 48.9/089
1932 44.2/040
1933 45.3/071
1933 45.6/077
                                                                                                                 45.7/074 68.3/042 44.9/007 19.9/067 41.8/022 66.9/021 44.5/006 18.9/056 44.4/057 65.1/002 49.2/069 18.4/049 42.8/038 66.7/016 47.7/042 14.1/015 44.5/059 67.4/027 45.7/013 18.7/053 44.8/066 69.9/077 48.5/059 25.4/089 43.8/052 70.6/082 53.4/089 24.4/088 41.4/017 69.7/075 45.0/009 19.5/063 43.4/047 71.1/085 47.2/037 18.8/055 44.7/064 69.9/077 49.2/071 18.0/042
                                                                                                                                                                                                                                                                                                                                                                                                               41.9/083 51.8/070 60 1/008
33.2/009 50.0/035 60.7/022
39.9/073 49.0/024 60.5/015
55.2/028 48.7/021 60 8/023
40.2/077 49.5/030 60.4/012
38.8/057 51.8/058 62.5/066
38.5/061 50.4/046 64.3/087
33.4/012 50.6/048 61.9/050
36.5/044 50.2/039 63.5/079
35.3/033 53.5/082 63.7/084
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    67, 2/065, 51, 0/003, 35, 5/003, 64, 7/020, 52, 3/009, 37, 8/009, 64, 6/015, 57, 3/078, 42, 2/051, 64, 2/010, 53, 4/029, 43, 1/064, 65, 3/025, 53, 8/036, 39, 0/018, 67, 8/078, 54, 3/045, 42, 0/049, 69, 6/088, 59, 8/089, 46, 8/088, 67, 1/060, 52, 5/013, 38, 0/011, 66, 6/088, 55, 3/059, 38, 3/013, 66, 9/056, 54, 7/050, 44, 8/083
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       26.5/035 21.2/046
27.6/052 22.9/070
26.4/033 21.5/051
26.5/036 19.2/029
27.2/047 21.7/055
31.8/088 26.8/089
30.1/084 24.0/082
26.9/044 22.1/060
26.3/032 20.9/038
27.9/059 21.8/056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1925
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1926
1926
1927
1928
1929
1930
1931
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1933
1934
       1935 43.8/029
1936 43.0/014
1937 43.3/021
1938 46.2/085
1939 45.8/083
1940 43.6/024
1941 46.5/087
1942 44.8/061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60 9/024 66 5/043 53 5/032 38 6/017 21 4/001 63.8/085 69 0/086 54 4/047 37.9/010 24 8/015 62.5/066 68 0/081 53 3/028 38 6/016 28 3/063 63 1/074 67.3/074 57.5/080 43.8/072 26 8/040 63.2/076 67.6/077 55.5/061 42.2/052 27.0/045 62.2/055 66 7/052 57.2/076 41.1/040 27.8/056 63 5/082 67.6/076 56.2/059 43.2/066 31.2/086 60.7/020 65.0/023 53 3/028 41.5/043 24.7/013 61.3/036 66.4/041 52 6/014 39.6/021 27.8/057 62.6/070 66.6/049 55.0/053 43.7/071 29.1/077
                                                                                                                 42 3/030
43 7/050
42 1/027
45 9/071
43 8/051
40 1/004
45 9/078
46 5/085
40 2/006
42 2/028
                                                                                                                                                                                       68.8/051
71.0/084
70.4/081
69.4/076
69.2/065
68.2/040
69.4/069
67.6/030
69.7/074
68.6/047
                                                                                                                                                                                                                                                                                         6/012
4/020
1/017
5/077
1/068
2/050
6/078
8/031
3/011
                                                                                                                                                                                                                                                                                                                                       9.6/001
16.6/029
18.5/051
18.9/057
19.7/066
20.0/068
22.0/082
15.8/023
23.2/084
17.6/037
                                                                                                                                                                                                                                                                                                                                                                                                                 37.6/053
35.1/025
34.4/019
41.3/079
35.3/031
33.2/008
38.4/060
42.3/086
33.4/012
33.3/010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   46.9/010
50.0/034
50.0/034
50.3/040
51.3/058
47.8/014
55.3/086
52.6/078
48.3/018
50.4/044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         .0/002
.0/028
.1/072
.4/049
.9/040
.7/055
.1/085
.8/013
.8/081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1935
1936
1937
1938
1939
1940
1941
1942
1943
                                                                                                                                                                                                                                                                 45
46
49
49
48
49
46
49
45
49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15
19
23
21
20
21
25
17
23
23
                                                                                                                                                                                                                                                                                                                                                                                                               35
33
38
42
33
33
            1941
1942
1943
          1943 43.3/018
1944 45.5/076
         1945 43 4/022 45 0/069
1946 45 6/079 47 4/086
1947 44 3/045 40 0/003
1948 44 6/054 43 3.7047
1949 45 5/075 44 4/058
1950 41 6/002 38 6/001
1951 42 1/005 41 8/023
1952 45 3/072 43 4/044
1953 46 3/086 42 9/041
1954 45 4/074 41 6/019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 47.4/013 59.1/004 64.1/008 53.2/023 40.2/029 29.0/075 23.2/077 50.7/052 60.9/027 65.3/024 55.3/057 42.7/058 26.8/042 21.3/048 46.3/004 63.0/073 67.3/073 59.7/087 43.3/067 25.5/023 18.9/025 51.8/069 62.4/058 67.6/076 56.6/073 42.6/057 27.7/054 20.9/040 52.2/074 63.2/075 67.2/068 54.2/024 43.9/075 25.0/018 19.2/030 45.6/002 60.6/018 64.1/007 56.2/071 41.0/039 23.8/009 18.0/014 50.4/042 60.2/010 63.4/003 52.5/013 37.6/007 26.6/038 21.3/048 51.7/067 61.4/038 67.1/064 52.7/016 39.9/027 29.0/076 24.4/084 48.4/019 63.3/077 67.3/071 57.5/081 46.7/087 30.0/083 23.8/080 48.5/020 61.0/029 66.7/051 54.1/040 42.8/059 28.8/073 20.8/037
                                                                                                                                                                                      65 8/008 46 5/026
67 2/024 48 3/053
69 2/064 49 4/075
68 6/047 49 9/080
70 7/083 48 2/051
65 6/005 47 3/038
65 7/006 44 0/003
69 0/059 47 1/035
69 5/073 51 3/087
68 9/055 48 6/061
                                                                                                                                                                                                                                                                                                                                    17.4/035

19.3/060

16.1/024

18.3/045

17.5/036

15.8/023

19.5/062

21.9/081

22.5/083

19.0/058
                                                                                                                                                                                                                                                                                                                                                                                                            42.0/085
44.4/088
34.3/018
37.9/058
37.4/051
30.6/001
33.1/007
37.1/049
36.2/040
36.8/046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1946
1947
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1948
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1954
                                                                                                                                                                                                                                                                                                                                     16. 3/026 39. 0/068 55. 8/088 64 3/086 68. 8/085 18. 7/054 33. 7/013 48. 3/017 62 2/056 65. 7/031 20. 5/075 37. 6/053 50. 1/036 61. 1/031 66. 0/035 13. 5/011 38. 8/067 51. 5/063 61. 2/034 64. 6/018 21. 7/078 37. 4/050 51. 9/072 62. 6/071 67. 9/080 19. 6/064 32. 6/005 50. 7/051 61. 6/041 66. 1/036 14. 9/017 37. 0/047 46. 9/011 61. 7/046 66. 5/046 13. 6/012 35. 3/033 51. 6/065 61. 6/043 64. 5/013 19. 2/059 40. 1/075 50. 9/056 63. 5/080 67. 0/058 14. 7/016 36. 5/042 53. 3/081 61. 9/051 65. 8/032
    1955 45.0/067 46 0/080 71 4/088 46 6/029
1956 44.3/047 41 0/014 68.4/043 48.9/066
1957 44.4/048 43 5/045 68.7/049 46.3/019
1958 44.3/043 44.9/067 65 9/009 49.4/074
1959 44.2/042 44.7/062 70.2/080 44.0/004
1960 43.8/030 40.3/007 67.5/028 49.2/071
1961 44.7/057 42.6/035 68.5/045 48.4/057
1962 43.7/025 43.7/049 66.9/021 48.4/055
1963 45.5/049 45.0/070 68.9/056 52.9/088
1964 45.2/070 44.6/061 68.1/037 47.7/044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      55 8/066 39 3/019 24 1/011

56 2/071 44 6/082 27 6/053

52 7/016 40 4/034 28 7/072

56 1/068 43 6/070 25 2/020

53 0/021 35 4/002 26 0/026

55 6/062 42 9/060 28 2/062

55 6/064 42 3/054 24 9/017

54 3/044 43 8/073 26 2/028

59 8/088 48 8/089 28 3/064

53 3/026 42 1/050 24 0/010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18.8/024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .8/024
.6/052
.2/076
.7/012
.2/044
.2/073
.1/017
.5/021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 21
23
17
21
23
18
18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1960
1961
1962
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 21.2/045
16.2/008
                                                                                                                                                                                                                                                                                                                                  18. 0/041 31. 7/003 50. 8/054

17. 0/032 37. 8/057 46. 5/007

18. 2/044 37. 8/055 47. 9/015

17. 2/034 42. 0/085 50. 2/038

15. 6/021 35. 6/034 51. 8/071

15. 4/020 35. 1/026 50. 8/054

15. 3/019 36. 0/035 49. 3/028

18. 5/051 34. 0/016 50. 2/038

17. 0/032 41. 4/080 48. 8/022

20. 1/072 37. 7/054 49. 4/029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                50.8/054 60 7/019 63 8/005
46.5/007 60.9/028 66 3/038
47.9/015 59 5/006 64 6/014
50.2/038 61.3/035 66 0/034
51.8/071 60.7/021 65 4/026
50.8/054 62 6/069 67 3/069
49.3/028 62 2/057 66 4/039
50.2/038 60 6/016 64 8/022
48.8/022 62.6/067 67.0/059
49.4/029 60.1/008 64 6/017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      52 5/013 41 9/048
53 6/034 40 3/033
53 3/026 39 4/020
55 6/064 42 4/056
53 2/023 39 7/023
55 1/054 41 4/024
58 0/083 44 1/078
51 8/005 38 6/016
56 7/074 44 2/079
52 1/008 41 9/047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  27.3/048
26.5/037
28.4/069
26.2/027
25.1/019
25.2/021
24.7/014
28.4/070
26.8/042
26.4/034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              22 1/061
20 5/035
22 9/069
19 0/028
18 1/017
18 4/019
18 3/018
23 6/078
20 2/033
21 1/043
       1965 43.1/015
                                                                                                               40
                                                                                                                                         9/011 66.6/015
                                                                                                                                                                                                                                                                46.4/021
                                     43.1/015
43.3/020
43.1/016
44.7/056
43.6/023
43.7/026
44.0/036
41.9/003
46.0/084
44.0/033
                                                                                                            40. 9/011 66 6/015 46. 4/021 42. 6/034 68 8/050 46. 6/029 42. 3/029 66. 4/014 46. 0/015 45. 8/075 67. 6/034 48. 5/058 42. 8/037 66. 9/021 47. 8/034 42. 8/037 66. 9/021 47. 8/034 42. 5/033 66. 9/012 47. 8/034 42. 5/033 66. 9/018 45. 3/011 45. 5/037 69. 5/071 49. 3/073 42. 9/041 67. 7/033 46. 5/026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1966
1967
1968
1969
   1967 43
1968 44
1969 43
1970 43
1971 44
1972 41
1973 46
1974 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1969
1970
1971
1972
1973
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              65.8/033
66.8/055
65.7/030
66.6/050
65.5/027
66.4/041
65.6/028
64.3/011
68.6/084
-99.9/***
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      53.6/035 44.5/081
51.3/004 35.3/001
53.8/037 40.3/031
55.8/065 40.1/028
53.9/038 39.8/025
52.0/006 39.9/025
52.1/008 41.7/044
54.2/042 40.9/038
54.6/049 41.8/046-
99.9/***-99.9/****
1975 44.3/044 40.9/012 69.1/061 48
1976 43.7/027 44.8/065 69.4/068 43
1977 44.8/065 69.4/068 67.5/029 46
1978 42.6/010 42.8/039 67.6/031 48
1979 42.0/004 40.9/013 67.0/022 46
1980 44.1/037 44.0/053 68.7/049 46
1981 45.4/073 46.1/081 68.0/036 47
1982 43.0/013 43.0/042 66.1/011 46
1983 44.8/060 41.9/025 71.2/086 48
1984-99.9/***-99.9/***-99.9/***
                                                                                                                                                                                                                                                             48.4/057 20.4/074 31.4/002 49.43.3/002 12.4/007 39.7/072 51.46.9/034 12.2/006 43.7/087 57.48.0/046 9.8/002 35.2/029 50.46.9/034 19.4/061 34.7/022 47.46.5/026 20.0/070 36.4/041 52.47.3/039 13.5/011 41.6/081 51.46.5/034 24.4/088 34.5/021 50.48.2/050 16.4/027 36.8/045 46.99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9/***-99.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                49.3/027 62.4/059
51.5/061 60.9/025
57.4/089 62.4/062
47.0/012 60.4/011
52.8/079 61.5/040
51.5/063 60.5/014
50.4/046 61.1/032
46.4/005 62.5/063
99.9/****-99.9/****
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  29.8/081
25.3/022
23.3/008
21.8/003
27.3/008
29.8/081
24.5/012
29.8/082
-99.9/***
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1/071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .1/071
,5/022
.9/007
.5/001
.1/043
.8/079
.2/009
.5/087
.4/020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1976
1977
1978
1979
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              21
23
17
26
18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1980
1981
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1982
1983
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1984
                                                                                                                                                                                                                                                                               53.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   69.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          59.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 48.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       31.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                26.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MAX
                                                                                                                                                                                                                                                                               42.5
                                                                                                                                                                                                                                                                                                                                                            9.6
 MIN
                                                                                                                                38.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    42.2
                                                                                                                                                                                                                                                                                                                                                                                                                             30.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            57 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   62.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          49.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 35.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 14.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MIN
 AVE
                                                         44.3
                                                                                                                                43 4
                                                                                                                                                                                                                                                                               47.7
                                                                                                                                                                                                                                                                                                                                                      17.8
                                                                                                                                                                                                                                                                                                                                                                                                                             37.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    50.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 41.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       26.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20.B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AVE
                                                                                                                                                                                                                                                                                     2.0
                                                                                                                                                                                                                                                                                                                                                            3.4
STDEV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2.2
                                                                                                                                40.1
                                                                                                                                                                                                       65 4
                                                                                                                                                                                                                                                                               44.0
                                                                                                                                                                                                                                                                                                                                                      11.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  46.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          59.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   63.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        51.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 35.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      22.1
                                                                                                                                 46 5
                                                                                                                                                                                                                                                                             50.5
95 TH%
                                                      46 2
                                                                                                                                                                                                       71.1
                                                                                                                                                                                                                                                                                                                                                      23.6
                                                                                                                                                                                                                                                                                                                                                                                                                             42.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  54 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          63.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   68 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          59.3
# YRS
                                                                  89
                                                                                                                                            89
                                                                                                                                                                                                                      89
                                                                                                                                                                                                                                                                                             89
                                                                                                                                                                                                                                                                                                                                                                   89
                                                                                                                                                                                                                                                                                                                                                                                                                                            89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        # YRS
                                        JAN-DEC
                                                                                                   MAR-MAY
                                                                                                                                                                                      JUN-AUG
                                                                                                                                                                                                                                                           SEP-NOV DEC-FEB
                                                                                                                                                                                                                                                                                                                                                                                                           MAR-APR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APR-MAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    JUN-SEP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEP-OCT OCT-NOV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NOV-APR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DEC-MAR
```

1895 46.4/0 1896 46.8/0 1897 46.9/0 1898 48.2/0 1899 47.0/0 1900 48.0/0 1901 46.3/0 1902 46.5/0	C MAR-MAY 28 44.4/035 47 45.4/055 81 46.5/071 54 45.0/045 78 42.9/014 24 44.5/037 36.46.6/074 01.44.1/029	68.6/069 68.1/054 66.6/017 69.5/082 68.9/072 69.7/083 69.7/083 65.5/004 64.3/001	49.2/025 49.6/034 49.9/039 50.9/066 49.9/041 53.4/088 48.2/012 51.4/074 48.9/017	25.6/058 24.9/048 26.6/071 23.4/031 26.1/062 23.3/029 23.5/032 24.5/042 18.4/002	37 3/026 37 7/030 39 8/054 41 4/074 38 8/041 36 7/017 38 8/041 42 1/078	51.6/06 54.3/08 50.8/04 49.8/02 51.9/07 50.6/03 50.6/03	MAY-0CT 5 62.1/055 8 61.9/045 6 61.2/027 5 63.3/083 1 62.6/083 9 64.1/083 9 62.8/070 00.5/013	667.3/071 66.0/045 765.1/020 868.0/086 866.5/059 868.5/089 867.7/082 863.6/001	54.2/018 53.3/009 55.8/050 57.4/077 55.8/047 59.9/049 55.4/039	44.4/039 44.5/042 44.7/045 45.2/057 48.0/086 41.5/008 46.7/079 42.7/018	31,9/045 32,8/060 33,4/073 30,9/029 31,6/038 31,3/035 34,0/079 27,2/001	27.1/046 3 29.9/080 3 25.3/026 3 26.4/042 5 25.5/029 6 27.3/050 28.8/074 21.6/00	1895 1896 1897 1898 2 1899 1900 1901 1902 1903
1906 47.3/0 1907 45.0/0 1908 47.3/0 1909 46.7/0 1910 46.7/0 1911 46.0/0 1913 49.0/0	14 44 7/042 59 43 2/017 05 42 2/006 62 45 7/060 45 43 6/023 45 47 8/084 66 45 2/054 17 44 3/032 18 47 0/081 12 44 0/028	68 9/073 66 0/005 68 4/064 67 1/030 66 7/019 68 3/063 66 0/006 68 2/060	50.5/052 48.3/014 51.4/075 50.0/044 49.5/031 49.0/031 51.2/069 52.0/083	21.6/014 25.1/051 26.9/073 24.0/036 23.4/031 22.8/084 23.8/034	36.7/018 37.8/031 39.4/048 37.6/028 44.3/087 36.7/017 37.3/027 42.8/081	50.8/04 45.8/00 51.3/05 49.8/02 52.1/07 52.7/08 51.5/06	6 62.7/068 1 59.4/001 6 63.2/080 1 60.7/017 5 61.3/033 1 63.0/072 8 61.6/042 0 62.4/057	8 67 5/078 64 9/015 67 1/069 65 3/027 8 65 4/030 66 6/016	56.8/068 53.8/013 57.8/082 53.8/015 56.6/062 55.6/069 57.3/075	43.9/031 41.7/009 45.4/060 44.9/050 43.7/026 42.6/016 46.0/070 48.0/087	29.7/011 31.9/046 32.4/053 33.8/077 29.8/016 29.8/015 35.3/085 31.0/032	24.9/018 27.4/053 28.0/062 27.8/058 25.1/019 24.4/013 31.0/088	3 1906 3 1907 2 1908 3 1909 3 1910 3 1911 5 1912
1916 46.3/0 1917 44.0/0 1918 46.3/0 1919 47.5/0 1920 46.0/0 1921 47.1/0 1922 47.4/0 1923 46.2/0	61 44 4/036 25 42 5/008 02 41 8/004 26 47 0/080 67 45 7/061 20 43 5/021 36 50 2/089 54 6 7/077 23 42 6/010	67.8/048 68.1/056 67.0/028 68.3/063 67.2/034 69.0/076 67.8/046 67.0/027	49.6/034 46.0/002 49.5/030 50.6/053 51.3/071 50.9/066 50.9/066 50.1/046	23,1/026 17,4/001 28,5/081 19,4/005 27,4/076 24,2/038 21,9/017 26,5/069	35.3/003 38.0/033 39.8/052 40.3/057 38.3/037 46.7/089 40.6/066 36.6/015	50.8/04 46,5/00 53,2/08 50.4/03 48.2/01 54.3/08 52.5/07 49.2/01	3 61.9/048 2 59.6/002 4 61.9/048 3 62.5/060 0 62.1/055 9 63.3/082 8 62.6/064 8 61.2/029	66.0/045 65.4/032 64.5/009 66.5/058 65.9/042 68.0/088 66.5/057	55.6/045 51.8/001 54.5/023 56.8/068 58.7/084 57.7/085 56.8/065	44.0/033 40.3/002 45.8/065 45.3/059 45.9/068 43.8/030 45.1/056	30.5/023 27.7/002 34.2/080 28.9/005 35.4/086 31.9/041 29.7/011 32.4/052	25.4/026 21.7/002 30.4/083 23.1/005 31.1/086 26.9/006	1916 1917 3 1918 5 1919 3 1920 5 1921 1922
1926 44.8/00 1927 47.3/00 1928 47.0/00 1929 47.0/00 1930 47.9/07 1931 49.2/00	40 45.6/057 340.9/001 50 44.9/044 53 43.1/016 52 46.7/075 64 50/047 37 46.0/064 38 43.4/019 34 45.7/060 34 45.7/060	66.3/011 65.0/002 68.1/054 66.8/020 68.6/066 68.9/075 67.8/048 68.8/071	49.2/025 52.2/085 49.8/038 50.0/044 51.3/072 54.5/089 50.3/050 48.5/015	24.8/044 26.5/068 26.1/063 26.6/070 25.8/061 31.5/089 30.4/088 20.6/008	34.0/001 40.4/061 37.3/025 42.0/077 38.5/038 40.3/058 36.5/013 39.1/045	47.4/004 49.0/019 48.6/013 51.1/054 50.9/049 51.7/068 50.2/039	4 60.4/009 5 60.6/014 3 61.4/037 4 61.3/032 9 62.9/077 8 63.7/058 1 62.5/058 9 62.9/074	64.8/013 64.1/002 65.5/035 65.8/040 67.6/080 67.9/085 66.4/054	54.6/026 57.3/075 54.8/032 55.6/045 57.0/070 59.0/085 57.2/072	43.7/028 47.5/083 45.6/063 43.6/025 44.7/045 49.3/089 44.4/038	32.3/050 32.6/058 33.6/075 32.6/056 33.0/065 35.5/087 34.3/081 28.6/004	27.8/057 27.8/059 29.0/076 28.2/068 28.0/063 31.1/087 30.8/084 23.2/006	1926 1927 1928 1929 1930 1931 1932
1935 46.4/02 1936 46.8/04 1937 48.0/07 1938 48.3/08 1939 47.2/05 1940 45.1/06 1941 47.7/07 1942 47.5/06 1943 46.0/01	18 47.0/080 17 43.9/027 13 46.6/073 (18 43.7/024 (10 42.1/005 (12 45.5/056 (18 48.6/087 (18 42.8/012 (68.2/059 70.0/087 69.4/081 69.2/078 67.1/030 67.9/051 68.0/052 69.3/080	49.2/022 49.2/023 50.6/057 49.4/029 48.1/011 52.0/083 50.8/062 48.6/016	30.1/087 25.7/059 26.6/072 23.0/025 24.9/048 25.1/050 23.3/027 24.4/041	41.0/070 36.8/021 42.3/080 36.5/013 34.9/002 39.3/047 42.9/082 35.8/007	50.8/048 51.3/055 51.6/062 50.1/030 48.9/014 54.1/088 54.3/088	62.7/066 62.8/073 62.5/059 0.63.0/078 4.60.6/016 62.7/067 0.62.9/076	66.7/065 67.5/079 66.8/066 67.4/074 65.1/022 66.6/062 66.4/056	56.3/059 54.4/019 55.6/045 56.1/055 53.0/006 57.3/075 56.7/064 54.4/021	42.7/017 43.8/029 46.5/077 43.1/020 42.4/012 46.7/080 45.3/059 43.2/022	33.1/067 33.4/072 32.3/049 29.1/006 31.9/044 33.7/076 30.1/017 30.4/021	29.9/079 28.4/072 27.7/055 24.4/013 25.7/033 28.1/067 25.4/026 25.9/035	1936 1937 1938 1939 1940 1941 1942
1945 47 1/05 1946 48 0/07 1947 47 2/05 1948 46 9/05 1949 49 3/08 1950 46 7/04 1951 47 5/07 1952 48 2/08 1953 49 4/08 1954 47 5/06	43.5/020 6 45.2/053 6 8 46.1/069 6 3 42.5/008 6 0 46.1/066 6 2 45.17049 6 9 46.8/078 6	68.6/069 67.8/050 70.8/089 66.9/022 67.3/036 69.8/085	51.7/078 51.7/077 50.2/048 50.2/049 49.3/028 49.7/036 51.9/080	21.2/011 29.8/086 28.5/082 27.1/074 27.6/077 29.8/086 28.8/083	37.7/030 40.4/060 40.6/065 35.5/004 40.6/062 40.6/065 40.9/069	49.6/020 50.7/042 51.8/069 49.3/019 51.7/068 50.9/053 52.1/075	0 63,3/081 0 61.5/039 1 63.8/087 1 61.1/024 1 62.0/050 1 62.0/053 1 62.8/072	67.0/068 66.3/052 67.8/084 64.6/010 65.7/037 67.8/083 66.6/062	59.3/086 55.3/036 56.7/063 54.9/033 56.5/061 54.4/021 56.8/068	46.5/077 46.6/078 45.8/067 46.4/074 43.5/024 43.7/028 46.9/082	30,2/018 35,8/088 32,3/048 33,8/078 33,1/068 35,3/084 34,9/083	24.5/015 31.0/086 28.6/073 29.0/075 29.1/077 31.4/089 30.0/081	1947 1948 1949 1950 1951 1952 1953
1955 47.6/07 1956 46.4/03 1957 47.8/07 1958 45.5/01 1959 47.8/07 1960 46.7/04 1961 47.0/05 1962 45.6/01 1963 45.6/01 1964 46.8/04	1 41.5/003 6 3 46.3/070 6 0 45.2/052 6 5 46.1/068 6 1 43.8/026 6 1 43.3/018 6 1 45.6/058 6 3 44 6/040 6	66 6/018 67.6/042 66.1/009 69.3/080 67.1/033 67.7/044 66.5/013	49.6/034 50.7/061 49.9/040 51.2/070 50.7/060 53.4/087 47.9/006	26.2/065 25.4/056 21.0/010 27.8/078 21.7/015 23.6/033 20.6/009	35.9/008 41.2/071 40.8/068 39.3/047 36.8/021 38.2/035 39.5/050	47.5/006 52.0/072 50.4/035 53.2/084 52.9/082 48.0/008 51.5/060	60.2/007 61.7/046 60.3/008 63.8/088 61.6/044 62.7/069 60.8/019	64.4/007 66.2/050 64.7/011 68.0/087 65.8/041 67.5/078 64.3/008	54.5/023 55.5/041 54.8/029 57.8/081 55.4/039 59.9/089 53.8/014	45.6/062 45.1/056 44.6/043 44.8/047 45.1/056 46.5/075 42.9/019	33.4/074 33.2/069 30.3/020 32.5/054 30.5/022 31.7/040 29.5/008	28.4/071 27.7/056 23.8/009 27.2/049 24.8/017 26.2/040 24.0/010	1956 1957 1958 1959 1960 1961 1962
1965 46 0/02 1966 46 4/02 1967 45 8/01 1967 46 5/03 1970 46 5/03 1971 46 6/03 1972 45 4/00 1973 46 4/08 1974 46 4/03	9 43.5/023 6 41.3/002 6 2 45.9/062 6 7 44.4/034 6 3 44.7/042 6 9 42 6/009 6 8 42 8/013 6	88.1/056 4 88.1/058 4 87.3/036 5 87.8/050 4 87.8/050 5 88.1/057 5 87.4/040 5 88.1/052 4	49.3/02/ 48.1/011 50.9/063 49.7/035 52.0/081 52.2/084 17.5/004	25.2/053 22.1/019 24.1/037 21.3/012 22.4/020 25.3/054 25.8/061 26.3/067	38.97044 37.37025 42.27079 38.77039 38.07034 36.67015 43.37084	47,7/007 46,8/003 50,9/049 50,9/053 51,6/063 48,4/012 49,1/017	60.6/015 60.5/011 61.6/044 61.5/041 62.9/075 62.7/065 60.5/010	65.6/036 65.9/043 66.1/047 66.1/048 66.7/065 66.5/060 65.1/078	53 2/008 54 7/028 57 4/076 55 0/034 57 5/078 59 7/087 53 3/010	44 . B / 049 42 . 5 / 014 45 . 0 / 052 44 . 0 / 033 46 . B / 081 46 . 3 / 072 40 . 7 / 004	31.9/044 30.9/029 31.2/034 29.8/015 30.2/019 30.8/025 33.3/070	26.4/042 25.5/027 25.9/036 23.7/007 24.5/016 26.6/043 29.4/078	1966 1967 1968 1969 1970 1971
1975 47.3/06. 1976 45.5/03 1977 46.5/03 1978 45.0/00 1979 46.7/042 1980 45.7/01 1981 46.5/03 1982 46.1/02 1983 47.3/064 1984 99.9/***	46.07065 6 48.27085 6 4.43.07015 6 2.46.67072 6 4.5.07046 6 3.46.17068 6 4.4.37033 6	7.3/03/4 6.8/021 5 7.3/038 4 7.0/026 5 7.7/044 4 7.5/041 4 5.4/003 5	50.2/048 ; 18.3/013 ; 50.7/058 ; 17.9/007 ; 18.0/009 ; 10.7/059 ;	19.3/004 20.4/006 21.6/013 25.1/049 22.7/022 21.8/016 28.3/080	41.8/0/5 42.9/083 36.2/010 41.2/073 38.9/043 40.8/067 37.3/025	50.9/053 52.7/081 49.8/022 50.9/053 51.6/065 52.3/077 50.3/032	60.1/005 61.4/036 60.8/021 61.2/030 61.4/034 60.8/018 60.8/020	65.1/021 65.3/029 65.2/023 65.2/026 66.1/046 65.4/031 64.2/003	52.1/002 54.6/026 53.2/008 54.5/024 54.1/016 52.8/005 55.1/035	39.6/001 44.8/048 43.1/021 46.0/070 41.2/006 42.4/012 45.8/066	29.6/009 29.2/007 30.9/030 32.6/058 30.9/027 29.8/012 34.6/082	24.3/011 22.7/004 25.6/031 26.7/044 25.4/026 24.4/014 30.3/082	1976 1977 1978 1979 1980 1981 1982
MAX 49.4	50.2	70.8	54.5	31.5	46.7	54.3	64.1	68.5	59.9	49.3	35.8	31.4	MAX
MIN 43.9 AVE 46.8	40.9 44.9	64.3	46.0	17.4	34.0	45.8	59.4	63.6	51.8	39.6	27.2	21 6	MIN
AVE 46.8 STDEV 1.1	1 8	1.2	50.1 1.6	24.6	39.2 2.6	50.7 1.8	61.8 1.1	66 1	55.7 1.8	44.6 2.0	31.8	26.8 2.3	AVE STDEV
5TH% 45 0	41.8	65.5	47.5	19.3	35.5	47.4	60.0	64.3	52.7	40.7	28 6	22.7	5TH%
95TH% 49 0 # YRS 89	48.2 89	69.8	52.2	29.8	43.6	54.0	63.6	67.9	59.0	48.0	35.3	31.0	95 T H %
JAN-DEC		89 UN-AUG S	89 EP-NOV D	89 DEC-FEB M	89 1AR-APR	89 APR~MAY	89 May-oct	89 JUN-SEP	89 SEP-001	89 0ct-nov 1	88 NOV-APR	89 DEC-MAR	# YRS
											**		

