NOAA Technical Report NWS 20

Precipitable Water Over The United States

Volume II: Semimonthly Maxima

Silver Spring, Md.
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NWS 15 Some Climatological Characteristics of Hurricanes and Tropical Storms, Gulf and East Coasts of the United States. Francis P. Ho, Richard W. Schwerdt, and Hugo V. Goodyear, May 1975, 87 p. (COM-75-11088)

(Continued on inside back cover)

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Precipitable Water Over The United States

Volume II: Semimonthly Maxima

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Hydrometeorological Branch
Office of Hydrology
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U.S. DEPARTMENT OF COMMERCE
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CONTENTS

		Page
Preface		iv
Abstract		1
1.	Introduction	1
2.	Scope	1
3.	Data	2
4.	Humidity measurement	3
4.1.	Humidity elements	3
4.2.	Bias in humidity element	4
4.3.	Change in humidity computation	4
5.	Computation of precipitable water	4
6.	Data summaries	6
6.1.	Series of maxima	6
6.2.	Maximum values	6
7.	Presentation of results	7
7.1.	Maximum w_p from the surface to 150 mb above the surface and surface to 500 mb	7
7.2.	Maximum w_p from the surface to 850, 700, and 400 mb	8
7.3.	Maps of maximum w_p for each half month	8
7.4.	Discussion	8
8.	Bias in Alaska data due to time of observation	9
9.	Comparison of maximum observed w_p with previous work	11
10.	Acknowledgments	12
11.	References	13

TABLES

1.	Station location and period of record	14
2.	Comparison of maximum observed w_p values of this study with those of Weather Bureau Technical Paper No. 10	25
3.	Tables of semimonthly maxima precipitable water for surface to 400, 700, and 850 mb for each of 104 stations	256

LIST OF FIGURES

		Page
1.	Station locator, contiguous States	26
2.	Station locator, Alaska and others	27
3-6.	Contiguous United States, maximum w_p, surface to 500 mb, by half months	28
7-10.	Contiguous United States, maximum w_p, surface to 150 mb above the surface, by half months	32
11-14.	Alaska, maximum w_p, surface to 500 mb, by half months	36
15-18.	Alaska, maximum w_p, surface to 150 mb above the surface, by half months	40
19.	Contiguous States, half month giving the greatest and lowest maximum w_p	44
20.	Alaska, half month giving greatest and lowest maximum w_p	45
21.	Contiguous States, envelopment of greatest observed w_p (mm) surface to 500 mb	46
22.	Alaska, envelopment of greatest observed w_p (mm) surface to 500 mb	47
	Seasonal plots of maxima semimonthly and mean of series of semimonthly maxima precipitable water for surface to 500 mb and surface to 150 mb above the surface for each of 104 stations. (Note: Plots are on even numbered pages; tabulated data on the following odd numbered pages.)	48

PREFACE

This report is a joint effort of the Corps of Engineers, the Nuclear Regulatory Commission, and the National Weather Service. It is based upon computations of precipitable water from twice-a-day upper air soundings for numerous stations for the major record period. These computations were funded by the National Weather Service, Corps of Engineers, and Soil Conservation Service in support of various hydrometeorological projects.

PRECIPITABLE WATER OVER THE UNITED STATES

Volume II: Semimonthly Maxima

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ABSTRACT. Observed semimonthly maxima and means of the series of semimonthly maxima precipitable water are presented in tabular, graphical, and map form for all radiosonde stations in the contiguous United States for the period 1946-72 and for Alaska for the period 1950-69. These data are given by layers from the surface to 400 mb from twice-daily observations.

1. INTRODUCTION

The aim of this study is to provide a detailed three-dimensional view of extreme observed atmospheric water vapor for the United States using all available radiosonde data (omitting a few very short records) from 1946 to 1972 for the contiguous States and 1950 to 1969 for Alaska. Volume I of this report, published in November 1976, gave monthly mean values. This volume presents semimonthly maximum values and means of the series of semimonthly maxima* and their standard deviations.

The liquid equivalent of the water vapor in a given column of the atmosphere is generally referred to as the "precipitable water" (w_p). It is defined as "the total atmospheric water vapor contained in a vertical column of unit cross-sectional area extending between any two specified levels, commonly expressed in terms of the height to which that water substance would stand if condensed and collected in a vessel of the same unit cross section" (American Meteorological Society 1959). The w_p does not include any rain, fog, cloud, or other liquid or frozen condensates in the column.

2. SCOPE

This, the second volume of NOAA Technical Report NWS 20, presents a climatological summary of maximum observed precipitable water over the contiguous States, Alaska, and adjacent waters. It gives the dates of occurrences of

*A series of semimonthly maxima is the set of greatest values for a particular half month. For example, if a station has 27 years of record, the January 1-15 series is the set made up of the 27 greatest values, 1 from each of the 27 January 1-15 periods.

the maxima and means of the series of maximum semimonthly values along with the standard deviations of these series. These values are presented for the layers from the surface to:

150 mb above the surface
850 mb
700 mb
500 mb
400 mb

For the layers surface-to-150-mb above the surface and surface-to-500 mb, seasonal plots of maxima and means of the series of maxima at stations are provided as well as semimonthly maps of the maximum observed. Smooth analyses are shown of these mapped values for the eastern half of the country.

3. DATA

The data used in this study are derived from the National Weather Service (formerly U.S. Weather Bureau) and cooperative upper air stations. The network is shown in figure 1 for the contiguous United States, and in figure 2 for Alaska and other regions. The period of record for stations in the contiguous States encompassed the 27-yr period 1946-72* (19,724 possible observations), and the 20-yr period 1950-69 (14,610 possible observations) for Alaskan stations. In general, data for all stations that have upper air soundings in the above periods were summarized but some very short records are not presented. Outside the contiguous States and Alaska, the radiosonde station at Merida, Mexico, was included because of its strategic position in relation to the tropical moisture flow into the United States from the south. Ship station H (2 positions) and Hamilton Field, Bermuda, similarly give the moisture available off the east coast and ships N and P and Guadalupe Island, Mexico, off the Pacific coast. The locations of these stations are shown on figure 2.

The record for ship station H was separated into two parts, because of the large difference in w_p at the two locations. The water is much colder at the northern station even though there is only a 2° latitude and 1° longitude difference in the locations. (The different locations for ship station N presented no problem in this regard.)

In cases where the upper air station had been moved, as shown in the following list, the records were combined. The latest location is given first.

1. Athens and Atlanta, Ga.
2. Boothville, Burrwood, and New Orleans, La.
3. Cape Kennedy and Cocoa Beach, Fla.
4. Midland and Big Springs, Tex.

*January 1, 1946, the beginning record date, was chosen because on this day constant-pressure data replaced constant-level data for U.S. soundings. Transformation of the data before this date was not thought worthwhile.

5. Peoria and Rantoul, Ill.
6. Point Arguello and Santa Maria, Calif.
7. Quillayute and Tatoosh Island, Wash.
8. Salt Lake City and Ogden, Utah
9. Santa Monica and Long Beach, Calif.
10. Tinker AFB and Oklahoma City, Okla.
11. Victoria and San Antonio, Tex.
12. Waycross, Ga., and Jacksonville, Fla.
13. Valparaiso and Pensacola, Fla.
14. Yucca Flat and Las Vegas, Nev.

In the above cases it is assumed that differences in w_p at the two or three stations were small enough so the records could be combined without significant error. The few stations that have moved since December 31, 1972, are not listed.

Local observation site changes within a metropolitan area were not considered significant from the standpoint of precipitable water distribution and were therefore ignored. For example, in the Washington, D.C., area, the radiosonde has been released from three locations during the 27-yr period, all within about 25 nmi of each other.

A few stations in the Plains States were operated only in the spring and early summer tornado season. These stations are treated like the year-round stations except that the summaries are confined to the operating season. Extremes for months in which no observations were taken appear as 0.0000 in tables showing extremes or means.

Table 1 lists each station for which data were summarized, its location by latitude and longitude, elevation, and period of record. Significant gaps in the station records are noted. Summarized in this report are data for 83 stations in the contiguous United States (counting as one each group of 2 or 3 stations that were combined into a single record), 14 in Alaska, 3 weather ships (each location spearately from ship H), and 3 foreign stations.

From the beginning of the record period, January 1, 1946, until June 1, 1957, the observation times of U.S. radiosondes were 0300 Gmt and 1500 Gmt. On June 1, 1957, the observation time became 0000 Gmt and 1200 Gmt, to conform with most of the rest of the world. Observations taken 1 and 2 hours on either side of the scheduled observation times are included. The 0000 Gmt data were combined with 0300 Gmt data and 1200 Gmt with 1500 Gmt for all stations that spanned the time change.

4. HUMIDITY MEASUREMENT

4.1 Humidity Elements

The radiosonde contained a lithium chloride element (Dunmore 1938) for measuring relative humidity for the early period of record and a carbon element (Marchgraber 1959) for the later period. The lithium chloride humidity element was introduced in 1943 to replace the hair hygrometer.

The carbon element came into use gradually; in the National Weather Service 1962-65, U.S. Air Force 1961-62, and in the U.S. Navy land stations 1963-65 (Morrisay and Brousaides 1970). Navy ships were still using the lithium chloride element in 1973.

4.2 Bias in Humidity Element

In recent years it has been reported that the carbon humidity element, ML 476, is biased toward lower humidity due to solar radiation on the sensor (Morrisay and Brousaides 1970; Brousaides 1973; Sanders, Sullivan and Pytlowany 1975). The lithium chloride element is also affected by solar insolation but to a much lesser degree (Brousaides 1973).

Correction of the data for carbon humidity element bias was not attempted in this study. Ideally, local weather for each ascent would be the basis for making a correction. Any gross overall correction to the data would be suspect. The bias in our results is probably not serious (except possibly over Alaska) for the following reasons:

1. The given w_p values always include the lower layers (surface-to-850-mb, surface-to-700-mb, etc.) where the bias is smallest, thus minimizing this effect.

2. The carbon element was used in approximately one-third of the period in the contiguous 48 States and two-fifths of the period in Alaska.

Another factor affecting possible bias is the observation time relative to the Sun (Sanders, Sullivan, and Pytlowany 1975). Over the contiguous United States the observation times are generally near sunrise and sunset, when the effect of sunlight on the humidity element is weak. However, in Alaska, the observation time is nearer local noon and midnight. The effect of solar radiation on the radiosonde carbon humidity element is further discussed in section 8.

4.3 Change in Humidity Computation

No adjustment was made to the record, because of the change in the standard method of computing relative humidity. In 1948, the saturation vapor pressure argument for temperatures below 0°C was changed from "saturation with respect to ice" to "saturation with respect to water." Since this affected only a small fraction of the record (33 out of 324 months for a 27-yr record station, or about 10 percent) and then only for temperatures below 0°C, the effect on maximum w_p values would be negligible.

5. COMPUTATION OF PRECIPITABLE WATER

The data for this study came from the summary of upper air data archived at the National Climatic Center (NCC), Asheville, N.C., of the Environmental Data and Information Service (EDIS), National Oceanic and Atmospheric Administration (NOAA). Among other things, this summary lists the temperature

and dewpoint for the ground surface and for pressure surfaces at 50-mb intervals. The depth of precipitable water was computed by layers: from the surface to the first standard level, and then by 50-mb layers to 400 mb.

The mass of water vapor, M_w, in a column of unit cross section from P_t, the pressure at the top, to P_b, the pressure at the bottom (Solot 1939) is:

$$M_w = \frac{1}{g} \int_{P_t}^{P_b} q \, dp$$

where

g = acceleration of gravity
q = specific humidity

Precipitable water, w_p, is numerically equal to M_w when any consistent set of metric units is used.

Data were summed from the surface-to-850-mb, surface-to-700-mb, surface-to-500-mb, surface-to-400-mb, and surface-to-150-mb above the surface, by 50-mb layers interpolating when necessary in the last layer.

The w_p computation formula (Solot 1939) is as follows:

$$w_p = .0004 \, (p_{n-1} - p_n) \, (q_{n-1} + q_n)/2$$

where

w_p = precipitable water (inches)
p = pressure (mb)
q = specific humidity (dimensionless)
n = top of a given layer

$$q = 0.622 \frac{e}{p}; \; e = e_s \, RH$$

where

e = vapor pressure (mb)
e_s = saturation vapor pressure (mb)
RH = relative humidity in percent

The saturation vapor pressure is calculated by Bosen (1960).

$$e_s = 33.8639 \, [(0.00738T + 0.8072)^8 - 0.000019 \, | \, 1.8T + 48 \, | + 0.001316]$$

where

T = temperature (°C)

The precipitable water was computed for individual observations by the NCC by these formulas.

6. DATA SUMMARIES

6.1 Series of Maxima

The first step in summarization was to select for each station the greatest w_p computed for each of the two sounding times for each half month of record for each of the 5 layers (surface-to-850, to 700, to 500, to 400 mb, and 150 mb above the surface) for each of the two observation times, 0000 Gmt (0300 Gmt) and 1200 Gmt (1500 Gmt). Breakdown into semimonthly periods instead of monthly gives added seasonal definition, particularly in spring and fall when there are rapid changes in w_p. This gave us approximately 25,000 series of maximum values (104 stations X 24 half-month periods X 5 layers X 2 observation times). The mean and standard deviation for each of these series were computed.

6.2 Maximum Values

From each series, it wasn't difficult to select the one greatest value. We then combined the two observation times by selecting the greatest of the two for each half month. This is justified by the fact that the possible bias due to the two different observation times is generally small in the contiguous States (section 4).

Inspection of these single greatest values suggested that some were in error. Such errors came into the picture from several possible sources including errors due to instrument failure in soundings, and incorrect transcription of observed data. Some method of validating the 12,500 extreme values was necessary. Cost and processing time prohibited detailed verification of each value. Our method was to establish a smooth seasonal curve of the greatest values for each station and layer and then check those that were more than 10% greater than the seasonal curve.

The smooth curve of greatest semimonthly values was obtained by evaluating the least square polynomial of degree 3 relevant to 5 adjoining half-month values. This method minimizes the sum of the squares of the differences between the estimated smooth values and the observed values. Applying the procedure, the desired smoothed value Z_i at point (i) is given by:

$$Z_i = Y_i - \frac{3}{35}\left(Y_{i-2} - 4Y_{i-1} + 6Y_i - 4Y_{i+1} + Y_{i+2}\right)$$

where Y_{i-2}, Y_{i-1}, ... Y_{i+2} are five successive half-month maximum w_p values centered at point (i).

For application to all data points, we treated the series as cyclic by attaching the January values after December, and preceding January with December amounts. Having the smooth seasonal curve of greatest semimonthly values, ratios were computed of each extreme to the value from the curve. The values that exceeded the smooth curve by 10% or more were candidates for verification.

The first check was against extremes from the adjoining layers. If adjoining layers were also extremes, this gave support to accepting the value. Second, the value was compared with w_p values before and after the time of the questioned one. One would expect progressive rather than sudden increases and decreases before and after the most extreme event in most cases. In like manner high w_p values would also be expected at nearest stations.

However, because of the distances between stations and fast-moving systems, a reported extreme could be correct even if not thus supported in time and space. Therefore, weather maps were examined for any cases that passed the previous checks. Both surface and upper air charts were used. Moisture patterns on these charts and their motion in conjunction with pressure patterns and frontal systems enabled decisions in most cases on whether or not the value was in error. Where doubt remained, copies of the original upper air soundings were obtained for the time and date of the event. In most cases, the problem was cleared up by errors found due to the instrument, or the compilation or transcription of data.

About 400 extreme cases were put through this hierarchy of checks; of these about 120 were rejected and replaced with the next greatest value. When an erroneous value was replaced, it was also replaced in the series of maxima making up the mean. Thus, the extreme and the mean of the series of maxima are compatible.

7. PRESENTATION OF RESULTS

7.1 Maximum w_p From the Surface to 150 mb Above the Surface and Surface to 500 mb

For each of the stations, seasonal graphs of the maximum semimonthly and the mean of the series of maximum semimonthly values are given on the even numbered pages from p.48 to p. 254. All plots are to the same scale, allowing easy comparison between stations. The plots are followed on the odd numbered pages by tabulations of the plotted data. The surface-to-500-mb values are graphed to facilitate comparison with daily transmitted values used in operational forecasting. The graphs for the layer from the surface to 150 mb above the surface are given to show the important low-level moisture distribution. Where precision is required the tabulated values can be consulted.

Tabulations of the maximum observed values (left side of odd numbered pages, p.49 to 255), list the year, month, day and time of observation. For example, numbers in the "Date" column of 59010412 show that the value is for 1959, January 4th at 1200 Gmt or 1500 Gmt. Smooth seasonal curves are shown for both the extremes and the means. The curves for the extremes are obtained by applying an additional smoothing step to the curves used for checking for erroneous values. This last smoothing was done by obtaining 25 additional points through quadratic interpolation between the 24 semimonthly extremes using the Aitken-Neville method (McCormick and Salvadori 1965).

The seasonal graphs (surface-to-500-mb and surface-to-150-mb above the surface) for the mean of the series of semimonthly maxima (the right side of even numbered pages 48 to 254) show values for the 0000 Gmt and 1200 Gmt observations separately ("+" for 0000 Gmt and "." for 1200 Gmt). If the difference between the two mean values is less than 0.02 inches (0.051 cm), the symbol "X" is used. The tabular data (shown on the opposite page) give values for each of the two times. The standard deviation (SD) of the mean of each series is listed. A single smooth curve for the means of the series of maximum values for each layer was derived in the same fashion as for the maximum observed values after the two observations for each layer for each half-month were averaged.

7.2 Maximum w_p from the Surface to 850, 700, and 400 mb

Tabular data for the surface-to-850-mb, -700-mb, and -400-mb levels for all the stations are given on pages 256 to 359, a single page to each station. The explanation given for the other tabular data applies equally to these.

For each set of data the stations are in alphabetical order first for stations in the contiguous States, then for stations in Alaska. Ships and foreign stations in subgroups bring up the rear.

7.3 Maps of Maximum w_p for Each Half Month

Maps of maximum observed semimonthly w_p values over the contiguous States for two layers (surface-to-500-mb and surface-to-150-mb above the surface) are shown in figures 3 through 10. The same data are shown for Alaska in figures 11 through 18. All w_p values are plotted in mm. Smooth lines are drawn on these maps for the U.S. east of longitude 100°W. The data on these charts are maximum observed values regardless of the year of occurrence and do not represent a single extreme moisture pattern. In the analyses, the maximum w_p distributions were smoothed geographically and seasonally. The degree of smoothing made it necessary to undercut a few of the maximum values. Data points exceeding the analysis by 10% are underlined. Alternative analyses are possible. The one shown indicates that many stations have not yet experienced the extremes that have occurred at other stations. Even larger values than those providing control are possible. Both the short record, 27 years or less, and the infrequent sampling, only 2 observations per day, suggest higher values are to be expected.

West of longitude 100° no analysis is shown because major differences in station elevations would introduce complications. The patterns east of 100°W should have little distortion except over the Appalachians, where our analyses only partially take into account the higher elevations.

7.4 Discussion

The seasonal variation in maximum observed w_p amounts at a given station is usually irregular in a record as short as 27 years with the infrequent sampling. This is especially evident at stations in the Northern United States far from moisture sources.

Figure 19 shows the half-month providing the greatest and lowest of the 24 extremes observed in the contiguous States. Six stations with either very short records or with no data for some of the months are not included in the diagram. About 85% of the greatest values were observed in July or August with the remaining in June or September.

Greatest amounts of record for southern California, southern Texas, and along the Seaboard of the Southeastern States occurred in the months June through September. This somewhat random occurrence in observed maxima in these coastal regions results mainly from high moisture influx accompanying tropical disturbances.

Most of the lowest of the 24 values occurred in March or April in the Western United States (at 17 of 23 stations) and January or February (at 43 of 54 stations) to the east of the Rockies. The trend for a later month in the Western United States is assumed to be related to the sea-surface temperatures in the moisture source region being coldest in March.

Figure 20 shows the half-month providing the largest and smallest of the 24 extremes observed in Alaska and at ship station "P". The largest occurred in the months of June through August, and the smallest in December through April. The irregular pattern in the occurrences may result from the short period of observations.

Figure 21 gives the greatest observed w_p for the surface-to-500-mb layer along with the years of record for all stations in the contiguous States. The enveloping analysis indicates that the largest values, over 6 cm, have occurred near the gulf and Atlantic coasts. The smooth isopleths show a decrease to about 4 cm approaching the slopes of the Continental Divide. A broad region of lowest w_p shows up in the region just to the west of the Continental Divide. This illustrates a combination of reduction for elevation and the effects of mountain barriers in excluding moisture.

A similar diagram for the greatest observed w_p values for Alaska is shown on figure 22.

8. BIAS IN ALASKA DATA DUE TO TIME OF OBSERVATION

The mean of each series of maximum w_p was computed separately for each of the two daily observation times in order to investigate possible bias due to effects of sunlight on the humidity element. (See section 4.) It turns out to be a particular problem in soundings for Alaskan stations, most acute in summer months. Plots of the means of the series of maximum w_p values by half-month intervals for Alaskan stations show a distinct tendency toward higher values for the 1200 Gmt (or 1500 Gmt) observation than for the 0000 Gmt (or 0300 Gmt) observation. The 0000 Gmt observation is near noon local time in Alaska. The bias appears most pronounced in the second half of July. This can be seen in the plots of data for the surface-to-500-mb layer and to a lesser extent in the surface-to-150-mb above the surface layer. To investigate the large summer bias, a count was made of the number of 0000 Gmt

and 1200 Gmt maxima for the half-month showing the most bias (July 16-31) for surface-to-500-mb layer before and after the introduction of the carbon humidity element. It is assumed that the carbon element was introduced across Alaska simultaneously in January 1962. Combining all Alaskan stations the number of times the maximum w_p occurred at 0000 Gmt and at 1200 Gmt for each period is as follows:

	1950-61 (Lithium Chloride Element)		1962-69 (Carbon Element)	
	Observation time		Observation time	
	0000 Gmt	1200 Gmt	0000 Gmt	1200 Gmt
Number of cases with max. at indicated time	67	91	22	90
Total no. of cases	158*		112	
Percent of cases with max. at 1200 Gmt	58		80	

*The total is less than 168 (12 years x 14 stations), because of missing periods of record.

After January 1, 1962, (using the carbon element) the bias toward higher values for the 1200 Gmt observation is substantial, while there is only a slight bias with the lithium chloride humidity element (prior to January 1, 1962). This is in agreement with the aforementioned bias toward lower relative humidity values with the carbon element when exposed to solar insolation.

For a more definitive test, a statistical analysis of data observed at these two times was made using the Mann-Whitney Test (1947). This is a nonparametric test for evaluating two groups of random samples of measurements. It provides a statistic to see if one can reject the null hypothesis that the two populations are identical. If F(X) and G(X) are the distribution functions corresponding to population 1 and 2, respectively, then the hypothesis may be stated as follows:

$$H_o : F(X) = G(X) \text{ for all } X$$

$$H_1 : F(X) \neq G(X) \text{ for some } X,$$

where H_o is the null hypothesis and H_1 is the alternative hypothesis. For discussion in depth on this test, the reader is referred to statistical texts (e.g., Siegel 1956, Conover 1971).

In this test, we used data for the surface-to-500-mb layer at two daily observation times. We selected semimonthly maximum w_p values for the months May through October for the 10 stations with complete 20 years of record. This gave a data sample for each station of 480 [12 half-months X 20 years X 2 observation times]. We separated the data into two groups: the record

1950-61 and the record 1962-69. The break in the record occurs when the change was made from the lithium chloride to the carbon humidity element. Results of the Mann-Whitney test for the period 1962-69 indicate that the null hypothesis for 5 out of the 10 stations can be rejected at significance level of less than 5% while, for the period 1950-61, the null hypothesis cannot be rejected for all 10 stations. These results indicate that there are significant differences in the 0000 Gmt and 1200 Gmt data for the period 1962-69. It suggests that there is a bias in the radiosonde data since January 1, 1962, towards higher w_p values for the 1200 Gmt or nighttime soundings that can be attributed to use of the carbon humidity elements. The order of magnitude of this bias may be approximated by the difference between the mean of w_p values for the 1200 Gmt or nighttime sounding and the mean for daytime (0000 Gmt) sounding.

Similar tests using data for the surface-to-150-mb above the surface layer indicate no significant differences in w_p values between the two observation times. This agrees with the contention that the bias is small at lower layers where the effect of sunlight on the humidity element is weak.

9. COMPARISON OF MAXIMUM OBSERVED w_p WITH PREVIOUS WORK

A comparison was made between the maximum observed w_p values reported in Technical Paper No. 10 (Shands 1949) and the present study. Technical Paper No. 10 lists maximum values for the surface to 5 km (about 540 mb) from 3 to 5 years of record which can be compared with the maximum values of this study for the surface-to-500-mb layer for 33 stations. The length of record in this study is 27 years for 20 of the stations, between 20 and 24 for 7 stations, between 10 and 18 for 5 stations, and 7 years for 1 station. The comparisons are given with dates of occurrence in table 2. The 3 to 5 yr maximum exceeds the long-period maximum at 15 of the 33 stations. It is unrealistic for the shorter period of record to provide maximum values for so many stations. We surmise that many of the extremes for the short early period are overestimates.

A probable reason for some of the large values is that relative humidity was then measured with the hair hygrometer which has serious defects at low temperatures and slow response to changes in moisture. The hair response was very slow at low temperatures, becoming almost infinite at -40°C (Middleton et al. 1953). The lag, as the instrument ascends through progressively drier air, thus typically resulted in erroneously high humidity measurements. Another possible source of error may be computational procedures. In the earlier study, data were used at only widely spaced pressure levels (say, 850, 700, and 500 mb) to approximate specific humidity within these layers. This approximation could account for 2% to 5% higher w_p estimates (Tuller 1968). The w_p in the present study are based on data at 50-mb intervals.

10. ACKNOWLEDGMENTS

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Table 1.--Station location and period of record

Station	Elevation (m)	Elevation (ft)	N lat.	W long.	Approx. yr of record*	Period of record	Notes
CONTIGUOUS U.S. STATIONS							
Abilene, Tex.	534	(1752)	32°26'	99°41'	15	3/57-5/61 2/63-5/72	Generally Feb. thru May only.
Albany, N.Y.	86	(282)	42°45'	73°48'	23	1/46-11/51 10/55-12/72	
Albuquerque, N.Mex.	1619	(5312)	35°03'	106°37'	27	1/46-12/72	
Amarillo, Tex.	1095	(3593)	35°14'	101°42'	20	7/52-12/72	
Athens, Ga.	246	(807)	33°57'	83°19'	17	9/55-12/72	Combined with Atlanta, Ga.
Atlanta, Ga.	300	(984)	33°39'	84°25'	10	1/46-9/55	Combined with Athens, Ga.
Big Springs, Tex.	784	(2572)	32°14'	101°30'	5	7/49-11/53	Combined with Midland, Tex.
Bismarck, N. Dak.	505	(1657)	46°46'	100°45'	27	1/46-12/72	
Boise, Idaho	867	(2845)	43°34'	116°13'	27	1/46-12/72	
Boothville, La.	1	(3)	29°20'	89°24'	8	3/65-12/72	Combined with New Orleans and Burrwood, La.
Brownsville, Tex.	7	(23)	25°54'	97°26'	27	1/46-12/72	
Buffalo, N. Y.	218	(715)	42°56'	78°44'	27	1/46-12/72	

See notes at end of table.

Table 1.--Continued

Station	Elevation (m)	(ft)	N lat.	W long.	Approx. yr of record*	Period of record	Notes
Burrwood, La.	3	(10)	28°58'	89°22'	15	1/46-12/46 8/50-2/65	Combined with New Orleans and Boothville, La.
Cape Hatteras, N.C.	4	(13)	35°16'	75°33'	27	1/46-12/72	
Cape Kennedy, Fla.	3	(10)	28°14'	80°36'	14	11/56-5/70	Combined with Cocoa Beach, Fla.
Caribou, Me.	191	(627)	46°52'	68°01'	27	1/46-12/72	
Charleston, S. C.	13	(43)	32°54'	80°02'	27	1/46-12/72	
China Lake, Calif.	682	(2238)	35°41'	117°41'	15	1/46-12/72	Many long and short gaps.
Cocoa Beach, Fla.	3	(10)	28°14'	80°36'	7	2/50-11/56	Combined with Cape Kennedy, Fla.
Columbia, Mo.	238	(781)	38°58'	92°22'	25	1/46-8/70	
Dayton, Ohio	297	(974)	39°52'	84°07'	21	12/51-12/72	
Del Rio, Tex.	314	(1030)	29°22'	100°55'	19	1/54-12/72	
Denver, Colo.	1611	(5286)	39°46'	104°53'	24	10/48-12/72	

See notes at end of table.

Table 1.--Continued

Station	Elevation (m)	Elevation (ft)	N lat.	W long.	Approx. yr of record*	Period of record	Notes
Dodge City, Kans.	791	(2595)	37°46'	99°58'	27	1/46-12/72	
El Paso, Tex.	1193	(3914)	31°48'	106°24'	27	1/46-12/72	
Ely, Nev.	1908	(6260)	39°17'	114°51'	27	1/46-12/72	
Flint, Mich.	236	(774)	42°58'	83°44'	16	9/56-12/72	
Fort Huachuca, Ariz.	1419	(4656)	31°34'	110°20'	12	1/55-12/59 6/63-11/66 10/67-7/71	
Fort Smith, Ark.	136	(446)	35°20'	94°22'	11	3/53-5/64	Mostly Feb.-Sept. 1953-9; Feb.-June 1960-64
Fort Worth, Tex.	180	(591)	32°46'	97°25'	23	9/49-12/72	
Glasgow, Mont.	696	(2284)	48°13'	106°37'	27	1/46-12/72	
Goodland, Kans.	1113	(3652)	39°22'	101°42'	9	7/52-9/56 6/58-9/61	Mostly May-Sept.
Grand Junction, Colo.	1474	(4836)	39°07'	108°32'	26	12/46-12/72	
Great Falls, Mont.	1118	(3668)	47°29'	111°22'	27	1/46-12/72	
Green Bay, Wis.	210	(689)	44°29'	88°08'	20	3/53-12/72	

See notes at end of table.

Table 1.--Continued

Station	Elevation (m)	Elevation (ft)	N lat.	W long.	Approx. yr of record*	Period of record	Notes
Greensboro, N.C.	273	(896)	36°05'	79°57'	27	1/46-12/72	
Huntington, W.Va.	246	(807)	38°22'	82°33'	14	1/46-8/48 12/61-12/72	
Huron, S. Dak.	392	(1286)	44°23'	98°13'	15	6/57-9/61 6/63-8/72	Mostly June-Sept.
International Falls, Minn.	360	(1181)	48°34'	93°23'	27	1/46-12/72	
Jackson, Miss.	94	(308)	32°19'	90°05'	19	3/53-4/55 2/56-12/72	Mostly Feb.-Apr. All year.
Jacksonville, Fla.	5	(16)	30°25'	81°39'	19	8/50-4/69	Combined with Waycross, Ga.
Joliet, Ill.	179	(587)	41°30'	88°10'	7	1/46-3/53	
Key West, Fla.	3	(10)	24°33'	81°48'	19	4/54-12/72	Navy observation.
Lake Charles, La.	5	(16)	30°07'	93°13'	27	1/46-12/72	
Lander, Wyo.	1696	(5564)	42°49'	108°44'	27	1/46-12/72	
Las Vegas, Nev.	660	(2165)	36°05'	115°10'	21	1/46-10/66	Combined with Yucca Flat, Nev.
Little Rock, Ark.	79	(259)	34°44'	92°14'	27	1/46-12/72	

See notes at end of table.

Table 1.--Continued

Station	Elevation (m)	Elevation (ft)	N lat.	W long.	Approx. yr of record*	Period of record	Notes
Long Beach, Calif.	10	(33)	33°49'	118°09'	7	12/48-4/56	Combined with Santa Monica, Calif.
Medford, Oreg.	401	(1316)	42°22'	122°52'	27	1/46-12/72	
Miami, Fla.	4	(13)	25°48'	80°16'	27	1/46-12/72	
Midland, Tex.	874	(2867)	31°56'	102°12'	19	11/53-12/72	Combined with Big Springs, Tex.
Montgomery, Ala.	57	(187)	32°18'	86°24'	24	1/49-12/72	
Nantucket, Mass.	14	(46)	41°15'	70°04'	27	1/46-12/72	
Nashville, Tenn.	180	(591)	36°15'	86°34'	27	1/46-12/72	
New Orleans, La.	2	(7)	29°59'	90°15'	3	1/47-7/50	Combined with Burrwood and Boothville, La.
New York, N.Y.	5	(16)	40°39'	73°47'	16	9/56-12/72	
North Platte, Nebr.	847	(2779)	41°8'	100°41'	27	1/46-12/72	
Oakland, Calif.	6	(20)	37°44'	122°12'	27	1/46-12/72	
Ogden, Utah	1358	(4455)	41°11'	112°01'	11	1/46-8/56	Combined with Salt Lake City, Utah.

See notes at end of table.

Table 1.--Continued

Station	Elevation (m)	Elevation (ft)	N lat.	W long.	Approx. yr of record*	Period of record	Notes
Oklahoma City, Okla.	392	(1286)	35°24'	97°36'	21	1/46-6/67	Combined with Tinker AFB, Okla.
Omaha, Nebr.	403	(1322)	41°22'	96°01'	20	1/46-12/47 9/54-12/72	
Pensacola, Fla.	36	(118)	30°28'	87°12'	12	9/55-10/67	Sporatic Obser. Combined with Valparaiso AFB, Fla.
Peoria, Ill.	200	(656)	40°40'	89°41'	16	9/56-12/72	Combined with Rantoul, Ill.
Phoenix, Ariz.	341	(1119)	33°26'	112°01'	12	1/46-1/58	
Pittsburgh, Pa.	361	(1184)	40°32'	80°14'	27	1/46-12/72	
Pt. Arguello-Vandenberg AFB, Calif.	23	(75)	34°34'	120°40'	13	7/59-12/72	Combined with Santa Maria, Calif. Gap 3-11/65.
Pt. Mugu, Calif.	8	(26)	34°07'	119°07'	21	1/52-12/72	Many gaps in record.
Portland, Maine	20	(66)	43°39'	70°19'	27	1/46-12/72	
Quillayute, Wash.	56	(184)	47°57'	124°33'	6	8/66-12/72	Combined with Tatoosh Island, Wash.
Rantoul, Ill.	23	(75)	40°19'	88°10'	8	1/49-10/56	Combined with Peoria, Ill.

See notes at end of table.

Table 1.--Continued

Station	Elevation (m)	(ft)	N lat.	W long.	Approx. yr of record*	Period of record	Notes
Rapid City, N.Dak.	966	(3169)	44°03'	103°04'	27	1/46-12/72	
St. Cloud, Minn.	316	(1037)	45°35'	94°11'	26	5/47-12/72	
Salem, Ill.	174	(571)	38°39'	88°58'	4	6/69-12/72	
Salem, Oreg.	61	(200)	44°55'	123°01'	17	6/56-12/72	
Salt Lake City, Utah	1288	(4226)	40°46'	111°58'	16	8/56-12/72	Combined with Ogden, Utah.
San Antonio, Tex.	243	(797)	29°32'	98°28'	20	1/46-6/66	Combined with Victoria, Tex.
San Diego, Calif.	124	(407)	32°49'	117°08'	27	1/46-12/72	
San Nicholas Is., Calif.	153	(502)	33°15'	119°27'	20	9/52-12/72	Gaps in record.
Santa Maria, Calif.	74	(243)	34°54'	120°27'	13	1/46-6/59	Combined with Pt. Arguello, Calif.
Santa Monica, Calif.	38	(125)	34°01'	118°27'	10	4/56-9/65	Combined with Long Beach, Calif.
Sault Ste. Marie, Mich.	221	(725)	46°28'	84°22'	27	1/46-12/72	
Seattle, Wash.	125	(410)	47°27'	122°18'	18	1/46-1/64	

See notes at end of table.

Table 1.--Continued

Station	Elevation (m)	Elevation (ft)	N lat.	W long.	Approx. yr of record*	Period of record	Notes
Shreveport, La.	79	(259)	32°28'	93°49'	21	6/52-12/72	
Spokane, Wash.	720	(2362)	47°38'	117°32'	27	1/46-12/72	Gaps 10/51-3/52; 5-6/52
Tampa, Fla.	8	(26)	27°58'	82°32'	27	1/46-12/72	
Tatoosh I., Wash.	31	(102)	48°23'	124°44'	21	1/46-7/66	Combined with Quillayute, Wash.
Tinker AFB, Okla.	397	(1303)	35°25'	97°24'	4	7/67-3/71	Combined with Oklahoma City, Okla.
Topeka, Kans.	269	(883)	39°4'	95°38'	19	12/53-12/72	
Tucson, Ariz.	781	(2562)	32°8'	110°57'	21	9/51-12/72	Gaps in early record.
Valparaiso, Fla.	29	(95)	30°29'	86°43'	3	10/67-5/70	Combined with Pensacola, Fla.
Victoria, Tex.	33	(108)	28°51'	96°55'	6	7/66-12/72	Combined with San Antonio, Tex.
Waycross, Ga.	44	(144)	31°15'	82°24'	4	4/69-12/72	Combined with Jacksonville, Fla.
Wallops I., Va.	2	(7)	37°51'	75°29'	9	10/63-12/72	
Washington, D.C.	85	(277)	38°59'	77°28'	27	1/46-12/72	

See notes at end of table.

Table 1.--Continued

Station	Elevation (m)	Elevation (ft)	N lat.	W long.	Approx. yr of record*	Period of record	Notes
Winnemucca, Nev.	1312	(4304)	40°54'	117°48'	17	5/56-12/72	
Winslow, Ariz.	1492	(4895)	35°02'	110°44'	11	11/61-12/72	
Yucca Flat, Nev.	1198	(3930)	36°57'	116°03'	6	10/66-12/72	Combined with Las Vegas, Nev.
Yuma, Ariz.	59	(194)	32°40'	114°36'	16	7/55-7/71	
ALASKA STATIONS							
Anchorage	45	(148)	61°10'	150°01'	20	1/50-12/69	
Annette	37	(121)	55°02'	131°34'	20	1/50-12/69	
Barrow	8	(26)	71°18'	156°47'	20	1/50-12/69	
Barter I.	15	(48)	70°08'	143°38'	17	4/53-12/69	
Bethel	39	(128)	60°47'	161°48'	20	1/50-12/69	Gap 8-11/58.
Cold Bay	30	(98)	55°12'	162°43'	18	2/50-11/53 8/55-12/69	
Fairbanks	135	(443)	64°49'	147°52'	20	1/50-12/69	
King Salmon			See Naknek				

See notes at end of table.

Table 1.--Continued

Station	Elevation (m)	Elevation (ft)	N lat.	W long.	Approx. yr of record*	Period of record	Notes
Kotzebue	5	(16)	66°52'	162°38'	20	1/50-12/69	
McGrath	103	(338)	62°58'	155°37'	20	1/50-12/69	
Naknek (King Salmon)	99	(325)	58°41'	156°39'	17	5/53-12/69	
Nome	5	(16)	64°30'	165°26'	20	1/50-12/69	
St. Paul I.	10	(33)	57°09'	170°13'	20	1/50-12/69	
Shemya	38	(124)	52°43'	174°06'E	20	3/50-12/69	
Yakutat	12	(39)	59°31'	139°40'	20	1/50-12/69	
				SHIP STATIONS			
Ship Station H	+		36°00'	70°00'	5	1-3/46 5/49-6/54	
			38°00'	71°00'	3	2/70-12/72	Gaps in May, June, July
Ship Station N	+		30°00'	140°00'	26	8/46-2/72	
			31°00'	140°00'	(7/1/54)		
			32°30'	135°00'	(7/1/53)		
			33°00'	135°00'	(1/1/51 earliest published position)		

See notes at end of table.

Table 1.--Continued

Station	Elevation (m)	Elevation (ft)	N lat.	W long.	Approx. yr of record*	Period of record	Notes
Ship Station P	+		50°00'	145°00'	24	8/46-8/71	Gap 6/47-8/48
FOREIGN STATIONS							
Bermuda (Hamilton Field)	33	(108)	32°18'	64°47'	27	1/46-12/72	
Guadalupe I., Mexico	6	(20)	28°53'	118°18'	2	1/71-12/72	
Merida, Mexico	11	(36)	20°57'	89°40'	18	1/46-12/47 10/56-12/72	

*Large gaps are noted, but smaller gaps are omitted. Years of record are between 1946 and 1972, incl.

+6 to 9 m (20-30 ft) depending on type of ship.

Table 2.--Comparison of maximum observed w_p values of this study with those of Weather Bureau Technical Paper No. 10

Station	Tech. Paper No. 10			This Study		
	sfc to 5 km (540 mb)			sfc to 500 mb		
	w_p			w_p		
	in	(cm)	date	in	(cm)	date
Albuquerque, N.Mex.	1.08	(2.75)	8/3/39	1.29	(3.28)	8/6/70
Atlanta, Ga.	2.32	(5.89)	8/14/39	2.12	(5.39)	6/15/58
Bismarck, N.Dak.	2.19	(5.56)	7/8/41	1.76	(4.46)	6/28/63
Brownsville, Tex.	2.72	(6.91)	9/23/41	2.58	(6.56)	9/20/58
Buffalo, N.Y.	1.95	(4.95)	7/18/42	1.99	(5.06)	8/24/59
Charleston, S.C.	2.34	(5.94)	9/27/39	2.46	(6.25)	7/27/64
Dayton, Ohio	2.27	(5.76)	8/22/36	2.05	(5.20)	7/15/54
Denver, Colo.	1.21	(3.07)	7/25/41	1.34	(3.39)	7/30/50
El Paso, Tex.	1.50	(3.81)	8/28/36	1.51	(3.83)	8/3/66
Ely, Nev.	0.90	(2.29)	7/30/39	1.07	(2.72)	8/9/63
Glasgow, Mont.	1.13	(2.87)	6/26/44	1.48	(3.76)	7/21/55
Great Falls, Mont.	1.22	(3.10)	7/27/41	1.25	(3.19)	7/17/55
Internat'l Falls, Minn.	1.71	(4.34)	8/22/43	2.00	(5.08)	7/3/49
Joliet, Ill.	2.54	(6.45)	7/7/39	2.16	(5.49)	7/8/49
Lake Charles, La.	2.45	(6.22)	9/16/42	2.55	(6.48)	7/11/63
Miami, Fla.	2.64	(6.71)	8/14/39	2.36	(5.99)	9/17/47
Montgomery, Ala.	2.14	(5.44)	8/7/35	2.41	(6.12)	8/14/52
Nashville, Tenn.	2.47	(6.27)	8/12/41	2.21	(5.60)	8/2/56
Oakland, Calif.	1.93	(4.90)	8/27/35	1.69	(4.30)	8/28/49
Oklahoma City, Okla.	2.21	(5.61)	7/13/41	2.22	(5.63)	8/21/58
Omaha, Nebr.	2.19	(5.56)	8/11/41	2.15	(5.46)	8/1/66
Pensacola, Fla.	2.29	(5.82)	9/26/39	2.17	(5.51)	8/22/68
Phoenix, Ariz.	1.80	(4.57)	8/4/40	2.02	(5.12)	8/21/55
Portland, Maine	1.71	(4.34)	6/12/40	2.12	(5.39)	9/10/46
Rapid City, S. Dak.	1.15	(2.92)	6/6/44	1.76	(4.48)	7/29/51
Salt Lake City, Utah	1.20	(3.05)	7/5/37	1.27	(3.23)	7/10/53
San Antonio, Tex.	2.75	(6.98)	7/11/41	2.29	(5.82)	9/15/68
San Diego, Calif.	2.10	(5.33)	8/25/35	2.29	(5.82)	8/10/47
Sault St. Marie, Mich.	2.24	(5.69)	8/15/38	2.14	(5.43)	7/27/55
Seattle, Wash.	1.59	(4.04)	7/11/37	1.56	(3.97)	9/6/57
Shreveport, La.	2.19	(5.56)	9/9/37	2.37	(6.03)	7/4/72
Spokane, Wash.	1.54	(3.91)	6/25/36	1.30	(3.31)	7/17/55
Washington, D.C.	2.53	(6.43)	7/4/41	2.40	(6.09)	8/18/55

Figure 1.--Station locator, contiguous States.

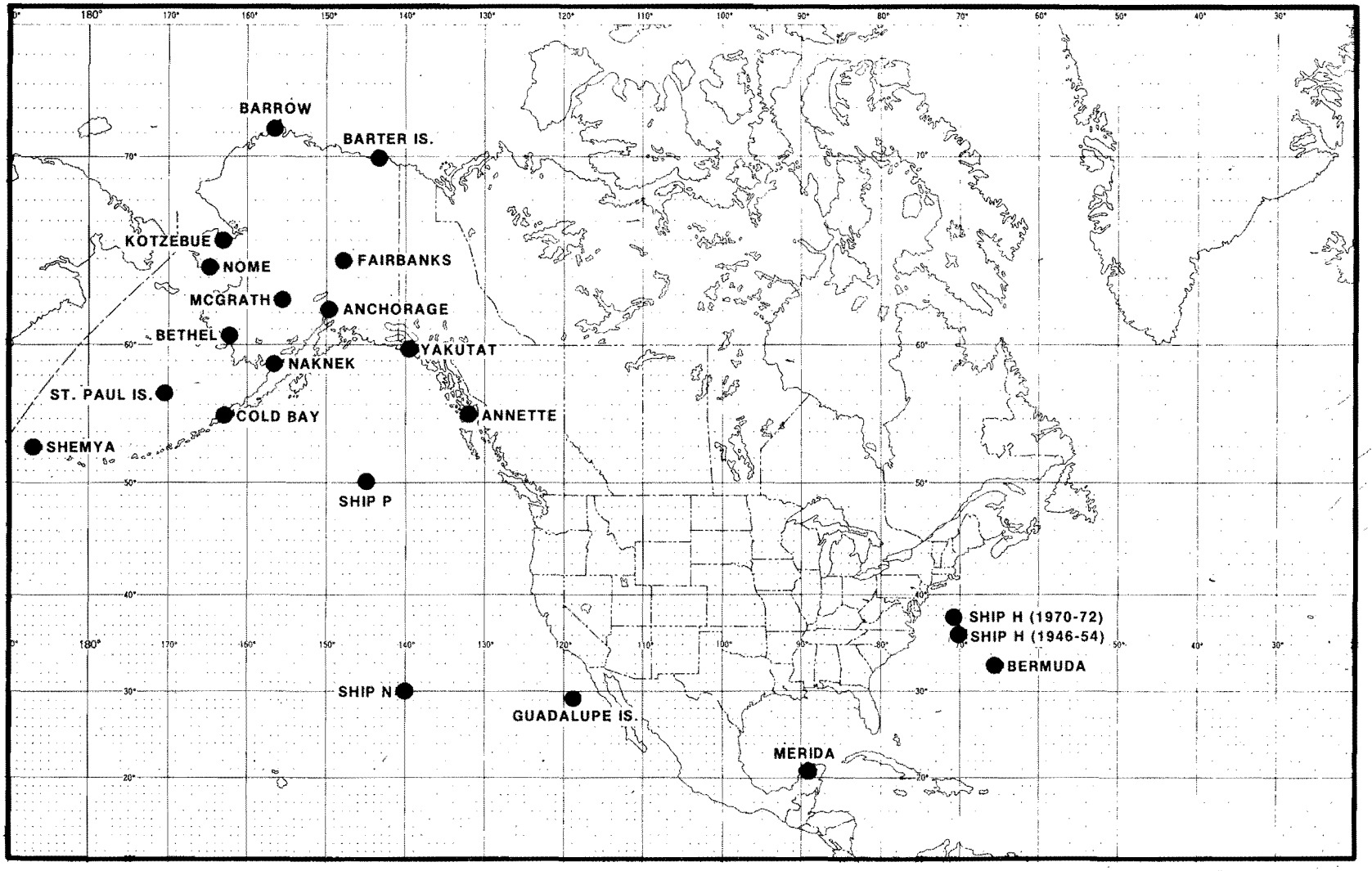
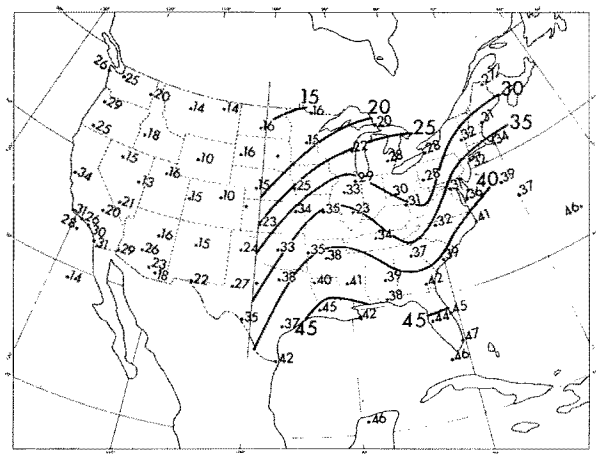
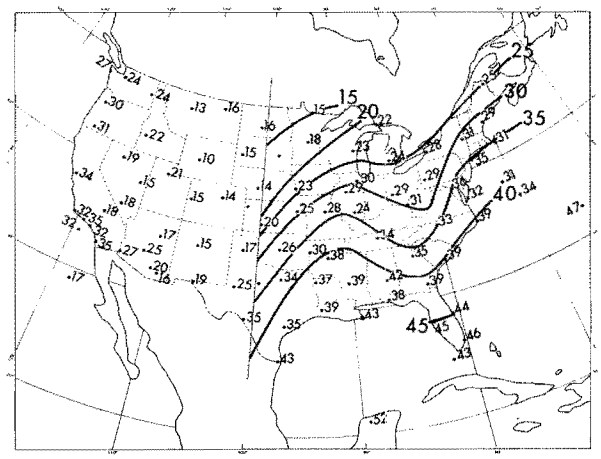


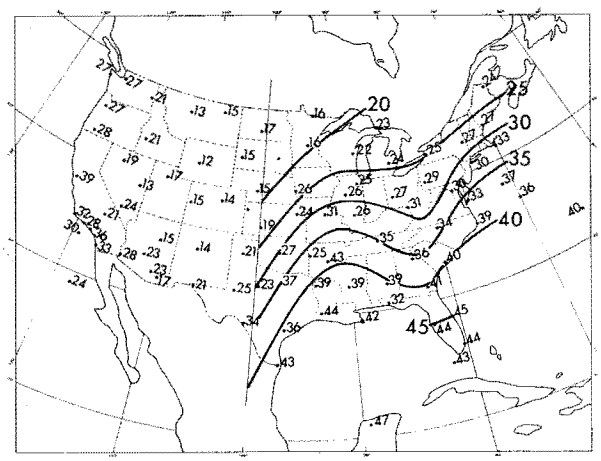
Figure 2.--Station locator, Alaska and others.



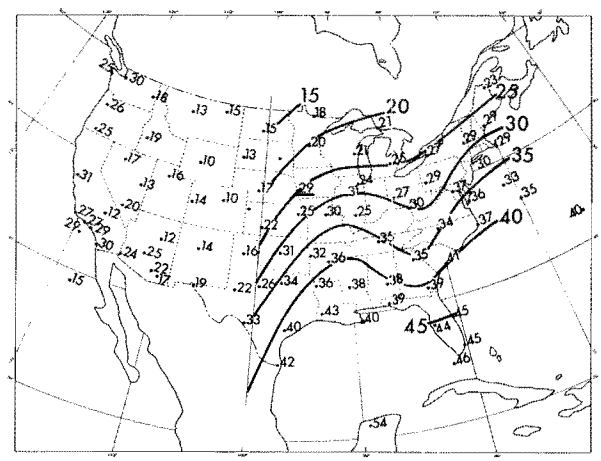
January 1-15



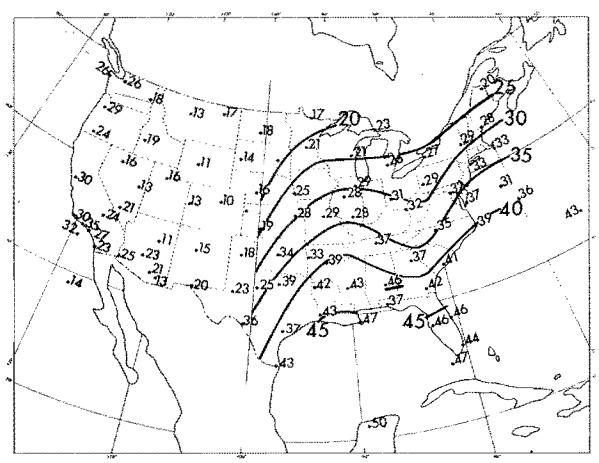
January 16-31



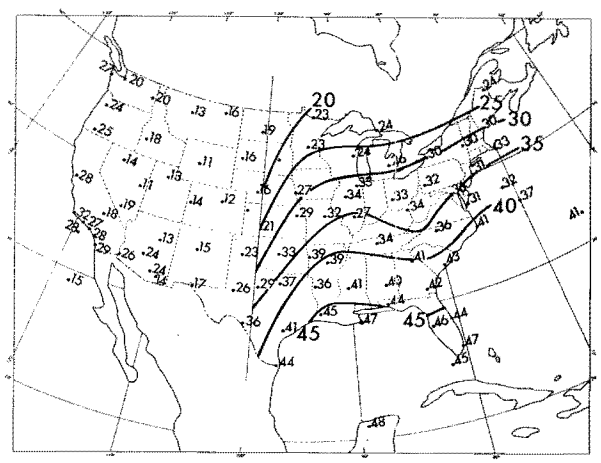
February 1-15



February 16-29

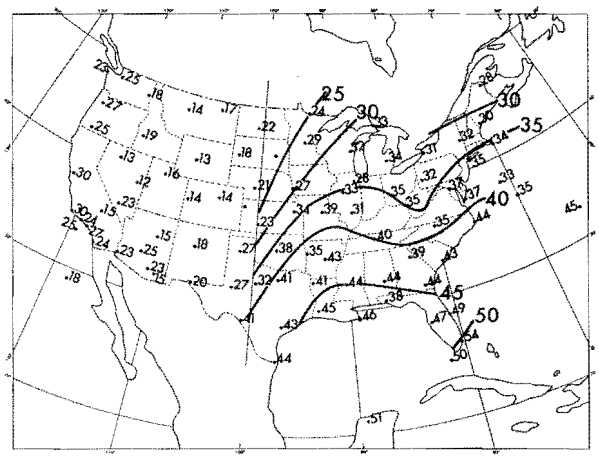


March 1-15

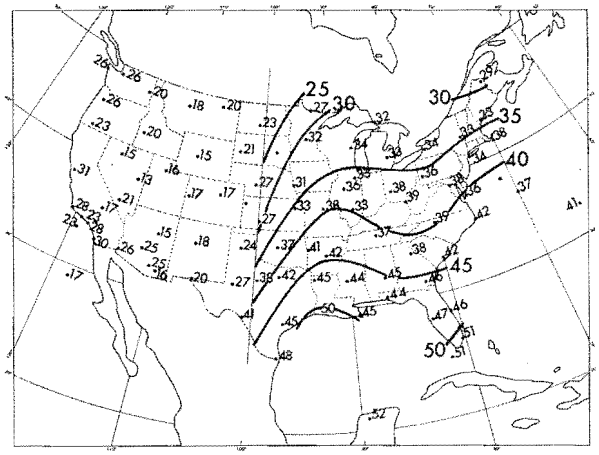


March 16-31

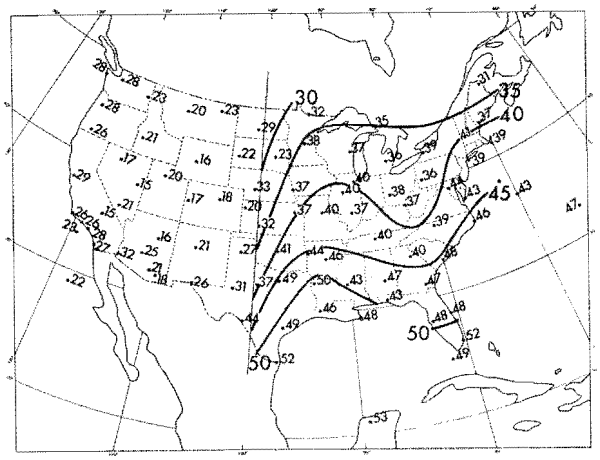
Figure 3.--Contiguous United States, maximum w_p (mm), surface-to-500-mb, by half months, January through March.



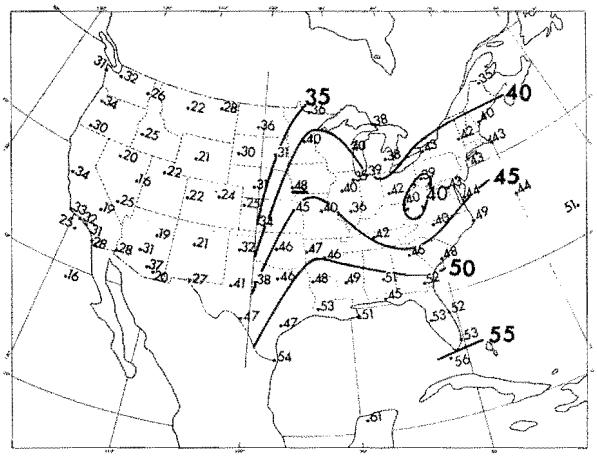
April 1-15



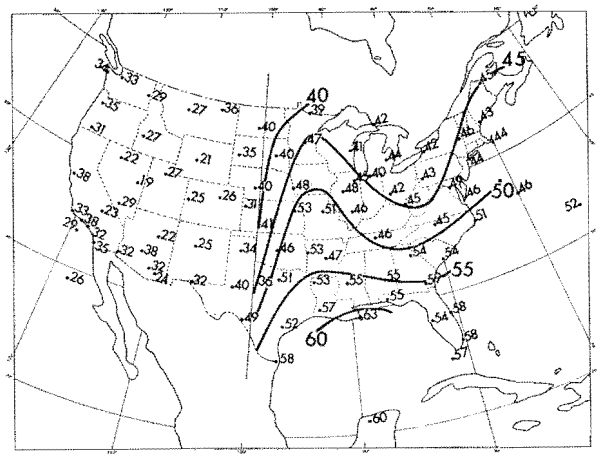
April 16-30



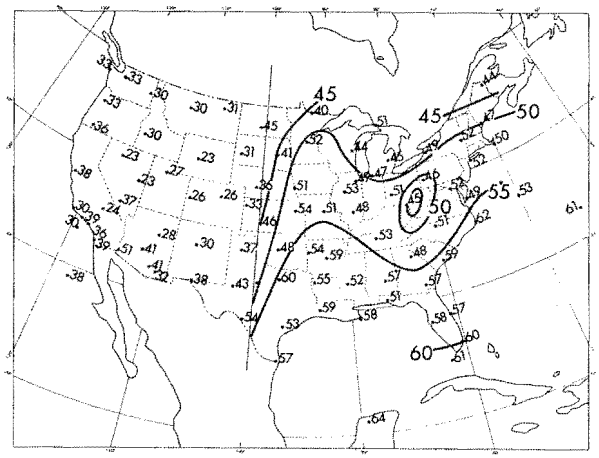
May 1-15



May 16-31

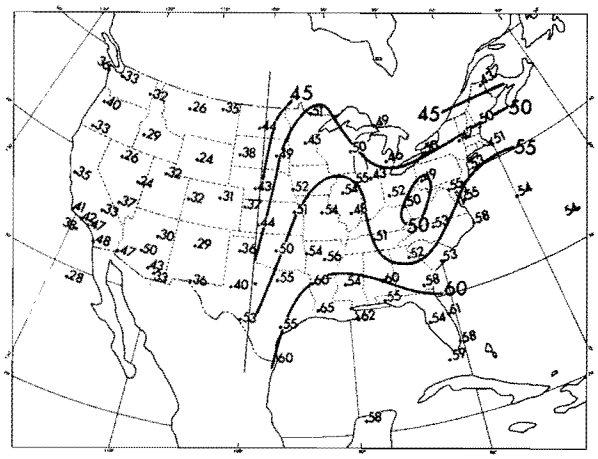


June 1-15

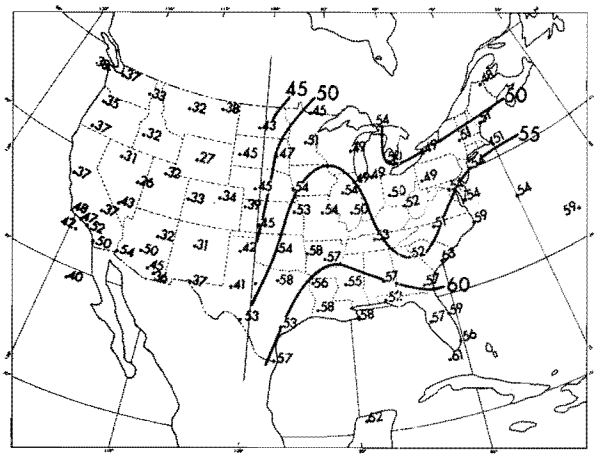


June 16-30

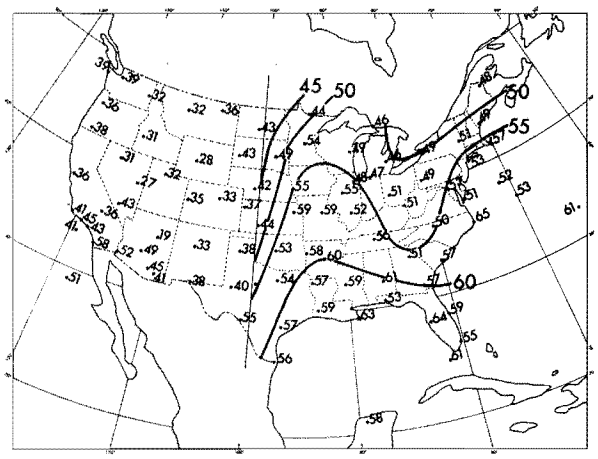
Figure 4.--Same as figure 3, for April through June.



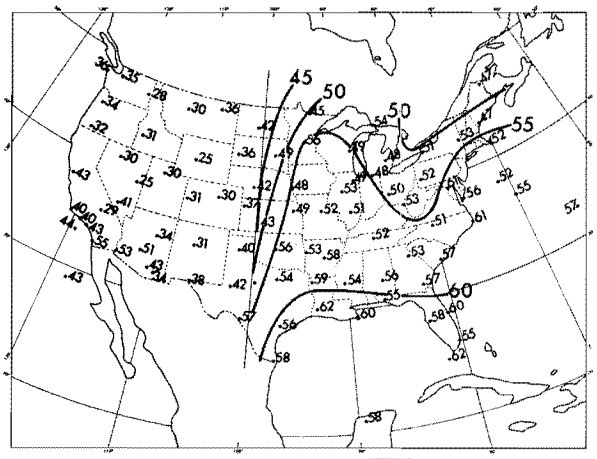
July 1-15



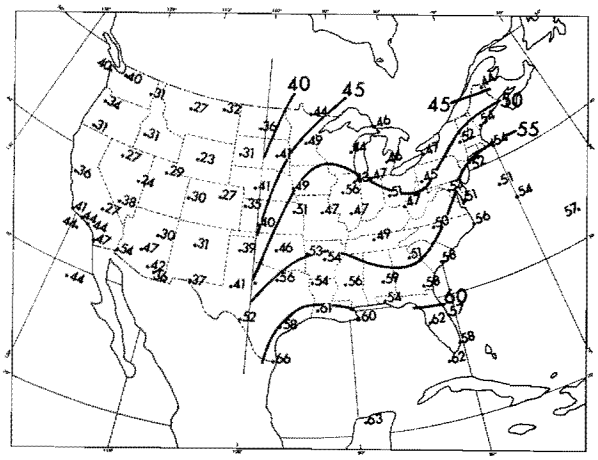
July 16-31



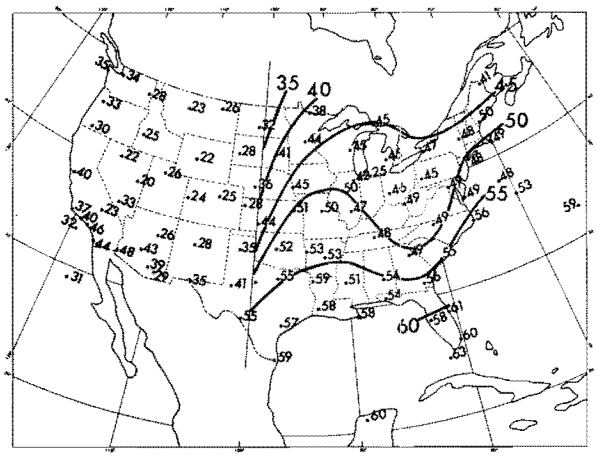
August 1-15



August 16-31

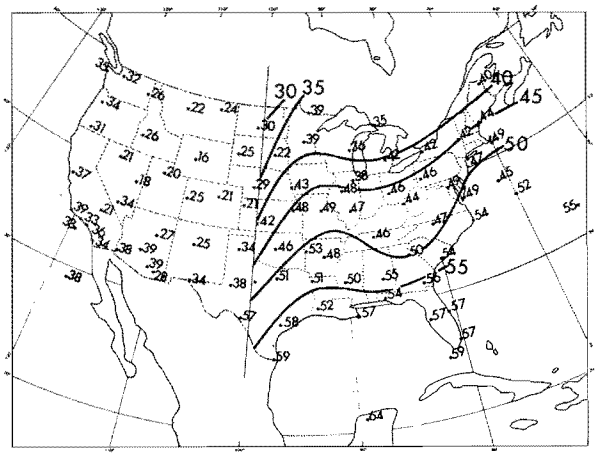


September 1-15

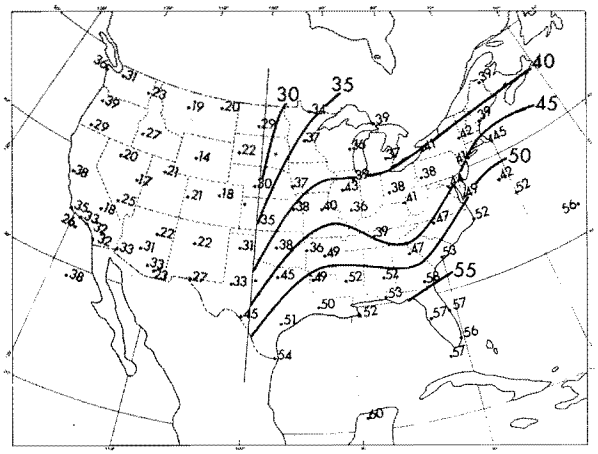


September 16-30

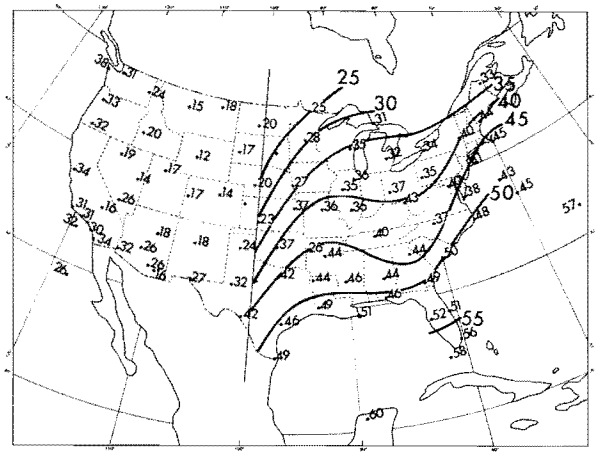
Figure 5.--Same as figure 3, for July through September.



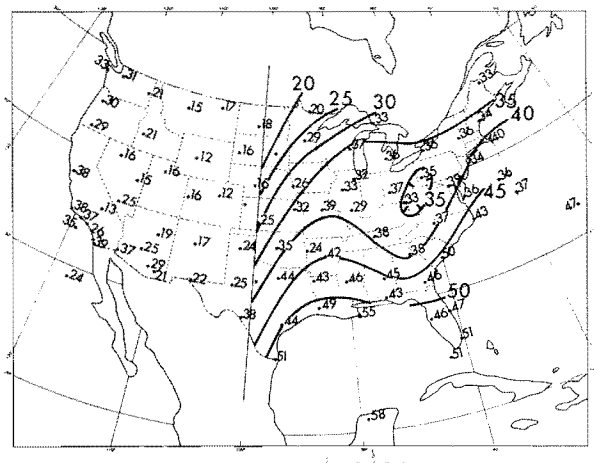
October 1-15



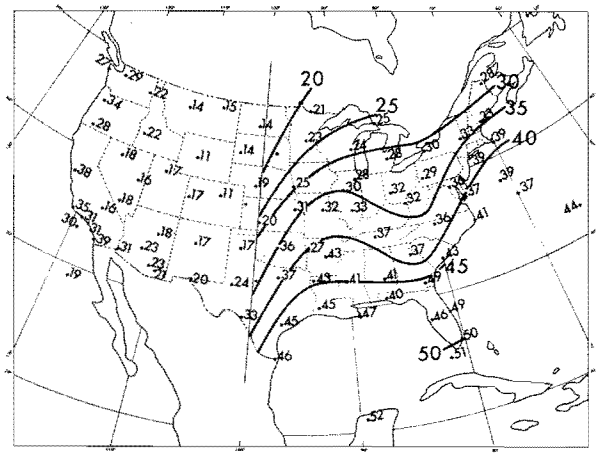
October 16-31



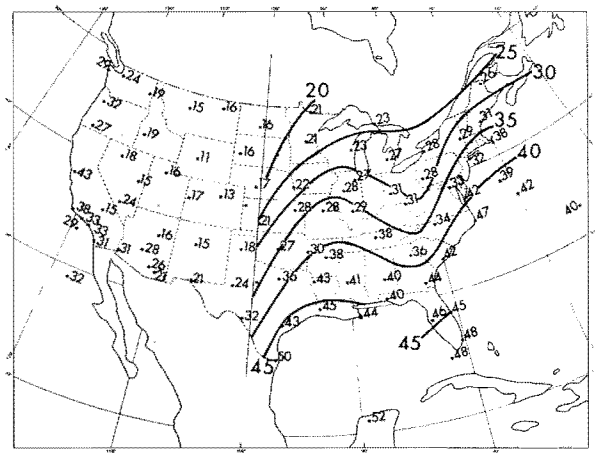
November 1-15



November 16-30

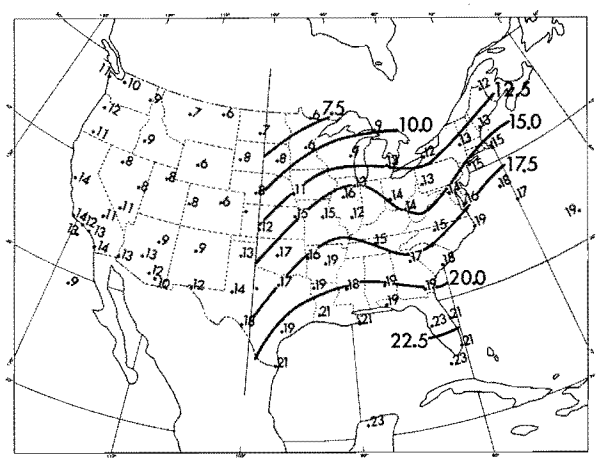


December 1-15

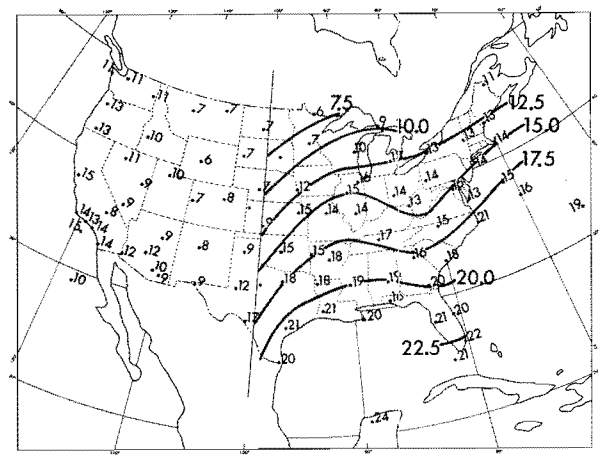


December 16-31

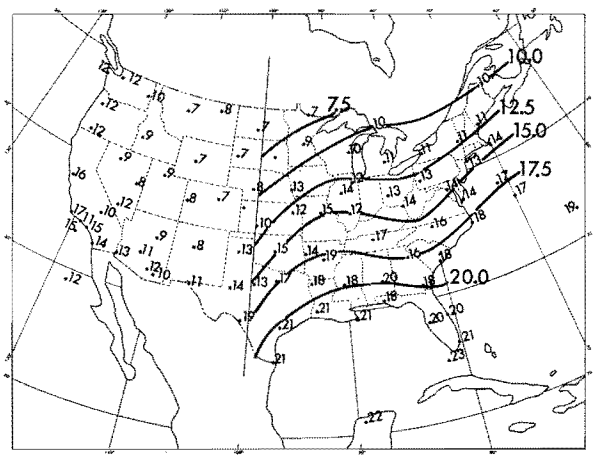
Figure 6.--Same as figure 3, for October through December.



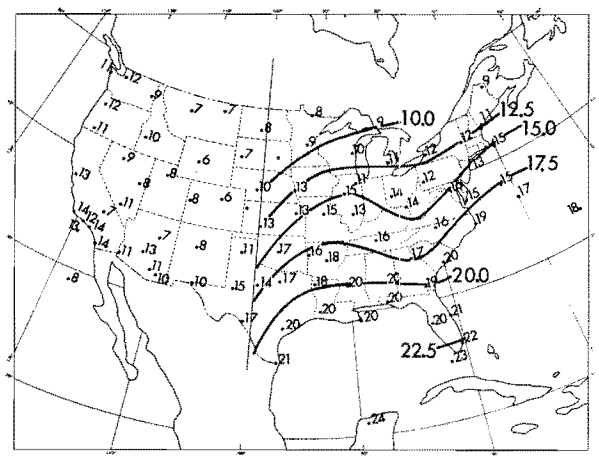
January 1-15



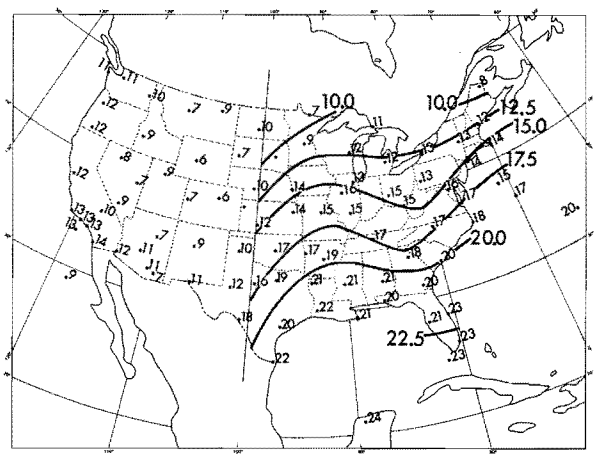
January 16-31



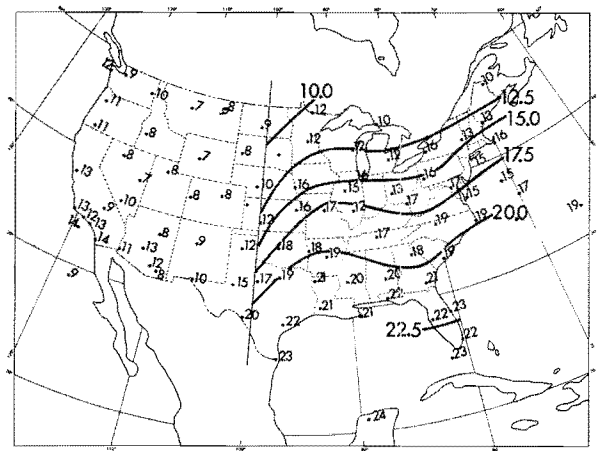
February 1-15



February 16-29

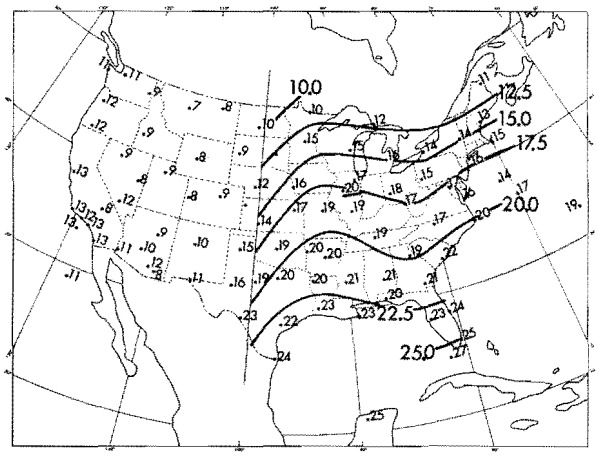


March 1-15

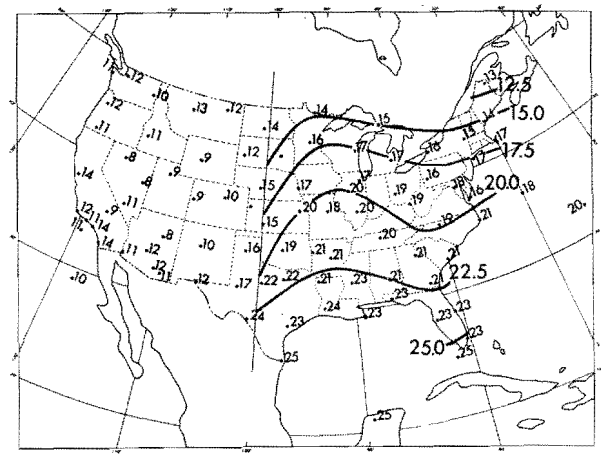


March 16-31

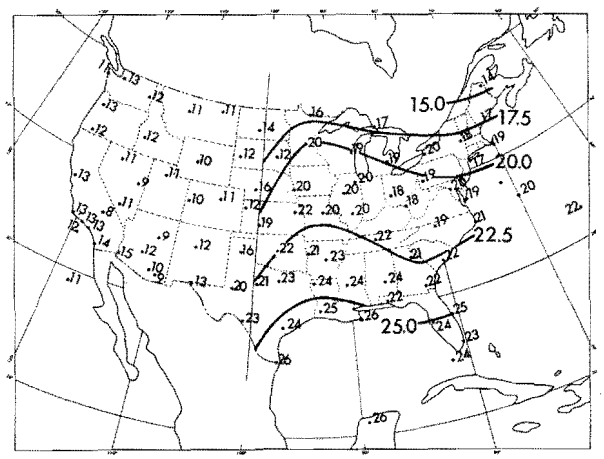
Figure 7.--Contiguous United States, maximum w_p (mm), surface-to-150-mb above surface, by half months, January through March.



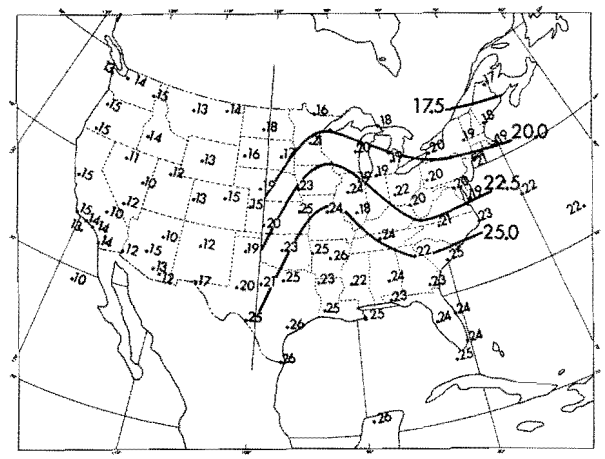
April 1-15



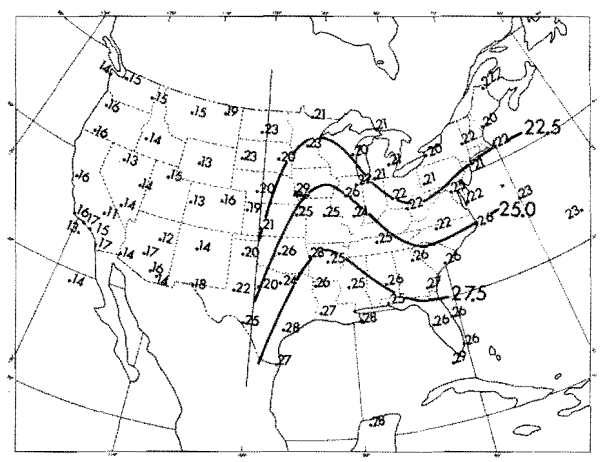
April 16-30



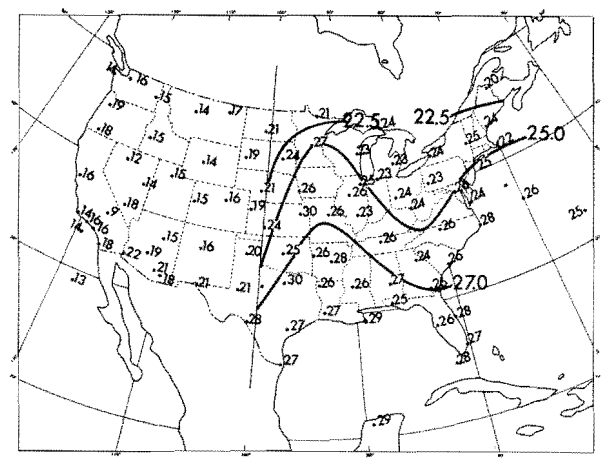
May 1-15



May 16-31

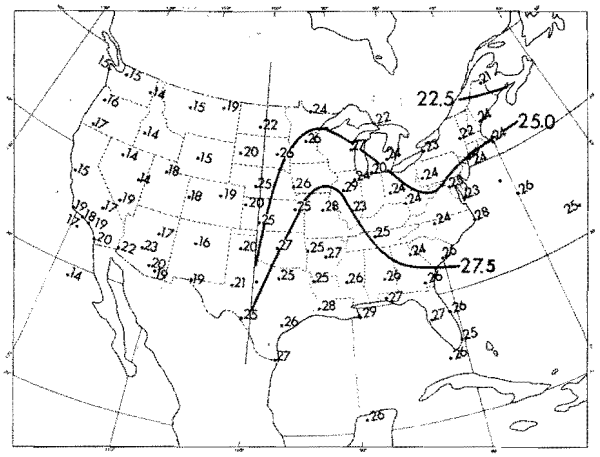


June 1-15

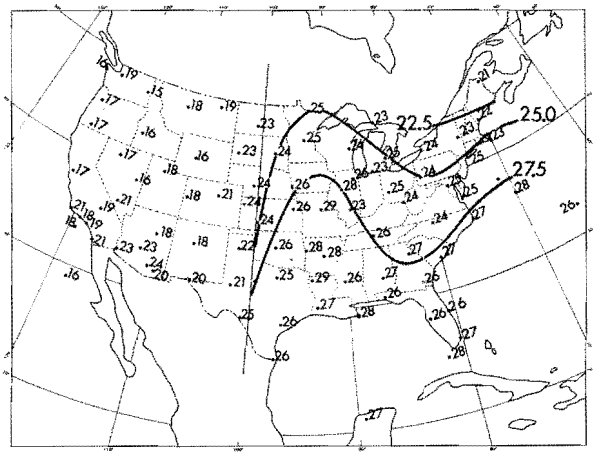


June 16-30

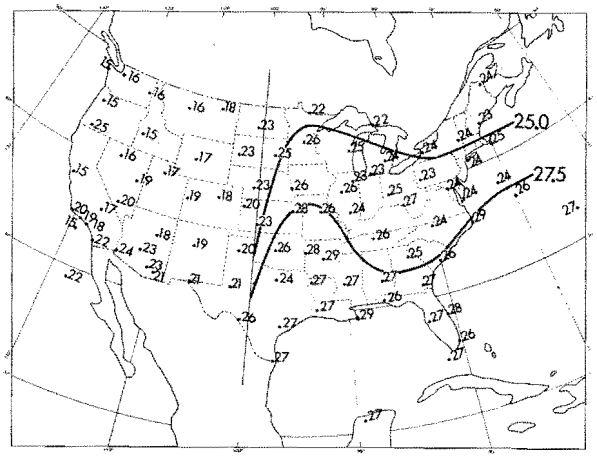
Figure 8.--Same as figure 7, for April through June.



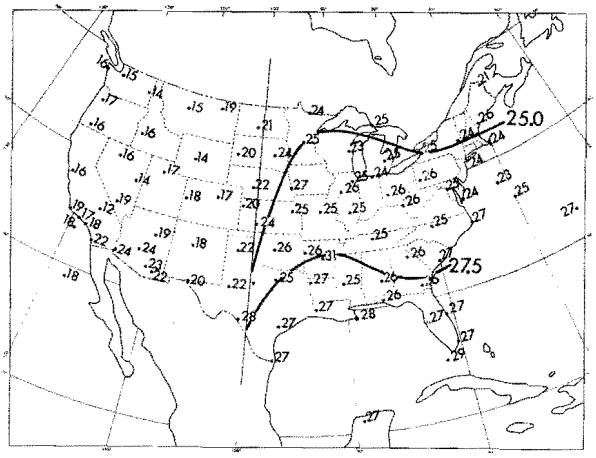
July 1-15



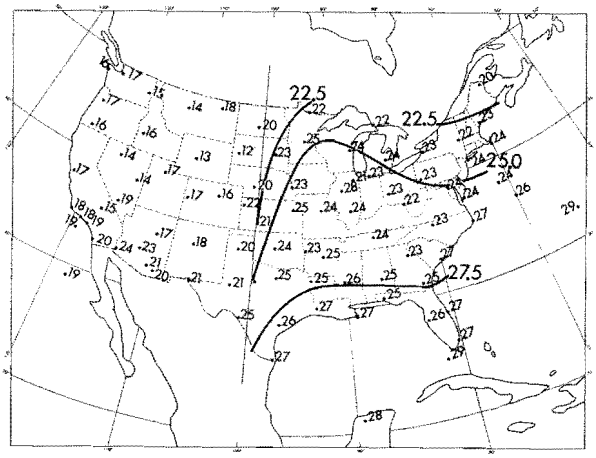
July 16-31



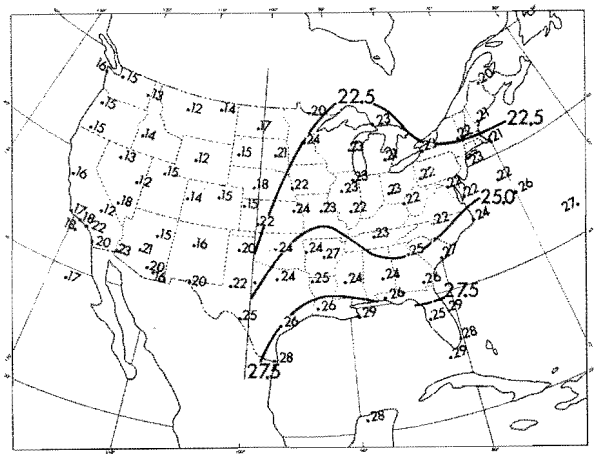
August 1-15



August 16-31

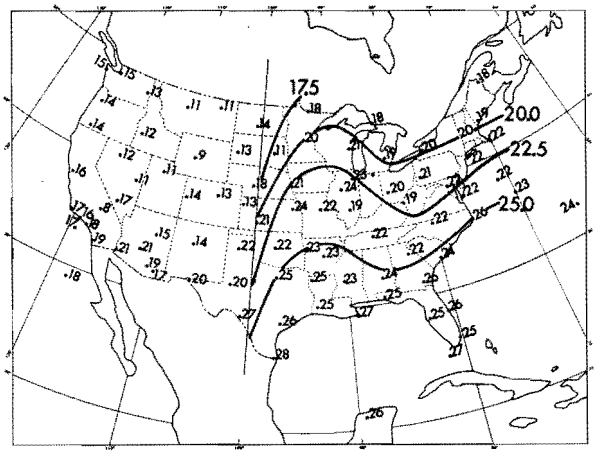


September 1-15

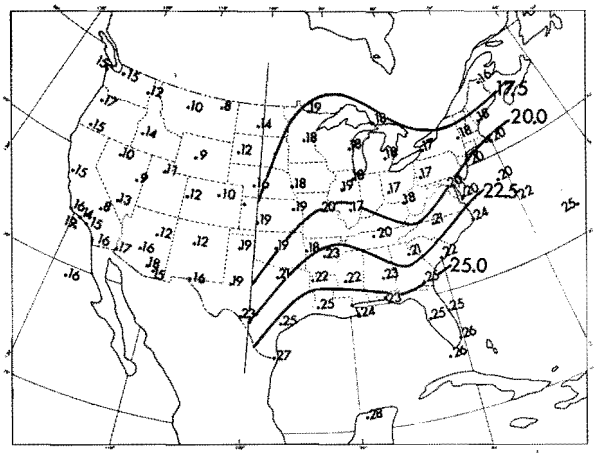


September 16-30

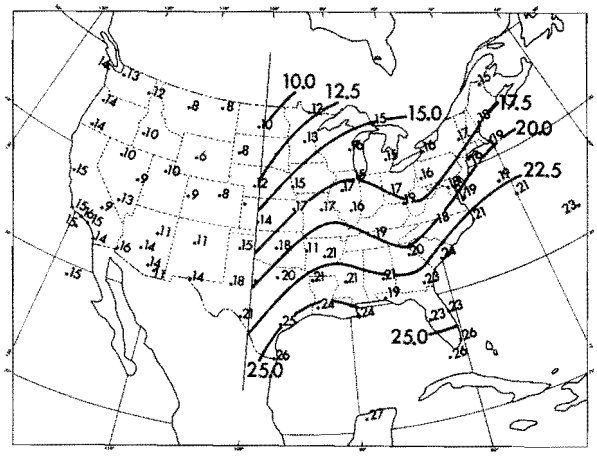
Figure 9.--Same as figure 7, for July through September.



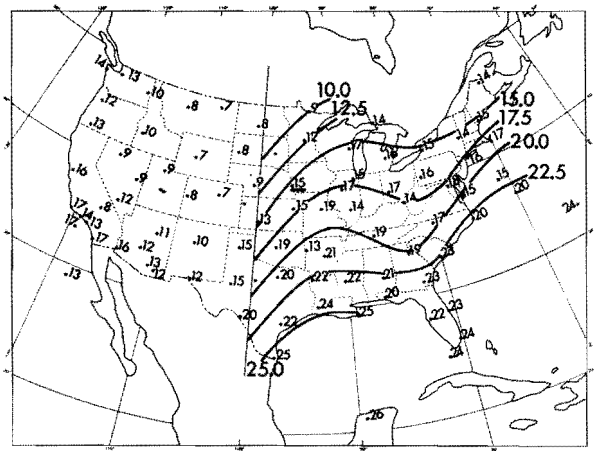
October 1-15



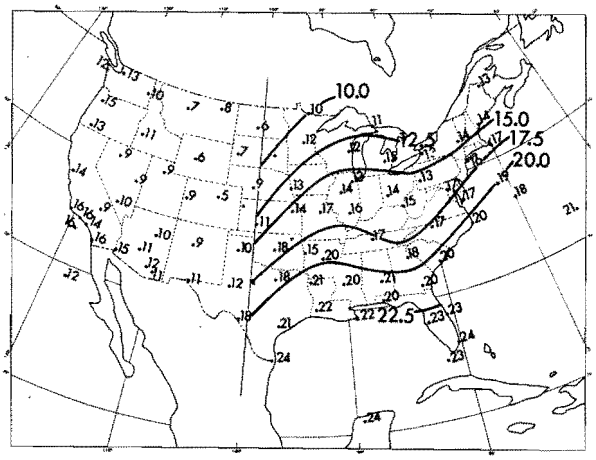
October 16-31



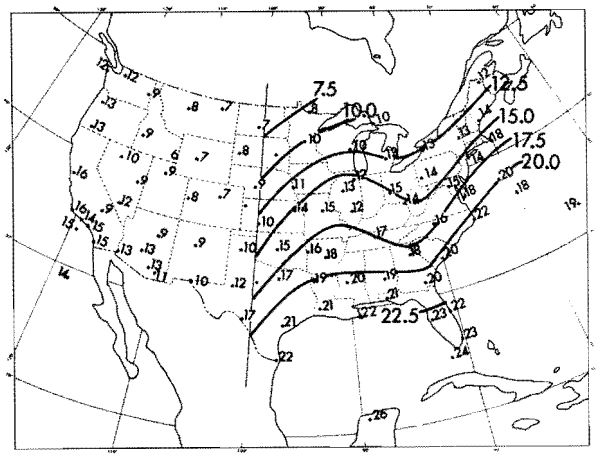
November 1-15



November 16-30

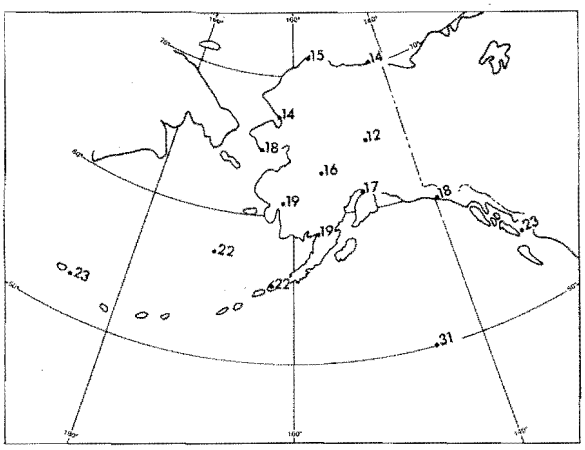


December 1-15

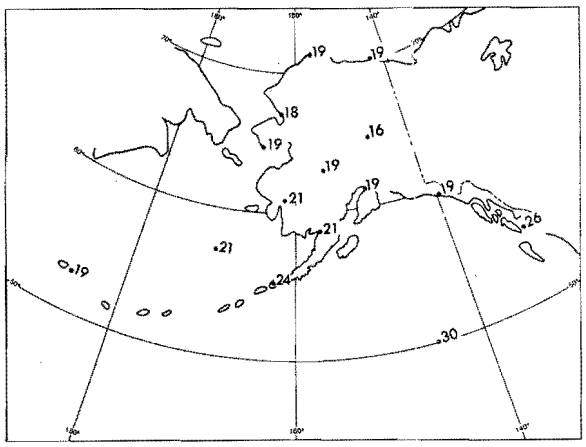


December 16-31

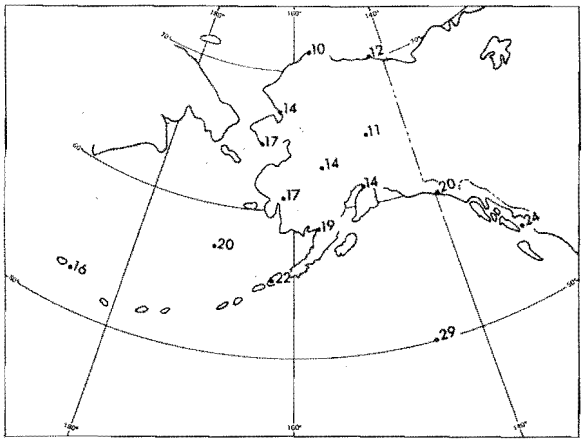
Figure 10.--Same as figure 7, for October through December.



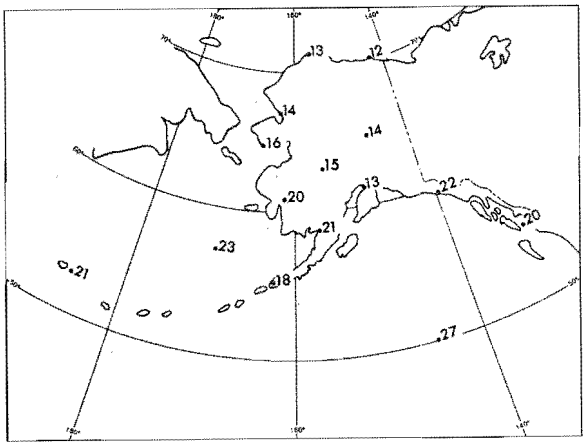
January 1-15



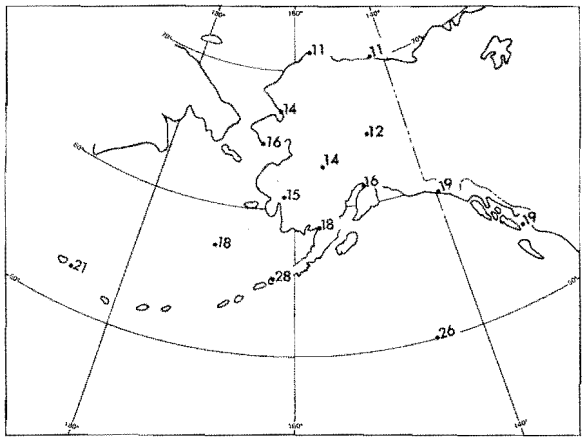
January 16-31



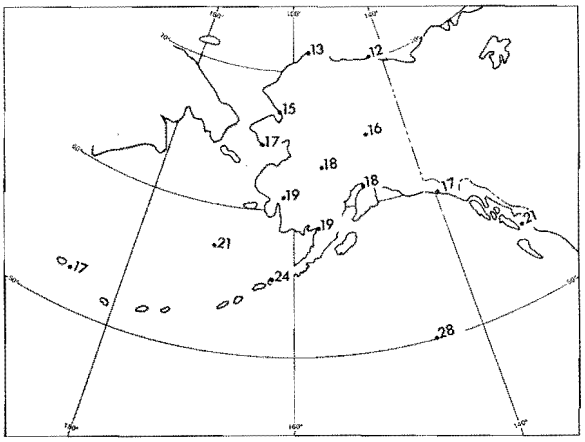
February 1-15



February 16-29

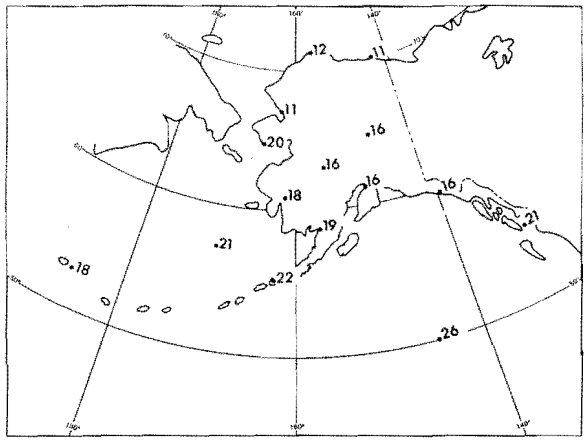


March 1-15

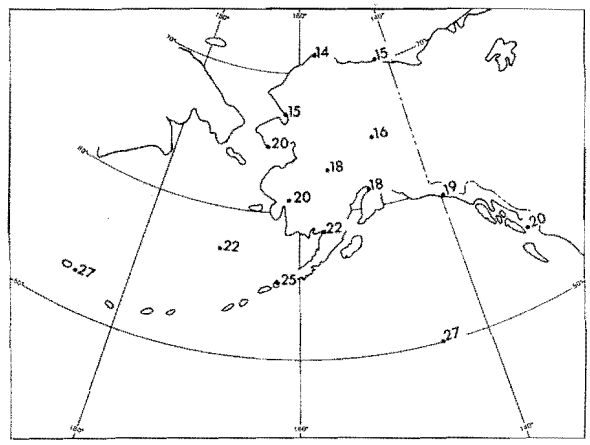


March 16-31

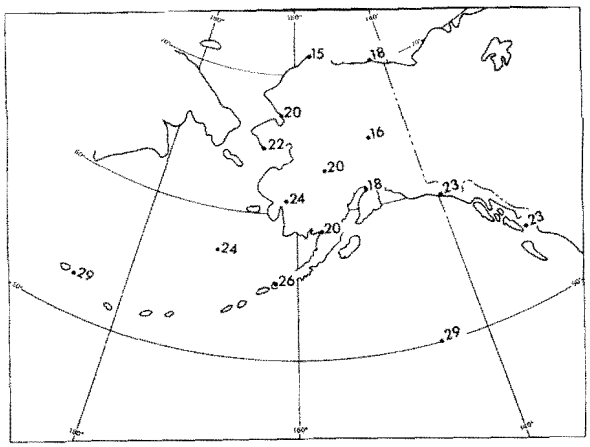
Figure 11.--Alaska, maximum w_p, surface-to-500-mb (mm), by half months, January through March.



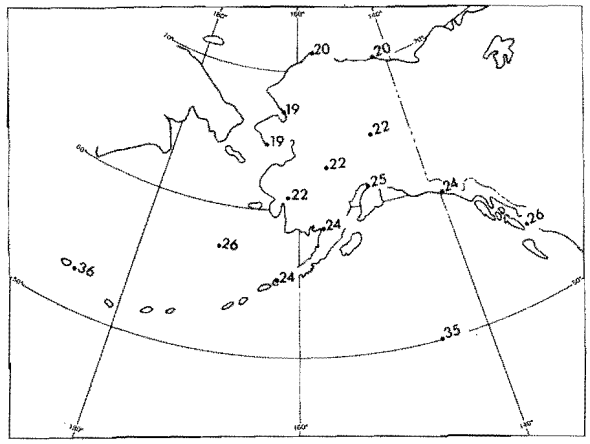
April 1-15



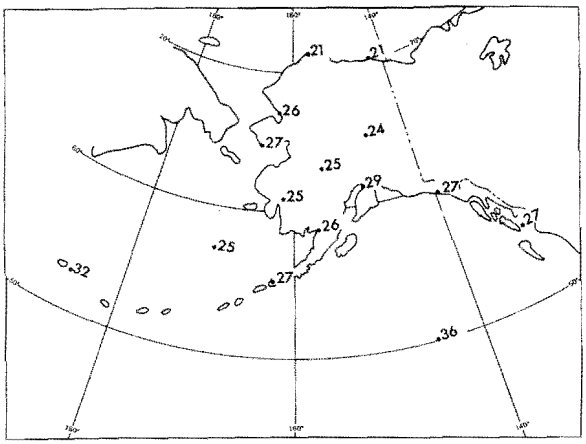
April 16-30



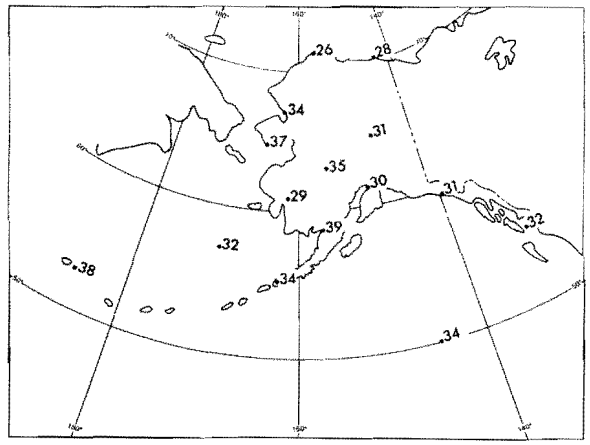
May 1-15



May 16-31

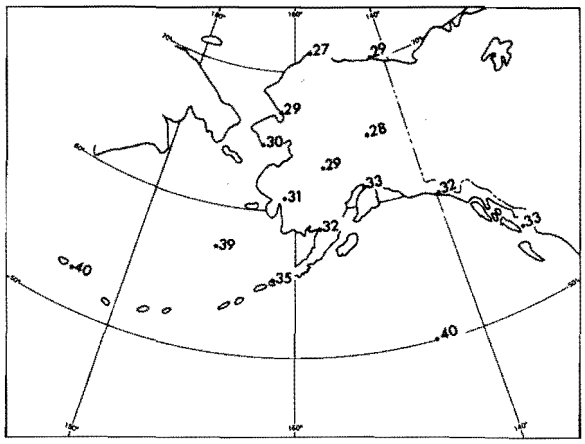


June 1-15

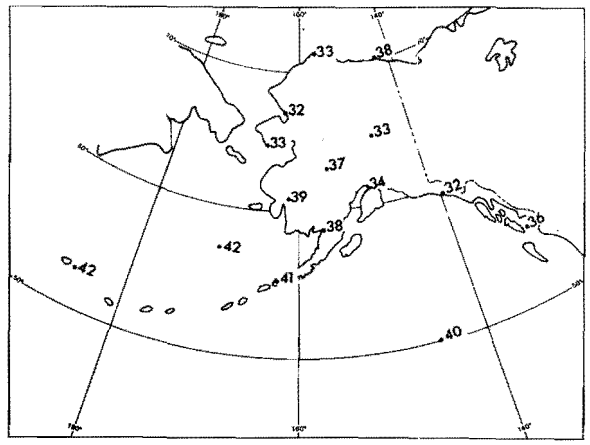


June 16-30

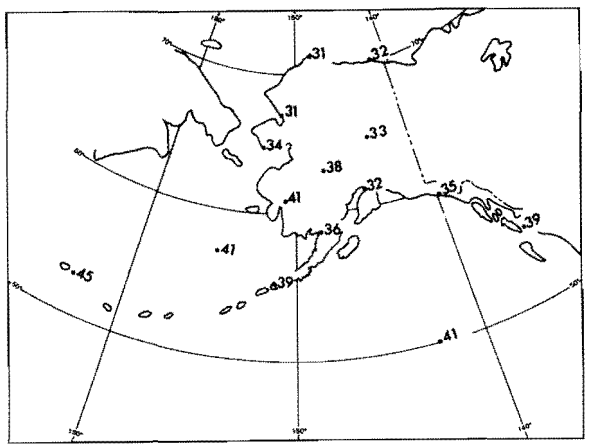
Figure 12.--Same as figure 11, for April through June.



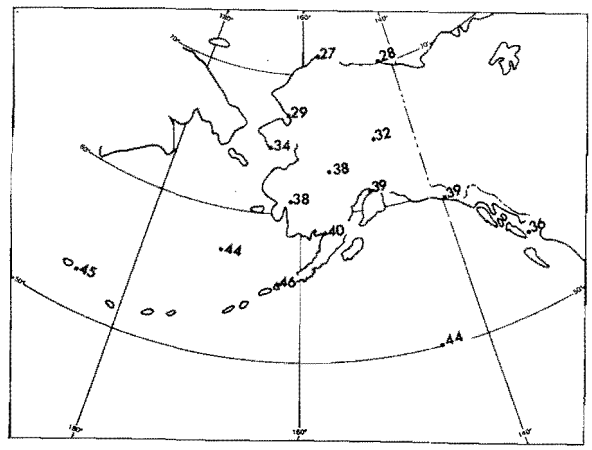
July 1-15



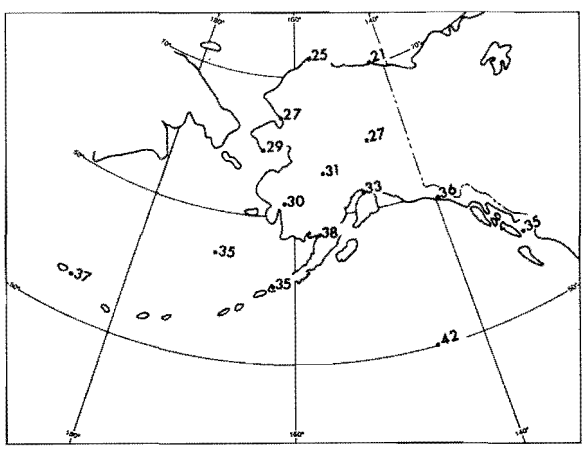
July 16-31



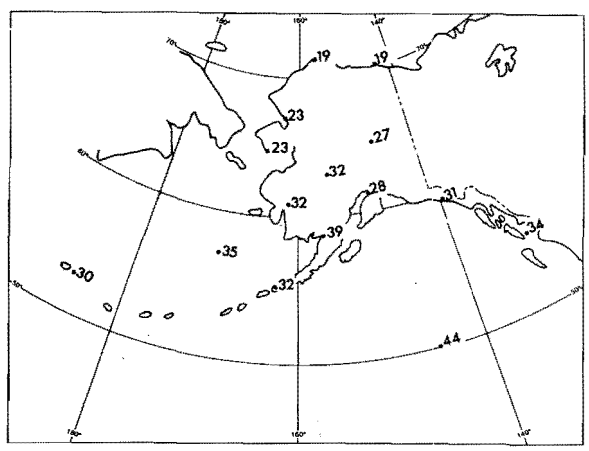
August 1-15



August 16-31

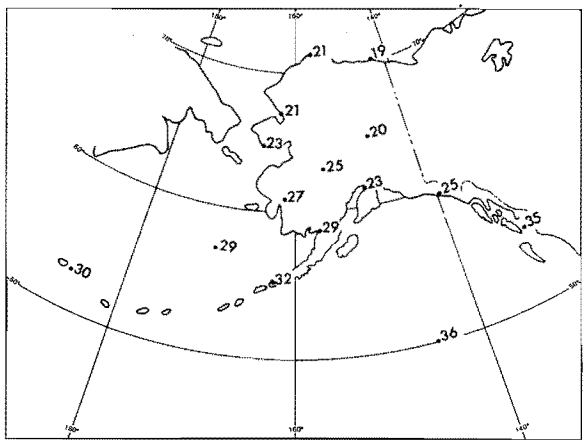


September 1-15

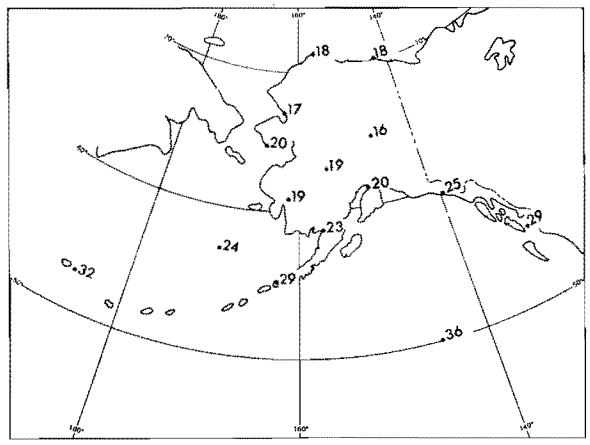


September 16-30

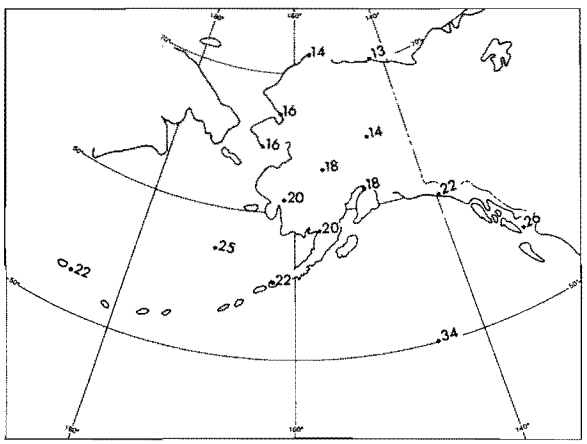
Figure 13.--Same as figure 11, for July through September.



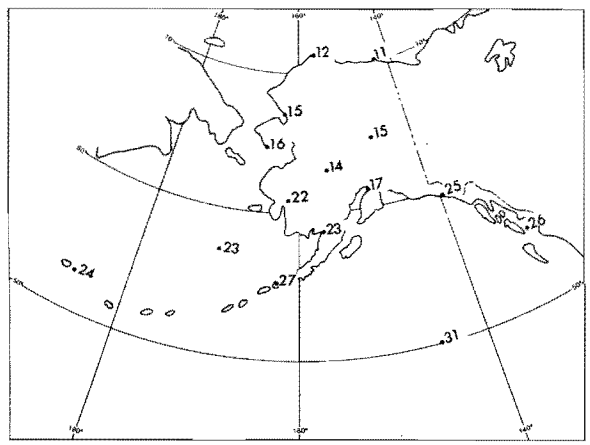
October 1-15



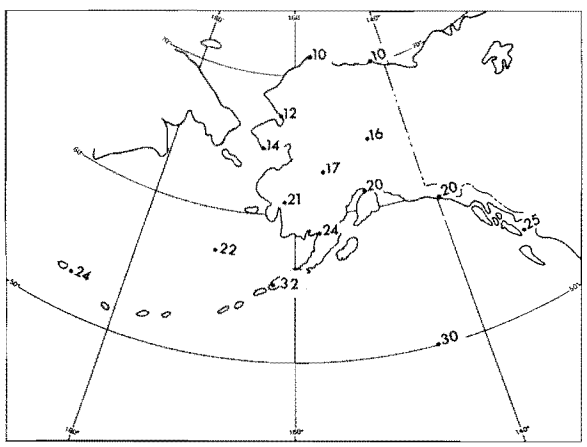
October 16-31



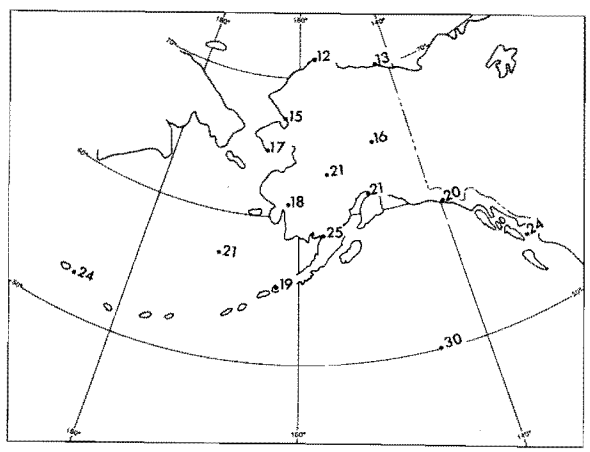
November 1-15



November 16-30

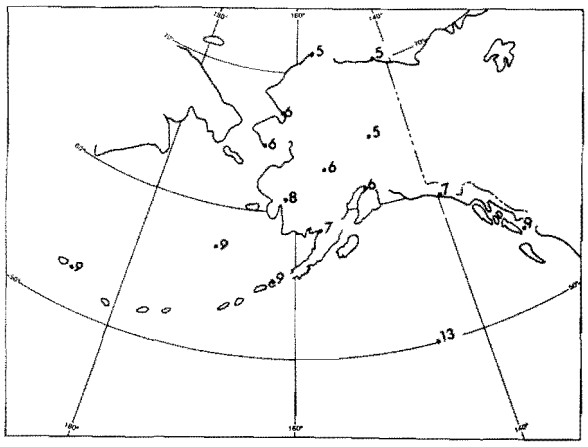


December 1-15

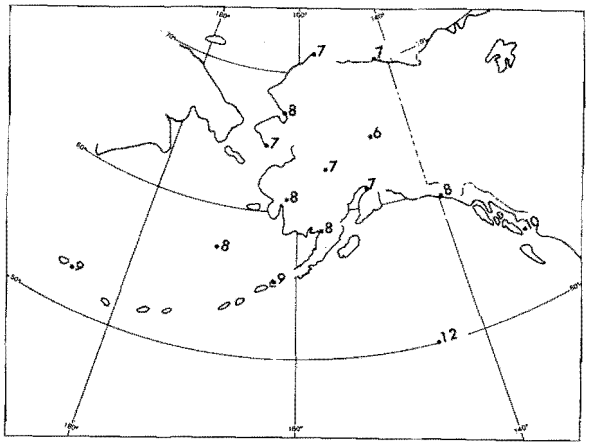


December 16-31

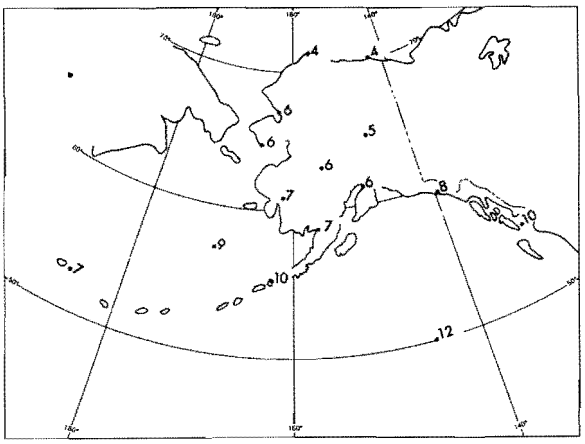
Figure 14.--Same as figure 11, for October through December.



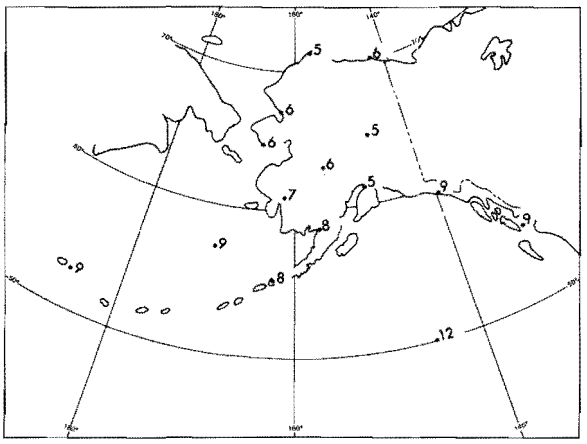
January 1-15



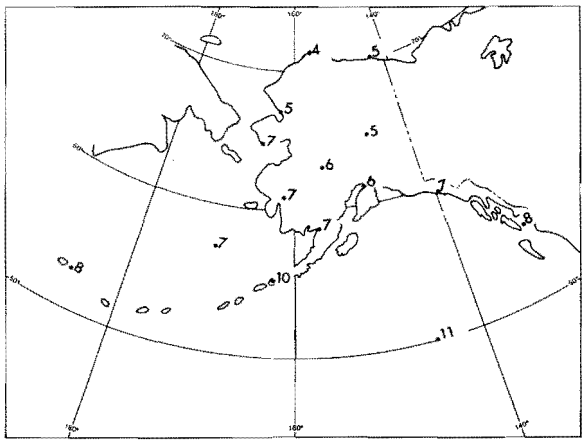
January 16-31



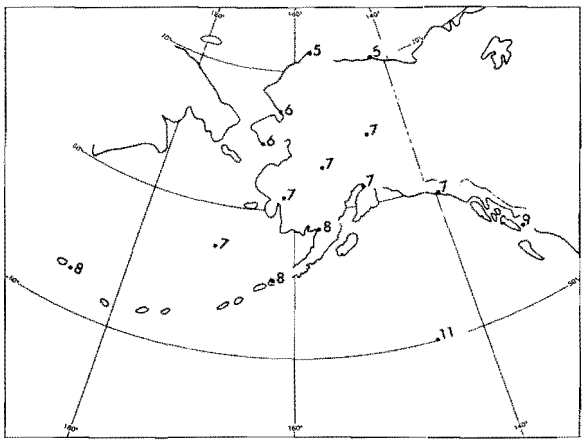
February 1-15



February 16-29

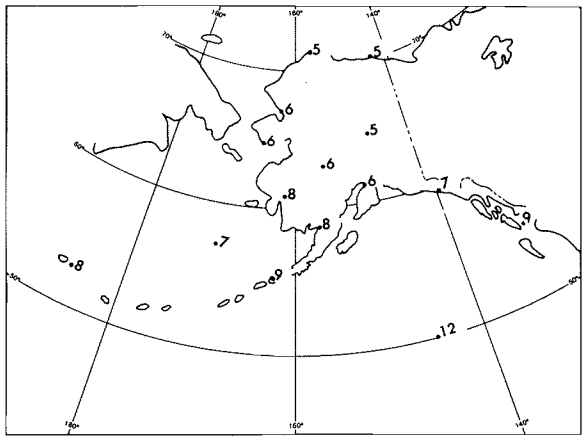


March 1-15

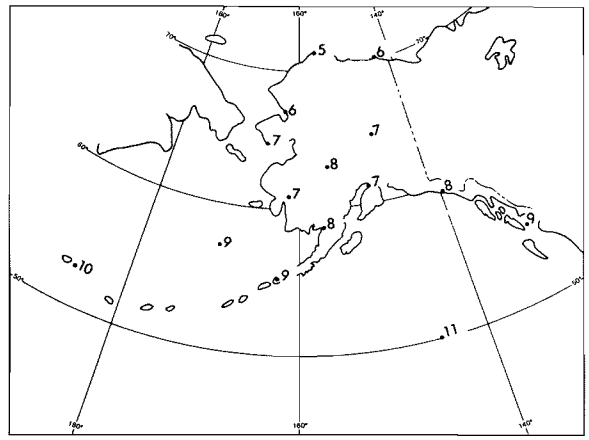


March 16-31

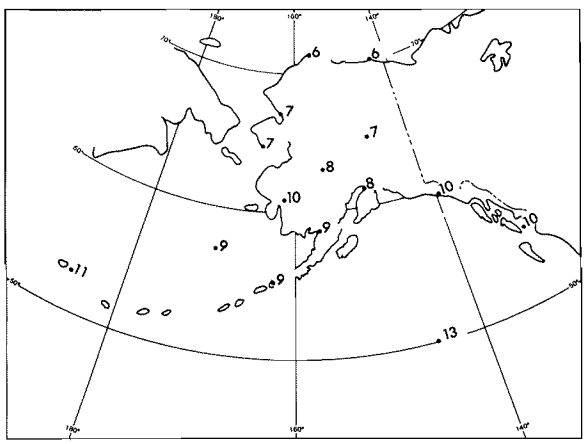
Figure 15.--Alaska, maximum w_p (mm), surface-to-150-mb above surface, by half months, January through March.



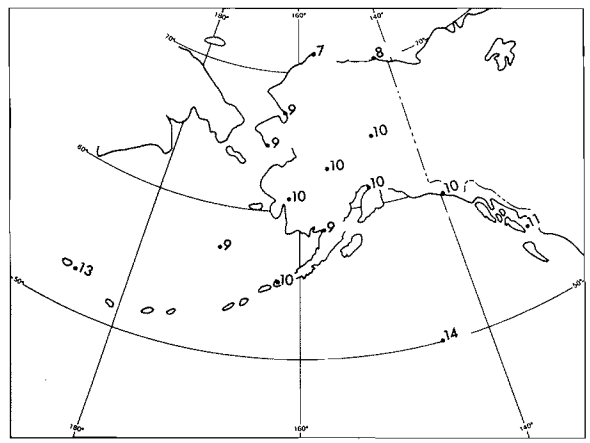
April 1-15



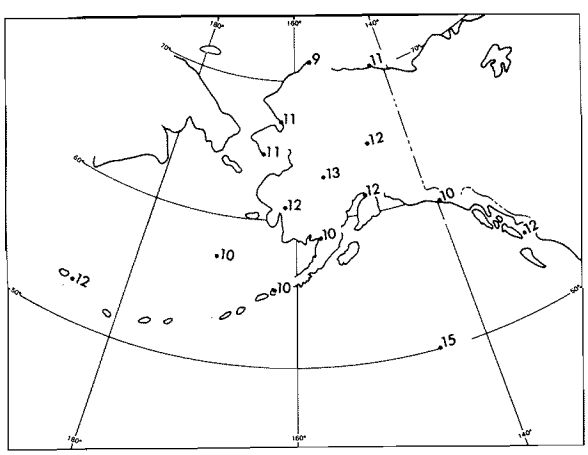
April 16-30



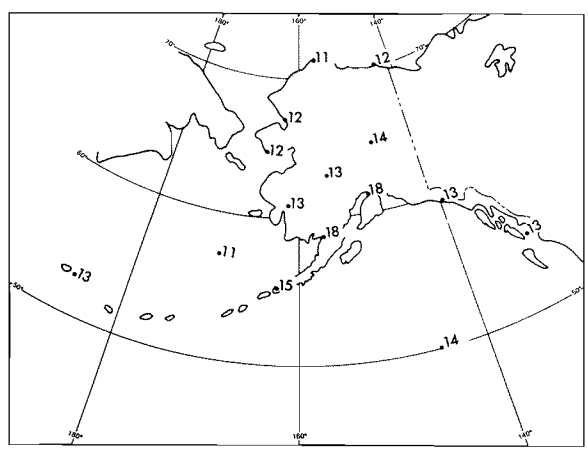
May 1-15



May 16-31

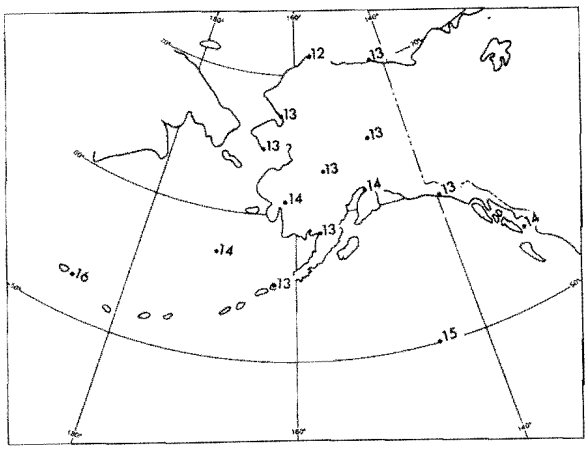


June 1-15

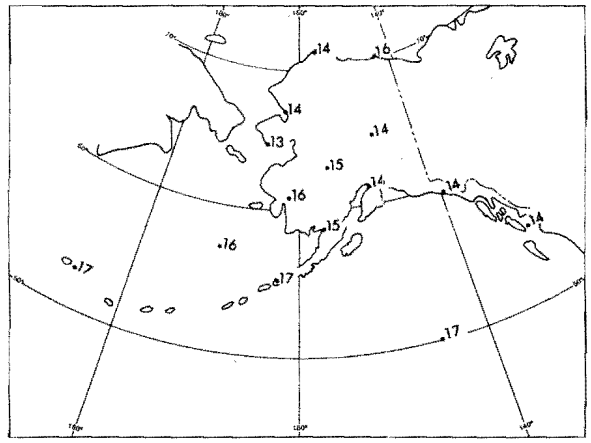


June 16-30

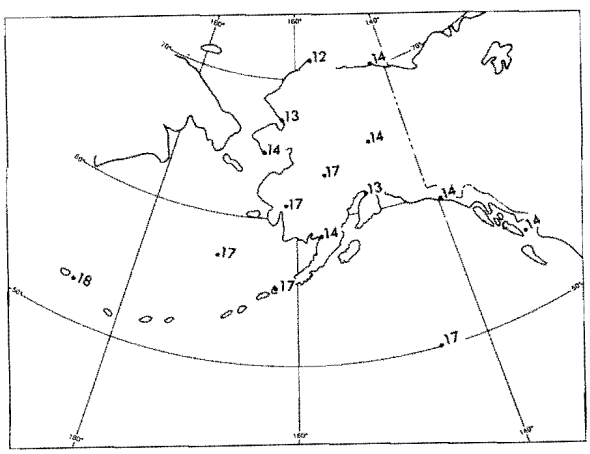
Figure 16.--Same as figure 15, for April through June.



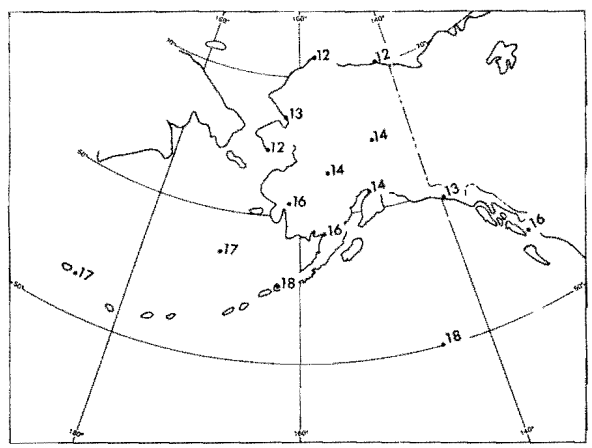
July 1-15



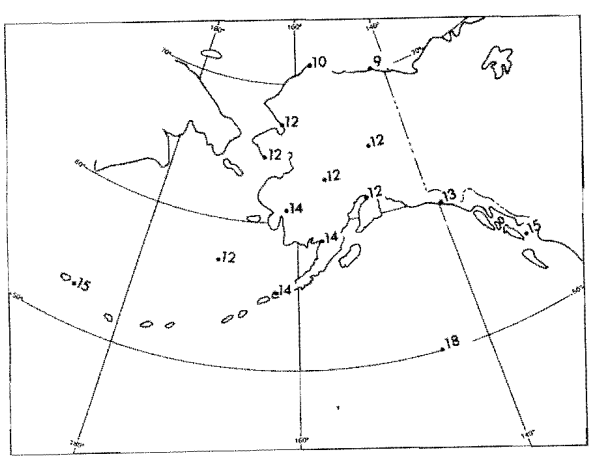
July 16-31



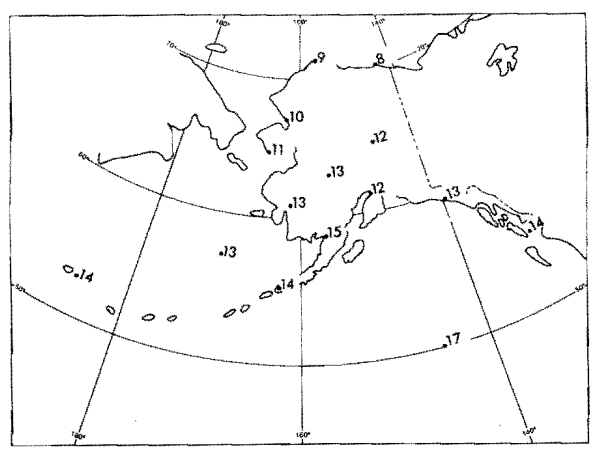
August 1-15



August 16-31

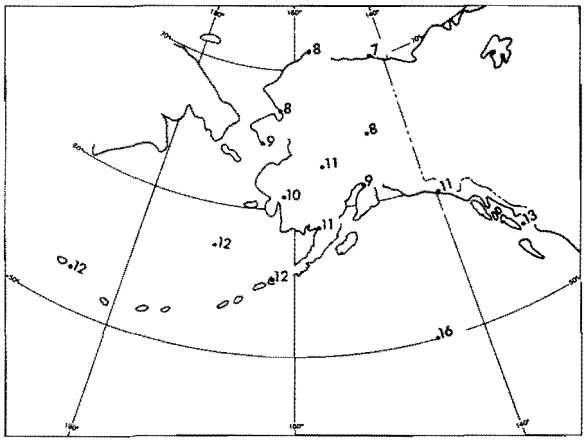


September 1-15

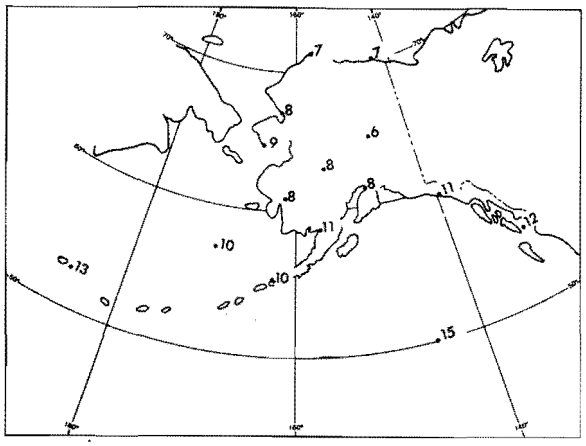


September 16-30

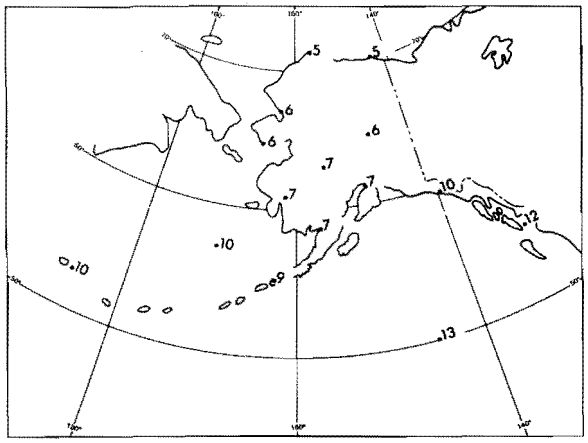
Figure 17.--Same as figure 15, for July through September.



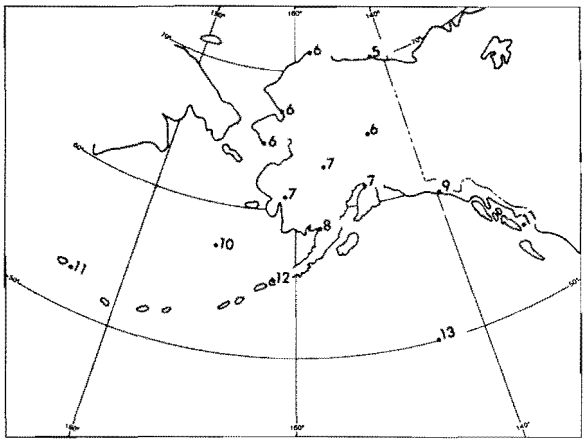
October 1-15



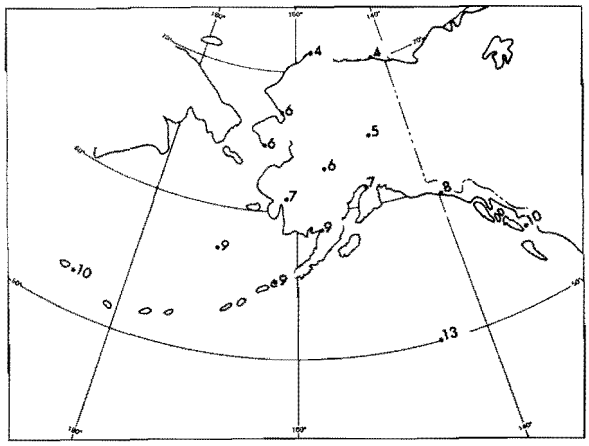
October 16-31



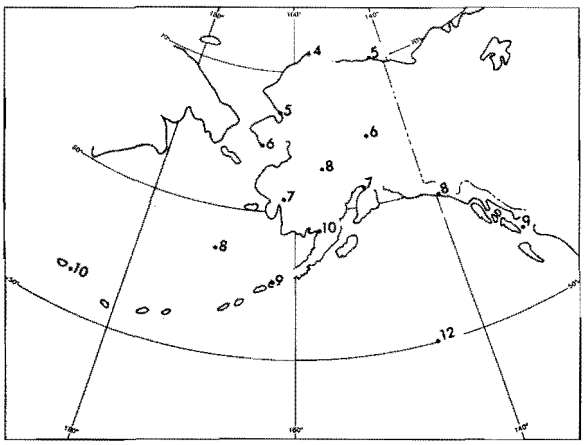
November 1-15



November 16-30



December 1-15



December 16-31

Figure 18.--Same as figure 15, for October through December.

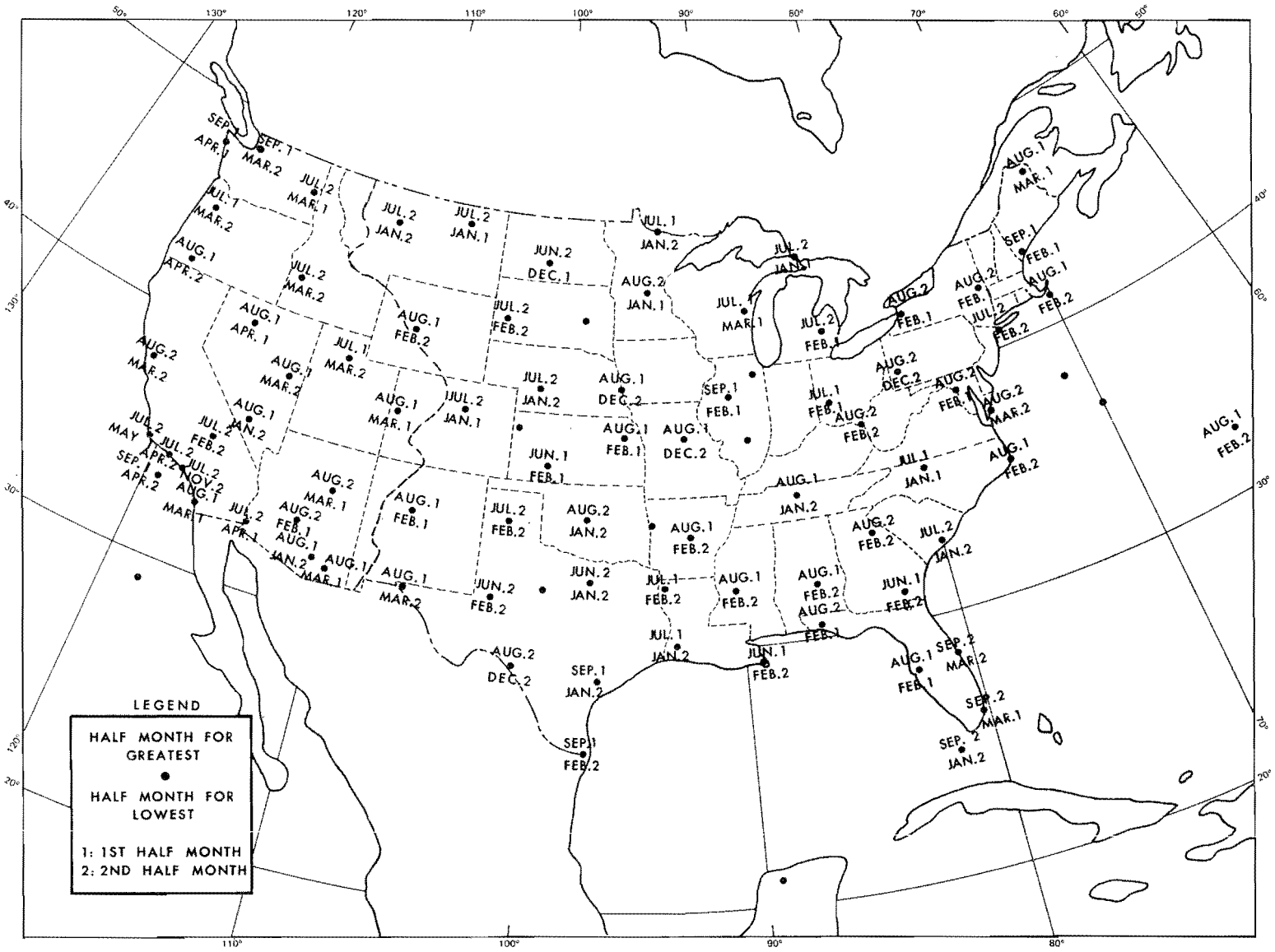


Figure 19.--Contiguous States, half month giving the greatest and lowest maximum w_p.

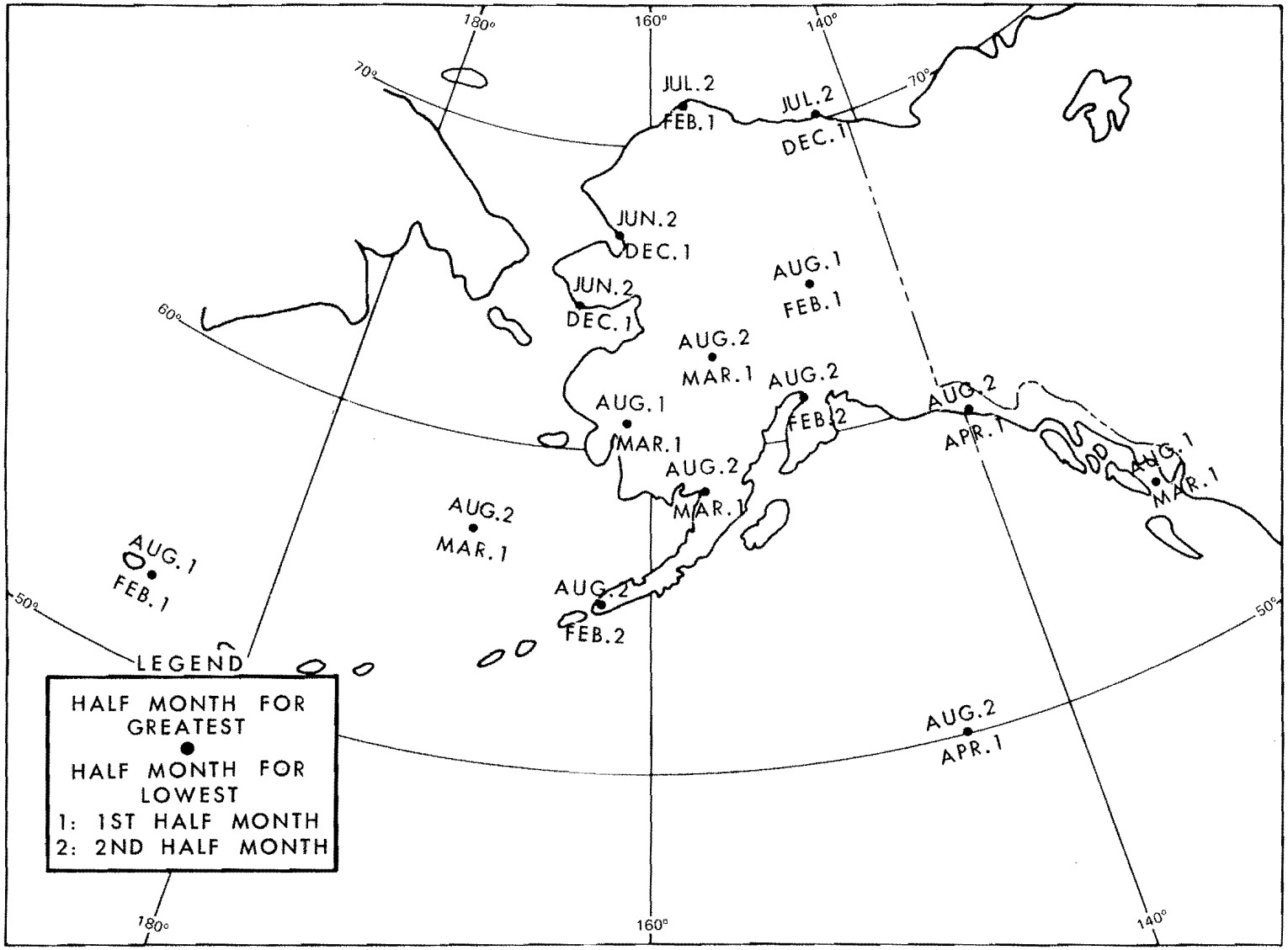


Figure 20.--Alaska, half month giving greatest and lowest maximum w_p.

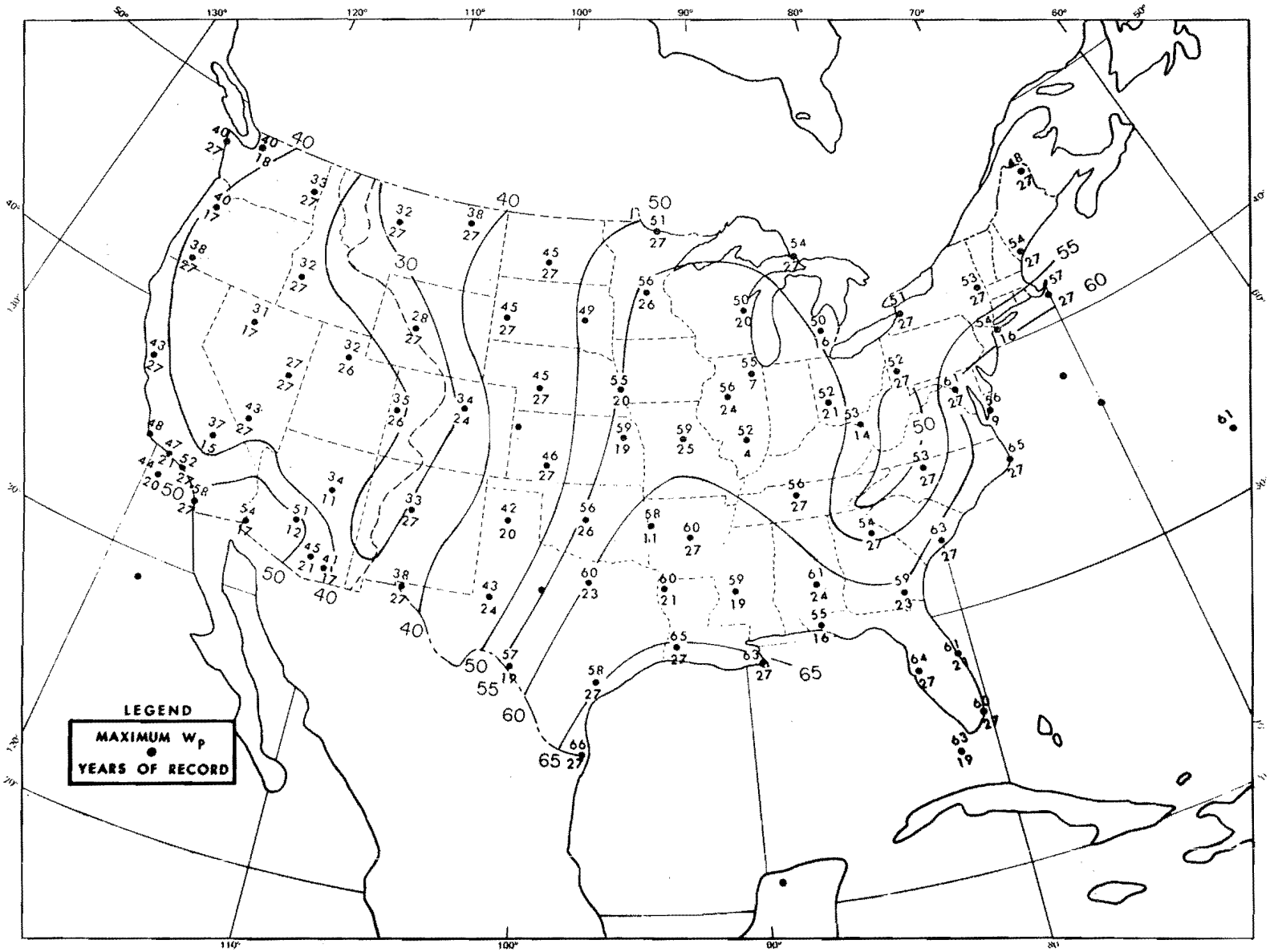


Figure 21.--Contiguous States, envelopment of greatest observed w_p (mm) surface-to-500-mb.

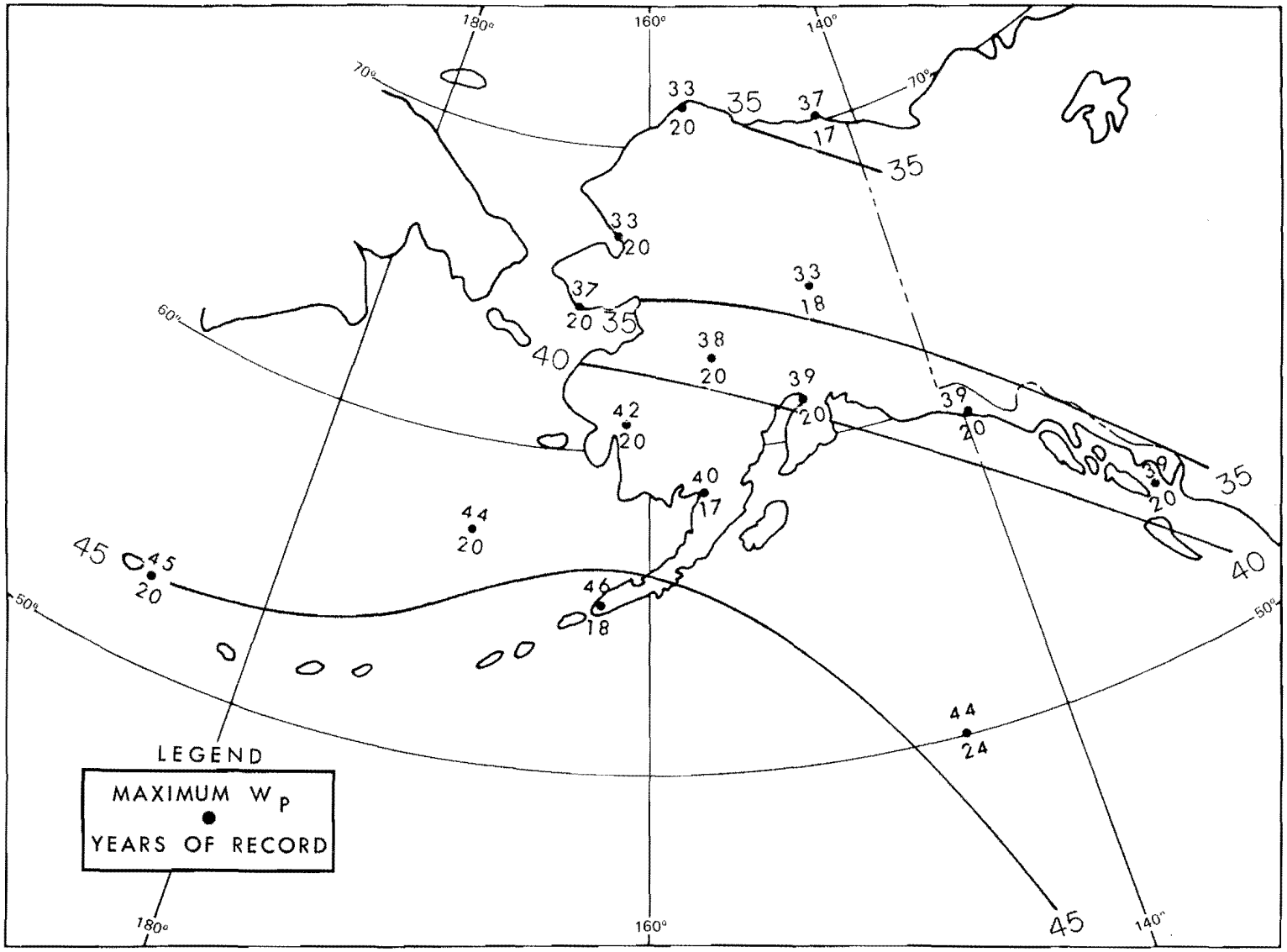
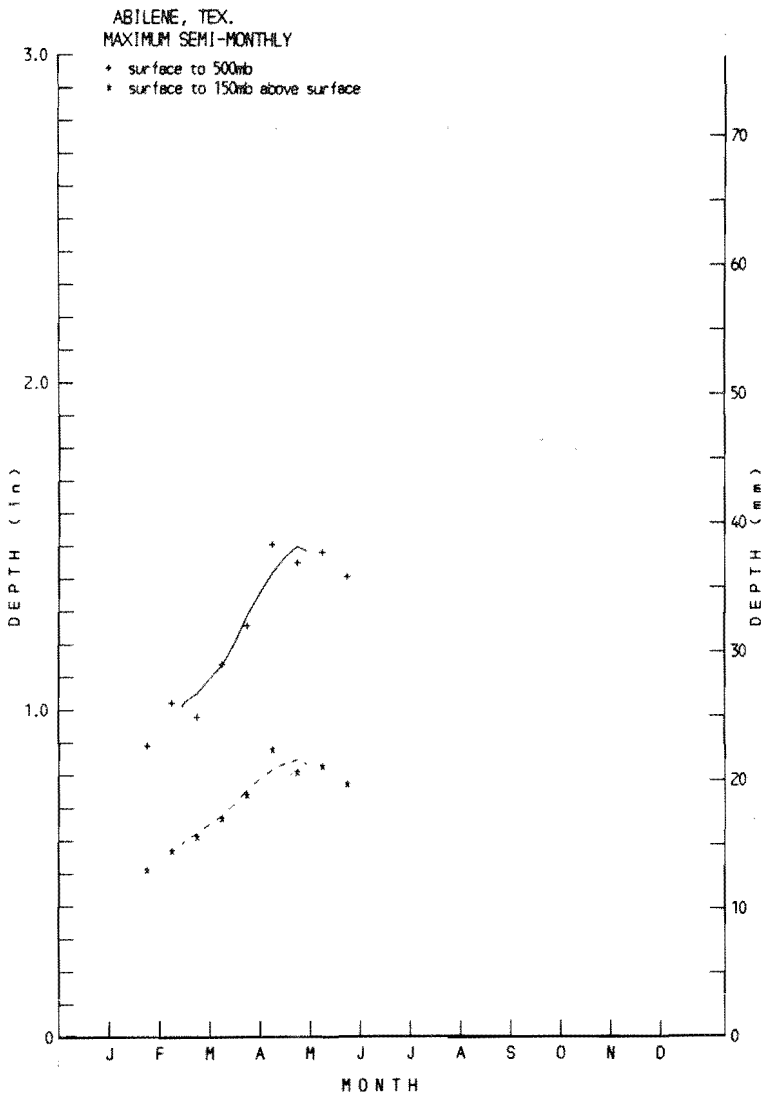
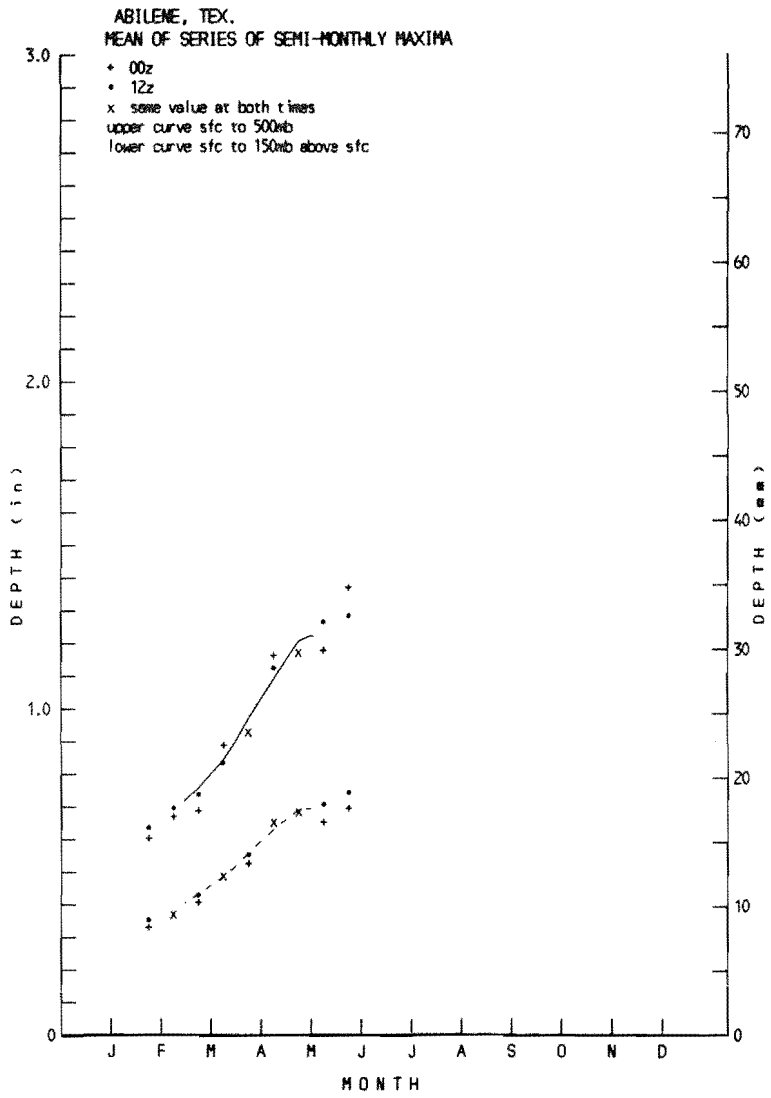


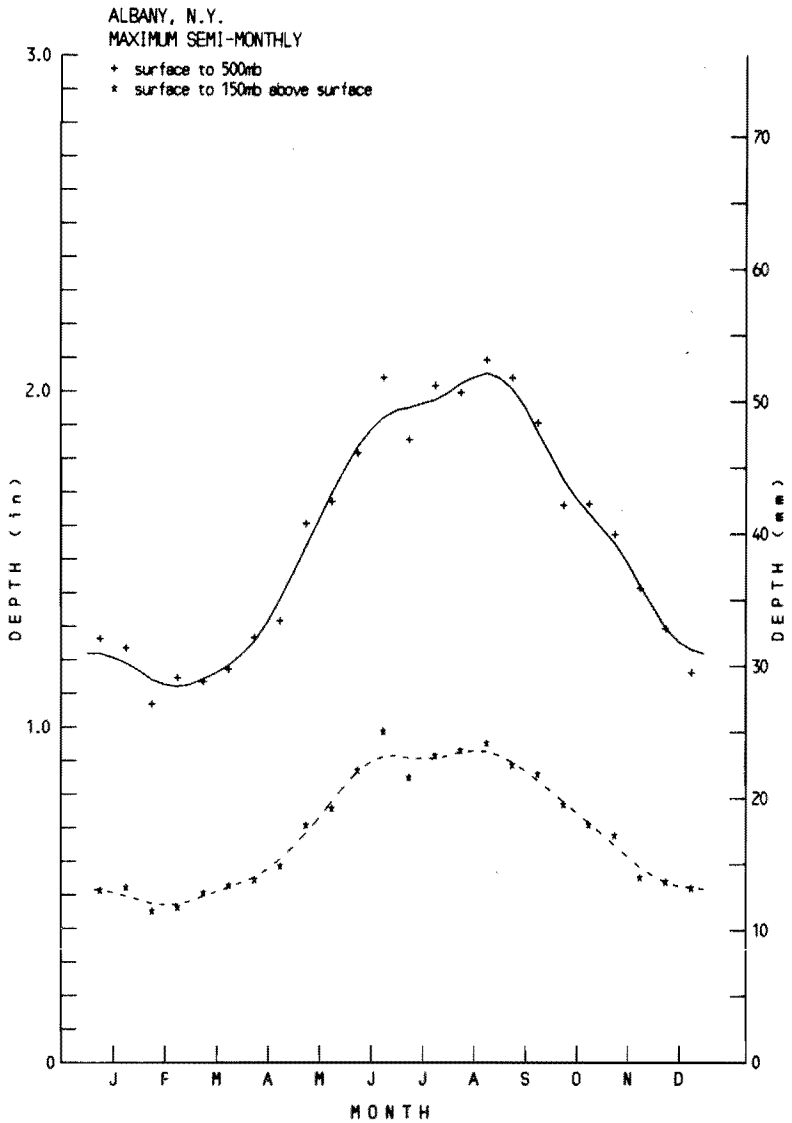
Figure 22.--Alaska, envelopment of greatest observed w_p (mm) surface-to-500-mb.

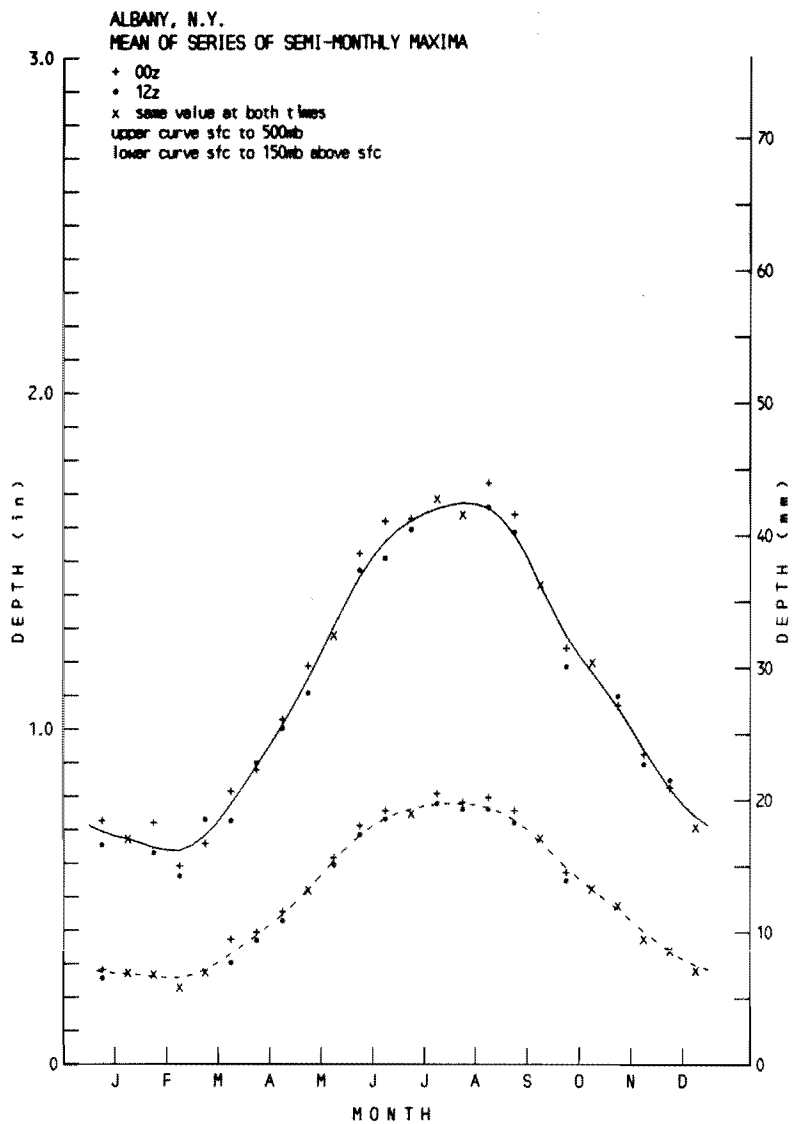

ABILENE, TEX.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


ABILENE, TEX.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

ABILENE, TEX. 15 YEARS OF RECORD

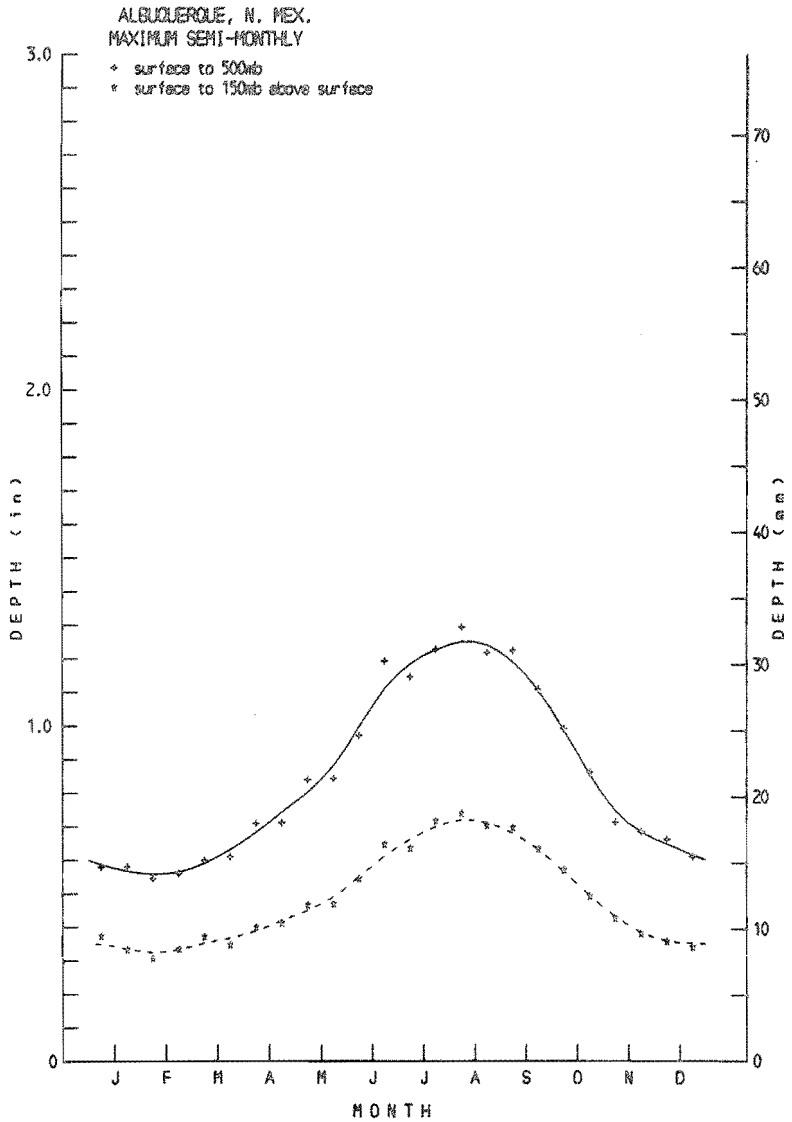
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	2.2583	(.8891)	64021212	1.5273	(.6013)	.4773	(.1879)	1.6104	(.6340)	.4882	(.1922)	FEB-1
2	2.5905	(1.0199)	67022712	1.6993	(.6690)	.4332	(.1705)	1.7637	(.6944)	.4275	(.1683)	2
MAR-1	2.4834	(.9777)	63030412	1.7425	(.6860)	.3683	(.1450)	1.8697	(.7361)	.3816	(.1502)	MAR-1
2	2.8913	(1.1383)	68033100	2.2518	(.8865)	.4088	(.1609)	2.1151	(.8327)	.2951	(.1162)	2
APR-1	3.1943	(1.2576)	67041112	2.3560	(.9275)	.2492	(.0981)	2.3779	(.9362)	.4193	(.1651)	APR-1
2	3.8242	(1.5056)	70041812	2.9492	(1.1611)	.3947	(.1554)	2.8532	(1.1233)	.4367	(.1719)	2
MAY-1	3.6825	(1.4498)	65051300	2.9912	(1.1777)	.3092	(.1217)	2.9781	(1.1725)	.3517	(.1385)	MAY-1
2	3.7635	(1.4817)	57052315	2.9907	(1.1774)	.3095	(.1218)	3.2125	(1.2647)	.3888	(.1531)	2
JUN-1	3.5725	(1.4065)	61060400	3.4788	(1.3696)	.1325	(.0522)	3.2591	(1.2831)	.3581	(.1410)	JUN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUL-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUL-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
AUG-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	AUG-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
SEP-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	SEP-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
OCT-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	1.2964	(.5104)	68020112	.8352	(.3288)	.2619	(.1031)	.8927	(.3514)	.3087	(.1215)	FEB-1
2	1.4432	(.5682)	71021800	.9375	(.3691)	.2303	(.0907)	.9593	(.3777)	.2238	(.0881)	2
MAR-1	1.5522	(.6111)	63030412	1.0293	(.4052)	.2608	(.1027)	1.0866	(.4278)	.2706	(.1065)	MAR-1
2	1.6955	(.6675)	63031812	1.2604	(.4962)	.2413	(.0950)	1.2304	(.4844)	.2211	(.0870)	2
APR-1	1.8773	(.7391)	65041012	1.3327	(.5247)	.2543	(.1001)	1.4007	(.5515)	.2716	(.1069)	APR-1
2	2.2322	(.8788)	70042912	1.6487	(.6491)	.1709	(.0673)	1.6806	(.6617)	.2274	(.0895)	2
MAY-1	2.0566	(.8097)	68051512	1.7222	(.6780)	.1295	(.0510)	1.7724	(.6978)	.1474	(.0580)	MAY-1
2	2.1029	(.8279)	65052612	1.6549	(.6515)	.2604	(.1025)	1.7946	(.7065)	.2043	(.0804)	2
JUN-1	1.9639	(.7732)	61060412	1.7642	(.6945)	.1751	(.0689)	1.8867	(.7428)	.1092	(.0430)	JUN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUL-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUL-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
AUG-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	AUG-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
SEP-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	SEP-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
OCT-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2

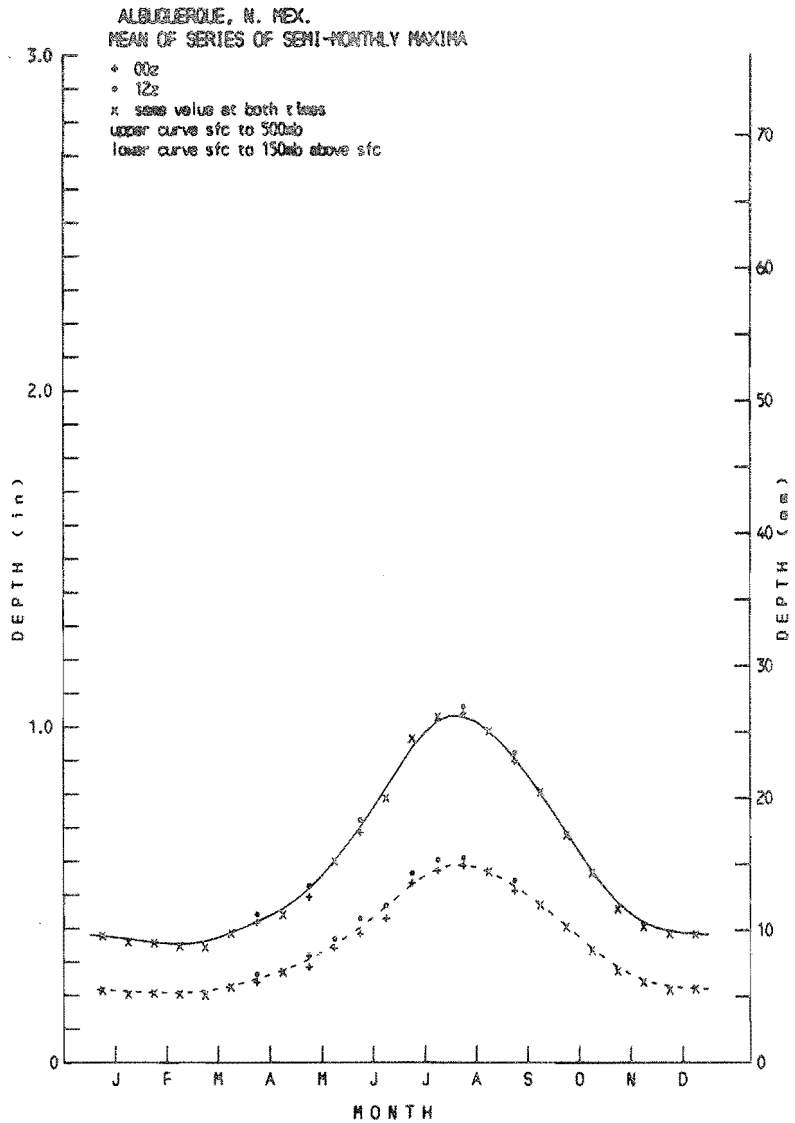

ALBANY, N.Y.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


ALBANY, N.Y.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

ALBANY, N.Y. 27 YEARS OF RECORD

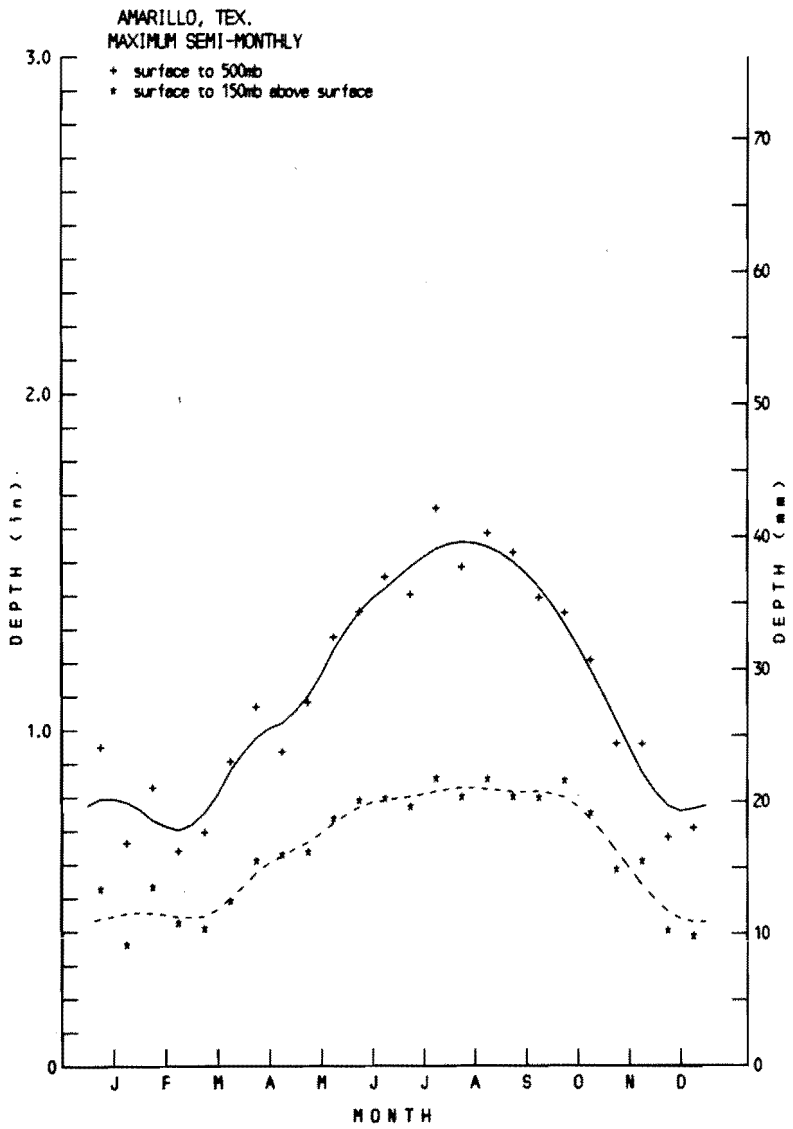
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.2045	(1.2616)	50010403	1.8425	(.7254)	.5852	(.2304)	1.6588	(.6531)	.4975	(.1959)	JAN-1
2	3.1351	(1.2343)	59012200	1.6942	(.6670)	.6379	(.2512)	1.7431	(.6863)	.3685	(.1451)	2
FEB-1	2.7099	(1.0669)	60021112	1.8248	(.7184)	.4304	(.1694)	1.5984	(.6293)	.4535	(.1785)	FEB-1
2	2.9088	(1.1452)	61022600	1.4989	(.5901)	.5103	(.2009)	1.4212	(.5595)	.4512	(.1777)	2
MAR-1	2.8791	(1.1335)	64030512	1.6672	(.6564)	.5193	(.2044)	1.8507	(.7286)	.5495	(.2164)	MAR-1
2	2.9728	(1.1704)	48032203	2.0631	(.8123)	.5011	(.1973)	1.8418	(.7251)	.5719	(.2252)	2
APR-1	3.2136	(1.2652)	47041203	2.2268	(.8767)	.5357	(.2109)	2.2803	(.8977)	.4941	(.1945)	APR-1
2	3.3398	(1.3149)	62042912	2.6090	(1.0272)	.4019	(.1582)	2.5406	(1.0002)	.4052	(.1595)	2
MAY-1	4.0752	(1.6044)	59051200	3.0136	(1.1865)	.4432	(.1745)	2.8094	(1.1061)	.4670	(.1839)	MAY-1
2	4.2403	(1.6694)	59052200	3.2726	(1.2884)	.4429	(.1744)	3.2471	(1.2784)	.4874	(.1919)	2
JUN-1	4.6073	(1.8139)	49061303	3.8630	(1.5209)	.3594	(.1415)	3.7388	(1.4720)	.2741	(.1079)	JUN-1
2	5.1796	(2.0392)	59062900	4.1083	(1.6175)	.4629	(.1823)	3.8289	(1.5075)	.4338	(.1708)	2
JUL-1	4.7102	(1.8544)	46071215	4.1269	(1.6248)	.4076	(.1605)	4.0461	(1.5929)	.3615	(.1423)	JUL-1
2	5.1181	(2.0150)	72072100	4.3136	(1.6983)	.4502	(.1772)	4.2729	(1.6822)	.4387	(.1727)	2
AUG-1	5.0658	(1.9944)	70080100	4.1883	(1.6489)	.4556	(.1794)	4.1564	(1.6364)	.5125	(.2018)	AUG-1
2	5.3116	(2.0912)	69081700	4.3960	(1.7307)	.4220	(.1661)	4.2143	(1.6592)	.4450	(.1752)	2
SEP-1	5.1768	(2.0381)	59090300	4.1590	(1.6374)	.5134	(.2021)	4.0255	(1.5848)	.5236	(.2061)	SEP-1
2	4.8377	(1.9046)	58092612	3.6286	(1.4286)	.5489	(.2161)	3.6589	(1.4405)	.6682	(.2631)	2
OCT-1	4.2146	(1.6593)	59100912	3.1496	(1.2400)	.4378	(.1723)	3.0100	(1.1850)	.4722	(.1859)	OCT-1
2	4.2233	(1.6627)	68101912	3.0344	(1.1946)	.3810	(.1500)	3.0749	(1.2106)	.4672	(.1839)	2
NOV-1	3.9924	(1.5718)	66110312	2.7181	(1.0701)	.6041	(.2378)	2.7854	(1.0966)	.5457	(.2149)	NOV-1
2	3.5877	(1.4125)	58111812	2.3442	(.9229)	.5295	(.2085)	2.2704	(.8938)	.4804	(.1891)	2
DEC-1	3.2809	(1.2917)	67121212	2.0929	(.8240)	.4874	(.1919)	2.1503	(.8466)	.5124	(.2017)	DEC-1
2	2.9482	(1.1607)	71121600	1.8084	(.7120)	.6160	(.2425)	1.8000	(.7087)	.5139	(.2023)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.3000	(.5118)	50010403	.7132	(.2808)	.2660	(.1047)	.6484	(.2553)	.2304	(.0907)	JAN-1
2	1.3221	(.5205)	47013103	.7265	(.2860)	.2642	(.1040)	.6799	(.2677)	.1774	(.0698)	2
FEB-1	1.1412	(.4493)	60021112	.6849	(.2696)	.1706	(.0672)	.6945	(.2734)	.2273	(.0895)	FEB-1
2	1.1704	(.4608)	57022703	.6052	(.2383)	.2053	(.0808)	.5754	(.2265)	.1854	(.0730)	2
MAR-1	1.2789	(.5035)	72030300	.6845	(.2695)	.2051	(.0808)	.7274	(.2864)	.2358	(.0928)	MAR-1
2	1.3348	(.5255)	48032203	.9413	(.3706)	.2318	(.0912)	.7649	(.3011)	.2429	(.0956)	2
APR-1	1.3790	(.5429)	47041203	.9960	(.3921)	.2360	(.0929)	.9338	(.3676)	.2177	(.0857)	APR-1
2	1.4826	(.5837)	62042912	1.1515	(.4534)	.1996	(.0786)	1.0825	(.4262)	.2161	(.0851)	2
MAY-1	1.7897	(.7046)	49050703	1.3539	(.5330)	.2099	(.0826)	1.3046	(.5136)	.2568	(.1011)	MAY-1
2	1.9185	(.7553)	46052603	1.5627	(.6152)	.1946	(.0766)	1.5082	(.5938)	.2528	(.0995)	2
JUN-1	2.2075	(.8691)	49061303	1.8056	(.7108)	.1783	(.0702)	1.7380	(.6843)	.1336	(.0526)	JUN-1
2	2.5055	(.9864)	59062900	1.9184	(.7553)	.2232	(.0879)	1.8559	(.7307)	.2306	(.0908)	2
JUL-1	2.1542	(.8481)	47071315	1.9112	(.7524)	.1501	(.0591)	1.9099	(.7519)	.1239	(.0488)	JUL-1
2	2.3203	(.9135)	72072100	2.0492	(.8068)	.1670	(.0657)	1.9759	(.7779)	.1909	(.0752)	2
AUG-1	2.3599	(.9291)	70080200	1.9825	(.7805)	.1855	(.0730)	1.9295	(.7597)	.2009	(.0791)	AUG-1
2	2.4143	(.9505)	69081700	2.0191	(.7949)	.2217	(.0873)	1.9309	(.7602)	.2095	(.0825)	2
SEP-1	2.2487	(.8853)	59090912	1.9218	(.7566)	.2072	(.0816)	1.8292	(.7201)	.2486	(.0979)	SEP-1
2	2.1791	(.8579)	58092600	1.7302	(.6812)	.2976	(.1172)	1.7204	(.6773)	.2768	(.1090)	2
OCT-1	1.9500	(.7677)	59100100	1.4526	(.5719)	.2275	(.0896)	1.3897	(.5471)	.2429	(.0956)	OCT-1
2	1.7970	(.7075)	47101815	1.3405	(.5278)	.1668	(.0657)	1.3469	(.5303)	.2252	(.0887)	2
NOV-1	1.7153	(.6753)	48110703	1.2226	(.4813)	.2777	(.1093)	1.2059	(.4747)	.2172	(.0855)	NOV-1
2	1.3965	(.5498)	59112812	.9752	(.3839)	.2269	(.0893)	.9437	(.3715)	.2031	(.0800)	2
DEC-1	1.3637	(.5369)	66121000	.8632	(.3399)	.2088	(.0822)	.8794	(.3462)	.1942	(.0765)	DEC-1
2	1.3170	(.5185)	57122100	.7211	(.2839)	.2798	(.1102)	.7184	(.2828)	.2669	(.1051)	2

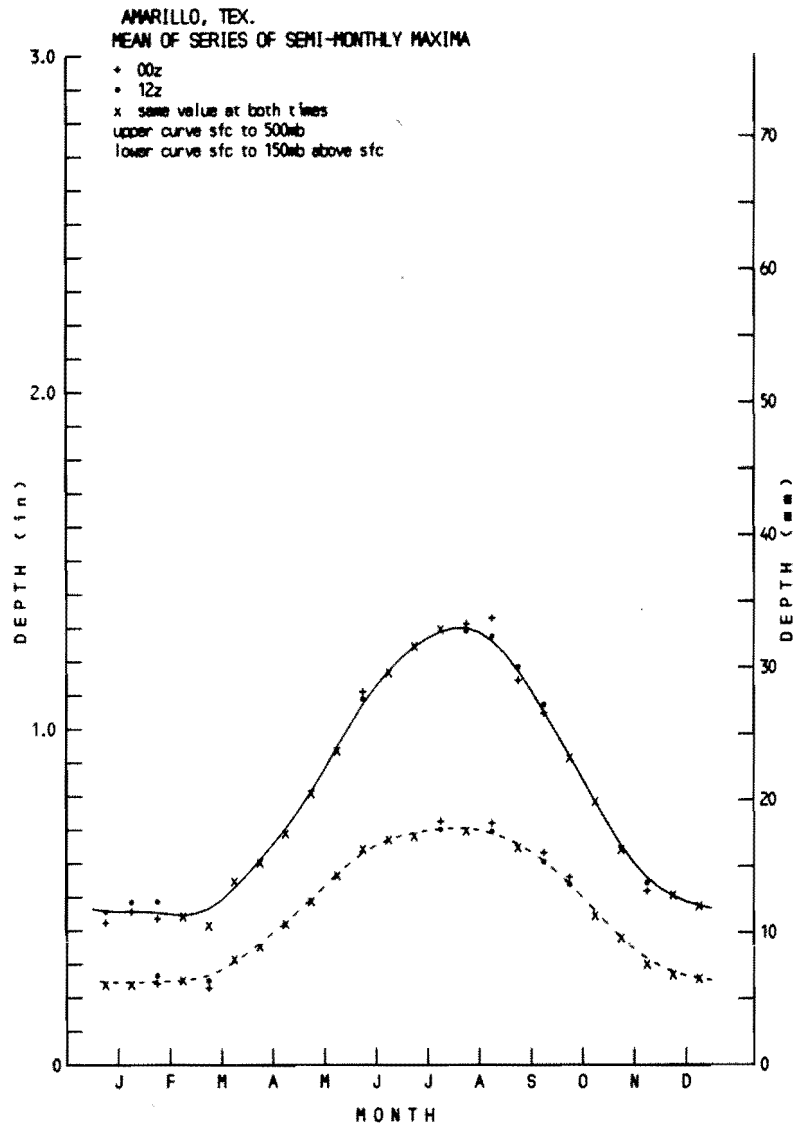

ALBUQUERQUE, N. MEX.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (cm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


ALBUQUERQUE, N. MEX.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
∘ 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (cm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

ALBUQUERQUE, N. MEX. 27 YEARS OF RECORD

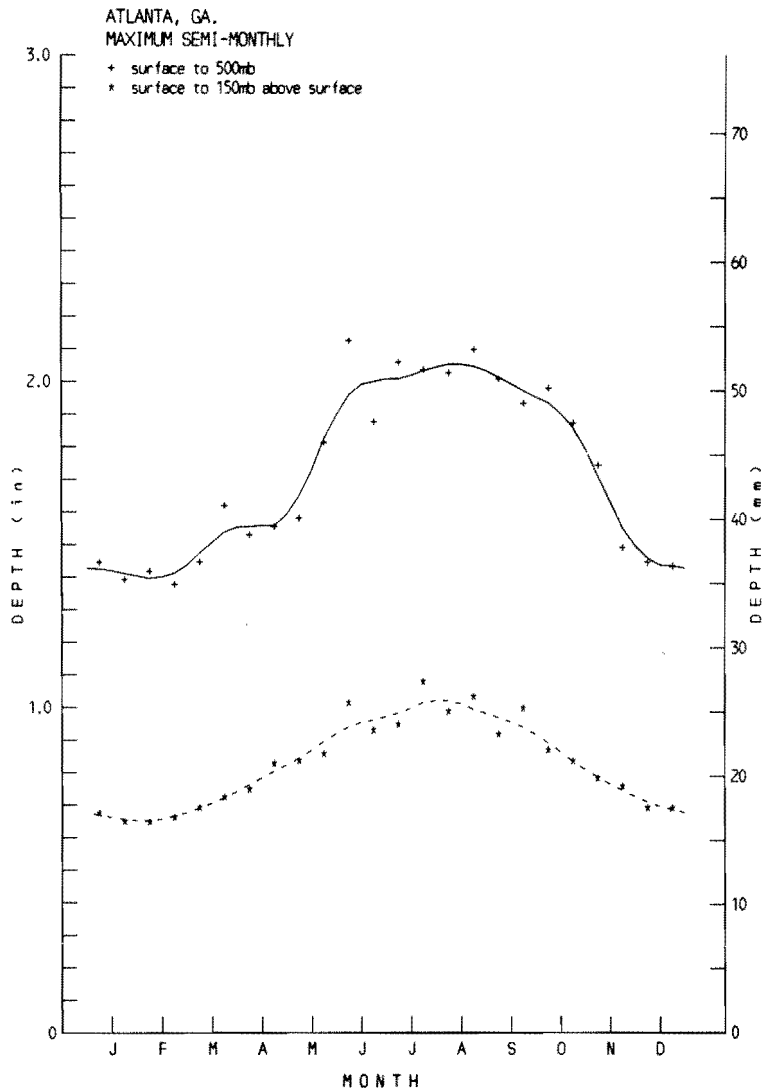
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.4676	(.5778)	65010700	.9752	(.3839)	.2748	(.1082)	.9684	(.3812)	.2887	(.1137)	JAN-1
2	1.4722	(.5796)	52019912	.9269	(.3649)	.1837	(.0723)	.9216	(.3628)	.2059	(.0811)	2
FEB-1	1.3790	(.5429)	57029912	.9092	(.3580)	.2013	(.0792)	.9244	(.3639)	.2171	(.0855)	FEB-1
2	1.4186	(.5585)	57029900	.8692	(.3422)	.2421	(.0953)	.9146	(.3601)	.2326	(.0916)	2
MAR-1	1.5182	(.5977)	51039900	.8665	(.3412)	.2386	(.0939)	.9017	(.3550)	.2347	(.0924)	MAR-1
2	1.5451	(.6083)	54039912	.9638	(.3795)	.2350	(.0925)	1.0104	(.3978)	.2851	(.1122)	2
APR-1	1.7965	(.7073)	46049912	1.0532	(.4146)	.2547	(.1003)	1.1163	(.4395)	.2475	(.0974)	APR-1
2	1.8026	(.7097)	46049900	1.1210	(.4414)	.2779	(.1094)	1.1378	(.4480)	.2315	(.0911)	2
MAY-1	2.1280	(.8378)	47059912	1.2497	(.4920)	.2859	(.1126)	1.3335	(.5250)	.2822	(.1111)	MAY-1
2	2.1387	(.8420)	64059912	1.5195	(.5982)	.2947	(.1160)	1.5490	(.6099)	.3124	(.1230)	2
JUN-1	2.4633	(.9698)	53069912	1.7365	(.6837)	.3676	(.1447)	1.8334	(.7218)	.4019	(.1582)	JUN-1
2	3.0259	(1.1913)	66062912	1.9896	(.7833)	.3511	(.1382)	2.0361	(.8016)	.3545	(.1396)	2
JUL-1	2.9086	(1.1451)	50079900	2.4639	(.9700)	.2364	(.0931)	2.4635	(.9699)	.2085	(.0821)	JUL-1
2	3.1133	(1.2257)	68072500	2.6072	(1.0265)	.2360	(.0929)	2.6490	(1.0429)	.1930	(.0760)	2
AUG-1	3.2822	(1.2922)	70080612	2.6370	(1.0382)	.2617	(.1030)	2.6900	(1.0591)	.2929	(.1153)	AUG-1
2	3.0897	(1.2164)	55089900	2.5161	(.9906)	.3422	(.1347)	2.5243	(.9938)	.2332	(.0918)	2
SEP-1	3.1054	(1.2226)	64099900	2.2776	(.8967)	.4001	(.1575)	2.3404	(.9214)	.3176	(.1251)	SEP-1
2	2.8125	(1.1073)	63099900	2.0819	(.8196)	.3815	(.1502)	2.0370	(.8020)	.3870	(.1524)	2
OCT-1	2.5174	(.9911)	54109900	1.7389	(.6846)	.3951	(.1556)	1.7205	(.6774)	.3891	(.1532)	OCT-1
2	2.1854	(.8604)	63109912	1.4398	(.5669)	.2997	(.1180)	1.4522	(.5717)	.3542	(.1395)	2
NOV-1	1.8064	(.7112)	60119912	1.1769	(.4634)	.2634	(.1037)	1.1701	(.4607)	.2445	(.0963)	NOV-1
2	1.7343	(.6828)	65112600	1.0351	(.4075)	.2248	(.0885)	1.0423	(.4103)	.2438	(.0960)	2
DEC-1	1.6772	(.6603)	66120600	.9949	(.3917)	.2573	(.1013)	.9733	(.3832)	.2606	(.1026)	DEC-1
2	1.5451	(.6083)	62129912	.9976	(.3928)	.2647	(.1042)	.9634	(.3793)	.2934	(.1155)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.9444	(.3718)	49019900	.5585	(.2199)	.1733	(.0682)	.5608	(.2208)	.1642	(.0646)	JAN-1
2	.8410	(.3311)	52019912	.5249	(.2066)	.1107	(.0436)	.5278	(.2078)	.1148	(.0452)	2
FEB-1	.7757	(.3054)	57029912	.5356	(.2109)	.1077	(.0424)	.5362	(.2111)	.1135	(.0447)	FEB-1
2	.8453	(.3328)	57029912	.5144	(.2025)	.1374	(.0541)	.5417	(.2133)	.1323	(.0521)	2
MAR-1	.9380	(.3693)	51039900	.5107	(.2011)	.1460	(.0575)	.5289	(.2082)	.1269	(.0500)	MAR-1
2	.8768	(.3452)	54039912	.5592	(.2202)	.1363	(.0537)	.6057	(.2385)	.1510	(.0594)	2
APR-1	1.0112	(.3981)	46049912	.6026	(.2372)	.1483	(.0584)	.6638	(.2613)	.1367	(.0538)	APR-1
2	1.0409	(.4098)	52049912	.6702	(.2639)	.1634	(.0643)	.7193	(.2832)	.1413	(.0556)	2
MAY-1	1.1808	(.4649)	47059912	.7181	(.2827)	.1764	(.0694)	.8075	(.3179)	.1484	(.0584)	MAY-1
2	1.1864	(.4671)	64059912	.8603	(.3387)	.1603	(.0631)	.9329	(.3673)	.1795	(.0707)	2
JUN-1	1.3797	(.5432)	60069912	.9691	(.3815)	.2112	(.0832)	1.0853	(.4273)	.2221	(.0875)	JUN-1
2	1.6393	(.6454)	66062912	1.0856	(.4274)	.2053	(.0808)	1.1859	(.4669)	.1867	(.0735)	2
JUL-1	1.6096	(.6337)	50079900	1.3551	(.5335)	.1535	(.0604)	1.4305	(.5632)	.1176	(.0463)	JUL-1
2	1.8174	(.7155)	68072500	1.4500	(.5709)	.1427	(.0562)	1.5310	(.6028)	.1108	(.0436)	2
AUG-1	1.8727	(.7373)	70080612	1.4869	(.5854)	.1296	(.0510)	1.5450	(.6083)	.1392	(.0548)	AUG-1
2	1.7810	(.7012)	55089900	1.4394	(.5667)	.1809	(.0712)	1.4743	(.5805)	.1316	(.0518)	2
SEP-1	1.7661	(.6953)	64099900	1.2945	(.5096)	.2322	(.0914)	1.3759	(.5417)	.1348	(.0531)	SEP-1
2	1.6040	(.6315)	63099900	1.1964	(.4710)	.2273	(.0895)	1.2119	(.4771)	.2198	(.0865)	2
OCT-1	1.4450	(.5689)	54109900	1.0135	(.3990)	.2292	(.0902)	1.0610	(.4177)	.2180	(.0858)	OCT-1
2	1.2466	(.4908)	63109912	.8492	(.3343)	.1945	(.0766)	.8742	(.3442)	.1944	(.0765)	2
NOV-1	1.0795	(.4250)	60119912	.7011	(.2760)	.1689	(.0665)	.7054	(.2777)	.1494	(.0588)	NOV-1
2	.9619	(.3787)	65112600	.6167	(.2428)	.1200	(.0472)	.6207	(.2444)	.1227	(.0483)	2
DEC-1	.9042	(.3560)	66120612	.5548	(.2184)	.1396	(.0550)	.5626	(.2215)	.1455	(.0573)	DEC-1
2	.8606	(.3388)	48129900	.5806	(.2286)	.1555	(.0612)	.5565	(.2191)	.1562	(.0615)	2

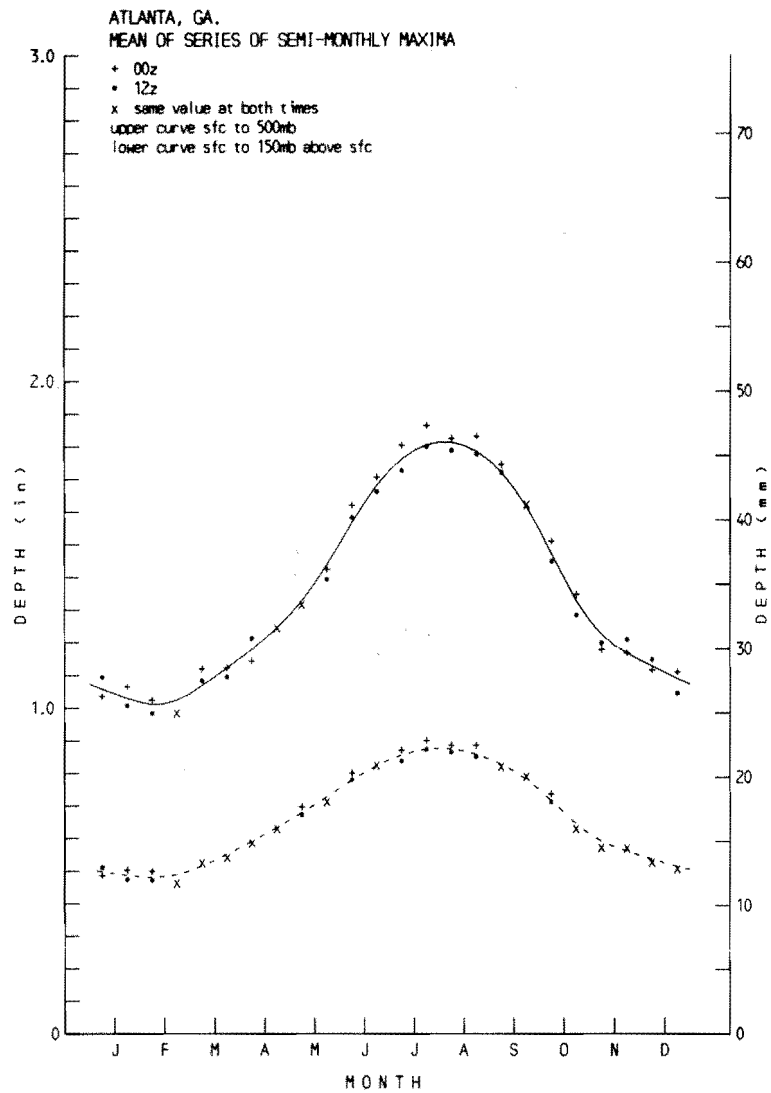

AMARILLO, TEX.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


AMARILLO, TEX.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

AMARILLO, TEX. 20 YEARS OF RECORD

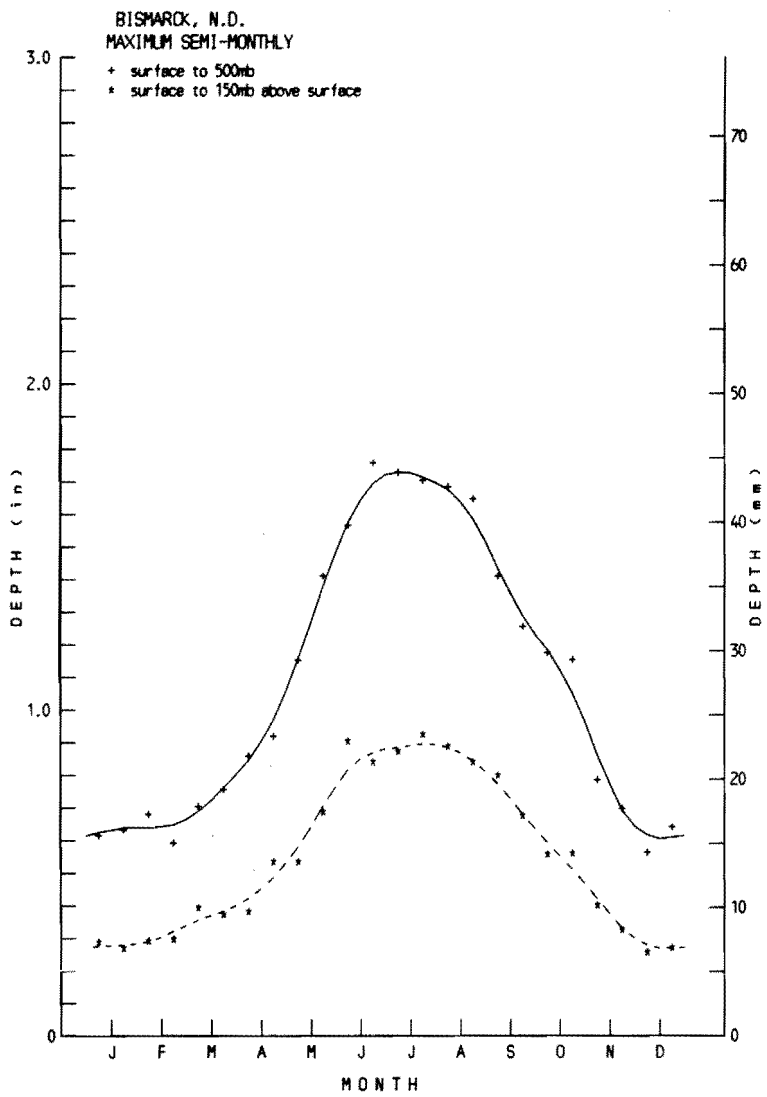
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.4066	(.9475)	55019912	1.0712	(.4217)	.3882	(.1528)	1.1537	(.4542)	.4330	(.1705)	JAN-1
2	1.6833	(.6627)	62019912	1.1545	(.4545)	.2209	(.0870)	1.2267	(.4829)	.2425	(.0955)	2
FEB-1	2.1021	(.8276)	57029912	1.1010	(.4335)	.2342	(.0922)	1.2294	(.4840)	.3054	(.1202)	FEB-1
2	1.6228	(.6389)	67022700	1.1138	(.4385)	.2992	(.1178)	1.1548	(.4546)	.2462	(.0969)	2
MAR-1	1.7648	(.6948)	53039900	1.0575	(.4163)	.3049	(.1200)	1.0683	(.4206)	.2644	(.1041)	MAR-1
2	2.3007	(.9058)	72032400	1.4136	(.5565)	.3680	(.1449)	1.3801	(.5434)	.2315	(.0911)	2
APR-1	2.7132	(1.0682)	67041200	1.5396	(.6061)	.4868	(.1917)	1.5373	(.6052)	.3542	(.1395)	APR-1
2	2.3739	(.9346)	54049900	1.7720	(.6976)	.3765	(.1482)	1.7437	(.6865)	.3249	(.1279)	2
MAY-1	2.7473	(1.0816)	59059912	2.0758	(.8172)	.3850	(.1516)	2.0493	(.8068)	.3692	(.1454)	MAY-1
2	3.2405	(1.2758)	58059900	2.4011	(.9453)	.3707	(.1459)	2.3653	(.9312)	.2234	(.0879)	2
JUN-1	3.4315	(1.3510)	63069900	2.8162	(1.1087)	.2961	(.1166)	2.7640	(1.0882)	.2607	(.1026)	JUN-1
2	3.6939	(1.4543)	70062912	2.9830	(1.1744)	.3040	(.1197)	2.9645	(1.1671)	.3342	(.1316)	2
JUL-1	3.5601	(1.4016)	58079912	3.1494	(1.2399)	.3410	(.1343)	3.1974	(1.2588)	.2541	(.1000)	JUL-1
2	4.2121	(1.6583)	66072800	3.3121	(1.3040)	.3868	(.1523)	3.2896	(1.2951)	.2852	(.1123)	2
AUG-1	3.7691	(1.4839)	68081500	3.3286	(1.3105)	.2357	(.0928)	3.2755	(1.2896)	.2423	(.0954)	AUG-1
2	4.0236	(1.5841)	52089900	3.3704	(1.3269)	.3669	(.1444)	3.2339	(1.2732)	.2628	(.1035)	2
SEP-1	3.8771	(1.5264)	58099912	2.9016	(1.1423)	.4244	(.1671)	3.0026	(1.1821)	.4111	(.1618)	SEP-1
2	3.5357	(1.3920)	58099912	2.6539	(1.0448)	.3798	(.1495)	2.7185	(1.0703)	.4078	(.1605)	2
OCT-1	3.4234	(1.3478)	54109900	2.3367	(.9200)	.4494	(.1769)	2.3228	(.9145)	.5068	(.1995)	OCT-1
2	3.0668	(1.2074)	68101600	2.0055	(.7896)	.5930	(.2334)	1.9947	(.7853)	.4783	(.1883)	2
NOV-1	2.4364	(.9592)	58119900	1.6128	(.6350)	.3469	(.1366)	1.6626	(.6546)	.3843	(.1513)	NOV-1
2	2.4321	(.9575)	71111700	1.3092	(.5154)	.3548	(.1397)	1.3727	(.5404)	.3419	(.1346)	2
DEC-1	1.7275	(.6801)	65121012	1.2793	(.5037)	.1885	(.0742)	1.3045	(.5136)	.2850	(.1122)	DEC-1
2	1.7978	(.7078)	65122312	1.1976	(.4715)	.3031	(.1193)	1.2212	(.4808)	.2739	(.1078)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.3363	(.5261)	55019912	.6025	(.2372)	.2092	(.0824)	.6284	(.2474)	.2366	(.0932)	JAN-1
2	.9152	(.3603)	68012100	.6204	(.2443)	.1362	(.0536)	.6122	(.2410)	.1227	(.0483)	2
FEB-1	1.3523	(.5324)	57029912	.6097	(.2400)	.1622	(.0639)	.6704	(.2639)	.2087	(.0822)	FEB-1
2	1.0790	(.4248)	71021812	.6429	(.2531)	.1585	(.0624)	.6535	(.2573)	.1630	(.0642)	2
MAR-1	1.0363	(.4080)	53039912	.5750	(.2264)	.1224	(.0482)	.6321	(.2489)	.1561	(.0615)	MAR-1
2	1.2441	(.4898)	72032400	.8005	(.3152)	.1803	(.0710)	.8174	(.3218)	.1255	(.0494)	2
APR-1	1.5491	(.6099)	67041200	.9007	(.3546)	.2926	(.1152)	.9083	(.3576)	.2243	(.0883)	APR-1
2	1.5964	(.6285)	57049900	1.0506	(.4136)	.2687	(.1058)	1.0972	(.4320)	.2228	(.0877)	2
MAY-1	1.6175	(.6368)	61059900	1.2331	(.4855)	.2232	(.0879)	1.2620	(.4969)	.1844	(.0726)	MAY-1
2	1.8692	(.7359)	58059900	1.4460	(.5693)	.2113	(.0832)	1.4397	(.5668)	.1378	(.0543)	2
JUN-1	2.0069	(.7901)	54069900	1.6513	(.6501)	.1501	(.0591)	1.6330	(.6429)	.1447	(.0570)	JUN-1
2	2.0218	(.7960)	58069900	1.7357	(.6833)	.1728	(.0680)	1.6872	(.6642)	.1293	(.0509)	2
JUL-1	1.9614	(.7722)	52079900	1.7467	(.6877)	.1608	(.0633)	1.7309	(.6814)	.1151	(.0453)	JUL-1
2	2.1725	(.8553)	58079900	1.8366	(.7231)	.1608	(.0633)	1.7753	(.6989)	.1229	(.0484)	2
AUG-1	2.0358	(.8015)	66080200	1.7933	(.7060)	.1165	(.0459)	1.7648	(.6948)	.1253	(.0493)	AUG-1
2	2.1704	(.8545)	52089900	1.8249	(.7185)	.1868	(.0735)	1.7599	(.6929)	.1437	(.0566)	2
SEP-1	2.0353	(.8013)	58099912	1.6547	(.6514)	.1699	(.0669)	1.6498	(.6495)	.1764	(.0695)	SEP-1
2	2.0259	(.7976)	58099912	1.6007	(.6302)	.1747	(.0688)	1.5308	(.6027)	.2149	(.0846)	2
OCT-1	2.1590	(.8500)	54109900	1.4159	(.5574)	.2811	(.1107)	1.3594	(.5352)	.2948	(.1161)	OCT-1
2	1.9114	(.7525)	68101600	1.1475	(.4518)	.3472	(.1367)	1.1270	(.4437)	.3039	(.1196)	2
NOV-1	1.4844	(.5844)	64119912	.9502	(.3741)	.2054	(.0809)	.9900	(.3898)	.2751	(.1083)	NOV-1
2	1.5469	(.6090)	71111700	.7903	(.3111)	.2474	(.0974)	.7474	(.2942)	.2105	(.0829)	2
DEC-1	1.0213	(.4021)	65121012	.6981	(.2749)	.1549	(.0610)	.6823	(.2686)	.1480	(.0583)	DEC-1
2	.9784	(.3852)	72122900	.6713	(.2643)	.1686	(.0664)	.6513	(.2564)	.1459	(.0575)	2


ATLANTA, GA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


ATLANTA, GA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

ATLANTA, GA. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.6673	(1.4438)	49010515	2.6257	(1.0337)	.5029	(.1980)	2.7750	(1.0925)	.5620	(.2213)	JAN-1
2	3.5326	(1.3908)	57012303	2.7020	(1.0638)	.5327	(.2097)	2.5550	(1.0059)	.4798	(.1889)	2
FEB-1	3.5966	(1.4160)	57020103	2.5977	(1.0227)	.5440	(.2142)	2.4949	(.9823)	.5874	(.2313)	FEB-1
2	3.4943	(1.3757)	61022512	2.5207	(.9924)	.6283	(.2474)	2.5016	(.9849)	.5726	(.2255)	2
MAR-1	3.6685	(1.4443)	56031415	2.8415	(1.1187)	.4779	(.1882)	2.7480	(1.0819)	.4674	(.1840)	MAR-1
2	4.1064	(1.6167)	55032203	2.8472	(1.1210)	.4897	(.1928)	2.7785	(1.0939)	.4302	(.1694)	2
APR-1	3.8783	(1.5269)	47041415	2.9017	(1.1424)	.3139	(.1236)	3.0768	(1.2113)	.3313	(.1304)	APR-1
2	3.9428	(1.5523)	61042612	3.1573	(1.2430)	.3765	(.1482)	3.1897	(1.2558)	.3562	(.1402)	2
MAY-1	4.0084	(1.5781)	63051412	3.3534	(1.3202)	.2933	(.1155)	3.3540	(1.3205)	.3026	(.1191)	MAY-1
2	4.5954	(1.8092)	59052200	3.6148	(1.4231)	.3727	(.1467)	3.5378	(1.3928)	.3027	(.1192)	2
JUN-1	5.3904	(2.1222)	58061512	4.1134	(1.6195)	.4027	(.1585)	4.0166	(1.5813)	.4232	(.1666)	JUN-1
2	4.7577	(1.8731)	48062215	4.3303	(1.7048)	.2879	(.1134)	4.2182	(1.6607)	.3283	(.1292)	2
JUL-1	5.2248	(2.0570)	55071203	4.5783	(1.8025)	.3047	(.1200)	4.3819	(1.7252)	.2856	(.1124)	JUL-1
2	5.1646	(2.0333)	68072700	4.7307	(1.8625)	.2896	(.1140)	4.5669	(1.7980)	.3160	(.1244)	2
AUG-1	5.1394	(2.0234)	70081012	4.6302	(1.8229)	.2557	(.1007)	4.5376	(1.7865)	.3007	(.1184)	AUG-1
2	5.3218	(2.0952)	66082100	4.6465	(1.8293)	.3978	(.1566)	4.5089	(1.7751)	.3874	(.1525)	2
SEP-1	5.0932	(2.0052)	64091200	4.4283	(1.7434)	.3449	(.1358)	4.3662	(1.7190)	.2920	(.1150)	SEP-1
2	4.9032	(1.9304)	57091600	4.1258	(1.6243)	.3578	(.1409)	4.1363	(1.6285)	.3825	(.1506)	2
OCT-1	5.0175	(1.9754)	64100400	3.8309	(1.5082)	.6064	(.2387)	3.6769	(1.4476)	.5680	(.2236)	OCT-1
2	4.7470	(1.8689)	68101900	3.4196	(1.3463)	.6487	(.2554)	3.2592	(1.2831)	.6502	(.2560)	2
NOV-1	4.4191	(1.7398)	71110112	2.9916	(1.1778)	.5233	(.2060)	3.0443	(1.1985)	.5845	(.2301)	NOV-1
2	3.7785	(1.4876)	58111612	2.9658	(1.1677)	.4672	(.1839)	3.0679	(1.2078)	.3789	(.1492)	2
DEC-1	3.6647	(1.4428)	71120712	2.8312	(1.1146)	.3941	(.1552)	2.9130	(1.1468)	.5424	(.2135)	DEC-1
2	3.6342	(1.4308)	67122212	2.8151	(1.1083)	.5073	(.1997)	2.6516	(1.0439)	.4944	(.1946)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.7107	(.6735)	46010703	1.2304	(.4844)	.2637	(.1038)	1.2940	(.5094)	.2821	(.1111)	JAN-1
2	1.6459	(.6480)	54012103	1.2752	(.5021)	.2908	(.1145)	1.1996	(.4723)	.2802	(.1103)	2
FEB-1	1.6429	(.6468)	56020603	1.2634	(.4974)	.2641	(.1040)	1.1917	(.4692)	.2584	(.1017)	FEB-1
2	1.6807	(.6617)	61022512	1.1766	(.4632)	.2872	(.1131)	1.1915	(.4691)	.2814	(.1108)	2
MAR-1	1.7549	(.6909)	56031415	1.3554	(.5336)	.2672	(.1052)	1.3310	(.5240)	.2864	(.1128)	MAR-1
2	1.8362	(.7229)	55032203	1.3876	(.5463)	.2347	(.0924)	1.3834	(.5447)	.2025	(.0797)	2
APR-1	1.8971	(.7469)	64040800	1.4768	(.5814)	.2232	(.0879)	1.5201	(.5985)	.1659	(.0653)	APR-1
2	2.0985	(.8262)	70042800	1.6120	(.6346)	.1742	(.0686)	1.6080	(.6331)	.1267	(.0499)	2
MAY-1	2.1219	(.8354)	53050203	1.7667	(.6955)	.1306	(.0514)	1.7046	(.6711)	.1309	(.0515)	MAY-1
2	2.1732	(.8556)	53052515	1.8402	(.7245)	.1356	(.0534)	1.8000	(.7087)	.1754	(.0691)	2
JUN-1	2.5718	(1.0125)	58061512	2.0316	(.7998)	.1820	(.0717)	1.9787	(.7790)	.1807	(.0712)	JUN-1
2	2.3589	(.9287)	48062215	2.1175	(.8336)	.1176	(.0463)	2.0928	(.8239)	.1464	(.0576)	2
JUL-1	2.4049	(.9468)	63070200	2.2098	(.8700)	.1069	(.0421)	2.1241	(.8363)	.1278	(.0503)	JUL-1
2	2.7379	(1.0779)	62071600	2.2830	(.8988)	.1597	(.0629)	2.2164	(.8726)	.0999	(.0393)	2
AUG-1	2.5072	(.9871)	61080200	2.2483	(.8851)	.1233	(.0486)	2.1922	(.8631)	.1262	(.0497)	AUG-1
2	2.6223	(1.0324)	69081700	2.2479	(.8850)	.1659	(.0653)	2.1584	(.8498)	.1052	(.0414)	2
SEP-1	2.3287	(.9168)	61090200	2.0976	(.8258)	.1777	(.0699)	2.0878	(.8220)	.1184	(.0466)	SEP-1
2	2.5306	(.9963)	60091900	2.0152	(.7934)	.1997	(.0786)	2.0170	(.7941)	.1545	(.0608)	2
OCT-1	2.2045	(.8679)	65100100	1.8679	(.7354)	.1983	(.0781)	1.8033	(.7100)	.2077	(.0818)	OCT-1
2	2.1179	(.8338)	68101900	1.6287	(.6412)	.2387	(.0940)	1.5891	(.6256)	.2395	(.0943)	2
NOV-1	1.9855	(.7817)	71110200	1.4405	(.5671)	.2591	(.1020)	1.4838	(.5842)	.2322	(.0914)	NOV-1
2	1.9197	(.7558)	57111800	1.4637	(.5762)	.1746	(.0687)	1.4509	(.5712)	.2049	(.0807)	2
DEC-1	1.7523	(.6899)	56121415	1.3316	(.5242)	.2456	(.0967)	1.3636	(.5369)	.2554	(.1006)	DEC-1
2	1.7501	(.6890)	48121703	1.3006	(.5120)	.2736	(.1077)	1.2928	(.5090)	.2716	(.1069)	2


BISMARCK, N.D.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
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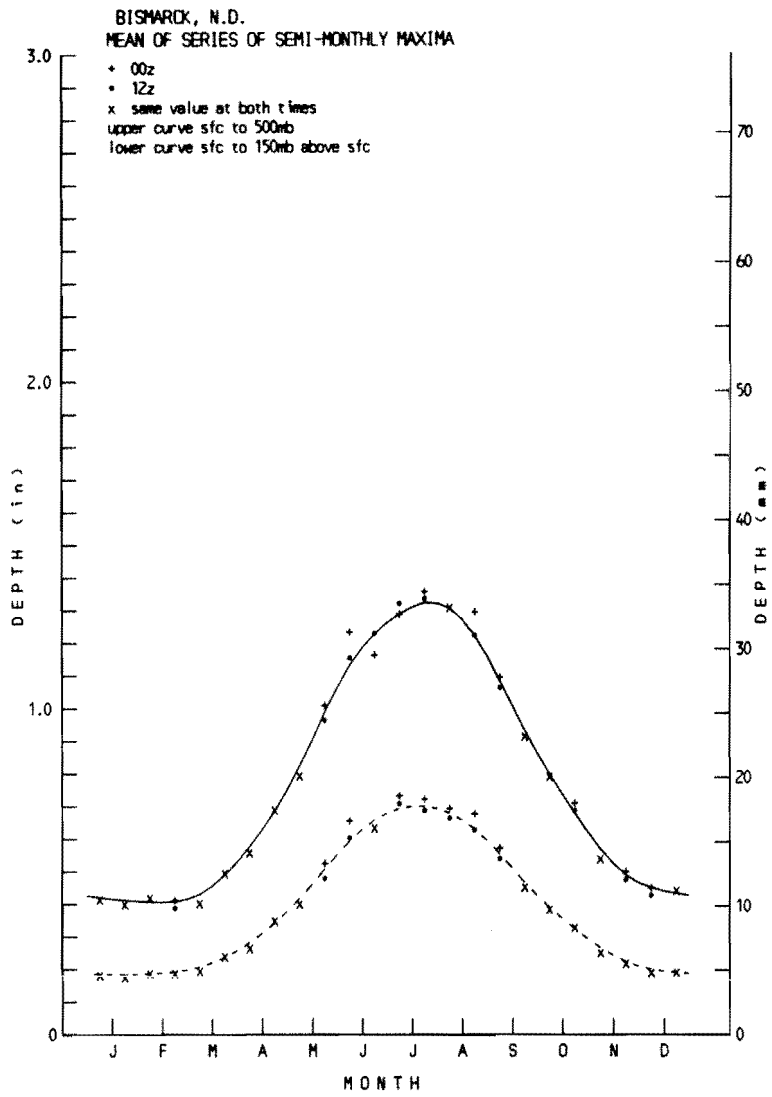
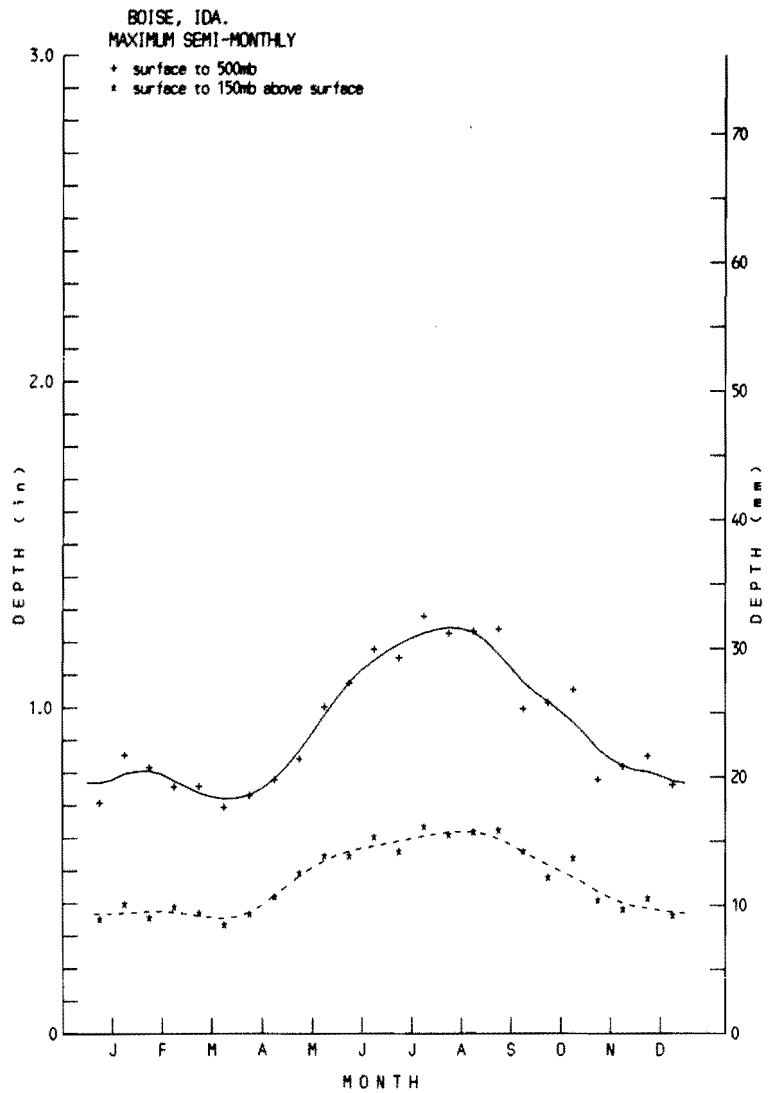
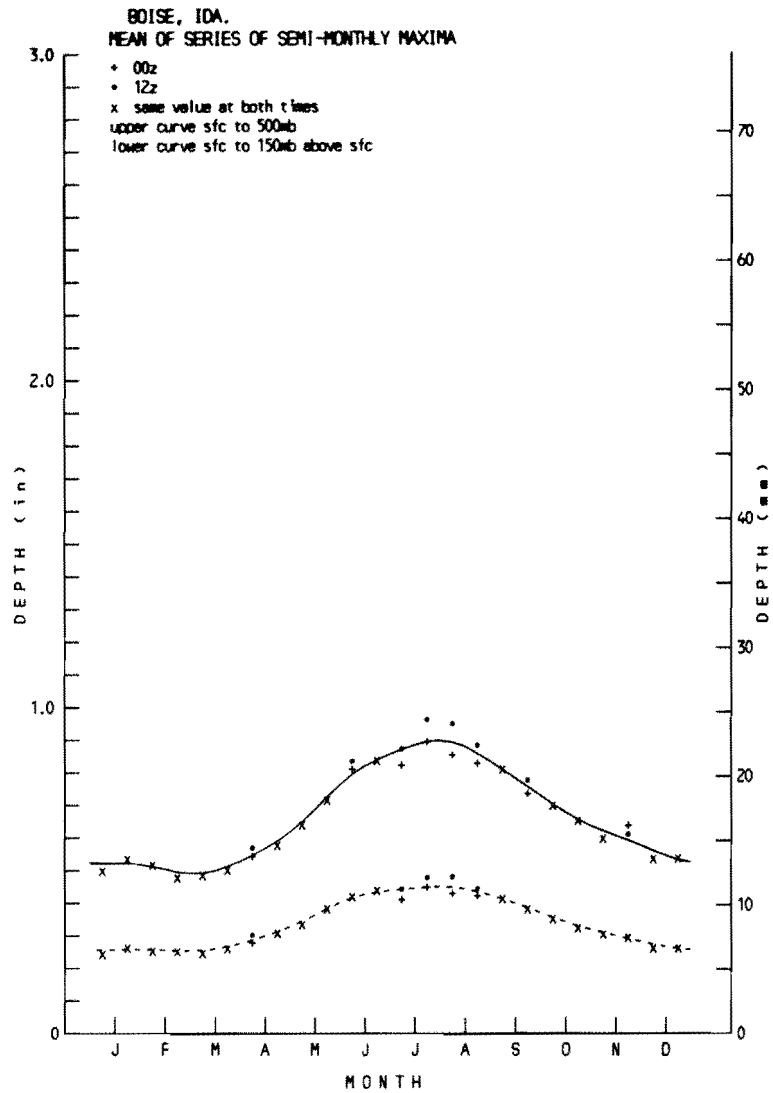
J F M A M J J A S O N D
MONTH


BISMARCK, N.D.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

BISMARCK, N.D. 27 YEARS OF RECORD

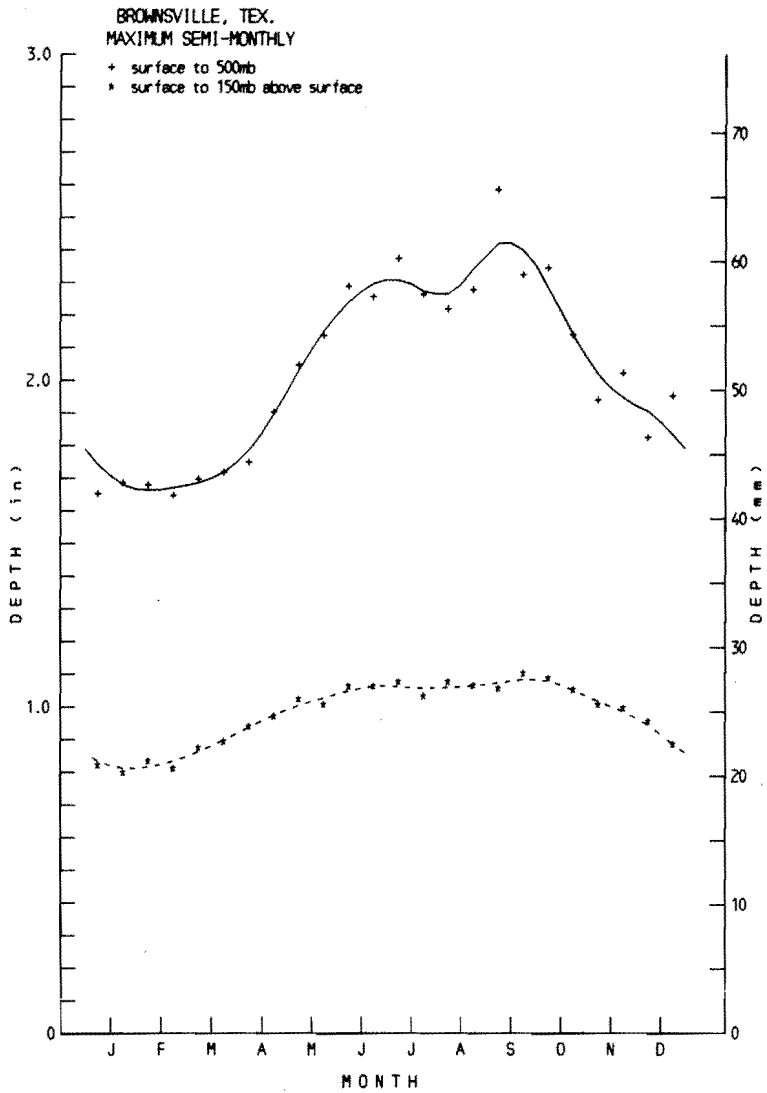
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.5575	(.6132)	69010512	1.0361	(.4079)	.2522	(.0993)	1.0819	(.4259)	.2752	(.1083)	JAN-1
2	1.6015	(.6305)	68012400	1.0049	(.3956)	.2720	(.1071)	1.0379	(.4086)	.2446	(.0963)	2
FEB-1	1.7242	(.6788)	51021015	1.0704	(.4214)	.2612	(.1028)	1.0751	(.4233)	.2243	(.0883)	FEB-1
2	1.5004	(.5907)	58022612	1.0425	(.4104)	.2101	(.0827)	.9801	(.3858)	.2872	(.1131)	2
MAR-1	1.7846	(.7026)	46031503	1.0318	(.4062)	.2816	(.1109)	1.0272	(.4044)	.2663	(.1048)	MAR-1
2	1.9172	(.7548)	46033003	1.2519	(.4929)	.2405	(.0947)	1.2752	(.5021)	.1841	(.0725)	2
APR-1	2.1770	(.8571)	67041400	1.4159	(.5575)	.3133	(.1234)	1.4345	(.5648)	.2426	(.0955)	APR-1
2	2.3315	(.9179)	71042112	1.7497	(.6889)	.2929	(.1153)	1.7644	(.6947)	.3312	(.1304)	2
MAY-1	2.9233	(1.1509)	47051115	2.0016	(.7880)	.2484	(.0978)	2.0463	(.8056)	.3113	(.1225)	MAY-1
2	3.5796	(1.4093)	56052803	2.5626	(1.0089)	.4238	(.1669)	2.4459	(.9630)	.3653	(.1438)	2
JUN-1	3.9743	(1.5647)	63060600	3.1317	(1.2330)	.4707	(.1853)	2.9307	(1.1538)	.3547	(.1396)	JUN-1
2	4.4600	(1.7559)	63062812	2.9538	(1.1629)	.4594	(.1809)	3.1234	(1.2297)	.3978	(.1566)	2
JUL-1	4.3861	(1.7268)	66070212	3.2711	(1.2878)	.3880	(.1528)	3.3542	(1.3205)	.4784	(.1884)	JUL-1
2	4.3251	(1.7028)	57071700	3.4464	(1.3568)	.4835	(.1904)	3.3924	(1.3356)	.3894	(.1533)	2
AUG-1	4.2733	(1.6824)	47081015	3.3259	(1.3094)	.4415	(.1738)	3.3416	(1.3156)	.3952	(.1556)	AUG-1
2	4.1801	(1.6457)	72082000	3.2870	(1.2941)	.4731	(.1863)	3.1051	(1.2225)	.4860	(.1914)	2
SEP-1	3.5804	(1.4096)	57090100	2.7801	(1.0945)	.4390	(.1728)	2.7003	(1.0631)	.3244	(.1277)	SEP-1
2	3.1880	(1.2551)	47091915	2.3474	(.9242)	.3859	(.1519)	2.3145	(.9112)	.4674	(.1840)	2
OCT-1	2.9845	(1.1750)	71100200	2.0018	(.7881)	.3885	(.1530)	2.0355	(.8014)	.3976	(.1565)	OCT-1
2	2.9309	(1.1539)	53102115	1.7987	(.7081)	.4287	(.1688)	1.7420	(.6858)	.3989	(.1571)	2
NOV-1	1.9936	(.7849)	64110112	1.3816	(.5439)	.2148	(.0846)	1.3705	(.5396)	.2205	(.0868)	NOV-1
2	1.7681	(.6961)	54111703	1.2644	(.4978)	.2024	(.0797)	1.2033	(.4738)	.1792	(.0705)	2
DEC-1	1.4277	(.5621)	59120212	1.1385	(.4482)	.1738	(.0684)	1.0816	(.4258)	.1959	(.0771)	DEC-1
2	1.6261	(.6402)	72122500	1.1277	(.4440)	.2123	(.0836)	1.1308	(.4452)	.2139	(.0842)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.7290	(.2870)	53011215	.4665	(.1837)	.0956	(.0376)	.4726	(.1861)	.1063	(.0418)	JAN-1
2	.6805	(.2679)	47012503	.4602	(.1812)	.1273	(.0501)	.4478	(.1763)	.1184	(.0466)	2
FEB-1	.7374	(.2903)	47021403	.4908	(.1932)	.1280	(.0504)	.4762	(.1875)	.1165	(.0459)	FEB-1
2	.7503	(.2954)	58022612	.5029	(.1980)	.0763	(.0301)	.4636	(.1825)	.1228	(.0484)	2
MAR-1	.9964	(.3923)	46031503	.4994	(.1966)	.1684	(.0663)	.4981	(.1961)	.1155	(.0455)	MAR-1
2	.9441	(.3717)	46033103	.6173	(.2430)	.1291	(.0508)	.6088	(.2397)	.0950	(.0374)	2
APR-1	.9682	(.3812)	67041312	.6793	(.2674)	.1228	(.0483)	.6780	(.2669)	.1146	(.0451)	APR-1
2	1.3559	(.5338)	51043015	.9039	(.3558)	.2077	(.0818)	.8827	(.3475)	.2364	(.0931)	2
MAY-1	1.3551	(.5335)	62051000	1.0252	(.4036)	.1669	(.0657)	1.0256	(.4038)	.1553	(.0611)	MAY-1
2	1.7422	(.6859)	72052200	1.3301	(.5237)	.2254	(.0888)	1.2125	(.4773)	.2083	(.0820)	2
JUN-1	2.2944	(.9033)	53061403	1.6622	(.6544)	.2281	(.0898)	1.5299	(.6023)	.1911	(.0752)	JUN-1
2	2.1339	(.8401)	63062812	1.6257	(.6400)	.2718	(.1070)	1.6116	(.6345)	.2253	(.0887)	2
JUL-1	2.2156	(.8723)	57071000	1.8580	(.7315)	.2019	(.0795)	1.7960	(.7071)	.2478	(.0975)	JUL-1
2	2.3477	(.9243)	53072803	1.8326	(.7215)	.2761	(.1087)	1.7443	(.6867)	.2113	(.0832)	2
AUG-1	2.2560	(.8882)	47081015	1.7589	(.6925)	.2471	(.0973)	1.6830	(.6626)	.2479	(.0976)	AUG-1
2	2.1341	(.8402)	55082603	1.7151	(.6752)	.2663	(.1049)	1.5915	(.6266)	.2161	(.0851)	2
SEP-1	2.0300	(.7992)	57090100	1.4507	(.5711)	.2590	(.1020)	1.3664	(.5379)	.2049	(.0807)	SEP-1
2	1.7158	(.6755)	55091803	1.1706	(.4609)	.2407	(.0948)	1.1423	(.4497)	.2351	(.0926)	2
OCT-1	1.4135	(.5565)	55100415	.9852	(.3879)	.1869	(.0736)	.9808	(.3861)	.2113	(.0832)	OCT-1
2	1.4211	(.5595)	53102115	.8614	(.3391)	.2079	(.0819)	.8246	(.3247)	.2203	(.0867)	2
NOV-1	1.0160	(.4000)	64110200	.6371	(.2508)	.1192	(.0469)	.6542	(.2576)	.1155	(.0455)	NOV-1
2	.8245	(.3246)	54111703	.5719	(.2252)	.0955	(.0376)	.5497	(.2164)	.0795	(.0313)	2
DEC-1	.6482	(.2552)	56121103	.4961	(.1953)	.0790	(.0311)	.4814	(.1895)	.0824	(.0325)	DEC-1
2	.6853	(.2698)	55122703	.4954	(.1950)	.1025	(.0404)	.4884	(.1923)	.0924	(.0364)	2

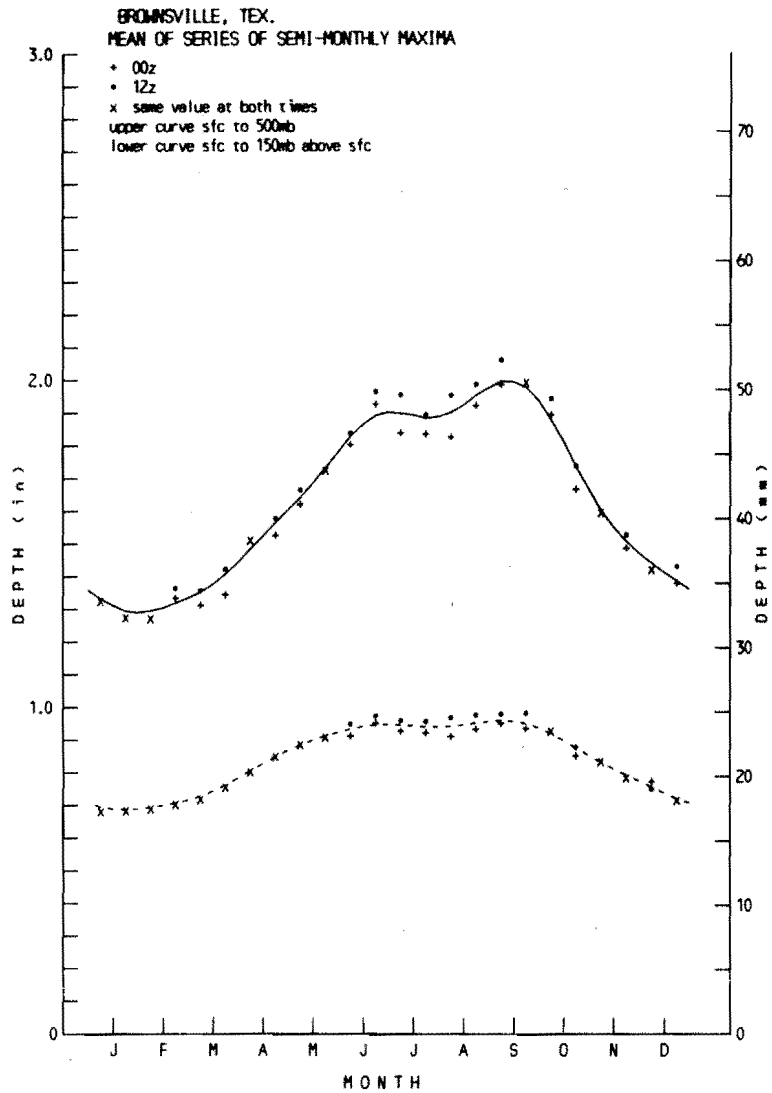

BOISE, IDA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
x surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


BOISE, IDA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

BOISE, IDA. 27 YEARS OF RECORD

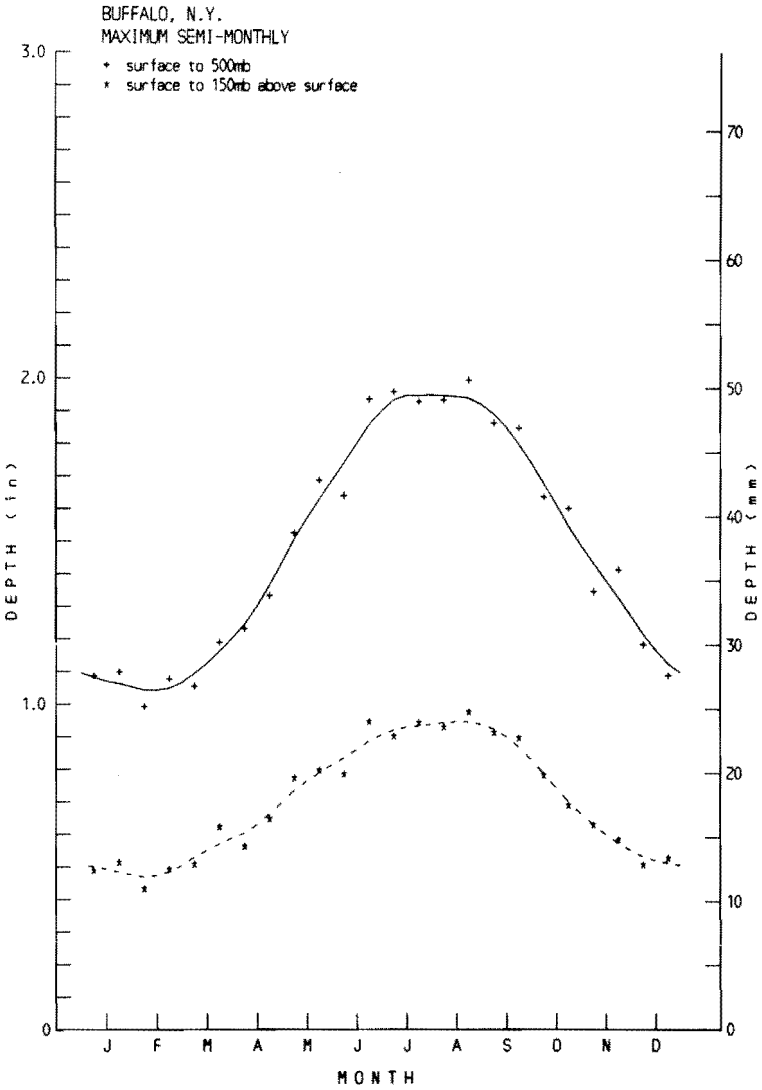
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.7948	(.7066)	66010700	1.2612	(.4965)	.2864	(.1128)	1.2869	(.5067)	.2660	(.1047)	JAN-1
2	2.1666	(.8530)	71011712	1.3775	(.5423)	.2780	(.1094)	1.3549	(.5334)	.3147	(.1239)	2
FEB-1	2.0719	(.8157)	71021012	1.3184	(.5191)	.2228	(.0877)	1.3222	(.5205)	.2773	(.1092)	FEB-1
2	1.9197	(.7558)	68022312	1.2357	(.4865)	.2760	(.1087)	1.2044	(.4742)	.3386	(.1333)	2
MAR-1	1.9241	(.7575)	66031312	1.2530	(.4933)	.2815	(.1108)	1.2269	(.4830)	.2943	(.1158)	MAR-1
2	1.7607	(.6932)	50039900	1.2721	(.5008)	.2027	(.0798)	1.2890	(.5075)	.1871	(.0737)	2
APR-1	1.8524	(.7293)	54049912	1.3747	(.5412)	.1669	(.0657)	1.4418	(.5676)	.2047	(.0806)	APR-1
2	1.9749	(.7775)	48049900	1.4825	(.5837)	.2982	(.1174)	1.4659	(.5771)	.2167	(.0853)	2
MAY-1	2.1361	(.8410)	49059912	1.6275	(.6407)	.2800	(.1103)	1.6388	(.6452)	.2593	(.1021)	MAY-1
2	2.5425	(1.0010)	56059900	1.8142	(.7142)	.2713	(.1068)	1.8367	(.7231)	.2978	(.1172)	2
JUN-1	2.7290	(1.0744)	72060912	2.0540	(.8087)	.3229	(.1271)	2.1184	(.8340)	.2272	(.0894)	JUN-1
2	2.9906	(1.1774)	67062112	2.1595	(.8502)	.3150	(.1240)	2.1108	(.8310)	.3747	(.1475)	2
JUL-1	2.9246	(1.1514)	70071012	2.0855	(.8211)	.3443	(.1355)	2.2126	(.8711)	.2752	(.1083)	JUL-1
2	3.2466	(1.2782)	67071712	2.2658	(.8921)	.4486	(.1766)	2.4415	(.9612)	.4832	(.1902)	2
AUG-1	3.1153	(1.2265)	65081212	2.1644	(.8521)	.4294	(.1690)	2.4092	(.9485)	.3970	(.1563)	AUG-1
2	3.1321	(1.2331)	65081912	2.0992	(.8265)	.3509	(.1382)	2.2402	(.8820)	.4225	(.1663)	2
SEP-1	3.1471	(1.2390)	63099912	2.0567	(.8097)	.4523	(.1781)	2.0793	(.8186)	.4658	(.1834)	SEP-1
2	2.5283	(.9954)	66092300	1.8633	(.7336)	.2868	(.1129)	1.9697	(.7755)	.2832	(.1115)	2
OCT-1	2.5761	(1.0142)	64109912	1.7798	(.7007)	.3136	(.1235)	1.7915	(.7053)	.3071	(.1209)	OCT-1
2	2.6769	(1.0539)	59109900	1.6546	(.6514)	.3046	(.1199)	1.6785	(.6608)	.2486	(.0979)	2
NOV-1	1.9766	(.7782)	58119900	1.5496	(.6101)	.2126	(.0837)	1.5036	(.5920)	.2666	(.1050)	NOV-1
2	2.0792	(.8186)	49119900	1.6140	(.6354)	.2765	(.1088)	1.5470	(.6091)	.2646	(.1042)	2
DEC-1	2.1608	(.8507)	58129900	1.3491	(.5312)	.2660	(.1047)	1.3840	(.5449)	.2444	(.0962)	DEC-1
2	1.9375	(.7628)	64129900	1.3784	(.5427)	.2396	(.0943)	1.3667	(.5381)	.2593	(.1021)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.8880	(.3496)	66010700	.6407	(.2522)	.1401	(.0552)	.6097	(.2401)	.1283	(.0505)	JAN-1
2	1.0074	(.3966)	71011912	.6819	(.2685)	.1524	(.0600)	.6625	(.2608)	.1640	(.0646)	2
FEB-1	.8994	(.3541)	71021012	.6524	(.2568)	.1019	(.0401)	.6466	(.2546)	.1138	(.0448)	FEB-1
2	.9853	(.3879)	72022812	.6464	(.2545)	.1385	(.0545)	.6424	(.2529)	.1527	(.0601)	2
MAR-1	.9357	(.3684)	54039912	.6374	(.2509)	.1393	(.0548)	.6256	(.2463)	.1294	(.0509)	MAR-1
2	.8456	(.3329)	72031800	.6719	(.2645)	.0932	(.0367)	.6668	(.2625)	.0836	(.0329)	2
APR-1	.9286	(.3656)	52049912	.7012	(.2761)	.1046	(.0412)	.7629	(.3003)	.1120	(.0441)	APR-1
2	1.0632	(.4186)	58049900	.7957	(.3133)	.1556	(.0612)	.7841	(.3087)	.1065	(.0419)	2
MAY-1	1.2476	(.4912)	66051012	.8426	(.3317)	.1323	(.0521)	.8704	(.3427)	.1603	(.0631)	MAY-1
2	1.3820	(.5441)	56059900	.9569	(.3767)	.1431	(.0563)	1.0030	(.3949)	.1097	(.0432)	2
JUN-1	1.3835	(.5447)	48069900	1.0542	(.4151)	.1629	(.0641)	1.0944	(.4309)	.1190	(.0469)	JUN-1
2	1.5316	(.6030)	58069900	1.1145	(.4388)	.1649	(.0649)	1.1327	(.4459)	.1884	(.0742)	2
JUL-1	1.4158	(.5574)	54079912	1.0382	(.4088)	.1644	(.0647)	1.1195	(.4408)	.1427	(.0562)	JUL-1
2	1.6096	(.6337)	55079912	1.1349	(.4468)	.2298	(.0905)	1.2102	(.4765)	.2157	(.0849)	2
AUG-1	1.5471	(.6091)	63089912	1.0857	(.4274)	.1917	(.0755)	1.2161	(.4788)	.1894	(.0746)	AUG-1
2	1.5695	(.6179)	65081912	1.0677	(.4204)	.1952	(.0768)	1.1232	(.4422)	.1851	(.0729)	2
SEP-1	1.5824	(.6230)	63099900	1.0459	(.4118)	.2038	(.0802)	1.0720	(.4221)	.1950	(.0768)	SEP-1
2	1.4168	(.5578)	66092300	.9779	(.3850)	.1678	(.0661)	.9803	(.3859)	.1404	(.0553)	2
OCT-1	1.2156	(.4786)	47109912	.8810	(.3469)	.1342	(.0528)	.9209	(.3625)	.1461	(.0575)	OCT-1
2	1.3647	(.5373)	59109912	.8350	(.3287)	.1363	(.0537)	.8247	(.3247)	.1478	(.0582)	2
NOV-1	1.0340	(.4071)	68110912	.7871	(.3099)	.1231	(.0485)	.7756	(.3054)	.1176	(.0463)	NOV-1
2	.9657	(.3802)	49119900	.7666	(.3018)	.1321	(.0520)	.7462	(.2938)	.1151	(.0453)	2
DEC-1	1.0513	(.4139)	58129900	.6832	(.2690)	.1382	(.0544)	.6630	(.2610)	.1031	(.0406)	DEC-1
2	.9185	(.3616)	64129900	.6774	(.2667)	.1156	(.0455)	.6666	(.2624)	.1220	(.0480)	2

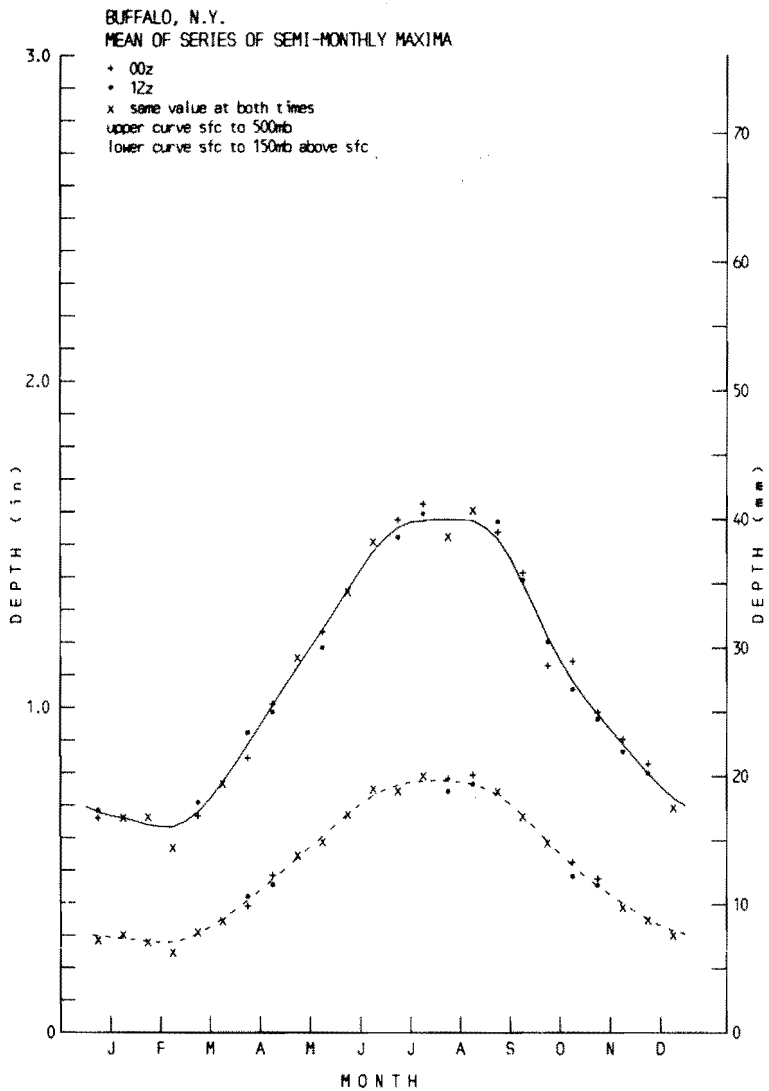

BROWNSVILLE, TEX.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


BROWNSVILLE, TEX.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

BROWNSVILLE, TEX. 27 YEARS OF RECORD

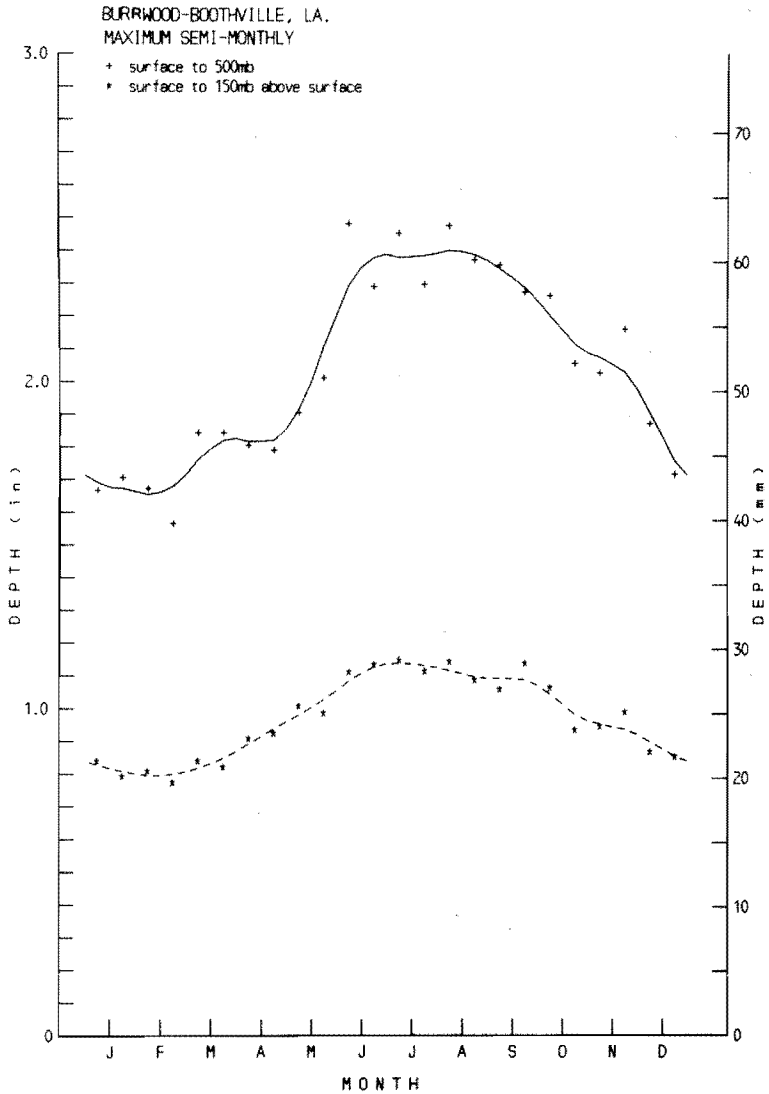
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	4.1951	(1.6516)	55011303	3.3733	(1.3281)	.4794	(.1887)	3.3742	(1.3284)	.3664	(.1442)	JAN-1
2	4.2786	(1.6845)	49012103	3.2243	(1.2694)	.3684	(.1450)	3.2692	(1.2871)	.3712	(.1462)	2
FEB-1	4.2634	(1.6785)	69021400	3.2365	(1.2742)	.4519	(.1779)	3.2418	(1.2763)	.4807	(.1893)	FEB-1
2	4.1801	(1.6457)	46021715	3.3858	(1.3330)	.4029	(.1586)	3.4621	(1.3630)	.3667	(.1444)	2
MAR-1	4.3081	(1.6961)	62031412	3.3302	(1.3111)	.3735	(.1470)	3.4440	(1.3559)	.3515	(.1384)	MAR-1
2	4.3607	(1.7168)	53031815	3.4133	(1.3438)	.4699	(.1850)	3.6108	(1.4216)	.3468	(.1365)	2
APR-1	4.4394	(1.7478)	54041515	3.8549	(1.5177)	.2922	(.1150)	3.8416	(1.5124)	.3499	(.1378)	APR-1
2	4.8283	(1.9009)	63043012	3.8741	(1.5252)	.4533	(.1785)	4.0067	(1.5774)	.4753	(.1871)	2
MAY-1	5.1928	(2.0444)	72051012	4.1161	(1.6205)	.4346	(.1711)	4.2280	(1.6646)	.4180	(.1646)	MAY-1
2	5.4232	(2.1351)	68052000	4.4005	(1.7325)	.4238	(.1669)	4.3817	(1.7251)	.2919	(.1149)	2
JUN-1	5.8064	(2.2860)	58061500	4.5773	(1.8021)	.7287	(.2869)	4.6669	(1.8374)	.5700	(.2244)	JUN-1
2	5.7259	(2.2543)	70062412	4.8920	(1.9260)	.3377	(.1330)	4.9920	(1.9654)	.3511	(.1382)	2
JUL-1	6.0236	(2.3715)	70071512	4.6665	(1.8372)	.5146	(.2026)	4.9644	(1.9545)	.4530	(.1784)	JUL-1
2	5.7429	(2.2610)	49072415	4.6584	(1.8340)	.4764	(.1876)	4.8085	(1.8931)	.3461	(.1363)	2
AUG-1	5.6297	(2.2164)	71080312	4.6341	(1.8244)	.3844	(.1513)	4.9599	(1.9527)	.4042	(.1591)	AUG-1
2	5.7785	(2.2750)	69082112	4.8794	(1.9210)	.4286	(.1687)	5.0436	(1.9857)	.3599	(.1417)	2
SEP-1	6.5585	(2.5821)	52091115	5.0390	(1.9839)	.4425	(.1742)	5.2344	(2.0608)	.5133	(.2021)	SEP-1
2	5.8948	(2.3208)	58092012	5.0516	(1.9888)	.5028	(.1979)	5.0890	(2.0036)	.5416	(.2132)	2
OCT-1	5.9487	(2.3420)	46101415	4.8075	(1.8927)	.5105	(.2010)	4.9322	(1.9418)	.4757	(.1873)	OCT-1
2	5.4290	(2.1374)	71101612	4.2295	(1.6652)	.6228	(.2452)	4.4108	(1.7365)	.7055	(.2777)	2
NOV-1	4.9212	(1.9375)	61111400	4.0484	(1.5938)	.5761	(.2268)	4.0736	(1.6038)	.4897	(.1928)	NOV-1
2	5.1280	(2.0189)	48111615	3.7707	(1.4845)	.6414	(.2525)	3.8750	(1.5256)	.4717	(.1857)	2
DEC-1	4.6307	(1.8231)	47121003	3.6178	(1.4243)	.4710	(.1854)	3.6134	(1.4226)	.3773	(.1486)	DEC-1
2	4.9525	(1.9498)	65121812	3.4972	(1.3769)	.4374	(.1722)	3.6286	(1.4286)	.4850	(.1909)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	2.0841	(.8205)	52010215	1.7188	(.6767)	.1997	(.0786)	1.7567	(.6916)	.1891	(.0744)	JAN-1
2	2.0272	(.7981)	54012603	1.7629	(.6941)	.1909	(.0751)	1.7280	(.6803)	.2095	(.0825)	2
FEB-1	2.1148	(.8326)	65020912	1.7444	(.6868)	.1992	(.0784)	1.7757	(.6991)	.2087	(.0822)	FEB-1
2	2.0571	(.8099)	62022212	1.7876	(.7038)	.1719	(.0677)	1.8037	(.7101)	.1816	(.0715)	2
MAR-1	2.2177	(.8731)	49031403	1.8371	(.7233)	.1634	(.0643)	1.8297	(.7204)	.1269	(.0500)	MAR-1
2	2.2664	(.8923)	49032415	1.9221	(.7568)	.1393	(.0548)	1.9365	(.7624)	.1415	(.0557)	2
APR-1	2.3851	(.9390)	47041215	2.0432	(.8044)	.1387	(.0546)	2.0575	(.8101)	.1465	(.0577)	APR-1
2	2.4628	(.9696)	72042800	2.1749	(.8563)	.1365	(.0537)	2.1590	(.8500)	.1333	(.0525)	2
MAY-1	2.5979	(1.0228)	72051212	2.2404	(.8821)	.1899	(.0747)	2.2767	(.8963)	.1374	(.0541)	MAY-1
2	2.5547	(1.0058)	46052003	2.2938	(.9031)	.1620	(.0638)	2.3398	(.9212)	.1144	(.0450)	2
JUN-1	2.6970	(1.0618)	58061500	2.3164	(.9120)	.1850	(.0728)	2.4090	(.9484)	.1229	(.0484)	JUN-1
2	2.6985	(1.0624)	49062515	2.4157	(.9511)	.1231	(.0485)	2.4720	(.9732)	.1068	(.0421)	2
JUL-1	2.7320	(1.0756)	56070203	2.3528	(.9263)	.1629	(.0641)	2.4349	(.9586)	.1144	(.0451)	JUL-1
2	2.6203	(1.0316)	70072612	2.3392	(.9209)	.1135	(.0447)	2.4296	(.9565)	.0972	(.0383)	2
AUG-1	2.7318	(1.0755)	46080415	2.3117	(.9101)	.1259	(.0496)	2.4571	(.9674)	.1045	(.0411)	AUG-1
2	2.7036	(1.0644)	46081915	2.3670	(.9319)	.1264	(.0498)	2.4777	(.9755)	.1000	(.0394)	2
SEP-1	2.6810	(1.0555)	46091115	2.4138	(.9503)	.1218	(.0479)	2.4853	(.9785)	.1075	(.0423)	SEP-1
2	2.7958	(1.1007)	58092412	2.3726	(.9341)	.1519	(.0598)	2.4910	(.9807)	.1356	(.0534)	2
OCT-1	2.7597	(1.0865)	46101103	2.3466	(.9239)	.1900	(.0748)	2.3821	(.9378)	.1415	(.0557)	OCT-1
2	2.6706	(1.0514)	70102712	2.1595	(.8502)	.2381	(.0937)	2.2268	(.8767)	.2405	(.0947)	2
NOV-1	2.5550	(1.0059)	59110100	2.1152	(.8328)	.2081	(.0819)	2.1404	(.8427)	.1849	(.0728)	NOV-1
2	2.5283	(.9954)	58111800	1.9766	(.7782)	.2462	(.0969)	2.0259	(.7976)	.1719	(.0677)	2
DEC-1	2.4221	(.9536)	72121000	1.9581	(.7709)	.2025	(.0797)	1.8996	(.7479)	.1714	(.0675)	DEC-1
2	2.2456	(.8841)	48121703	1.8312	(.7209)	.1730	(.0681)	1.8176	(.7156)	.2000	(.0787)	2

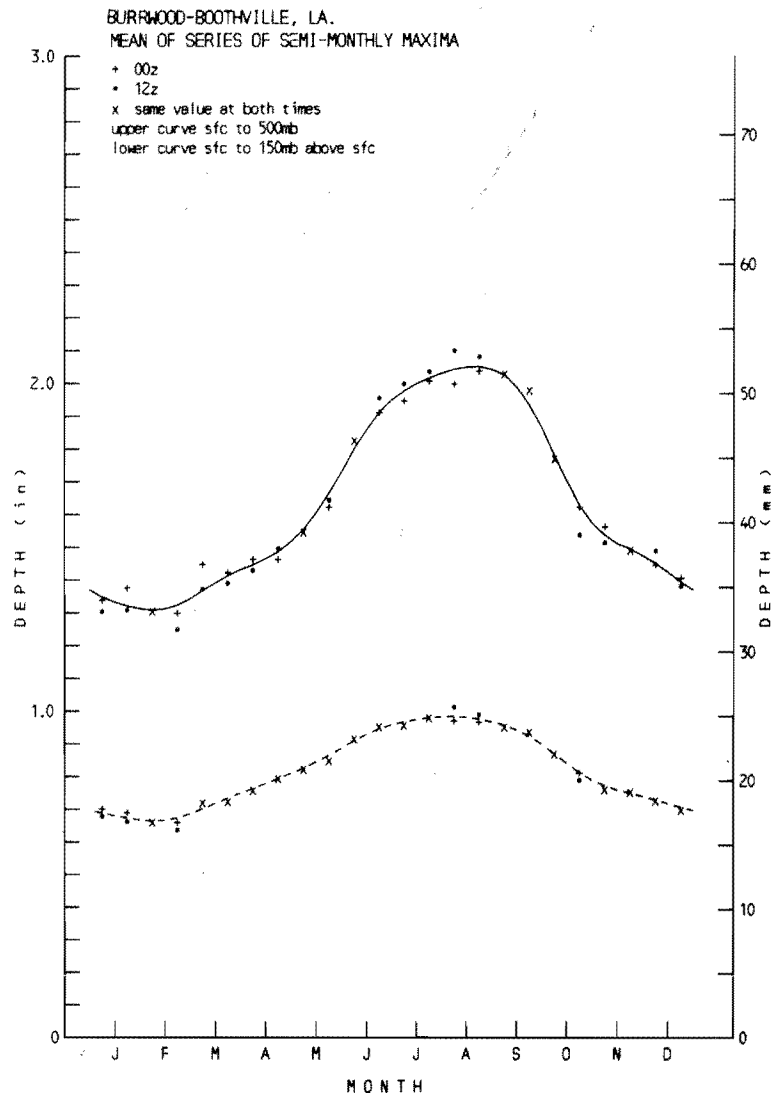

BUFFALO, N.Y.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


BUFFALO, N.Y.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

BUFFALO, N.Y. 27 YEARS OF RECORD

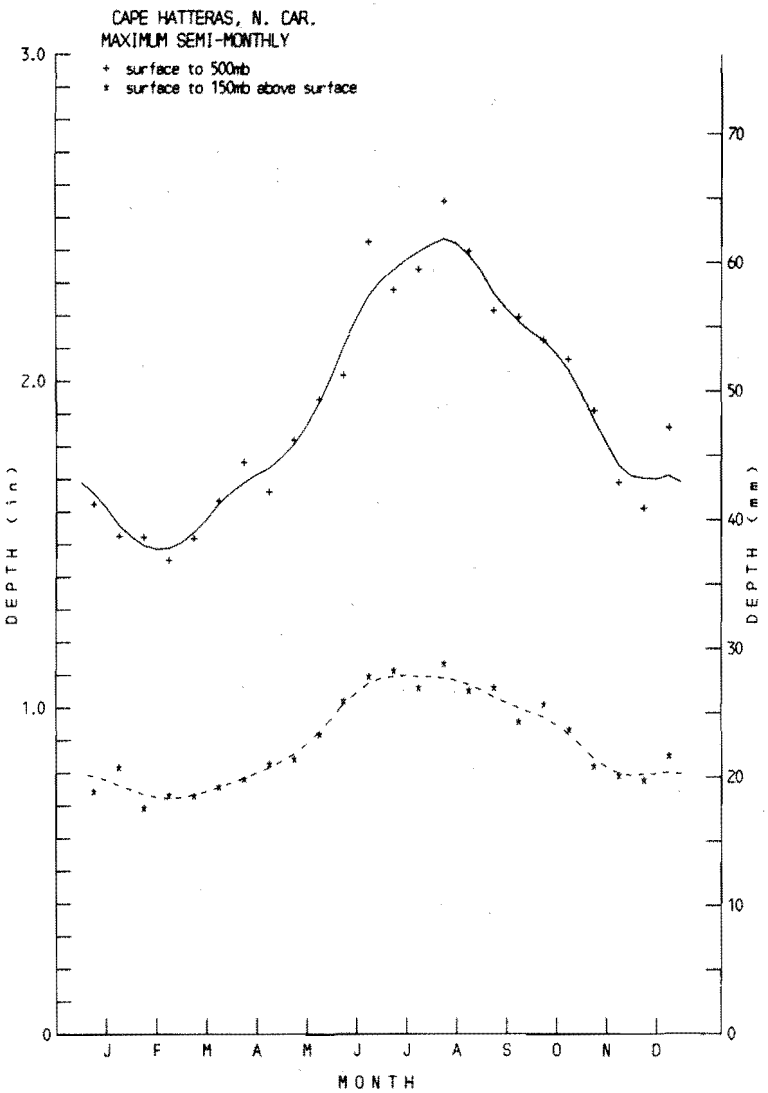
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.7569	(1.0854)	50010415	1.6728	(.6586)	.6014	(.2368)	1.7339	(.6826)	.5460	(.2150)	JAN-1
2	2.7864	(1.0970)	59012200	1.6785	(.6608)	.5303	(.2088)	1.6990	(.6689)	.5535	(.2179)	2
FEB-1	2.5166	(.9908)	48021403	1.6940	(.6669)	.5168	(.2035)	1.6939	(.6669)	.4422	(.1741)	FEB-1
2	2.7297	(1.0747)	54021603	1.4619	(.5756)	.5227	(.2058)	1.4462	(.5694)	.4978	(.1960)	2
MAR-1	2.6759	(1.0535)	57031203	1.6882	(.6646)	.5229	(.2059)	1.7952	(.7068)	.5194	(.2045)	MAR-1
2	3.0180	(1.1882)	49032703	1.9355	(.7620)	.5665	(.2230)	1.9711	(.7760)	.4967	(.1956)	2
APR-1	3.1255	(1.2305)	67041500	2.1404	(.8427)	.6081	(.2394)	2.3390	(.9209)	.3754	(.1478)	APR-1
2	3.3835	(1.3321)	63042000	2.5607	(1.0082)	.4950	(.1949)	2.4992	(.9840)	.4126	(.1624)	2
MAY-1	3.8705	(1.5238)	56051403	2.9556	(1.1636)	.4969	(.1956)	2.9156	(1.1479)	.3730	(.1468)	MAY-1
2	4.2799	(1.6850)	56053103	3.1241	(1.2300)	.4299	(.1693)	3.0019	(1.1818)	.4249	(.1673)	2
JUN-1	4.1603	(1.6379)	49061403	3.4630	(1.3634)	.3621	(.1426)	3.4359	(1.3527)	.3978	(.1566)	JUN-1
2	4.9129	(1.9342)	48062403	3.8352	(1.5099)	.4709	(.1854)	3.8428	(1.5129)	.4886	(.1924)	2
JUL-1	4.9700	(1.9567)	70070200	3.9953	(1.5730)	.4782	(.1883)	3.8607	(1.5200)	.4962	(.1954)	JUL-1
2	4.8938	(1.9267)	70073112	4.1177	(1.6211)	.4127	(.1625)	4.0432	(1.5918)	.5146	(.2026)	2
AUG-1	4.9075	(1.9321)	55081403	3.8533	(1.5170)	.4129	(.1626)	3.9008	(1.5357)	.4422	(.1741)	AUG-1
2	5.0620	(1.9929)	59082412	4.0859	(1.6086)	.4894	(.1927)	4.0771	(1.6052)	.4716	(.1857)	2
SEP-1	4.7272	(1.8611)	54090515	3.8966	(1.5341)	.4618	(.1818)	3.9806	(1.5672)	.4098	(.1613)	SEP-1
2	4.6878	(1.8456)	46092403	3.5826	(1.4105)	.5881	(.2315)	3.5256	(1.3880)	.5560	(.2189)	2
OCT-1	4.1537	(1.6353)	59100600	2.8607	(1.1263)	.6356	(.2502)	3.0455	(1.1990)	.5535	(.2179)	OCT-1
2	4.0632	(1.5997)	68101900	2.8952	(1.1398)	.5003	(.1970)	2.6775	(1.0541)	.5820	(.2291)	2
NOV-1	3.4148	(1.3444)	56110103	2.4964	(.9828)	.4641	(.1827)	2.4434	(.9620)	.4281	(.1686)	NOV-1
2	3.5839	(1.4110)	58111800	2.2855	(.8998)	.5455	(.2148)	2.1888	(.8617)	.5248	(.2066)	2
DEC-1	3.0015	(1.1817)	49121203	2.0938	(.8243)	.4793	(.1887)	2.0216	(.7959)	.4286	(.1688)	DEC-1
2	2.7597	(1.0865)	67122200	1.7553	(.6911)	.5316	(.2093)	1.7708	(.6972)	.5272	(.2076)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.2385	(.4876)	50010403	.7372	(.2902)	.2762	(.1087)	.7283	(.2867)	.2419	(.0952)	JAN-1
2	1.3010	(.5122)	59012200	.7703	(.3033)	.2743	(.1080)	.7775	(.3061)	.2379	(.0937)	2
FEB-1	1.0947	(.4310)	54021515	.7224	(.2844)	.2058	(.0810)	.7084	(.2789)	.1878	(.0739)	FEB-1
2	1.2443	(.4899)	61022312	.6457	(.2542)	.2283	(.0899)	.6228	(.2452)	.2188	(.0861)	2
MAR-1	1.2868	(.5066)	72030212	.7781	(.3063)	.2284	(.0899)	.8073	(.3179)	.2539	(.0999)	MAR-1
2	1.5778	(.6212)	48032115	.8686	(.3420)	.2622	(.1032)	.8961	(.3528)	.2810	(.1106)	2
APR-1	1.4257	(.5613)	63040400	.9825	(.3868)	.2697	(.1062)	1.0590	(.4169)	.2102	(.0827)	APR-1
2	1.6386	(.6451)	57042403	1.2247	(.4821)	.2116	(.0833)	1.1511	(.4532)	.1961	(.0772)	2
MAY-1	1.9586	(.7711)	56051403	1.4144	(.5568)	.2519	(.0992)	1.3741	(.5410)	.2220	(.0874)	MAY-1
2	2.0208	(.7956)	56053103	1.5169	(.5972)	.2149	(.0846)	1.4837	(.5842)	.2134	(.0840)	2
JUN-1	1.9898	(.7834)	53060903	1.7386	(.6845)	.1471	(.0579)	1.6882	(.6647)	.1379	(.0543)	JUN-1
2	2.3995	(.9447)	48062403	1.9321	(.7607)	.2424	(.0954)	1.8928	(.7452)	.2187	(.0861)	2
JUL-1	2.2863	(.9001)	70070200	1.9167	(.7546)	.1797	(.0708)	1.8772	(.7390)	.1778	(.0700)	JUL-1
2	2.3927	(.9420)	55072715	2.0074	(.7903)	.1728	(.0680)	2.0240	(.7969)	.2075	(.0817)	2
AUG-1	2.3589	(.9287)	55080115	1.9791	(.7792)	.1760	(.0693)	1.8813	(.7407)	.1971	(.0776)	AUG-1
2	2.4780	(.9756)	68082400	2.0084	(.7907)	.2220	(.0874)	1.9372	(.7627)	.1729	(.0681)	2
SEP-1	2.3150	(.9114)	59091000	1.8928	(.7452)	.2010	(.0791)	1.8917	(.7448)	.1866	(.0735)	SEP-1
2	2.2733	(.8950)	70092212	1.6899	(.6653)	.2973	(.1171)	1.7061	(.6717)	.2821	(.1111)	2
OCT-1	1.9832	(.7808)	54100403	1.4789	(.5823)	.2898	(.1141)	1.5053	(.5927)	.2417	(.0952)	OCT-1
2	1.7475	(.6880)	68101900	1.3284	(.5230)	.2177	(.0857)	1.2179	(.4795)	.2531	(.0996)	2
NOV-1	1.5936	(.6274)	71110212	1.1993	(.4722)	.2058	(.0810)	1.1476	(.4518)	.1990	(.0783)	NOV-1
2	1.4770	(.5815)	58111800	1.0023	(.3946)	.2313	(.0911)	.9732	(.3832)	.2521	(.0992)	2
DEC-1	1.2817	(.5046)	49121203	.9075	(.3573)	.1998	(.0787)	.8716	(.3432)	.1856	(.0731)	DEC-1
2	1.3345	(.5254)	67121900	.7776	(.3061)	.2483	(.0978)	.7642	(.3009)	.2244	(.0883)	2


BURRWOOD-BOOTHVILLE, LA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


BURRWOOD-BOOTHVILLE, LA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

BURRWOOD-BOOTHVILLE, LA. 23 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	4.2314	(1.6659)	50019912	3.3961	(1.3370)	.5021	(.1977)	3.3097	(1.3030)	.4417	(.1739)	JAN-1
2	4.3292	(1.7044)	60019900	3.4916	(1.3747)	.3982	(.1568)	3.3201	(1.3071)	.4144	(.1632)	2
FEB-1	4.2438	(1.6708)	50029912	3.2984	(1.2986)	.4335	(.1707)	3.3458	(1.3172)	.4775	(.1880)	FEB-1
2	3.9741	(1.5646)	64029912	3.2959	(1.2976)	.4001	(.1575)	3.1693	(1.2478)	.3651	(.1437)	2
MAR-1	4.6784	(1.8419)	58039900	3.6754	(1.4470)	.4507	(.1774)	3.4836	(1.3715)	.3940	(.1551)	MAR-1
2	4.6754	(1.8407)	69031800	3.6112	(1.4217)	.4504	(.1773)	3.5300	(1.3898)	.4511	(.1776)	2
APR-1	4.5786	(1.8026)	53049912	3.7157	(1.4629)	.4319	(.1701)	3.6295	(1.4290)	.5546	(.2183)	APR-1
2	4.5408	(1.7877)	53049912	3.7143	(1.4623)	.4019	(.1582)	3.7978	(1.4952)	.3152	(.1241)	2
MAY-1	4.8334	(1.9029)	53059912	3.9363	(1.5497)	.4551	(.1792)	3.9398	(1.5511)	.4418	(.1739)	MAY-1
2	5.1021	(2.0087)	66052212	4.1185	(1.6215)	.4340	(.1709)	4.1735	(1.6431)	.4499	(.1771)	2
JUN-1	6.2984	(2.4797)	58069912	4.6385	(1.8262)	.5256	(.2069)	4.6542	(1.8324)	.4676	(.1841)	JUN-1
2	5.8108	(2.2877)	58069912	4.8510	(1.9098)	.4010	(.1579)	4.9644	(1.9545)	.3715	(.1463)	2
JUL-1	6.2238	(2.4503)	69070600	4.9429	(1.9460)	.4036	(.1589)	5.0752	(1.9981)	.4671	(.1839)	JUL-1
2	5.8293	(2.2950)	66072112	5.0949	(2.0059)	.3453	(.1359)	5.1684	(2.0348)	.3081	(.1213)	2
AUG-1	6.2829	(2.4736)	59089912	5.0727	(1.9971)	.2050	(.0807)	5.3306	(2.0987)	.3675	(.1447)	AUG-1
2	6.0183	(2.3694)	59089900	5.1724	(2.0364)	.3529	(.1389)	5.2847	(2.0806)	.2204	(.0868)	2
SEP-1	5.9774	(2.3533)	71090400	5.1388	(2.0231)	.3992	(.1572)	5.1876	(2.0424)	.2634	(.1037)	SEP-1
2	5.7676	(2.2707)	54099912	5.0591	(1.9918)	.3633	(.1430)	5.0125	(1.9734)	.4179	(.1645)	2
OCT-1	5.7409	(2.2602)	66101000	4.4812	(1.7642)	.7269	(.2862)	4.5318	(1.7842)	.6531	(.2571)	OCT-1
2	5.2156	(2.0534)	58109900	4.1197	(1.6219)	.7550	(.2973)	3.9037	(1.5369)	.6277	(.2471)	2
NOV-1	5.1417	(2.0243)	61119912	3.9665	(1.5616)	.5924	(.2332)	3.8450	(1.5138)	.7350	(.2894)	NOV-1
2	5.4808	(2.1578)	48119900	3.7978	(1.4952)	.6335	(.2494)	3.7983	(1.4954)	.5925	(.2333)	2
DEC-1	4.7495	(1.8699)	72120600	3.6705	(1.4451)	.5493	(.2162)	3.7802	(1.4883)	.4486	(.1766)	DEC-1
2	4.3586	(1.7160)	68122112	3.5680	(1.4047)	.4273	(.1682)	3.5070	(1.3807)	.5361	(.2111)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	2.1303	(.8387)	72010500	1.7780	(.7000)	.1903	(.0749)	1.7192	(.6768)	.1970	(.0775)	JAN-1
2	2.0107	(.7916)	59019900	1.7486	(.6884)	.2479	(.0976)	1.6778	(.6605)	.2386	(.0939)	2
FEB-1	2.0523	(.8080)	51029900	1.6835	(.6628)	.1905	(.0750)	1.6862	(.6638)	.2667	(.1050)	FEB-1
2	1.9634	(.7730)	48029900	1.6720	(.6583)	.2129	(.0838)	1.6137	(.6353)	.1970	(.0776)	2
MAR-1	2.1303	(.8387)	56039900	1.8394	(.7242)	.1886	(.0743)	1.8324	(.7214)	.1451	(.0571)	MAR-1
2	2.0851	(.8209)	69032400	1.8613	(.7328)	.1543	(.0608)	1.8316	(.7211)	.1721	(.0678)	2
APR-1	2.3050	(.9075)	53049912	1.9555	(.7699)	.1711	(.0673)	1.9137	(.7534)	.2009	(.0791)	APR-1
2	2.3465	(.9238)	53049900	2.0241	(.7969)	.1661	(.0654)	2.0280	(.7984)	.1562	(.0615)	2
MAY-1	2.5570	(1.0067)	64059912	2.0815	(.8195)	.1652	(.0650)	2.1179	(.8338)	.1732	(.0682)	MAY-1
2	2.5037	(.9857)	55059912	2.1500	(.8465)	.1744	(.0687)	2.1794	(.8580)	.1575	(.0620)	2
JUN-1	2.8232	(1.1115)	58069912	2.3176	(.9124)	.1293	(.0509)	2.3524	(.9261)	.1472	(.0579)	JUN-1
2	2.8806	(1.1341)	53069900	2.4077	(.9479)	.1870	(.0736)	2.4528	(.9657)	.1329	(.0523)	2
JUL-1	2.9174	(1.1486)	57079912	2.4281	(.9559)	.1087	(.0428)	2.4533	(.9659)	.1360	(.0535)	JUL-1
2	2.8293	(1.1139)	54079912	2.4954	(.9824)	.1328	(.0523)	2.5038	(.9857)	.1227	(.0483)	2
AUG-1	2.9040	(1.1433)	51089912	2.4642	(.9702)	.1137	(.0448)	2.5706	(1.0121)	.1152	(.0453)	AUG-1
2	2.7615	(1.0872)	51089900	2.4521	(.9654)	.1143	(.0450)	2.5116	(.9888)	.0757	(.0298)	2
SEP-1	2.6909	(1.0594)	51099912	2.4275	(.9557)	.1000	(.0394)	2.4251	(.9547)	.1071	(.0422)	SEP-1
2	2.8908	(1.1381)	58099900	2.3753	(.9352)	.1765	(.0695)	2.3987	(.9444)	.1477	(.0582)	2
OCT-1	2.7013	(1.0635)	64109912	2.2077	(.8692)	.2164	(.0852)	2.2276	(.8770)	.2319	(.0913)	OCT-1
2	2.3739	(.9346)	66101812	2.0592	(.8107)	.2095	(.0825)	2.0017	(.7881)	.1998	(.0787)	2
NOV-1	2.4006	(.9451)	61119912	1.9332	(.7611)	.2419	(.0952)	1.9508	(.7680)	.2811	(.1107)	NOV-1
2	2.5128	(.9893)	48119900	1.9401	(.7638)	.2223	(.0875)	1.9047	(.7499)	.1796	(.0707)	2
DEC-1	2.2042	(.8678)	72120600	1.8565	(.7309)	.2126	(.0837)	1.8518	(.7290)	.2085	(.0821)	DEC-1
2	2.1674	(.8533)	71121612	1.7938	(.7062)	.2062	(.0812)	1.7684	(.6962)	.2341	(.0922)	2


CAPE HATTERAS, N. CAR.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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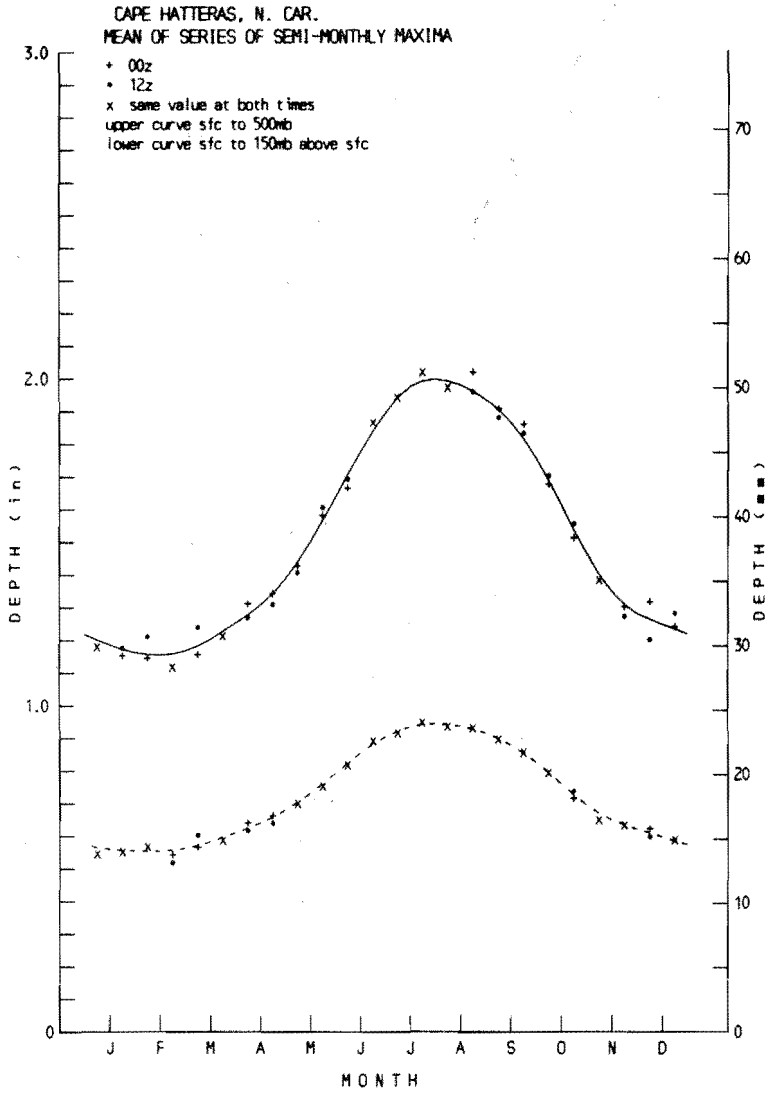
CAPE HATTERAS, N. CAR.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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2.0
3.0
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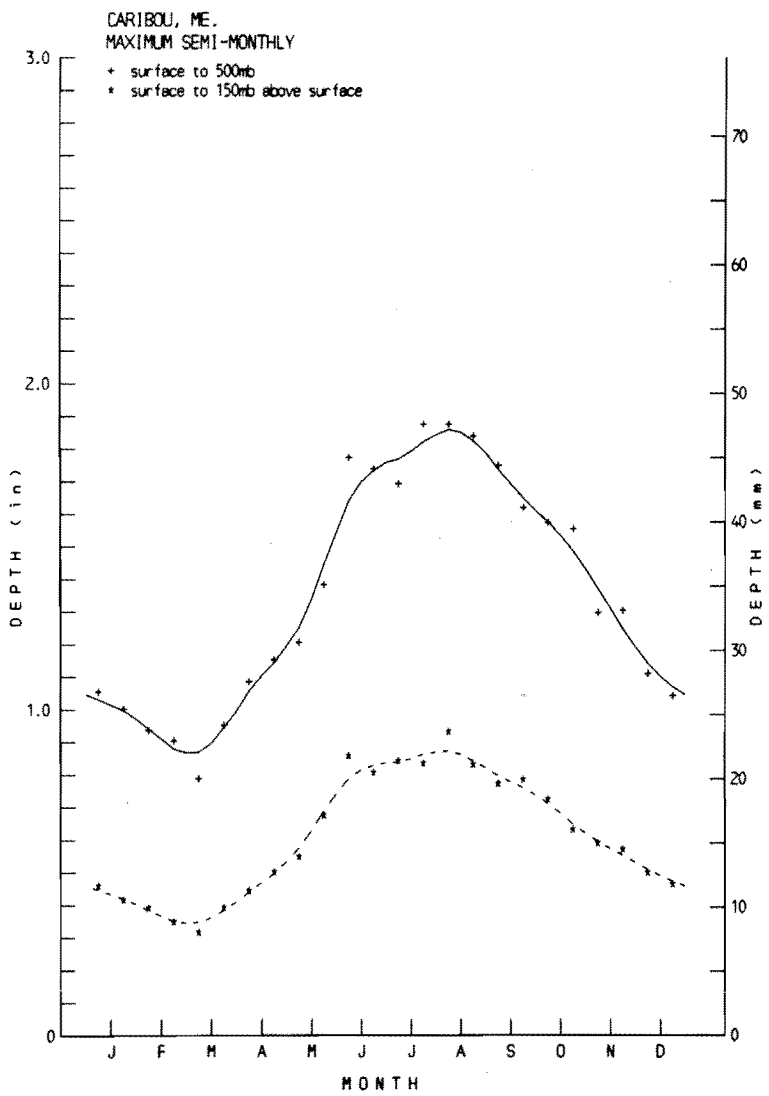
CAPE HATTERAS, N. CAR. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	4.1196	(1.6219)	49019900	2.9884	(1.1765)	.4967	(.1956)	3.0229	(1.1901)	.6245	(.2459)	JAN-1
2	3.8707	(1.5239)	65012412	2.9248	(1.1515)	.5784	(.2277)	2.9830	(1.1744)	.6207	(.2444)	2
FEB-1	3.8646	(1.5215)	60029900	2.9047	(1.1436)	.6763	(.2663)	3.0724	(1.2096)	.4795	(.1888)	FEB-1
2	3.6850	(1.4508)	46029900	2.8500	(1.1220)	.4766	(.1876)	2.8465	(1.1207)	.5281	(.2079)	2
MAR-1	3.8529	(1.5169)	61039912	2.9330	(1.1547)	.4906	(.1931)	3.1438	(1.2377)	.3727	(.1467)	MAR-1
2	4.1455	(1.6321)	52039900	3.0708	(1.2090)	.4789	(.1885)	3.1103	(1.2245)	.4510	(.1775)	2
APR-1	4.4468	(1.7507)	47049900	3.3285	(1.3104)	.4378	(.1723)	3.2201	(1.2678)	.3989	(.1570)	APR-1
2	4.2174	(1.6604)	70042900	3.4069	(1.3413)	.3778	(.1487)	3.3222	(1.3080)	.3274	(.1289)	2
MAY-1	4.6172	(1.8178)	68051300	3.6222	(1.4261)	.4494	(.1769)	3.5691	(1.4052)	.3870	(.1523)	MAY-1
2	4.9327	(1.9420)	47059912	4.0137	(1.5802)	.3196	(.1258)	4.0759	(1.6047)	.3711	(.1461)	2
JUN-1	5.1184	(2.0151)	46069912	4.2269	(1.6641)	.3583	(.1410)	4.2980	(1.6921)	.4196	(.1652)	JUN-1
2	6.1562	(2.4237)	51069900	4.7679	(1.8771)	.4206	(.1656)	4.7268	(1.8610)	.4251	(.1673)	2
JUL-1	5.7849	(2.2775)	69071212	4.9213	(1.9375)	.3210	(.1264)	4.9654	(1.9549)	.3179	(.1252)	JUL-1
2	5.9416	(2.3392)	69072400	5.1245	(2.0175)	.3814	(.1501)	5.1478	(2.0267)	.2266	(.0892)	2
AUG-1	6.4737	(2.5487)	70080100	5.0255	(1.9786)	.4209	(.1657)	5.0072	(1.9713)	.2924	(.1151)	AUG-1
2	6.0851	(2.3957)	64089900	5.1202	(2.0158)	.3914	(.1541)	4.9689	(1.9563)	.3591	(.1414)	2
SEP-1	5.6261	(2.2150)	52099912	4.8385	(1.9049)	.3471	(.1366)	4.7686	(1.8774)	.4626	(.1821)	SEP-1
2	5.5745	(2.1947)	55099912	4.7167	(1.8570)	.4286	(.1688)	4.6480	(1.8299)	.4731	(.1863)	2
OCT-1	5.3955	(2.1242)	71100100	4.2524	(1.6742)	.6836	(.2691)	4.3188	(1.7003)	.5927	(.2333)	OCT-1
2	5.2451	(2.0650)	68101912	3.8364	(1.5104)	.5624	(.2214)	3.9453	(1.5533)	.4285	(.1687)	2
NOV-1	4.8473	(1.9084)	48119912	3.5438	(1.3952)	.5733	(.2257)	3.5013	(1.3785)	.6748	(.2657)	NOV-1
2	4.2893	(1.6887)	48119912	3.3001	(1.2993)	.5110	(.2012)	3.2271	(1.2705)	.5666	(.2231)	2
DEC-1	4.0884	(1.6096)	69121100	3.3383	(1.3143)	.4287	(.1688)	3.0465	(1.1994)	.6886	(.2711)	DEC-1
2	4.7135	(1.8557)	72122212	3.1463	(1.2387)	.5333	(.2100)	3.2491	(1.2792)	.6087	(.2396)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.8844	(.7419)	72011412	1.4013	(.5517)	.2243	(.0883)	1.3875	(.5462)	.2709	(.1067)	JAN-1
2	2.0721	(.8158)	47019900	1.4137	(.5566)	.2896	(.1140)	1.4062	(.5536)	.3089	(.1216)	2
FEB-1	1.7562	(.6914)	60029900	1.4269	(.5618)	.2445	(.0963)	1.4739	(.5803)	.1871	(.0737)	FEB-1
2	1.8542	(.7300)	61029912	1.3748	(.5413)	.2545	(.1002)	1.3125	(.5167)	.2914	(.1147)	2
MAR-1	1.8514	(.7289)	61039900	1.4327	(.5640)	.3004	(.1183)	1.5266	(.6010)	.2208	(.0869)	MAR-1
2	1.9205	(.7561)	52039912	1.5045	(.5923)	.1881	(.0740)	1.4959	(.5890)	.2374	(.0935)	2
APR-1	1.9820	(.7803)	60049900	1.6232	(.6391)	.1843	(.0726)	1.5630	(.6154)	.1817	(.0715)	APR-1
2	2.0978	(.8259)	70042900	1.6780	(.6606)	.1399	(.0551)	1.6195	(.6376)	.1632	(.0642)	2
MAY-1	2.1382	(.8418)	46059900	1.8074	(.7116)	.1569	(.0618)	1.7688	(.6964)	.1440	(.0567)	MAY-1
2	2.3282	(.9166)	53059912	1.9298	(.7598)	.1483	(.0584)	1.9171	(.7547)	.1699	(.0669)	2
JUN-1	2.5883	(1.0190)	53069912	2.0715	(.8156)	.1464	(.0576)	2.1066	(.8294)	.1847	(.0727)	JUN-1
2	2.7788	(1.0940)	52069900	2.2627	(.8908)	.2018	(.0794)	2.2916	(.9022)	.1387	(.0546)	2
JUL-1	2.8237	(1.1117)	70070412	2.3272	(.9162)	.1300	(.0512)	2.3511	(.9256)	.1582	(.0623)	JUL-1
2	2.6916	(1.0597)	52079900	2.4302	(.9568)	.1272	(.0501)	2.4087	(.9483)	.1093	(.0430)	2
AUG-1	2.8793	(1.1336)	70080100	2.4008	(.9452)	.1751	(.0689)	2.3695	(.9329)	.1277	(.0503)	AUG-1
2	2.6718	(1.0519)	70081712	2.3694	(.9328)	.1256	(.0494)	2.3781	(.9363)	.1373	(.0541)	2
SEP-1	2.6939	(1.0606)	50099900	2.2941	(.9032)	.1480	(.0583)	2.2772	(.8965)	.1523	(.0600)	SEP-1
2	2.4293	(.9564)	69091800	2.1860	(.8606)	.1473	(.0580)	2.1797	(.8581)	.1794	(.0706)	2
OCT-1	2.5634	(1.0092)	69100300	2.0335	(.8006)	.2538	(.0999)	2.0194	(.7950)	.2047	(.0806)	OCT-1
2	2.3658	(.9314)	68102000	1.8136	(.7140)	.2204	(.0868)	1.8693	(.7359)	.2056	(.0810)	2
NOV-1	2.0836	(.8203)	71110312	1.6684	(.6568)	.2246	(.0884)	1.6491	(.6492)	.2945	(.1160)	NOV-1
2	2.0084	(.7907)	51119912	1.6198	(.6377)	.2012	(.0792)	1.6152	(.6359)	.2522	(.0993)	2
DEC-1	1.9743	(.7773)	67121200	1.5780	(.6212)	.1917	(.0755)	1.5134	(.5958)	.2931	(.1154)	DEC-1
2	2.1643	(.8521)	72122212	1.4819	(.5834)	.2101	(.0827)	1.5265	(.6010)	.2709	(.1067)	2


CARIBOU, ME.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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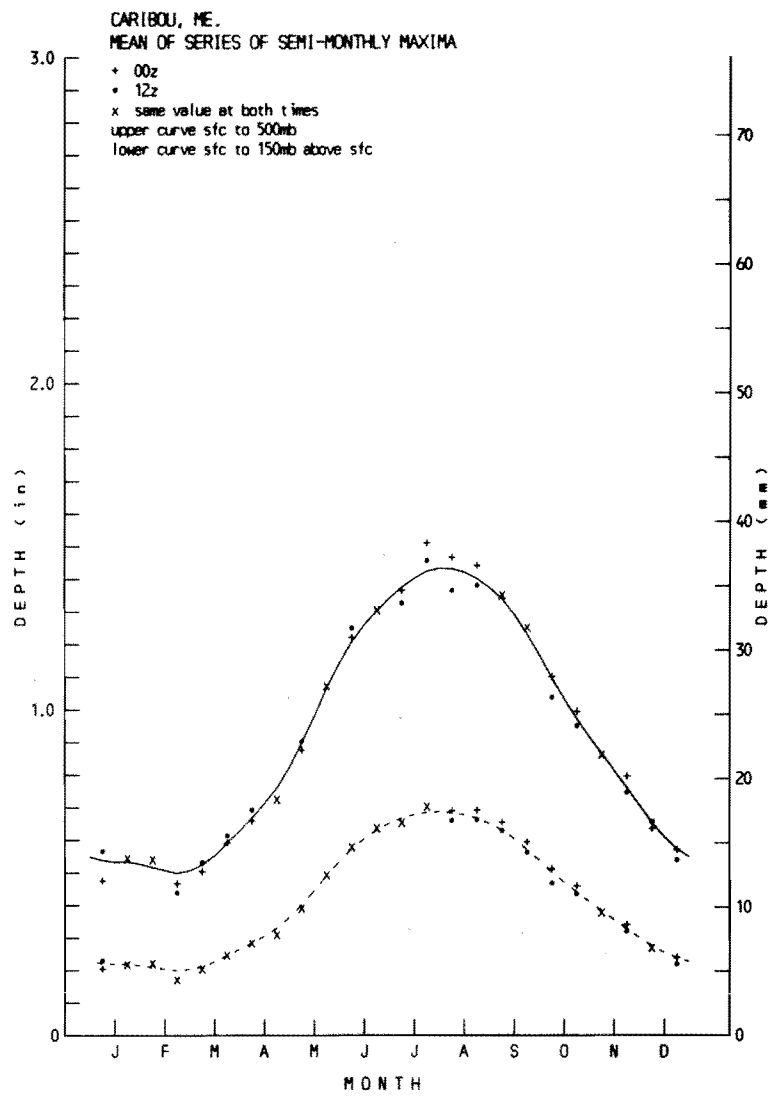
CARIBOU, ME.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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2.0
3.0
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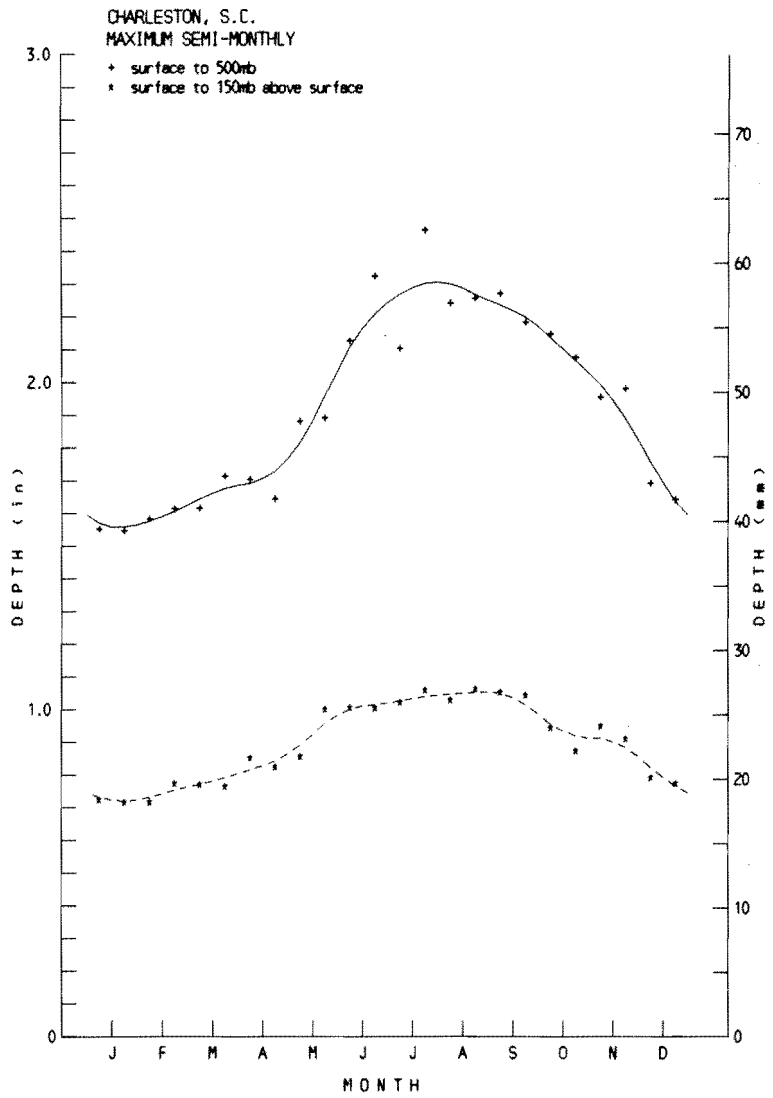
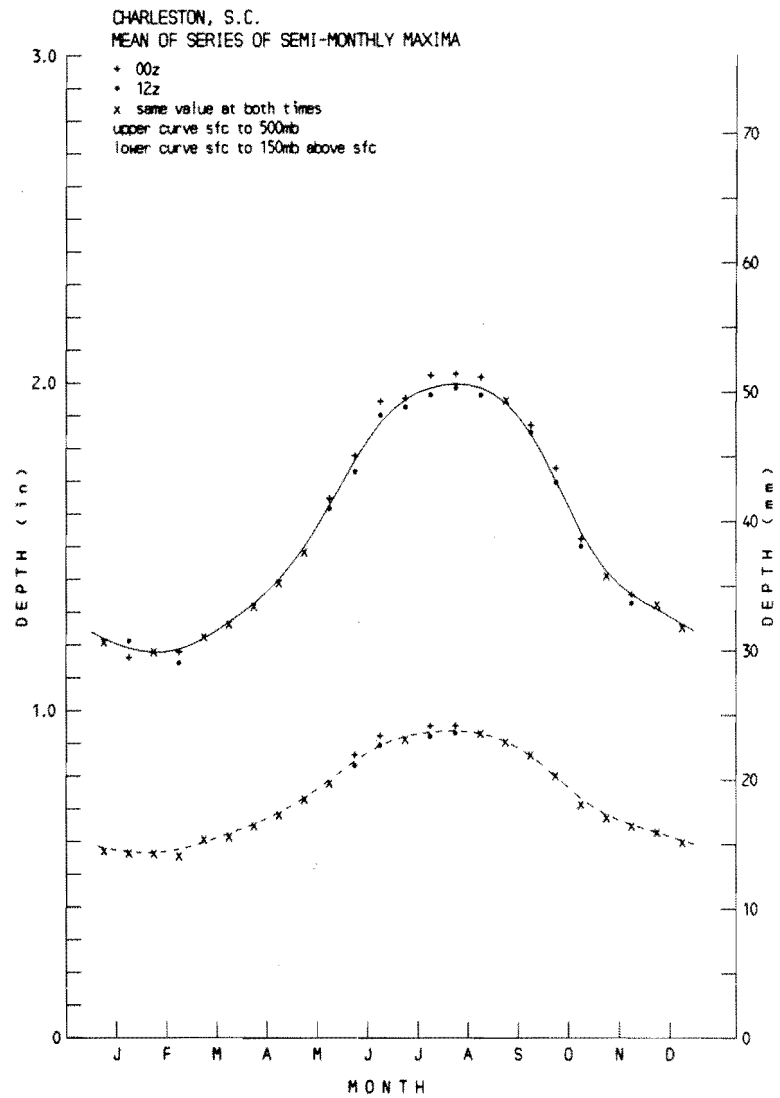
CARIBOU, ME. 27 YEARS OF RECORD

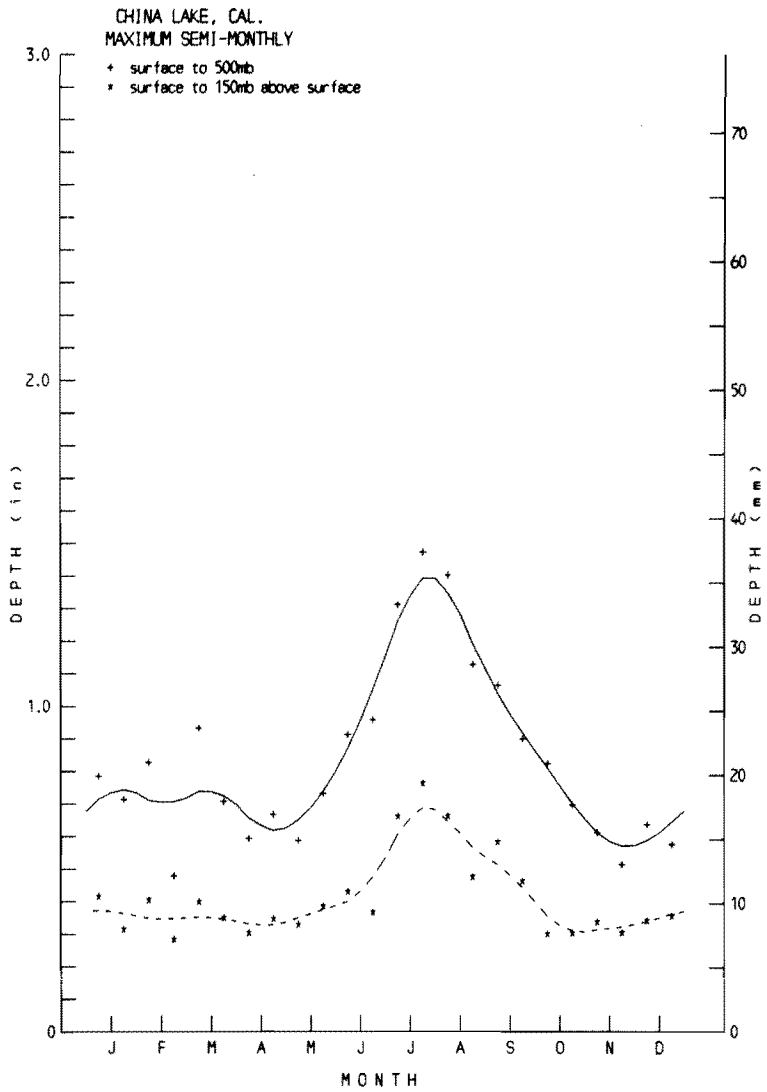
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.6754	(1.0533)	50010415	1.2027	(.4735)	.4704	(.1852)	1.4334	(.5643)	.5532	(.2178)	JAN-1
2	2.5425	(1.0010)	59012212	1.3831	(.5445)	.3918	(.1543)	1.4010	(.5516)	.4700	(.1851)	2
FEB-1	2.3744	(.9348)	70020400	1.3716	(.5400)	.4214	(.1659)	1.3918	(.5480)	.3683	(.1450)	FEB-1
2	2.2929	(.9027)	53022115	1.1802	(.4646)	.3824	(.1506)	1.1086	(.4365)	.3779	(.1488)	2
MAR-1	1.9982	(.7867)	64030512	1.2759	(.5023)	.3017	(.1188)	1.3449	(.5295)	.3573	(.1407)	MAR-1
2	2.4133	(.9501)	60033112	1.4991	(.5902)	.3766	(.1483)	1.5548	(.6121)	.4872	(.1918)	2
APR-1	2.7544	(1.0844)	55041503	1.6724	(.6584)	.4687	(.1845)	1.7560	(.6913)	.4519	(.1779)	APR-1
2	2.9246	(1.1514)	57042103	1.8644	(.7340)	.4391	(.1729)	1.8377	(.7235)	.4100	(.1614)	2
MAY-1	3.0602	(1.2048)	49050303	2.2221	(.8749)	.4456	(.1754)	2.2916	(.9022)	.4061	(.1599)	MAY-1
2	3.5093	(1.3816)	59052212	2.7568	(1.0854)	.4242	(.1670)	2.7138	(1.0684)	.4523	(.1781)	2
JUN-1	4.4988	(1.7712)	49061503	3.0991	(1.2201)	.4750	(.1870)	3.1731	(1.2492)	.5292	(.2084)	JUN-1
2	4.4115	(1.7368)	57062000	3.3389	(1.3145)	.4441	(.1749)	3.3136	(1.3046)	.4159	(.1637)	2
JUL-1	4.2934	(1.6903)	52070415	3.4646	(1.3640)	.3515	(.1384)	3.3673	(1.3257)	.3899	(.1535)	JUL-1
2	4.7544	(1.8718)	68071900	3.8345	(1.5096)	.4439	(.1748)	3.6969	(1.4555)	.5025	(.1978)	2
AUG-1	4.7554	(1.8722)	47081403	3.7207	(1.4649)	.4553	(.1793)	3.4647	(1.3640)	.4578	(.1802)	AUG-1
2	4.6637	(1.8361)	47082403	3.6573	(1.4399)	.5252	(.2068)	3.5052	(1.3800)	.4216	(.1660)	2
SEP-1	4.4366	(1.7467)	56090303	3.4211	(1.3469)	.5277	(.2077)	3.4632	(1.3635)	.5433	(.2139)	SEP-1
2	4.1082	(1.6174)	67093000	3.2107	(1.2641)	.5721	(.2252)	3.1683	(1.2474)	.4817	(.1896)	2
OCT-1	3.9934	(1.5722)	72100100	2.7935	(1.0998)	.4893	(.1926)	2.6346	(1.0373)	.4538	(.1786)	OCT-1
2	3.9436	(1.5526)	54101615	2.5224	(.9931)	.5420	(.2134)	2.4111	(.9493)	.4862	(.1914)	2
NOV-1	3.2923	(1.2962)	67110312	2.1953	(.8643)	.5683	(.2237)	2.2066	(.8687)	.5840	(.2299)	NOV-1
2	3.3089	(1.3027)	53112603	2.0191	(.7949)	.5698	(.2243)	1.8929	(.7452)	.5175	(.2038)	2
DEC-1	2.8174	(1.1092)	66121112	1.6087	(.6333)	.4670	(.1839)	1.6649	(.6555)	.5074	(.1998)	DEC-1
2	2.6462	(1.0418)	64122700	1.4433	(.5682)	.5395	(.2124)	1.3649	(.5374)	.5263	(.2072)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.1636	(.4581)	50010415	.5147	(.2026)	.2001	(.0788)	.5808	(.2287)	.2339	(.0921)	JAN-1
2	1.0546	(.4152)	50012603	.5832	(.2296)	.1913	(.0753)	.5444	(.2143)	.1947	(.0767)	2
FEB-1	.9914	(.3903)	70020400	.5735	(.2258)	.1834	(.0722)	.5720	(.2252)	.1858	(.0731)	FEB-1
2	.8821	(.3473)	53022115	.4461	(.1756)	.1547	(.0609)	.4399	(.1732)	.1463	(.0576)	2
MAR-1	.7996	(.3148)	55031115	.5327	(.2097)	.1454	(.0572)	.5234	(.2061)	.1458	(.0574)	MAR-1
2	.9931	(.3910)	60033112	.6161	(.2426)	.1611	(.0634)	.6541	(.2575)	.1977	(.0778)	2
APR-1	1.1242	(.4426)	47041203	.7362	(.2898)	.2004	(.0789)	.7262	(.2859)	.1812	(.0713)	APR-1
2	1.2703	(.5001)	57042103	.8112	(.3194)	.2156	(.0849)	.7806	(.3073)	.1884	(.0742)	2
MAY-1	1.3909	(.5476)	49050303	.9915	(.3903)	.2311	(.0910)	1.0163	(.4001)	.2013	(.0792)	MAY-1
2	1.7130	(.6744)	55052503	1.2699	(.5000)	.2165	(.0852)	1.2560	(.4945)	.1901	(.0749)	2
JUN-1	2.1778	(.8574)	49061503	1.4886	(.5861)	.2108	(.0830)	1.4736	(.5802)	.2439	(.0960)	JUN-1
2	2.0465	(.8057)	48063003	1.6467	(.6483)	.2179	(.0858)	1.6127	(.6349)	.1719	(.0677)	2
JUL-1	2.1374	(.8415)	55071015	1.6978	(.6684)	.1639	(.0645)	1.6476	(.6487)	.1891	(.0744)	JUL-1
2	2.1194	(.8344)	49072803	1.8214	(.7171)	.1932	(.0760)	1.7747	(.6987)	.2000	(.0787)	2
AUG-1	2.3663	(.9316)	47081403	1.7495	(.6888)	.2323	(.0915)	1.6747	(.6593)	.2113	(.0832)	AUG-1
2	2.1097	(.8306)	47082603	1.7566	(.6916)	.1992	(.0784)	1.6811	(.6618)	.1828	(.0720)	2
SEP-1	1.9609	(.7720)	53090715	1.6602	(.6536)	.1811	(.0713)	1.5957	(.6282)	.2219	(.0874)	SEP-1
2	1.9929	(.7846)	58092600	1.5081	(.5938)	.2917	(.1148)	1.4255	(.5612)	.2326	(.0916)	2
OCT-1	1.8377	(.7235)	72100100	1.2965	(.5104)	.2121	(.0835)	1.1867	(.4672)	.1926	(.0758)	OCT-1
2	1.6035	(.6313)	68101600	1.1637	(.4581)	.2370	(.0933)	1.1017	(.4338)	.1955	(.0770)	2
NOV-1	1.4971	(.5894)	67110312	.9485	(.3734)	.2615	(.1029)	.9912	(.3902)	.2575	(.1014)	NOV-1
2	1.4478	(.5700)	53112603	.8619	(.3393)	.2635	(.1037)	.8102	(.3190)	.2499	(.0984)	2
DEC-1	1.2677	(.4991)	66121112	.7164	(.2820)	.2159	(.0850)	.6691	(.2634)	.1964	(.0773)	DEC-1
2	1.1765	(.4632)	57122112	.6033	(.2375)	.2418	(.0952)	.5504	(.2167)	.2214	(.0872)	2

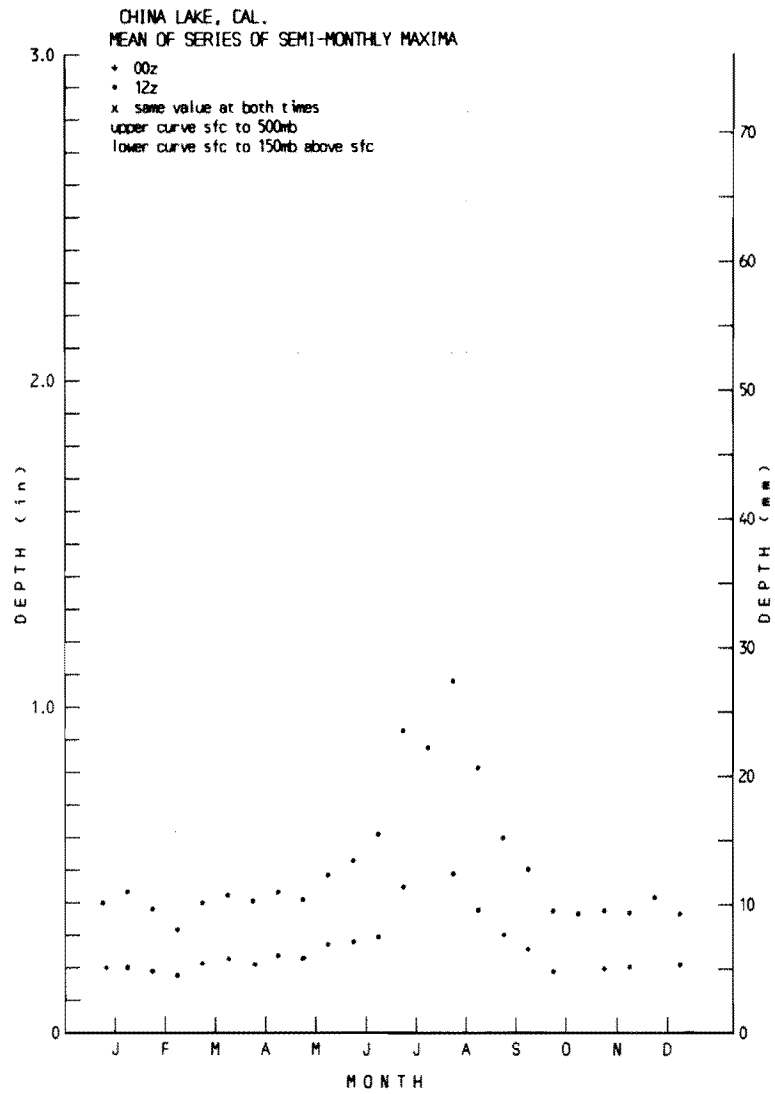

CHARLESTON, S.C.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
x surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


CHARLESTON, S.C.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

CHARLESTON, S.C. 27 YEARS OF RECORD

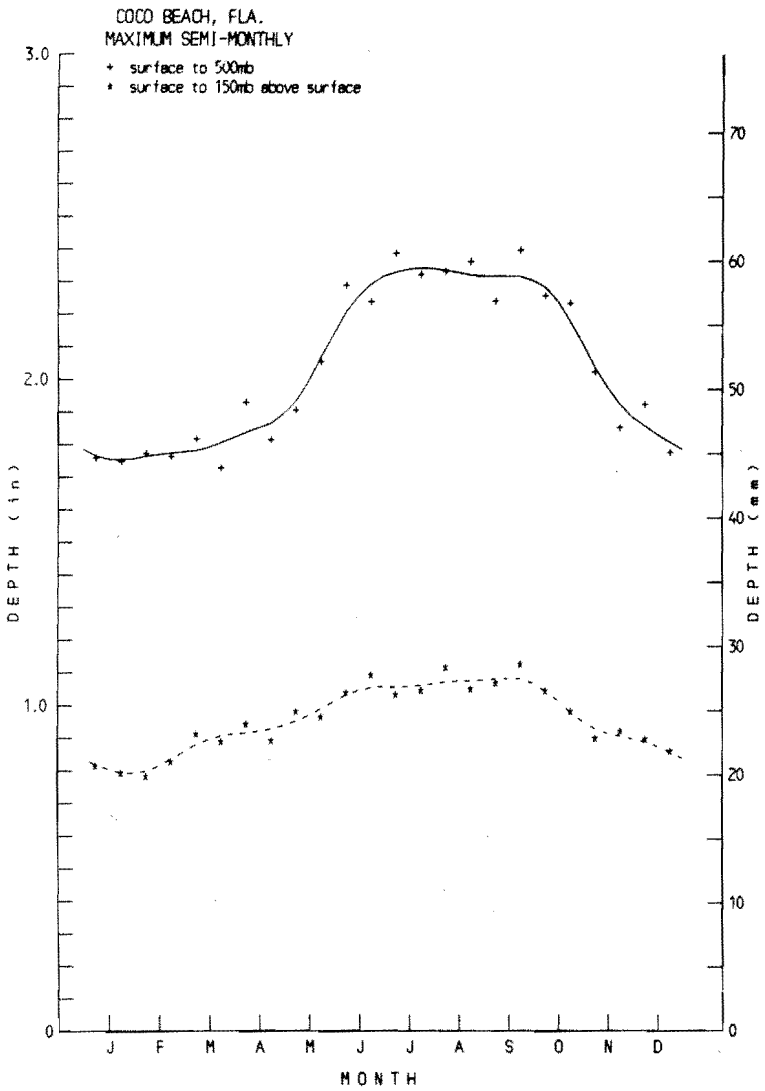
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.9383	(1.5505)	64010912	3.0666	(1.2073)	.5490	(.2161)	3.0922	(1.2174)	.5390	(.2122)	JAN-1
2	3.9261	(1.5457)	57013015	2.9475	(1.1604)	.5714	(.2250)	3.0762	(1.2111)	.3542	(.1394)	2
FEB-1	4.0183	(1.5820)	66021312	2.9836	(1.1746)	.5076	(.1998)	3.0293	(1.1926)	.5485	(.2160)	FEB-1
2	4.0983	(1.6135)	71022300	2.9931	(1.1784)	.5524	(.2175)	2.9083	(1.1450)	.4581	(.1804)	2
MAR-1	4.1016	(1.6148)	63031312	3.1239	(1.2299)	.3944	(.1553)	3.1220	(1.2291)	.5827	(.2294)	MAR-1
2	4.3490	(1.7122)	70033112	3.2438	(1.2771)	.4234	(.1667)	3.1996	(1.2597)	.5109	(.2011)	2
APR-1	4.3244	(1.7025)	47041403	3.3753	(1.3289)	.4078	(.1605)	3.3416	(1.3156)	.4305	(.1695)	APR-1
2	4.1740	(1.6433)	67042700	3.5356	(1.3920)	.3336	(.1313)	3.5437	(1.3952)	.4383	(.1726)	2
MAY-1	4.7752	(1.8800)	57051115	3.7619	(1.4811)	.3898	(.1535)	3.7944	(1.4939)	.3859	(.1519)	MAY-1
2	4.8016	(1.8904)	57052615	4.1813	(1.6462)	.3024	(.1190)	4.1040	(1.6158)	.3466	(.1365)	2
JUN-1	5.3978	(2.1251)	53060715	4.5117	(1.7762)	.3923	(.1545)	4.3888	(1.7279)	.4771	(.1878)	JUN-1
2	5.8971	(2.3217)	65061600	4.9321	(1.9418)	.3653	(.1438)	4.8274	(1.9005)	.3535	(.1392)	2
JUL-1	5.3391	(2.1020)	59070900	4.9576	(1.9518)	.2436	(.0959)	4.8896	(1.9251)	.2373	(.0934)	JUL-1
2	6.2558	(2.4629)	64072712	5.1335	(2.0211)	.2949	(.1161)	4.9840	(1.9622)	.3765	(.1482)	2
AUG-1	5.6901	(2.2402)	51081203	5.1452	(2.0257)	.2805	(.1104)	5.0376	(1.9833)	.2559	(.1007)	AUG-1
2	5.7272	(2.2548)	70082500	5.1196	(2.0156)	.2827	(.1113)	4.9825	(1.9616)	.3048	(.1200)	2
SEP-1	5.7630	(2.2689)	50090715	4.9489	(1.9484)	.3171	(.1248)	4.9591	(1.9524)	.3286	(.1294)	SEP-1
2	5.5413	(2.1816)	53092703	4.7484	(1.8695)	.3564	(.1403)	4.6928	(1.8476)	.4089	(.1610)	2
OCT-1	5.4498	(2.1456)	69100212	4.4156	(1.7384)	.4507	(.1774)	4.3071	(1.6957)	.6940	(.2732)	OCT-1
2	5.2687	(2.0743)	68101800	3.8678	(1.5228)	.7436	(.2927)	3.8115	(1.5006)	.6695	(.2636)	2
NOV-1	4.9604	(1.9529)	72110412	3.6021	(1.4181)	.5021	(.1977)	3.5868	(1.4121)	.5869	(.2311)	NOV-1
2	5.0267	(1.9790)	48112903	3.4360	(1.3527)	.6187	(.2436)	3.3694	(1.3265)	.5454	(.2147)	2
DEC-1	4.2944	(1.6907)	72121512	3.3466	(1.3176)	.5267	(.2074)	3.3933	(1.3360)	.4867	(.1916)	DEC-1
2	4.1666	(1.6404)	72122200	3.1751	(1.2500)	.4470	(.1760)	3.2080	(1.2630)	.3202	(.1261)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.8367	(.7231)	62010612	1.4653	(.5769)	.2312	(.0910)	1.4535	(.5722)	.2655	(.1045)	JAN-1
2	1.8184	(.7159)	59012200	1.4539	(.5724)	.2471	(.0973)	1.4335	(.5644)	.2141	(.0843)	2
FEB-1	1.8191	(.7162)	49020915	1.4392	(.5666)	.1631	(.0642)	1.4385	(.5663)	.2405	(.0947)	FEB-1
2	1.9637	(.7731)	71022300	1.4286	(.5624)	.2779	(.1094)	1.4131	(.5563)	.2405	(.0947)	2
MAR-1	1.9581	(.7709)	54031403	1.5667	(.6168)	.2127	(.0837)	1.5349	(.6043)	.2058	(.0810)	MAR-1
2	1.9416	(.7644)	70033112	1.5800	(.6221)	.1980	(.0779)	1.5609	(.6145)	.2414	(.0950)	2
APR-1	2.1615	(.8510)	47041415	1.6479	(.6488)	.1904	(.0750)	1.6626	(.6546)	.2290	(.0902)	APR-1
2	2.0942	(.8245)	53043015	1.7306	(.6813)	.1291	(.0508)	1.7474	(.6880)	.1622	(.0638)	2
MAY-1	2.1747	(.8562)	53050203	1.8724	(.7372)	.1343	(.0529)	1.8520	(.7291)	.1604	(.0631)	MAY-1
2	2.5410	(1.0004)	53052503	2.0052	(.7895)	.1667	(.0656)	1.9720	(.7764)	.1711	(.0674)	2
JUN-1	2.5557	(1.0062)	58061500	2.1961	(.8646)	.1808	(.0712)	2.1119	(.8314)	.1628	(.0641)	JUN-1
2	2.5512	(1.0044)	49062615	2.3424	(.9222)	.1250	(.0492)	2.2685	(.8931)	.1345	(.0530)	2
JUL-1	2.5964	(1.0222)	52070103	2.3510	(.9256)	.1155	(.0455)	2.3086	(.9089)	.0914	(.0360)	JUL-1
2	2.6911	(1.0595)	66071600	2.4199	(.9527)	.1356	(.0534)	2.3403	(.9214)	.1514	(.0596)	2
AUG-1	2.6142	(1.0292)	57081400	2.4228	(.9539)	.1116	(.0439)	2.3645	(.9309)	.0984	(.0387)	AUG-1
2	2.7021	(1.0638)	61082612	2.3988	(.9444)	.1329	(.0523)	2.3494	(.9250)	.1166	(.0459)	2
SEP-1	2.6733	(1.0525)	50090715	2.3168	(.9121)	.1144	(.0450)	2.3032	(.9068)	.1365	(.0537)	SEP-1
2	2.6510	(1.0437)	72091800	2.2165	(.8726)	.1604	(.0631)	2.1988	(.8657)	.1436	(.0565)	2
OCT-1	2.3998	(.9448)	59100912	2.0600	(.8110)	.1853	(.0729)	2.0326	(.8002)	.2326	(.0916)	OCT-1
2	2.2202	(.8741)	68101900	1.8362	(.7229)	.2455	(.0966)	1.8097	(.7125)	.2314	(.0911)	2
NOV-1	2.4120	(.9496)	72110412	1.7022	(.6702)	.2391	(.0941)	1.7357	(.6833)	.2518	(.0992)	NOV-1
2	2.3134	(.9108)	48112903	1.6650	(.6555)	.2500	(.0984)	1.6441	(.6473)	.2071	(.0815)	2
DEC-1	2.0114	(.7919)	56121515	1.6281	(.6410)	.2005	(.0789)	1.5821	(.6229)	.2328	(.0917)	DEC-1
2	1.9652	(.7737)	72122200	1.5458	(.6086)	.2346	(.0924)	1.5078	(.5936)	.1821	(.0717)	2

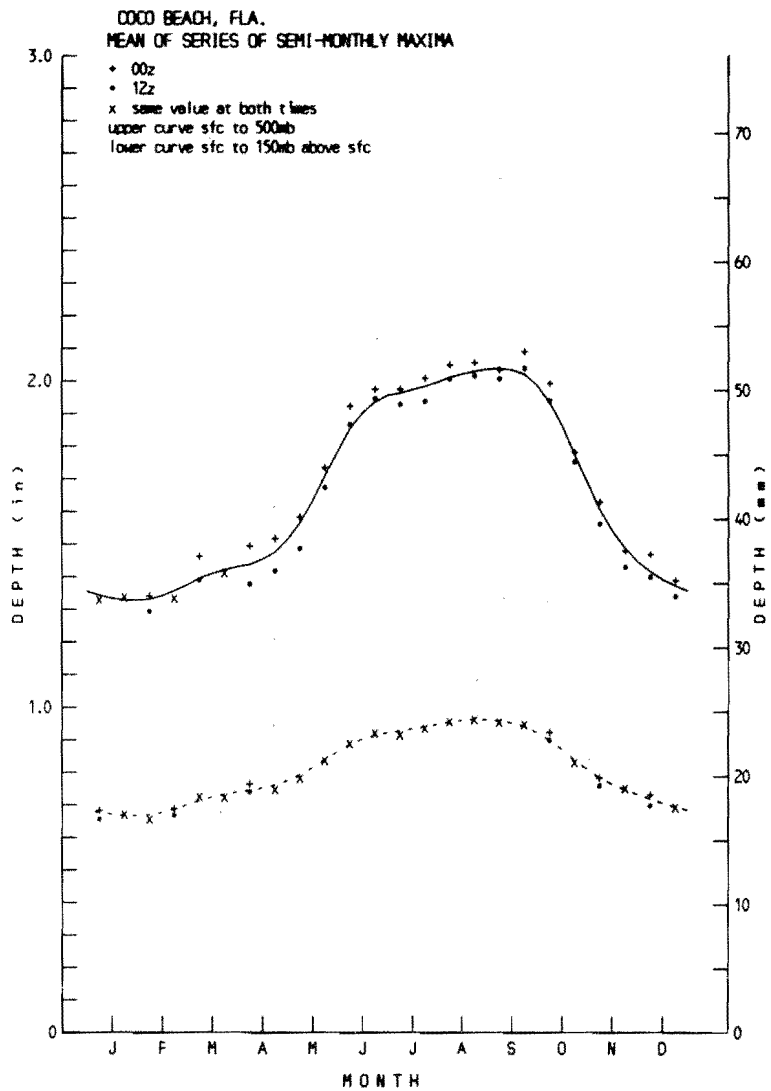

CHINA LAKE, CAL.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
x surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


CHINA LAKE, CAL.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

CHINA LAKE, CAL. 15 YEARS OF RECORD

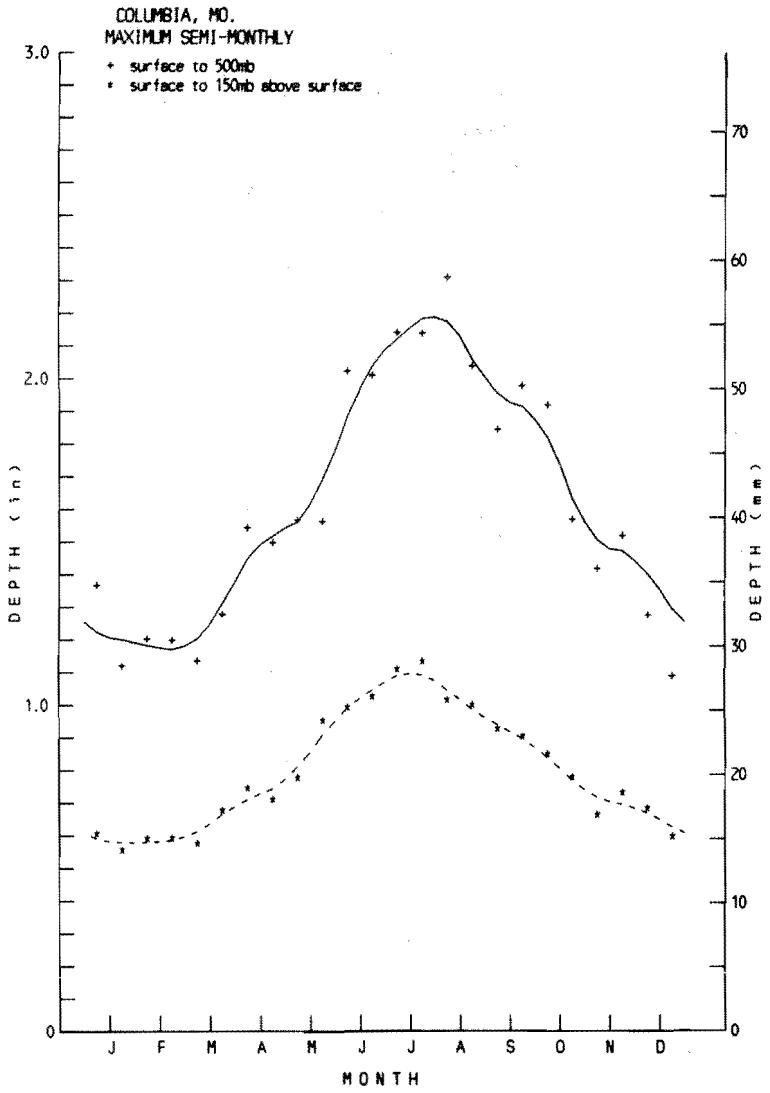
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.9901	(.7835)	53010915	GAPS AND SHORT RECORD				1.0108	(.3980)	.3938	(.1550)	JAN-1
2	1.8082	(.7119)	56012515					1.0974	(.4321)	.5203	(.2048)	2
FEB-1	2.0983	(.8261)	50020615					.9627	(.3790)	.4517	(.1778)	FEB-1
2	1.2123	(.4773)	56022315					.8020	(.3158)	.2538	(.0999)	2
MAR-1	2.3665	(.9317)	54030915					1.0104	(.3978)	.5617	(.2211)	MAR-1
2	1.7940	(.7063)	67031612					1.0700	(.4213)	.3685	(.1451)	2
APR-1	1.5055	(.5927)	49041515					1.0257	(.4038)	.3215	(.1266)	APR-1
2	1.6921	(.6662)	51042015					1.0941	(.4307)	.4605	(.1813)	2
MAY-1	1.4884	(.5860)	66051012					1.0370	(.4083)	.3367	(.1326)	MAY-1
2	1.8567	(.7310)	65051912					1.2272	(.4831)	.4513	(.1777)	2
JUN-1	2.3147	(.9113)	49060615					1.3404	(.5277)	.4546	(.1790)	JUN-1
2	2.4318	(.9574)	49062215					1.5470	(.6090)	.4199	(.1653)	2
JUL-1	3.3315	(1.3116)	68070912					2.3541	(.9268)	.9413	(.3706)	JUL-1
2	3.7371	(1.4713)	68072912					2.2212	(.8745)	.9532	(.3753)	2
AUG-1	3.5590	(1.4012)	68080712					2.7399	(1.0787)	.6642	(.2615)	AUG-1
2	2.8631	(1.1272)	55082215					2.0631	(.8122)	.6627	(.2609)	2
SEP-1	2.7023	(1.0639)	67090112					1.5192	(.5981)	.7306	(.2876)	SEP-1
2	2.2822	(.8985)	66093012					1.2725	(.5010)	.5764	(.2269)	2
OCT-1	2.0899	(.8228)	51101003					.9504	(.3742)	.4829	(.1901)	OCT-1
2	1.7663	(.6954)	51101603					.9262	(.3647)	.4455	(.1754)	2
NOV-1	1.5509	(.6106)	49111015					.9490	(.3736)	.3852	(.1517)	NOV-1
2	1.3012	(.5123)	48112315					.9325	(.3671)	.3702	(.1457)	2
DEC-1	1.6137	(.6353)	49120815					1.0528	(.4145)	.3381	(.1331)	DEC-1
2	1.4572	(.5737)	55122115					.9240	(.3638)	.3183	(.1253)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.0528	(.4145)	53010915	GAPS AND SHORT RECORD				.4987	(.1963)	.2090	(.0823)	JAN-1
2	.7950	(.3130)	56012515					.5105	(.2010)	.2408	(.0948)	2
FEB-1	1.0257	(.4038)	50020615					.4762	(.1875)	.2197	(.0865)	FEB-1
2	.7163	(.2820)	56022315					.4447	(.1751)	.1431	(.0564)	2
MAR-1	1.0107	(.3979)	54030915					.5255	(.2069)	.2381	(.0937)	MAR-1
2	.8852	(.3485)	67031612					.5708	(.2247)	.1410	(.0555)	2
APR-1	.7691	(.3028)	49041515					.5312	(.2091)	.1654	(.0651)	APR-1
2	.8788	(.3460)	51042015					.5970	(.2350)	.2393	(.0942)	2
MAY-1	.8331	(.3280)	66050912					.5794	(.2281)	.1683	(.0662)	MAY-1
2	.9751	(.3839)	65051912					.6907	(.2719)	.2366	(.0931)	2
JUN-1	1.0899	(.4291)	49060615					.7067	(.2782)	.2250	(.0886)	JUN-1
2	.9304	(.3663)	58061712					.7448	(.2932)	.1342	(.0529)	2
JUL-1	1.6774	(.6604)	68070912					1.1357	(.4471)	.4363	(.1718)	JUL-1
2	1.9370	(.7626)	68072912					1.1466	(.4514)	.4840	(.1905)	2
AUG-1	1.6825	(.6624)	58080712					1.2377	(.4873)	.3758	(.1480)	AUG-1
2	1.2073	(.4753)	67082512					.9556	(.3762)	.3040	(.1197)	2
SEP-1	1.4798	(.5826)	72090112					.7872	(.3099)	.3862	(.1520)	SEP-1
2	1.1725	(.4616)	66093012					.6496	(.2558)	.3052	(.1202)	2
OCT-1	.7605	(.2994)	67100312					.4757	(.1873)	.2296	(.0904)	OCT-1
2	.7666	(.3018)	51101603					.4405	(.1734)	.2016	(.0794)	2
NOV-1	.8542	(.3363)	49111015					.4970	(.1957)	.2249	(.0885)	NOV-1
2	.7701	(.3032)	55112115					.5118	(.2015)	.2032	(.0800)	2
DEC-1	.8649	(.3405)	55120615					.5628	(.2216)	.2068	(.0814)	DEC-1
2	.9009	(.3547)	51122815					.5274	(.2076)	.1823	(.0718)	2

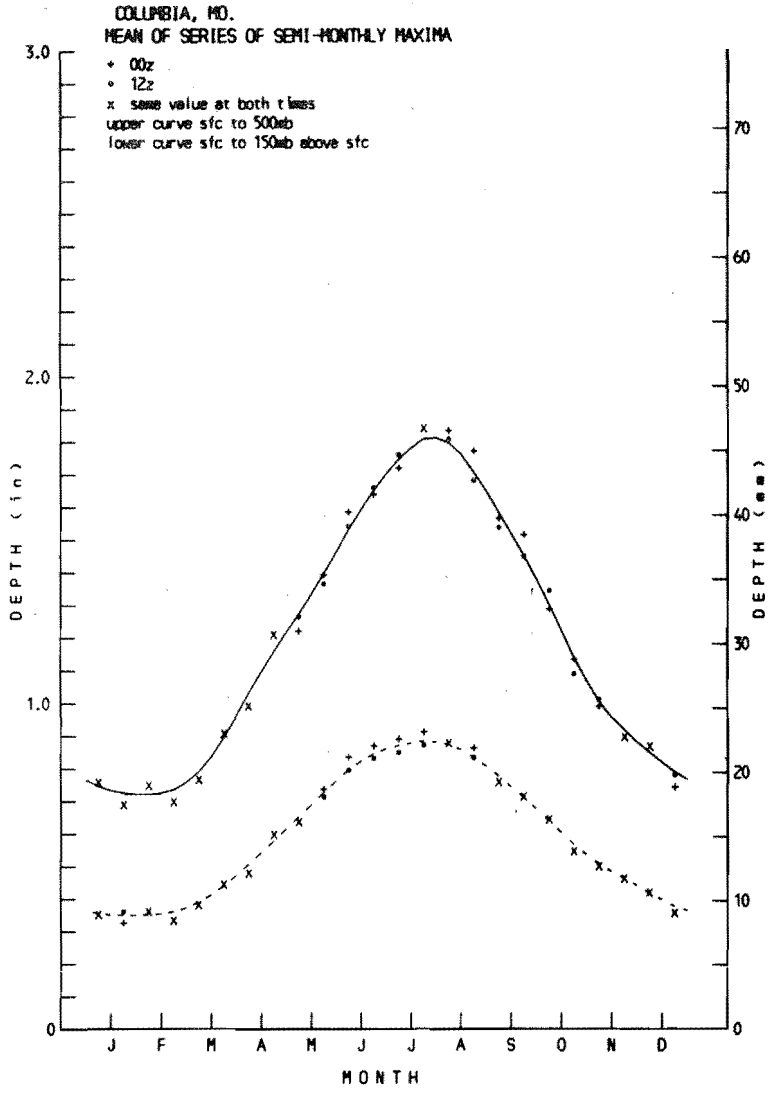

COCO BEACH, FLA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


COCO BEACH, FLA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

COCO BEACH, FLA. 21 YEARS OF RECORD

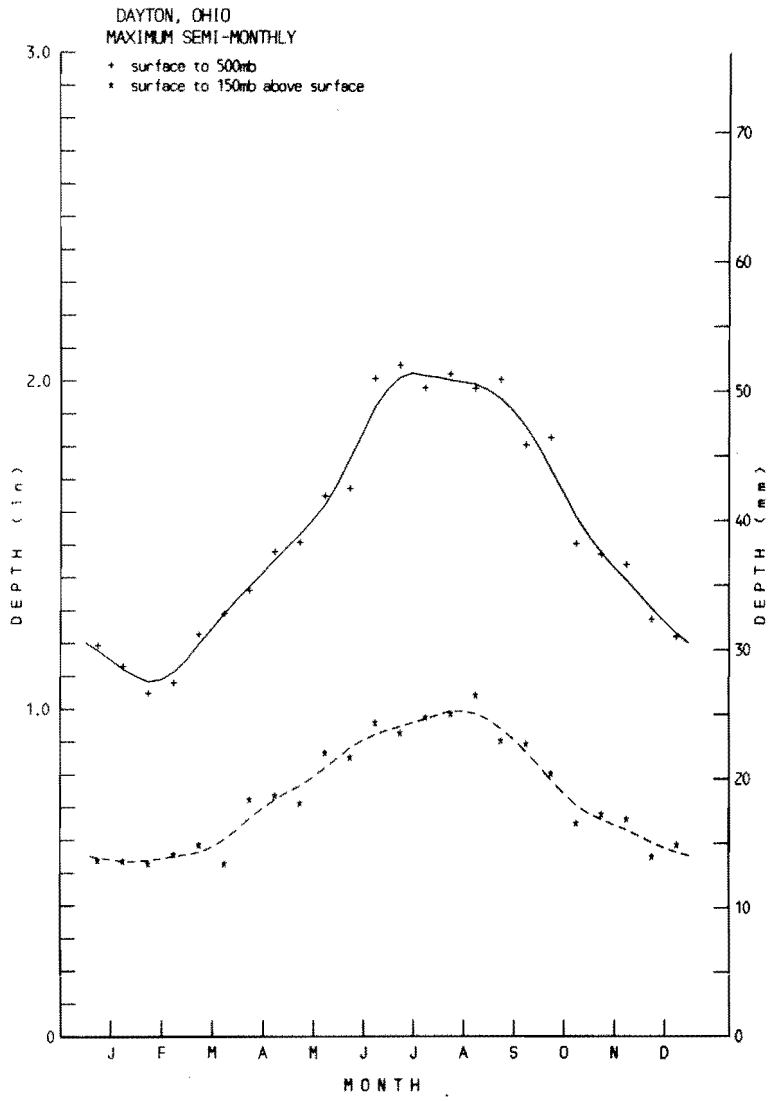
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	4.4638	(1.7574)	64010712	3.3787	(1.3302)	.5776	(.2274)	3.3883	(1.3340)	.5264	(.2072)	JAN-1
2	4.4364	(1.7466)	54012015	3.4164	(1.3450)	.5168	(.2034)	3.3998	(1.3385)	.4797	(.1889)	2
FEB-1	4.4991	(1.7713)	59020512	3.4023	(1.3395)	.4730	(.1862)	3.2828	(1.2924)	.6455	(.2541)	FEB-1
2	4.4742	(1.7615)	70021700	3.3811	(1.3311)	.5900	(.2323)	3.4108	(1.3428)	.4793	(.1887)	2
MAR-1	4.6124	(1.8159)	52031503	3.7115	(1.4612)	.4833	(.1903)	3.5266	(1.3884)	.5406	(.2128)	MAR-1
2	4.3868	(1.7271)	65032900	3.6191	(1.4248)	.4185	(.1648)	3.5687	(1.4050)	.4936	(.1944)	2
APR-1	4.8966	(1.9278)	70040300	3.7910	(1.4925)	.5406	(.2128)	3.4952	(1.3761)	.6428	(.2531)	APR-1
2	4.6045	(1.8128)	59042000	3.8495	(1.5155)	.4653	(.1832)	3.5975	(1.4163)	.4929	(.1940)	2
MAY-1	4.8364	(1.9041)	54051303	4.0162	(1.5812)	.4874	(.1919)	3.7728	(1.4854)	.4583	(.1804)	MAY-1
2	5.2118	(2.0519)	54052715	4.4012	(1.7328)	.4727	(.1861)	4.2473	(1.6722)	.4718	(.1857)	2
JUN-1	5.8095	(2.2872)	57060900	4.8803	(1.9214)	.4630	(.1823)	4.7373	(1.8651)	.4445	(.1750)	JUN-1
2	5.6825	(2.2372)	53062515	5.0120	(1.9732)	.2902	(.1142)	4.9403	(1.9450)	.3365	(.1325)	2
JUL-1	6.0609	(2.3862)	69071200	5.0132	(1.9737)	.3535	(.1392)	4.8951	(1.9272)	.3254	(.1281)	JUL-1
2	5.8925	(2.3199)	58072800	5.0973	(2.0068)	.4147	(.1633)	4.9177	(1.9361)	.3291	(.1296)	2
AUG-1	5.9187	(2.3302)	53080803	5.2012	(2.0477)	.2961	(.1166)	5.0924	(2.0049)	.3358	(.1322)	AUG-1
2	5.9939	(2.3598)	66082212	5.2188	(2.0546)	.3408	(.1342)	5.1156	(2.0140)	.3833	(.1509)	2
SEP-1	5.6868	(2.2389)	64091012	5.1634	(2.0328)	.2460	(.0968)	5.0942	(2.0056)	.3156	(.1242)	SEP-1
2	6.0848	(2.3956)	53092703	5.3040	(2.0882)	.3460	(.1362)	5.1755	(2.0376)	.4511	(.1776)	2
OCT-1	5.7285	(2.2553)	69100400	5.0565	(1.9908)	.4540	(.1788)	4.9222	(1.9379)	.4262	(.1678)	OCT-1
2	5.6680	(2.2315)	59102112	4.5197	(1.7794)	.5887	(.2318)	4.4462	(1.7505)	.6489	(.2555)	2
NOV-1	5.1323	(2.0206)	58110612	4.1317	(1.6267)	.5379	(.2118)	3.9621	(1.5599)	.5328	(.2098)	NOV-1
2	4.7010	(1.8508)	58112912	3.7515	(1.4770)	.5235	(.2061)	3.6264	(1.4277)	.7100	(.2795)	2
DEC-1	4.8819	(1.9220)	50120715	3.7235	(1.4660)	.5651	(.2225)	3.5492	(1.3973)	.6629	(.2610)	DEC-1
2	4.5065	(1.7742)	53122503	3.5182	(1.3851)	.6032	(.2375)	3.3963	(1.3371)	.5108	(.2011)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	2.0643	(.8127)	60010700	1.7314	(.6816)	.2370	(.0933)	1.6612	(.6540)	.1749	(.0688)	JAN-1
2	2.0081	(.7906)	54012015	1.7338	(.6826)	.2027	(.0798)	1.6922	(.6662)	.1494	(.0588)	2
FEB-1	1.9845	(.7813)	57020103	1.6815	(.6620)	.1879	(.0740)	1.6633	(.6549)	.1887	(.0743)	FEB-1
2	2.0975	(.8258)	70021700	1.7444	(.6868)	.2804	(.1104)	1.6923	(.6663)	.2105	(.0829)	2
MAR-1	2.3122	(.9103)	54031403	1.8700	(.7362)	.1844	(.0726)	1.8297	(.7203)	.1570	(.0618)	MAR-1
2	2.2540	(.8874)	70033100	1.8682	(.7355)	.2288	(.0901)	1.8206	(.7168)	.2282	(.0899)	2
APR-1	2.3904	(.9411)	70040300	1.9370	(.7626)	.1910	(.0752)	1.8757	(.7385)	.2150	(.0846)	APR-1
2	2.2603	(.8899)	53043003	1.9308	(.7602)	.1610	(.0634)	1.8806	(.7404)	.1536	(.0605)	2
MAY-1	2.4889	(.9799)	53050303	1.9912	(.7839)	.1904	(.0750)	2.0001	(.7875)	.1500	(.0591)	MAY-1
2	2.4475	(.9636)	69052000	2.1392	(.8422)	.1816	(.0715)	2.1296	(.8384)	.1432	(.0564)	2
JUN-1	2.6347	(1.0373)	57061000	2.2752	(.8958)	.1405	(.0553)	2.2516	(.8865)	.1426	(.0562)	JUN-1
2	2.7724	(1.0915)	53061903	2.3476	(.9243)	.1591	(.0627)	2.3462	(.9237)	.1227	(.0483)	2
JUL-1	2.6210	(1.0319)	69071200	2.3536	(.9266)	.1105	(.0435)	2.3127	(.9105)	.1152	(.0454)	JUL-1
2	2.6535	(1.0447)	57072500	2.3838	(.9385)	.1360	(.0535)	2.3815	(.9376)	.1141	(.0449)	2
AUG-1	2.8318	(1.1149)	51081015	2.4236	(.9542)	.1466	(.0577)	2.4488	(.9641)	.1539	(.0606)	AUG-1
2	2.6657	(1.0495)	52081815	2.4550	(.9665)	.1228	(.0484)	2.4513	(.9651)	.1209	(.0476)	2
SEP-1	2.7102	(1.0670)	52091415	2.4254	(.9549)	.1159	(.0456)	2.4406	(.9609)	.1191	(.0469)	SEP-1
2	2.8575	(1.1250)	51091715	2.4121	(.9496)	.1164	(.0458)	2.4183	(.9521)	.1327	(.0522)	2
OCT-1	2.6492	(1.0430)	69100400	2.3415	(.9218)	.1732	(.0682)	2.2783	(.8970)	.1510	(.0594)	OCT-1
2	2.4902	(.9804)	69102300	2.1327	(.8396)	.2100	(.0827)	2.1038	(.8283)	.2049	(.0807)	2
NOV-1	2.2799	(.8976)	69110112	1.9860	(.7819)	.1343	(.0529)	1.9257	(.7581)	.1930	(.0760)	NOV-1
2	2.3365	(.9199)	58112912	1.9245	(.7577)	.2009	(.0791)	1.9085	(.7514)	.1979	(.0779)	2
DEC-1	2.2725	(.8947)	53121315	1.8519	(.7291)	.1557	(.0613)	1.7689	(.6964)	.2347	(.0924)	DEC-1
2	2.1796	(.8581)	56121703	1.7924	(.7057)	.2615	(.1030)	1.7427	(.6861)	.2295	(.0903)	2

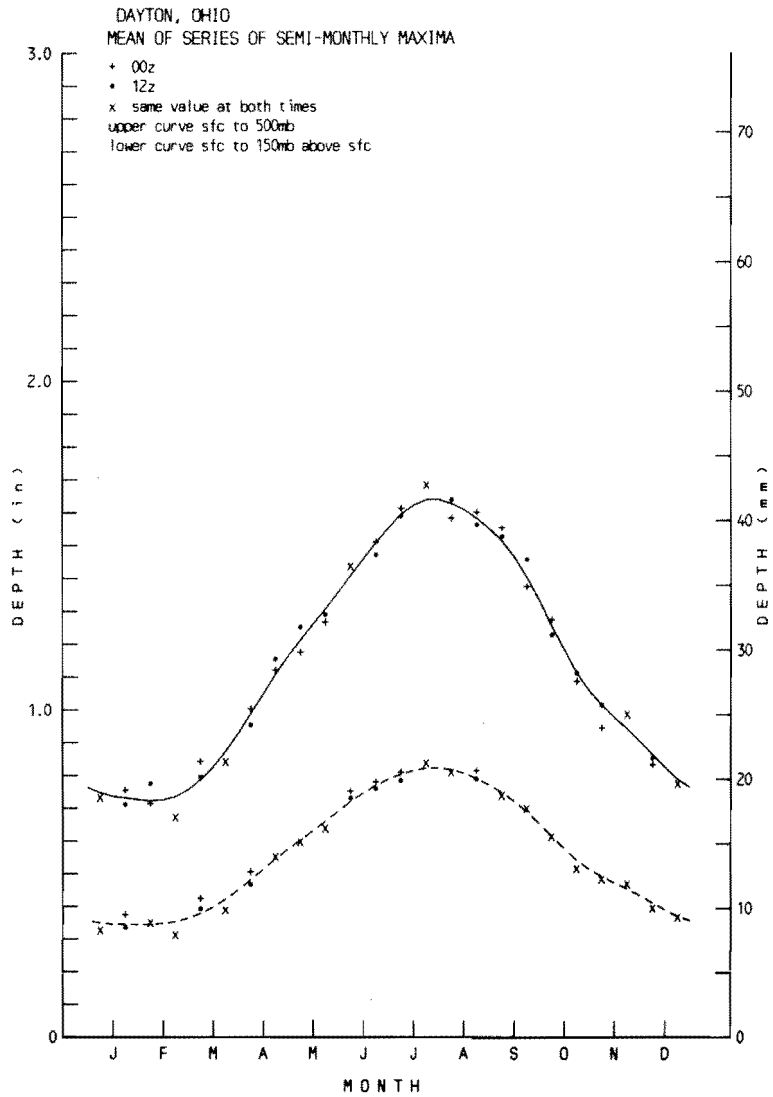

COLUMBIA, MO.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


COLUMBIA, MO.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

COLUMBIA, MO. 25 YEARS OF RECORD

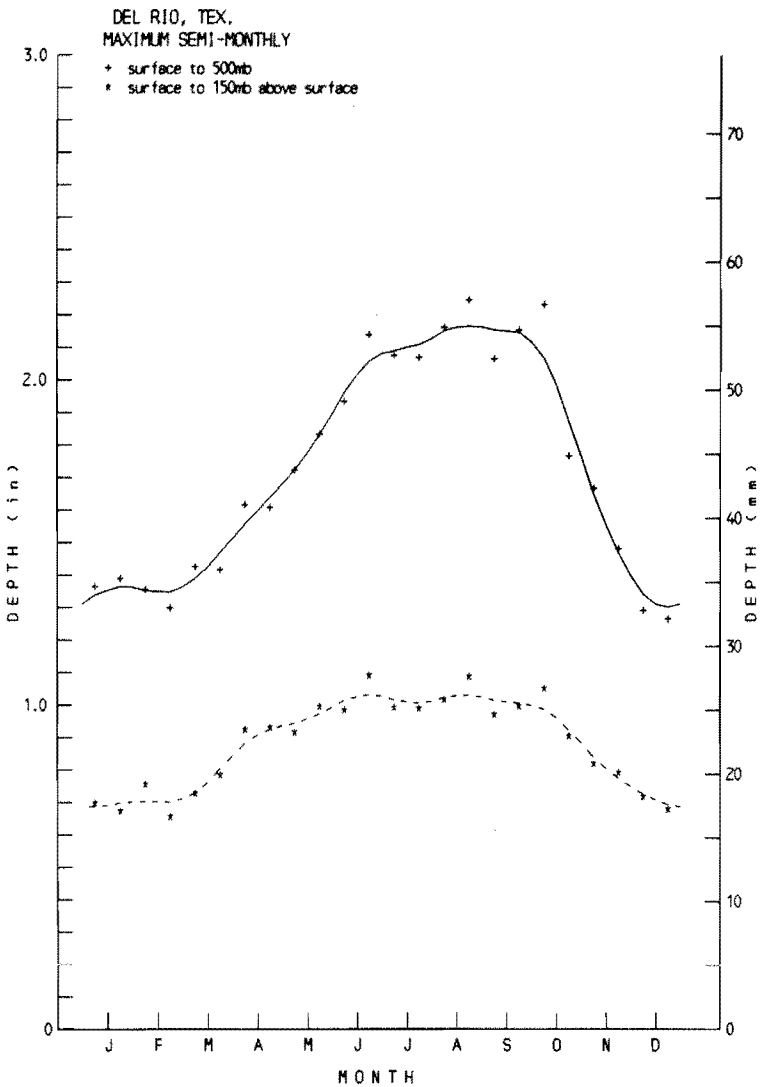
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.4681	(1.3654)	55019912	1.9171	(.7548)	.6127	(.2412)	1.9527	(.7688)	.6853	(.2698)	JAN-1
2	2.8423	(1.1190)	49019912	1.7793	(.7005)	.5382	(.2119)	1.7416	(.6857)	.6798	(.2676)	2
FEB-1	3.0523	(1.2017)	49029900	1.9296	(.7597)	.5034	(.1982)	1.8934	(.7455)	.4678	(.1842)	FEB-1
2	3.0429	(1.1980)	48029912	1.7867	(.7034)	.5920	(.2331)	1.7786	(.7003)	.5504	(.2167)	2
MAR-1	2.8829	(1.1350)	46030603	1.9585	(.7711)	.4466	(.1758)	1.9573	(.7706)	.4718	(.1857)	MAR-1
2	3.2423	(1.2765)	54039900	2.2963	(.9041)	.4166	(.1640)	2.3366	(.9199)	.4819	(.1897)	2
APR-1	3.9187	(1.5428)	47040503	2.5534	(1.0053)	.5948	(.2342)	2.5061	(.9866)	.4614	(.1817)	APR-1
2	3.8026	(1.4971)	68042000	3.0826	(1.2136)	.4052	(.1595)	3.0898	(1.2164)	.2660	(.1047)	2
MAY-1	3.9774	(1.5659)	47051515	3.0984	(1.2198)	.4059	(.1598)	3.2103	(1.2639)	.4430	(.1744)	MAY-1
2	3.9642	(1.5607)	64059900	3.5356	(1.3920)	.3078	(.1212)	3.4670	(1.3649)	.2562	(.1009)	2
JUN-1	5.1305	(2.0199)	57069912	4.0247	(1.5845)	.4376	(.1723)	3.9152	(1.5414)	.4099	(.1614)	JUN-1
2	5.0990	(2.0075)	52069900	4.1597	(1.6377)	.4342	(.1709)	4.2139	(1.6590)	.3478	(.1369)	2
JUL-1	5.4328	(2.1389)	60079900	4.3650	(1.7185)	.5023	(.1977)	4.4697	(1.7597)	.4077	(.1605)	JUL-1
2	5.4277	(2.1369)	51079900	4.6892	(1.8461)	.4631	(.1823)	4.6824	(1.8435)	.3961	(.1560)	2
AUG-1	5.8621	(2.3079)	55089900	4.6527	(1.8318)	.6082	(.2394)	4.5867	(1.8058)	.4748	(.1869)	AUG-1
2	5.1725	(2.0364)	69082100	4.4954	(1.7698)	.4122	(.1623)	4.2679	(1.6803)	.4018	(.1582)	2
SEP-1	4.6799	(1.8425)	57099900	3.9738	(1.5645)	.4160	(.1638)	3.9016	(1.5361)	.4387	(.1727)	SEP-1
2	5.0208	(1.9767)	58099900	3.8446	(1.5136)	.6642	(.2615)	3.6796	(1.4487)	.6023	(.2371)	2
OCT-1	4.8689	(1.9169)	54109912	3.2684	(1.2868)	.7182	(.2828)	3.4114	(1.3431)	.7175	(.2825)	OCT-1
2	3.9822	(1.5678)	49109900	2.8778	(1.1330)	.6155	(.2423)	2.7649	(1.0885)	.6621	(.2607)	2
NOV-1	3.6015	(1.4179)	64119912	2.5142	(.9898)	.4941	(.1945)	2.5679	(1.0110)	.5492	(.2162)	NOV-1
2	3.8572	(1.5186)	64119900	2.2850	(.8996)	.6302	(.2481)	2.2914	(.9021)	.5288	(.2082)	2
DEC-1	3.2301	(1.2717)	49121103	2.2390	(.8815)	.6306	(.2483)	2.1890	(.8618)	.5007	(.1971)	DEC-1
2	2.7686	(1.0900)	49129900	1.8829	(.7413)	.5080	(.2000)	1.9792	(.7792)	.4901	(.1930)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.5392	(.6060)	55019900	.8951	(.3524)	.3104	(.1222)	.9133	(.3596)	.3519	(.1385)	JAN-1
2	1.4130	(.5563)	67012412	.8221	(.3237)	.3098	(.1220)	.9126	(.3593)	.3690	(.1453)	2
FEB-1	1.5027	(.5916)	57029900	.9444	(.3718)	.2482	(.0977)	.9131	(.3595)	.2428	(.0956)	FEB-1
2	1.5057	(.5928)	48029912	.8404	(.3309)	.2736	(.1077)	.8769	(.3452)	.3101	(.1221)	2
MAR-1	1.4630	(.5760)	61039912	.9725	(.3829)	.2710	(.1067)	.9890	(.3894)	.2700	(.1063)	MAR-1
2	1.7211	(.6776)	54039900	1.1294	(.4446)	.2671	(.1052)	1.1511	(.4532)	.2348	(.0924)	2
APR-1	1.8956	(.7463)	47040503	1.2520	(.4929)	.3123	(.1229)	1.2033	(.4738)	.2814	(.1108)	APR-1
2	1.8072	(.7115)	67043012	1.5187	(.5979)	.1340	(.0527)	1.5374	(.6053)	.1698	(.0668)	2
MAY-1	1.9751	(.7776)	64059900	1.6142	(.6355)	.2154	(.0848)	1.6391	(.6453)	.2375	(.0935)	MAY-1
2	2.4186	(.9522)	53059900	1.8688	(.7357)	.1817	(.0715)	1.8076	(.7117)	.1392	(.0548)	2
JUN-1	2.5202	(.9922)	57069912	2.1198	(.8346)	.2470	(.0972)	2.0174	(.7942)	.2261	(.0890)	JUN-1
2	2.6045	(1.0254)	50069900	2.2054	(.8683)	.2427	(.0956)	2.1078	(.8298)	.1705	(.0671)	2
JUL-1	2.8179	(1.1094)	57079900	2.2605	(.8899)	.2308	(.0909)	2.1552	(.8485)	.1709	(.0673)	JUL-1
2	2.8796	(1.1337)	49079900	2.3130	(.9106)	.2085	(.0821)	2.2094	(.8699)	.1224	(.0482)	2
AUG-1	2.5806	(1.0160)	66080200	2.2632	(.8910)	.1863	(.0733)	2.2192	(.8737)	.1590	(.0626)	AUG-1
2	2.5433	(1.0013)	46081803	2.1881	(.8615)	.2136	(.0841)	2.1122	(.8316)	.1666	(.0656)	2
SEP-1	2.3571	(.9280)	61099900	1.9345	(.7616)	.2154	(.0848)	1.9430	(.7650)	.1747	(.0688)	SEP-1
2	2.2977	(.9046)	50099900	1.8275	(.7195)	.3086	(.1215)	1.8230	(.7177)	.2929	(.1153)	2
OCT-1	2.1582	(.8497)	54109912	1.6481	(.6488)	.3708	(.1460)	1.6466	(.6483)	.3378	(.1330)	OCT-1
2	1.9804	(.7797)	49109912	1.4062	(.5536)	.2947	(.1160)	1.3909	(.5476)	.2827	(.1113)	2
NOV-1	1.6861	(.6638)	64119912	1.2631	(.4973)	.2215	(.0872)	1.3032	(.5131)	.2507	(.0987)	NOV-1
2	1.8583	(.7316)	58119912	1.1857	(.4668)	.2843	(.1119)	1.1841	(.4662)	.3016	(.1187)	2
DEC-1	1.7379	(.6842)	48129900	1.0718	(.4220)	.3051	(.1201)	1.0793	(.4249)	.3071	(.1209)	DEC-1
2	1.5199	(.5984)	67122100	.9080	(.3575)	.2490	(.0980)	.9261	(.3646)	.2681	(.1055)	2

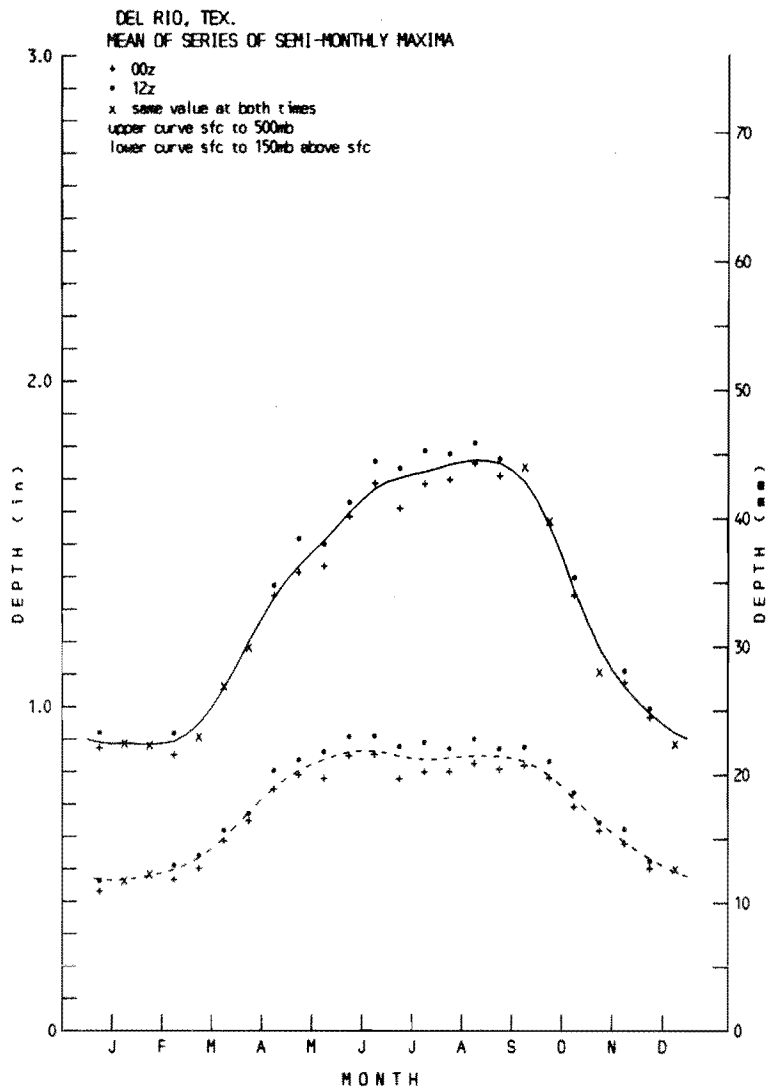

DAYTON, OHIO
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


DAYTON, OHIO
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

DAYTON, OHIO 21 YEARS OF RECORD

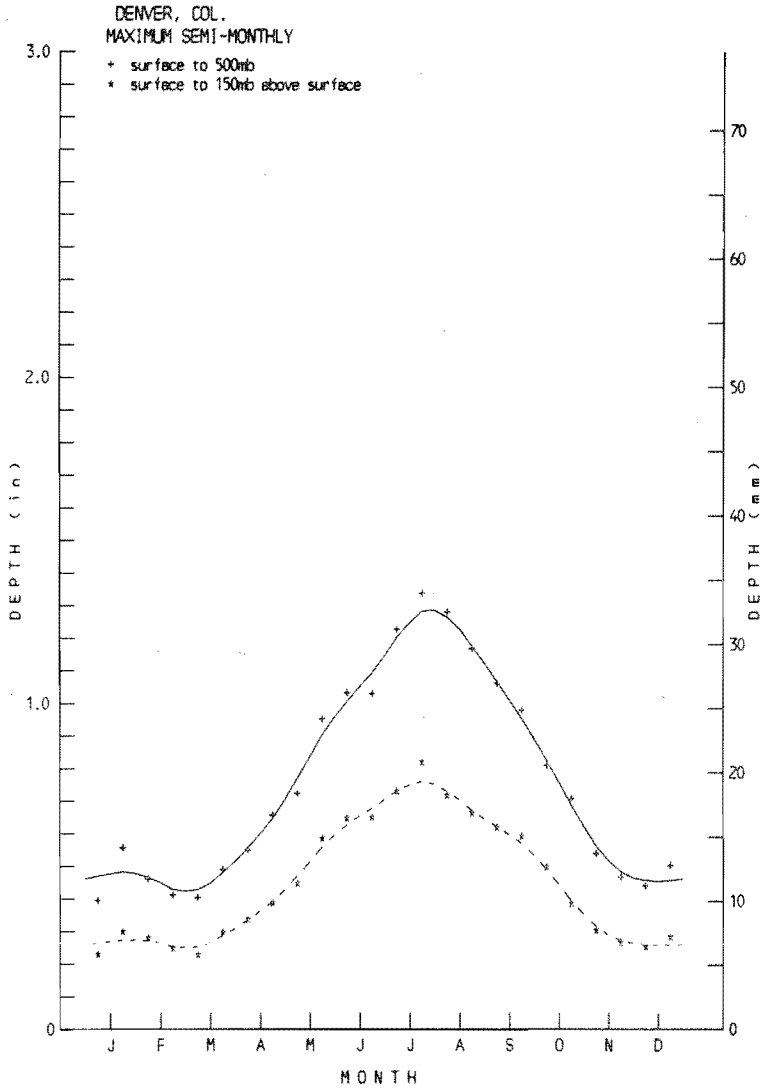
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.0310	(1.1933)	55010403	1.8576	(.7313)	.5619	(.2212)	1.8842	(.7418)	.4745	(.1868)	JAN-1
2	2.8684	(1.1293)	54012703	1.9144	(.7537)	.5389	(.2122)	1.8045	(.7104)	.5932	(.2335)	2
FEB-1	2.6591	(1.0469)	59021012	1.8109	(.7130)	.3942	(.1552)	1.9664	(.7742)	.4113	(.1619)	FEB-1
2	2.7422	(1.0796)	54021615	1.7154	(.6753)	.5771	(.2272)	1.7208	(.6775)	.6005	(.2364)	2
MAR-1	3.1171	(1.2272)	61030600	2.1391	(.8422)	.6193	(.2438)	2.0189	(.7949)	.5656	(.2227)	MAR-1
2	3.2774	(1.2903)	54032503	2.1330	(.8398)	.5097	(.2007)	2.1664	(.8529)	.4152	(.1635)	2
APR-1	3.4574	(1.3612)	52041303	2.5464	(1.0025)	.4900	(.1929)	2.4222	(.9536)	.5031	(.1981)	APR-1
2	3.7564	(1.4789)	57042315	2.8471	(1.1209)	.3600	(.1418)	2.9324	(1.1545)	.3916	(.1542)	2
MAY-1	3.8316	(1.5085)	56051015	2.9839	(1.1747)	.3141	(.1237)	3.1810	(1.2523)	.3385	(.1333)	MAY-1
2	4.1890	(1.6492)	59053000	3.2181	(1.2670)	.4666	(.1837)	3.2766	(1.2900)	.3858	(.1519)	2
JUN-1	4.2469	(1.6720)	61061412	3.6684	(1.4443)	.2747	(.1081)	3.6584	(1.4403)	.3406	(.1341)	JUN-1
2	5.0957	(2.0062)	56062103	3.8347	(1.5097)	.5163	(.2033)	3.7370	(1.4713)	.4659	(.1834)	2
JUL-1	5.1991	(2.0469)	54071503	4.0962	(1.6127)	.3644	(.1435)	4.0344	(1.5884)	.3942	(.1552)	JUL-1
2	5.0236	(1.9778)	53072215	4.3023	(1.6938)	.3284	(.1293)	4.2801	(1.6851)	.3658	(.1440)	2
AUG-1	5.1313	(2.0202)	59080412	4.0212	(1.5831)	.6003	(.2363)	4.1646	(1.6396)	.5416	(.2132)	AUG-1
2	5.0213	(1.9769)	54082703	4.0648	(1.6003)	.4211	(.1658)	3.9687	(1.5625)	.4204	(.1655)	2
SEP-1	5.0884	(2.0033)	65090900	3.9451	(1.5532)	.4685	(.1845)	3.8770	(1.5264)	.4062	(.1599)	SEP-1
2	4.5817	(1.8038)	55092315	3.4924	(1.3750)	.5873	(.2312)	3.7009	(1.4570)	.5422	(.2135)	2
OCT-1	4.6396	(1.8266)	65100100	3.2366	(1.2743)	.6793	(.2675)	3.1189	(1.2279)	.6330	(.2492)	OCT-1
2	3.8202	(1.5040)	71102200	2.7593	(1.0864)	.5943	(.2340)	2.8235	(1.1116)	.5256	(.2069)	2
NOV-1	3.7407	(1.4727)	72110112	2.3981	(.9442)	.4156	(.1636)	2.5737	(1.0133)	.6005	(.2364)	NOV-1
2	3.6581	(1.4402)	61111612	2.4975	(.9833)	.4357	(.1715)	2.5319	(.9968)	.5316	(.2093)	2
DEC-1	3.2362	(1.2741)	51120715	2.1119	(.8315)	.4784	(.1884)	2.1663	(.8529)	.5283	(.2080)	DEC-1
2	3.1011	(1.2209)	67122200	2.0000	(.7874)	.5088	(.2003)	1.9511	(.7681)	.4777	(.1881)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.3642	(.5371)	55010603	.8369	(.3295)	.2793	(.1100)	.8431	(.3319)	.2584	(.1017)	JAN-1
2	1.3586	(.5349)	67012412	.9487	(.3735)	.2658	(.1046)	.8493	(.3344)	.3311	(.1303)	2
FEB-1	1.3365	(.5262)	65021000	.9067	(.3570)	.2513	(.0989)	.8949	(.3523)	.2324	(.0915)	FEB-1
2	1.4100	(.5551)	56022503	.8059	(.3173)	.3210	(.1264)	.8051	(.3169)	.3013	(.1186)	2
MAR-1	1.4846	(.5845)	53030403	1.0763	(.4237)	.3311	(.1304)	.9945	(.3915)	.3200	(.1260)	MAR-1
2	1.3378	(.5267)	60033000	.9886	(.3892)	.2323	(.0915)	1.0099	(.3976)	.1811	(.0713)	2
APR-1	1.8379	(.7236)	72041300	1.2832	(.5052)	.2872	(.1131)	1.1836	(.4660)	.2576	(.1014)	APR-1
2	1.8705	(.7364)	70043012	1.4110	(.5555)	.1835	(.0722)	1.4139	(.5567)	.2623	(.1033)	2
MAY-1	1.8103	(.7127)	63051100	1.5245	(.6002)	.1867	(.0735)	1.5316	(.6030)	.1406	(.0553)	MAY-1
2	2.2019	(.8669)	53053103	1.6408	(.6460)	.2307	(.0908)	1.6240	(.6394)	.1909	(.0752)	2
JUN-1	2.1656	(.8526)	54061203	1.9109	(.7523)	.1575	(.0620)	1.8552	(.7304)	.1402	(.0552)	JUN-1
2	2.4338	(.9582)	56062103	1.9814	(.7801)	.2432	(.0957)	1.9277	(.7589)	.2581	(.1016)	2
JUL-1	2.3566	(.9278)	54071503	2.0576	(.8101)	.1863	(.0734)	1.9916	(.7841)	.1419	(.0559)	JUL-1
2	2.4745	(.9742)	55072715	2.1269	(.8374)	.1888	(.0743)	2.1570	(.8492)	.2102	(.0828)	2
AUG-1	2.5032	(.9855)	64080400	2.0806	(.8191)	.2245	(.0884)	2.0586	(.8105)	.1949	(.0767)	AUG-1
2	2.6477	(1.0424)	59081900	2.0691	(.8146)	.2390	(.0941)	2.0044	(.7891)	.1954	(.0769)	2
SEP-1	2.2951	(.9036)	70090812	1.8976	(.7471)	.1906	(.0750)	1.8798	(.7401)	.1907	(.0751)	SEP-1
2	2.2692	(.8934)	58092600	1.7764	(.6994)	.2823	(.1111)	1.7991	(.7083)	.1960	(.0772)	2
OCT-1	2.0414	(.8037)	54100315	1.5691	(.6178)	.2511	(.0989)	1.5722	(.6190)	.2834	(.1116)	OCT-1
2	1.6540	(.6512)	71102200	1.3123	(.5167)	.2265	(.0892)	1.3308	(.5239)	.2407	(.0948)	2
NOV-1	1.7226	(.6782)	55111403	1.2209	(.4807)	.2565	(.1010)	1.2594	(.4958)	.2678	(.1054)	NOV-1
2	1.6868	(.6641)	58111712	1.2240	(.4819)	.2172	(.0855)	1.1783	(.4639)	.2740	(.1079)	2
DEC-1	1.3942	(.5489)	66120900	1.0197	(.4014)	.2610	(.1028)	1.0066	(.3963)	.2709	(.1067)	DEC-1
2	1.4887	(.5861)	67122112	.9466	(.3727)	.2674	(.1053)	.9376	(.3691)	.2630	(.1035)	2

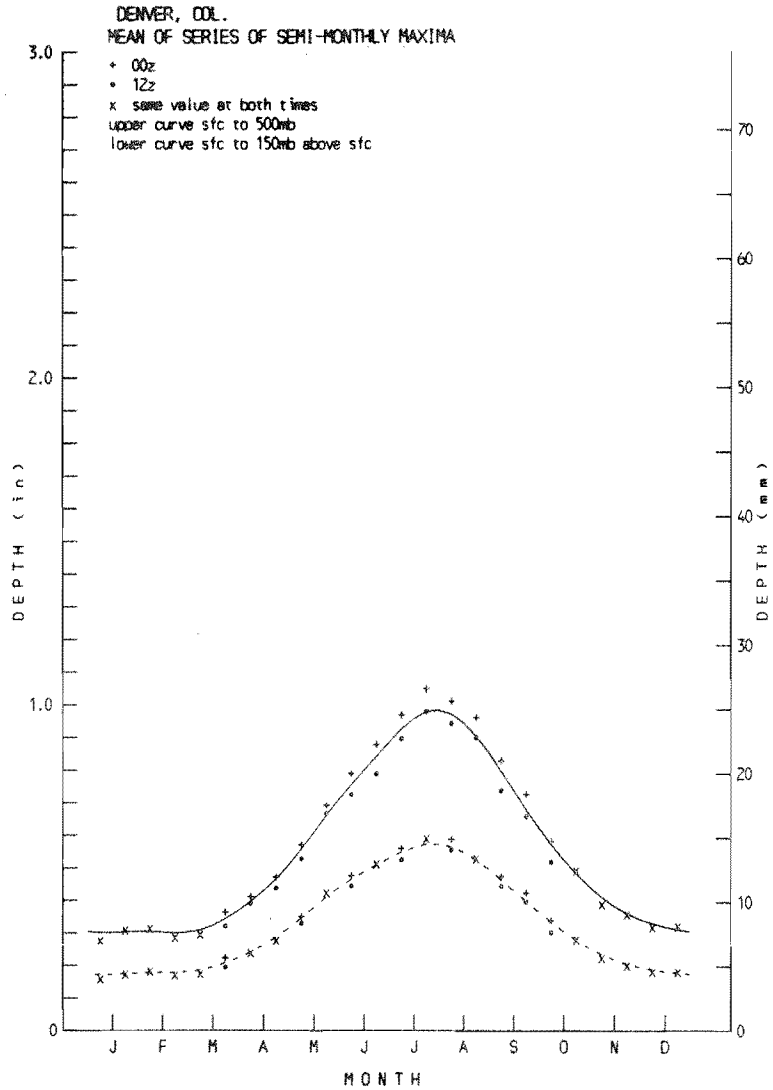

DEL RIO, TEX.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


DEL RIO, TEX.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

DEL RIO, TEX. 19 YEARS OF RECORD

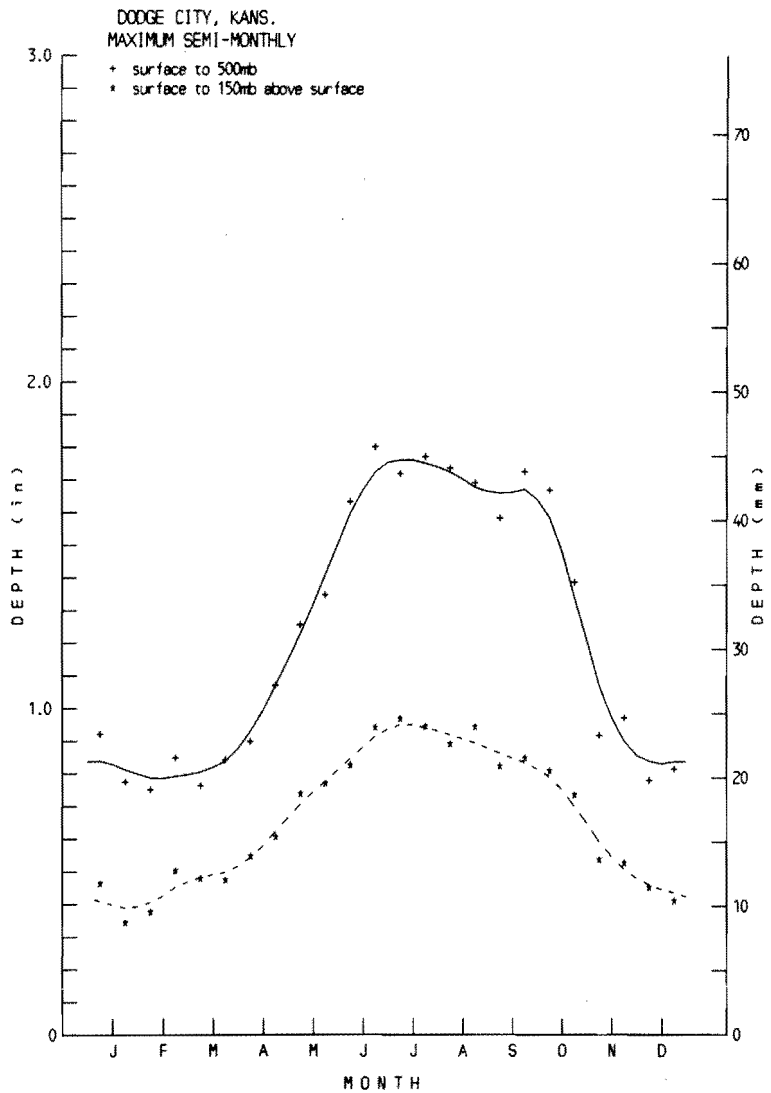
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.4620	(1.3630)	63010412	2.2135	(.8714)	.6922	(.2725)	2.3332	(.9186)	.6960	(.2740)	JAN-1
2	3.5260	(1.3882)	68013100	2.2816	(.8983)	.5443	(.2143)	2.2407	(.8822)	.5756	(.2266)	2
FEB-1	3.4394	(1.3541)	57020515	2.2624	(.8907)	.4906	(.1931)	2.2339	(.8795)	.4895	(.1927)	FEB-1
2	3.2962	(1.2977)	57021615	2.1594	(.8501)	.4725	(.1860)	2.3286	(.9168)	.4468	(.1759)	2
MAR-1	3.6177	(1.4243)	55030603	2.3340	(.9189)	.6142	(.2418)	2.2908	(.9019)	.3908	(.1539)	MAR-1
2	3.5951	(1.4154)	55031615	2.7347	(1.0767)	.4489	(.1767)	2.6884	(1.0584)	.4563	(.1796)	2
APR-1	4.0993	(1.6139)	59040800	3.0083	(1.1844)	.5975	(.2352)	3.0146	(1.1869)	.4402	(.1733)	APR-1
2	4.0805	(1.6065)	66042900	3.4027	(1.3396)	.3759	(.1480)	3.4842	(1.3717)	.4309	(.1696)	2
MAY-1	4.3708	(1.7208)	65051112	3.5824	(1.4104)	.4525	(.1781)	3.8474	(1.5147)	.2932	(.1154)	MAY-1
2	4.6512	(1.8312)	57052515	3.6324	(1.4301)	.5449	(.2145)	3.8035	(1.4975)	.3256	(.1282)	2
JUN-1	4.9068	(1.9318)	58061512	4.0184	(1.5821)	.4706	(.1853)	4.1299	(1.6259)	.4269	(.1681)	JUN-1
2	5.4275	(2.1368)	54062615	4.2778	(1.6842)	.5800	(.2284)	4.4483	(1.7513)	.5657	(.2227)	2
JUL-1	5.2664	(2.0734)	66070712	4.0823	(1.6072)	.6329	(.2492)	4.3935	(1.7297)	.4332	(.1705)	JUL-1
2	5.2509	(2.0673)	60072100	4.2724	(1.6821)	.6925	(.2726)	4.5305	(1.7836)	.4492	(.1769)	2
AUG-1	5.4861	(2.1599)	55081215	4.3049	(1.6949)	.5227	(.2058)	4.5058	(1.7739)	.5971	(.2351)	AUG-1
2	5.7015	(2.2447)	60082500	4.4301	(1.7441)	.5224	(.2057)	4.5887	(1.8066)	.2941	(.1158)	2
SEP-1	5.2403	(2.0631)	58090900	4.3338	(1.7062)	.3955	(.1557)	4.4658	(1.7582)	.3513	(.1383)	SEP-1
2	5.4656	(2.1518)	58092200	4.3983	(1.7316)	.5664	(.2230)	4.4316	(1.7447)	.6004	(.2364)	2
OCT-1	5.6645	(2.2301)	54100103	3.9754	(1.5651)	.7312	(.2879)	4.0142	(1.5804)	.6189	(.2437)	OCT-1
2	4.4836	(1.7652)	60101800	3.4029	(1.3397)	.5699	(.2244)	3.5418	(1.3944)	.6028	(.2373)	2
NOV-1	4.2306	(1.6656)	59110200	2.8212	(1.1107)	.5479	(.2157)	2.8132	(1.1076)	.5748	(.2263)	NOV-1
2	3.7600	(1.4803)	64111612	2.7186	(1.0703)	.5785	(.2278)	2.8103	(1.1064)	.5461	(.2150)	2
DEC-1	3.2771	(1.2902)	56120615	2.4467	(.9633)	.3564	(.1403)	2.5164	(.9907)	.5281	(.2079)	DEC-1
2	3.2121	(1.2646)	71121700	2.2570	(.8886)	.4407	(.1735)	2.2448	(.8838)	.3327	(.1310)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.7678	(.6960)	55010315	1.0925	(.4301)	.3651	(.1437)	1.1751	(.4626)	.3720	(.1465)	JAN-1
2	1.7061	(.6717)	69012912	1.1842	(.4662)	.3119	(.1228)	1.1867	(.4672)	.2980	(.1173)	2
FEB-1	1.9149	(.7539)	57020515	1.2174	(.4793)	.2826	(.1113)	1.2543	(.4938)	.2733	(.1076)	FEB-1
2	1.6629	(.6547)	71022512	1.1811	(.4650)	.2523	(.0994)	1.2919	(.5086)	.2181	(.0859)	2
MAR-1	1.8438	(.7259)	55030603	1.2686	(.4995)	.3102	(.1221)	1.3715	(.5400)	.2491	(.0981)	MAR-1
2	1.9881	(.7827)	55031615	1.4857	(.5849)	.1632	(.0642)	1.5682	(.6174)	.1947	(.0766)	2
APR-1	2.3429	(.9224)	54041103	1.6433	(.6470)	.3172	(.1249)	1.7013	(.6698)	.2472	(.0973)	APR-1
2	2.3604	(.9293)	70042912	1.8910	(.7445)	.2423	(.0954)	2.0363	(.8017)	.2216	(.0872)	2
MAY-1	2.3233	(.9147)	61050812	2.0047	(.7893)	.2080	(.0819)	2.1211	(.8351)	.1337	(.0526)	MAY-1
2	2.5265	(.9947)	57052503	1.9752	(.7776)	.3068	(.1208)	2.1841	(.8599)	.2047	(.0806)	2
JUN-1	2.4968	(.9830)	67061212	2.1521	(.8473)	.1891	(.0744)	2.3028	(.9066)	.1643	(.0647)	JUN-1
2	2.7696	(1.0904)	57063012	2.1640	(.8520)	.2006	(.0790)	2.3068	(.9082)	.2049	(.0807)	2
JUL-1	2.5187	(.9916)	66070812	1.9713	(.7761)	.2325	(.0915)	2.2244	(.8757)	.1650	(.0650)	JUL-1
2	2.5131	(.9894)	66072012	2.0259	(.7976)	.2823	(.1111)	2.2557	(.8881)	.1426	(.0561)	2
AUG-1	2.5822	(1.0166)	63081000	2.0273	(.7982)	.3083	(.1214)	2.2080	(.8693)	.1961	(.0772)	AUG-1
2	2.7615	(1.0872)	60082500	2.0904	(.8230)	.2319	(.0913)	2.2824	(.8986)	.1410	(.0555)	2
SEP-1	2.4646	(.9703)	62091212	2.0472	(.8060)	.1705	(.0671)	2.2064	(.8686)	.1309	(.0515)	SEP-1
2	2.5326	(.9971)	58092200	2.0755	(.8171)	.2402	(.0946)	2.2173	(.8729)	.1665	(.0656)	2
OCT-1	2.6700	(1.0512)	54100103	1.9798	(.7795)	.2611	(.1028)	2.1068	(.8295)	.2162	(.0851)	OCT-1
2	2.2979	(.9047)	71101912	1.7511	(.6894)	.3093	(.1218)	1.8619	(.7330)	.2844	(.1120)	2
NOV-1	2.0803	(.8190)	59110212	1.5634	(.6155)	.2262	(.0891)	1.6292	(.6414)	.2688	(.1058)	NOV-1
2	2.0114	(.7919)	64111612	1.4617	(.5755)	.2970	(.1169)	1.5763	(.6206)	.2699	(.1063)	2
DEC-1	1.8209	(.7169)	56120815	1.2665	(.4986)	.2098	(.0826)	1.3233	(.5210)	.2430	(.0957)	DEC-1
2	1.7224	(.6781)	71122912	1.2548	(.4940)	.2431	(.0957)	1.2913	(.5084)	.2122	(.0835)	2

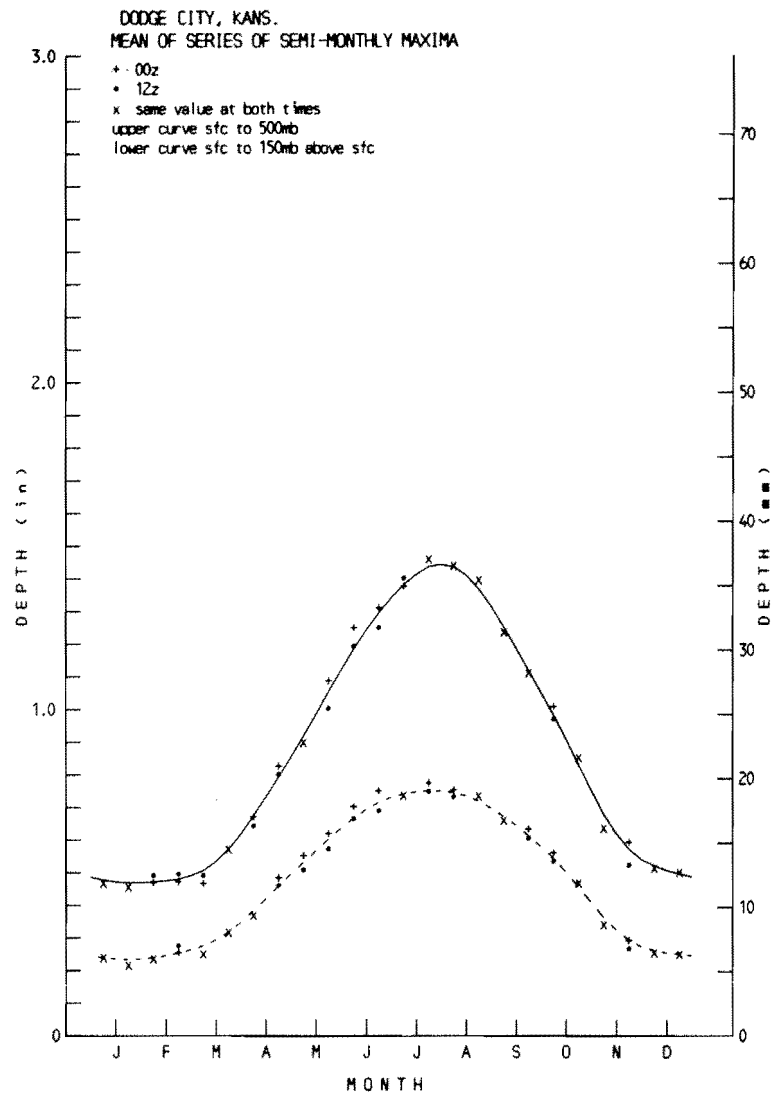

DENVER, COL.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


DENVER, COL.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

DENVER, COL. 24 YEARS OF RECORD

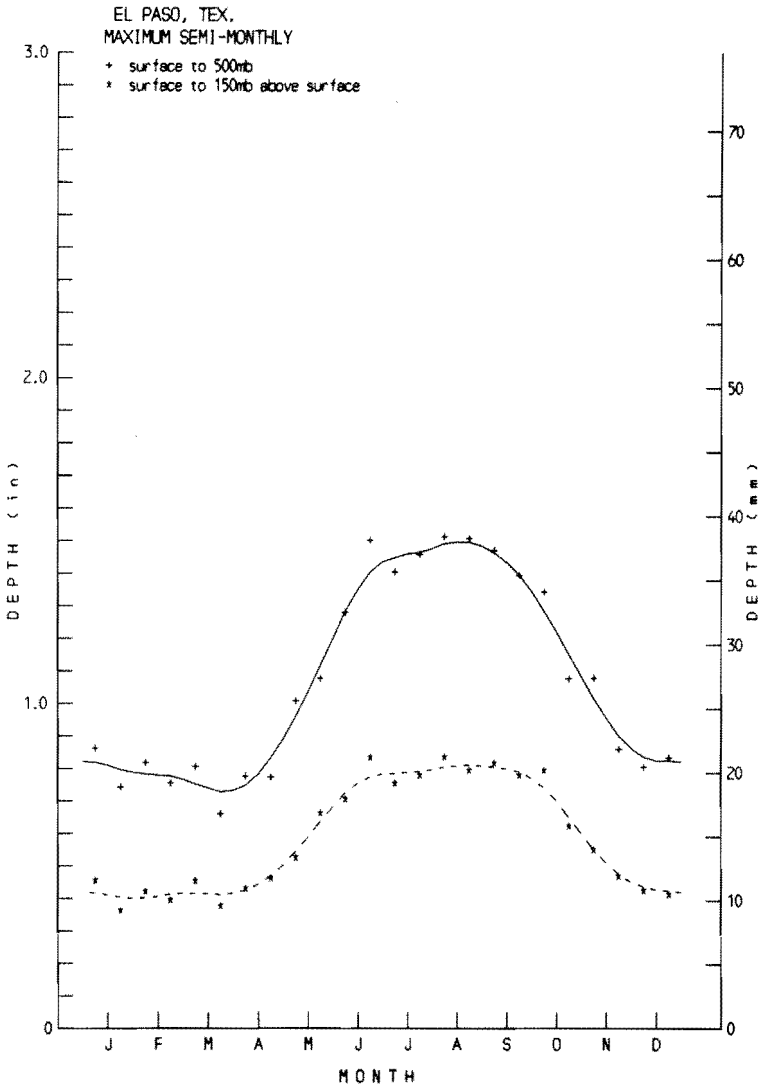
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.0013	(.3942)	69011412	.7269	(.2862)	.1265	(.0498)	.6913	(.2722)	.1412	(.0556)	JAN-1
2	1.4115	(.5557)	71011812	.7807	(.3074)	.1499	(.0590)	.7983	(.3143)	.2042	(.0804)	2
FEB-1	1.1709	(.4610)	50029900	.8134	(.3202)	.1773	(.0698)	.7941	(.3126)	.1455	(.0573)	FEB-1
2	1.0422	(.4103)	68022100	.7320	(.2882)	.1570	(.0618)	.7330	(.2886)	.1492	(.0587)	2
MAR-1	1.0211	(.4020)	72031500	.7668	(.3019)	.1196	(.0471)	.7470	(.2941)	.1109	(.0437)	MAR-1
2	1.2388	(.4877)	67031812	.9202	(.3623)	.1395	(.0549)	.8121	(.3197)	.1536	(.0605)	2
APR-1	1.3940	(.5488)	63049900	1.0412	(.4099)	.1580	(.0622)	.9882	(.3891)	.1895	(.0746)	APR-1
2	1.6642	(.6552)	49049912	1.1943	(.4702)	.1846	(.0727)	1.1084	(.4364)	.1643	(.0647)	2
MAY-1	1.8334	(.7218)	57059900	1.4454	(.5690)	.2621	(.1032)	1.3369	(.5263)	.2064	(.0813)	MAY-1
2	2.4163	(.9513)	67052600	1.7526	(.6900)	.3085	(.1214)	1.6885	(.6648)	.1948	(.0767)	2
JUN-1	2.6205	(1.0317)	49069900	2.0007	(.7877)	.2831	(.1115)	1.8369	(.7232)	.2777	(.1093)	JUN-1
2	2.6132	(1.0288)	59069912	2.2277	(.8770)	.2205	(.0868)	1.9980	(.7866)	.2766	(.1089)	2
JUL-1	3.1145	(1.2262)	53079912	2.4571	(.9674)	.2980	(.1173)	2.2735	(.8951)	.3149	(.1240)	JUL-1
2	3.3945	(1.3364)	50079900	2.6617	(1.0479)	.3019	(.1189)	2.4858	(.9786)	.2808	(.1105)	2
AUG-1	3.2507	(1.2798)	63089900	2.5639	(1.0094)	.4750	(.1870)	2.3922	(.9418)	.3153	(.1241)	AUG-1
2	2.9649	(1.1673)	71082000	2.4370	(.9594)	.3316	(.1305)	2.2805	(.8978)	.3100	(.1221)	2
SEP-1	2.6944	(1.0608)	71090800	2.0992	(.8265)	.3439	(.1354)	1.8691	(.7359)	.2780	(.1094)	SEP-1
2	2.4862	(.9788)	63099900	1.8368	(.7231)	.2720	(.1071)	1.6652	(.6556)	.3032	(.1194)	2
OCT-1	2.0556	(.8093)	62109900	1.4707	(.5790)	.2857	(.1125)	1.3115	(.5163)	.2228	(.0877)	OCT-1
2	1.7955	(.7069)	63109912	1.2780	(.5031)	.2318	(.0913)	1.2347	(.4861)	.2850	(.1122)	2
NOV-1	1.3665	(.5380)	54119912	1.0004	(.3939)	.1380	(.0543)	.9830	(.3870)	.1540	(.0606)	NOV-1
2	1.1836	(.4660)	50119912	.9255	(.3644)	.1552	(.0611)	.8987	(.3538)	.1775	(.0699)	2
DEC-1	1.1173	(.4399)	58129912	.8153	(.3210)	.1692	(.0666)	.8063	(.3175)	.1751	(.0689)	DEC-1
2	1.2748	(.5019)	64129900	.8259	(.3251)	.1685	(.0663)	.8152	(.3210)	.1468	(.0578)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.5812	(.2288)	59019912	.4187	(.1648)	.0716	(.0282)	.3994	(.1572)	.0801	(.0315)	JAN-1
2	.7590	(.2988)	71011812	.4469	(.1760)	.0887	(.0349)	.4497	(.1771)	.1139	(.0449)	2
FEB-1	.7061	(.2780)	50029900	.4793	(.1887)	.0962	(.0379)	.4618	(.1818)	.0856	(.0337)	FEB-1
2	.6256	(.2463)	68022300	.4423	(.1741)	.0947	(.0373)	.4394	(.1730)	.0903	(.0355)	2
MAR-1	.5748	(.2263)	68031000	.4577	(.1802)	.0669	(.0264)	.4462	(.1757)	.0661	(.0260)	MAR-1
2	.7503	(.2954)	53039900	.5631	(.2217)	.0804	(.0316)	.4891	(.1926)	.0919	(.0362)	2
APR-1	.8514	(.3352)	63049900	.6272	(.2469)	.0931	(.0367)	.6017	(.2369)	.0937	(.0369)	APR-1
2	.9812	(.3863)	53049900	.7196	(.2833)	.1298	(.0511)	.7018	(.2763)	.0839	(.0330)	2
MAY-1	1.1328	(.4460)	49059900	.8862	(.3489)	.1670	(.0657)	.8336	(.3282)	.1276	(.0502)	MAY-1
2	1.4831	(.5839)	67052600	1.1039	(.4346)	.1875	(.0738)	1.0639	(.4189)	.1098	(.0432)	2
JUN-1	1.6411	(.6461)	49069900	1.2049	(.4744)	.1755	(.0691)	1.1245	(.4427)	.1861	(.0733)	JUN-1
2	1.6492	(.6493)	65063012	1.3261	(.5221)	.1398	(.0550)	1.2894	(.5077)	.1668	(.0657)	2
JUL-1	1.8519	(.7291)	53079912	1.4181	(.5583)	.1620	(.0638)	1.3291	(.5233)	.1736	(.0683)	JUL-1
2	2.0787	(.8184)	50079900	1.5295	(.6022)	.1877	(.0739)	1.4839	(.5842)	.1563	(.0615)	2
AUG-1	1.8222	(.7174)	72080100	1.4883	(.5859)	.2230	(.0878)	1.4060	(.5535)	.1637	(.0645)	AUG-1
2	1.6828	(.6625)	71082000	1.3755	(.5415)	.1976	(.0778)	1.3250	(.5216)	.1731	(.0681)	2
SEP-1	1.5715	(.6187)	51099900	1.1969	(.4712)	.2309	(.0909)	1.1223	(.4419)	.1860	(.0732)	SEP-1
2	1.5022	(.5914)	63099900	1.0697	(.4211)	.1763	(.0694)	.9986	(.3932)	.1673	(.0659)	2
OCT-1	1.2634	(.4974)	62109900	.8558	(.3369)	.1813	(.0714)	.7615	(.2998)	.1181	(.0465)	OCT-1
2	.9776	(.3849)	63109912	.7301	(.2875)	.1351	(.0532)	.7046	(.2774)	.1495	(.0589)	2
NOV-1	.7684	(.3025)	54119912	.5791	(.2280)	.0691	(.0272)	.5706	(.2246)	.0868	(.0342)	NOV-1
2	.6728	(.2649)	48119912	.5097	(.2007)	.0772	(.0304)	.5168	(.2035)	.0827	(.0326)	2
DEC-1	.6413	(.2525)	66120712	.4592	(.1808)	.0867	(.0342)	.4699	(.1850)	.0988	(.0389)	DEC-1
2	.7160	(.2819)	55129912	.4680	(.1843)	.0989	(.0389)	.4631	(.1823)	.0832	(.0328)	2

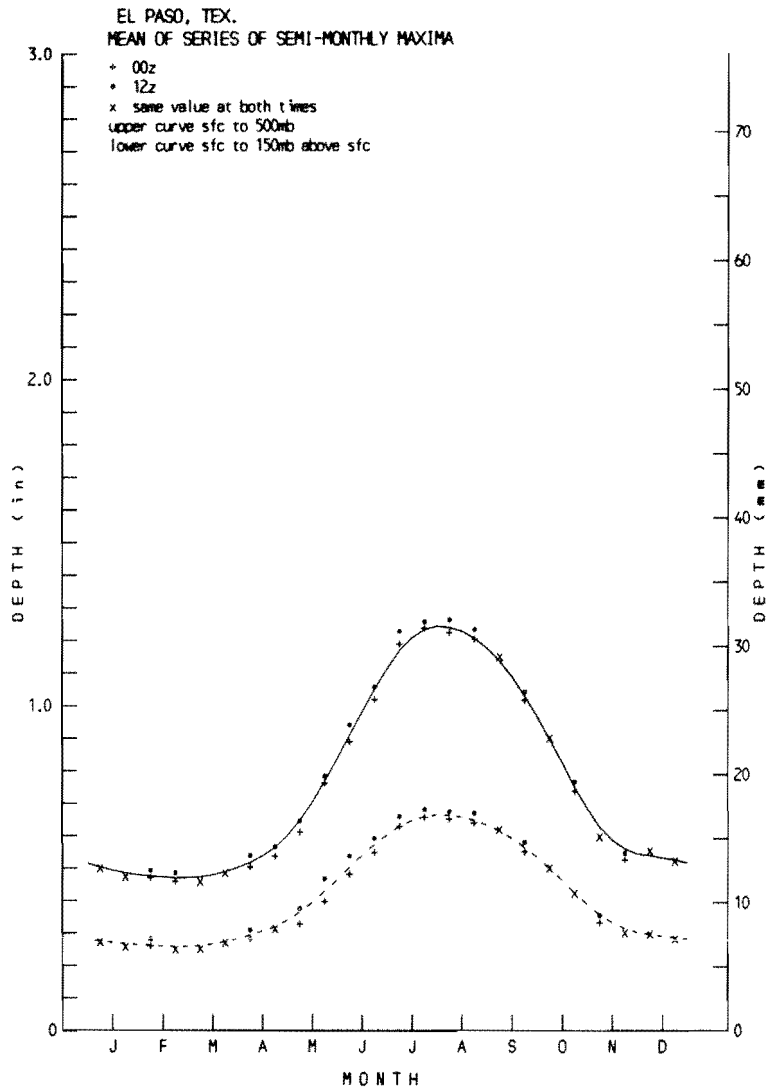

DODGE CITY, KANS.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


DODGE CITY, KANS.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

DODGE CITY, KANS. 27 YEARS OF RECORD

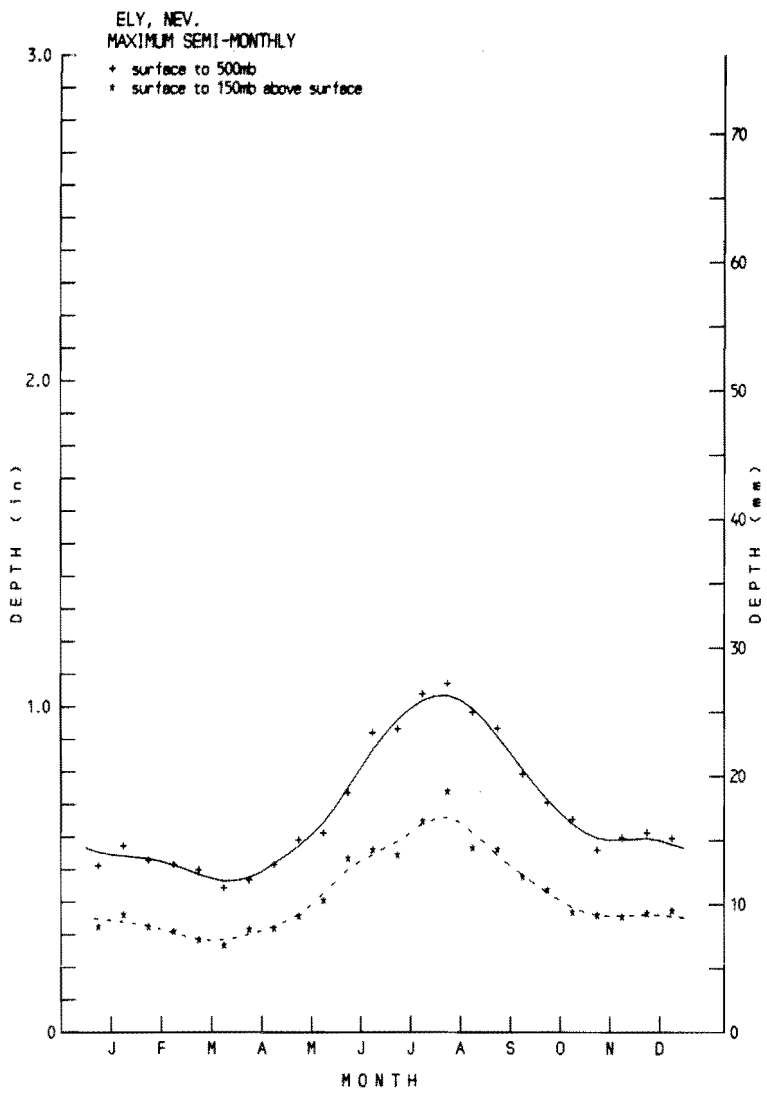
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED			MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z)				12Z(15Z)				MONTH
	MAXIMUM		DATE	MEAN		SD		MEAN		SD		
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
				SURFACE TO 500MB								
JAN-1	2.3376	(.9203)	55019912	1.1901	(.4685)	.3538	(.1393)	1.2059	(.4748)	.4222	(.1662)	JAN-1
2	1.9632	(.7729)	62019900	1.1485	(.4522)	.2658	(.1046)	1.1853	(.4666)	.2453	(.0966)	2
FEB-1	1.9030	(.7492)	62029900	1.1874	(.4675)	.2511	(.0989)	1.2441	(.4898)	.2555	(.1006)	FEB-1
2	2.1524	(.8474)	48029900	1.1947	(.4703)	.3317	(.1306)	1.2553	(.4942)	.3214	(.1265)	2
MAR-1	1.9357	(.7621)	51039912	1.1812	(.4650)	.2619	(.1031)	1.2443	(.4899)	.3146	(.1239)	MAR-1
2	2.1372	(.8414)	47039900	1.4771	(.5815)	.3431	(.1351)	1.4470	(.5697)	.2732	(.1076)	2
APR-1	2.2779	(.8968)	63049900	1.7008	(.6696)	.2992	(.1178)	1.6311	(.6422)	.2772	(.1091)	APR-1
2	2.7158	(1.0692)	51049900	2.0961	(.8252)	.3297	(.1298)	2.0340	(.8008)	.3010	(.1185)	2
MAY-1	3.1880	(1.2551)	58059900	2.3144	(.9112)	.3905	(.1537)	2.2694	(.8935)	.3557	(.1400)	MAY-1
2	3.4211	(1.3469)	49059900	2.7595	(1.0864)	.3512	(.1383)	2.5451	(1.0020)	.2577	(.1014)	2
JUN-1	4.1445	(1.6317)	48069900	3.1722	(1.2489)	.4235	(.1667)	3.0308	(1.1932)	.3040	(.1197)	JUN-1
2	4.5705	(1.7994)	58069900	3.3282	(1.3103)	.5087	(.2003)	3.1740	(1.2496)	.3124	(.1230)	2
JUL-1	4.3619	(1.7173)	71070912	3.4934	(1.3753)	.3270	(.1287)	3.5594	(1.4013)	.3943	(.1552)	JUL-1
2	4.4933	(1.7690)	67072500	3.7399	(1.4724)	.3822	(.1505)	3.6967	(1.4554)	.2687	(.1058)	2
AUG-1	4.4059	(1.7346)	53089900	3.6806	(1.4491)	.4099	(.1614)	3.6543	(1.4387)	.3803	(.1497)	AUG-1
2	4.2906	(1.6892)	61089900	3.5386	(1.3932)	.3712	(.1462)	3.5721	(1.4063)	.3259	(.1283)	2
SEP-1	4.0175	(1.5817)	58099912	3.1402	(1.2363)	.4499	(.1771)	3.1633	(1.2454)	.4916	(.1936)	SEP-1
2	4.3762	(1.7229)	46099900	2.8465	(1.1207)	.5120	(.2016)	2.8236	(1.1116)	.4813	(.1895)	2
OCT-1	4.2332	(1.6666)	46109900	2.5599	(1.0078)	.6584	(.2592)	2.4642	(.9701)	.5484	(.2159)	OCT-1
2	3.5174	(1.3848)	68101600	2.1815	(.8588)	.5820	(.2291)	2.1673	(.8532)	.4501	(.1772)	2
NOV-1	2.3274	(.9163)	61119900	1.6402	(.6457)	.3321	(.1308)	1.6099	(.6338)	.3313	(.1305)	NOV-1
2	2.4635	(.9699)	71111612	1.5036	(.5920)	.4077	(.1605)	1.3252	(.5217)	.4343	(.1710)	2
DEC-1	1.9766	(.7782)	47129900	1.3152	(.5178)	.2476	(.0975)	1.3111	(.5162)	.3134	(.1234)	DEC-1
2	2.0645	(.8128)	71122912	1.2851	(.5060)	.3140	(.1236)	1.2754	(.5021)	.3508	(.1381)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.1742	(.4623)	60019900	.6197	(.2440)	.1996	(.0786)	.6172	(.2430)	.2061	(.0811)	JAN-1
2	.8694	(.3423)	68012212	.5531	(.2178)	.1508	(.0594)	.5610	(.2209)	.1210	(.0476)	2
FEB-1	.9522	(.3749)	57029900	.6046	(.2380)	.1380	(.0543)	.6119	(.2409)	.1588	(.0625)	FEB-1
2	1.2723	(.5009)	71021812	.6436	(.2534)	.1880	(.0740)	.6958	(.2740)	.2037	(.0802)	2
MAR-1	1.2113	(.4769)	51039912	.6279	(.2472)	.1660	(.0654)	.6624	(.2608)	.2076	(.0817)	MAR-1
2	1.1986	(.4719)	47039900	.8355	(.3289)	.1765	(.0695)	.7942	(.3127)	.1773	(.0698)	2
APR-1	1.3851	(.5453)	67040112	.9687	(.3814)	.1880	(.0740)	.9238	(.3637)	.1982	(.0780)	APR-1
2	1.5364	(.6049)	64049900	1.2259	(.4826)	.1925	(.0758)	1.1672	(.4595)	.1528	(.0601)	2
MAY-1	1.8727	(.7373)	49059900	1.3993	(.5509)	.2011	(.0792)	1.2889	(.5074)	.2013	(.0792)	MAY-1
2	1.9550	(.7697)	56059900	1.5723	(.6190)	.1970	(.0775)	1.4516	(.5715)	.1629	(.0641)	2
JUN-1	2.0973	(.8257)	52069900	1.7814	(.7013)	.1644	(.0647)	1.6885	(.6648)	.1361	(.0536)	JUN-1
2	2.3909	(.9413)	57069900	1.9049	(.7500)	.2304	(.0907)	1.7498	(.6889)	.1220	(.0480)	2
JUL-1	2.4592	(.9682)	47079900	1.8997	(.7479)	.2246	(.0884)	1.8625	(.7333)	.1412	(.0556)	JUL-1
2	2.3980	(.9441)	50079900	1.9663	(.7741)	.2046	(.0806)	1.9014	(.7486)	.1245	(.0490)	2
AUG-1	2.2621	(.8906)	51089900	1.9117	(.7526)	.2071	(.0815)	1.8604	(.7324)	.1318	(.0519)	AUG-1
2	2.3955	(.9431)	46089912	1.8907	(.7444)	.1826	(.0719)	1.8653	(.7344)	.1756	(.0691)	2
SEP-1	2.0892	(.8225)	63099900	1.6842	(.6631)	.2533	(.0997)	1.6892	(.6651)	.1877	(.0739)	SEP-1
2	2.1506	(.8467)	58099900	1.6065	(.6325)	.2470	(.0972)	1.5367	(.6050)	.2320	(.0913)	2
OCT-1	2.0503	(.8072)	46109900	1.4221	(.5599)	.3033	(.1194)	1.3582	(.5347)	.2792	(.1099)	OCT-1
2	1.8644	(.7340)	68101600	1.1991	(.4721)	.3365	(.1325)	1.1989	(.4720)	.2735	(.1077)	2
NOV-1	1.3604	(.5356)	61119900	.8910	(.3508)	.2103	(.0828)	.8553	(.3367)	.1835	(.0722)	NOV-1
2	1.3330	(.5248)	71111700	.7386	(.2908)	.2442	(.0961)	.6748	(.2657)	.2117	(.0834)	2
DEC-1	1.1427	(.4499)	65121100	.6546	(.2577)	.1770	(.0697)	.6578	(.2590)	.1729	(.0681)	DEC-1
2	1.0381	(.4087)	49129912	.6634	(.2612)	.1718	(.0676)	.6247	(.2460)	.1666	(.0656)	2


EL PASO, TEX.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
x surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


EL PASO, TEX.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

EL PASO, TEX. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.1872	(.8611)	49019912	1.2654	(.4982)	.3714	(.1462)	1.2923	(.5088)	.4004	(.1576)	JAN-1
2	1.8819	(.7409)	52019912	1.2056	(.4747)	.3076	(.1211)	1.2181	(.4796)	.2704	(.1065)	2
FEB-1	2.0737	(.8164)	48029900	1.1919	(.4693)	.3484	(.1372)	1.2479	(.4913)	.3194	(.1257)	FEB-1
2	1.9141	(.7536)	59029912	1.1609	(.4570)	.3833	(.1509)	1.2283	(.4836)	.3688	(.1452)	2
MAR-1	2.0424	(.8041)	51039900	1.1653	(.4588)	.3589	(.1413)	1.1785	(.4640)	.3465	(.1364)	MAR-1
2	1.6734	(.6588)	55039900	1.2422	(.4891)	.2630	(.1035)	1.2414	(.4887)	.2684	(.1057)	2
APR-1	1.9672	(.7745)	54049912	1.2731	(.5012)	.2755	(.1085)	1.3643	(.5371)	.3090	(.1217)	APR-1
2	1.9614	(.7722)	46049912	1.3585	(.5348)	.2924	(.1151)	1.4309	(.5633)	.2960	(.1165)	2
MAY-1	2.5573	(1.0068)	47059912	1.5471	(.6091)	.3195	(.1258)	1.6348	(.6436)	.3510	(.1382)	MAY-1
2	2.7328	(1.0759)	58059912	1.9295	(.7597)	.4396	(.1731)	1.9855	(.7817)	.3318	(.1306)	2
JUN-1	3.2466	(1.2782)	53069912	2.2525	(.8868)	.4348	(.1712)	2.3852	(.9391)	.4510	(.1776)	JUN-1
2	3.8092	(1.4997)	66062900	2.5818	(1.0165)	.4786	(.1884)	2.6808	(1.0554)	.4307	(.1696)	2
JUL-1	3.5629	(1.4027)	68070600	3.0150	(1.1870)	.4053	(.1596)	3.1160	(1.2268)	.2995	(.1179)	JUL-1
2	3.6987	(1.4562)	48079912	3.1385	(1.2356)	.2508	(.0987)	3.1898	(1.2558)	.2965	(.1167)	2
AUG-1	3.8364	(1.5104)	66080312	3.1044	(1.2222)	.3111	(.1225)	3.2052	(1.2619)	.2647	(.1042)	AUG-1
2	3.8242	(1.5056)	51089900	3.0528	(1.2019)	.3472	(.1367)	3.1305	(1.2325)	.3324	(.1309)	2
SEP-1	3.7292	(1.4682)	58099900	2.9219	(1.1503)	.3966	(.1561)	2.9389	(1.1571)	.3775	(.1486)	SEP-1
2	3.5362	(1.3922)	58099900	2.5782	(1.0150)	.4701	(.1851)	2.6425	(1.0404)	.4416	(.1739)	2
OCT-1	3.4084	(1.3419)	55109912	2.3056	(.9077)	.5106	(.2010)	2.2881	(.9008)	.5449	(.2145)	OCT-1
2	2.7328	(1.0759)	69102100	1.8667	(.7349)	.5269	(.2075)	1.9400	(.7638)	.4002	(.1575)	2
NOV-1	2.7353	(1.0769)	57119900	1.5018	(.5913)	.4064	(.1600)	1.5450	(.6083)	.3949	(.1555)	NOV-1
2	2.1806	(.8585)	67112700	1.3300	(.5236)	.3494	(.1376)	1.3813	(.5438)	.3203	(.1261)	2
DEC-1	2.0432	(.8044)	51129900	1.4319	(.5637)	.3170	(.1248)	1.3922	(.5481)	.3297	(.1298)	DEC-1
2	2.1151	(.8327)	48129900	1.3323	(.5245)	.3711	(.1461)	1.3322	(.5245)	.4031	(.1587)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.1542	(.4544)	49019912	.6988	(.2751)	.1892	(.0745)	.7044	(.2773)	.1980	(.0779)	JAN-1
2	.9187	(.3617)	58019900	.6653	(.2619)	.1454	(.0573)	.6642	(.2615)	.1236	(.0487)	2
FEB-1	1.0683	(.4206)	57029912	.6564	(.2584)	.1874	(.0738)	.7117	(.2802)	.1693	(.0667)	FEB-1
2	1.0010	(.3941)	59029912	.6174	(.2431)	.1787	(.0704)	.6671	(.2626)	.1831	(.0721)	2
MAR-1	1.1491	(.4524)	51039900	.6329	(.2492)	.2054	(.0809)	.6621	(.2607)	.1835	(.0722)	MAR-1
2	.9538	(.3755)	46039900	.6834	(.2691)	.1516	(.0597)	.7069	(.2783)	.1422	(.0560)	2
APR-1	1.0899	(.4291)	54049912	.7127	(.2806)	.1481	(.0583)	.7810	(.3075)	.1833	(.0722)	APR-1
2	1.1717	(.4613)	58049900	.7865	(.3096)	.1869	(.0736)	.8205	(.3230)	.1798	(.0708)	2
MAY-1	1.3332	(.5249)	59059912	.8284	(.3261)	.2032	(.0800)	.9487	(.3735)	.1910	(.0752)	MAY-1
2	1.6794	(.6612)	58059912	1.0039	(.3953)	.2487	(.0979)	1.1822	(.4654)	.1924	(.0757)	2
JUN-1	1.7894	(.7045)	53069912	1.2184	(.4797)	.2329	(.0917)	1.3604	(.5356)	.2334	(.0919)	JUN-1
2	2.1168	(.8334)	66062900	1.3869	(.5460)	.2596	(.1022)	1.4991	(.5902)	.1952	(.0768)	2
JUL-1	1.9154	(.7541)	50079900	1.5905	(.6262)	.2365	(.0931)	1.6711	(.6579)	.1345	(.0530)	JUL-1
2	1.9769	(.7783)	58079900	1.6645	(.6553)	.1573	(.0619)	1.7254	(.6793)	.1354	(.0533)	2
AUG-1	2.1199	(.8346)	70080612	1.6497	(.6495)	.1537	(.0605)	1.7085	(.6727)	.1287	(.0507)	AUG-1
2	2.0168	(.7940)	51089900	1.6203	(.6379)	.1696	(.0668)	1.6974	(.6683)	.1528	(.0602)	2
SEP-1	2.0734	(.8163)	58099900	1.5670	(.6169)	.2134	(.0840)	1.5936	(.6274)	.1748	(.0688)	SEP-1
2	1.9787	(.7790)	58099900	1.3949	(.5492)	.2701	(.1063)	1.4693	(.5785)	.2327	(.0916)	2
OCT-1	2.0165	(.7939)	54109900	1.2778	(.5031)	.2878	(.1133)	1.2821	(.5047)	.2668	(.1050)	OCT-1
2	1.5819	(.6228)	58109900	1.0711	(.4217)	.2939	(.1157)	1.0932	(.4304)	.2131	(.0839)	2
NOV-1	1.3960	(.5496)	59119912	.8398	(.3306)	.1997	(.0786)	.8964	(.3529)	.2068	(.0814)	NOV-1
2	1.1882	(.4678)	67112712	.7596	(.2990)	.1984	(.0781)	.7857	(.3093)	.1491	(.0587)	2
DEC-1	1.0770	(.4240)	48129912	.7781	(.3063)	.1451	(.0571)	.7467	(.2940)	.1624	(.0639)	DEC-1
2	1.0457	(.4117)	72122812	.7085	(.2789)	.1640	(.0646)	.7390	(.2910)	.1931	(.0760)	2


ELY, NEV.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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2.0
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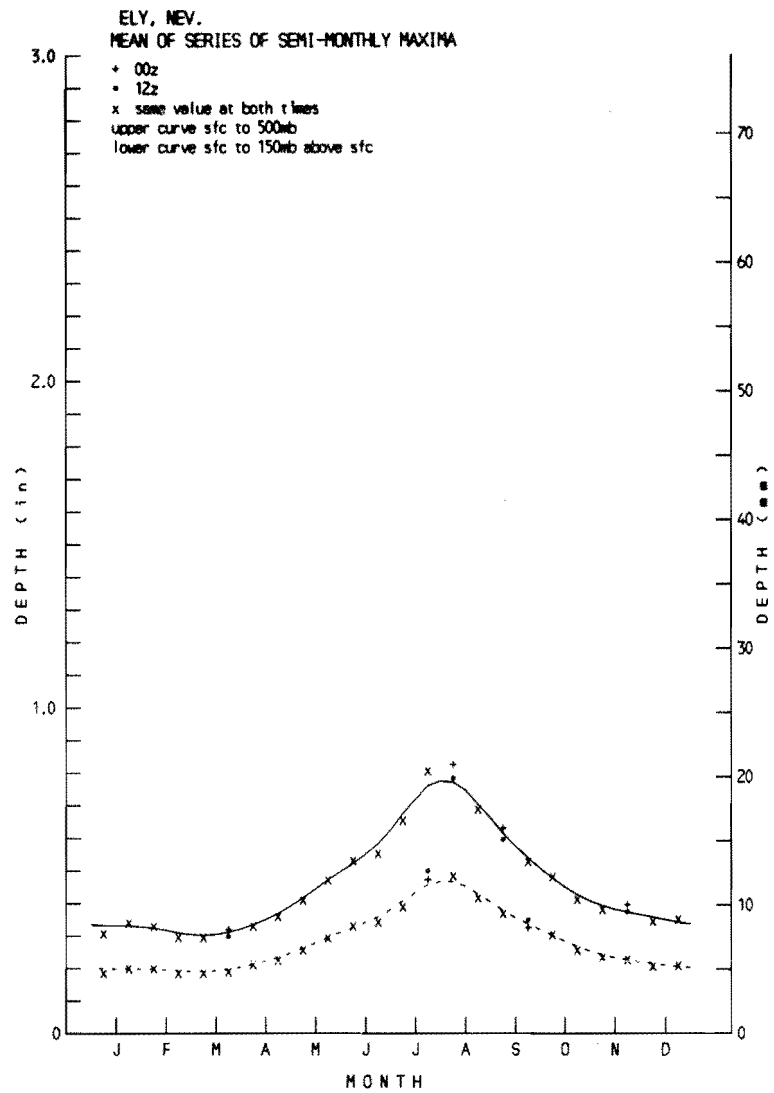
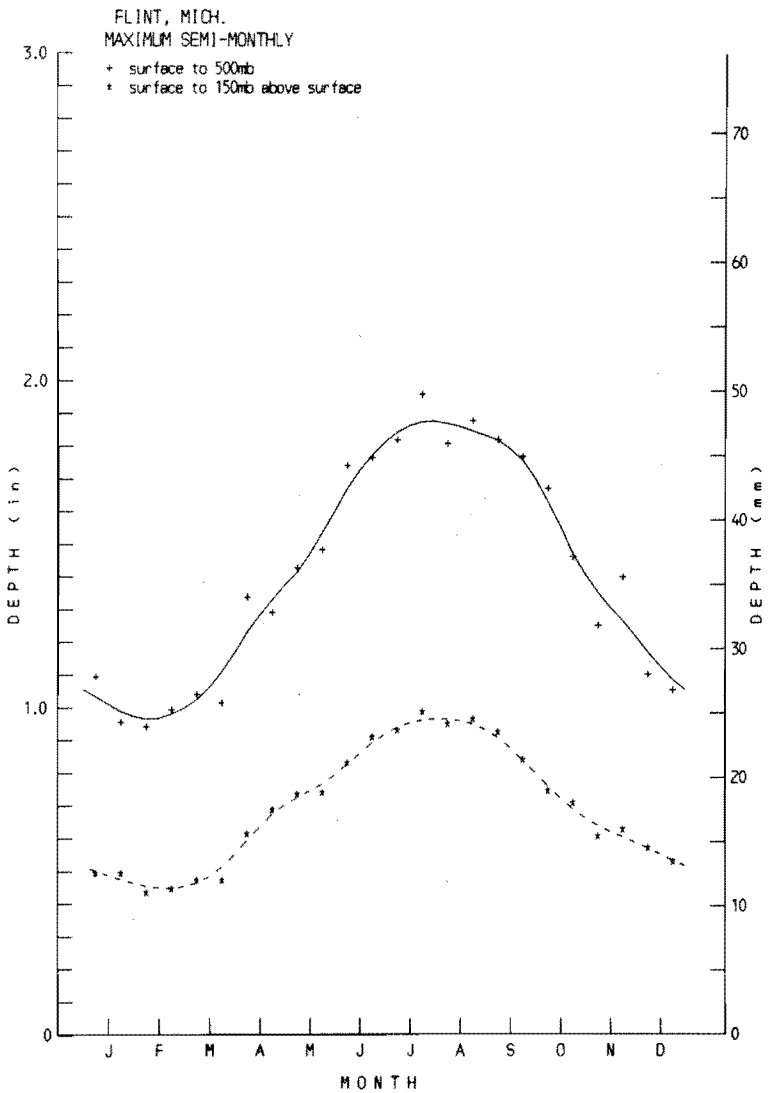
70


ELY, NEV.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

ELY, NEV. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.2957	(.5101)	56019900	.7873	(.3099)	.2058	(.0810)	.7893	(.3107)	.2079	(.0819)	JAN-1
2	1.4508	(.5712)	71011712	.8691	(.3422)	.2368	(.0932)	.8789	(.3460)	.2369	(.0933)	2
FEB-1	1.3396	(.5274)	63029912	.8393	(.3304)	.2120	(.0835)	.8492	(.3343)	.1885	(.0742)	FEB-1
2	1.3076	(.5148)	68022312	.7548	(.2972)	.1858	(.0731)	.7629	(.3004)	.2125	(.0836)	2
MAR-1	1.2642	(.4977)	72030212	.7656	(.3014)	.1968	(.0775)	.7503	(.2954)	.1783	(.0702)	MAR-1
2	1.1240	(.4425)	67031700	.8077	(.3180)	.1481	(.0583)	.7526	(.2963)	.1231	(.0485)	2
APR-1	1.1867	(.4672)	63049900	.8512	(.3351)	.1457	(.0574)	.8432	(.3320)	.1368	(.0538)	APR-1
2	1.3061	(.5142)	52049912	.9361	(.3685)	.1761	(.0693)	.9056	(.3565)	.1436	(.0565)	2
MAY-1	1.4986	(.5900)	47059900	1.0616	(.4180)	.2017	(.0794)	1.0345	(.4073)	.1468	(.0578)	MAY-1
2	1.5517	(.6109)	56059912	1.2269	(.4830)	.1604	(.0631)	1.1832	(.4658)	.1630	(.0642)	2
JUN-1	1.8656	(.7345)	72060612	1.3422	(.5284)	.2518	(.0991)	1.3710	(.5398)	.2137	(.0841)	JUN-1
2	2.3353	(.9194)	54069912	1.4039	(.5527)	.2614	(.1029)	1.4201	(.5591)	.2429	(.0956)	2
JUL-1	2.3650	(.9311)	53079900	1.6744	(.6592)	.3935	(.1549)	1.6649	(.6555)	.3199	(.1259)	JUL-1
2	2.6383	(1.0387)	54079900	2.0563	(.8095)	.3217	(.1266)	2.0542	(.8087)	.2958	(.1165)	2
AUG-1	2.7196	(1.0707)	63089900	2.0928	(.8239)	.3494	(.1375)	1.9866	(.7821)	.3011	(.1185)	AUG-1
2	2.4968	(.9830)	70081900	1.7637	(.6944)	.3630	(.1429)	1.7540	(.6906)	.3653	(.1438)	2
SEP-1	2.3693	(.9328)	54099900	1.5966	(.6286)	.3943	(.1552)	1.5098	(.5944)	.3523	(.1387)	SEP-1
2	2.0142	(.7930)	66092000	1.3372	(.5265)	.3186	(.1255)	1.3608	(.5357)	.2427	(.0956)	2
OCT-1	1.7920	(.7055)	46109900	1.2357	(.4865)	.2470	(.0972)	1.2215	(.4809)	.1859	(.0732)	OCT-1
2	1.6599	(.6535)	59109900	1.0561	(.4158)	.2084	(.0820)	1.0506	(.4136)	.1838	(.0724)	2
NOV-1	1.4209	(.5594)	68110912	.9825	(.3868)	.1513	(.0596)	.9664	(.3805)	.1666	(.0656)	NOV-1
2	1.5159	(.5968)	50119900	.9985	(.3931)	.2010	(.0791)	.9441	(.3717)	.1994	(.0785)	2
DEC-1	1.5547	(.6121)	46129900	.9003	(.3545)	.2185	(.0860)	.8627	(.3396)	.1968	(.0775)	DEC-1
2	1.5128	(.5956)	55129912	.9132	(.3595)	.1826	(.0719)	.8813	(.3470)	.2061	(.0811)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.8179	(.3220)	56019912	.4735	(.1864)	.1033	(.0407)	.4853	(.1911)	.1255	(.0494)	JAN-1
2	.9149	(.3602)	71011712	.5158	(.2031)	.1167	(.0459)	.5169	(.2035)	.1408	(.0554)	2
FEB-1	.8184	(.3222)	63029912	.5066	(.1995)	.1267	(.0499)	.5235	(.2061)	.1286	(.0506)	FEB-1
2	.7818	(.3078)	68022312	.4755	(.1872)	.1078	(.0424)	.4813	(.1895)	.1162	(.0458)	2
MAR-1	.7186	(.2829)	72030212	.4829	(.1901)	.1040	(.0409)	.4757	(.1873)	.0963	(.0379)	MAR-1
2	.6751	(.2658)	67031712	.4987	(.1963)	.0834	(.0328)	.4804	(.1891)	.0838	(.0330)	2
APR-1	.7996	(.3148)	63049900	.5607	(.2208)	.0978	(.0385)	.5306	(.2089)	.0838	(.0330)	APR-1
2	.8077	(.3180)	52049912	.5911	(.2327)	.1084	(.0427)	.5684	(.2238)	.0789	(.0311)	2
MAY-1	.9035	(.3557)	57059900	.6612	(.2603)	.1205	(.0474)	.6556	(.2581)	.0892	(.0351)	MAY-1
2	1.0249	(.4035)	56059900	.7605	(.2994)	.1187	(.0467)	.7470	(.2941)	.1035	(.0407)	2
JUN-1	1.3551	(.5335)	48069900	.8402	(.3308)	.1878	(.0739)	.8527	(.3357)	.1225	(.0482)	JUN-1
2	1.4206	(.5593)	54069912	.8613	(.3391)	.1589	(.0625)	.8933	(.3517)	.1511	(.0595)	2
JUL-1	1.3830	(.5445)	50079900	.9797	(.3857)	.2490	(.0981)	1.0107	(.3979)	.2154	(.0848)	JUL-1
2	1.6457	(.6479)	54079900	1.1961	(.4709)	.2240	(.0882)	1.2648	(.4979)	.1759	(.0692)	2
AUG-1	1.8773	(.7391)	72080100	1.2411	(.4886)	.2569	(.1011)	1.2370	(.4870)	.1753	(.0690)	AUG-1
2	1.4364	(.5655)	70081900	1.0479	(.4126)	.2444	(.0962)	1.0875	(.4281)	.2155	(.0848)	2
SEP-1	1.4239	(.5606)	54099900	.9401	(.3701)	.2479	(.0976)	.9496	(.3738)	.2309	(.0909)	SEP-1
2	1.2128	(.4775)	48099912	.8219	(.3236)	.1945	(.0766)	.8824	(.3474)	.1637	(.0645)	2
OCT-1	1.1087	(.4365)	46109900	.7683	(.3025)	.1474	(.0580)	.7902	(.3111)	.1300	(.0512)	OCT-1
2	.9350	(.3681)	59109900	.6541	(.2575)	.1270	(.0500)	.6620	(.2606)	.1113	(.0438)	2
NOV-1	.9126	(.3593)	68110912	.6020	(.2370)	.0804	(.0316)	.5996	(.2361)	.1061	(.0418)	NOV-1
2	.8994	(.3541)	50119900	.5894	(.2321)	.1182	(.0466)	.5792	(.2280)	.1311	(.0516)	2
DEC-1	.9266	(.3648)	46129900	.5530	(.2177)	.1252	(.0493)	.5092	(.2005)	.1022	(.0402)	DEC-1
2	.9489	(.3736)	55129912	.5451	(.2146)	.1237	(.0487)	.5254	(.2069)	.1265	(.0498)	2


FLINT, MICH.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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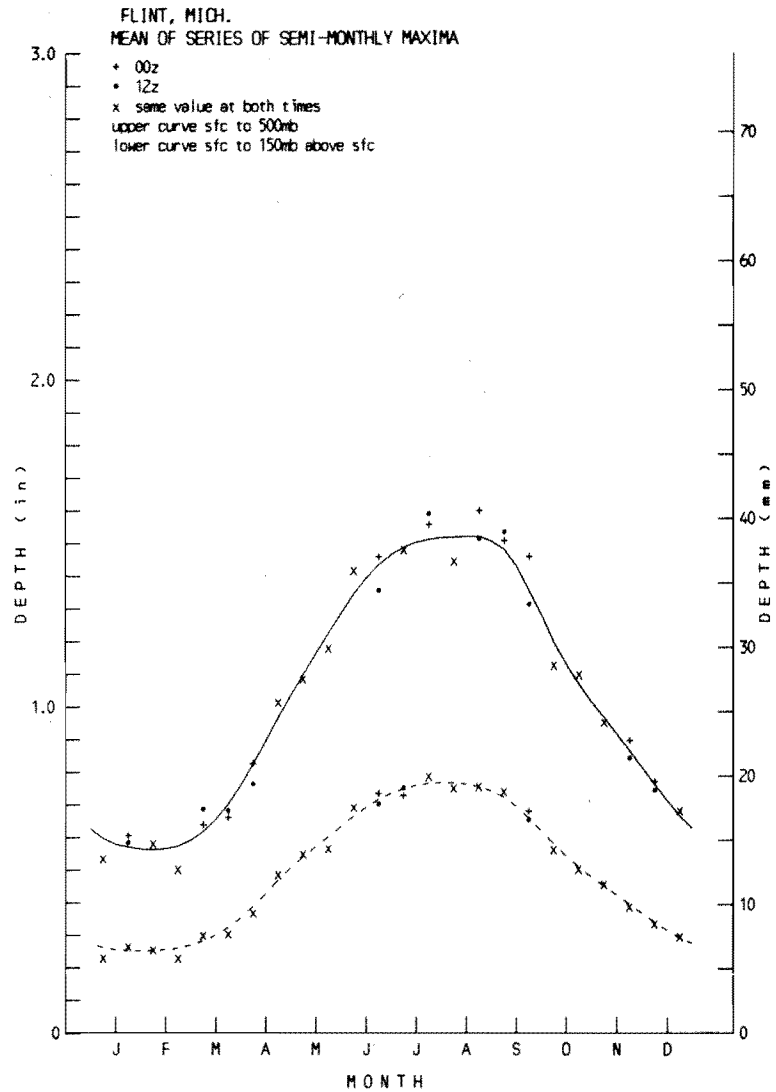
FLINT, MICH.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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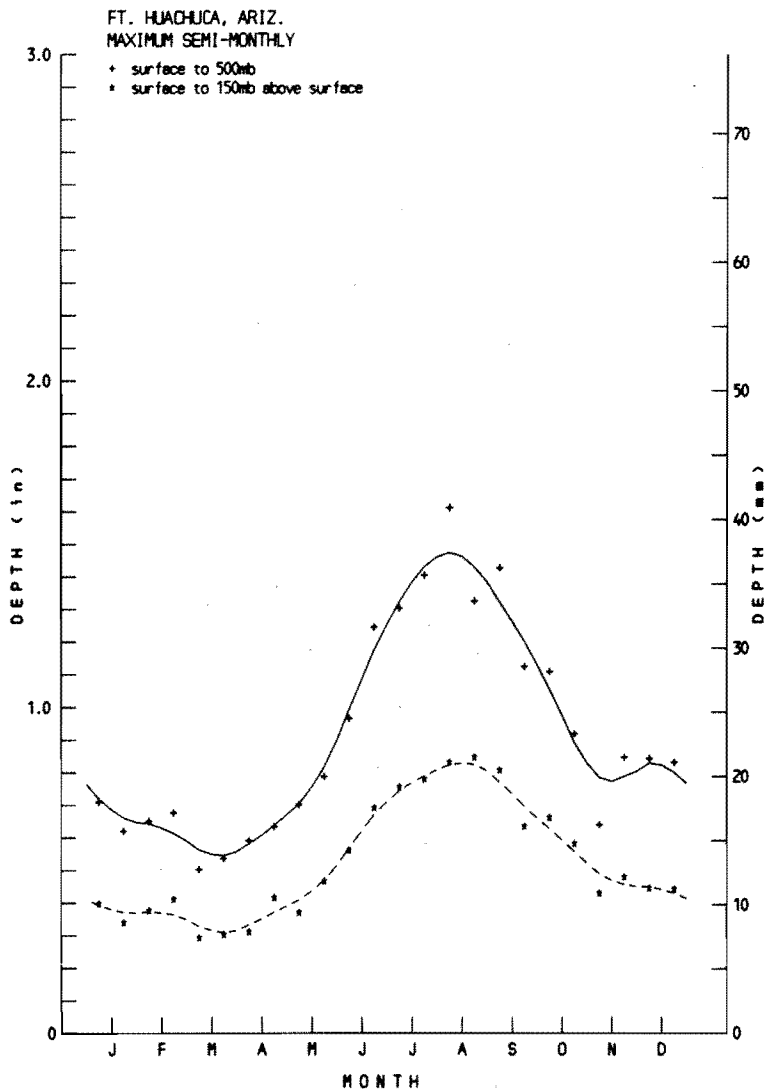
FLINT, MICH. 16 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.7755	(1.0927)	60011300	1.3890	(.5469)	.5689	(.2240)	1.3436	(.5290)	.4429	(.1744)	JAN-1
2	2.4232	(.9540)	69013000	1.5370	(.6051)	.5452	(.2147)	1.4817	(.5833)	.4621	(.1819)	2
FEB-1	2.3891	(.9406)	68020200	1.5033	(.5919)	.4789	(.1885)	1.4655	(.5770)	.4470	(.1760)	FEB-1
2	2.5202	(.9922)	57022603	1.3030	(.5130)	.5605	(.2207)	1.2689	(.4996)	.4586	(.1806)	2
MAR-1	2.6391	(1.0390)	61030612	1.6189	(.6374)	.5179	(.2039)	1.7410	(.6854)	.6125	(.2412)	MAR-1
2	2.5748	(1.0137)	66032312	1.6782	(.6607)	.4157	(.1636)	1.7320	(.6819)	.4894	(.1927)	2
APR-1	3.3947	(1.3365)	67041400	2.0964	(.8253)	.6000	(.2362)	1.9396	(.7636)	.5639	(.2220)	APR-1
2	3.2779	(1.2905)	62042900	2.5782	(1.0150)	.3690	(.1453)	2.5890	(1.0193)	.4228	(.1665)	2
MAY-1	3.6208	(1.4255)	70050112	2.7689	(1.0901)	.4791	(.1886)	2.7616	(1.0872)	.5862	(.2308)	MAY-1
2	3.7638	(1.4818)	59052112	2.9810	(1.1736)	.5124	(.2017)	3.0263	(1.1915)	.4678	(.1842)	2
JUN-1	4.4163	(1.7387)	57061500	3.6076	(1.4203)	.3764	(.1482)	3.6081	(1.4205)	.2740	(.1079)	JUN-1
2	4.4757	(1.7621)	57061800	3.7031	(1.4579)	.4523	(.1781)	3.4436	(1.3558)	.4148	(.1633)	2
JUL-1	4.6129	(1.8161)	72071500	3.7722	(1.4851)	.5510	(.2169)	3.7688	(1.4838)	.3611	(.1422)	JUL-1
2	4.9708	(1.9570)	72071900	3.9544	(1.5569)	.5326	(.2097)	4.0394	(1.5903)	.5019	(.1976)	2
AUG-1	4.5883	(1.8064)	64080312	3.6845	(1.4506)	.3982	(.1568)	3.6800	(1.4488)	.3463	(.1363)	AUG-1
2	4.7666	(1.8766)	59082300	4.0616	(1.5990)	.3594	(.1415)	3.8452	(1.5139)	.4693	(.1848)	2
SEP-1	4.6180	(1.8181)	65090912	3.8282	(1.5072)	.5174	(.2037)	3.8967	(1.5341)	.5105	(.2010)	SEP-1
2	4.4895	(1.7675)	58092500	3.7047	(1.4585)	.4849	(.1909)	3.3354	(1.3131)	.5948	(.2342)	2
OCT-1	4.2418	(1.6700)	65100100	2.8617	(1.1267)	.7160	(.2819)	2.8807	(1.1341)	.5687	(.2239)	OCT-1
2	3.7125	(1.4616)	62101612	2.7832	(1.0958)	.5940	(.2339)	2.8137	(1.1077)	.5569	(.2193)	2
NOV-1	3.1788	(1.2515)	56110115	2.4097	(.9487)	.3993	(.1572)	2.4472	(.9635)	.4309	(.1696)	NOV-1
2	3.5540	(1.3992)	58111800	2.2751	(.8957)	.6292	(.2477)	2.1382	(.8418)	.5859	(.2307)	2
DEC-1	2.7993	(1.1021)	66120800	1.9541	(.7693)	.4930	(.1941)	1.8873	(.7430)	.4739	(.1866)	DEC-1
2	2.6777	(1.0542)	67122200	1.7485	(.6884)	.6136	(.2416)	1.7266	(.6797)	.5660	(.2228)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.2517	(.4928)	65010900	.5837	(.2298)	.2773	(.1092)	.6013	(.2367)	.2193	(.0863)	JAN-1
2	1.2525	(.4931)	67012500	.7022	(.2765)	.2966	(.1168)	.6579	(.2590)	.2595	(.1021)	2
FEB-1	1.1021	(.4339)	68020200	.6614	(.2604)	.2112	(.0831)	.6494	(.2557)	.2079	(.0818)	FEB-1
2	1.1308	(.4452)	57022603	.5985	(.2356)	.2678	(.1054)	.5807	(.2286)	.2233	(.0879)	2
MAR-1	1.1961	(.4709)	71031500	.7521	(.2961)	.2544	(.1002)	.7850	(.3091)	.2461	(.0969)	MAR-1
2	1.1948	(.4704)	67032712	.7587	(.2987)	.2253	(.0887)	.8001	(.3150)	.2492	(.0981)	2
APR-1	1.5578	(.6133)	67040300	.9603	(.3781)	.2875	(.1132)	.9253	(.3643)	.2489	(.0980)	APR-1
2	1.7435	(.6864)	70043012	1.2343	(.4859)	.2326	(.0916)	1.2493	(.4918)	.2561	(.1008)	2
MAY-1	1.8656	(.7345)	64050900	1.4165	(.5577)	.2815	(.1108)	1.3893	(.5470)	.3003	(.1182)	MAY-1
2	1.8796	(.7400)	62053000	1.4383	(.5663)	.2929	(.1153)	1.4544	(.5726)	.2193	(.0863)	2
JUN-1	2.1074	(.8297)	57061500	1.7858	(.7031)	.1925	(.0758)	1.7458	(.6873)	.1352	(.0532)	JUN-1
2	2.3094	(.9092)	57061700	1.8639	(.7338)	.1930	(.0760)	1.7817	(.7014)	.2161	(.0851)	2
JUL-1	2.3642	(.9308)	66071212	1.8494	(.7281)	.2405	(.0947)	1.9085	(.7514)	.1837	(.0723)	JUL-1
2	2.5070	(.9870)	72072112	1.9939	(.7850)	.2123	(.0836)	2.0233	(.7966)	.2751	(.1083)	2
AUG-1	2.4145	(.9506)	68080612	1.9003	(.7481)	.1359	(.0535)	1.9355	(.7620)	.2207	(.0869)	AUG-1
2	2.4511	(.9650)	68082312	1.9534	(.7690)	.2025	(.0797)	1.9109	(.7523)	.2479	(.0976)	2
SEP-1	2.3518	(.9259)	61090400	1.8767	(.7388)	.2673	(.1053)	1.9042	(.7497)	.1628	(.0641)	SEP-1
2	2.1354	(.8407)	70091600	1.7257	(.6794)	.2405	(.0947)	1.6595	(.6534)	.2986	(.1176)	2
OCT-1	1.8961	(.7465)	59100600	1.4501	(.5709)	.3099	(.1220)	1.4237	(.5605)	.2410	(.0949)	OCT-1
2	1.7998	(.7086)	62101612	1.2825	(.5049)	.2473	(.0974)	1.2903	(.5080)	.2300	(.0906)	2
NOV-1	1.5385	(.6057)	61110300	1.1635	(.4581)	.2178	(.0857)	1.1719	(.4614)	.1863	(.0733)	NOV-1
2	1.5931	(.6272)	58111800	1.0126	(.3987)	.3292	(.1296)	.9684	(.3812)	.2814	(.1108)	2
DEC-1	1.4501	(.5709)	66120812	.8636	(.3400)	.2071	(.0815)	.8502	(.3347)	.2966	(.1168)	DEC-1
2	1.3414	(.5281)	67122200	.7652	(.3013)	.3062	(.1206)	.7527	(.2963)	.2588	(.1019)	2


FT. HUACHUCA, ARIZ.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
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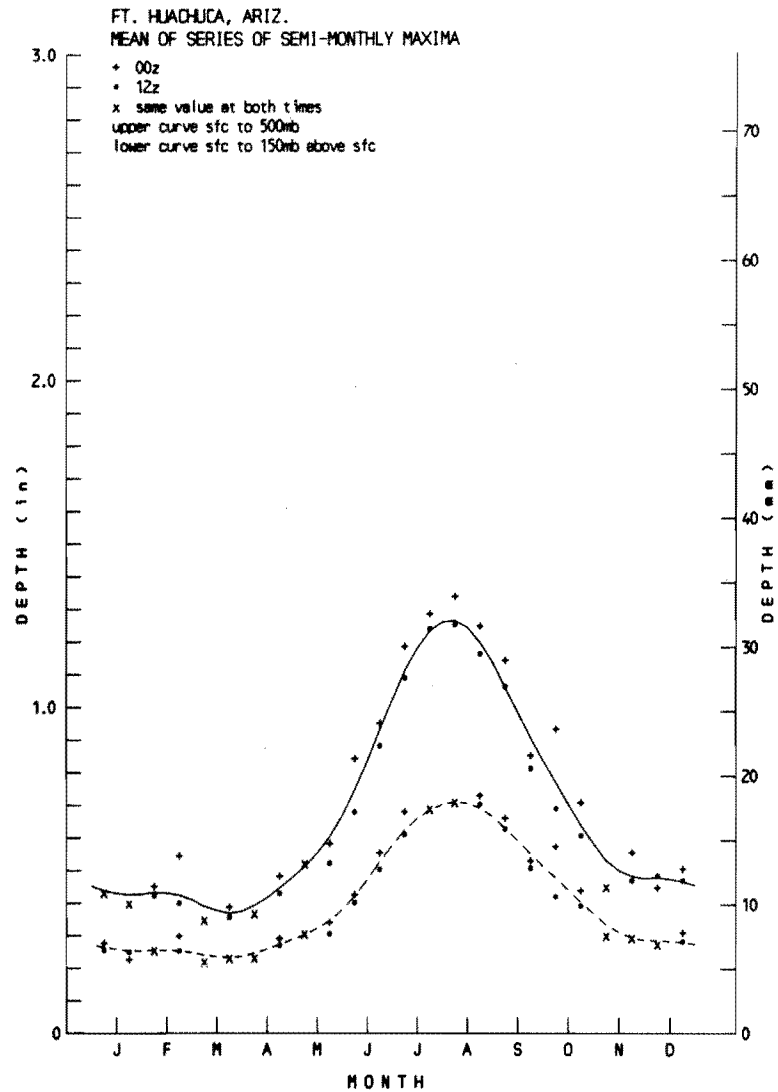
J F M A M J J A S O N D
MONTH


FT. HUACHUCA, ARIZ.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
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70
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50
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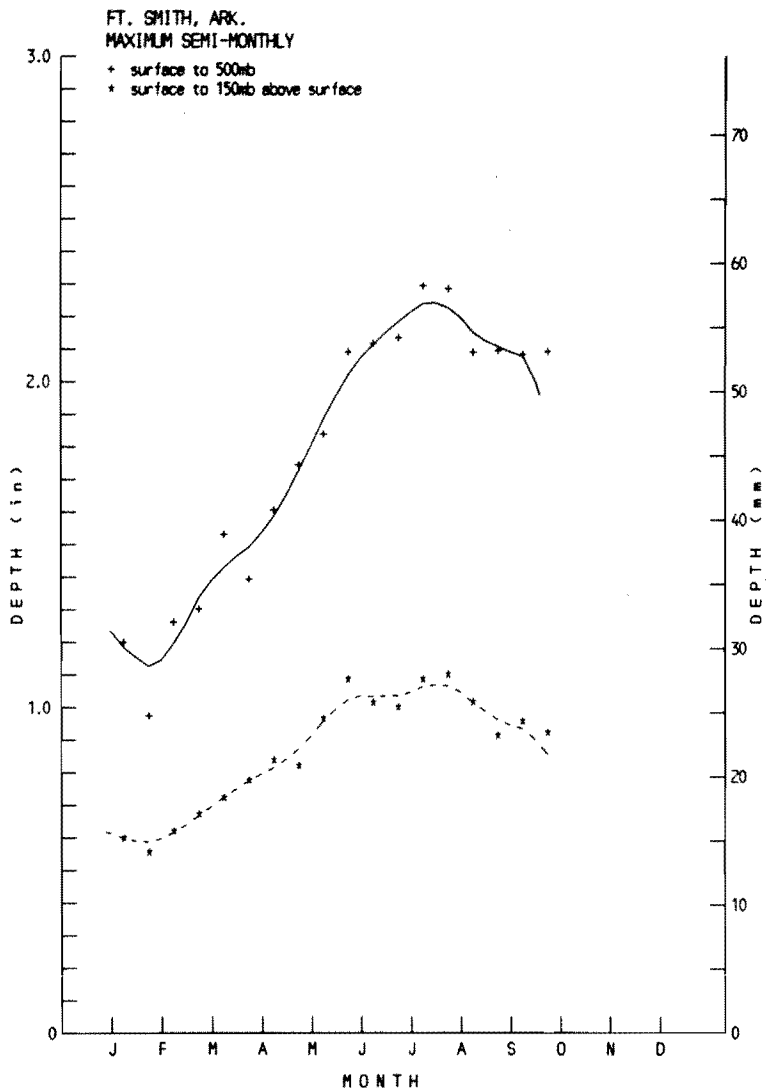
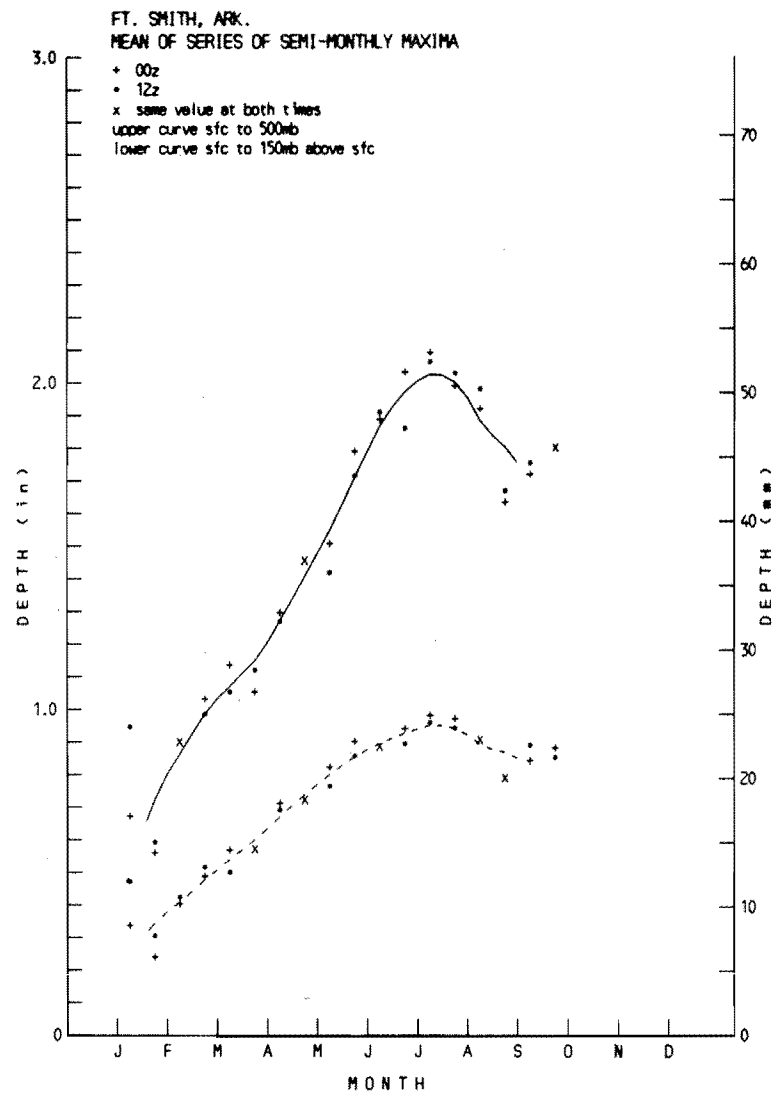
J F M A M J J A S O N D
MONTH

FT. HUACHUCA, ARIZ. 12 YEARS OF RECORD

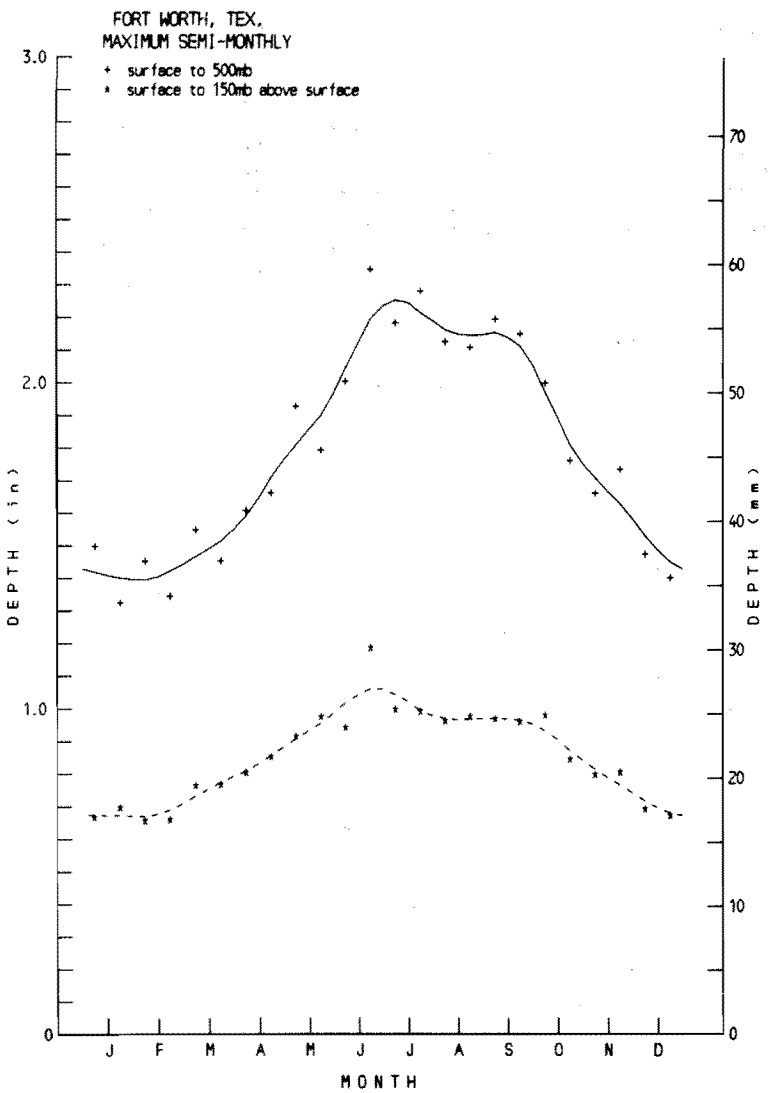
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.7996	(.7085)	57010915	1.1055	(.4352)	.3197	(.1259)	1.1002	(.4331)	.3542	(.1395)	JAN-1
2	1.5730	(.6193)	65012012	1.0044	(.3954)	.1552	(.0611)	1.0293	(.4052)	.2409	(.0949)	2
FEB-1	1.6505	(.6498)	68020912	1.1419	(.4496)	.3110	(.1224)	1.0678	(.4204)	.3675	(.1447)	FEB-1
2	1.7150	(.6752)	59021700	1.3801	(.5433)	.2588	(.1019)	1.0117	(.3983)	.3347	(.1318)	2
MAR-1	1.2723	(.5009)	65031012	.8883	(.3497)	.2328	(.0917)	.8901	(.3504)	.2025	(.0797)	MAR-1
2	1.3597	(.5353)	58031800	.9816	(.3865)	.3497	(.1377)	.8995	(.3541)	.1437	(.0566)	2
APR-1	1.4989	(.5901)	69040112	.9456	(.3723)	.3086	(.1215)	.9335	(.3675)	.3313	(.1304)	APR-1
2	1.6068	(.6326)	58041612	1.2223	(.4812)	.2560	(.1008)	1.0890	(.4288)	.2216	(.0873)	2
MAY-1	1.7783	(.7001)	58051112	1.3257	(.5219)	.3120	(.1228)	1.3337	(.5251)	.2500	(.0984)	MAY-1
2	1.9990	(.7870)	58053100	1.4751	(.5807)	.4357	(.1715)	1.3246	(.5215)	.3710	(.1460)	2
JUN-1	2.4498	(.9645)	58060700	2.1401	(.8426)	.2313	(.0911)	1.7228	(.6783)	.3654	(.1439)	JUN-1
2	3.1628	(1.2452)	58062100	2.4128	(.9499)	.5884	(.2316)	2.2396	(.8817)	.5226	(.2058)	2
JUL-1	3.3096	(1.3030)	55071303	3.0113	(1.1855)	.2728	(.1074)	2.7654	(1.0887)	.2552	(.1005)	JUL-1
2	3.5649	(1.4035)	69072512	3.2645	(1.2852)	.1993	(.0785)	3.1495	(1.2400)	.2485	(.0978)	2
AUG-1	4.0891	(1.6099)	55080703	3.3978	(1.3377)	.6203	(.2442)	3.1817	(1.2526)	.2681	(.1055)	AUG-1
2	3.3655	(1.3250)	55082803	3.1680	(1.2472)	.2794	(.1100)	2.9532	(1.1627)	.3193	(.1257)	2
SEP-1	3.6215	(1.4258)	64091012	2.9021	(1.1426)	.6367	(.2507)	2.6985	(1.0624)	.5065	(.1994)	SEP-1
2	2.8552	(1.1241)	58092212	2.1620	(.8512)	.2837	(.1117)	2.0617	(.8117)	.3867	(.1523)	2
OCT-1	2.8153	(1.1084)	55100403	2.3660	(.9315)	.3019	(.1189)	1.7488	(.6885)	.4290	(.1689)	OCT-1
2	2.3327	(.9184)	57103112	1.7932	(.7060)	.3457	(.1361)	1.5369	(.6051)	.4357	(.1715)	2
NOV-1	1.6226	(.6388)	64111012	1.1372	(.4477)	.2300	(.0906)	1.1552	(.4548)	.2548	(.1003)	NOV-1
2	2.1493	(.8462)	65112512	1.4041	(.5528)	.3511	(.1382)	1.1857	(.4668)	.4353	(.1714)	2
DEC-1	2.1387	(.8420)	57120512	1.1304	(.4450)	.1243	(.0489)	1.2241	(.4819)	.4985	(.1963)	DEC-1
2	2.1090	(.8303)	65122212	1.2748	(.5019)	.4586	(.1805)	1.1859	(.4669)	.4406	(.1735)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.0086	(.3971)	57010915	.6995	(.2754)	.2037	(.0802)	.6443	(.2536)	.1915	(.0754)	JAN-1
2	.8611	(.3390)	65012012	.5699	(.2244)	.0549	(.0216)	.6295	(.2478)	.1124	(.0442)	2
FEB-1	.9533	(.3753)	68021012	.6670	(.2626)	.1488	(.0586)	.6372	(.2509)	.2009	(.0791)	FEB-1
2	1.0419	(.4102)	59021812	.7539	(.2968)	.1535	(.0604)	.6384	(.2513)	.2202	(.0867)	2
MAR-1	.7417	(.2920)	65031112	.5742	(.2261)	.1644	(.0647)	.5511	(.2170)	.1184	(.0466)	MAR-1
2	.7676	(.3022)	58031712	.5989	(.2358)	.1854	(.0730)	.5849	(.2303)	.1495	(.0589)	2
APR-1	.7889	(.3106)	59041412	.5935	(.2337)	.1189	(.0468)	.5956	(.2345)	.1679	(.0661)	APR-1
2	1.0564	(.4159)	58041612	.7357	(.2896)	.1139	(.0449)	.6808	(.2680)	.1919	(.0756)	2
MAY-1	.9388	(.3696)	57050603	.8047	(.3168)	.1880	(.0740)	.7617	(.2999)	.0680	(.0268)	MAY-1
2	1.1844	(.4663)	58053100	.8611	(.3390)	.2402	(.0946)	.7733	(.3044)	.1781	(.0701)	2
JUN-1	1.4254	(.5612)	55061315	1.0776	(.4243)	.1160	(.0457)	1.0161	(.4001)	.2115	(.0833)	JUN-1
2	1.7539	(.6905)	59062900	1.4044	(.5529)	.4142	(.1631)	1.2758	(.5023)	.2417	(.0951)	2
JUL-1	1.9167	(.7546)	58070200	1.7247	(.6790)	.1841	(.0725)	1.5465	(.6088)	.1488	(.0586)	JUL-1
2	1.9789	(.7791)	69071812	1.7809	(.7011)	.1048	(.0413)	1.7305	(.6813)	.1353	(.0533)	2
AUG-1	2.1100	(.8307)	55080703	1.8327	(.7215)	.2608	(.1027)	1.7862	(.7032)	.1886	(.0742)	AUG-1
2	2.1516	(.8471)	55082803	1.8519	(.7291)	.2794	(.1100)	1.7819	(.7015)	.1499	(.0590)	2
SEP-1	2.0493	(.8068)	58091300	1.6739	(.6590)	.3347	(.1318)	1.5902	(.6261)	.2266	(.0892)	SEP-1
2	1.6121	(.6347)	58092312	1.3435	(.5289)	.1972	(.0776)	1.2861	(.5063)	.1553	(.0611)	2
OCT-1	1.6794	(.6612)	58100500	1.4535	(.5722)	.2023	(.0797)	1.0638	(.4188)	.2224	(.0876)	OCT-1
2	1.4765	(.5813)	64101612	1.1097	(.4369)	.2226	(.0876)	.9903	(.3899)	.3052	(.1202)	2
NOV-1	1.0904	(.4293)	64111012	.7775	(.3061)	.1356	(.0534)	.7562	(.2977)	.1499	(.0590)	NOV-1
2	1.2164	(.4789)	65112512	.7678	(.3023)	.1701	(.0670)	.7324	(.2883)	.2005	(.0789)	2
DEC-1	1.1293	(.4446)	65120912	.6817	(.2684)	.0553	(.0218)	.7162	(.2820)	.2557	(.1007)	DEC-1
2	1.1206	(.4412)	65122212	.7791	(.3067)	.2156	(.0849)	.7097	(.2794)	.2589	(.1019)	2

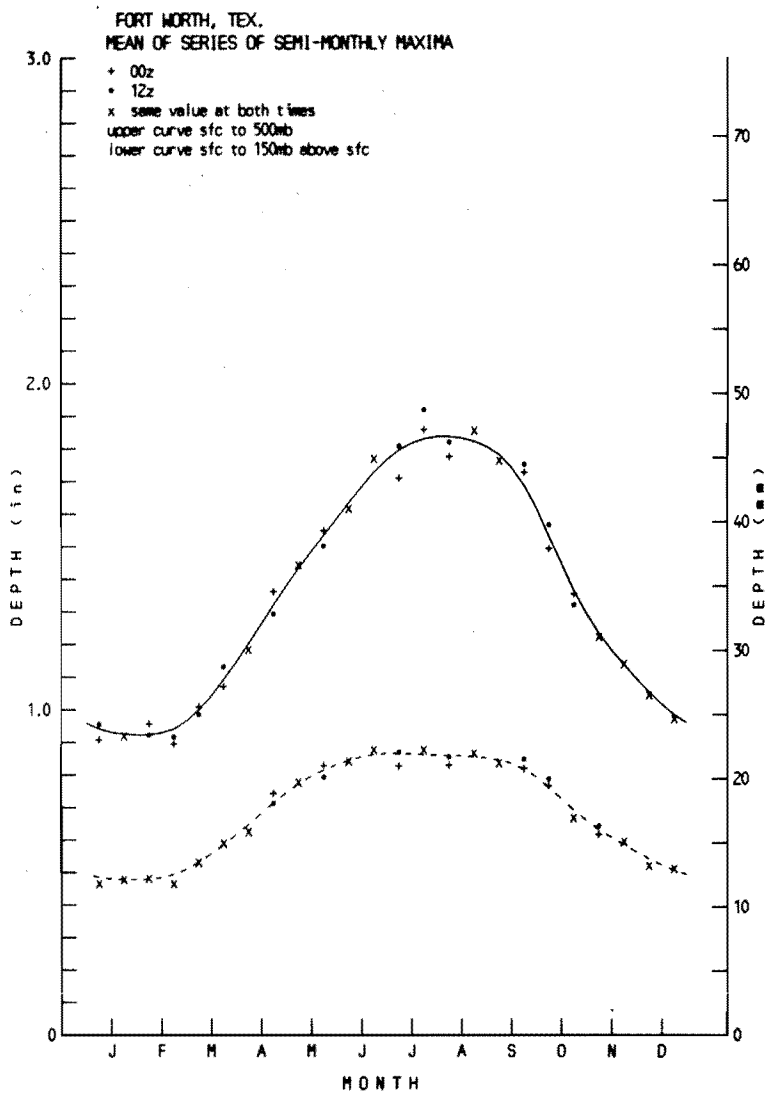

FT. SMITH, ARK.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


FT. SMITH, ARK.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

FT. SMITH, ARK. 11 YEARS OF RECORD

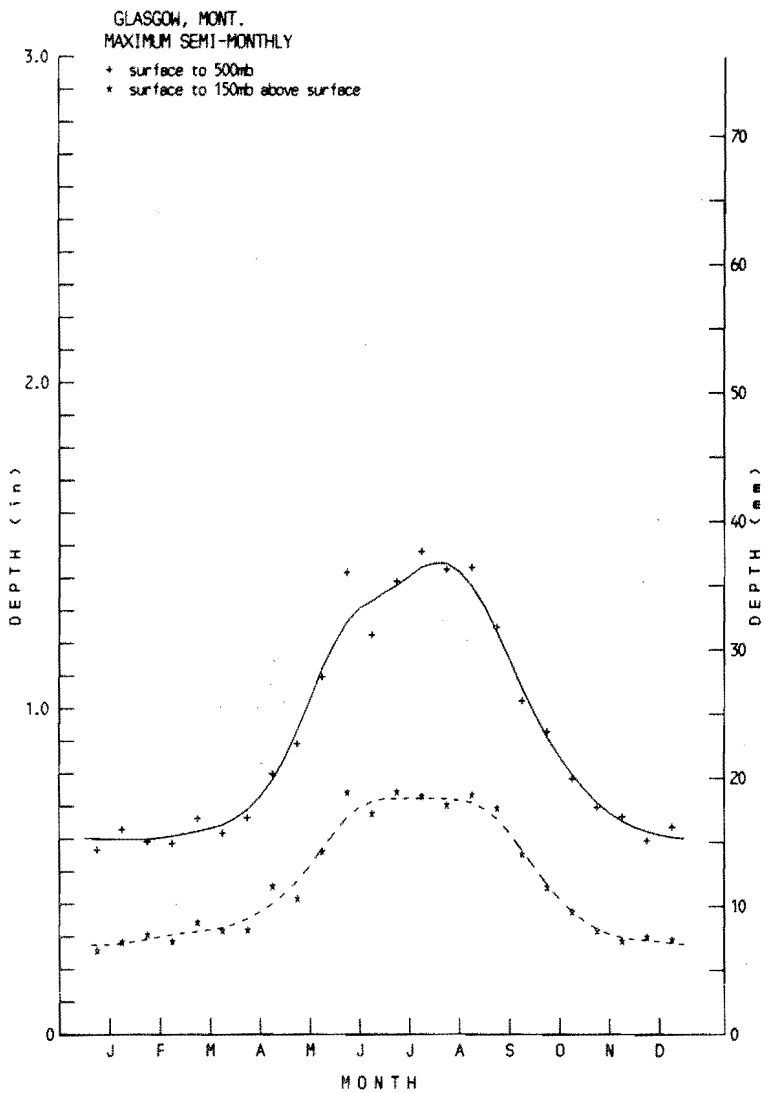
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.4524	(1.3592)	55010515	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	3.0437	(1.1983)	54012615	1.7037	(.6707)	.2337	(.0920)	2.3981	(.9442)	.9129	(.3594)	2
FEB-1	2.4696	(.9723)	57021515	1.4168	(.5578)	.7287	(.2869)	1.5011	(.5910)	.7612	(.2997)	FEB-1
2	3.2001	(1.2599)	59022300	2.3130	(.9106)	.7362	(.2898)	2.2793	(.8974)	.6084	(.2395)	2
MAR-1	3.3040	(1.3008)	55031515	2.6145	(1.0293)	.4699	(.1850)	2.4970	(.9831)	.5551	(.2186)	MAR-1
2	3.8847	(1.5294)	54032315	2.8798	(1.1338)	.4387	(.1727)	2.6693	(1.0509)	.5394	(.2124)	2
APR-1	3.5359	(1.3921)	54041415	2.6701	(1.0512)	.4209	(.1657)	2.8393	(1.1178)	.4660	(.1835)	APR-1
2	4.0752	(1.6044)	54042803	3.2875	(1.2943)	.3772	(.1485)	3.2198	(1.2676)	.2383	(.0938)	2
MAY-1	4.4257	(1.7424)	58050300	3.7084	(1.4600)	.5077	(.1999)	3.7044	(1.4584)	.2949	(.1161)	MAY-1
2	4.6645	(1.8364)	55052803	3.8242	(1.5056)	.6220	(.2449)	3.5997	(1.4172)	.6816	(.2684)	2
JUN-1	5.3056	(2.0888)	54060715	4.5417	(1.7881)	.5419	(.2133)	4.3528	(1.7137)	.4330	(.1705)	JUN-1
2	5.3726	(2.1152)	57063012	4.7906	(1.8861)	.2882	(.1135)	4.8487	(1.9089)	.3538	(.1393)	2
JUL-1	5.4173	(2.1328)	53070703	5.1586	(2.0310)	.2459	(.0968)	4.7221	(1.8591)	.3675	(.1447)	JUL-1
2	5.8232	(2.2926)	53072015	5.3108	(2.0909)	.4030	(.1587)	5.2386	(2.0624)	.3746	(.1475)	2
AUG-1	5.7978	(2.2826)	55080415	5.0511	(1.9886)	.3187	(.1255)	5.1496	(2.0274)	.5111	(.2012)	AUG-1
2	5.3033	(2.0879)	59082712	4.8727	(1.9184)	.0480	(.0189)	5.0277	(1.9794)	.1991	(.0784)	2
SEP-1	5.3165	(2.0931)	58091100	4.1476	(1.6329)	.7237	(.2849)	4.2359	(1.6677)	.6848	(.2696)	SEP-1
2	5.2855	(2.0809)	58092312	4.3647	(1.7184)	.7661	(.3016)	4.4532	(1.7532)	.9006	(.3546)	2
OCT-1	5.3086	(2.0900)	54100203	4.5825	(1.8041)	1.0268	(.4043)	4.5913	(1.8076)	.8998	(.3543)	OCT-1
2	3.5809	(1.4098)	54102515	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	2.5636	(1.0093)	54110403	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	2.3830	(.9382)	54112703	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	2.7155	(1.0691)	54121115	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	3.0190	(1.1886)	54122715	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.6038	(.6314)	55010415	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	1.5194	(.5982)	54012615	.8513	(.3352)	.1891	(.0745)	1.1937	(.4699)	.4607	(.1814)	2
FEB-1	1.4092	(.5548)	54021503	.6035	(.2376)	.4913	(.1934)	.7692	(.3028)	.3944	(.1553)	FEB-1
2	1.5735	(.6195)	55022815	1.0183	(.4009)	.4072	(.1603)	1.0711	(.4217)	.3275	(.1289)	2
MAR-1	1.7048	(.6712)	61030512	1.2336	(.4857)	.3474	(.1368)	1.3054	(.5140)	.3319	(.1307)	MAR-1
2	1.8329	(.7216)	54032503	1.4396	(.5668)	.2358	(.0928)	1.2660	(.4984)	.2068	(.0814)	2
APR-1	1.9698	(.7755)	54040703	1.4546	(.5727)	.2624	(.1033)	1.4679	(.5779)	.2634	(.1037)	APR-1
2	2.1275	(.8376)	54042803	1.8033	(.7100)	.1921	(.0756)	1.7500	(.6890)	.1326	(.0522)	2
MAY-1	2.0853	(.8210)	61050800	1.8464	(.7269)	.1457	(.0574)	1.8433	(.7257)	.1005	(.0396)	MAY-1
2	2.4541	(.9662)	55052803	2.0855	(.8211)	.3188	(.1255)	1.9373	(.7627)	.2909	(.1145)	2
JUN-1	2.7584	(1.0860)	53060703	2.2850	(.8996)	.4178	(.1645)	2.1718	(.8550)	.1713	(.0674)	JUN-1
2	2.5778	(1.0149)	57063012	2.2567	(.8885)	.1894	(.0746)	2.2614	(.8903)	.2087	(.0822)	2
JUL-1	2.5418	(1.0007)	53070903	2.3860	(.9394)	.1543	(.0607)	2.2676	(.8928)	.1259	(.0496)	JUL-1
2	2.7600	(1.0866)	58072500	2.4893	(.9800)	.2225	(.0876)	2.4325	(.9577)	.1446	(.0569)	2
AUG-1	2.7955	(1.1006)	59080100	2.4628	(.9696)	.2651	(.1044)	2.3888	(.9405)	.1304	(.0513)	AUG-1
2	2.5837	(1.0172)	59083000	2.3391	(.9209)	.1665	(.0655)	2.2889	(.9011)	.0674	(.0265)	2
SEP-1	2.3198	(.9133)	58091100	2.0194	(.7950)	.2366	(.0932)	2.0123	(.7923)	.1165	(.0459)	SEP-1
2	2.4318	(.9574)	54091815	2.1373	(.8415)	.2648	(.1042)	2.2573	(.8887)	.2020	(.0795)	2
OCT-1	2.3429	(.9224)	54100203	2.2361	(.8803)	.1510	(.0595)	2.1631	(.8516)	.1893	(.0745)	OCT-1
2	1.7663	(.6954)	54102603	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	1.0996	(.4329)	54111403	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	1.3238	(.5212)	54111803	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	1.5088	(.5940)	54120503	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	1.6327	(.6428)	54122803	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2


FORT WORTH, TEX.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


FORT WORTH, TEX.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

FORT WORTH, TEX. 23 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.8016	(1.4967)	71011312	2.3009	(.9059)	.5857	(.2306)	2.4220	(.9536)	.6390	(.2516)	JAN-1
2	3.3609	(1.3232)	69012912	2.3445	(.9230)	.5664	(.2230)	2.3420	(.9221)	.5769	(.2271)	2
FEB-1	3.6858	(1.4511)	59021400	2.4233	(.9540)	.4595	(.1809)	2.3390	(.9209)	.4148	(.1633)	FEB-1
2	3.4127	(1.3436)	55022615	2.2681	(.8930)	.5230	(.2059)	2.3225	(.9144)	.6176	(.2432)	2
MAR-1	3.9304	(1.5474)	53031403	2.5576	(1.0069)	.5281	(.2079)	2.4975	(.9533)	.4118	(.1621)	MAR-1
2	3.6896	(1.4526)	54032315	2.7144	(1.0687)	.4267	(.1680)	2.8685	(1.1293)	.4338	(.1708)	2
APR-1	4.0818	(1.6070)	54041203	2.9934	(1.1785)	.5339	(.2102)	3.0380	(1.1961)	.5121	(.2016)	APR-1
2	4.2184	(1.6608)	70043012	3.4547	(1.3601)	.4252	(.1674)	3.2818	(1.2920)	.4193	(.1651)	2
MAY-1	4.8920	(1.9260)	64050612	3.6964	(1.4553)	.5464	(.2151)	3.6545	(1.4388)	.4916	(.1935)	MAY-1
2	4.5527	(1.7924)	70053100	3.9305	(1.5474)	.3074	(.1210)	3.8114	(1.5006)	.2851	(.1123)	2
JUN-1	5.0874	(2.0029)	60061300	4.1040	(1.6157)	.3773	(.1486)	4.1253	(1.6241)	.4114	(.1620)	JUN-1
2	5.9593	(2.3462)	58061600	4.5105	(1.7758)	.5579	(.2196)	4.4962	(1.7701)	.3959	(.1559)	2
JUL-1	5.5425	(2.1821)	52070415	4.3384	(1.7080)	.4164	(.1639)	4.5887	(1.8066)	.3334	(.1313)	JUL-1
2	5.7879	(2.2787)	53072015	4.7154	(1.8565)	.4998	(.1968)	4.8715	(1.9179)	.4690	(.1846)	2
AUG-1	5.3957	(2.1243)	55081115	4.5062	(1.7741)	.4563	(.1796)	4.6187	(1.8184)	.3636	(.1431)	AUG-1
2	5.3508	(2.1066)	58082112	4.7239	(1.8598)	.3635	(.1431)	4.7213	(1.8588)	.3830	(.1508)	2
SEP-1	5.5712	(2.1934)	61091300	4.4906	(1.7680)	.4930	(.1941)	4.4887	(1.7672)	.4374	(.1722)	SEP-1
2	5.4552	(2.1477)	59092900	4.3828	(1.7255)	.5633	(.2218)	4.4457	(1.7503)	.4934	(.1942)	2
OCT-1	5.0716	(1.9967)	54100103	3.7903	(1.4922)	.6817	(.2684)	3.9748	(1.5649)	.7560	(.2976)	OCT-1
2	4.4691	(1.7595)	72102200	3.4382	(1.3536)	.7153	(.2816)	3.3538	(1.3204)	.7449	(.2933)	2
NOV-1	4.2151	(1.6595)	64111512	3.1286	(1.2317)	.5400	(.2126)	3.1042	(1.2221)	.5504	(.2167)	NOV-1
2	4.4016	(1.7329)	58111612	2.8803	(1.1340)	.5546	(.2184)	2.9295	(1.1534)	.5480	(.2157)	2
DEC-1	3.7419	(1.4732)	65121100	2.6555	(1.0455)	.5134	(.2021)	2.6689	(1.0507)	.4474	(.1762)	DEC-1
2	3.5580	(1.4008)	62122012	2.4831	(.9776)	.4857	(.1912)	2.4711	(.9729)	.4621	(.1819)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.6927	(.6664)	60011212	1.1773	(.4635)	.3055	(.1203)	1.2075	(.4754)	.3084	(.1214)	JAN-1
2	1.7653	(.6950)	57012203	1.2350	(.4862)	.3226	(.1270)	1.2140	(.4780)	.2717	(.1070)	2
FEB-1	1.6632	(.6548)	59021400	1.2335	(.4856)	.2014	(.0793)	1.2314	(.4848)	.1932	(.0761)	FEB-1
2	1.6726	(.6585)	51022815	1.2112	(.4768)	.2832	(.1115)	1.1671	(.4595)	.3034	(.1194)	2
MAR-1	1.9390	(.7634)	53031403	1.3753	(.5415)	.2729	(.1074)	1.3409	(.5279)	.3032	(.1194)	MAR-1
2	1.9464	(.7663)	50032603	1.4834	(.5840)	.2532	(.0997)	1.5295	(.6022)	.1890	(.0744)	2
APR-1	2.0401	(.8032)	65041400	1.6029	(.6311)	.2871	(.1130)	1.5903	(.6261)	.2127	(.0837)	APR-1
2	2.1641	(.8520)	58042900	1.8821	(.7410)	.1862	(.0733)	1.8060	(.7110)	.1714	(.0675)	2
MAY-1	2.3218	(.9141)	67051200	1.9875	(.7825)	.2089	(.0822)	1.9821	(.7804)	.1693	(.0666)	MAY-1
2	2.4762	(.9749)	53052203	2.0990	(.8264)	.1666	(.0656)	2.0101	(.7914)	.1303	(.0513)	2
JUN-1	2.3922	(.9418)	51061003	2.1423	(.8434)	.1491	(.0587)	2.1536	(.8479)	.1361	(.0536)	JUN-1
2	3.0129	(1.1862)	58061600	2.2400	(.8819)	.2550	(.1004)	2.2320	(.8788)	.1395	(.0549)	2
JUL-1	2.5339	(.9976)	52070415	2.0972	(.8257)	.1938	(.0763)	2.2057	(.8684)	.1232	(.0485)	JUL-1
2	2.5184	(.9915)	52071915	2.2172	(.8729)	.2033	(.0800)	2.2556	(.8880)	.1588	(.0625)	2
AUG-1	2.4445	(.9624)	57080200	2.1035	(.8281)	.1811	(.0713)	2.1684	(.8537)	.1293	(.0509)	AUG-1
2	2.4765	(.9750)	60082312	2.1939	(.8637)	.1719	(.0677)	2.2272	(.8768)	.1151	(.0453)	2
SEP-1	2.4600	(.9685)	62090900	2.1090	(.8303)	.1647	(.0649)	2.1597	(.8503)	.1499	(.0590)	SEP-1
2	2.4366	(.9593)	58092312	2.0773	(.8179)	.2052	(.0808)	2.1504	(.8466)	.1539	(.0606)	2
OCT-1	2.4862	(.9788)	54100203	1.9432	(.7651)	.3018	(.1188)	1.9967	(.7861)	.3019	(.1189)	OCT-1
2	2.1440	(.8441)	71101812	1.7154	(.6754)	.2826	(.1113)	1.6956	(.6676)	.2901	(.1142)	2
NOV-1	2.0251	(.7973)	64111500	1.5634	(.6155)	.2689	(.1059)	1.6292	(.6414)	.2383	(.0938)	NOV-1
2	2.0442	(.8048)	58111700	1.5184	(.5978)	.2915	(.1148)	1.5212	(.5989)	.2847	(.1121)	2
DEC-1	1.7554	(.6911)	71121500	1.3316	(.5242)	.2658	(.1046)	1.3303	(.5237)	.2709	(.1066)	DEC-1
2	1.7064	(.6718)	71122712	1.3097	(.5156)	.2694	(.1061)	1.3070	(.5146)	.2685	(.1057)	2


GLASGOW, MONT.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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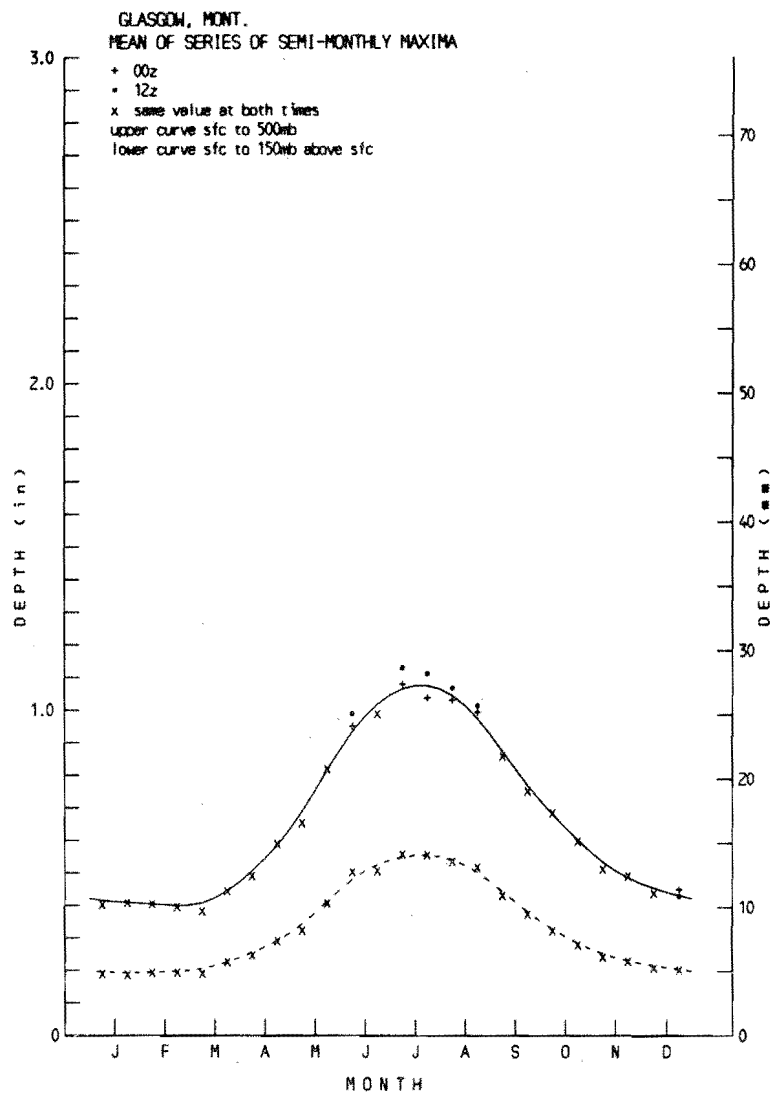
GLASGOW, MONT.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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3.0
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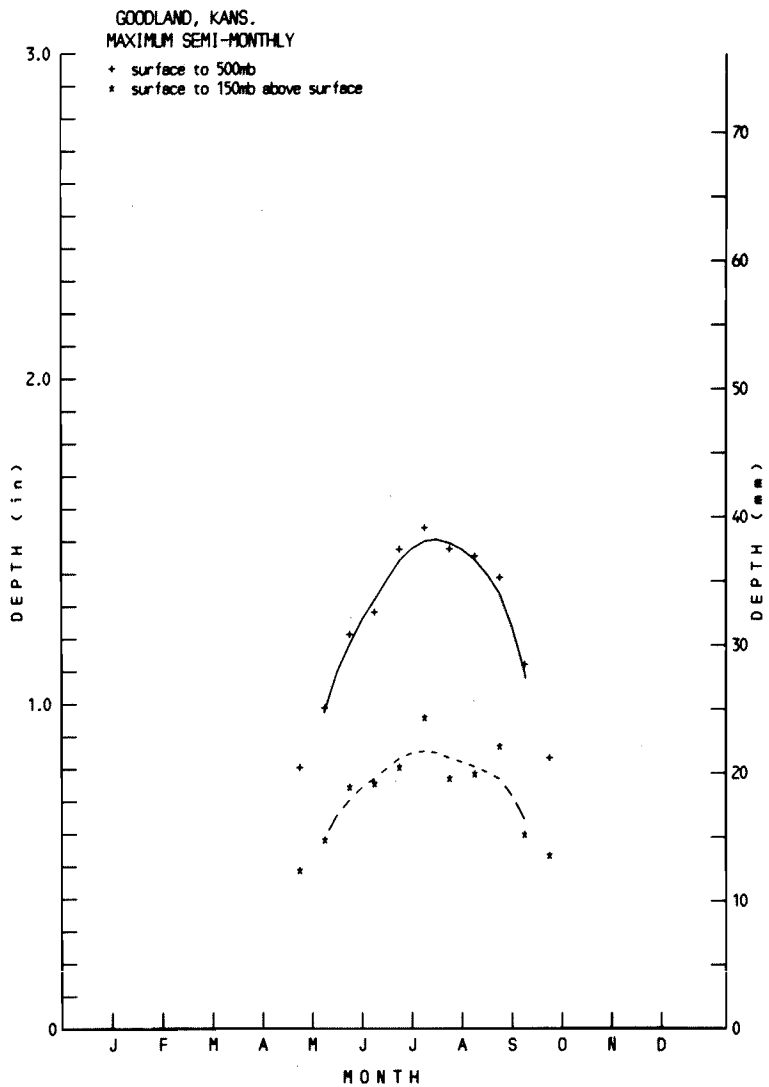
GLASGOW, MONT. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.4356	(.5652)	62010312	1.0370	(.4083)	.2125	(.0837)	1.0207	(.4018)	.2114	(.0832)	JAN-1
2	1.5933	(.6273)	68012400	1.0576	(.4164)	.2575	(.1014)	1.0343	(.4072)	.2190	(.0862)	2
FEB-1	1.4991	(.5902)	47021315	1.0297	(.4054)	.2087	(.0822)	1.0439	(.4110)	.2099	(.0827)	FEB-1
2	1.4851	(.5847)	57022703	1.0332	(.4068)	.2430	(.0957)	.9926	(.3908)	.1935	(.0762)	2
MAR-1	1.6805	(.6616)	72031312	.9715	(.3825)	.2015	(.0793)	.9876	(.3888)	.2137	(.0841)	MAR-1
2	1.5662	(.6166)	72032000	1.1342	(.4465)	.1979	(.0779)	1.1380	(.4480)	.1683	(.0663)	2
APR-1	1.6853	(.6635)	46041315	1.2447	(.4900)	.1858	(.0731)	1.2648	(.4979)	.2080	(.0819)	APR-1
2	2.0287	(.7987)	57042315	1.4861	(.5851)	.2577	(.1014)	1.5257	(.6007)	.2746	(.1081)	2
MAY-1	2.2619	(.8905)	52050303	1.6530	(.6508)	.2115	(.0833)	1.6846	(.6632)	.2246	(.0884)	MAY-1
2	2.7826	(1.0955)	56052803	2.0734	(.8163)	.3145	(.1238)	2.1086	(.8302)	.2997	(.1180)	2
JUN-1	3.5966	(1.4160)	72060812	2.4112	(.9493)	.3396	(.1337)	2.5086	(.9877)	.3107	(.1223)	JUN-1
2	3.1107	(1.2247)	66062212	2.5022	(.9851)	.3497	(.1377)	2.5382	(.9993)	.3197	(.1258)	2
JUL-1	3.5268	(1.3885)	64071012	2.7388	(1.0783)	.3833	(.1509)	2.8651	(1.1280)	.4090	(.1610)	JUL-1
2	3.7597	(1.4802)	55072103	2.6324	(1.0364)	.4539	(.1787)	2.8211	(1.1107)	.3130	(.1232)	2
AUG-1	3.6200	(1.4252)	51080415	2.6153	(1.0296)	.4156	(.1636)	2.7096	(1.0668)	.4343	(.1710)	AUG-1
2	3.6355	(1.4313)	72082012	2.5220	(.9929)	.4037	(.1589)	2.5729	(1.0130)	.3847	(.1515)	2
SEP-1	3.1717	(1.2487)	60090212	2.1754	(.8564)	.2796	(.1101)	2.2041	(.8678)	.3506	(.1381)	SEP-1
2	2.5994	(1.0234)	61091712	1.8964	(.7466)	.3114	(.1226)	1.9410	(.7642)	.3419	(.1346)	2
OCT-1	2.3594	(.9289)	67100312	1.7282	(.6804)	.2976	(.1172)	1.7657	(.6952)	.2651	(.1044)	OCT-1
2	1.9901	(.7835)	63102400	1.5472	(.6091)	.2022	(.0796)	1.5038	(.5921)	.1696	(.0668)	2
NOV-1	1.7681	(.6961)	67111512	1.2959	(.5102)	.1635	(.0644)	1.3205	(.5199)	.2045	(.0805)	NOV-1
2	1.6944	(.6671)	54112215	1.2533	(.4934)	.1755	(.0691)	1.2565	(.4947)	.1981	(.0780)	2
DEC-1	1.5085	(.5939)	46120603	1.1329	(.4460)	.2016	(.0794)	1.1048	(.4350)	.1894	(.0746)	DEC-1
2	1.6142	(.6355)	72121812	1.1365	(.4474)	.1799	(.0708)	1.0806	(.4254)	.2323	(.0914)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.6477	(.2550)	48010703	.4947	(.1947)	.0883	(.0348)	.4831	(.1902)	.0880	(.0347)	JAN-1
2	.7145	(.2813)	68012400	.4910	(.1933)	.1160	(.0457)	.4741	(.1867)	.1147	(.0452)	2
FEB-1	.7734	(.3045)	62020300	.5059	(.1992)	.1138	(.0448)	.4920	(.1937)	.1082	(.0426)	FEB-1
2	.7201	(.2835)	57022703	.5023	(.1978)	.1183	(.0466)	.4974	(.1958)	.0935	(.0368)	2
MAR-1	.8694	(.3423)	54031003	.5015	(.1975)	.1166	(.0459)	.4810	(.1894)	.0928	(.0365)	MAR-1
2	.8047	(.3168)	72032000	.5855	(.2305)	.1056	(.0416)	.5798	(.2283)	.0959	(.0378)	2
APR-1	.8095	(.3187)	60041012	.6321	(.2488)	.0842	(.0332)	.6350	(.2500)	.0927	(.0365)	APR-1
2	1.1519	(.4535)	64042600	.7295	(.2872)	.1538	(.0606)	.7610	(.2996)	.1623	(.0639)	2
MAY-1	1.0561	(.4158)	52050315	.8312	(.3272)	.1189	(.0468)	.8271	(.3256)	.1259	(.0496)	MAY-1
2	1.4209	(.5594)	56052803	1.0406	(.4097)	.1812	(.0713)	1.0410	(.4098)	.1683	(.0663)	2
JUN-1	1.8821	(.7410)	72060812	1.2759	(.5023)	.2122	(.0835)	1.3006	(.5120)	.2070	(.0815)	JUN-1
2	1.7186	(.6766)	53063015	1.2951	(.5099)	.2090	(.0823)	1.2972	(.5107)	.2161	(.0851)	2
JUL-1	1.8867	(.7428)	63070712	1.4250	(.5610)	.2289	(.0901)	1.4274	(.5620)	.2207	(.0869)	JUL-1
2	1.8534	(.7297)	55072103	1.4040	(.5527)	.2219	(.0873)	1.4389	(.5665)	.1495	(.0589)	2
AUG-1	1.7859	(.7031)	47080803	1.3446	(.5294)	.2408	(.0948)	1.3927	(.5483)	.2041	(.0804)	AUG-1
2	1.8646	(.7341)	72082012	1.2971	(.5107)	.2158	(.0850)	1.3478	(.5306)	.2098	(.0826)	2
SEP-1	1.7592	(.6926)	60090212	1.0957	(.4314)	.1741	(.0686)	1.1145	(.4388)	.2099	(.0826)	SEP-1
2	1.4031	(.5524)	48092603	.9558	(.3763)	.1645	(.0648)	.9572	(.3769)	.1548	(.0609)	2
OCT-1	1.1433	(.4501)	51100203	.8250	(.3248)	.1423	(.0560)	.8296	(.3266)	.1140	(.0449)	OCT-1
2	.9517	(.3747)	63102400	.7172	(.2824)	.1013	(.0399)	.7166	(.2821)	.0950	(.0374)	2
NOV-1	.8037	(.3164)	64110112	.6162	(.2426)	.0779	(.0307)	.6288	(.2476)	.0923	(.0363)	NOV-1
2	.7244	(.2852)	54112215	.5879	(.2314)	.0783	(.0308)	.5917	(.2330)	.0691	(.0272)	2
DEC-1	.7554	(.2974)	58120312	.5393	(.2123)	.0762	(.0300)	.5293	(.2084)	.0924	(.0364)	DEC-1
2	.7341	(.2890)	72121812	.5197	(.2046)	.0896	(.0353)	.5211	(.2051)	.1116	(.0439)	2


GOODLAND, KANS.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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2.0
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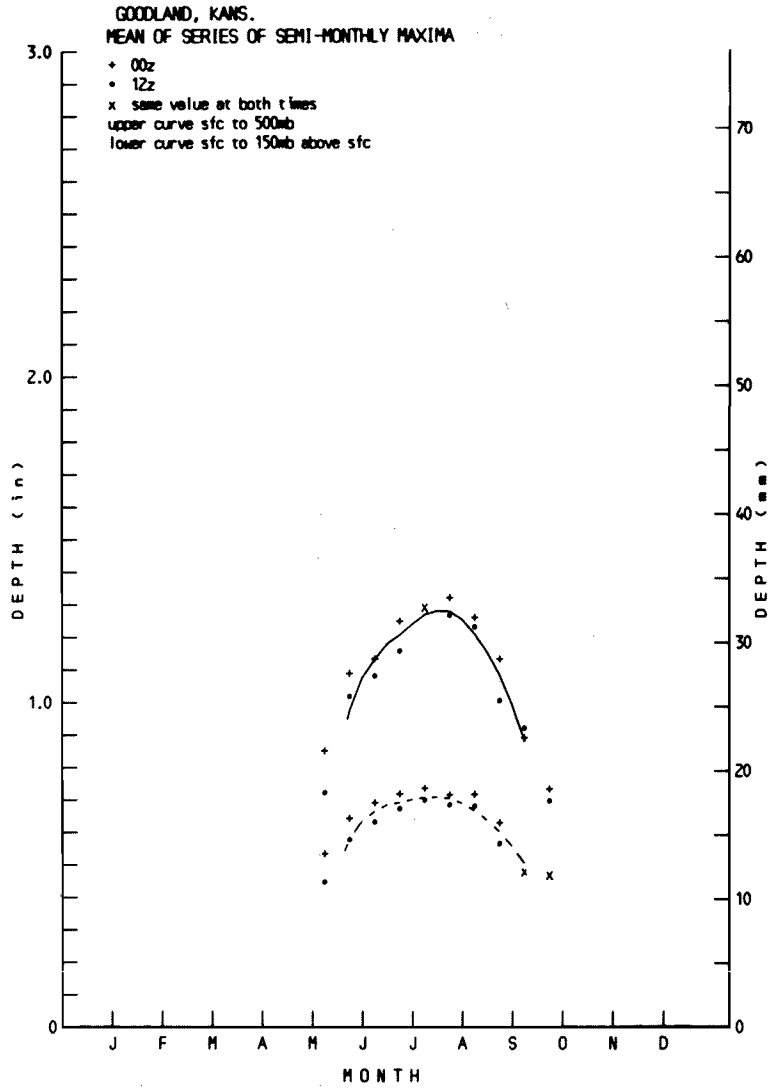
GOODLAND, KANS.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
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2.0
3.0
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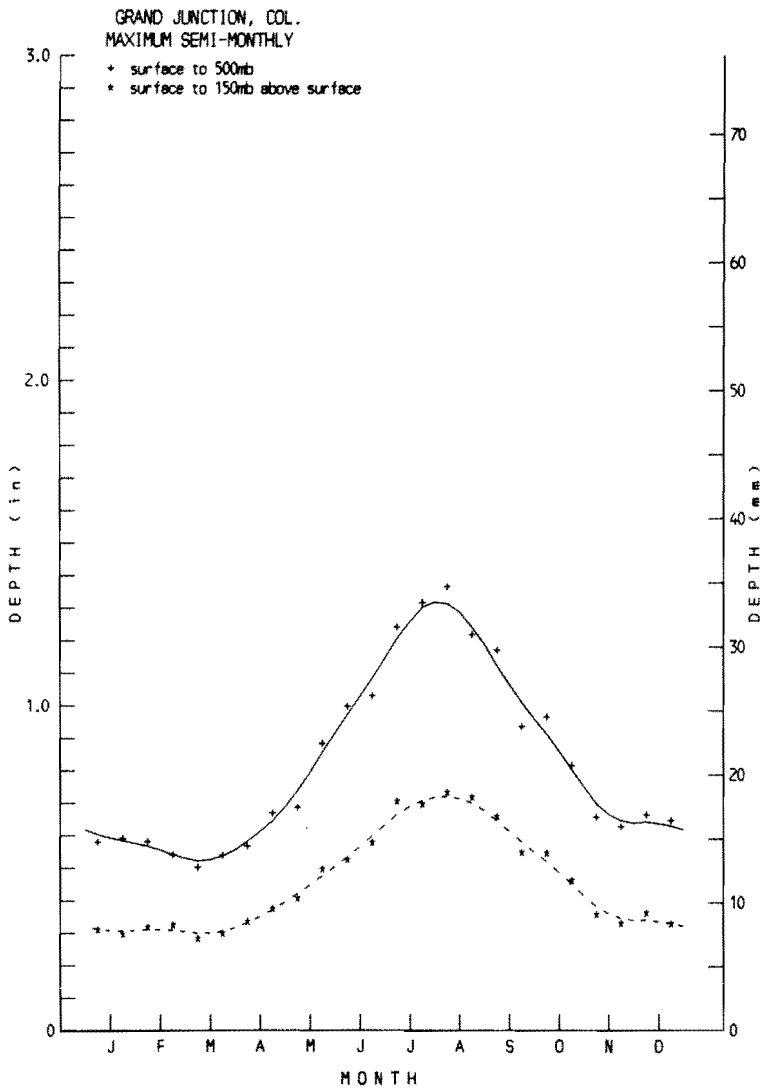
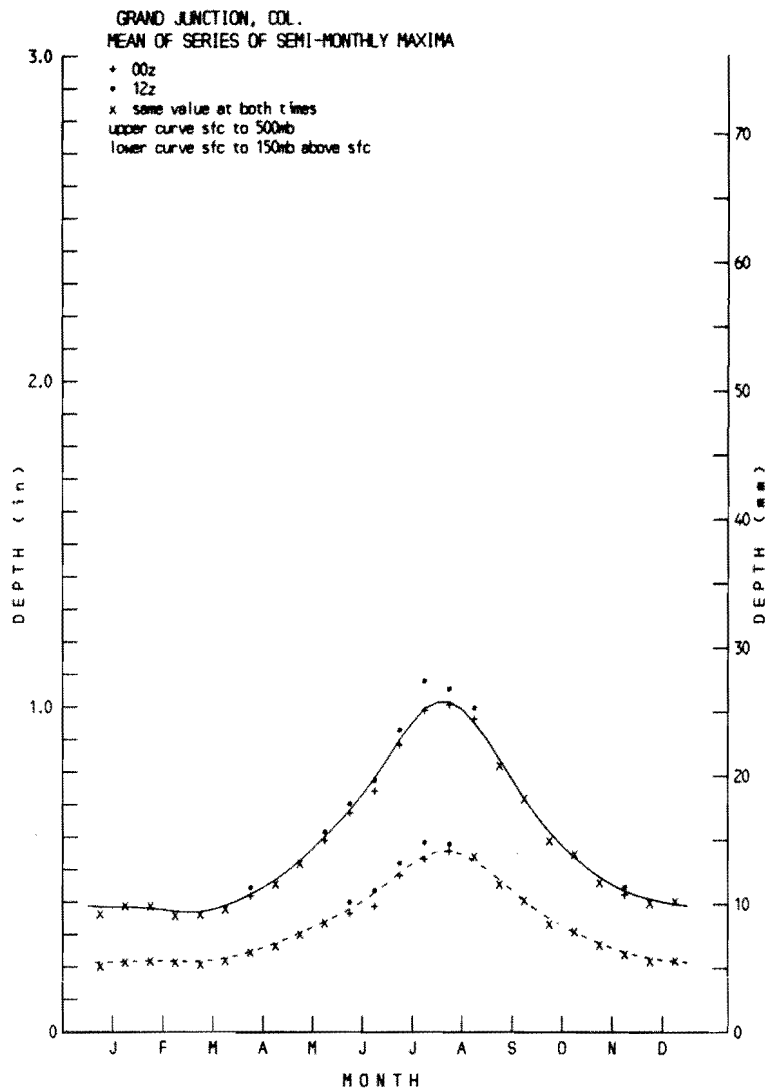
GOODLAND, KANS. 9 YEARS OF RECORD

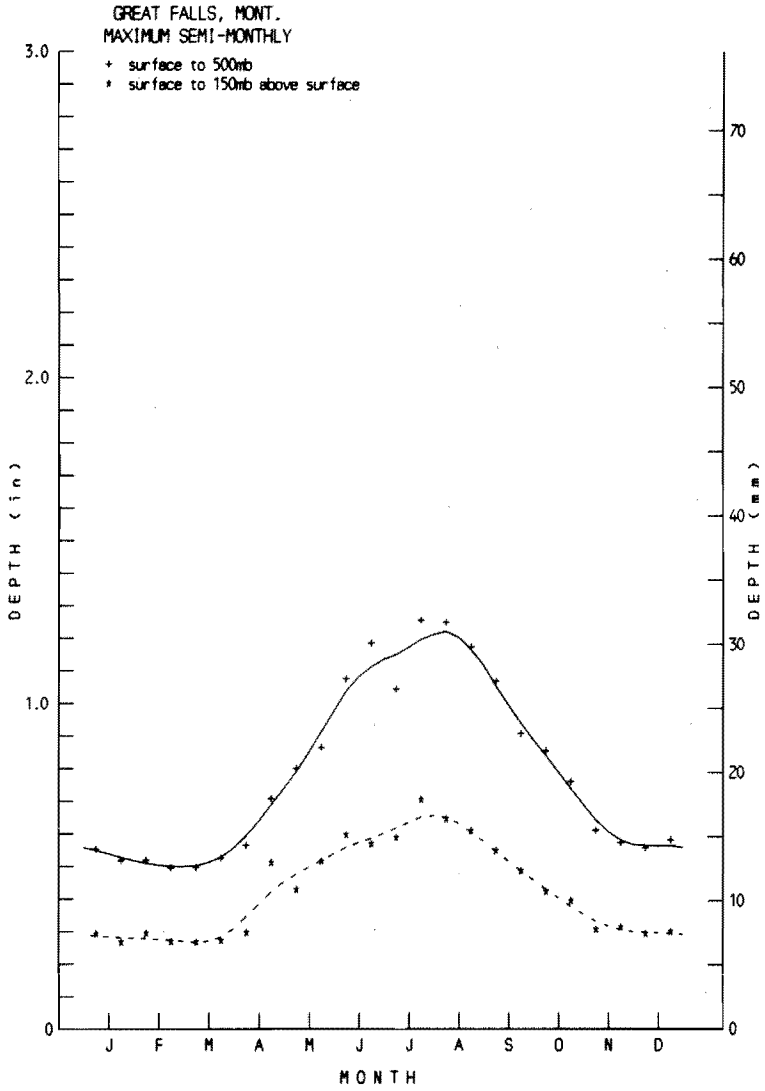
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
APR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	2.0396	(.8030)	55051503	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	2.5070	(.9870)	54051703	2.1561	(.8489)	.3500	(.1378)	1.8291	(.7201)	.2544	(.1002)	2
JUN-1	3.0805	(1.2128)	53061503	2.7604	(1.0868)	.2136	(.0841)	2.5822	(1.0166)	.2871	(.1130)	JUN-1
2	3.2555	(1.2817)	54061903	2.8735	(1.1313)	.2922	(.1150)	2.7421	(1.0796)	.2494	(.0982)	2
JUL-1	3.7442	(1.4741)	53071103	3.1693	(1.2477)	.2834	(.1116)	2.9370	(1.1563)	.3915	(.1541)	JUL-1
2	3.9131	(1.5406)	54072215	3.3028	(1.3003)	.4174	(.1643)	3.2754	(1.2895)	.3533	(.1391)	2
AUG-1	3.7475	(1.4754)	53080303	3.3512	(1.3194)	.3038	(.1196)	3.2158	(1.2660)	.2984	(.1175)	AUG-1
2	3.6911	(1.4532)	59082600	3.1975	(1.2588)	.3320	(.1307)	3.1243	(1.2300)	.2262	(.0891)	2
SEP-1	3.5263	(1.3883)	58091400	2.8724	(1.1308)	.4875	(.1919)	2.5501	(1.0040)	.4757	(.1873)	SEP-1
2	2.8471	(1.1209)	61091912	2.2568	(.8885)	.3400	(.1339)	2.3329	(.9184)	.4182	(.1647)	2
OCT-1	2.1166	(.8333)	54100203	1.8575	(.7313)	.3664	(.1442)	1.7639	(.6944)	.0418	(.0165)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
APR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	1.2334	(.4856)	55051503	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	1.4724	(.5797)	54052103	1.3509	(.5319)	.1353	(.0533)	1.1304	(.4450)	.0722	(.0284)	2
JUN-1	1.8857	(.7424)	58060300	1.6278	(.6409)	.1652	(.0650)	1.4617	(.5755)	.0837	(.0330)	JUN-1
2	1.9131	(.7532)	54061903	1.7501	(.6890)	.1918	(.0755)	1.6008	(.6302)	.1294	(.0509)	2
JUL-1	2.0414	(.8037)	60070200	1.8197	(.7164)	.1698	(.0668)	1.7046	(.6711)	.1524	(.0600)	JUL-1
2	2.4300	(.9567)	52072403	1.8649	(.7342)	.3132	(.1233)	1.7711	(.6973)	.1397	(.0550)	2
AUG-1	1.9548	(.7696)	61081300	1.8119	(.7133)	.1390	(.0547)	1.7352	(.6832)	.1226	(.0482)	AUG-1
2	1.9901	(.7835)	61081700	1.8161	(.7150)	.1041	(.0410)	1.7236	(.6786)	.1344	(.0529)	2
SEP-1	2.2062	(.8686)	58091400	1.5933	(.6273)	.3453	(.1360)	1.4317	(.5637)	.2282	(.0899)	SEP-1
2	1.5166	(.5971)	61091912	1.2303	(.4844)	.1599	(.0630)	1.2150	(.4784)	.2527	(.0995)	2
OCT-1	1.3528	(.5326)	54100203	1.1977	(.4715)	.2193	(.0863)	1.1938	(.4700)	.0047	(.0018)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2

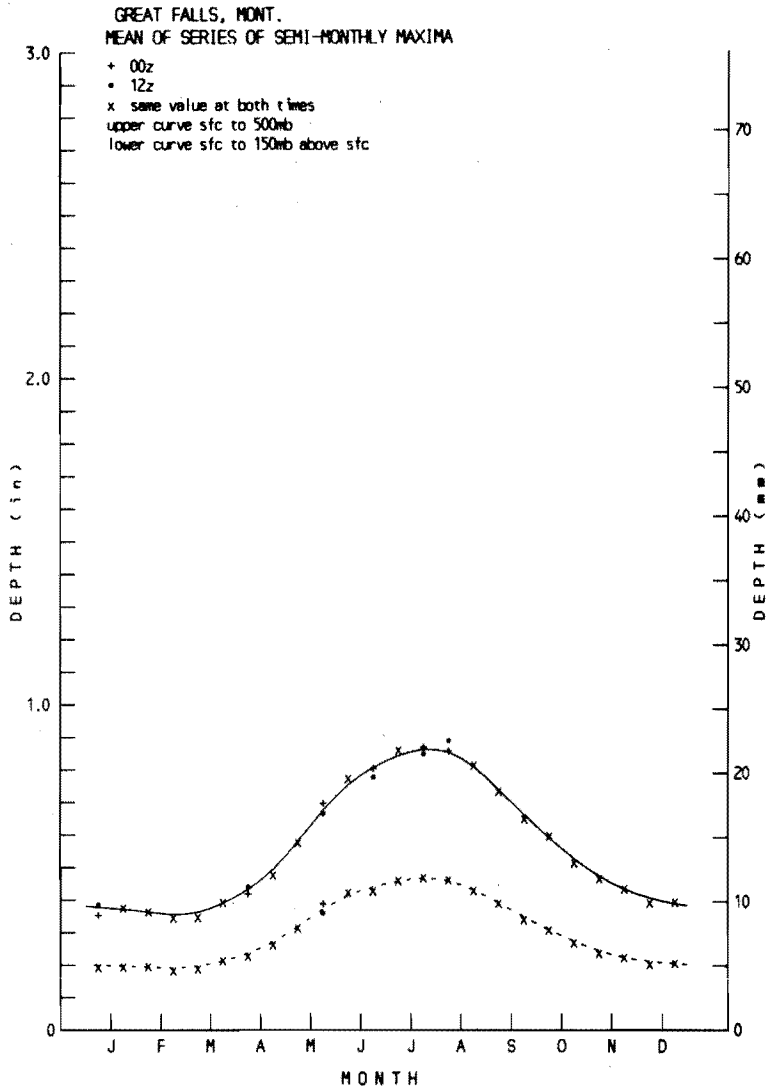

GRAND JUNCTION, COL.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


GRAND JUNCTION, COL.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

GRAND JUNCTION, COL. 26 YEARS OF RECORD

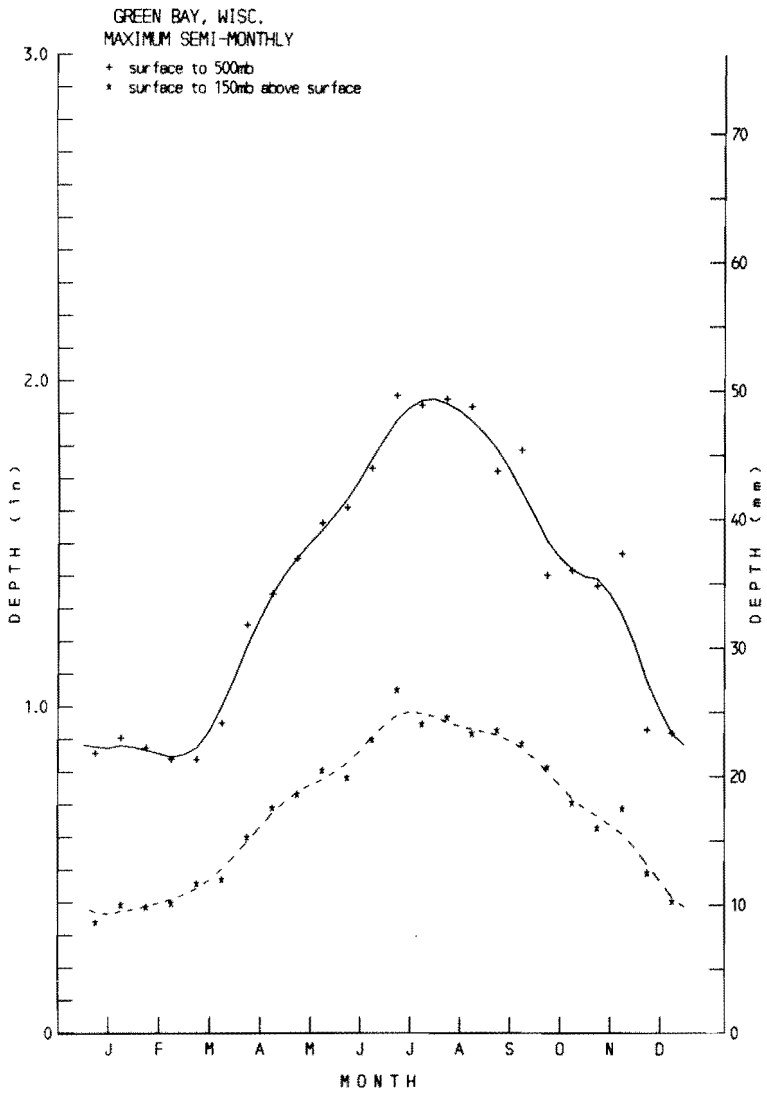
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.4709	(.5791)	69011412	.9229	(.3633)	.2033	(.0800)	.9411	(.3705)	.2076	(.0817)	JAN-1
2	1.4986	(.5900)	71011812	.9787	(.3853)	.2319	(.0913)	1.0103	(.3977)	.2219	(.0874)	2
FEB-1	1.4745	(.5805)	63029912	.9844	(.3876)	.2281	(.0898)	1.0012	(.3942)	.2168	(.0854)	FEB-1
2	1.3711	(.5398)	50029900	.8982	(.3536)	.2274	(.0895)	.9387	(.3696)	.2095	(.0825)	2
MAR-1	1.2723	(.5009)	57039900	.9165	(.3608)	.1705	(.0671)	.9358	(.3684)	.1465	(.0577)	MAR-1
2	1.3668	(.5381)	63039900	.9712	(.3824)	.1858	(.0731)	.9661	(.3804)	.1759	(.0693)	2
APR-1	1.4394	(.5667)	67040412	1.0574	(.4163)	.1504	(.0592)	1.1227	(.4420)	.1872	(.0737)	APR-1
2	1.6970	(.6681)	49049900	1.1759	(.4630)	.2329	(.0917)	1.1558	(.4550)	.2434	(.0958)	2
MAY-1	1.7419	(.6858)	69050700	1.3049	(.5137)	.2609	(.1027)	1.3522	(.5323)	.2399	(.0945)	MAY-1
2	2.2416	(.8825)	67052600	1.4940	(.5882)	.2908	(.1145)	1.5586	(.6136)	.2776	(.1093)	2
JUN-1	2.5336	(.9975)	53069912	1.7078	(.6724)	.3128	(.1232)	1.7804	(.7009)	.3613	(.1422)	JUN-1
2	2.6172	(1.0304)	54069900	1.8807	(.7404)	.3836	(.1510)	1.9628	(.7727)	.2930	(.1154)	2
JUL-1	3.1511	(1.2406)	63079912	2.2403	(.8820)	.4270	(.1681)	2.3572	(.9280)	.3770	(.1484)	JUL-1
2	3.3411	(1.3154)	69072012	2.5110	(.9886)	.1767	(.0696)	2.7398	(1.0786)	.2997	(.1180)	2
AUG-1	3.4653	(1.3643)	67080712	2.5530	(1.0051)	.3508	(.1381)	2.6772	(1.0540)	.3308	(.1303)	AUG-1
2	3.0912	(1.2170)	55089900	2.4428	(.9617)	.3770	(.1484)	2.5282	(.9953)	.3074	(.1210)	2
SEP-1	2.9710	(1.1697)	63099900	2.0995	(.8266)	.3547	(.1396)	2.0855	(.8211)	.3864	(.1521)	SEP-1
2	2.3752	(.9351)	51099900	1.8414	(.7250)	.3147	(.1239)	1.8260	(.7189)	.3185	(.1254)	2
OCT-1	2.4508	(.9649)	72100500	1.4800	(.5827)	.3727	(.1467)	1.5285	(.6018)	.3786	(.1491)	OCT-1
2	2.0696	(.8148)	63109912	1.4060	(.5535)	.3060	(.1205)	1.3916	(.5479)	.2841	(.1119)	2
NOV-1	1.6657	(.6558)	65111512	1.1558	(.4550)	.1619	(.0638)	1.1999	(.4724)	.1839	(.0724)	NOV-1
2	1.5898	(.6259)	65112312	1.0703	(.4214)	.2391	(.0941)	1.1288	(.4444)	.2369	(.0933)	2
DEC-1	1.6830	(.6626)	66120612	1.0383	(.4088)	.2234	(.0880)	.9973	(.3926)	.2354	(.0927)	DEC-1
2	1.6393	(.6454)	71122512	1.0235	(.4029)	.2230	(.0878)	1.0388	(.4090)	.2682	(.1056)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.7836	(.3085)	49019912	.5180	(.2039)	.1314	(.0517)	.5250	(.2067)	.1237	(.0487)	JAN-1
2	.7485	(.2947)	67013112	.5439	(.2141)	.1045	(.0411)	.5621	(.2213)	.1137	(.0448)	2
FEB-1	.8049	(.3169)	62029900	.5561	(.2189)	.1234	(.0486)	.5661	(.2229)	.1251	(.0492)	FEB-1
2	.8214	(.3234)	50029900	.5501	(.2166)	.1341	(.0528)	.5570	(.2193)	.1091	(.0430)	2
MAR-1	.7158	(.2818)	57039912	.5277	(.2078)	.0932	(.0367)	.5457	(.2148)	.0856	(.0337)	MAR-1
2	.7569	(.2980)	63039900	.5719	(.2252)	.0982	(.0387)	.5614	(.2210)	.0959	(.0377)	2
APR-1	.8484	(.3340)	49049912	.6101	(.2402)	.0856	(.0337)	.6517	(.2566)	.1036	(.0408)	APR-1
2	.9487	(.3735)	49049900	.6850	(.2697)	.1296	(.0510)	.6781	(.2670)	.1410	(.0555)	2
MAY-1	1.0282	(.4048)	66051000	.7565	(.2978)	.1598	(.0629)	.7906	(.3112)	.1407	(.0554)	MAY-1
2	1.2586	(.4955)	67052600	.8451	(.3327)	.1799	(.0708)	.8808	(.3468)	.1563	(.0616)	2
JUN-1	1.3340	(.5252)	53069912	.9227	(.3633)	.1861	(.0733)	1.0121	(.3985)	.1998	(.0787)	JUN-1
2	1.4658	(.5771)	54069912	.9793	(.3856)	.2062	(.0812)	1.1032	(.4343)	.1877	(.0739)	2
JUL-1	1.7897	(.7046)	63079912	1.2201	(.4804)	.2444	(.0962)	1.3177	(.5188)	.2147	(.0845)	JUL-1
2	1.7658	(.6952)	69072012	1.3482	(.5308)	.1405	(.0553)	1.4782	(.5820)	.1507	(.0593)	2
AUG-1	1.8585	(.7317)	67080712	1.4112	(.5556)	.1882	(.0741)	1.4646	(.5766)	.1814	(.0714)	AUG-1
2	1.8214	(.7171)	55089900	1.3626	(.5365)	.2365	(.0931)	1.4034	(.5525)	.1918	(.0755)	2
SEP-1	1.6700	(.6575)	63099900	1.1709	(.4610)	.2227	(.0877)	1.1601	(.4567)	.2061	(.0811)	SEP-1
2	1.3927	(.5483)	62099912	1.0433	(.4107)	.1945	(.0766)	1.0368	(.4082)	.1956	(.0770)	2
OCT-1	1.3840	(.5449)	54109912	.8343	(.3284)	.2249	(.0885)	.8728	(.3436)	.2013	(.0792)	OCT-1
2	1.1707	(.4609)	63109912	.7900	(.3110)	.1795	(.0707)	.8010	(.3154)	.1621	(.0638)	2
NOV-1	.9045	(.3561)	57119912	.6836	(.2691)	.1049	(.0413)	.6973	(.2745)	.1045	(.0411)	NOV-1
2	.8339	(.3283)	50119900	.6082	(.2395)	.1187	(.0467)	.6256	(.2463)	.1141	(.0449)	2
DEC-1	.9157	(.3605)	66120700	.5697	(.2243)	.1280	(.0504)	.5543	(.2182)	.1301	(.0512)	DEC-1
2	.8313	(.3273)	71122512	.5745	(.2262)	.1266	(.0498)	.5598	(.2204)	.1297	(.0510)	2

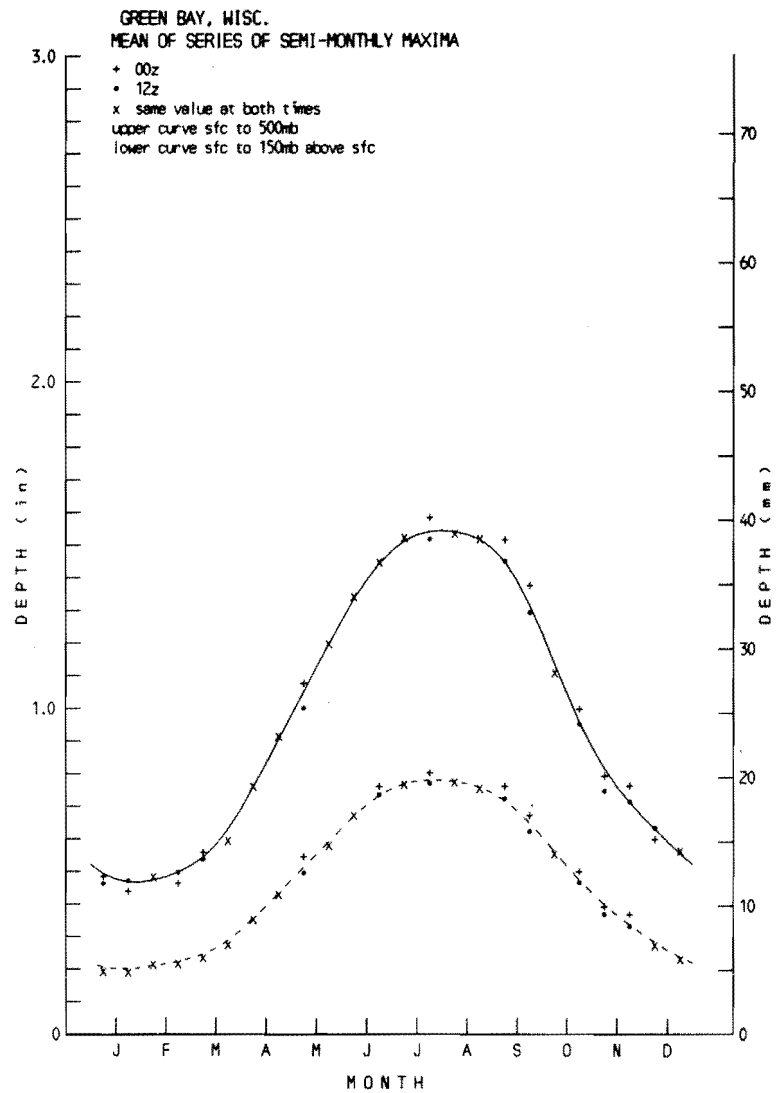

GREAT FALLS, MONT.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


GREAT FALLS, MONT.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

GREAT FALLS, MONT. 27 YEARS OF RECORD

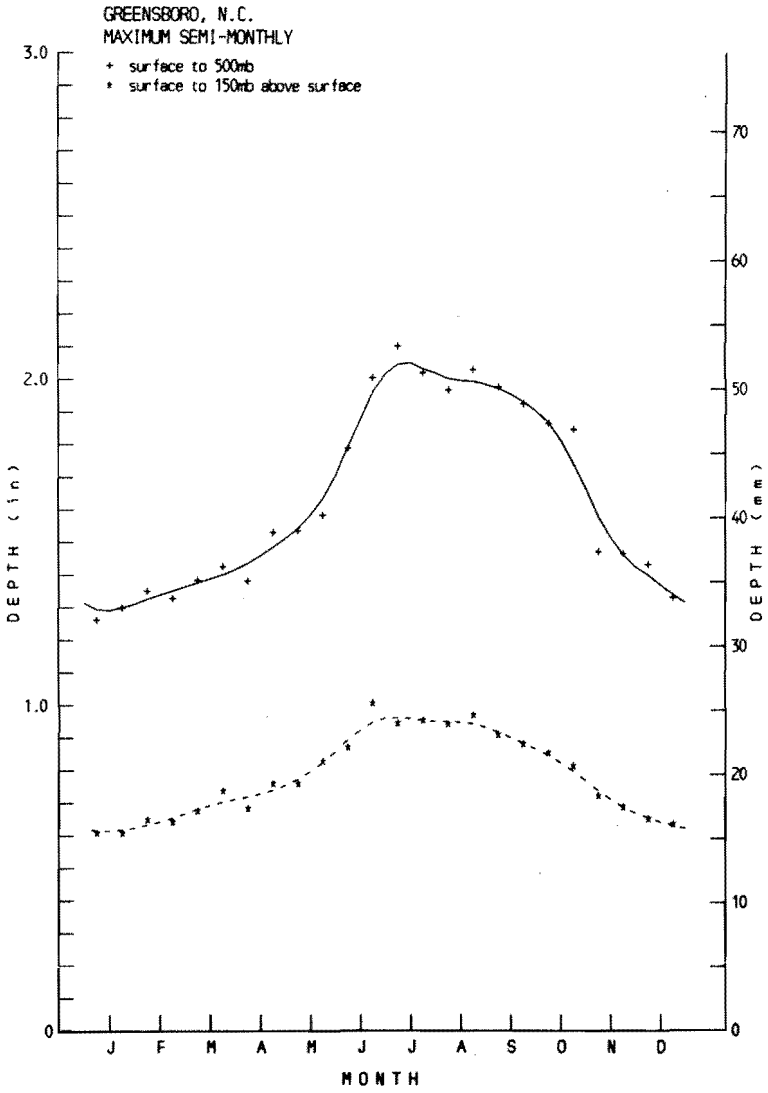
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.3998	(.5511)	59019912	.8916	(.3510)	.1949	(.0768)	.9741	(.3835)	.2450	(.0965)	JAN-1
2	1.3104	(.5159)	71013012	.9638	(.3794)	.1741	(.0686)	.9566	(.3766)	.1930	(.0760)	2
FEB-1	1.3124	(.5167)	61029912	.9155	(.3604)	.1701	(.0670)	.9468	(.3728)	.1733	(.0682)	FEB-1
2	1.2543	(.4938)	68021912	.8699	(.3425)	.1828	(.0720)	.8941	(.3520)	.1612	(.0635)	2
MAR-1	1.2553	(.4942)	72031400	.9029	(.3555)	.1996	(.0786)	.8715	(.3431)	.1739	(.0685)	MAR-1
2	1.3292	(.5233)	72031912	.9950	(.3918)	.1470	(.0579)	1.0129	(.3988)	.1548	(.0609)	2
APR-1	1.4298	(.5629)	69040712	1.0581	(.4166)	.1418	(.0558)	1.1130	(.4382)	.1682	(.0662)	APR-1
2	1.7945	(.7065)	46049900	1.2423	(.4891)	.2644	(.1041)	1.1941	(.4701)	.2176	(.0857)	2
MAY-1	2.0287	(.7987)	66051012	1.4580	(.5740)	.2478	(.0976)	1.4857	(.5849)	.2109	(.0830)	MAY-1
2	2.1925	(.8632)	56059912	1.7660	(.6953)	.2083	(.0820)	1.6861	(.6638)	.2450	(.0964)	2
JUN-1	2.7302	(1.0749)	72060900	1.9844	(.7813)	.2688	(.1058)	1.9618	(.7724)	.2768	(.1090)	JUN-1
2	3.0071	(1.1839)	54069900	2.0388	(.8027)	.3168	(.1247)	1.9715	(.7762)	.2356	(.0928)	2
JUL-1	2.6479	(1.0425)	70071312	2.1934	(.8635)	.2422	(.0954)	2.1924	(.8632)	.2626	(.1034)	JUL-1
2	3.1847	(1.2538)	55079900	2.2055	(.8683)	.3496	(.1376)	2.1526	(.8475)	.2743	(.1080)	2
AUG-1	3.1692	(1.2477)	63089912	2.1754	(.8565)	.2864	(.1128)	2.2559	(.8881)	.3316	(.1306)	AUG-1
2	2.9759	(1.1716)	46089912	2.0819	(.8197)	.3523	(.1387)	2.0714	(.8155)	.3962	(.1560)	2
SEP-1	2.7122	(1.0678)	63099912	1.8536	(.7298)	.3105	(.1222)	1.8913	(.7446)	.3365	(.1325)	SEP-1
2	2.3038	(.9070)	63099900	1.6650	(.6555)	.2550	(.1004)	1.6473	(.6485)	.2239	(.0882)	2
OCT-1	2.1664	(.8529)	46109900	1.5357	(.6046)	.2550	(.1004)	1.5125	(.5955)	.2555	(.1006)	OCT-1
2	1.9276	(.7589)	59109912	1.3130	(.5169)	.2501	(.0985)	1.3090	(.5154)	.2353	(.0926)	2
NOV-1	1.5474	(.6092)	62119912	1.1950	(.4705)	.1332	(.0524)	1.1832	(.4658)	.1802	(.0709)	NOV-1
2	1.4511	(.5713)	50119912	1.1147	(.4389)	.1585	(.0624)	1.1051	(.4351)	.1848	(.0727)	2
DEC-1	1.4102	(.5552)	62129900	1.0161	(.4001)	.1927	(.0759)	.9817	(.3865)	.1720	(.0677)	DEC-1
2	1.4709	(.5791)	62129900	1.0190	(.4012)	.2337	(.0920)	.9920	(.3905)	.1839	(.0724)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.7402	(.2914)	48019912	.4871	(.1918)	.0927	(.0365)	.5069	(.1996)	.1130	(.0445)	JAN-1
2	.6731	(.2650)	70012412	.5041	(.1985)	.1011	(.0398)	.4954	(.1951)	.1113	(.0438)	2
FEB-1	.7430	(.2925)	63029900	.5036	(.1983)	.0995	(.0392)	.5026	(.1979)	.0840	(.0331)	FEB-1
2	.6784	(.2671)	72022800	.4729	(.1862)	.0979	(.0386)	.4645	(.1829)	.0908	(.0358)	2
MAR-1	.6746	(.2656)	61039900	.4856	(.1912)	.0954	(.0376)	.4813	(.1895)	.0883	(.0348)	MAR-1
2	.6850	(.2697)	46039900	.5423	(.2135)	.0760	(.0299)	.5564	(.2190)	.0700	(.0275)	2
APR-1	.7490	(.2949)	69041112	.5786	(.2278)	.0843	(.0332)	.5883	(.2316)	.0906	(.0357)	APR-1
2	1.2954	(.5100)	58049900	.6792	(.2674)	.1802	(.0709)	.6663	(.2623)	.1031	(.0406)	2
MAY-1	1.0859	(.4275)	66051012	.8055	(.3171)	.1111	(.0437)	.8054	(.3171)	.1192	(.0469)	MAY-1
2	1.3066	(.5144)	48059900	.9810	(.3862)	.1530	(.0602)	.9074	(.3572)	.1186	(.0467)	2
JUN-1	1.5121	(.5953)	72061000	1.0753	(.4233)	.1523	(.0600)	1.0883	(.4285)	.1449	(.0571)	JUN-1
2	1.4420	(.5677)	54069900	1.1063	(.4355)	.1705	(.0671)	1.0827	(.4263)	.1112	(.0438)	2
JUL-1	1.4902	(.5867)	55079912	1.1812	(.4650)	.1732	(.0682)	1.1703	(.4608)	.1551	(.0610)	JUL-1
2	1.7879	(.7039)	55079900	1.2035	(.4738)	.2018	(.0795)	1.1937	(.4700)	.1622	(.0638)	2
AUG-1	1.6358	(.6440)	63089912	1.1648	(.4586)	.1691	(.0666)	1.1982	(.4717)	.1727	(.0680)	AUG-1
2	1.5438	(.6078)	46089912	1.0927	(.4302)	.1782	(.0702)	1.1051	(.4351)	.2007	(.0790)	2
SEP-1	1.3886	(.5467)	63099912	.9810	(.3862)	.1516	(.0597)	1.0138	(.3991)	.1488	(.0586)	SEP-1
2	1.2316	(.4849)	63099900	.8795	(.3462)	.1285	(.0506)	.8596	(.3384)	.1380	(.0543)	2
OCT-1	1.0701	(.4213)	63109900	.7879	(.3102)	.1264	(.0498)	.7914	(.3116)	.1064	(.0419)	OCT-1
2	.9980	(.3929)	59109912	.6891	(.2713)	.1153	(.0454)	.6873	(.2706)	.1141	(.0449)	2
NOV-1	.7747	(.3050)	71111312	.6055	(.2384)	.0650	(.0256)	.6053	(.2383)	.0832	(.0328)	NOV-1
2	.7912	(.3115)	54119912	.5733	(.2257)	.0765	(.0301)	.5736	(.2258)	.1016	(.0400)	2
DEC-1	.7402	(.2914)	58129912	.5216	(.2054)	.0919	(.0362)	.5150	(.2027)	.0807	(.0318)	DEC-1
2	.7562	(.2977)	64129900	.5310	(.2090)	.1179	(.0464)	.5245	(.2065)	.0943	(.0371)	2

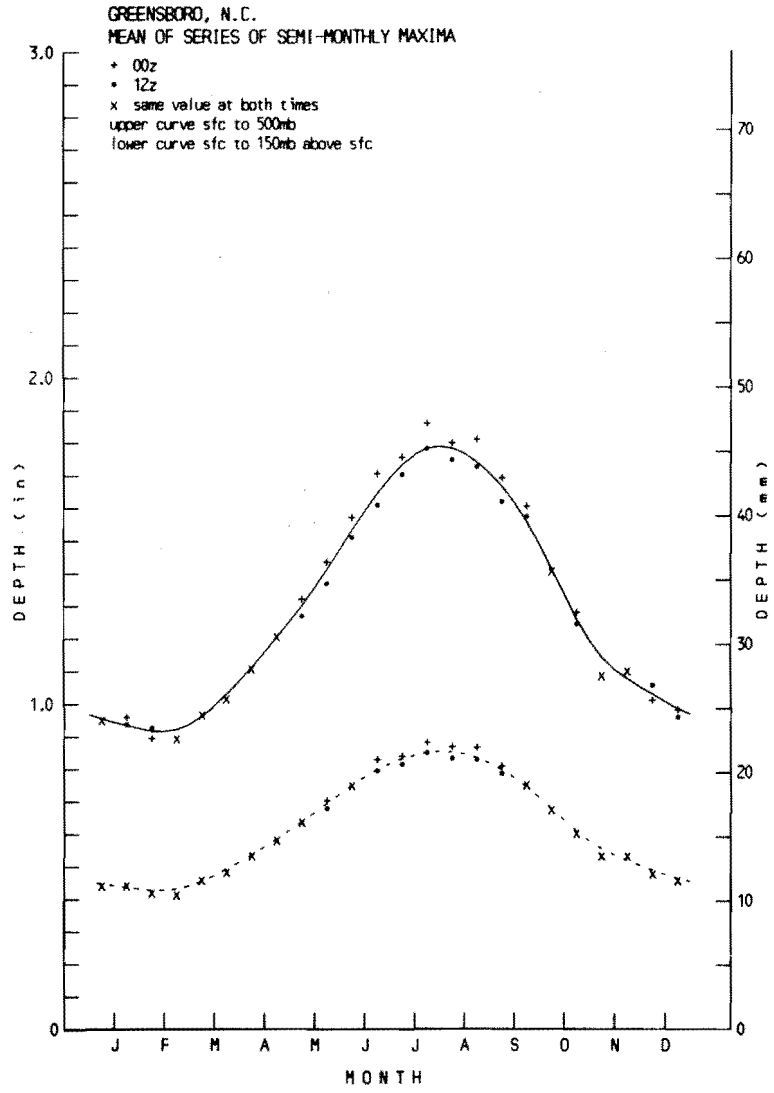

GREEN BAY, WISC.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


GREEN BAY, WISC.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

GREEN BAY, WISC. 20 YEARS OF RECORD

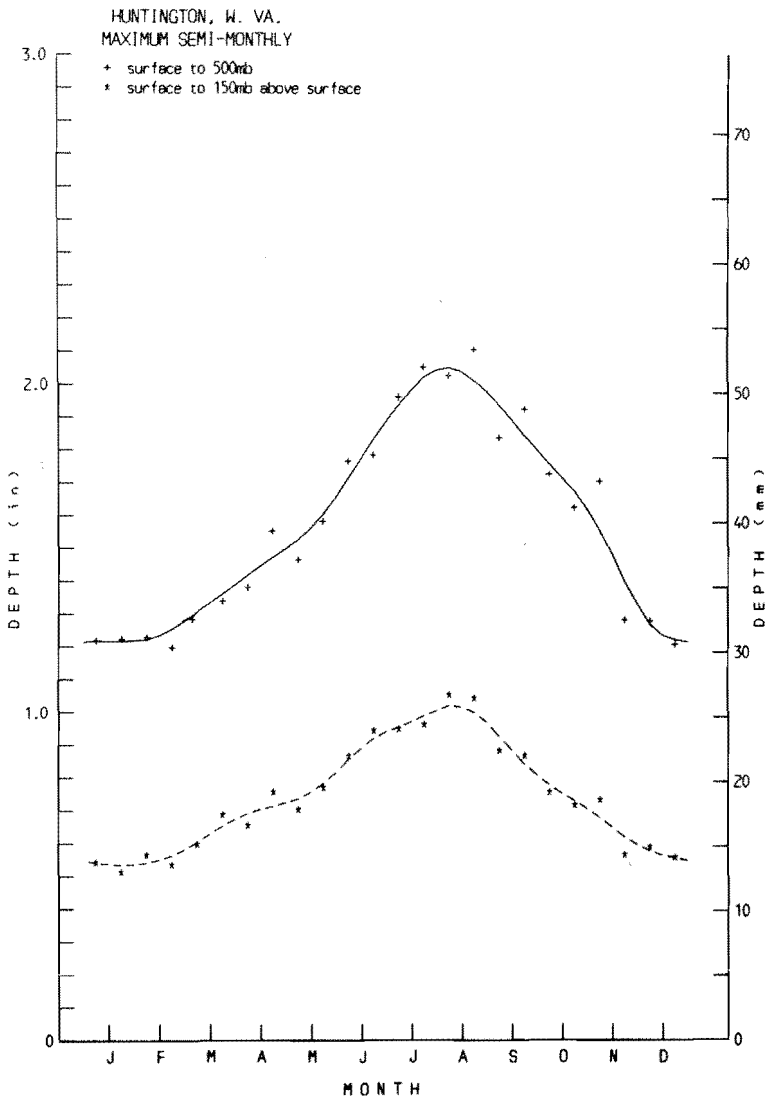
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.1727	(.8554)	60011300	1.2257	(.4826)	.2998	(.1180)	1.1701	(.4607)	.2937	(.1156)	JAN-1
2	2.2929	(.9027)	68012912	1.1119	(.4377)	.4390	(.1728)	1.1922	(.4694)	.4358	(.1716)	2
FEB-1	2.2151	(.8721)	66020912	1.2353	(.4863)	.4076	(.1605)	1.2365	(.4868)	.3779	(.1488)	FEB-1
2	2.1272	(.8375)	55022003	1.1729	(.4618)	.4772	(.1879)	1.2578	(.4952)	.4054	(.1596)	2
MAR-1	2.1265	(.8372)	70030312	1.4126	(.5562)	.4212	(.1658)	1.3607	(.5357)	.4752	(.1871)	MAR-1
2	2.4082	(.9481)	67033012	1.5147	(.5963)	.4656	(.1833)	1.5217	(.5991)	.4794	(.1888)	2
APR-1	3.1747	(1.2499)	67041400	1.9552	(.7698)	.4867	(.1916)	1.9249	(.7578)	.5831	(.2296)	APR-1
2	3.4155	(1.3447)	57042003	2.3268	(.9161)	.4591	(.1808)	2.3331	(.9185)	.3436	(.1353)	2
MAY-1	3.6901	(1.4528)	61051500	2.7296	(1.0746)	.5613	(.2210)	2.5365	(.9986)	.5340	(.2102)	MAY-1
2	3.9685	(1.5624)	53053003	3.0511	(1.2012)	.4922	(.1938)	3.0498	(1.2007)	.3873	(.1525)	2
JUN-1	4.0891	(1.6099)	63060700	3.4398	(1.3542)	.2971	(.1170)	3.3989	(1.3381)	.4088	(.1609)	JUN-1
2	4.3950	(1.7303)	68063012	3.7008	(1.4570)	.3682	(.1450)	3.6689	(1.4445)	.3842	(.1513)	2
JUL-1	4.9614	(1.9533)	58070112	3.8845	(1.5293)	.4998	(.1968)	3.8690	(1.5232)	.5689	(.2240)	JUL-1
2	4.8844	(1.9230)	57072200	4.0197	(1.5825)	.4586	(.1806)	3.8540	(1.5173)	.4779	(.1881)	2
AUG-1	4.9324	(1.9419)	55080403	3.8966	(1.5341)	.4339	(.1708)	3.9180	(1.5425)	.5780	(.2276)	AUG-1
2	4.8727	(1.9184)	55082703	3.8891	(1.5311)	.4891	(.1926)	3.8444	(1.5135)	.3753	(.1478)	2
SEP-1	4.3716	(1.7211)	61091012	3.8462	(1.5142)	.3226	(.1270)	3.6807	(1.4491)	.4408	(.1735)	SEP-1
2	4.5357	(1.7857)	58092412	3.4910	(1.3744)	.6278	(.2472)	3.2817	(1.2920)	.6394	(.2517)	2
OCT-1	3.5624	(1.4025)	71100312	2.8353	(1.1162)	.5185	(.2041)	2.8131	(1.1075)	.5001	(.1969)	OCT-1
2	3.5997	(1.4172)	71101912	2.5296	(.9959)	.4722	(.1859)	2.4155	(.9510)	.5381	(.2119)	2
NOV-1	3.4798	(1.3700)	61110300	2.0093	(.7911)	.5024	(.1978)	1.8921	(.7449)	.4862	(.1914)	NOV-1
2	3.7297	(1.4684)	58111800	1.9308	(.7602)	.6231	(.2453)	1.8063	(.7111)	.6039	(.2378)	2
DEC-1	2.3607	(.9294)	70120112	1.5143	(.5962)	.3487	(.1373)	1.6032	(.6312)	.4907	(.1932)	DEC-1
2	2.3340	(.9189)	72123012	1.4617	(.5755)	.3817	(.1503)	1.4129	(.5563)	.4145	(.1632)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.8585	(.3380)	65010800	.4991	(.1965)	.1371	(.0540)	.4985	(.1963)	.1166	(.0459)	JAN-1
2	.9944	(.3915)	67012300	.4879	(.1921)	.1856	(.0731)	.4964	(.1955)	.2003	(.0789)	2
FEB-1	.9761	(.3843)	66020900	.5425	(.2136)	.1914	(.0753)	.5598	(.2204)	.1808	(.0712)	FEB-1
2	1.0048	(.3956)	71022700	.5498	(.2165)	.2212	(.0871)	.5656	(.2227)	.1814	(.0714)	2
MAR-1	1.1582	(.4560)	71031500	.6013	(.2367)	.2189	(.0862)	.6061	(.2386)	.1925	(.0758)	MAR-1
2	1.1902	(.4686)	67033112	.6941	(.2733)	.2454	(.0966)	.7168	(.2822)	.2636	(.1038)	2
APR-1	1.5210	(.5988)	56040303	.9264	(.3647)	.3046	(.1199)	.8796	(.3463)	.2626	(.1034)	APR-1
2	1.7493	(.6887)	70043000	1.1197	(.4408)	.2997	(.1180)	1.0758	(.4236)	.2247	(.0885)	2
MAY-1	1.8572	(.7312)	62051500	1.3804	(.5434)	.3265	(.1285)	1.2536	(.4935)	.2993	(.1178)	MAY-1
2	2.0432	(.8044)	53053003	1.4875	(.5856)	.3036	(.1195)	1.4714	(.5793)	.2252	(.0887)	2
JUN-1	1.9868	(.7822)	63060600	1.7354	(.6832)	.1333	(.0525)	1.6943	(.6671)	.1412	(.0556)	JUN-1
2	2.2824	(.8986)	69062700	1.9275	(.7589)	.1926	(.0758)	1.8629	(.7334)	.1983	(.0781)	2
JUL-1	2.6708	(1.0515)	72071012	1.9775	(.7785)	.2268	(.0893)	1.9402	(.7639)	.2620	(.1031)	JUL-1
2	2.4046	(.9467)	68071600	2.0351	(.8012)	.2147	(.0845)	1.9542	(.7694)	.2369	(.0933)	2
AUG-1	2.4547	(.9664)	55080403	1.9789	(.7791)	.1731	(.0681)	1.9715	(.7762)	.2186	(.0861)	AUG-1
2	2.3299	(.9173)	59082100	1.9176	(.7550)	.2186	(.0861)	1.9322	(.7607)	.2199	(.0866)	2
SEP-1	2.3548	(.9271)	60090100	1.9302	(.7599)	.2597	(.1023)	1.8333	(.7218)	.2980	(.1173)	SEP-1
2	2.2509	(.8862)	58092500	1.7029	(.6704)	.3234	(.1273)	1.5790	(.6216)	.2842	(.1119)	2
OCT-1	2.0663	(.8135)	68101512	1.4117	(.5558)	.2628	(.1035)	1.4202	(.5591)	.3063	(.1206)	OCT-1
2	1.7912	(.7052)	62101600	1.2640	(.4977)	.2835	(.1116)	1.1797	(.4644)	.2656	(.1046)	2
NOV-1	1.5941	(.6276)	61110300	.9915	(.3903)	.2586	(.1018)	.9322	(.3670)	.2406	(.0947)	NOV-1
2	1.7465	(.6876)	58111800	.9290	(.3657)	.3333	(.1312)	.8366	(.3294)	.2891	(.1138)	2
DEC-1	1.2469	(.4909)	70120112	.6910	(.2720)	.1899	(.0747)	.7111	(.2799)	.2536	(.0998)	DEC-1
2	1.0239	(.4031)	67122112	.5929	(.2334)	.1817	(.0715)	.5931	(.2335)	.1983	(.0781)	2

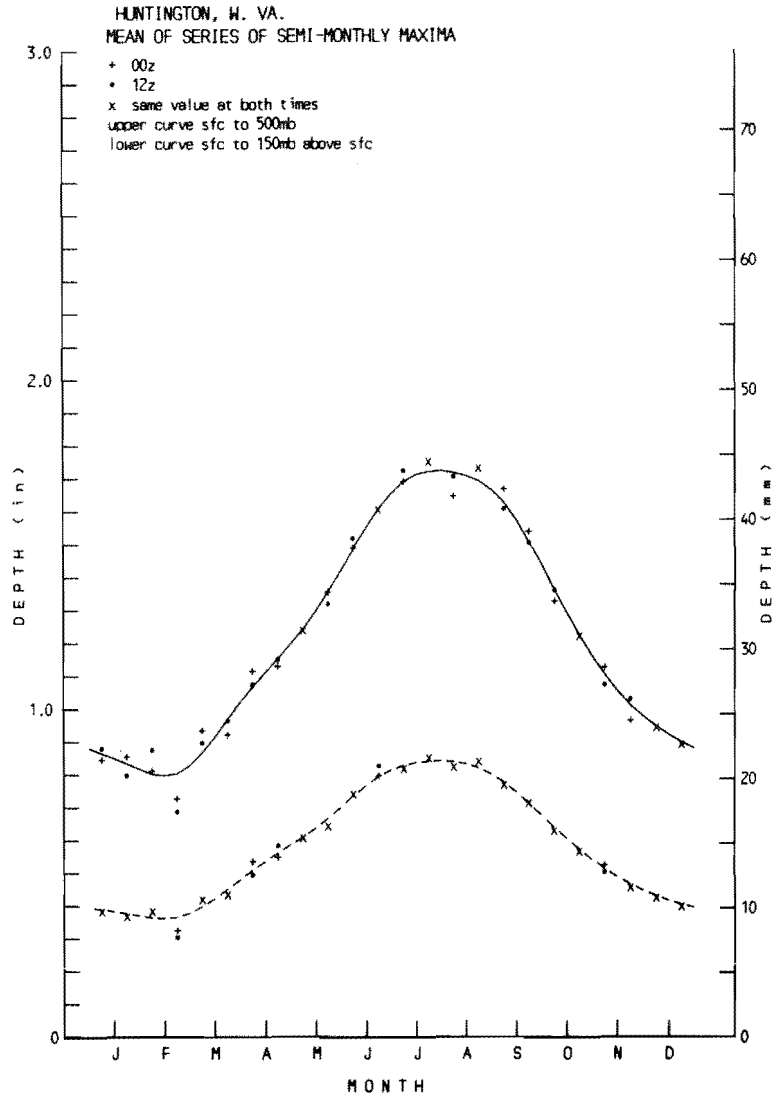

GREENSBORO, N.C.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


GREENSBORO, N.C.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

GREENSBORO, N.C. 27 YEARS OF RECORD

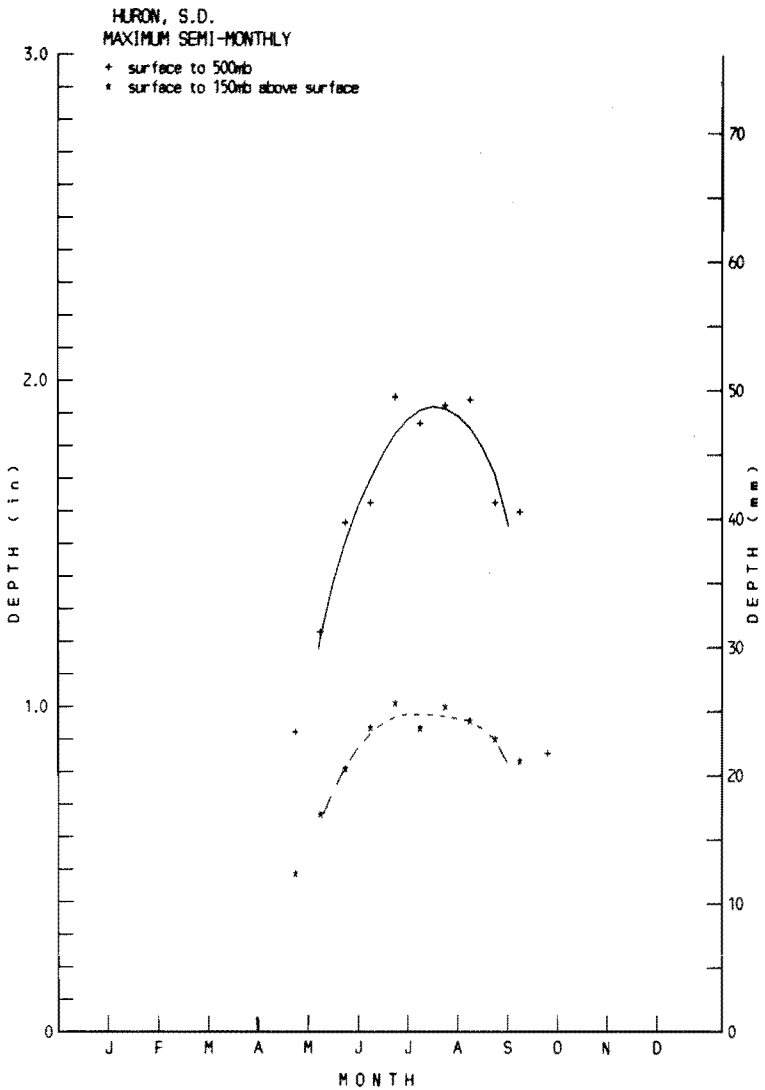
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.2027	(1.2609)	49010603	2.4203	(.9529)	.3946	(.1554)	2.4176	(.9518)	.4540	(.1787)	JAN-1
2	3.2977	(1.2983)	54012103	2.4316	(.9573)	.5109	(.2011)	2.3760	(.9354)	.4741	(.1867)	2
FEB-1	3.4267	(1.3491)	66021312	2.2667	(.8924)	.5141	(.2024)	2.3498	(.9251)	.5298	(.2086)	FEB-1
2	3.3708	(1.3271)	53022103	2.2647	(.8916)	.6171	(.2430)	2.2871	(.9004)	.5106	(.2010)	2
MAR-1	3.5115	(1.3825)	61030700	2.4699	(.9724)	.5015	(.1974)	2.4553	(.9667)	.4991	(.1965)	MAR-1
2	3.6180	(1.4244)	49032515	2.5704	(1.0120)	.4296	(.1691)	2.6043	(1.0253)	.4444	(.1750)	2
APR-1	3.5065	(1.3805)	55041403	2.8226	(1.1112)	.4299	(.1692)	2.8213	(1.1108)	.4083	(.1607)	APR-1
2	3.8839	(1.5291)	70042400	3.0619	(1.2055)	.3483	(.1371)	3.0856	(1.2148)	.3187	(.1255)	2
MAY-1	3.8961	(1.5339)	48051215	3.3535	(1.3203)	.2571	(.1012)	3.2218	(1.2684)	.3691	(.1453)	MAY-1
2	4.0193	(1.5824)	55052415	3.6404	(1.4332)	.2067	(.0814)	3.4734	(1.3675)	.3596	(.1416)	2
JUN-1	4.5375	(1.7864)	66061000	3.9875	(1.5699)	.3768	(.1483)	3.8329	(1.5090)	.3805	(.1498)	JUN-1
2	5.0861	(2.0024)	49062503	4.3287	(1.7042)	.3265	(.1285)	4.0843	(1.6080)	.3379	(.1330)	2
JUL-1	5.3317	(2.0991)	49071103	4.4559	(1.7543)	.3177	(.1251)	4.3216	(1.7014)	.3262	(.1284)	JUL-1
2	5.1257	(2.0180)	53072303	4.7177	(1.8574)	.2894	(.1139)	4.5229	(1.7807)	.2240	(.0882)	2
AUG-1	4.9903	(1.9647)	72080500	4.5656	(1.7975)	.2179	(.0858)	4.4357	(1.7463)	.2395	(.0943)	AUG-1
2	5.1488	(2.0271)	57081600	4.5940	(1.8087)	.3085	(.1215)	4.3813	(1.7249)	.3229	(.1271)	2
SEP-1	5.0142	(1.9741)	62091000	4.2946	(1.6908)	.3668	(.1444)	4.1094	(1.6179)	.3747	(.1475)	SEP-1
2	4.8834	(1.9226)	57091712	4.0734	(1.6037)	.3637	(.1432)	3.9932	(1.5721)	.4799	(.1890)	2
OCT-1	4.7320	(1.8630)	59100100	3.6020	(1.4181)	.5220	(.2055)	3.5623	(1.4025)	.6661	(.2622)	OCT-1
2	4.6850	(1.8445)	68101900	3.2481	(1.2788)	.5989	(.2358)	3.1578	(1.2432)	.5699	(.2244)	2
NOV-1	3.7325	(1.4695)	46110303	2.7546	(1.0845)	.5136	(.2022)	2.7782	(1.0938)	.5731	(.2256)	NOV-1
2	3.7191	(1.4642)	62112200	2.8228	(1.1113)	.3704	(.1458)	2.7816	(1.0951)	.3953	(.1556)	2
DEC-1	3.6335	(1.4305)	53120615	2.5616	(1.0085)	.4660	(.1834)	2.6803	(1.0552)	.5077	(.1999)	DEC-1
2	3.3749	(1.3287)	48121615	2.4862	(.9788)	.5935	(.2336)	2.4290	(.9563)	.5657	(.2227)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.5420	(.6071)	71010512	1.1155	(.4392)	.2349	(.0925)	1.1401	(.4489)	.2420	(.0953)	JAN-1
2	1.5408	(.6066)	57012915	1.1380	(.4480)	.2614	(.1029)	1.1220	(.4417)	.3082	(.1213)	2
FEB-1	1.6449	(.6476)	66021312	1.0620	(.4181)	.2523	(.0993)	1.0795	(.4250)	.2237	(.0881)	FEB-1
2	1.6281	(.6410)	71022300	1.0681	(.4205)	.3112	(.1225)	1.0443	(.4112)	.3098	(.1220)	2
MAR-1	1.7148	(.6751)	64030500	1.1927	(.4696)	.3138	(.1235)	1.1524	(.4537)	.2746	(.1081)	MAR-1
2	1.8707	(.7365)	48032103	1.2499	(.4921)	.2206	(.0868)	1.2190	(.4799)	.2215	(.0872)	2
APR-1	1.7325	(.6821)	70040212	1.3526	(.5325)	.2070	(.0815)	1.3770	(.5421)	.2009	(.0791)	APR-1
2	1.9276	(.7589)	70042412	1.4915	(.5872)	.1679	(.0661)	1.4798	(.5826)	.1766	(.0695)	2
MAY-1	1.9271	(.7587)	53050215	1.6224	(.6388)	.1526	(.0601)	1.6309	(.6421)	.1579	(.0622)	MAY-1
2	2.1011	(.8272)	53052515	1.7824	(.7017)	.1306	(.0514)	1.7207	(.6774)	.1470	(.0579)	2
JUN-1	2.2095	(.8699)	58061500	1.9355	(.7620)	.1480	(.0583)	1.8892	(.7438)	.1203	(.0473)	JUN-1
2	2.5545	(1.0057)	69062800	2.1048	(.8287)	.1588	(.0625)	2.0152	(.7934)	.1553	(.0612)	2
JUL-1	2.3985	(.9443)	53070703	2.1303	(.8387)	.1108	(.0436)	2.0677	(.8141)	.1269	(.0500)	JUL-1
2	2.4224	(.9537)	62071600	2.2363	(.8804)	.1013	(.0399)	2.1555	(.8486)	.1005	(.0396)	2
AUG-1	2.3929	(.9421)	51080803	2.2025	(.8671)	.1147	(.0452)	2.1127	(.8318)	.1023	(.0403)	AUG-1
2	2.4633	(.9698)	66081900	2.1967	(.8648)	.1376	(.0542)	2.1013	(.8273)	.1628	(.0641)	2
SEP-1	2.3099	(.9094)	61090400	2.0509	(.8075)	.1488	(.0586)	1.9925	(.7844)	.1573	(.0619)	SEP-1
2	2.2377	(.8810)	72092800	1.9313	(.7604)	.1963	(.0773)	1.9035	(.7494)	.1934	(.0762)	2
OCT-1	2.1687	(.8538)	59101000	1.7174	(.6761)	.2043	(.0804)	1.7274	(.6801)	.2374	(.0935)	OCT-1
2	2.0648	(.8129)	68101912	1.5462	(.6087)	.2030	(.0799)	1.5274	(.6014)	.2251	(.0886)	2
NOV-1	1.8334	(.7218)	71110212	1.3530	(.5327)	.2773	(.1092)	1.3680	(.5386)	.2841	(.1118)	NOV-1
2	1.7463	(.6875)	48111915	1.3597	(.5353)	.2034	(.0801)	1.3584	(.5348)	.2234	(.0880)	2
DEC-1	1.6525	(.6506)	72121012	1.2084	(.4758)	.2302	(.0906)	1.2287	(.4837)	.2701	(.1063)	DEC-1
2	1.6086	(.6333)	71121612	1.1680	(.4598)	.3186	(.1254)	1.1660	(.4591)	.2976	(.1171)	2

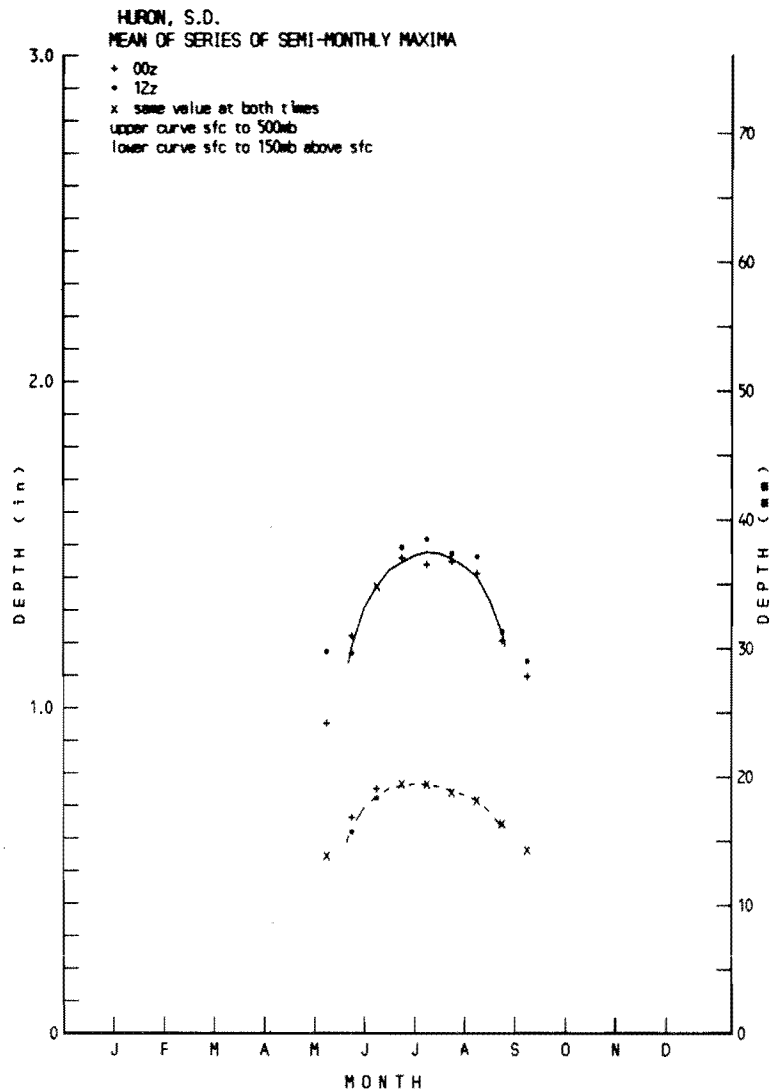

HUNTINGTON, W. VA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


HUNTINGTON, W. VA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

HUNTINGTON, W. VA. 14 YEARS OF RECORD

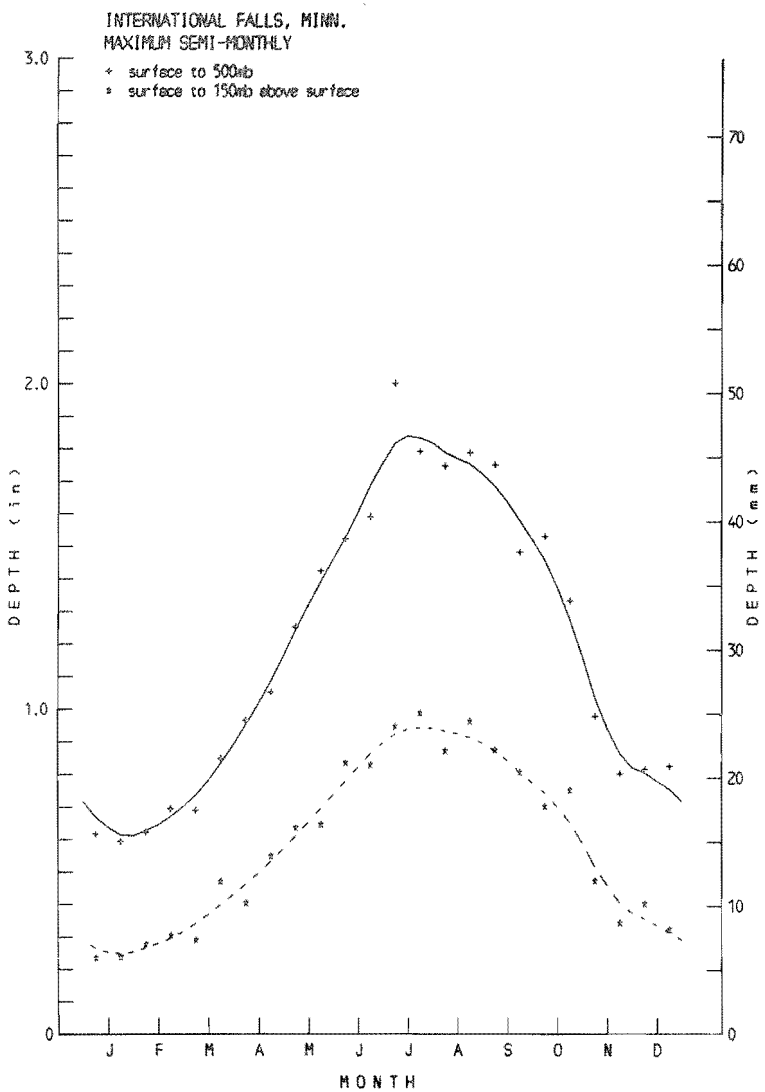
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED: MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.0932	(1.2178)	66010212	2.1453	(.8446)	.5017	(.1975)	2.2347	(.8798)	.6500	(.2559)	JAN-1
2	3.1057	(1.2227)	47013015	2.1695	(.8541)	.5079	(.2000)	2.0251	(.7973)	.6096	(.2400)	2
FEB-1	3.1209	(1.2287)	48021403	2.0598	(.8109)	.5804	(.2285)	2.2213	(.8745)	.5159	(.2031)	FEB-1
2	3.0383	(1.1962)	62022612	1.8446	(.7262)	.6956	(.2738)	1.7433	(.6863)	.6894	(.2714)	2
MAR-1	3.2395	(1.2754)	64030500	2.3713	(.9336)	.5660	(.2228)	2.2773	(.8966)	.5321	(.2095)	MAR-1
2	3.3998	(1.3385)	63031912	2.3406	(.9215)	.5711	(.2248)	2.4482	(.9638)	.4826	(.1900)	2
APR-1	3.5067	(1.3806)	48041403	2.8329	(1.1153)	.3453	(.1359)	2.7289	(1.0744)	.5117	(.2015)	APR-1
2	3.9403	(1.5513)	70042312	2.8678	(1.1290)	.3659	(.1441)	2.9226	(1.1506)	.5020	(.1976)	2
MAY-1	3.7186	(1.4640)	48051303	3.1436	(1.2376)	.2458	(.0968)	3.1744	(1.2497)	.3319	(.1307)	MAY-1
2	4.0157	(1.5810)	69051900	3.4417	(1.3550)	.4505	(.1773)	3.3522	(1.3198)	.4585	(.1805)	2
JUN-1	4.4798	(1.7637)	46061215	3.7803	(1.4883)	.3966	(.1561)	3.8560	(1.5181)	.2726	(.1073)	JUN-1
2	4.5250	(1.7815)	47063003	4.0691	(1.6020)	.2854	(.1123)	4.1071	(1.6170)	.3162	(.1245)	2
JUL-1	4.9723	(1.9576)	48071303	4.2934	(1.6903)	.3092	(.1217)	4.3791	(1.7241)	.4076	(.1605)	JUL-1
2	5.2027	(2.0483)	68072612	4.4775	(1.7628)	.3960	(.1559)	4.4417	(1.7487)	.3581	(.1410)	2
AUG-1	5.1374	(2.0226)	47081403	4.1801	(1.6457)	.4392	(.1729)	4.3303	(1.7048)	.3552	(.1398)	AUG-1
2	5.3398	(2.1023)	47081715	4.4140	(1.7378)	.3594	(.1415)	4.4073	(1.7352)	.4618	(.1818)	2
SEP-1	4.6576	(1.8337)	47091103	4.2377	(1.6684)	.4420	(.1740)	4.0849	(1.6082)	.5483	(.2159)	SEP-1
2	4.8796	(1.9211)	70091812	3.9084	(1.5388)	.4155	(.1636)	3.8248	(1.5058)	.5191	(.2044)	2
OCT-1	4.3777	(1.7235)	65100100	3.3707	(1.3270)	.5821	(.2292)	3.4595	(1.3620)	.4548	(.1790)	OCT-1
2	4.1209	(1.6224)	68101900	3.1328	(1.2334)	.5639	(.2220)	3.0973	(1.2194)	.5481	(.2158)	2
NOV-1	4.3203	(1.7009)	72110112	2.8596	(1.1258)	.6400	(.2520)	2.7264	(1.0734)	.7386	(.2908)	NOV-1
2	3.2515	(1.2801)	64111612	2.4494	(.9643)	.3583	(.1411)	2.6149	(1.0295)	.4428	(.1743)	2
DEC-1	3.2428	(1.2767)	66120900	2.4308	(.9570)	.5374	(.2116)	2.3872	(.9398)	.4685	(.1845)	DEC-1
2	3.0617	(1.2054)	67121812	2.2716	(.8943)	.5731	(.2256)	2.2841	(.8993)	.5352	(.2107)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.3779	(.5425)	47011503	.9848	(.3877)	.2636	(.1038)	.9844	(.3875)	.2884	(.1135)	JAN-1
2	1.3023	(.5127)	47013015	.9685	(.3813)	.2772	(.1091)	.9185	(.3616)	.3267	(.1286)	2
FEB-1	1.4356	(.5652)	48021403	.9752	(.3839)	.2788	(.1098)	.9953	(.3918)	.1915	(.0754)	FEB-1
2	1.3594	(.5352)	62022612	.8247	(.3247)	.2858	(.1125)	.7692	(.3028)	.2736	(.1077)	2
MAR-1	1.5204	(.5986)	67031312	1.0552	(.4154)	.2186	(.0861)	1.0982	(.4324)	.2350	(.0925)	MAR-1
2	1.7470	(.6878)	48032103	1.1284	(.4442)	.3060	(.1205)	1.1011	(.4335)	.2063	(.0812)	2
APR-1	1.6632	(.6548)	72041312	1.3592	(.5351)	.1757	(.0692)	1.2541	(.4937)	.2531	(.0996)	APR-1
2	1.9241	(.7575)	70043012	1.3896	(.5471)	.1142	(.0450)	1.4797	(.5825)	.1755	(.0691)	2
MAY-1	1.7879	(.7039)	63051100	1.5766	(.6207)	.1345	(.0530)	1.5334	(.6037)	.1247	(.0491)	MAY-1
2	1.9586	(.7711)	65052700	1.6597	(.6534)	.1927	(.0759)	1.6282	(.6410)	.1565	(.0616)	2
JUN-1	2.2024	(.8671)	71061312	1.8922	(.7449)	.1614	(.0636)	1.8946	(.7459)	.1354	(.0533)	JUN-1
2	2.3970	(.9437)	47063003	2.0257	(.7975)	.2220	(.0874)	2.0999	(.8267)	.1990	(.0784)	2
JUL-1	2.4122	(.9497)	66071312	2.0981	(.8260)	.1241	(.0489)	2.0832	(.8201)	.1845	(.0726)	JUL-1
2	2.4463	(.9631)	66071912	2.1850	(.8602)	.1034	(.0407)	2.1641	(.8520)	.1538	(.0605)	2
AUG-1	2.6756	(1.0534)	47080403	2.1070	(.8295)	.2141	(.0843)	2.1009	(.8271)	.1577	(.0621)	AUG-1
2	2.6482	(1.0426)	47082103	2.1650	(.8524)	.2154	(.0848)	2.1286	(.8380)	.2060	(.0811)	2
SEP-1	2.2441	(.8835)	70090912	1.9751	(.7776)	.1855	(.0730)	1.9611	(.7721)	.1732	(.0682)	SEP-1
2	2.2050	(.8681)	70091812	1.8366	(.7231)	.2163	(.0852)	1.8155	(.7147)	.1993	(.0785)	2
OCT-1	1.9207	(.7562)	69100212	1.5986	(.6294)	.1577	(.0621)	1.6217	(.6384)	.2052	(.0808)	OCT-1
2	1.8197	(.7164)	47101803	1.4451	(.5689)	.2410	(.0949)	1.4547	(.5727)	.2509	(.0988)	2
NOV-1	1.8588	(.7318)	71110200	1.3315	(.5242)	.2475	(.0975)	1.2783	(.5033)	.2842	(.1119)	NOV-1
2	1.4364	(.5655)	64111612	1.1926	(.4695)	.1659	(.0653)	1.1423	(.4497)	.2010	(.0791)	2
DEC-1	1.4950	(.5886)	71121100	1.0869	(.4279)	.2645	(.1041)	1.0921	(.4299)	.2423	(.0954)	DEC-1
2	1.4171	(.5579)	67121900	1.0350	(.4075)	.2174	(.0856)	1.0088	(.3972)	.2604	(.1025)	2

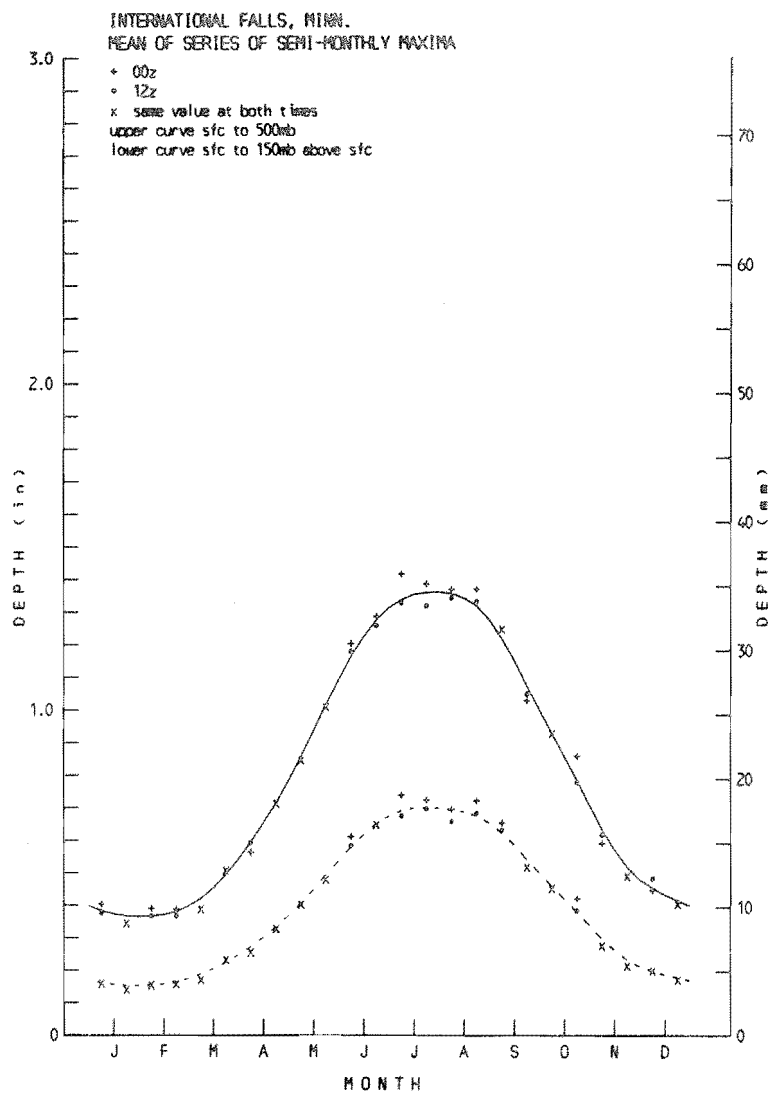

HURON, S.D.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


HURON, S.D.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

HURON, S.D. 15 YEARS OF RECORD

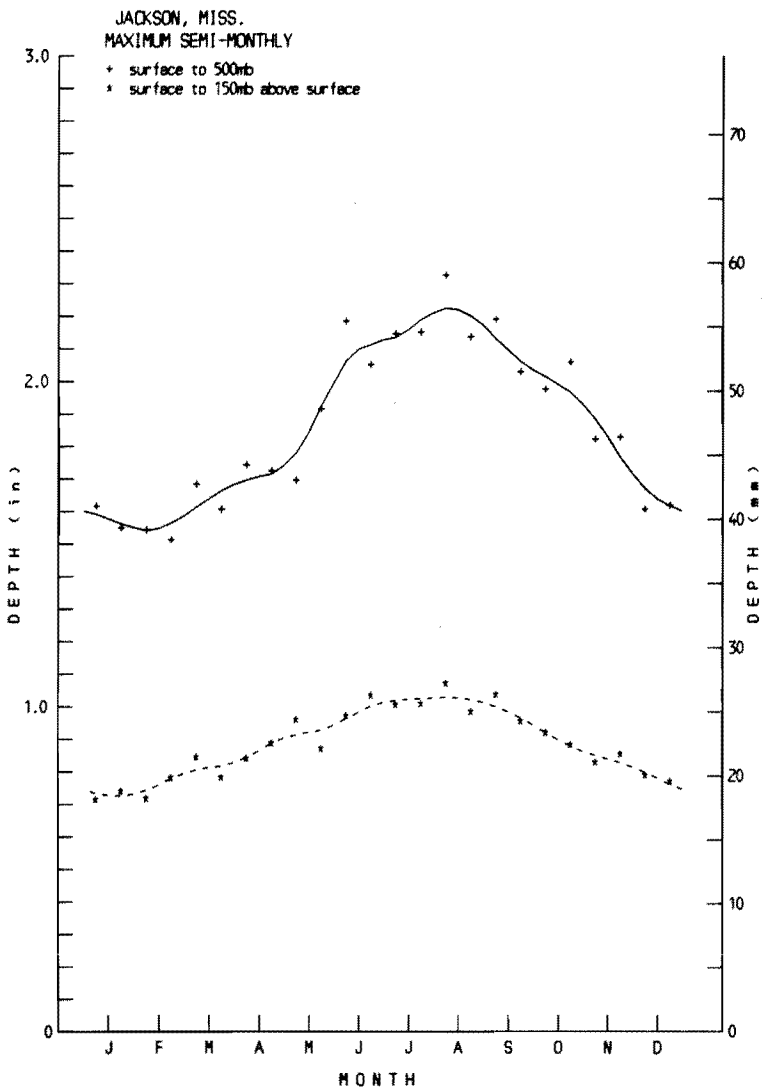
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
APR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	2.3338	(.9188)	72051200	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	3.1158	(1.2267)	68053112	2.4158	(.9511)	.3948	(.1554)	2.9743	(1.1710)	.1243	(.0489)	2
JUN-1	3.9685	(1.5624)	70061500	3.0959	(1.2189)	.5796	(.2282)	2.9609	(1.1657)	.8217	(.3235)	JUN-1
2	4.1209	(1.6224)	66062100	3.4976	(1.3770)	.4029	(.1586)	3.4900	(1.3740)	.3508	(.1381)	2
JUL-1	4.9464	(1.9474)	65071212	3.7028	(1.4578)	.2145	(.0845)	3.7849	(1.4901)	.5144	(.2025)	JUL-1
2	4.7399	(1.8661)	57072712	3.6508	(1.4373)	.5003	(.1970)	3.8486	(1.5152)	.5791	(.2280)	2
AUG-1	4.8816	(1.9219)	59080300	3.6748	(1.4468)	.5922	(.2332)	3.7368	(1.4712)	.5673	(.2233)	AUG-1
2	4.9230	(1.9382)	61081800	3.5818	(1.4101)	.7857	(.3093)	3.7127	(1.4617)	.5973	(.2352)	2
SEP-1	4.1222	(1.6229)	58090512	3.0584	(1.2041)	.5100	(.2008)	3.1293	(1.2320)	.4333	(.1706)	SEP-1
2	4.0510	(1.5949)	63091812	2.7823	(1.0954)	.4884	(.1923)	2.9012	(1.1422)	.5136	(.2022)	2
OCT-1	2.1636	(.8518)	58100800	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
APR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	1.2281	(.4835)	72051200	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	1.6929	(.6665)	72052200	1.3757	(.5416)	.2852	(.1123)	1.4164	(.5576)	.0826	(.0325)	2
JUN-1	2.0477	(.8062)	68060800	1.6813	(.6619)	.3562	(.1402)	1.5674	(.6171)	.4371	(.1721)	JUN-1
2	2.3683	(.9324)	61063000	1.9046	(.7498)	.2403	(.0946)	1.8319	(.7212)	.2285	(.0900)	2
JUL-1	2.5639	(1.0094)	65071212	1.9652	(.7737)	.1586	(.0625)	1.9515	(.7683)	.2164	(.0852)	JUL-1
2	2.3663	(.9316)	63071700	1.9586	(.7711)	.2406	(.0947)	1.9513	(.7682)	.2625	(.1034)	2
AUG-1	2.5349	(.9980)	59080300	1.8844	(.7419)	.3496	(.1376)	1.8957	(.7463)	.2065	(.0813)	AUG-1
2	2.4247	(.9546)	59082000	1.8192	(.7162)	.3405	(.1341)	1.8361	(.7229)	.2455	(.0966)	2
SEP-1	2.2817	(.8983)	60090200	1.6375	(.6447)	.2818	(.1109)	1.6592	(.6532)	.2197	(.0865)	SEP-1
2	2.1100	(.8307)	63091812	1.4605	(.5750)	.3671	(.1445)	1.4233	(.5603)	.2924	(.1151)	2
OCT-1	1.1102	(.4371)	58100800	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2

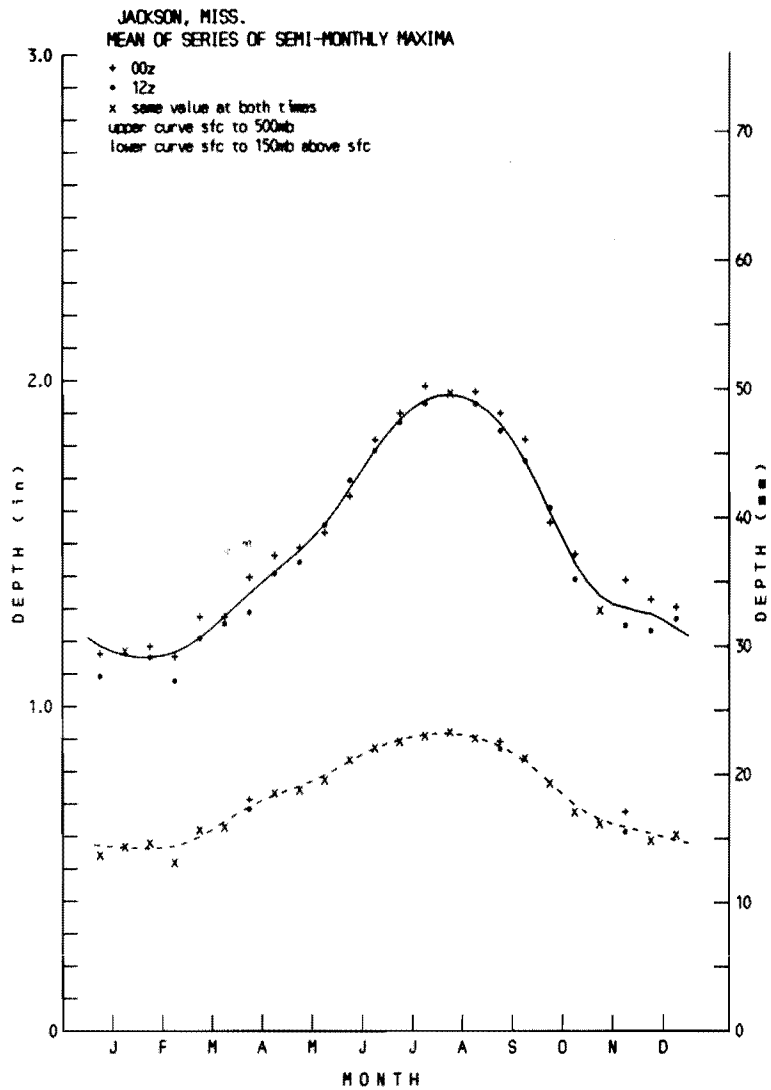

INTERNATIONAL FALLS, MINN.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


INTERNATIONAL FALLS, MINN.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
∘ 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

INTERNATIONAL FALLS, MINN. 27 YEARS OF RECORD

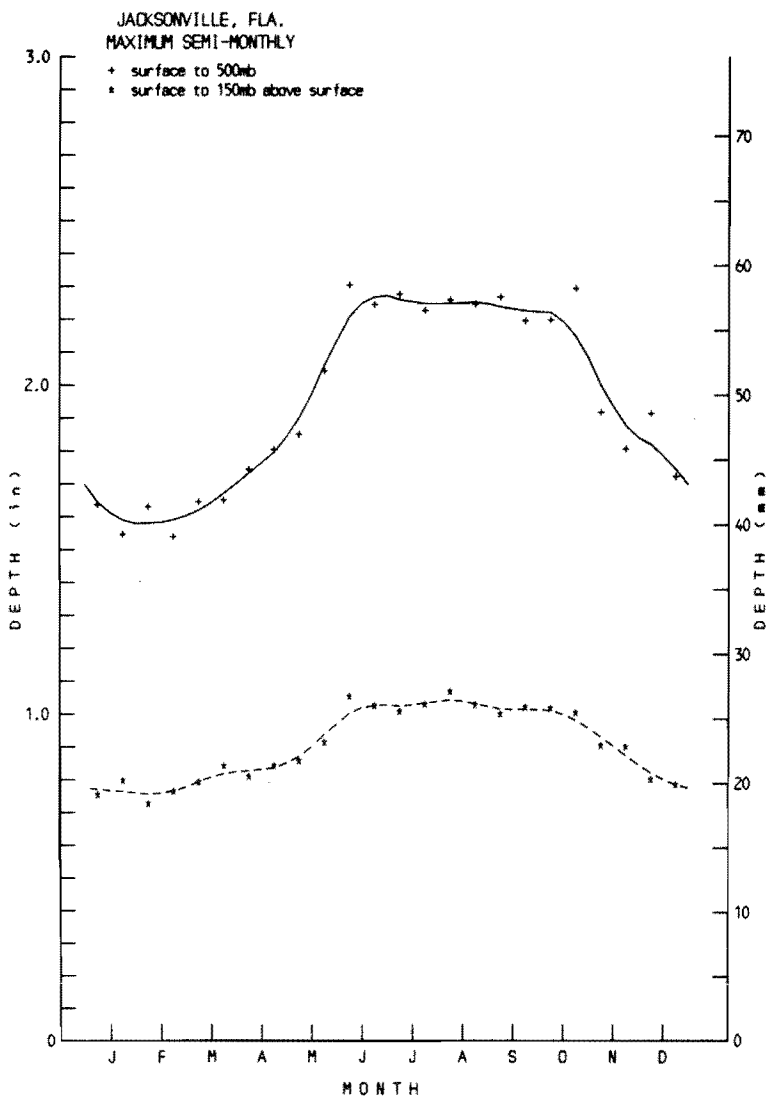
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.5626	(.6152)	53011003	1.0220	(.4024)	.1912	(.0753)	.9513	(.3745)	.1978	(.0779)	JAN-1
2	1.5052	(.5926)	69011600	.8794	(.3462)	.2779	(.1094)	.8897	(.3503)	.2251	(.0886)	2
FEB-1	1.5768	(.6208)	66020912	.9849	(.3878)	.2676	(.1053)	.9265	(.3648)	.2424	(.0954)	FEB-1
2	1.7592	(.6926)	51022503	.9789	(.3854)	.2831	(.1114)	.9278	(.3653)	.3334	(.1313)	2
MAR-1	1.7470	(.6878)	71031412	.9823	(.3867)	.2605	(.1025)	1.0071	(.3965)	.3257	(.1282)	MAR-1
2	2.1506	(.8467)	61032612	1.2713	(.5005)	.3669	(.1445)	1.3209	(.5200)	.4000	(.1575)	2
APR-1	2.4498	(.9645)	63040312	1.4244	(.5608)	.3094	(.1218)	1.5004	(.5907)	.4116	(.1620)	APR-1
2	2.6673	(1.0501)	57041915	1.8098	(.7125)	.4523	(.1781)	1.8311	(.7209)	.4515	(.1777)	2
MAY-1	3.1758	(1.2503)	59050512	2.1515	(.8471)	.4836	(.1904)	2.1685	(.8537)	.5098	(.2007)	MAY-1
2	3.6142	(1.4229)	51052503	2.5641	(1.0095)	.5313	(.2092)	2.5858	(1.0180)	.4038	(.1590)	2
JUN-1	3.8651	(1.5217)	56060703	3.0543	(1.2025)	.4362	(.1717)	2.9952	(1.1792)	.3405	(.1340)	JUN-1
2	4.0356	(1.5888)	52061603	3.2648	(1.2854)	.4104	(.1616)	3.1934	(1.2573)	.4781	(.1882)	2
JUL-1	5.0749	(1.9980)	49070303	3.5966	(1.4160)	.5606	(.2207)	3.3726	(1.3278)	.4299	(.1692)	JUL-1
2	4.5443	(1.7891)	57071812	3.5196	(1.3857)	.4422	(.1741)	3.3498	(1.3188)	.4326	(.1703)	2
AUG-1	4.4303	(1.7442)	62080600	3.4766	(1.3687)	.4685	(.1845)	3.4091	(1.3421)	.4615	(.1817)	AUG-1
2	4.5331	(1.7847)	68082400	3.4778	(1.3692)	.6494	(.2557)	3.3822	(1.3316)	.4821	(.1898)	2
SEP-1	4.4389	(1.7476)	71090412	3.1709	(1.2484)	.5335	(.2100)	3.1903	(1.2560)	.6100	(.2401)	SEP-1
2	3.7592	(1.4800)	72092012	2.6100	(1.0276)	.5275	(.2077)	2.6634	(1.0486)	.5452	(.2146)	2
OCT-1	3.8801	(1.5276)	49101015	2.3664	(.9317)	.4888	(.1925)	2.3711	(.9335)	.5093	(.2005)	OCT-1
2	3.3800	(1.3307)	68101600	2.1768	(.8570)	.5605	(.2207)	1.9723	(.7765)	.5060	(.1992)	2
NOV-1	2.4780	(.9756)	56110415	1.4960	(.5890)	.2930	(.1153)	1.5620	(.6150)	.3200	(.1260)	NOV-1
2	2.0328	(.8003)	58111800	1.2515	(.4927)	.3262	(.1284)	1.2525	(.4931)	.2860	(.1126)	2
DEC-1	2.0648	(.8129)	51120315	1.1293	(.4446)	.3134	(.1234)	1.2209	(.4807)	.3480	(.1370)	DEC-1
2	2.0897	(.8227)	67121712	1.0263	(.4041)	.3287	(.1294)	1.0428	(.4106)	.3199	(.1260)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.5951	(.2343)	53011003	.4186	(.1648)	.0858	(.0338)	.4087	(.1609)	.0824	(.0325)	JAN-1
2	.6007	(.2365)	68012200	.3681	(.1449)	.1211	(.0477)	.3591	(.1414)	.1166	(.0459)	2
FEB-1	.6993	(.2753)	54021503	.4233	(.1666)	.1203	(.0474)	.3797	(.1495)	.0993	(.0391)	FEB-1
2	.7696	(.3030)	51022503	.4126	(.1625)	.1262	(.0497)	.4087	(.1609)	.1326	(.0522)	2
MAR-1	.7330	(.2886)	71031412	.4385	(.1726)	.0896	(.0353)	.4459	(.1756)	.1316	(.0518)	MAR-1
2	1.1918	(.4692)	67033012	.5919	(.2330)	.1677	(.0660)	.6034	(.2375)	.2119	(.0834)	2
APR-1	1.0244	(.4033)	67041412	.6549	(.2578)	.1402	(.0552)	.6597	(.2597)	.1699	(.0669)	APR-1
2	1.3894	(.5470)	48042503	.8522	(.3355)	.2523	(.0993)	.8327	(.3279)	.2125	(.0837)	2
MAY-1	1.6106	(.6341)	59050400	1.0254	(.4037)	.2643	(.1041)	1.0400	(.4095)	.2016	(.0794)	MAY-1
2	1.6360	(.6441)	51051903	1.2253	(.4824)	.2568	(.1011)	1.2317	(.4849)	.1842	(.0725)	2
JUN-1	2.1179	(.8338)	52061403	1.5501	(.6103)	.2277	(.0897)	1.4789	(.5822)	.2069	(.0815)	JUN-1
2	2.1018	(.8275)	70062900	1.6569	(.6523)	.2021	(.0796)	1.6536	(.6510)	.1809	(.0712)	2
JUL-1	2.4028	(.9460)	49070303	1.8740	(.7378)	.2965	(.1167)	1.7092	(.6729)	.1821	(.0717)	JUL-1
2	2.5062	(.9867)	47073003	1.8364	(.7230)	.2742	(.1079)	1.7669	(.6956)	.2241	(.0882)	2
AUG-1	2.2106	(.8703)	62080600	1.7631	(.6941)	.2276	(.0896)	1.6688	(.6570)	.1725	(.0679)	AUG-1
2	2.4425	(.9616)	72082100	1.8306	(.7207)	.3031	(.1193)	1.7319	(.6818)	.2197	(.0865)	2
SEP-1	2.2177	(.8731)	71090212	1.6577	(.6526)	.2996	(.1180)	1.5992	(.6296)	.3017	(.1188)	SEP-1
2	2.0457	(.8054)	58092400	1.3284	(.5230)	.2905	(.1144)	1.3219	(.5204)	.3113	(.1226)	2
OCT-1	1.7777	(.6999)	49101015	1.1629	(.4578)	.2579	(.1015)	1.1564	(.4553)	.2644	(.1041)	OCT-1
2	1.9055	(.7502)	68101600	1.0640	(.4189)	.3359	(.1322)	.9703	(.3820)	.2551	(.1004)	2
NOV-1	1.1966	(.4711)	64110312	.6898	(.2716)	.1655	(.0652)	.7301	(.2874)	.1853	(.0729)	NOV-1
2	.8687	(.3420)	66112200	.5513	(.2171)	.1509	(.0594)	.5533	(.2178)	.1255	(.0494)	2
DEC-1	1.0173	(.4005)	51120315	.4945	(.1947)	.1521	(.0599)	.5347	(.2105)	.1918	(.0755)	DEC-1
2	.8158	(.3212)	59122700	.4418	(.1739)	.1318	(.0519)	.4453	(.1753)	.1246	(.0490)	2

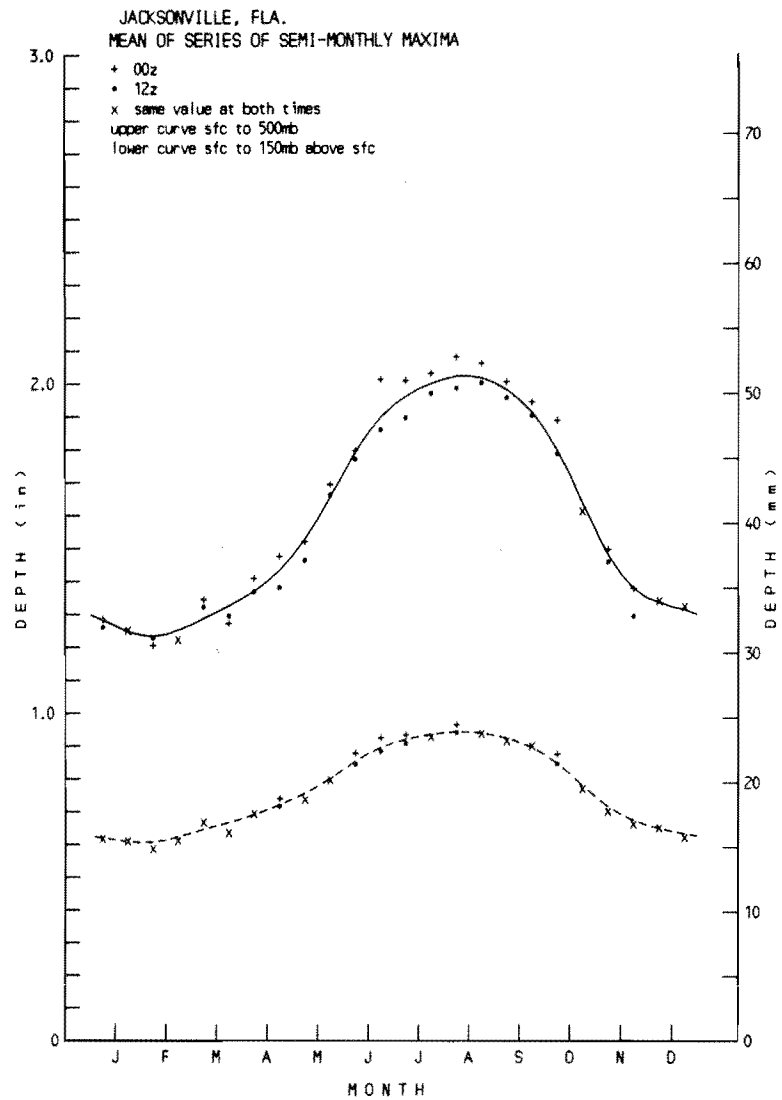

JACKSON, MISS.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
x surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


JACKSON, MISS.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

JACKSON, MISS. 19 YEARS OF RECORD

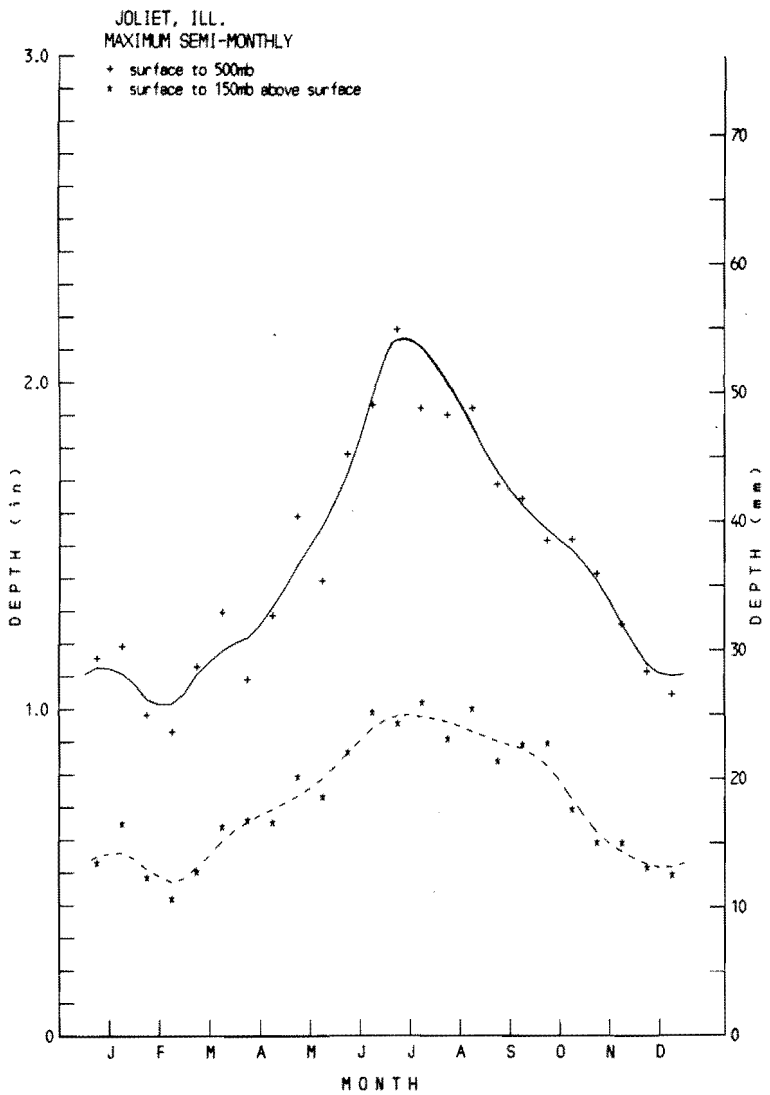
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	4.1026	(1.6152)	71011500	2.9450	(1.1595)	.6044	(.2379)	2.7710	(1.0910)	.5764	(.2269)	JAN-1
2	3.9317	(1.5479)	57012815	2.9841	(1.1748)	.4352	(.1713)	2.9795	(1.1730)	.4391	(.1729)	2
FEB-1	3.9172	(1.5422)	65020900	3.0025	(1.1821)	.6159	(.2425)	2.9188	(1.1491)	.5728	(.2255)	FEB-1
2	3.8400	(1.5118)	61022100	2.9233	(1.1509)	.6036	(.2377)	2.7332	(1.0760)	.6551	(.2579)	2
MAR-1	4.2733	(1.6824)	53030403	3.2330	(1.2728)	.5450	(.2146)	3.0661	(1.2071)	.5158	(.2031)	MAR-1
2	4.0780	(1.6055)	54032515	3.2316	(1.2723)	.3901	(.1536)	3.1787	(1.2515)	.4699	(.1850)	2
APR-1	4.4234	(1.7415)	64040600	3.5408	(1.3940)	.4928	(.1940)	3.2686	(1.2868)	.5466	(.2152)	APR-1
2	4.3777	(1.7235)	53042915	3.7098	(1.4606)	.2944	(.1159)	3.5705	(1.4057)	.4165	(.1640)	2
MAY-1	4.3038	(1.6944)	56050515	3.7696	(1.4841)	.3220	(.1268)	3.6589	(1.4405)	.3601	(.1418)	MAY-1
2	4.8598	(1.9133)	59053112	3.8855	(1.5297)	.3548	(.1397)	3.9473	(1.5540)	.2949	(.1161)	2
JUN-1	5.5448	(2.1830)	58061512	4.1716	(1.6423)	.4849	(.1909)	4.2967	(1.6916)	.4455	(.1754)	JUN-1
2	5.2045	(2.0490)	70062400	4.6091	(1.8146)	.3444	(.1356)	4.5262	(1.7820)	.2620	(.1032)	2
JUL-1	5.4460	(2.1441)	69071100	4.8163	(1.8962)	.3553	(.1399)	4.7444	(1.8679)	.3063	(.1206)	JUL-1
2	5.4574	(2.1486)	57072100	5.0274	(1.9793)	.2554	(.1006)	4.8918	(1.9259)	.3173	(.1249)	2
AUG-1	5.9025	(2.3238)	70080400	4.9871	(1.9634)	.3615	(.1423)	4.9817	(1.9613)	.3298	(.1299)	AUG-1
2	5.4221	(2.1347)	71082200	4.9836	(1.9620)	.2987	(.1176)	4.8884	(1.9246)	.2815	(.1108)	2
SEP-1	5.5588	(2.1885)	65091012	4.8142	(1.8954)	.3393	(.1336)	4.6780	(1.8417)	.4456	(.1754)	SEP-1
2	5.1486	(2.0270)	72091800	4.6093	(1.8147)	.3960	(.1559)	4.4453	(1.7501)	.3691	(.1453)	2
OCT-1	5.0135	(1.9738)	64100412	3.9642	(1.5607)	.7422	(.2922)	4.0795	(1.6061)	.5467	(.2152)	OCT-1
2	5.2238	(2.0566)	69102100	3.7159	(1.4630)	.5883	(.2316)	3.5234	(1.3872)	.4776	(.1880)	2
NOV-1	4.6233	(1.8202)	58111512	3.2964	(1.2978)	.7078	(.2787)	3.2913	(1.2958)	.6366	(.2506)	NOV-1
2	4.6393	(1.8265)	61111600	3.5135	(1.3833)	.5903	(.2324)	3.1600	(1.2441)	.4737	(.1865)	2
DEC-1	4.0762	(1.6048)	72120900	3.3602	(1.3229)	.6465	(.2545)	3.1181	(1.2276)	.5130	(.2020)	DEC-1
2	4.1072	(1.6170)	68122200	3.3009	(1.2996)	.5648	(.2224)	3.2095	(1.2636)	.5084	(.2002)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.8103	(.7127)	71011500	1.3990	(.5508)	.2835	(.1116)	1.3729	(.5405)	.2647	(.1042)	JAN-1
2	1.8763	(.7387)	59012100	1.4265	(.5616)	.2852	(.1123)	1.4760	(.5811)	.2762	(.1087)	2
FEB-1	1.8189	(.7161)	57020115	1.4614	(.5753)	.2274	(.0895)	1.4988	(.5901)	.2422	(.0954)	FEB-1
2	1.9820	(.7803)	56021615	1.3061	(.5142)	.4078	(.1606)	1.3467	(.5302)	.3630	(.1429)	2
MAR-1	2.1430	(.8437)	53030403	1.6028	(.6310)	.3166	(.1246)	1.5642	(.6158)	.2317	(.0912)	MAR-1
2	1.9855	(.7817)	53031903	1.6173	(.6367)	.2010	(.0791)	1.5911	(.6264)	.2190	(.0862)	2
APR-1	2.1339	(.8401)	55040515	1.8055	(.7108)	.2320	(.0913)	1.7306	(.6813)	.2989	(.1177)	APR-1
2	2.2525	(.8868)	58042400	1.8948	(.7460)	.1247	(.0491)	1.8480	(.7276)	.1419	(.0559)	2
MAY-1	2.4356	(.9589)	53050203	1.9075	(.7510)	.2041	(.0803)	1.8835	(.7415)	.1234	(.0486)	MAY-1
2	2.2080	(.8693)	59053112	1.9794	(.7793)	.1809	(.0712)	1.9668	(.7743)	.1418	(.0558)	2
JUN-1	2.4653	(.9706)	58061512	2.1195	(.8344)	.1687	(.0664)	2.1406	(.8427)	.1426	(.0562)	JUN-1
2	2.6251	(1.0335)	72062912	2.2027	(.8672)	.1442	(.0568)	2.2445	(.8837)	.1651	(.0650)	2
JUL-1	2.5514	(1.0045)	57070500	2.2781	(.8969)	.1504	(.0592)	2.2705	(.8939)	.0838	(.0330)	JUL-1
2	2.5593	(1.0076)	69072500	2.3092	(.9091)	.1191	(.0469)	2.3285	(.9167)	.1063	(.0418)	2
AUG-1	2.7173	(1.0698)	59080112	2.3254	(.9155)	.1295	(.0510)	2.3729	(.9342)	.1525	(.0601)	AUG-1
2	2.4981	(.9835)	70082212	2.2804	(.8978)	.1025	(.0404)	2.3199	(.9133)	.0941	(.0371)	2
SEP-1	2.6319	(1.0362)	70090612	2.2593	(.8895)	.1069	(.0421)	2.2007	(.8664)	.2068	(.0814)	SEP-1
2	2.4254	(.9549)	70092212	2.1661	(.8528)	.1762	(.0694)	2.1188	(.8342)	.1739	(.0685)	2
OCT-1	2.3345	(.9191)	66101000	1.9482	(.7670)	.2480	(.0976)	1.9487	(.7672)	.2197	(.0865)	OCT-1
2	2.2403	(.8820)	69102100	1.7282	(.6804)	.1929	(.0759)	1.7171	(.6760)	.1899	(.0748)	2
NOV-1	2.1046	(.8286)	58111512	1.6295	(.6415)	.2707	(.1066)	1.6307	(.6420)	.2817	(.1109)	NOV-1
2	2.1679	(.8535)	58111600	1.7076	(.6723)	.2365	(.0931)	1.5539	(.6118)	.2275	(.0896)	2
DEC-1	2.0030	(.7886)	72121000	1.5129	(.5956)	.3112	(.1225)	1.4808	(.5830)	.2383	(.0938)	DEC-1
2	1.9520	(.7685)	67122012	1.5350	(.6043)	.2346	(.0924)	1.5484	(.6096)	.3178	(.1251)	2

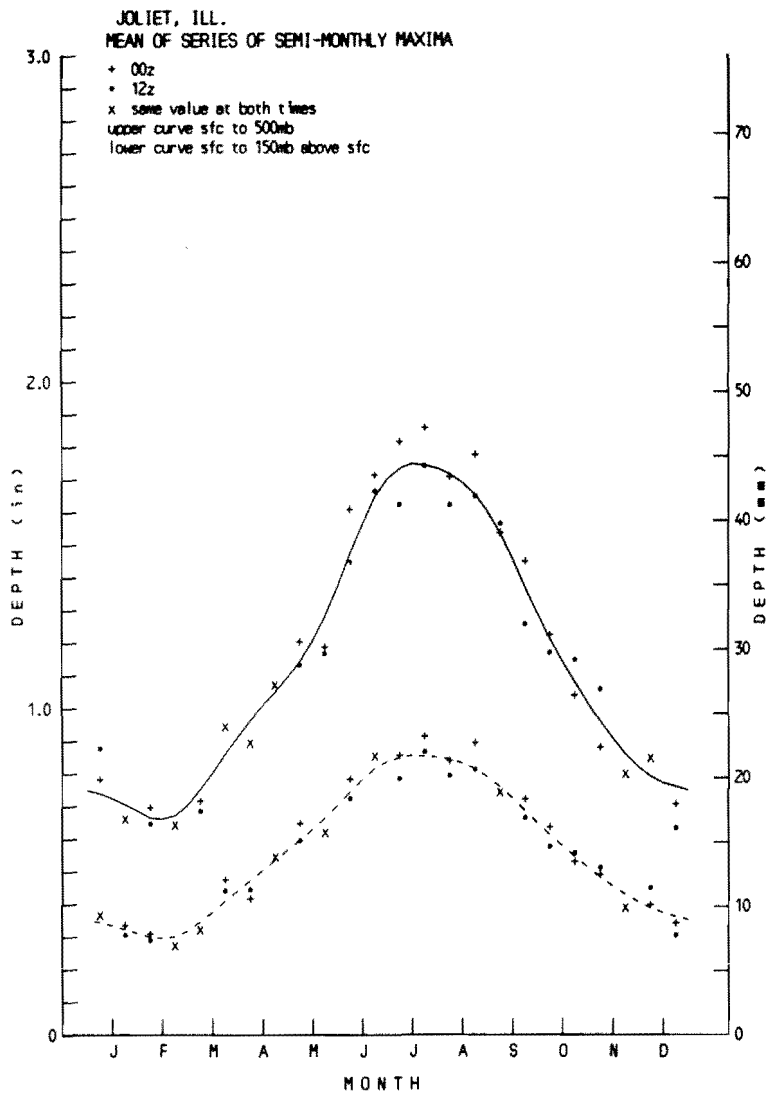

JACKSONVILLE, FLA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D


JACKSONVILLE, FLA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D

JACKSONVILLE, FLA. 23 YEARS OF RECORD

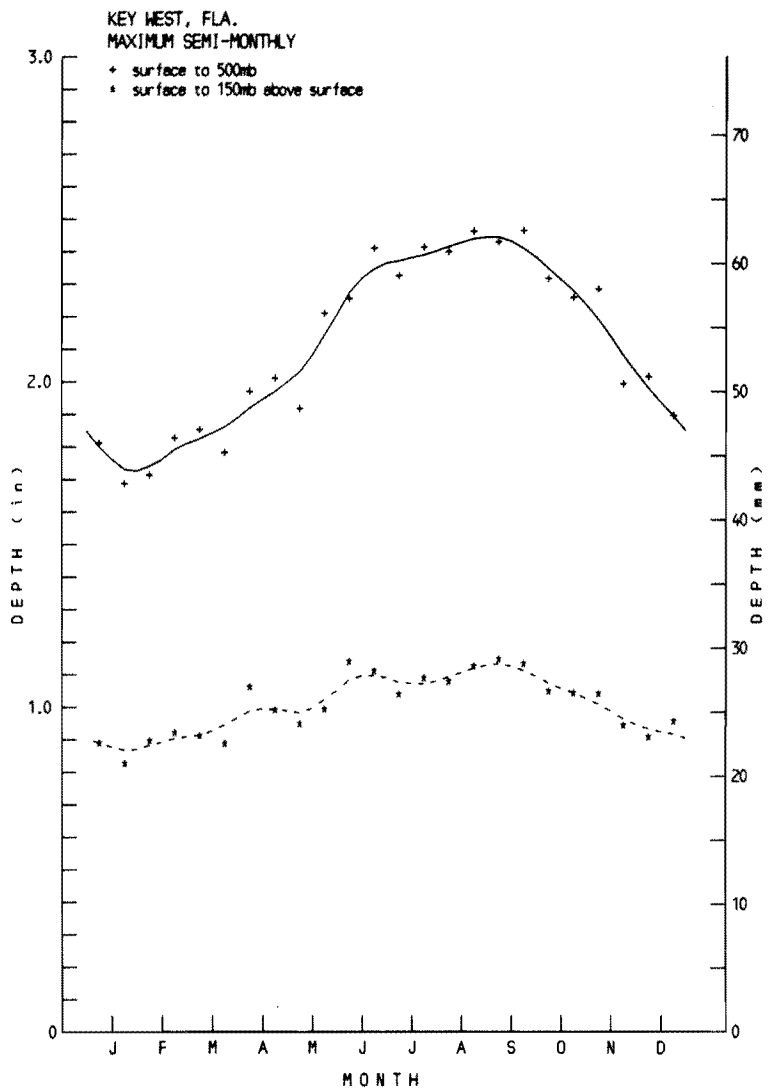
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED			MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z)				12Z(15Z)				MONTH
	MAXIMUM		DATE	MEAN		SD		MEAN		SD		
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
SURFACE TO 500MB												
JAN-1	4.1554	(1.6360)	59010200	3.2614	(1.2840)	.6125	(.2411)	3.2003	(1.2600)	.6437	(.2534)	JAN-1
2	3.9253	(1.5454)	53012403	3.1925	(1.2569)	.3434	(.1352)	3.1864	(1.2545)	.4492	(.1769)	2
FEB-1	4.1389	(1.6295)	59020412	3.0598	(1.2047)	.5747	(.2262)	3.1183	(1.2277)	.4414	(.1738)	FEB-1
2	3.9063	(1.5379)	60022500	3.1276	(1.2313)	.4701	(.1851)	3.1075	(1.2234)	.4908	(.1932)	2
MAR-1	4.1758	(1.6440)	54031415	3.4151	(1.3445)	.4169	(.1641)	3.3565	(1.3215)	.5368	(.2113)	MAR-1
2	4.1902	(1.6497)	55032215	3.2305	(1.2718)	.6576	(.2589)	3.2879	(1.2944)	.5962	(.2347)	2
APR-1	4.4254	(1.7423)	55041403	3.5788	(1.4090)	.4488	(.1767)	3.4745	(1.3679)	.4318	(.1700)	APR-1
2	4.5781	(1.8024)	71042900	3.7471	(1.4753)	.4390	(.1729)	3.5084	(1.3813)	.4816	(.1896)	2
MAY-1	4.6965	(1.8490)	56050703	3.8600	(1.5197)	.3749	(.1476)	3.7177	(1.4637)	.4495	(.1770)	MAY-1
2	5.1867	(2.0420)	59052012	4.3028	(1.6940)	.4419	(.1740)	4.2218	(1.6621)	.4880	(.1921)	2
JUN-1	5.8506	(2.3034)	58061400	4.5622	(1.7962)	.5731	(.2256)	4.4955	(1.7699)	.6139	(.2417)	JUN-1
2	5.6995	(2.2439)	66061900	5.1111	(2.0122)	.2937	(.1156)	4.7236	(1.8597)	.3708	(.1460)	2
JUL-1	5.7793	(2.2753)	59070300	5.1018	(2.0086)	.3410	(.1342)	4.8162	(1.8961)	.2708	(.1066)	JUL-1
2	5.6535	(2.2258)	69072500	5.1580	(2.0307)	.2514	(.0990)	5.0049	(1.9704)	.3477	(.1369)	2
AUG-1	5.7361	(2.2583)	53080803	5.2842	(2.0804)	.2365	(.0931)	5.0443	(1.9860)	.2571	(.1012)	AUG-1
2	5.7023	(2.2450)	69082300	5.2357	(2.0613)	.2783	(.1096)	5.0851	(2.0020)	.3381	(.1331)	2
SEP-1	5.7574	(2.2667)	64091012	5.0923	(2.0049)	.2857	(.1125)	4.9695	(1.9565)	.3445	(.1356)	SEP-1
2	5.5761	(2.1953)	65093012	4.9376	(1.9440)	.3408	(.1342)	4.8329	(1.9027)	.4449	(.1751)	2
OCT-1	5.5817	(2.1975)	57100200	4.7944	(1.8876)	.5723	(.2253)	4.5376	(1.7865)	.5576	(.2195)	OCT-1
2	5.8232	(2.2926)	68101912	4.1240	(1.6236)	.5854	(.2305)	4.0921	(1.6111)	.6676	(.2628)	2
NOV-1	4.8679	(1.9165)	71110100	3.7996	(1.4959)	.5001	(.1969)	3.7035	(1.4581)	.4889	(.1925)	NOV-1
2	4.5860	(1.8055)	57111700	3.4986	(1.3774)	.6390	(.2516)	3.2853	(1.2934)	.5640	(.2220)	2
DEC-1	4.8595	(1.9132)	68120300	3.4221	(1.3473)	.6386	(.2514)	3.4062	(1.3410)	.5944	(.2340)	DEC-1
2	4.3731	(1.7217)	67121600	3.3833	(1.3320)	.4444	(.1749)	3.3570	(1.3216)	.3455	(.1360)	2
SURFACE TO 150MB ABOVE SURFACE												
JAN-1	1.9124	(.7529)	60010712	1.5843	(.6237)	.2358	(.0928)	1.5753	(.6202)	.2640	(.1040)	JAN-1
2	2.0229	(.7964)	54012215	1.5480	(.6094)	.2237	(.0881)	1.5749	(.6200)	.1984	(.0781)	2
FEB-1	1.8435	(.7258)	56020603	1.4948	(.5885)	.2681	(.1056)	1.5033	(.5919)	.1950	(.0768)	FEB-1
2	1.9390	(.7634)	60022512	1.5425	(.6073)	.2361	(.0930)	1.5859	(.6244)	.2301	(.0906)	2
MAR-1	2.0109	(.7917)	54031403	1.7095	(.6730)	.1949	(.0767)	1.7061	(.6717)	.1848	(.0727)	MAR-1
2	2.1364	(.8411)	57032503	1.6337	(.6432)	.3341	(.1316)	1.6194	(.6376)	.2109	(.0830)	2
APR-1	2.0536	(.8085)	53041103	1.7812	(.7013)	.1766	(.0695)	1.7657	(.6952)	.2092	(.0824)	APR-1
2	2.1366	(.8412)	59041912	1.8785	(.7395)	.1338	(.0527)	1.8179	(.7157)	.1702	(.0670)	2
MAY-1	2.1742	(.8560)	54050103	1.8953	(.7462)	.1359	(.0535)	1.8720	(.7370)	.1819	(.0716)	MAY-1
2	2.3175	(.9124)	52053015	2.0592	(.8107)	.1340	(.0528)	2.0117	(.7920)	.1685	(.0663)	2
JUN-1	2.6749	(1.0531)	52061303	2.2282	(.8773)	.1958	(.0771)	2.1428	(.8436)	.1983	(.0781)	JUN-1
2	2.6030	(1.0248)	54062803	2.3477	(.9243)	.1417	(.0558)	2.2424	(.8828)	.0986	(.0388)	2
JUL-1	2.5585	(1.0073)	70070300	2.3700	(.9331)	.1237	(.0487)	2.3040	(.9071)	.0973	(.0383)	JUL-1
2	2.6139	(1.0291)	52072415	2.3816	(.9376)	.1195	(.0470)	2.3537	(.9267)	.1231	(.0485)	2
AUG-1	2.7130	(1.0681)	72080800	2.4478	(.9637)	.1226	(.0483)	2.3874	(.9399)	.0713	(.0281)	AUG-1
2	2.6101	(1.0276)	53083115	2.4068	(.9475)	.0914	(.0360)	2.3805	(.9372)	.1081	(.0426)	2
SEP-1	2.5377	(.9991)	70090300	2.3345	(.9191)	.0847	(.0333)	2.3407	(.9215)	.1081	(.0426)	SEP-1
2	2.5918	(1.0204)	51092815	2.3042	(.9072)	.1167	(.0459)	2.2907	(.9019)	.1385	(.0545)	2
OCT-1	2.5837	(1.0172)	62100300	2.2216	(.8746)	.2061	(.0811)	2.1472	(.8454)	.1435	(.0565)	OCT-1
2	2.5484	(1.0033)	68101812	1.9686	(.7750)	.2222	(.0875)	1.9613	(.7722)	.2313	(.0911)	2
NOV-1	2.2946	(.9034)	72111400	1.8142	(.7143)	.2253	(.0887)	1.7688	(.6964)	.1980	(.0779)	NOV-1
2	2.2835	(.8990)	57111612	1.7065	(.6719)	.2269	(.0893)	1.6790	(.6610)	.2177	(.0857)	2
DEC-1	2.0297	(.7991)	72120612	1.6820	(.6622)	.2481	(.0977)	1.6464	(.6482)	.2290	(.0901)	DEC-1
2	1.9901	(.7835)	53122915	1.6052	(.6319)	.1713	(.0674)	1.5688	(.6176)	.1960	(.0772)	2

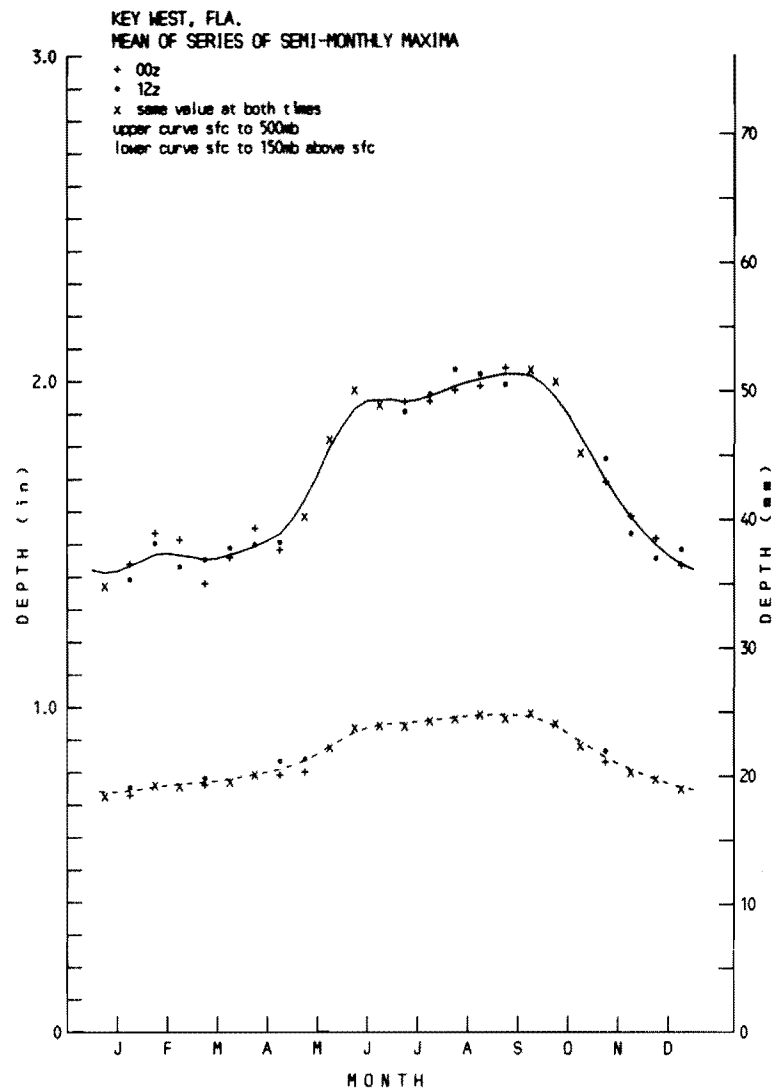

JOLIET, ILL.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


JOLIET, ILL.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

JOLIET, ILL. 7 YEARS OF RECORD

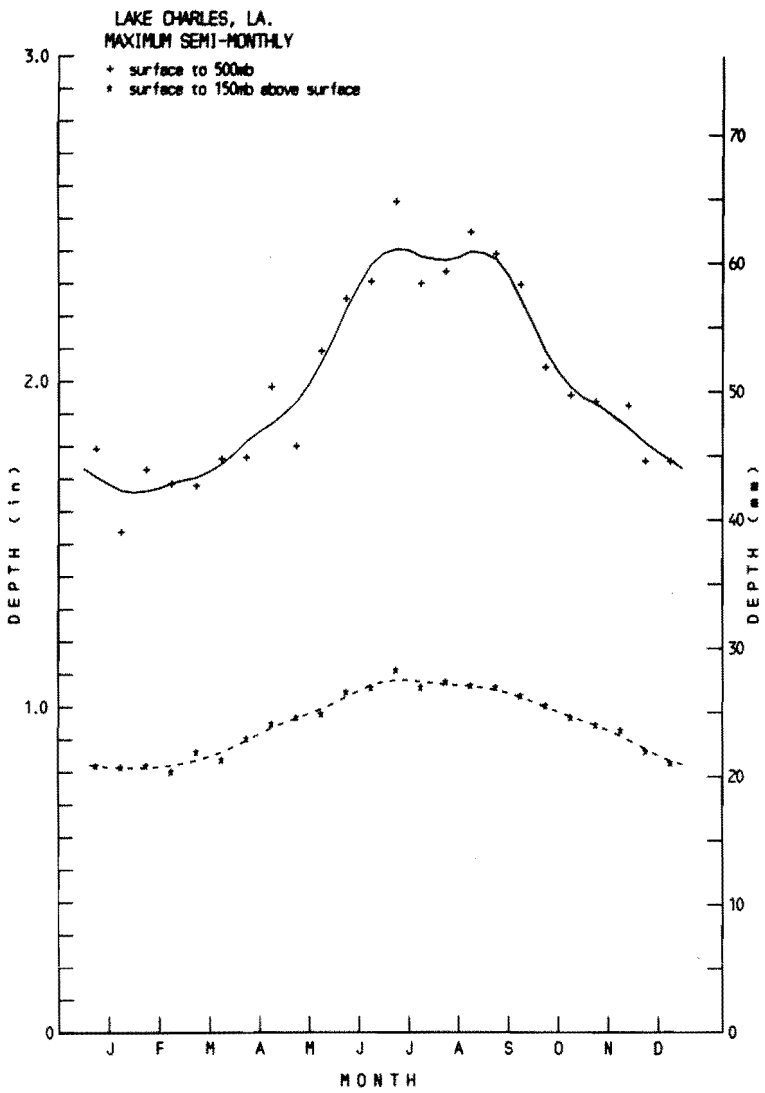
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.9299	(1.1535)	49011515	1.9831	(.7807)	.3154	(.1242)	2.2252	(.8760)	.5636	(.2219)	JAN-1
2	3.0251	(1.1910)	50012515	1.6921	(.6662)	.5979	(.2354)	1.6916	(.6660)	.6800	(.2677)	2
FEB-1	2.4910	(.9807)	49021303	1.7652	(.6950)	.3932	(.1548)	1.6405	(.6458)	.3760	(.1480)	FEB-1
2	2.3609	(.9295)	48022503	1.6451	(.6477)	.3953	(.1556)	1.6438	(.6472)	.4716	(.1857)	2
MAR-1	2.8677	(1.1290)	46030603	1.8183	(.7159)	.5419	(.2134)	1.7392	(.6847)	.5594	(.2202)	MAR-1
2	3.2893	(1.2950)	48032115	2.4228	(.9539)	.3962	(.1560)	2.3959	(.9433)	.4448	(.1751)	2
APR-1	2.7683	(1.0899)	47040515	2.2795	(.8974)	.3073	(.1210)	2.2872	(.9005)	.3939	(.1551)	APR-1
2	3.2654	(1.2856)	47042315	2.7512	(1.0832)	.3431	(.1351)	2.7168	(1.0696)	.4973	(.1958)	2
MAY-1	4.0363	(1.5891)	48051003	3.0563	(1.2033)	.6526	(.2569)	2.8761	(1.1323)	.3578	(.1409)	MAY-1
2	3.5377	(1.3928)	49051915	3.0158	(1.1873)	.3701	(.1457)	2.9641	(1.1670)	.5424	(.2135)	2
JUN-1	4.5184	(1.7789)	49061403	4.0862	(1.6088)	.3555	(.1400)	3.6736	(1.4463)	.3497	(.1377)	JUN-1
2	4.8999	(1.9291)	52061703	4.3525	(1.7136)	.5551	(.2185)	4.2283	(1.6647)	.3941	(.1551)	2
JUL-1	5.4900	(2.1614)	49070815	4.6125	(1.8159)	.3963	(.1560)	4.1249	(1.6240)	.7459	(.2937)	JUL-1
2	4.8636	(1.9148)	49072615	4.7176	(1.8573)	.8048	(.3168)	4.4228	(1.7413)	.2657	(.1046)	2
AUG-1	4.8230	(1.8988)	49081203	4.3369	(1.7074)	.4053	(.1596)	4.1212	(1.6225)	.4948	(.1948)	AUG-1
2	4.8763	(1.9198)	51083003	4.5077	(1.7747)	.2776	(.1093)	4.1867	(1.6483)	.3285	(.1293)	2
SEP-1	4.2873	(1.6879)	48090703	3.9020	(1.5362)	.3342	(.1316)	3.9736	(1.5644)	.2448	(.0964)	SEP-1
2	4.1735	(1.6431)	49091803	3.6804	(1.4490)	.5178	(.2038)	3.1962	(1.2583)	.5755	(.2266)	2
OCT-1	3.8491	(1.5154)	49100615	3.1108	(1.2247)	.5620	(.2213)	2.9735	(1.1707)	.7031	(.2768)	OCT-1
2	3.8562	(1.5182)	46102915	2.6397	(1.0392)	.6215	(.2447)	2.9174	(1.1486)	.7827	(.3082)	2
NOV-1	3.5921	(1.4142)	46110315	2.2357	(.8802)	.5351	(.2107)	2.6879	(1.0582)	.4874	(.1919)	NOV-1
2	3.1989	(1.2594)	52111715	2.0597	(.8109)	.6976	(.2747)	2.0258	(.7976)	.6573	(.2588)	2
DEC-1	2.8326	(1.1152)	46121003	2.1677	(.8534)	.4895	(.1927)	2.1648	(.8523)	.3552	(.1399)	DEC-1
2	2.6513	(1.0438)	49122103	1.7929	(.7059)	.6331	(.2493)	1.6087	(.6333)	.5714	(.2249)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.3434	(.5289)	49011515	.9641	(.3796)	.2032	(.0800)	.9196	(.3621)	.2430	(.0957)	JAN-1
2	1.6434	(.6470)	50012515	.8494	(.3344)	.3401	(.1339)	.7733	(.3044)	.4102	(.1615)	2
FEB-1	1.2286	(.4837)	46020515	.7826	(.3081)	.2212	(.0871)	.7311	(.2878)	.2513	(.0989)	FEB-1
2	1.0638	(.4188)	53022015	.6895	(.2715)	.1582	(.0623)	.7169	(.2823)	.2189	(.0862)	2
MAR-1	1.2720	(.5008)	46030603	.8085	(.3183)	.2138	(.0842)	.8496	(.3345)	.2176	(.0857)	MAR-1
2	1.6223	(.6387)	48032115	1.2036	(.4739)	.1837	(.0723)	1.1186	(.4404)	.2629	(.1035)	2
APR-1	1.6728	(.6586)	47040515	1.0562	(.4158)	.1698	(.0669)	1.1276	(.4439)	.2831	(.1115)	APR-1
2	1.6571	(.6524)	51043003	1.4010	(.5516)	.1945	(.0766)	1.3922	(.5481)	.1539	(.0606)	2
MAY-1	2.0130	(.7925)	48051003	1.6425	(.6467)	.2887	(.1137)	1.5104	(.5946)	.1703	(.0671)	MAY-1
2	1.8565	(.7309)	46052415	1.5767	(.6207)	.1755	(.0691)	1.5966	(.6286)	.2155	(.0848)	2
JUN-1	2.2019	(.8669)	52061303	1.9896	(.7833)	.2198	(.0865)	1.8370	(.7232)	.2198	(.0865)	JUN-1
2	2.5136	(.9896)	50062603	2.2012	(.8666)	.2469	(.0972)	2.1615	(.8510)	.1494	(.0588)	2
JUL-1	2.4272	(.9556)	49070915	2.1757	(.8566)	.0921	(.0363)	1.9959	(.7858)	.2697	(.1062)	JUL-1
2	2.5903	(1.0198)	51072203	2.3220	(.9142)	.1829	(.0720)	2.2017	(.8668)	.1541	(.0607)	2
AUG-1	2.3078	(.9086)	49081203	2.1314	(.8391)	.1233	(.0485)	2.0160	(.7937)	.1389	(.0547)	AUG-1
2	2.5428	(1.0011)	47082203	2.2704	(.8938)	.1547	(.0609)	2.0631	(.8122)	.1921	(.0756)	2
SEP-1	2.1346	(.8404)	47091203	1.9224	(.7569)	.1679	(.0661)	1.8774	(.7391)	.0863	(.0340)	SEP-1
2	2.2631	(.8910)	48092003	1.8313	(.7210)	.2161	(.0851)	1.6866	(.6640)	.2130	(.0839)	2
OCT-1	2.2733	(.8950)	51100503	1.6144	(.6356)	.3767	(.1483)	1.4625	(.5758)	.3774	(.1486)	OCT-1
2	1.7589	(.6925)	47101703	1.3466	(.5302)	.3785	(.1490)	1.4142	(.5568)	.3638	(.1432)	2
NOV-1	1.5029	(.5917)	50110103	1.2440	(.4898)	.1752	(.0690)	1.2979	(.5110)	.1595	(.0628)	NOV-1
2	1.4983	(.5899)	52111615	.9866	(.3884)	.2693	(.1060)	1.0143	(.3993)	.2836	(.1117)	2
DEC-1	1.3053	(.5139)	49121115	1.0097	(.3975)	.1310	(.0516)	1.1413	(.4493)	.1756	(.0691)	DEC-1
2	1.2476	(.4912)	46122803	.8670	(.3414)	.3070	(.1209)	.7725	(.3041)	.2881	(.1134)	2

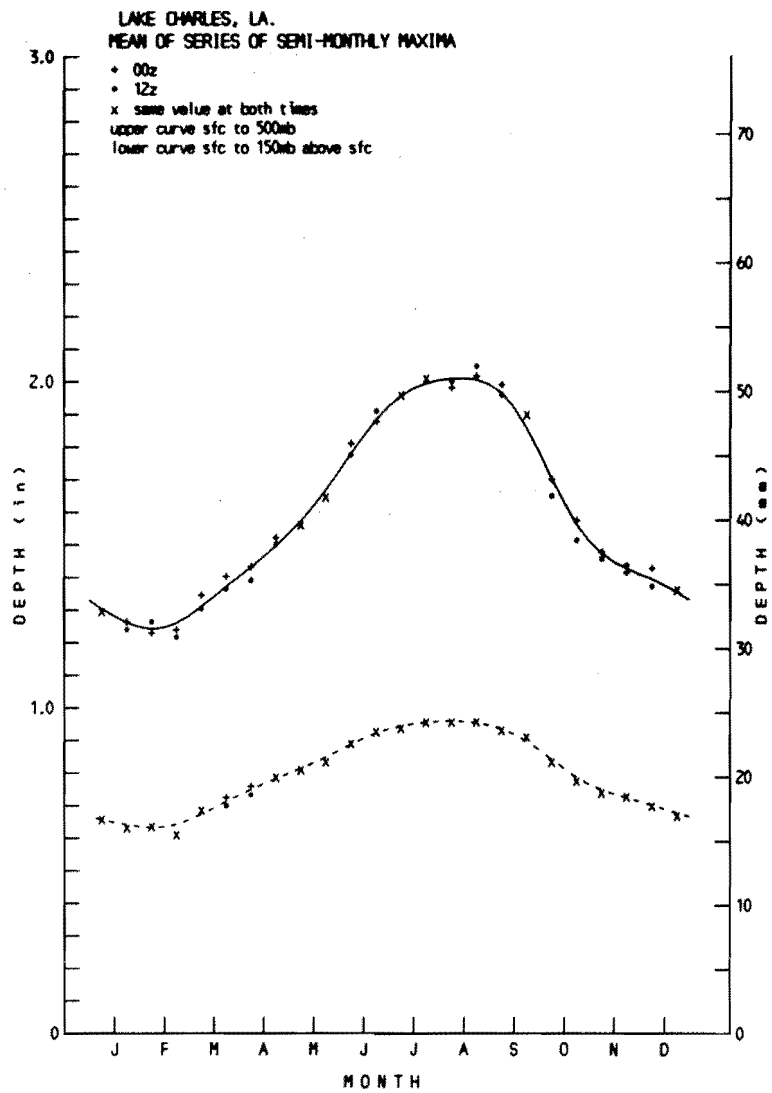

KEY WEST, FLA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


KEY WEST, FLA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

KEY WEST, FLA. 19 YEARS OF RECORD

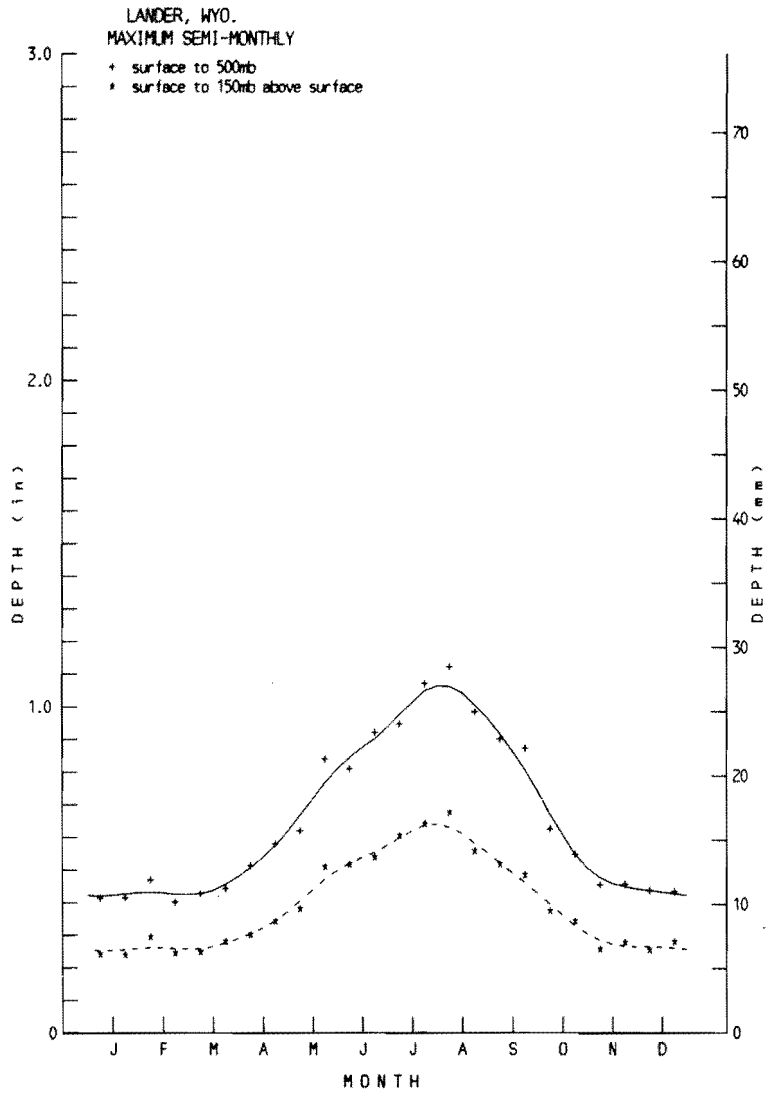
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	4.5977	(1.8101)	64011212	3.4988	(1.3775)	.6274	(.2470)	3.4885	(1.3734)	.6987	(.2751)	JAN-1
2	4.2807	(1.6853)	59012812	3.6516	(1.4376)	.4722	(.1859)	3.5327	(1.3908)	.4748	(.1869)	2
FEB-1	4.3487	(1.7121)	59020600	3.8940	(1.5331)	.3352	(.1320)	3.8154	(1.5021)	.4026	(.1585)	FEB-1
2	4.6380	(1.8260)	65022112	3.8420	(1.5126)	.3570	(.1406)	3.6344	(1.4309)	.4122	(.1623)	2
MAR-1	4.7020	(1.8512)	59030912	3.5005	(1.3782)	.5720	(.2252)	3.6894	(1.4525)	.5404	(.2128)	MAR-1
2	4.5232	(1.7808)	70032700	3.7052	(1.4587)	.4566	(.1798)	3.7791	(1.4878)	.4156	(.1636)	2
APR-1	5.0005	(1.9687)	72040100	3.9306	(1.5475)	.5813	(.2289)	3.8051	(1.4981)	.4798	(.1889)	APR-1
2	5.1018	(2.0086)	64042912	3.7639	(1.4818)	.6488	(.2554)	3.8230	(1.5051)	.5334	(.2100)	2
MAY-1	4.8674	(1.9163)	54051303	4.0184	(1.5821)	.6010	(.2366)	4.0529	(1.5956)	.4582	(.1804)	MAY-1
2	5.6086	(2.2081)	58052312	4.6391	(1.8264)	.6064	(.2387)	4.6330	(1.8240)	.6003	(.2363)	2
JUN-1	5.7241	(2.2536)	58061212	4.9974	(1.9675)	.3775	(.1486)	5.0449	(1.9862)	.3883	(.1529)	JUN-1
2	6.1189	(2.4090)	72061900	4.9172	(1.9359)	.4593	(.1808)	4.8923	(1.9261)	.3790	(.1492)	2
JUL-1	5.9035	(2.3242)	66070212	4.9182	(1.9363)	.3815	(.1502)	4.8415	(1.9061)	.4317	(.1700)	JUL-1
2	6.1260	(2.4118)	69072912	4.9205	(1.9372)	.3558	(.1401)	4.9750	(1.9587)	.4693	(.1848)	2
AUG-1	6.0907	(2.3979)	64080412	5.0070	(1.9713)	.4479	(.1763)	5.1698	(2.0353)	.4410	(.1736)	AUG-1
2	6.2504	(2.4608)	69081612	5.0390	(1.9839)	.3232	(.1272)	5.1341	(2.0213)	.3508	(.1381)	2
SEP-1	6.1676	(2.4282)	69090600	5.1806	(2.0396)	.4207	(.1656)	5.0529	(1.9893)	.2813	(.1108)	SEP-1
2	6.2553	(2.4627)	69092000	5.1765	(2.0380)	.4038	(.1590)	5.1790	(2.0390)	.3880	(.1528)	2
OCT-1	5.8811	(2.3154)	66100500	5.0966	(2.0065)	.3473	(.1368)	5.0769	(1.9988)	.2975	(.1171)	OCT-1
2	5.7330	(2.2571)	69101900	4.5102	(1.7757)	.5927	(.2333)	4.5505	(1.7915)	.6376	(.2510)	2
NOV-1	5.7963	(2.2820)	71110300	4.2923	(1.6899)	.6654	(.2620)	4.4720	(1.7606)	.5454	(.2147)	NOV-1
2	5.0576	(1.9912)	71111600	4.0222	(1.5835)	.6424	(.2529)	3.8889	(1.5311)	.6149	(.2421)	2
DEC-1	5.1130	(2.0130)	58121100	3.8505	(1.5159)	.7010	(.2760)	3.6970	(1.4555)	.7286	(.2869)	DEC-1
2	4.8118	(1.8944)	72122112	3.6437	(1.4345)	.5373	(.2115)	3.7650	(1.4823)	.4842	(.1906)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	2.2565	(.8884)	64011212	1.8449	(.7263)	.2367	(.0932)	1.8646	(.7341)	.2914	(.1147)	JAN-1
2	2.0955	(.8250)	64012100	1.8488	(.7279)	.1956	(.0770)	1.9106	(.7522)	.1152	(.0454)	2
FEB-1	2.2708	(.8940)	63021212	1.9268	(.7586)	.1735	(.0683)	1.9531	(.7689)	.1809	(.0712)	FEB-1
2	2.3363	(.9198)	71022300	1.9489	(.7673)	.1634	(.0643)	1.9175	(.7549)	.1507	(.0593)	2
MAR-1	2.3119	(.9102)	65030412	1.9311	(.7603)	.1751	(.0689)	1.9850	(.7815)	.1806	(.0711)	MAR-1
2	2.2504	(.8860)	69031712	1.9515	(.7683)	.1711	(.0673)	1.9857	(.7818)	.1767	(.0696)	2
APR-1	2.6934	(1.0604)	72040100	2.0297	(.7991)	.2634	(.1037)	2.0184	(.7947)	.1373	(.0540)	APR-1
2	2.5138	(.9897)	64042912	2.0099	(.7913)	.1875	(.0738)	2.1165	(.8333)	.1787	(.0704)	2
MAY-1	2.4061	(.9473)	64050112	2.0335	(.8006)	.1649	(.0649)	2.1347	(.8404)	.1577	(.0621)	MAY-1
2	2.5199	(.9921)	58052500	2.2321	(.8788)	.1496	(.0589)	2.2409	(.8823)	.1211	(.0477)	2
JUN-1	2.8923	(1.1387)	58061300	2.4059	(.9472)	.1683	(.0663)	2.3744	(.9348)	.1342	(.0528)	JUN-1
2	2.8194	(1.1100)	72061900	2.4155	(.9510)	.1716	(.0676)	2.4001	(.9449)	.1186	(.0467)	2
JUL-1	2.6370	(1.0382)	55071403	2.4228	(.9539)	.1291	(.0508)	2.3848	(.9389)	.1146	(.0451)	JUL-1
2	2.7630	(1.0878)	69072912	2.4318	(.9574)	.1574	(.0620)	2.4557	(.9668)	.1576	(.0620)	2
AUG-1	2.7369	(1.0775)	69080700	2.4671	(.9713)	.0973	(.0383)	2.4568	(.9672)	.1135	(.0447)	AUG-1
2	2.8562	(1.1245)	69081612	2.4815	(.9770)	.1186	(.0467)	2.5055	(.9864)	.1355	(.0533)	2
SEP-1	2.9108	(1.1460)	71090500	2.4795	(.9762)	.1519	(.0598)	2.4456	(.9628)	.0998	(.0393)	SEP-1
2	2.8748	(1.1318)	70092812	2.5003	(.9844)	.1297	(.0511)	2.5054	(.9864)	.1518	(.0598)	2
OCT-1	2.6607	(1.0475)	66100500	2.4260	(.9551)	.1316	(.0518)	2.4203	(.9529)	.1021	(.0402)	OCT-1
2	2.6469	(1.0421)	69102300	2.2573	(.8887)	.1861	(.0733)	2.2377	(.8810)	.1802	(.0709)	2
NOV-1	2.6429	(1.0405)	72111512	2.1109	(.8311)	.1808	(.0712)	2.1947	(.8641)	.2151	(.0847)	NOV-1
2	2.3960	(.9433)	57111600	2.0449	(.8051)	.2280	(.0898)	2.0373	(.8021)	.1996	(.0786)	2
DEC-1	2.3033	(.9068)	72120700	1.9936	(.7849)	.1833	(.0722)	1.9812	(.7800)	.2491	(.0981)	DEC-1
2	2.4270	(.9555)	72122112	1.8889	(.7437)	.2225	(.0876)	1.9332	(.7611)	.2328	(.0916)	2

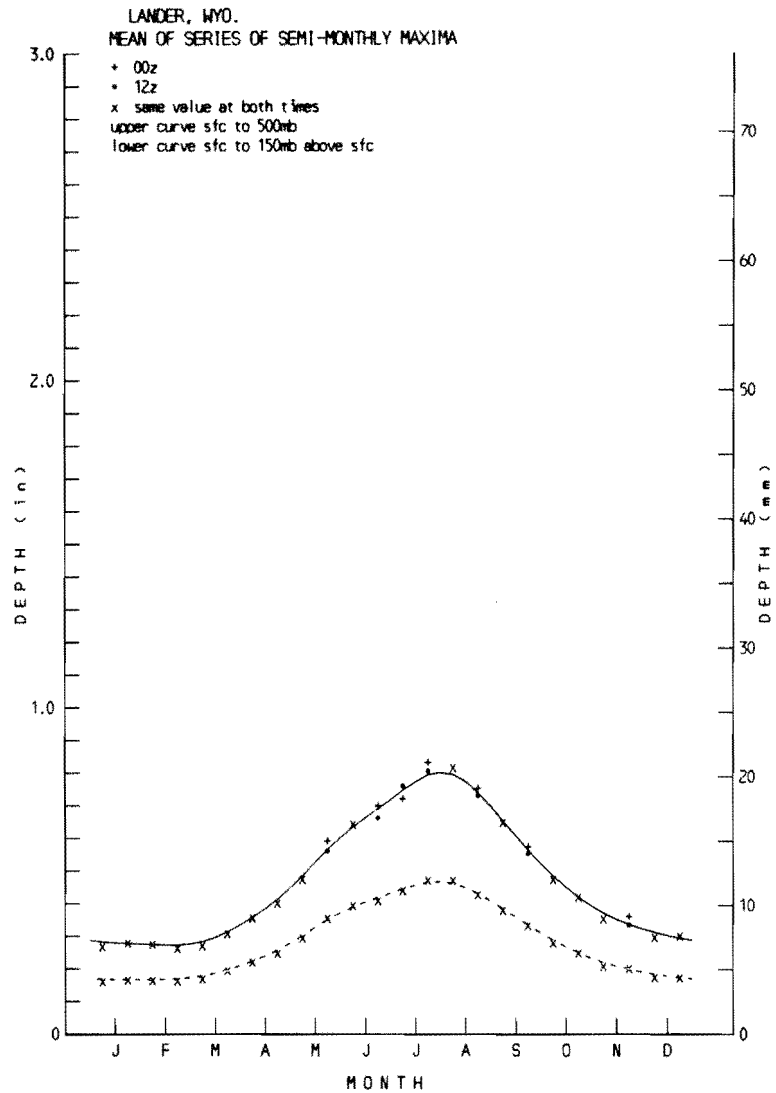

LAKE CHARLES, LA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


LAKE CHARLES, LA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

LAKE CHARLES, LA. 27 YEARS OF RECORD

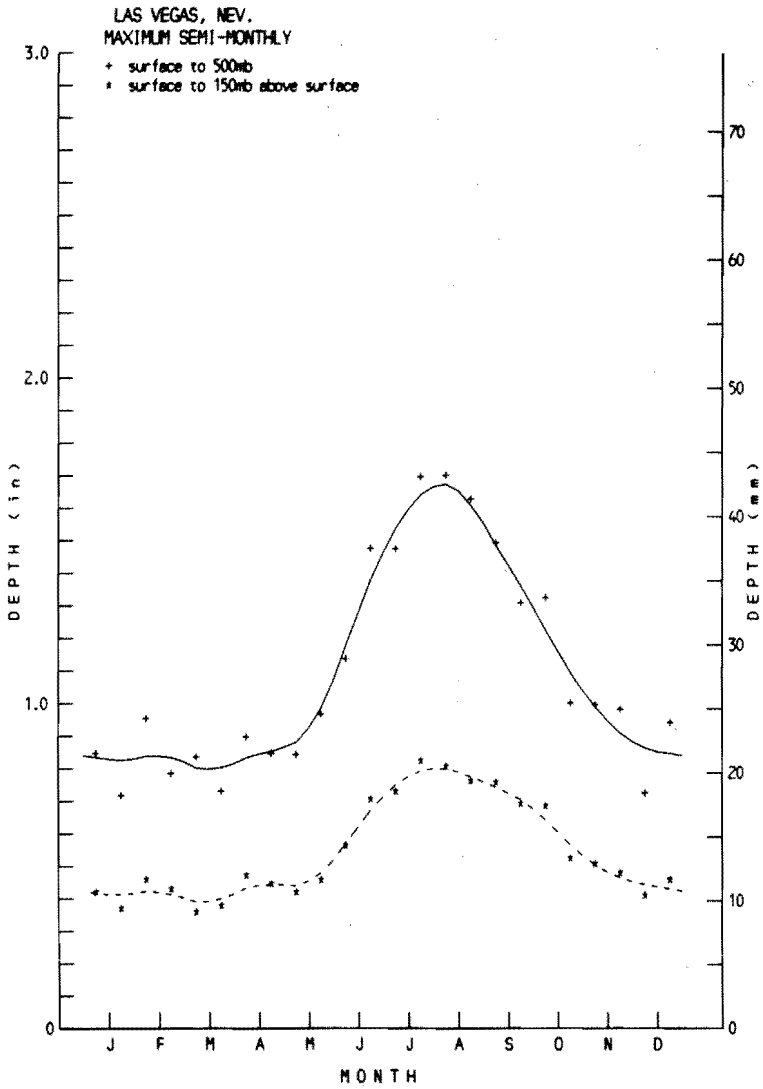
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	4.5481	(1.7906)	72010412	3.2828	(1.2924)	.4147	(.1633)	3.3174	(1.3061)	.5714	(.2249)	JAN-1
2	3.8999	(1.5354)	59013012	3.2060	(1.2622)	.4089	(.1610)	3.1472	(1.2391)	.4271	(.1682)	2
FEB-1	4.3861	(1.7268)	48021215	3.1192	(1.2280)	.6135	(.2415)	3.2083	(1.2631)	.5010	(.1973)	FEB-1
2	4.2753	(1.6832)	62022800	3.1450	(1.2382)	.4666	(.1837)	3.0883	(1.2159)	.4854	(.1911)	2
MAR-1	4.2616	(1.6778)	61030600	3.4132	(1.3438)	.4739	(.1866)	3.3096	(1.3030)	.3641	(.1434)	MAR-1
2	4.4729	(1.7610)	55032115	3.5601	(1.4016)	.4381	(.1725)	3.4623	(1.3631)	.5065	(.1994)	2
APR-1	4.4831	(1.7650)	69040512	3.6342	(1.4308)	.4046	(.1593)	3.5313	(1.3903)	.5195	(.2045)	APR-1
2	5.0328	(1.9814)	53042915	3.8614	(1.5203)	.3592	(.1414)	3.8106	(1.5003)	.4430	(.1744)	2
MAY-1	4.5710	(1.7996)	46051415	3.9905	(1.5711)	.3932	(.1548)	3.9551	(1.5571)	.3427	(.1349)	MAY-1
2	5.3124	(2.0915)	53051803	4.2078	(1.6566)	.4198	(.1653)	4.1725	(1.6427)	.3890	(.1532)	2
JUN-1	5.7208	(2.2523)	58061512	4.5940	(1.8087)	.5205	(.2049)	4.5075	(1.7746)	.4210	(.1657)	JUN-1
2	5.8555	(2.3053)	47062115	4.7653	(1.8761)	.3187	(.1255)	4.8484	(1.9088)	.4360	(.1717)	2
JUL-1	6.4783	(2.5505)	63071100	5.0033	(1.9698)	.4193	(.1651)	4.9649	(1.9547)	.4164	(.1639)	JUL-1
2	5.8402	(2.2993)	69071912	5.1213	(2.0163)	.3730	(.1469)	5.1070	(2.0106)	.3288	(.1294)	2
AUG-1	5.9322	(2.3355)	70080400	5.0281	(1.9796)	.3719	(.1464)	5.0811	(2.0004)	.3811	(.1500)	AUG-1
2	6.2415	(2.4573)	55082803	5.1197	(2.0156)	.3976	(.1566)	5.1974	(2.0462)	.3774	(.1486)	2
SEP-1	6.0701	(2.3898)	48090203	5.0510	(1.9886)	.3503	(.1379)	4.9760	(1.9590)	.3417	(.1345)	SEP-1
2	5.8308	(2.2956)	70091600	4.8536	(1.9109)	.5537	(.2180)	4.8095	(1.8935)	.4790	(.1886)	2
OCT-1	5.1862	(2.0418)	58100100	4.3142	(1.6985)	.5540	(.2181)	4.1885	(1.6490)	.5921	(.2331)	OCT-1
2	4.9685	(1.9561)	71101800	3.9965	(1.5734)	.6408	(.2523)	3.8425	(1.5128)	.6730	(.2649)	2
NOV-1	4.9179	(1.9362)	46110703	3.7509	(1.4767)	.7045	(.2774)	3.6975	(1.4557)	.7271	(.2863)	NOV-1
2	4.8986	(1.9286)	48111615	3.5890	(1.4130)	.4490	(.1768)	3.6454	(1.4352)	.5346	(.2105)	2
DEC-1	4.4539	(1.7535)	67121500	3.6204	(1.4254)	.4719	(.1858)	3.4807	(1.3704)	.4635	(.1825)	DEC-1
2	4.4534	(1.7533)	71121712	3.4825	(1.3711)	.5043	(.1986)	3.4464	(1.3568)	.4997	(.1967)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	2.0764	(.8175)	46010803	1.6804	(.6616)	.2357	(.0928)	1.6774	(.6604)	.2163	(.0852)	JAN-1
2	2.0637	(.8125)	50012515	1.6284	(.6411)	.2305	(.0907)	1.5962	(.6284)	.2617	(.1030)	2
FEB-1	2.0767	(.8176)	48021215	1.6273	(.6407)	.2399	(.0945)	1.6188	(.6373)	.2440	(.0961)	FEB-1
2	2.0292	(.7989)	62022300	1.5591	(.6138)	.2846	(.1120)	1.5580	(.6134)	.2643	(.1040)	2
MAR-1	2.1831	(.8595)	56031103	1.7516	(.6896)	.2245	(.0884)	1.7466	(.6876)	.1946	(.0766)	MAR-1
2	2.1229	(.8358)	55032115	1.8371	(.7232)	.2024	(.0797)	1.7718	(.6976)	.2060	(.0811)	2
APR-1	2.2865	(.9002)	57040403	1.9249	(.7578)	.1893	(.0745)	1.8587	(.7318)	.2048	(.0806)	APR-1
2	2.4046	(.9467)	58042600	2.0111	(.7918)	.1688	(.0665)	2.0055	(.7896)	.1423	(.0560)	2
MAY-1	2.4534	(.9659)	60050600	2.0662	(.8135)	.1934	(.0761)	2.0660	(.8134)	.1622	(.0639)	MAY-1
2	2.4823	(.9773)	53051803	2.1379	(.8417)	.1810	(.0713)	2.1208	(.8350)	.1642	(.0647)	2
JUN-1	2.6535	(1.0447)	68061212	2.2548	(.8877)	.1543	(.0608)	2.2886	(.9010)	.1761	(.0693)	JUN-1
2	2.6873	(1.0580)	69062212	2.3443	(.9229)	.1322	(.0521)	2.3857	(.9393)	.1397	(.0550)	2
JUL-1	2.8247	(1.1121)	69071012	2.3937	(.9424)	.1218	(.0479)	2.3891	(.9406)	.1549	(.0610)	JUL-1
2	2.6906	(1.0593)	70071600	2.4269	(.9555)	.1423	(.0560)	2.4484	(.9640)	.1233	(.0486)	2
AUG-1	2.7333	(1.0761)	51080603	2.4361	(.9591)	.1326	(.0522)	2.4420	(.9614)	.0952	(.0375)	AUG-1
2	2.7056	(1.0652)	62083112	2.4339	(.9582)	.1281	(.0504)	2.4492	(.9643)	.1322	(.0520)	2
SEP-1	2.6899	(1.0590)	62090312	2.3808	(.9373)	.1425	(.0561)	2.3719	(.9338)	.1300	(.0512)	SEP-1
2	2.6241	(1.0331)	58091900	2.3070	(.9083)	.1621	(.0638)	2.3406	(.9215)	.1444	(.0569)	2
OCT-1	2.5479	(1.0031)	54101215	2.1493	(.8462)	.1993	(.0785)	2.1042	(.8284)	.2485	(.0978)	OCT-1
2	2.4544	(.9663)	49102103	1.9738	(.7771)	.2509	(.0988)	1.9848	(.7814)	.2824	(.1112)	2
NOV-1	2.3957	(.9432)	72110200	1.9090	(.7516)	.2521	(.0993)	1.8622	(.7331)	.2936	(.1156)	NOV-1
2	2.3538	(.9267)	57111800	1.8705	(.7364)	.2126	(.0837)	1.8432	(.7257)	.2593	(.1021)	2
DEC-1	2.1913	(.8627)	67121500	1.7994	(.7084)	.2555	(.1006)	1.7645	(.6947)	.1817	(.0715)	DEC-1
2	2.1013	(.8273)	48121603	1.6924	(.6663)	.2397	(.0944)	1.7166	(.6758)	.2328	(.0917)	2

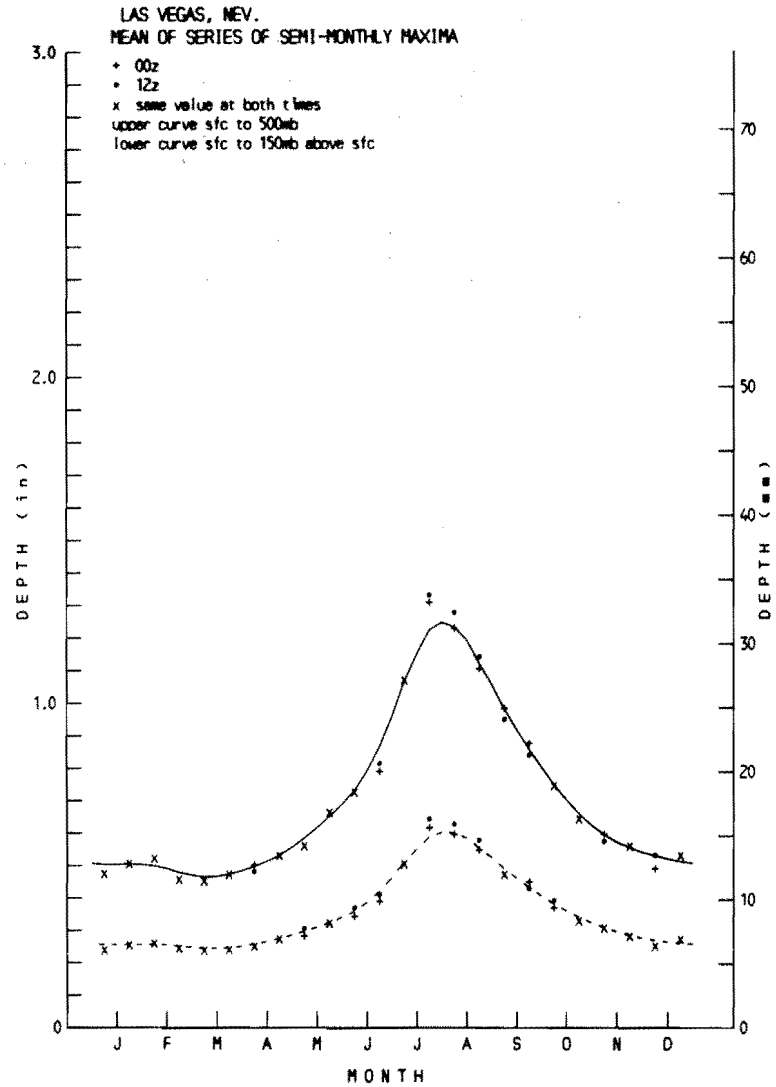

LANDER, WYO.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


LANDER, WYO.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
* 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

LANDER, WYO. 27 YEARS OF RECORD

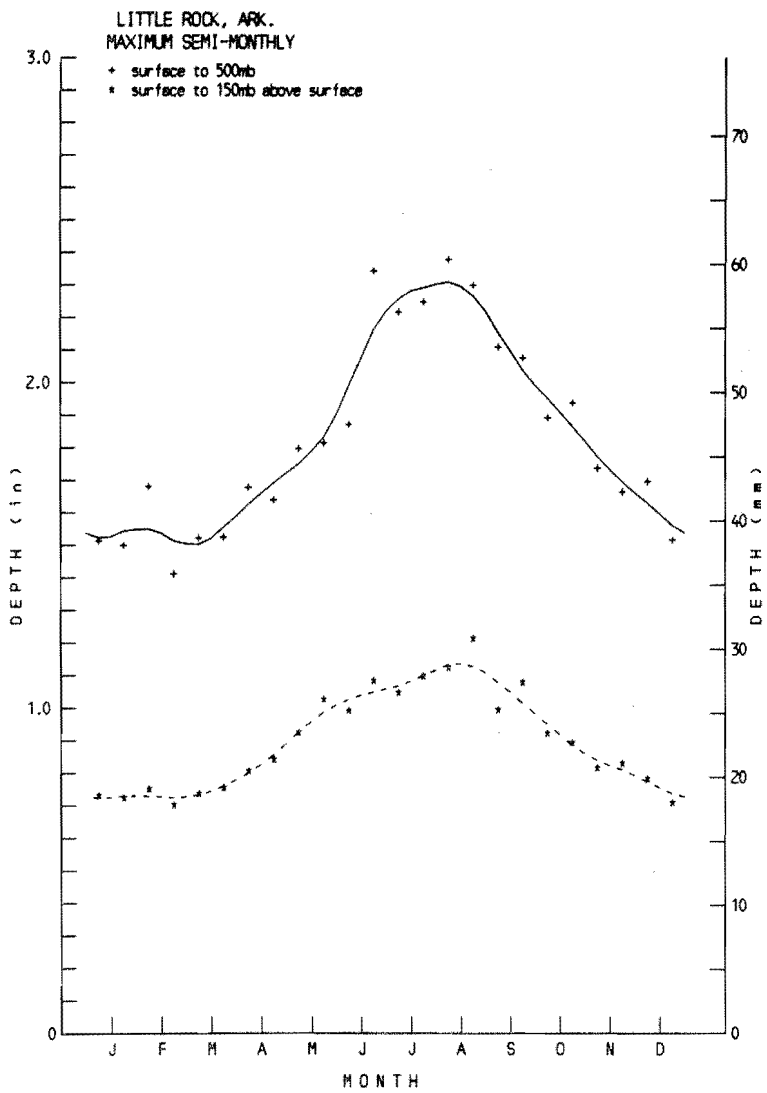
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.0465	(.4120)	69011500	.6762	(.2662)	.1850	(.0728)	.6981	(.2749)	.1325	(.0522)	JAN-1
2	1.0493	(.4131)	71011712	.7069	(.2783)	.1566	(.0617)	.7242	(.2851)	.1615	(.0636)	2
FEB-1	1.1867	(.4672)	62029900	.7124	(.2805)	.1601	(.0630)	.6989	(.2751)	.1468	(.0578)	FEB-1
2	1.0165	(.4002)	68022100	.6886	(.2711)	.1453	(.0572)	.6642	(.2615)	.1314	(.0517)	2
MAR-1	1.0828	(.4263)	54039912	.7079	(.2787)	.1394	(.0549)	.6809	(.2681)	.1452	(.0572)	MAR-1
2	1.1212	(.4414)	63039912	.8026	(.3160)	.1620	(.0638)	.7788	(.3066)	.1316	(.0518)	2
APR-1	1.3002	(.5119)	69041212	.9199	(.3621)	.1568	(.0617)	.9020	(.3551)	.1469	(.0578)	APR-1
2	1.4671	(.5776)	52049912	1.0426	(.4105)	.1528	(.0602)	1.0096	(.3975)	.1614	(.0635)	2
MAY-1	1.5707	(.6184)	57059900	1.2366	(.4868)	.1620	(.0638)	1.1881	(.4678)	.1330	(.0523)	MAY-1
2	2.1303	(.8387)	58059900	1.4988	(.5901)	.2478	(.0976)	1.4199	(.5590)	.1917	(.0755)	2
JUN-1	2.0546	(.8089)	48069900	1.6483	(.6489)	.2524	(.0994)	1.6348	(.6436)	.2418	(.0952)	JUN-1
2	2.3360	(.9197)	54069912	1.7741	(.6985)	.2070	(.0815)	1.6784	(.6608)	.2374	(.0934)	2
JUL-1	2.4031	(.9461)	67071512	1.8285	(.7199)	.4149	(.1634)	1.9281	(.7591)	.2887	(.1137)	JUL-1
2	2.7175	(1.0699)	55079900	2.1114	(.8313)	.2790	(.1099)	2.0449	(.8051)	.2535	(.0998)	2
AUG-1	2.8486	(1.1215)	51089900	2.0829	(.8201)	.3371	(.1327)	2.0838	(.8204)	.3359	(.1322)	AUG-1
2	2.4986	(.9837)	72081912	1.9095	(.7518)	.2641	(.1040)	1.8545	(.7301)	.2790	(.1098)	2
SEP-1	2.2873	(.9005)	63099900	1.6668	(.6562)	.3160	(.1244)	1.6461	(.6481)	.2565	(.1010)	SEP-1
2	2.2139	(.8716)	63099900	1.4540	(.5724)	.2917	(.1148)	1.4001	(.5512)	.2561	(.1008)	2
OCT-1	1.5872	(.6249)	60109912	1.2226	(.4813)	.1907	(.0751)	1.1999	(.4724)	.2372	(.0934)	OCT-1
2	1.3891	(.5469)	49109900	1.0666	(.4199)	.1687	(.0664)	1.0832	(.4264)	.1705	(.0671)	2
NOV-1	1.1501	(.4528)	67111412	.9179	(.3614)	.0913	(.0359)	.8911	(.3508)	.1020	(.0402)	NOV-1
2	1.1547	(.4546)	50119900	.9113	(.3588)	.1357	(.0534)	.8443	(.3324)	.1357	(.0534)	2
DEC-1	1.1036	(.4345)	65121100	.7673	(.3021)	.1638	(.0645)	.7516	(.2959)	.1575	(.0620)	DEC-1
2	1.0955	(.4313)	46129912	.7662	(.3017)	.1386	(.0546)	.7725	(.3041)	.1685	(.0663)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.6104	(.2403)	69011500	.4100	(.1614)	.0768	(.0302)	.4197	(.1652)	.0693	(.0273)	JAN-1
2	.6038	(.2377)	69012200	.4239	(.1669)	.0899	(.0354)	.4333	(.1706)	.0960	(.0378)	2
FEB-1	.7457	(.2936)	62029900	.4224	(.1663)	.1073	(.0423)	.4269	(.1681)	.0982	(.0387)	FEB-1
2	.6190	(.2437)	68022100	.4319	(.1700)	.0873	(.0344)	.4128	(.1625)	.0763	(.0301)	2
MAR-1	.6292	(.2477)	54039912	.4486	(.1766)	.0841	(.0331)	.4257	(.1676)	.0696	(.0274)	MAR-1
2	.7115	(.2801)	57039900	.5105	(.2010)	.0918	(.0362)	.4926	(.1939)	.0794	(.0313)	2
APR-1	.7633	(.3005)	69041212	.5725	(.2254)	.0817	(.0322)	.5617	(.2212)	.0875	(.0344)	APR-1
2	.8679	(.3417)	52049912	.6449	(.2539)	.0901	(.0355)	.6260	(.2464)	.0839	(.0330)	2
MAY-1	.9649	(.3799)	57059900	.7705	(.3033)	.1133	(.0446)	.7420	(.2921)	.1008	(.0397)	MAY-1
2	1.2918	(.5086)	58059900	.9215	(.3628)	.1671	(.0658)	.8971	(.3532)	.1110	(.0437)	2
JUN-1	1.3119	(.5165)	46069912	1.0053	(.3958)	.1604	(.0632)	1.0107	(.3979)	.1482	(.0584)	JUN-1
2	1.3680	(.5386)	59069912	1.0556	(.4156)	.1396	(.0550)	1.0394	(.4092)	.1411	(.0555)	2
JUL-1	1.5342	(.6040)	54079900	1.1166	(.4396)	.1682	(.0662)	1.1373	(.4477)	.1662	(.0654)	JUL-1
2	1.6259	(.6401)	55079912	1.2131	(.4776)	.1649	(.0649)	1.2003	(.4725)	.1492	(.0587)	2
AUG-1	1.7158	(.6755)	51089900	1.2066	(.4751)	.1936	(.0762)	1.2044	(.4742)	.1676	(.0660)	AUG-1
2	1.4168	(.5578)	57089900	1.0988	(.4326)	.1662	(.0654)	1.0912	(.4296)	.1455	(.0573)	2
SEP-1	1.3134	(.5171)	63099900	.9819	(.3866)	.1700	(.0669)	.9635	(.3793)	.1363	(.0537)	SEP-1
2	1.2306	(.4845)	63099900	.8741	(.3441)	.1661	(.0654)	.8357	(.3290)	.1691	(.0666)	2
OCT-1	.9489	(.3736)	60109912	.7189	(.2830)	.1156	(.0455)	.7134	(.2809)	.1320	(.0520)	OCT-1
2	.8679	(.3417)	72102012	.6420	(.2528)	.1207	(.0475)	.6365	(.2506)	.1049	(.0413)	2
NOV-1	.6492	(.2556)	55119900	.5365	(.2112)	.0626	(.0246)	.5357	(.2109)	.0621	(.0245)	NOV-1
2	.7018	(.2763)	49119900	.5318	(.2094)	.0823	(.0324)	.5056	(.1991)	.0743	(.0293)	2
DEC-1	.6444	(.2537)	58129900	.4502	(.1773)	.0893	(.0352)	.4428	(.1743)	.0890	(.0350)	DEC-1
2	.7051	(.2776)	55129912	.4389	(.1728)	.0886	(.0349)	.4512	(.1776)	.1082	(.0426)	2

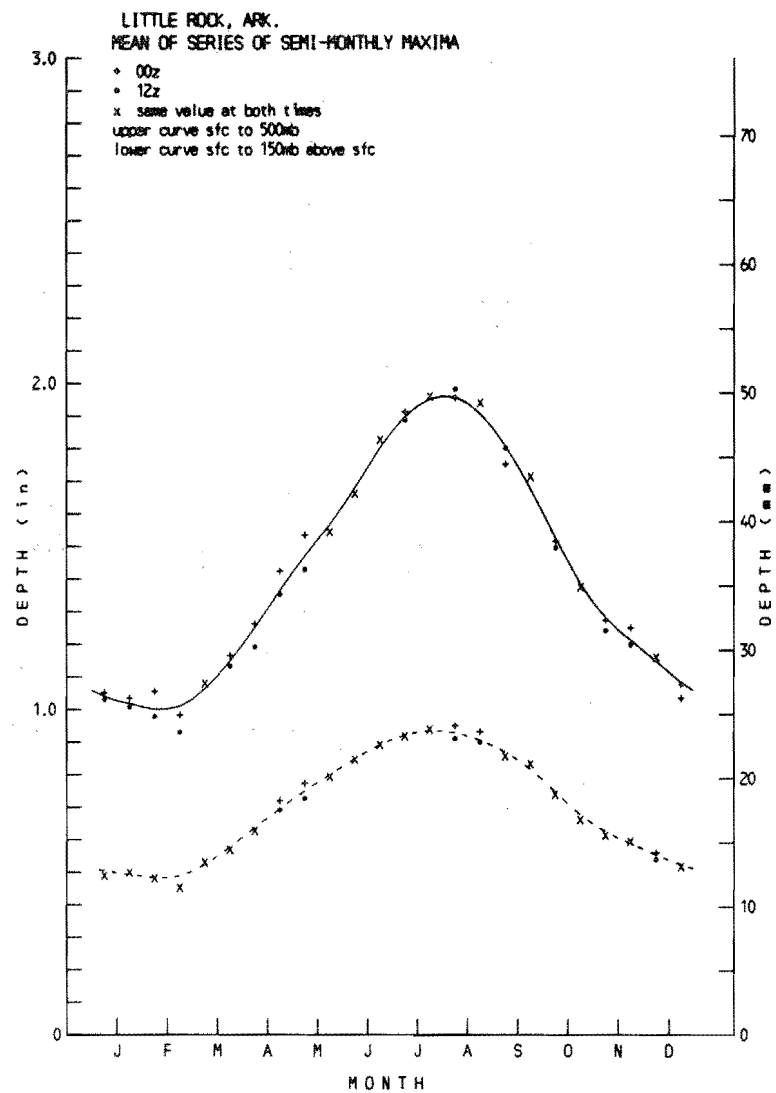

LAS VEGAS, NEV.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
x surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


LAS VEGAS, NEV.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

LAS VEGAS, NEV. 27 YEARS OF RECORD

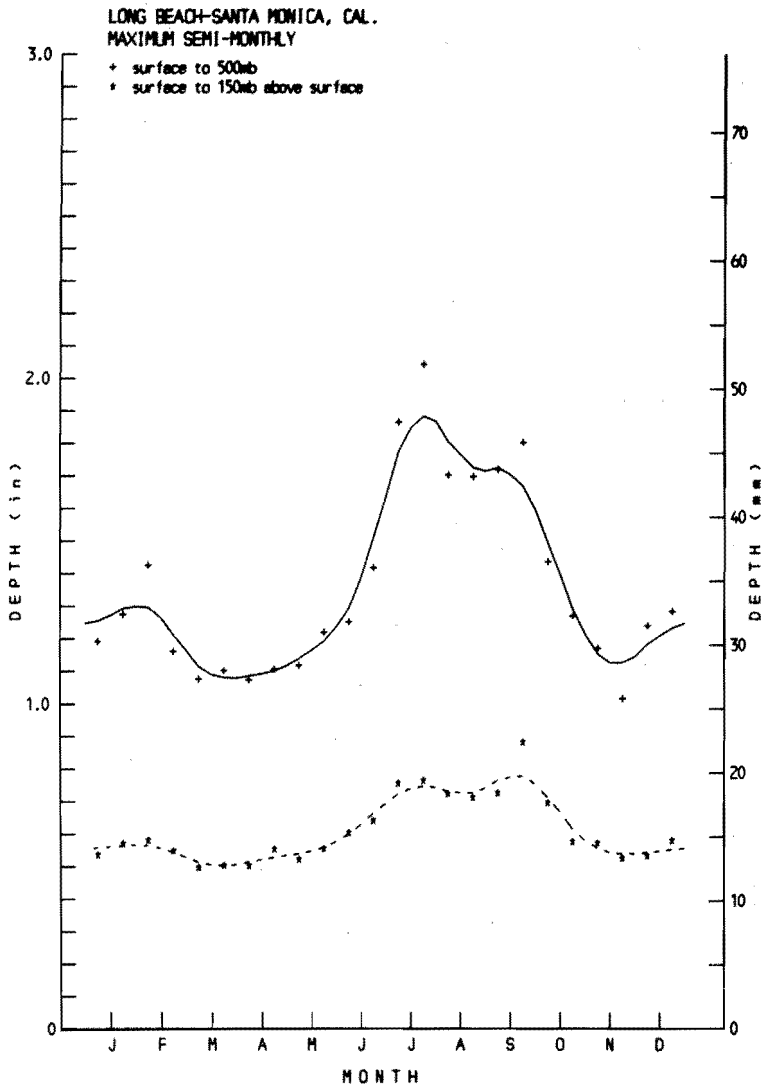
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.1488	(.8460)	57019900	1.1927	(.4696)	.3405	(.1340)	1.2378	(.4873)	.3517	(.1385)	JAN-1
2	1.8191	(.7162)	63019912	1.2767	(.5026)	.2577	(.1015)	1.3116	(.5164)	.3100	(.1221)	2
FEB-1	2.4206	(.9530)	63029900	1.3379	(.5267)	.4484	(.1765)	1.3335	(.5250)	.3455	(.1360)	FEB-1
2	1.9916	(.7841)	59029900	1.1775	(.4636)	.3459	(.1362)	1.1616	(.4573)	.3003	(.1182)	2
MAR-1	2.1204	(.8348)	54039912	1.1355	(.4470)	.2324	(.0915)	1.1816	(.4652)	.2949	(.1161)	MAR-1
2	1.8532	(.7296)	63039912	1.2243	(.4820)	.3417	(.1345)	1.1969	(.4712)	.3141	(.1237)	2
APR-1	2.2766	(.8963)	63049900	1.2719	(.5007)	.3587	(.1412)	1.2184	(.4797)	.2626	(.1034)	APR-1
2	2.1478	(.8456)	52049900	1.3649	(.5373)	.3649	(.1437)	1.3503	(.5316)	.3377	(.1330)	2
MAY-1	2.1405	(.8427)	47059900	1.4119	(.5559)	.3271	(.1288)	1.4577	(.5739)	.2366	(.0931)	MAY-1
2	2.4552	(.9666)	54059900	1.7106	(.6735)	.3568	(.1405)	1.6787	(.6609)	.2934	(.1155)	2
JUN-1	2.8865	(1.1364)	52069900	1.8288	(.7200)	.4763	(.1875)	1.8772	(.7390)	.4514	(.1777)	JUN-1
2	3.7470	(1.4752)	54069900	2.0022	(.7883)	.5744	(.2262)	2.0643	(.8127)	.4674	(.1840)	2
JUL-1	3.7447	(1.4743)	50079912	2.7074	(1.0659)	.6741	(.2654)	2.7521	(1.0835)	.5981	(.2355)	JUL-1
2	4.3063	(1.6954)	66073100	3.3225	(1.3081)	.6465	(.2545)	3.3812	(1.3312)	.5288	(.2082)	2
AUG-1	4.3152	(1.6989)	59089900	3.1218	(1.2290)	.6753	(.2659)	3.2462	(1.2780)	.5591	(.2201)	AUG-1
2	4.1316	(1.6266)	57089912	2.8076	(1.1053)	.6308	(.2484)	2.8989	(1.1413)	.6818	(.2684)	2
SEP-1	3.7907	(1.4924)	63099900	2.4963	(.9828)	.5939	(.2338)	2.4116	(.9495)	.6273	(.2470)	SEP-1
2	3.3236	(1.3085)	62099900	2.2239	(.8755)	.6579	(.2590)	2.1313	(.8391)	.5911	(.2327)	2
OCT-1	3.3630	(1.3240)	46109900	1.8969	(.7468)	.5238	(.2062)	1.9145	(.7537)	.5412	(.2131)	OCT-1
2	2.5436	(1.0014)	63109900	1.6442	(.6473)	.4902	(.1930)	1.6427	(.6467)	.4254	(.1675)	2
NOV-1	2.5291	(.9957)	60119912	1.5149	(.5964)	.3775	(.1486)	1.4576	(.5739)	.3244	(.1277)	NOV-1
2	2.4940	(.9819)	50119900	1.4295	(.5628)	.3778	(.1487)	1.4351	(.5650)	.3834	(.1510)	2
DEC-1	1.8412	(.7249)	66120612	1.2425	(.4892)	.3763	(.1481)	1.3475	(.5305)	.3126	(.1231)	DEC-1
2	2.3896	(.9408)	55129912	1.3637	(.5369)	.4028	(.1586)	1.3525	(.5325)	.4670	(.1839)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.0663	(.4198)	53019900	.5959	(.2346)	.1715	(.0675)	.6362	(.2505)	.1697	(.0668)	JAN-1
2	.9378	(.3692)	61019900	.6627	(.2609)	.1641	(.0646)	.6504	(.2561)	.1557	(.0613)	2
FEB-1	1.1648	(.4586)	62029900	.6781	(.2670)	.1856	(.0731)	.6595	(.2596)	.1750	(.0689)	FEB-1
2	1.0909	(.4295)	54029900	.6247	(.2459)	.1802	(.0710)	.6376	(.2510)	.1568	(.0617)	2
MAR-1	.9096	(.3581)	54039912	.5995	(.2360)	.1227	(.0483)	.6308	(.2484)	.1332	(.0524)	MAR-1
2	.9588	(.3775)	47039912	.6136	(.2416)	.1669	(.0657)	.6271	(.2469)	.1411	(.0555)	2
APR-1	1.1953	(.4706)	63049900	.6462	(.2544)	.1824	(.0718)	.6452	(.2540)	.1403	(.0552)	APR-1
2	1.1300	(.4449)	52049900	.7003	(.2757)	.1804	(.0710)	.7070	(.2783)	.1673	(.0659)	2
MAY-1	1.0650	(.4193)	47059900	.7143	(.2812)	.1671	(.0658)	.7725	(.3041)	.1285	(.0506)	MAY-1
2	1.1605	(.4569)	57059900	.8189	(.3224)	.1560	(.0614)	.8403	(.3308)	.1326	(.0522)	2
JUN-1	1.4326	(.5640)	60069912	.8670	(.3413)	.2185	(.0860)	.9337	(.3676)	.2321	(.0914)	JUN-1
2	1.7920	(.7055)	54069900	.9856	(.3880)	.2670	(.1051)	1.0376	(.4085)	.2344	(.0923)	2
JUL-1	1.8542	(.7300)	61079912	1.2674	(.4990)	.3121	(.1229)	1.3161	(.5181)	.3454	(.1360)	JUL-1
2	2.0922	(.8237)	55079912	1.5627	(.6152)	.3077	(.1211)	1.6314	(.6423)	.2653	(.1045)	2
AUG-1	2.0495	(.8069)	59089900	1.5114	(.5950)	.3004	(.1183)	1.5913	(.6265)	.2663	(.1049)	AUG-1
2	1.9367	(.7625)	61089900	1.3894	(.5470)	.3494	(.1376)	1.4652	(.5768)	.3407	(.1341)	2
SEP-1	1.9233	(.7572)	60099912	1.1972	(.4713)	.2944	(.1159)	1.2236	(.4817)	.3196	(.1258)	SEP-1
2	1.7589	(.6925)	66092000	1.1384	(.4482)	.3533	(.1391)	1.0873	(.4281)	.3457	(.1361)	2
OCT-1	1.7407	(.6853)	46109912	.9365	(.3687)	.2520	(.0992)	.9933	(.3911)	.2913	(.1147)	OCT-1
2	1.3310	(.5240)	64109900	.8390	(.3303)	.2291	(.0902)	.8548	(.3365)	.2081	(.0819)	2
NOV-1	1.2865	(.5065)	60119912	.7848	(.3090)	.1976	(.0778)	.7998	(.3149)	.1489	(.0586)	NOV-1
2	1.2154	(.4785)	50119912	.7193	(.2832)	.1886	(.0742)	.7353	(.2895)	.1878	(.0739)	2
DEC-1	1.0399	(.4094)	66120612	.6305	(.2482)	.1904	(.0749)	.6679	(.2630)	.1609	(.0633)	DEC-1
2	1.1623	(.4576)	55129912	.7070	(.2783)	.1897	(.0747)	.6936	(.2731)	.2215	(.0872)	2

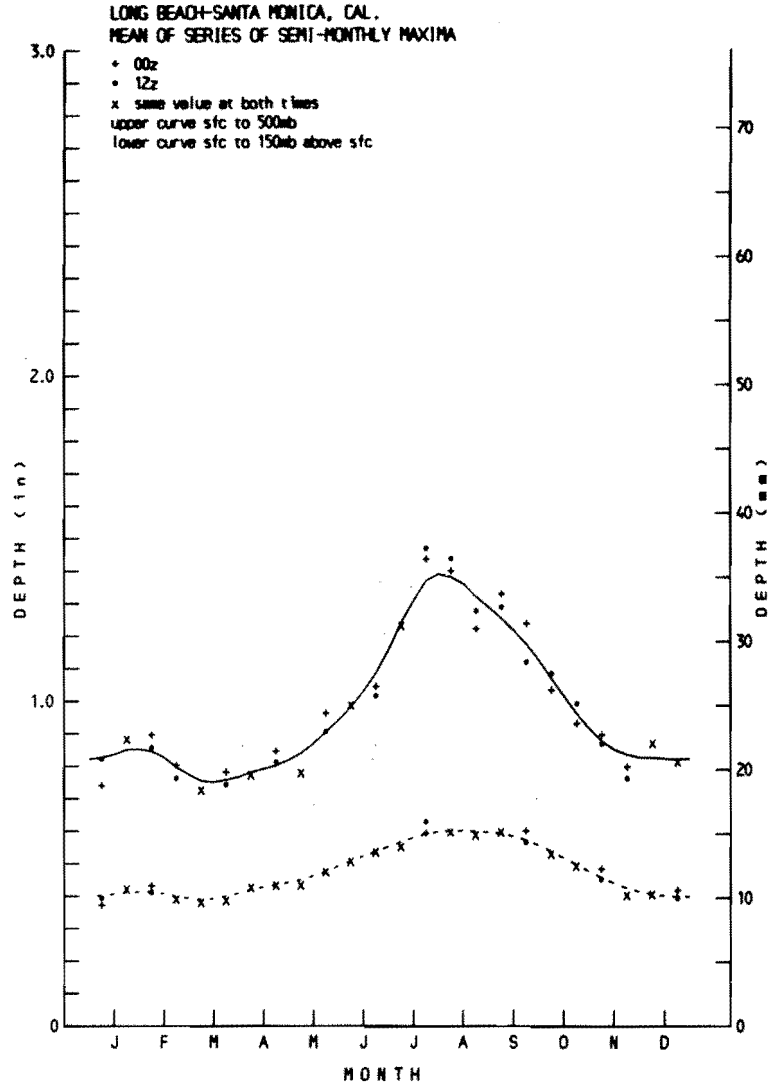

LITTLE ROCK, ARK.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


LITTLE ROCK, ARK.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

LITTLE ROCK, ARK. 27 YEARS OF RECORD

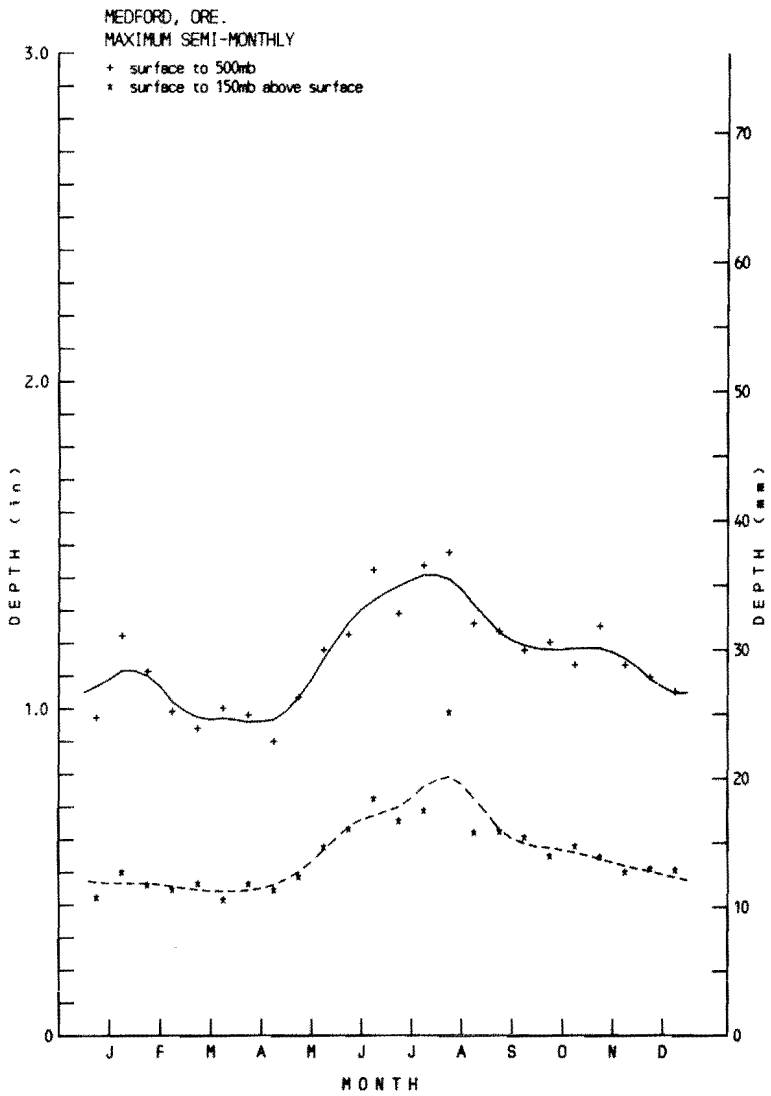
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED			MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z)				12Z(15Z)				MONTH
	MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	
				SURFACE TO 500MB								
JAN-1	3.8410	(1.5122)	50019900	2.6660	(1.0496)	.6790	(.2673)	2.6144	(1.0293)	.7421	(.2922)	JAN-1
2	3.8049	(1.4980)	49019900	2.6237	(1.0329)	.6278	(.2472)	2.5571	(1.0067)	.7122	(.2804)	2
FEB-1	4.2639	(1.6787)	59029900	2.6761	(1.0536)	.6129	(.2413)	2.4820	(.9772)	.5797	(.2282)	FEB-1
2	3.5819	(1.4102)	48029912	2.4915	(.9809)	.6041	(.2378)	2.3584	(.9285)	.5390	(.2122)	2
MAR-1	3.8626	(1.5207)	63039900	2.7653	(1.0887)	.6510	(.2563)	2.7439	(1.0803)	.4554	(.1793)	MAR-1
2	3.8699	(1.5236)	48039900	2.9571	(1.1642)	.4568	(.1799)	2.8726	(1.1309)	.4510	(.1776)	2
APR-1	4.2575	(1.6762)	48049900	3.2038	(1.2614)	.5392	(.2123)	3.0245	(1.1907)	.5131	(.2020)	APR-1
2	4.1598	(1.6377)	66042312	3.6141	(1.4229)	.3521	(.1386)	3.4347	(1.3523)	.3576	(.1408)	2
MAY-1	4.5593	(1.7950)	54059900	3.8928	(1.5326)	.3567	(.1404)	3.6257	(1.4274)	.3932	(.1548)	MAY-1
2	4.6030	(1.8122)	53059912	3.9263	(1.5458)	.3257	(.1282)	3.9377	(1.5503)	.3356	(.1321)	2
JUN-1	4.7465	(1.8687)	46069900	4.2333	(1.6666)	.3631	(.1430)	4.2301	(1.6654)	.3079	(.1212)	JUN-1
2	5.9454	(2.3407)	47069912	4.6468	(1.8295)	.5126	(.2018)	4.6528	(1.8318)	.5228	(.2058)	2
JUL-1	5.6253	(2.2147)	63079900	4.8547	(1.9113)	.3860	(.1520)	4.7887	(1.8853)	.3976	(.1566)	JUL-1
2	5.7041	(2.2457)	58079900	5.0085	(1.9719)	.4146	(.1632)	4.9705	(1.9569)	.2939	(.1157)	2
AUG-1	6.0350	(2.3760)	70081000	4.9613	(1.9533)	.5476	(.2156)	5.0301	(1.9804)	.4264	(.1679)	AUG-1
2	5.8339	(2.2968)	49089900	4.9432	(1.9461)	.3506	(.1380)	4.9344	(1.9427)	.3080	(.1213)	2
SEP-1	5.3503	(2.1064)	72090912	4.4462	(1.7505)	.8667	(.3412)	4.5711	(1.7997)	.4651	(.1831)	SEP-1
2	5.2649	(2.0728)	47099912	4.3530	(1.7138)	.4568	(.1799)	4.3747	(1.7223)	.5361	(.2111)	2
OCT-1	4.7978	(1.8889)	66100412	3.8473	(1.5147)	.5940	(.2338)	3.7952	(1.4942)	.5997	(.2361)	OCT-1
2	4.9139	(1.9346)	49109912	3.5135	(1.3832)	.7165	(.2821)	3.4970	(1.3768)	.5235	(.2061)	2
NOV-1	4.4061	(1.7347)	46119900	3.2325	(1.2726)	.5900	(.2323)	3.1509	(1.2405)	.5462	(.2150)	NOV-1
2	4.2197	(1.6613)	58119900	3.1725	(1.2490)	.5684	(.2238)	3.0412	(1.1973)	.5405	(.2128)	2
DEC-1	4.3023	(1.6938)	48129912	2.9485	(1.1608)	.4932	(.1942)	2.9669	(1.1681)	.5468	(.2153)	DEC-1
2	3.8478	(1.5149)	49129912	2.6226	(1.0325)	.6273	(.2469)	2.7306	(1.0751)	.5747	(.2262)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.8542	(.7300)	49019900	1.2660	(.4984)	.3717	(.1463)	1.2434	(.4895)	.3243	(.1277)	JAN-1
2	1.8369	(.7232)	50019900	1.2986	(.5113)	.3791	(.1493)	1.2610	(.4964)	.3692	(.1454)	2
FEB-1	1.9053	(.7501)	59029900	1.2570	(.4949)	.2645	(.1042)	1.2076	(.4754)	.2768	(.1090)	FEB-1
2	1.7808	(.7011)	56029912	1.1725	(.4616)	.3074	(.1210)	1.1482	(.4521)	.3095	(.1218)	2
MAR-1	1.8692	(.7359)	67030600	1.3460	(.5299)	.3329	(.1311)	1.3700	(.5394)	.2957	(.1164)	MAR-1
2	1.9149	(.7539)	54039900	1.4734	(.5801)	.2277	(.0896)	1.4409	(.5673)	.2401	(.0945)	2
APR-1	2.0447	(.8050)	47049912	1.6115	(.6344)	.2626	(.1034)	1.5962	(.6284)	.2356	(.0928)	APR-1
2	2.1356	(.8408)	58049900	1.8243	(.7182)	.1610	(.0634)	1.7514	(.6895)	.1697	(.0668)	2
MAY-1	2.3457	(.9235)	47059900	1.9601	(.7717)	.1948	(.0767)	1.8424	(.7253)	.1693	(.0666)	MAY-1
2	2.6063	(1.0261)	53059912	2.0508	(.8074)	.1911	(.0752)	2.0008	(.7877)	.2192	(.0863)	2
JUN-1	2.5176	(.9912)	70061312	2.1656	(.8526)	.2127	(.0837)	2.1539	(.8480)	.1717	(.0676)	JUN-1
2	2.7516	(1.0833)	58069912	2.2910	(.9020)	.2316	(.0912)	2.2612	(.8902)	.2320	(.0913)	2
JUL-1	2.6581	(1.0465)	57079900	2.3659	(.9315)	.1669	(.0657)	2.3216	(.9140)	.1598	(.0629)	JUL-1
2	2.7879	(1.0976)	58079900	2.4098	(.9487)	.1584	(.0624)	2.3818	(.9377)	.1323	(.0521)	2
AUG-1	2.8552	(1.1241)	70081000	2.4102	(.9489)	.2481	(.0977)	2.3102	(.9095)	.1762	(.0694)	AUG-1
2	3.0790	(1.2122)	46089900	2.3631	(.9304)	.2207	(.0869)	2.2828	(.8987)	.1149	(.0453)	2
SEP-1	2.5237	(.9936)	72090800	2.1994	(.8659)	.2016	(.0794)	2.1740	(.8559)	.1590	(.0626)	SEP-1
2	2.7394	(1.0785)	54099912	2.1070	(.8295)	.2126	(.0837)	2.1474	(.8455)	.2161	(.0851)	2
OCT-1	2.3401	(.9213)	62109900	1.8977	(.7471)	.2634	(.1037)	1.8812	(.7406)	.2653	(.1045)	OCT-1
2	2.2680	(.8929)	49109912	1.7000	(.6693)	.3185	(.1254)	1.6824	(.6624)	.2362	(.0930)	2
NOV-1	2.0704	(.8151)	72110100	1.5804	(.6222)	.3013	(.1186)	1.5567	(.6129)	.2857	(.1125)	NOV-1
2	2.1059	(.8291)	58119912	1.5439	(.6078)	.2914	(.1147)	1.5008	(.5909)	.2736	(.1077)	2
DEC-1	1.9853	(.7816)	48129912	1.4180	(.5583)	.2498	(.0983)	1.3650	(.5374)	.3334	(.1312)	DEC-1
2	1.7991	(.7083)	67122112	1.3345	(.5254)	.3007	(.1184)	1.3169	(.5185)	.3092	(.1217)	2

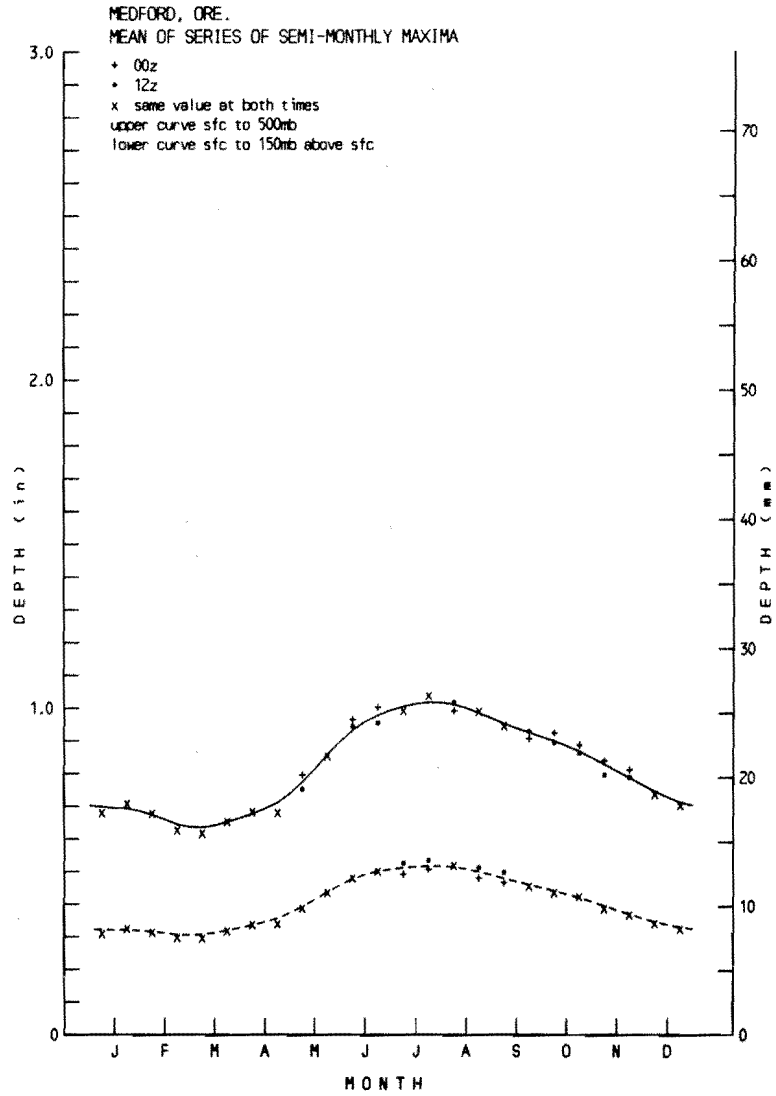

LONG BEACH-SANTA MONICA, CAL.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


LONG BEACH-SANTA MONICA, CAL.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

LONG BEACH-SANTA MONICA, CAL. 17 YEARS OF RECORD

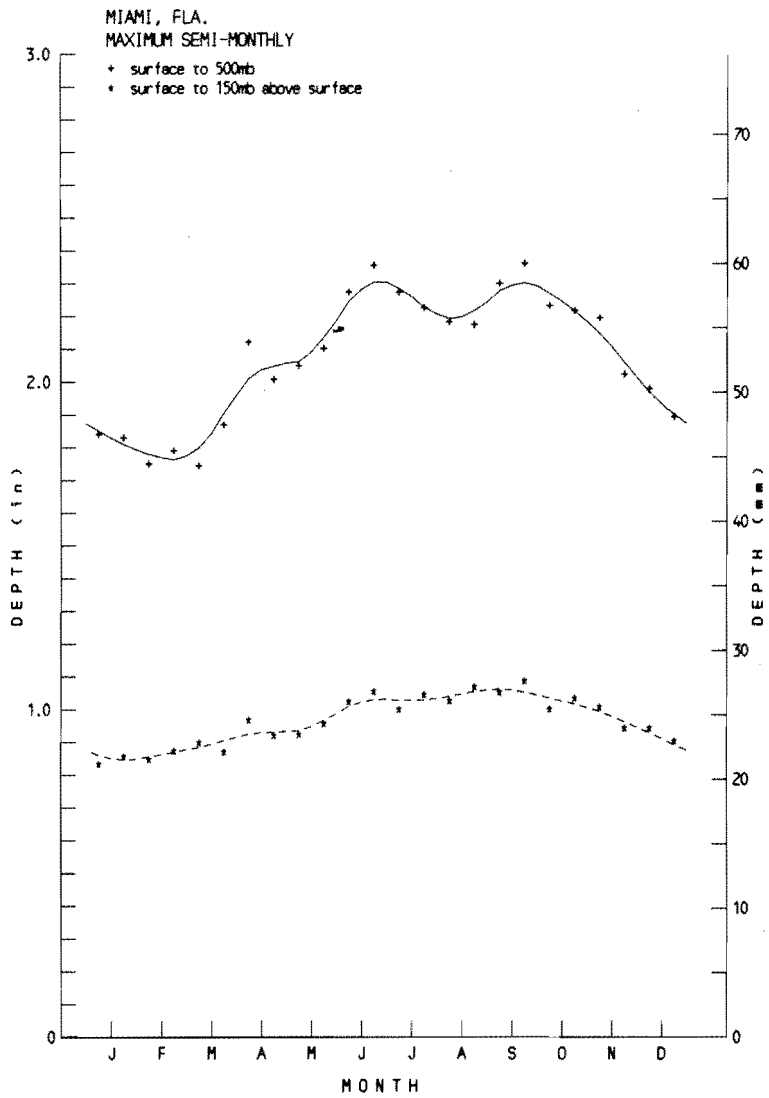
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.0239	(1.1905)	53011315	1.8751	(.7382)	.5069	(.1996)	2.0852	(.8209)	.4645	(.1829)	JAN-1
2	3.2349	(1.2736)	54012415	2.2342	(.8796)	.4149	(.1634)	2.2664	(.8923)	.4650	(.1831)	2
FEB-1	3.6187	(1.4247)	63020100	2.2729	(.8948)	.6817	(.2684)	2.1727	(.8554)	.6816	(.2683)	FEB-1
2	2.9459	(1.1598)	55021703	2.0355	(.8014)	.4851	(.1910)	1.9336	(.7612)	.4250	(.1673)	2
MAR-1	2.7295	(1.0746)	54030915	1.8328	(.7216)	.3162	(.1245)	1.8729	(.7374)	.4012	(.1580)	MAR-1
2	2.7968	(1.1011)	58032100	1.9799	(.7795)	.3626	(.1428)	1.8825	(.7411)	.3910	(.1539)	2
APR-1	2.7241	(1.0725)	63040800	1.9488	(.7672)	.3255	(.1281)	1.9939	(.7850)	.2993	(.1178)	APR-1
2	2.8059	(1.1047)	53042715	2.1454	(.8447)	.3623	(.1427)	2.0624	(.8120)	.3663	(.1442)	2
MAY-1	2.8372	(1.1170)	56050903	1.9969	(.7862)	.3642	(.1434)	1.9808	(.7798)	.3364	(.1324)	MAY-1
2	3.0965	(1.2191)	57051903	2.4422	(.9615)	.3879	(.1527)	2.2988	(.9050)	.2830	(.1114)	2
JUN-1	3.1780	(1.2512)	57061312	2.4991	(.9839)	.3903	(.1537)	2.5382	(.9993)	.2990	(.1177)	JUN-1
2	3.5997	(1.4172)	57062600	2.6501	(1.0433)	.3905	(.1538)	2.5777	(1.0148)	.2789	(.1098)	2
JUL-1	4.7381	(1.8654)	54071403	3.1430	(1.2374)	.7558	(.2976)	3.1318	(1.2330)	.5760	(.2268)	JUL-1
2	5.1902	(2.0434)	52072703	3.6429	(1.4342)	.6684	(.2632)	3.7275	(1.4675)	.4954	(.1951)	2
AUG-1	4.3251	(1.7028)	60081100	3.5501	(1.3977)	.6691	(.2634)	3.6480	(1.4362)	.6508	(.2562)	AUG-1
2	4.3132	(1.6981)	61082212	3.0994	(1.2202)	.5716	(.2250)	3.2395	(1.2754)	.5318	(.2094)	2
SEP-1	4.3691	(1.7201)	60091200	3.3718	(1.3275)	.6527	(.2570)	3.2690	(1.2870)	.7131	(.2807)	SEP-1
2	4.5778	(1.8023)	52092203	3.1395	(1.2360)	.6790	(.2673)	2.8392	(1.1178)	.5516	(.2172)	2
OCT-1	3.6474	(1.4360)	60100700	2.6204	(1.0317)	.6017	(.2369)	2.7486	(1.0821)	.4651	(.1831)	OCT-1
2	3.2253	(1.2698)	63101612	2.3591	(.9288)	.3785	(.1490)	2.5154	(.9903)	.4755	(.1872)	2
NOV-1	2.9715	(1.1699)	57110100	2.2706	(.8939)	.4313	(.1698)	2.2019	(.8669)	.3488	(.1373)	NOV-1
2	2.5789	(1.0153)	63111600	2.0215	(.7959)	.3124	(.1230)	1.9298	(.7597)	.3746	(.1475)	2
DEC-1	3.1463	(1.2387)	55120703	2.1950	(.8642)	.5801	(.2284)	2.2368	(.8806)	.4974	(.1958)	DEC-1
2	3.2575	(1.2825)	55122303	2.0957	(.8251)	.6508	(.2562)	2.0462	(.8056)	.5949	(.2342)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.3581	(.5347)	53011315	.9395	(.3699)	.1848	(.0728)	.9946	(.3916)	.2010	(.0791)	JAN-1
2	1.4453	(.5690)	54012415	1.0989	(.4326)	.1549	(.0610)	1.0622	(.4182)	.1781	(.0701)	2
FEB-1	1.4747	(.5806)	50020615	1.0917	(.4298)	.2020	(.0795)	1.0399	(.4094)	.2264	(.0891)	FEB-1
2	1.3901	(.5473)	59021700	.9822	(.3867)	.1897	(.0747)	1.0182	(.4009)	.1422	(.0560)	2
MAR-1	1.2591	(.4957)	54031003	.9835	(.3872)	.1457	(.0574)	.9628	(.3791)	.1120	(.0441)	MAR-1
2	1.2751	(.5020)	58031612	.9982	(.3930)	.1081	(.0426)	.9794	(.3856)	.1043	(.0411)	2
APR-1	1.2730	(.5012)	57041503	1.1071	(.4359)	.1298	(.0511)	1.0782	(.4245)	.1072	(.0422)	APR-1
2	1.4023	(.5521)	58041700	1.1205	(.4411)	.1587	(.0625)	1.0995	(.4329)	.1142	(.0450)	2
MAY-1	1.3228	(.5208)	56050415	1.1096	(.4369)	.1295	(.0510)	1.1100	(.4370)	.1069	(.0421)	MAY-1
2	1.4069	(.5539)	50052803	1.2184	(.4797)	.1133	(.0446)	1.2149	(.4783)	.0848	(.0334)	2
JUN-1	1.5291	(.6020)	57061312	1.3002	(.5119)	.1290	(.0508)	1.2908	(.5082)	.1031	(.0406)	JUN-1
2	1.6251	(.6398)	59062700	1.3737	(.5408)	.1508	(.0594)	1.3648	(.5373)	.1214	(.0478)	2
JUL-1	1.9172	(.7548)	59070212	1.3974	(.5502)	.2378	(.0936)	1.4238	(.5606)	.2007	(.0790)	JUL-1
2	1.9383	(.7631)	54072803	1.5039	(.5921)	.2411	(.0949)	1.5940	(.6276)	.1830	(.0720)	2
AUG-1	1.8344	(.7222)	60081100	1.5216	(.5991)	.1978	(.0779)	1.5293	(.6021)	.1788	(.0704)	AUG-1
2	1.8057	(.7109)	59082500	1.4935	(.5880)	.1883	(.0741)	1.5128	(.5956)	.1831	(.0721)	2
SEP-1	1.8423	(.7253)	59091400	1.5448	(.6082)	.1709	(.0673)	1.5089	(.5941)	.2178	(.0857)	SEP-1
2	2.2382	(.8812)	52092703	1.5233	(.5997)	.2709	(.1067)	1.4335	(.5644)	.1820	(.0716)	2
OCT-1	1.7640	(.6945)	60100700	1.3701	(.5394)	.1788	(.0704)	1.3393	(.5273)	.1725	(.0679)	OCT-1
2	1.4592	(.5745)	59102712	1.2487	(.4916)	.1204	(.0474)	1.2680	(.4992)	.1432	(.0564)	2
NOV-1	1.4501	(.5709)	52110203	1.2232	(.4816)	.1599	(.0630)	1.1447	(.4507)	.1793	(.0706)	NOV-1
2	1.3322	(.5245)	63111600	1.0450	(.4114)	.1685	(.0663)	1.0175	(.4006)	.1402	(.0552)	2
DEC-1	1.3505	(.5317)	52120203	1.0292	(.4052)	.1943	(.0765)	1.0468	(.4121)	.1492	(.0588)	DEC-1
2	1.4699	(.5787)	57121600	1.0549	(.4153)	.2550	(.1004)	.9961	(.3922)	.2647	(.1042)	2

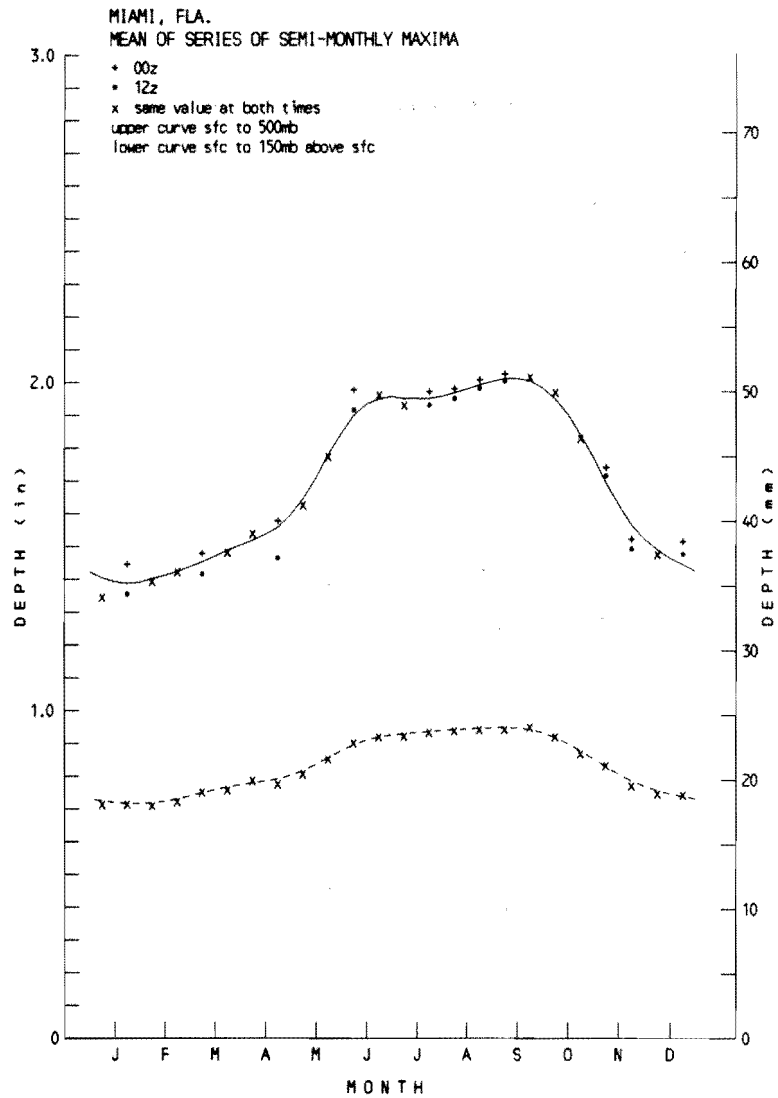

MEDFORD, ORE.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


MEDFORD, ORE.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

MEDFORD, ORE. 27 YEARS OF RECORD

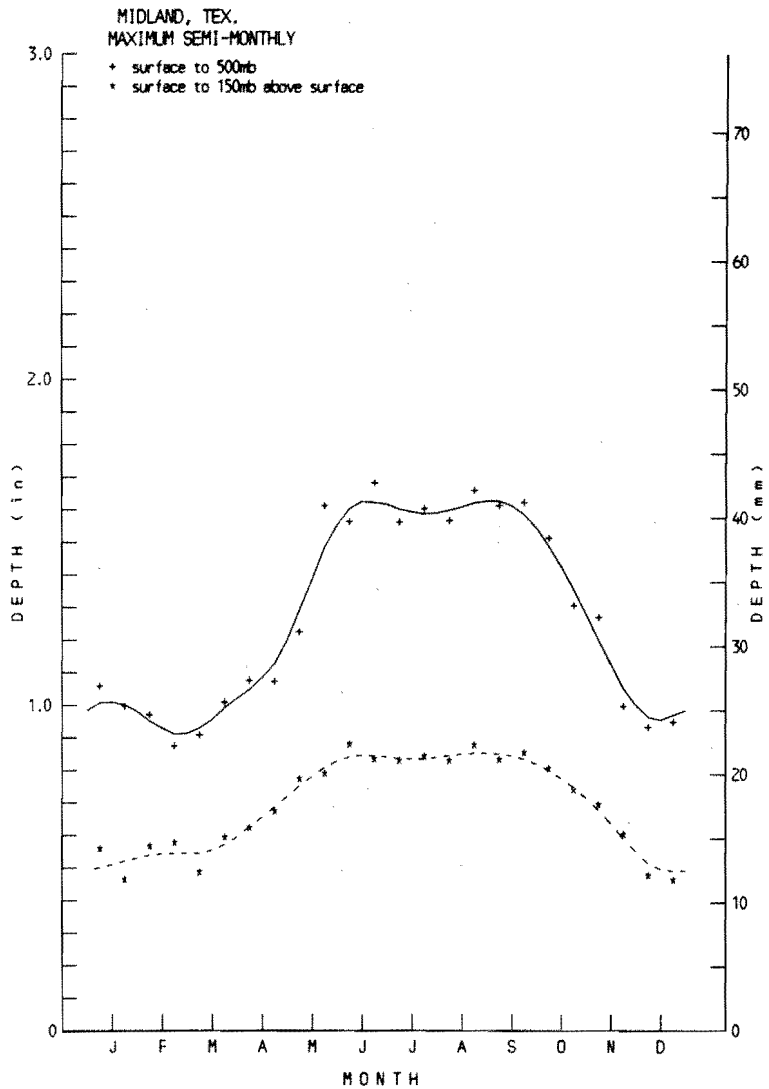
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.4676	(.9715)	56019900	1.7390	(.6847)	.3958	(.1558)	1.7343	(.6828)	.3750	(.1476)	JAN-1
2	3.1049	(1.2224)	71011700	1.8035	(.7100)	.3912	(.1540)	1.8128	(.7137)	.3857	(.1518)	2
FEB-1	2.8288	(1.1137)	60029900	1.7441	(.6867)	.4063	(.1600)	1.7201	(.6772)	.3204	(.1262)	FEB-1
2	2.5179	(.9913)	68022300	1.6112	(.6343)	.3971	(.1564)	1.5921	(.6268)	.3690	(.1453)	2
MAR-1	2.3871	(.9398)	72030300	1.5617	(.6149)	.3105	(.1222)	1.5941	(.6276)	.3597	(.1416)	MAR-1
2	2.5443	(1.0017)	52039912	1.6727	(.6586)	.2698	(.1062)	1.6670	(.6563)	.2895	(.1140)	2
APR-1	2.4915	(.9809)	59049900	1.7476	(.6880)	.3244	(.1277)	1.7441	(.6867)	.2846	(.1120)	APR-1
2	2.2850	(.8996)	65041912	1.7360	(.6835)	.3425	(.1349)	1.7425	(.6860)	.2833	(.1115)	2
MAY-1	2.6271	(1.0343)	69051400	2.0212	(.7957)	.3678	(.1448)	1.9104	(.7521)	.2796	(.1101)	MAY-1
2	2.9954	(1.1793)	57059900	2.1983	(.8655)	.3369	(.1326)	2.1633	(.8517)	.2488	(.0980)	2
JUN-1	3.1133	(1.2257)	55069900	2.4523	(.9655)	.4146	(.1632)	2.3998	(.9448)	.2670	(.1051)	JUN-1
2	3.6157	(1.4235)	48069900	2.5467	(1.0026)	.3622	(.1426)	2.4261	(.9551)	.4405	(.1734)	2
JUL-1	3.2781	(1.2906)	61079900	2.5530	(1.0051)	.3703	(.1458)	2.5118	(.9889)	.2654	(.1045)	JUL-1
2	3.6500	(1.4370)	52079900	2.6326	(1.0364)	.4990	(.1965)	2.6660	(1.0496)	.4700	(.1850)	2
AUG-1	3.7506	(1.4766)	61089912	2.5189	(.9917)	.5856	(.2306)	2.5847	(1.0176)	.4922	(.1938)	AUG-1
2	3.2014	(1.2604)	58089912	2.5094	(.9880)	.4090	(.1610)	2.5435	(1.0014)	.3623	(.1427)	2
SEP-1	3.1410	(1.2366)	57099912	2.4200	(.9527)	.3704	(.1458)	2.4068	(.9476)	.3934	(.1549)	SEP-1
2	2.9939	(1.1787)	70091812	2.3028	(.9066)	.3526	(.1388)	2.3585	(.9285)	.3562	(.1403)	2
OCT-1	3.0556	(1.2030)	47109900	2.3470	(.9240)	.3262	(.1284)	2.2712	(.8942)	.2896	(.1140)	OCT-1
2	2.8816	(1.1345)	67102800	2.2520	(.8866)	.3739	(.1472)	2.1893	(.8619)	.2551	(.1005)	2
NOV-1	3.1806	(1.2522)	68110812	2.1312	(.8390)	.4413	(.1737)	2.0191	(.7949)	.4097	(.1613)	NOV-1
2	2.8796	(1.1337)	70112400	2.0594	(.8108)	.3227	(.1271)	2.0009	(.7877)	.3375	(.1329)	2
DEC-1	2.7854	(1.0966)	58129912	1.8633	(.7336)	.3627	(.1428)	1.8978	(.7472)	.3073	(.1210)	DEC-1
2	2.6721	(1.0520)	64129912	1.8088	(.7121)	.3312	(.1304)	1.7796	(.7006)	.3322	(.1308)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.0719	(.4220)	59019900	.8065	(.3175)	.1498	(.0590)	.7852	(.3091)	.1538	(.0605)	JAN-1
2	1.2685	(.4994)	71011800	.8360	(.3292)	.1582	(.0623)	.8353	(.3289)	.1731	(.0682)	2
FEB-1	1.1689	(.4602)	63029900	.8107	(.3192)	.1576	(.0620)	.8036	(.3164)	.1446	(.0569)	FEB-1
2	1.1341	(.4465)	68022300	.7863	(.3096)	.1597	(.0629)	.7455	(.2935)	.1420	(.0559)	2
MAR-1	1.1788	(.4641)	72031200	.7613	(.2997)	.1366	(.0538)	.7598	(.2991)	.1396	(.0549)	MAR-1
2	1.0528	(.4145)	72031712	.8176	(.3219)	.0991	(.0390)	.8190	(.3224)	.1034	(.0407)	2
APR-1	1.1763	(.4631)	59049912	.8576	(.3376)	.1186	(.0467)	.8756	(.3447)	.1289	(.0508)	APR-1
2	1.1290	(.4445)	65041912	.8817	(.3471)	.1490	(.0587)	.8636	(.3400)	.1203	(.0474)	2
MAY-1	1.2329	(.4854)	66050912	1.0025	(.3947)	.1220	(.0480)	.9881	(.3890)	.1279	(.0504)	MAY-1
2	1.4641	(.5764)	57059900	1.1231	(.4422)	.1421	(.0560)	1.1115	(.4376)	.1268	(.0499)	2
JUN-1	1.6048	(.6318)	69060612	1.2228	(.4814)	.1983	(.0781)	1.2438	(.4897)	.1334	(.0525)	JUN-1
2	1.8412	(.7249)	48069900	1.2818	(.5046)	.2186	(.0861)	1.2862	(.5064)	.1864	(.0734)	2
JUL-1	1.6685	(.6569)	70070412	1.2495	(.4919)	.1683	(.0663)	1.3364	(.5262)	.1209	(.0476)	JUL-1
2	1.7493	(.6887)	48079900	1.2881	(.5071)	.2282	(.0899)	1.3571	(.5343)	.1763	(.0694)	2
AUG-1	2.5123	(.9891)	59089900	1.3296	(.5235)	.3420	(.1347)	1.3295	(.5234)	.1779	(.0700)	AUG-1
2	1.5786	(.6215)	58089912	1.2206	(.4806)	.1770	(.0697)	1.3013	(.5123)	.1360	(.0535)	2
SEP-1	1.5885	(.6254)	57099912	1.1848	(.4664)	.1682	(.0662)	1.2639	(.4976)	.1414	(.0557)	SEP-1
2	1.5408	(.6066)	70091812	1.1495	(.4526)	.1314	(.0517)	1.1845	(.4663)	.1455	(.0573)	2
OCT-1	1.3950	(.5492)	60109912	1.1302	(.4450)	.1587	(.0625)	1.1041	(.4347)	.1349	(.0531)	OCT-1
2	1.4727	(.5798)	59109900	1.0963	(.4316)	.1477	(.0582)	1.0749	(.4232)	.1158	(.0456)	2
NOV-1	1.3886	(.5467)	68110900	1.0163	(.4001)	.1717	(.0676)	.9696	(.3817)	.1603	(.0631)	NOV-1
2	1.2703	(.5001)	70112412	.9564	(.3765)	.1287	(.0507)	.9302	(.3662)	.1405	(.0553)	2
DEC-1	1.2972	(.5107)	58129900	.8789	(.3460)	.1408	(.0554)	.8731	(.3437)	.1443	(.0568)	DEC-1
2	1.2863	(.5064)	55129900	.8460	(.3331)	.1985	(.0782)	.8197	(.3227)	.1463	(.0576)	2

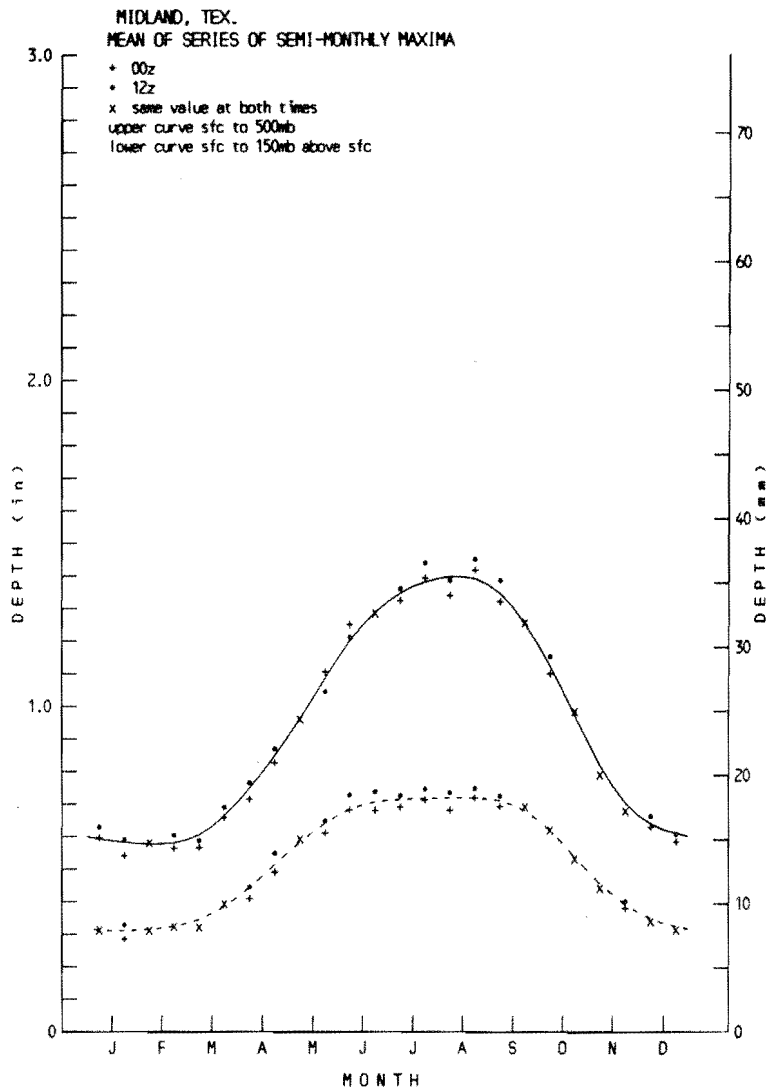

MIAMI, FLA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


MIAMI, FLA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

MIAMI, FLA. 27 YEARS OF RECORD

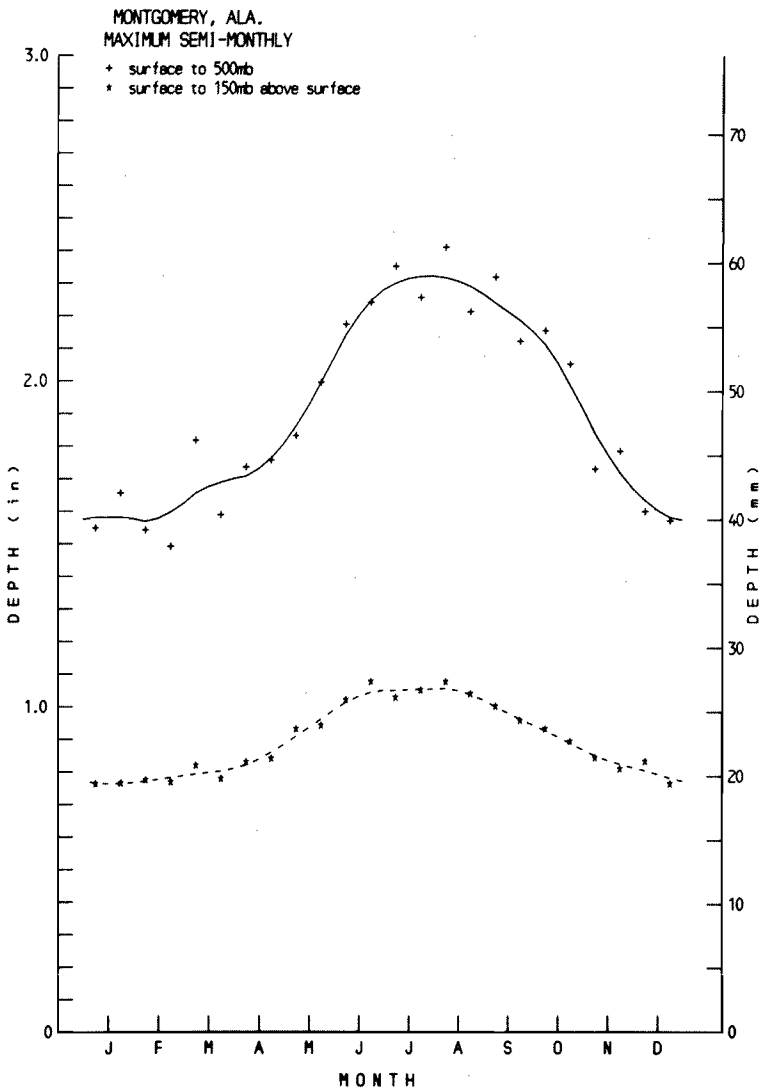
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	4.6721	(1.8394)	59010412	3.4310	(1.3508)	.6130	(.2414)	3.4204	(1.3466)	.5829	(.2295)	JAN-1
2	4.6459	(1.8291)	58012200	3.6700	(1.4449)	.4740	(.1866)	3.4398	(1.3543)	.4180	(.1646)	2
FEB-1	4.4442	(1.7497)	53021515	3.5691	(1.4052)	.4700	(.1850)	3.5306	(1.3900)	.4430	(.1744)	FEB-1
2	4.5446	(1.7892)	66021912	3.6116	(1.4219)	.4992	(.1965)	3.6349	(1.4311)	.5776	(.2274)	2
MAR-1	4.4272	(1.7430)	59030912	3.7546	(1.4782)	.4126	(.1624)	3.5948	(1.4153)	.4091	(.1611)	MAR-1
2	4.7450	(1.8681)	59032000	3.7558	(1.4787)	.3809	(.1500)	3.7943	(1.4938)	.4360	(.1717)	2
APR-1	5.3866	(2.1207)	72040100	3.9408	(1.5515)	.5545	(.2222)	3.9013	(1.5359)	.4545	(.1789)	APR-1
2	5.0952	(2.0060)	57041903	4.0055	(1.5770)	.4150	(.1634)	3.7205	(1.4648)	.4148	(.1633)	2
MAY-1	5.1996	(2.0471)	58050512	4.1629	(1.6389)	.3838	(.1511)	4.1157	(1.6203)	.5395	(.2124)	MAY-1
2	5.3350	(2.1004)	58052912	4.5094	(1.7754)	.3873	(.1525)	4.5171	(1.7784)	.4057	(.1597)	2
JUN-1	5.7716	(2.2723)	55061315	5.0198	(1.9763)	.3532	(.1390)	4.8647	(1.9152)	.3807	(.1499)	JUN-1
2	5.9784	(2.3537)	69061800	5.0139	(1.9740)	.3828	(.1507)	4.9669	(1.9555)	.3956	(.1558)	2
JUL-1	5.7711	(2.2721)	66070212	4.9096	(1.9329)	.2562	(.1009)	4.9122	(1.9339)	.3639	(.1433)	JUL-1
2	5.6497	(2.2243)	69072700	5.0043	(1.9702)	.3750	(.1476)	4.8998	(1.9291)	.2630	(.1035)	2
AUG-1	5.5423	(2.1820)	66080300	5.0272	(1.9792)	.2541	(.1000)	4.9506	(1.9491)	.3082	(.1213)	AUG-1
2	5.5209	(2.1736)	64082712	5.0957	(2.0062)	.1957	(.0771)	5.0295	(1.9801)	.2173	(.0855)	2
SEP-1	5.8405	(2.2994)	49091115	5.1405	(2.0238)	.2523	(.0993)	5.0867	(2.0026)	.2934	(.1155)	SEP-1
2	5.9944	(2.3600)	47091715	5.1484	(2.0269)	.2768	(.1090)	5.1115	(2.0124)	.3275	(.1289)	2
OCT-1	5.6685	(2.2317)	69100212	5.0219	(1.9771)	.3327	(.1310)	4.9965	(1.9671)	.3282	(.1292)	OCT-1
2	5.6309	(2.2169)	69102212	4.6569	(1.8334)	.4134	(.1628)	4.6498	(1.8306)	.4901	(.1930)	2
NOV-1	5.5733	(2.1942)	58110800	4.4164	(1.7388)	.5111	(.2012)	4.3515	(1.7132)	.4605	(.1813)	NOV-1
2	5.1359	(2.0220)	72112100	3.8624	(1.5206)	.6626	(.2609)	3.7874	(1.4911)	.6028	(.2373)	2
DEC-1	5.0241	(1.9780)	72121500	3.7643	(1.4820)	.5513	(.2171)	3.7462	(1.4749)	.5740	(.2260)	DEC-1
2	4.8087	(1.8932)	72121600	3.8423	(1.5127)	.5725	(.2254)	3.7449	(1.4744)	.4953	(.1950)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	2.1138	(.8322)	66010700	1.8317	(.7211)	.1905	(.0750)	1.8096	(.7124)	.2247	(.0885)	JAN-1
2	2.1722	(.8552)	58012412	1.8374	(.7234)	.1477	(.0582)	1.8117	(.7133)	.1692	(.0666)	2
FEB-1	2.1491	(.8461)	72020312	1.8077	(.7117)	.1510	(.0595)	1.8148	(.7145)	.1522	(.0599)	FEB-1
2	2.2151	(.8721)	46022803	1.8432	(.7257)	.1965	(.0774)	1.8444	(.7262)	.1976	(.0778)	2
MAR-1	2.2794	(.8974)	70031312	1.9221	(.7567)	.1519	(.0598)	1.9145	(.7538)	.1564	(.0616)	MAR-1
2	2.2070	(.8689)	72033112	1.9277	(.7589)	.1373	(.0540)	1.9388	(.7633)	.1614	(.0636)	2
APR-1	2.4534	(.9659)	72040100	2.0151	(.7933)	.1892	(.0745)	2.0029	(.7886)	.1381	(.0544)	APR-1
2	2.3340	(.9189)	69041912	1.9953	(.7856)	.1388	(.0547)	1.9651	(.7737)	.1474	(.0580)	2
MAY-1	2.3429	(.9224)	71050200	2.0630	(.8122)	.1726	(.0679)	2.0545	(.8089)	.1550	(.0610)	MAY-1
2	2.4272	(.9556)	68052400	2.1736	(.8557)	.1213	(.0478)	2.1733	(.8556)	.1235	(.0486)	2
JUN-1	2.5977	(1.0227)	57060812	2.3080	(.9087)	.1144	(.0450)	2.2900	(.9016)	.1289	(.0507)	JUN-1
2	2.6764	(1.0537)	72061912	2.3574	(.9281)	.1149	(.0452)	2.3373	(.9202)	.1369	(.0539)	2
JUL-1	2.5382	(.9993)	69071012	2.3527	(.9263)	.1020	(.0402)	2.3512	(.9257)	.0855	(.0337)	JUL-1
2	2.6530	(1.0445)	70073112	2.3912	(.9414)	.1125	(.0443)	2.3741	(.9347)	.1063	(.0418)	2
AUG-1	2.6050	(1.0256)	49081015	2.3973	(.9438)	.0935	(.0368)	2.3914	(.9415)	.0955	(.0376)	AUG-1
2	2.7148	(1.0688)	57082012	2.4053	(.9470)	.0675	(.0266)	2.4040	(.9465)	.1138	(.0448)	2
SEP-1	2.6708	(1.0515)	64091212	2.3894	(.9407)	.0863	(.0340)	2.4219	(.9535)	.1084	(.0427)	SEP-1
2	2.7612	(1.0871)	66092812	2.4277	(.9558)	.0889	(.0350)	2.4183	(.9521)	.1187	(.0467)	2
OCT-1	2.5408	(1.0003)	51100203	2.3537	(.9266)	.1053	(.0415)	2.3425	(.9223)	.1134	(.0446)	OCT-1
2	2.6261	(1.0339)	59102312	2.2168	(.8728)	.1423	(.0560)	2.2159	(.8724)	.1694	(.0667)	2
NOV-1	2.5585	(1.0073)	72111512	2.1297	(.8385)	.1834	(.0722)	2.1216	(.8353)	.1490	(.0587)	NOV-1
2	2.3924	(.9419)	72112100	1.9613	(.7722)	.2180	(.0858)	1.9718	(.7763)	.1872	(.0737)	2
DEC-1	2.3932	(.9422)	72121500	1.9137	(.7534)	.2075	(.0817)	1.8948	(.7460)	.2125	(.0837)	DEC-1
2	2.2939	(.9031)	72122200	1.8997	(.7479)	.2191	(.0862)	1.8908	(.7444)	.1778	(.0700)	2

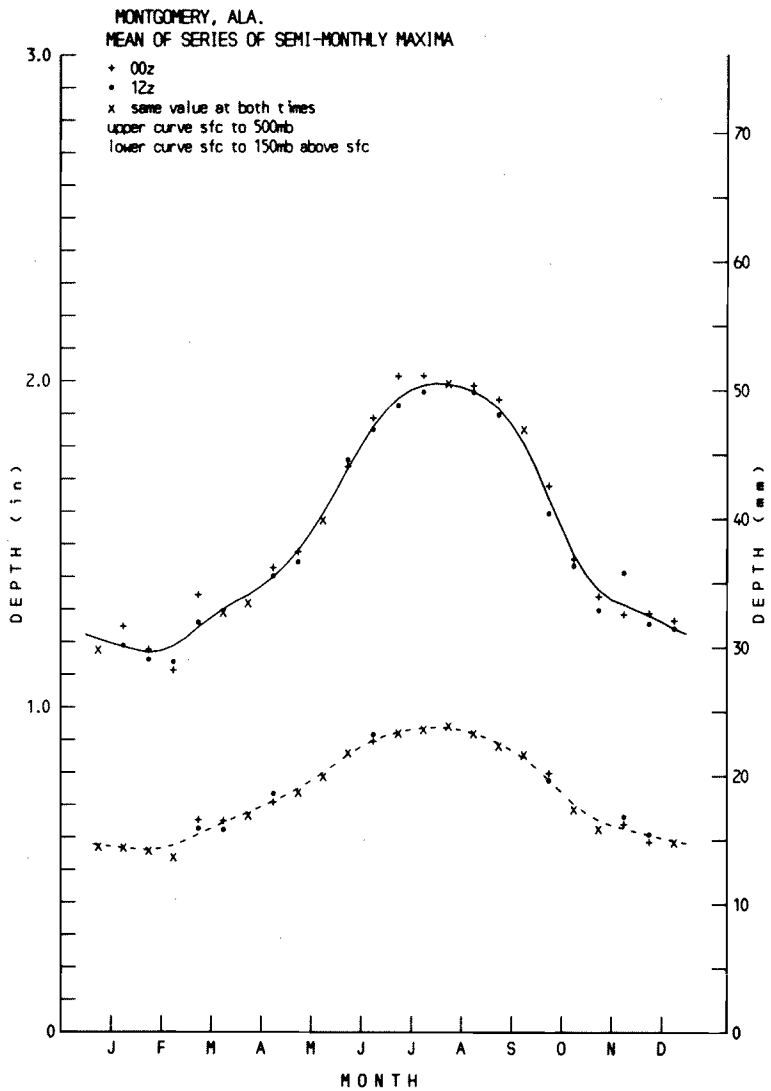

MIDLAND, TEX.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


MIDLAND, TEX.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

MIDLAND, TEX. 24 YEARS OF RECORD

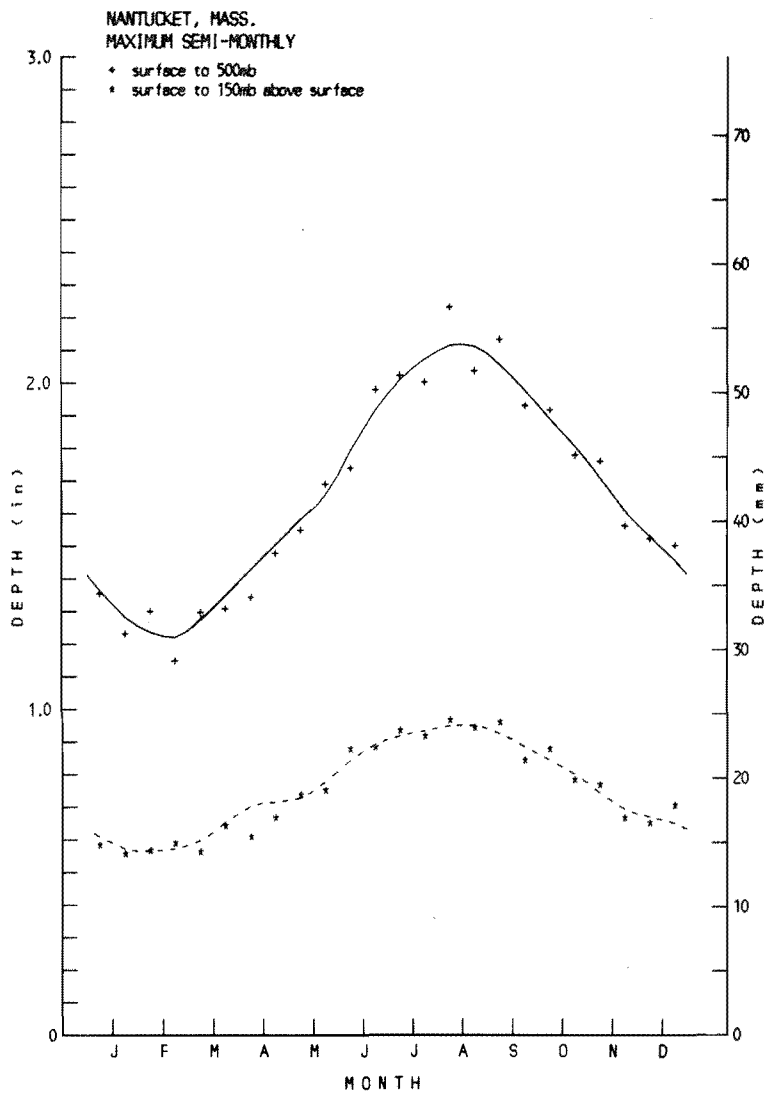
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.6853	(1.0572)	55019912	1.5101	(.5945)	.4235	(.1667)	1.5940	(.6276)	.5069	(.1996)	JAN-1
2	2.5301	(.9961)	61019912	1.3705	(.5396)	.3440	(.1354)	1.4967	(.5892)	.3769	(.1484)	2
FEB-1	2.4623	(.9694)	57029900	1.5022	(.5914)	.4030	(.1587)	1.4694	(.5785)	.3362	(.1324)	FEB-1
2	2.2195	(.8738)	50029912	1.4282	(.5623)	.3990	(.1571)	1.5306	(.6026)	.3607	(.1420)	2
MAR-1	2.3056	(.9077)	53039900	1.4324	(.5640)	.3726	(.1467)	1.4878	(.5858)	.4197	(.1652)	MAR-1
2	2.5601	(1.0079)	53039912	1.6687	(.6570)	.3459	(.1362)	1.7485	(.6884)	.3459	(.1362)	2
APR-1	2.7302	(1.0749)	69041112	1.8129	(.7137)	.4501	(.1772)	1.9396	(.7636)	.4124	(.1624)	APR-1
2	2.7219	(1.0716)	52049900	2.0959	(.8252)	.3601	(.1418)	2.2046	(.8680)	.2984	(.1175)	2
MAY-1	3.1102	(1.2245)	50059900	2.4406	(.9609)	.3131	(.1233)	2.4561	(.9670)	.3412	(.1343)	MAY-1
2	4.0914	(1.6108)	59059900	2.8038	(1.1038)	.4112	(.1619)	2.6515	(1.0439)	.2111	(.0831)	2
JUN-1	3.9695	(1.5628)	50069900	3.1731	(1.2493)	.3389	(.1334)	3.0743	(1.2103)	.3010	(.1185)	JUN-1
2	4.2702	(1.6812)	70063000	3.2724	(1.2883)	.4702	(.1851)	3.2785	(1.2907)	.4363	(.1718)	2
JUL-1	3.9654	(1.5612)	70071400	3.3599	(1.3228)	.4476	(.1762)	3.4539	(1.3598)	.2783	(.1096)	JUL-1
2	4.0703	(1.6025)	55079912	3.5366	(1.3924)	.2844	(.1120)	3.6528	(1.4381)	.2727	(.1073)	2
AUG-1	3.9771	(1.5658)	71081512	3.4011	(1.3390)	.3231	(.1272)	3.5183	(1.3852)	.2355	(.0927)	AUG-1
2	4.2111	(1.6579)	58089912	3.5969	(1.4161)	.2922	(.1151)	3.6821	(1.4497)	.2944	(.1159)	2
SEP-1	4.0930	(1.6114)	70091512	3.3513	(1.3194)	.4198	(.1653)	3.5164	(1.3844)	.3913	(.1540)	SEP-1
2	4.1168	(1.6208)	58099900	3.2211	(1.2681)	.4933	(.1942)	3.1859	(1.2543)	.4639	(.1826)	2
OCT-1	3.8402	(1.5119)	55109900	2.7909	(1.0988)	.5840	(.2299)	2.9250	(1.1516)	.5511	(.2170)	OCT-1
2	3.3152	(1.3052)	53109912	2.4951	(.9823)	.5518	(.2173)	2.5216	(.9927)	.5715	(.2250)	2
NOV-1	3.2238	(1.2692)	59119900	2.0262	(.7977)	.5489	(.2161)	2.0047	(.7893)	.5508	(.2168)	NOV-1
2	2.5286	(.9955)	62119912	1.7155	(.6754)	.3744	(.1474)	1.7437	(.6865)	.5006	(.1971)	2
DEC-1	2.3655	(.9313)	51129912	1.5931	(.6272)	.2435	(.0959)	1.6784	(.6608)	.4294	(.1691)	DEC-1
2	2.4054	(.9470)	49129912	1.4773	(.5816)	.3505	(.1380)	1.5375	(.6053)	.3271	(.1288)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.4178	(.5582)	55019912	.7872	(.3099)	.2480	(.0976)	.8192	(.3225)	.2823	(.1112)	JAN-1
2	1.1773	(.4635)	61019912	.7201	(.2835)	.1939	(.0763)	.8300	(.3268)	.2065	(.0813)	2
FEB-1	1.4379	(.5661)	57029900	.7838	(.3086)	.2233	(.0879)	.8183	(.3222)	.2222	(.0875)	FEB-1
2	1.4653	(.5769)	51029900	.8293	(.3265)	.2327	(.0916)	.8343	(.3285)	.2087	(.0822)	2
MAR-1	1.2344	(.4860)	51039912	.8194	(.3226)	.2207	(.0869)	.8292	(.3264)	.2329	(.0917)	MAR-1
2	1.5062	(.5930)	53039900	.9892	(.3894)	.2253	(.0887)	1.0277	(.4046)	.1921	(.0756)	2
APR-1	1.5806	(.6223)	54049912	1.0353	(.4076)	.2194	(.0864)	1.1265	(.4435)	.2514	(.0990)	APR-1
2	1.7115	(.6738)	63049912	1.2422	(.4890)	.1534	(.0604)	1.3914	(.5478)	.2120	(.0835)	2
MAY-1	1.9647	(.7735)	50059900	1.4960	(.5890)	.2331	(.0918)	1.5335	(.6038)	.2297	(.0904)	MAY-1
2	2.0058	(.7897)	57059912	1.5472	(.6091)	.2000	(.0787)	1.6421	(.6465)	.1328	(.0523)	2
JUN-1	2.2339	(.8795)	67061212	1.7278	(.6802)	.1468	(.0578)	1.8447	(.7262)	.1439	(.0566)	JUN-1
2	2.1181	(.8339)	59069912	1.7238	(.6787)	.2020	(.0795)	1.8708	(.7365)	.1443	(.0568)	2
JUL-1	2.1087	(.8302)	58079900	1.7515	(.6896)	.1877	(.0739)	1.8414	(.7250)	.1516	(.0597)	JUL-1
2	2.1410	(.8429)	53079900	1.8068	(.7113)	.1901	(.0748)	1.8915	(.7447)	.1224	(.0482)	2
AUG-1	2.1087	(.8302)	49089912	1.7259	(.6795)	.1510	(.0594)	1.8636	(.7337)	.1340	(.0528)	AUG-1
2	2.2309	(.8783)	64089912	1.8241	(.7181)	.1650	(.0650)	1.8960	(.7465)	.1454	(.0572)	2
SEP-1	2.1151	(.8327)	72090500	1.7536	(.6904)	.1914	(.0753)	1.8362	(.7229)	.1201	(.0473)	SEP-1
2	2.1689	(.8539)	57099900	1.7705	(.6970)	.2130	(.0839)	1.7640	(.6945)	.2118	(.0834)	2
OCT-1	2.0437	(.8046)	54109912	1.5721	(.6190)	.2953	(.1163)	1.5998	(.6298)	.2678	(.1054)	OCT-1
2	1.8783	(.7395)	53109912	1.3450	(.5295)	.3052	(.1201)	1.3727	(.5404)	.3073	(.1210)	2
NOV-1	1.7615	(.6935)	59119900	1.1282	(.4442)	.2881	(.1134)	1.1365	(.4474)	.2819	(.1110)	NOV-1
2	1.5316	(.6030)	62119912	.9595	(.3777)	.2326	(.0916)	1.0119	(.3984)	.2628	(.1035)	2
DEC-1	1.2093	(.4761)	69120412	.8555	(.3368)	.1560	(.0614)	.8838	(.3480)	.2012	(.0792)	DEC-1
2	1.1737	(.4621)	49129912	.7797	(.3070)	.1476	(.0581)	.8263	(.3253)	.1598	(.0629)	2

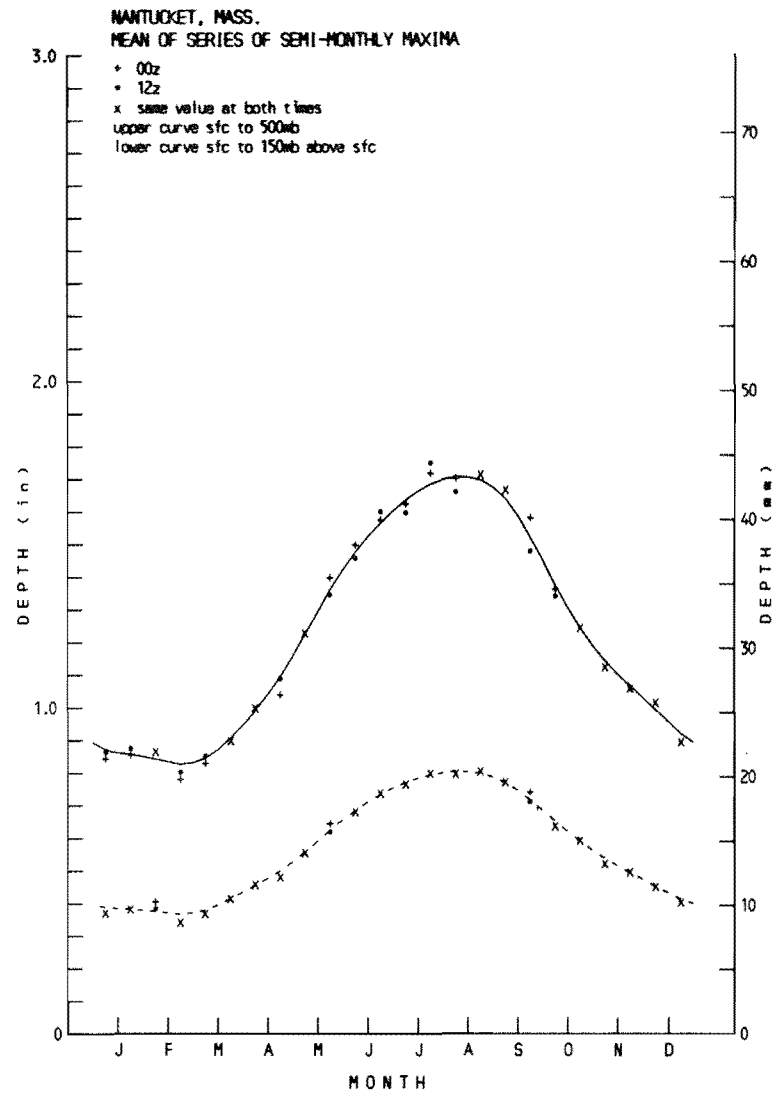

MONTGOMERY, ALA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


MONTGOMERY, ALA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

MONTGOMERY, ALA. 24 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.9294	(1.5470)	49019912	3.0124	(1.1860)	.5975	(.2352)	2.9793	(1.1729)	.5693	(.2241)	JAN-1
2	4.2019	(1.6543)	54019900	3.1651	(1.2461)	.5638	(.2220)	3.0154	(1.1872)	.5115	(.2014)	2
FEB-1	3.9144	(1.5411)	59029900	2.9849	(1.1752)	.5377	(.2117)	2.9066	(1.1443)	.4310	(.1697)	FEB-1
2	3.7866	(1.4908)	61029912	2.8229	(1.1114)	.6276	(.2471)	2.8888	(1.1373)	.5153	(.2029)	2
MAR-1	4.6137	(1.8164)	64039900	3.4095	(1.3423)	.6027	(.2373)	3.1967	(1.2586)	.4228	(.1665)	MAR-1
2	4.0330	(1.5878)	61039900	3.3078	(1.3023)	.3584	(.1411)	3.2630	(1.2847)	.4084	(.1608)	2
APR-1	4.4051	(1.7343)	53049900	3.3414	(1.3155)	.5130	(.2020)	3.3778	(1.3298)	.4012	(.1580)	APR-1
2	4.4597	(1.7558)	53049900	3.6210	(1.4256)	.3845	(.1514)	3.5570	(1.4004)	.4407	(.1735)	2
MAY-1	4.6502	(1.8308)	53059900	3.7449	(1.4744)	.4808	(.1893)	3.6660	(1.4433)	.4394	(.1730)	MAY-1
2	5.0650	(1.9941)	59059900	4.0276	(1.5857)	.4027	(.1585)	3.9817	(1.5676)	.4669	(.1838)	2
JUN-1	5.5192	(2.1729)	58069912	4.4075	(1.7352)	.4230	(.1665)	4.4597	(1.7558)	.4653	(.1832)	JUN-1
2	5.6904	(2.2403)	53069900	4.7840	(1.8835)	.4178	(.1645)	4.6955	(1.8486)	.3240	(.1275)	2
JUL-1	5.9713	(2.3509)	65071100	5.1107	(2.0121)	.3222	(.1268)	4.8809	(1.9216)	.3157	(.1243)	JUL-1
2	5.7282	(2.2552)	66072100	5.1132	(2.0131)	.3225	(.1270)	4.9873	(1.9635)	.2758	(.1086)	2
AUG-1	6.1199	(2.4094)	52089912	5.0909	(2.0043)	.3197	(.1259)	5.0432	(1.9855)	.4152	(.1635)	AUG-1
2	5.6180	(2.2118)	52089900	5.0371	(1.9831)	.2761	(.1087)	4.9859	(1.9629)	.3355	(.1321)	2
SEP-1	5.8877	(2.3180)	64099900	4.9283	(1.9403)	.4062	(.1599)	4.8097	(1.8936)	.2658	(.1046)	SEP-1
2	5.3871	(2.1209)	65093012	4.7135	(1.8557)	.3914	(.1541)	4.7047	(1.8522)	.3387	(.1334)	2
OCT-1	5.4704	(2.1537)	55109900	4.2556	(1.6754)	.7732	(.3044)	4.0432	(1.5918)	.6505	(.2561)	OCT-1
2	5.2088	(2.0507)	66101600	3.6861	(1.4512)	.7302	(.2875)	3.6340	(1.4307)	.6369	(.2507)	2
NOV-1	4.3917	(1.7290)	71110300	3.3943	(1.3363)	.5472	(.2154)	3.2885	(1.2947)	.5633	(.2218)	NOV-1
2	4.5298	(1.7834)	55119912	3.2552	(1.2816)	.5327	(.2097)	3.5782	(1.4087)	.5645	(.2222)	2
DEC-1	4.0617	(1.5991)	67121500	3.2616	(1.2841)	.6011	(.2367)	3.1814	(1.2525)	.5620	(.2213)	DEC-1
2	3.9875	(1.5699)	71121600	3.2054	(1.2620)	.6120	(.2409)	3.1439	(1.2378)	.5542	(.2182)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.9355	(.7620)	49019912	1.4763	(.5812)	.2306	(.0908)	1.4425	(.5679)	.2646	(.1042)	JAN-1
2	1.9413	(.7643)	59019912	1.4615	(.5754)	.2972	(.1170)	1.4423	(.5678)	.2901	(.1142)	2
FEB-1	1.9655	(.7738)	59029900	1.4194	(.5588)	.2635	(.1038)	1.4359	(.5653)	.2162	(.0851)	FEB-1
2	1.9500	(.7677)	56029900	1.3671	(.5382)	.3361	(.1323)	1.3894	(.5470)	.3187	(.1255)	2
MAR-1	2.0790	(.8185)	67030700	1.6562	(.6521)	.2509	(.0988)	1.5890	(.6256)	.2569	(.1011)	MAR-1
2	1.9764	(.7781)	54039900	1.6488	(.6491)	.1724	(.0679)	1.5787	(.6215)	.2200	(.0866)	2
APR-1	2.1064	(.8293)	63049900	1.7028	(.6704)	.2329	(.0917)	1.7046	(.6711)	.2065	(.0813)	APR-1
2	2.1346	(.8404)	71042800	1.7944	(.7065)	.1762	(.0694)	1.8617	(.7329)	.1531	(.0603)	2
MAY-1	2.3647	(.9310)	53059900	1.9056	(.7502)	.1848	(.0728)	1.8630	(.7334)	.1849	(.0728)	MAY-1
2	2.3922	(.9418)	53059912	2.0122	(.7922)	.1845	(.0727)	2.0022	(.7883)	.1627	(.0641)	2
JUN-1	2.5931	(1.0209)	53069912	2.1972	(.8650)	.2021	(.0796)	2.1867	(.8609)	.1925	(.0758)	JUN-1
2	2.7348	(1.0767)	72062812	2.2687	(.8932)	.1334	(.0525)	2.3209	(.9137)	.1732	(.0682)	2
JUL-1	2.6106	(1.0278)	53079912	2.3526	(.9262)	.1201	(.0473)	2.3376	(.9203)	.1157	(.0455)	JUL-1
2	2.6695	(1.0510)	56079900	2.3840	(.9386)	.1231	(.0485)	2.3648	(.9310)	.0962	(.0379)	2
AUG-1	2.7335	(1.0762)	52089912	2.4186	(.9522)	.1090	(.0429)	2.3855	(.9392)	.1689	(.0665)	AUG-1
2	2.6403	(1.0395)	52089900	2.3515	(.9258)	.1161	(.0457)	2.3336	(.9188)	.1098	(.0432)	2
SEP-1	2.5436	(1.0014)	70090512	2.2687	(.8932)	.1689	(.0665)	2.2230	(.8752)	.1260	(.0496)	SEP-1
2	2.4318	(.9574)	70091712	2.1622	(.8512)	.1405	(.0553)	2.1902	(.8623)	.1379	(.0543)	2
OCT-1	2.3668	(.9318)	64109900	2.0201	(.7953)	.2312	(.0910)	1.9621	(.7725)	.2159	(.0850)	OCT-1
2	2.2700	(.8937)	66101600	1.7569	(.6917)	.2294	(.0903)	1.7433	(.6863)	.2043	(.0804)	2
NOV-1	2.1427	(.8436)	72110312	1.6087	(.6333)	.2503	(.0985)	1.5854	(.6242)	.3026	(.1191)	NOV-1
2	2.0559	(.8094)	57119912	1.6195	(.6376)	.2294	(.0903)	1.6783	(.6608)	.1989	(.0783)	2
DEC-1	2.1145	(.8325)	51129912	1.4816	(.5833)	.2886	(.1136)	1.5402	(.6064)	.2913	(.1147)	DEC-1
2	1.9390	(.7634)	61129900	1.5008	(.5909)	.2905	(.1144)	1.4826	(.5837)	.2745	(.1081)	2


NANTUCKET, MASS.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


NANTUCKET, MASS.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
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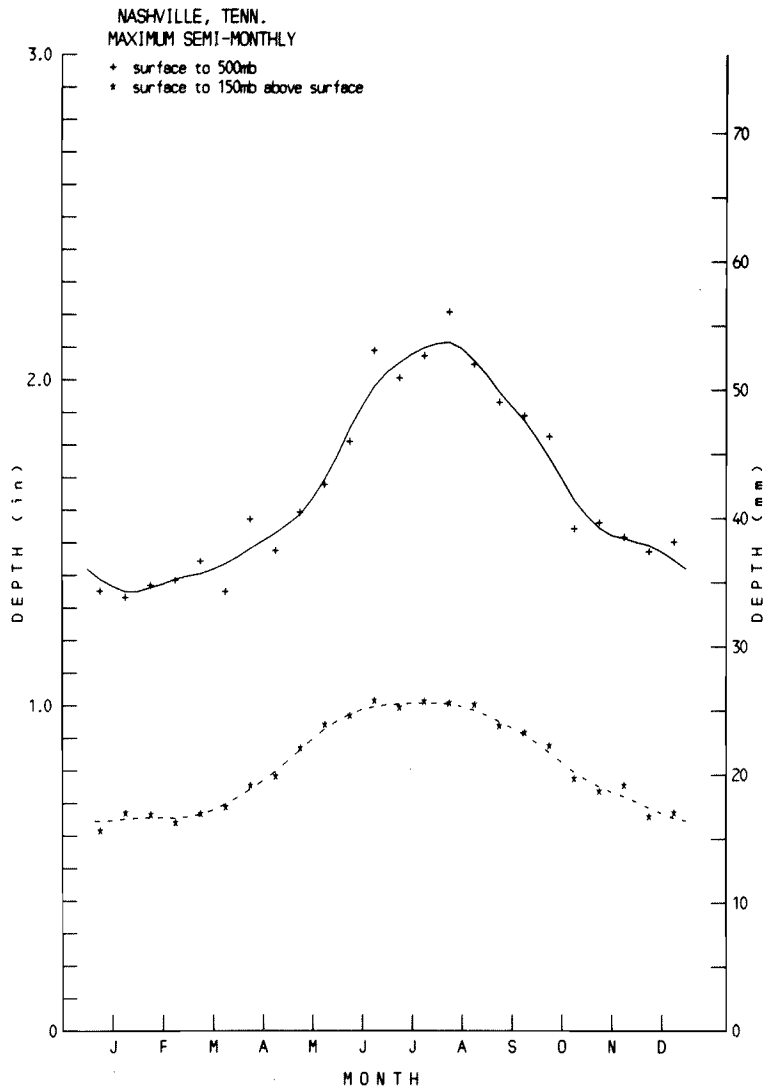
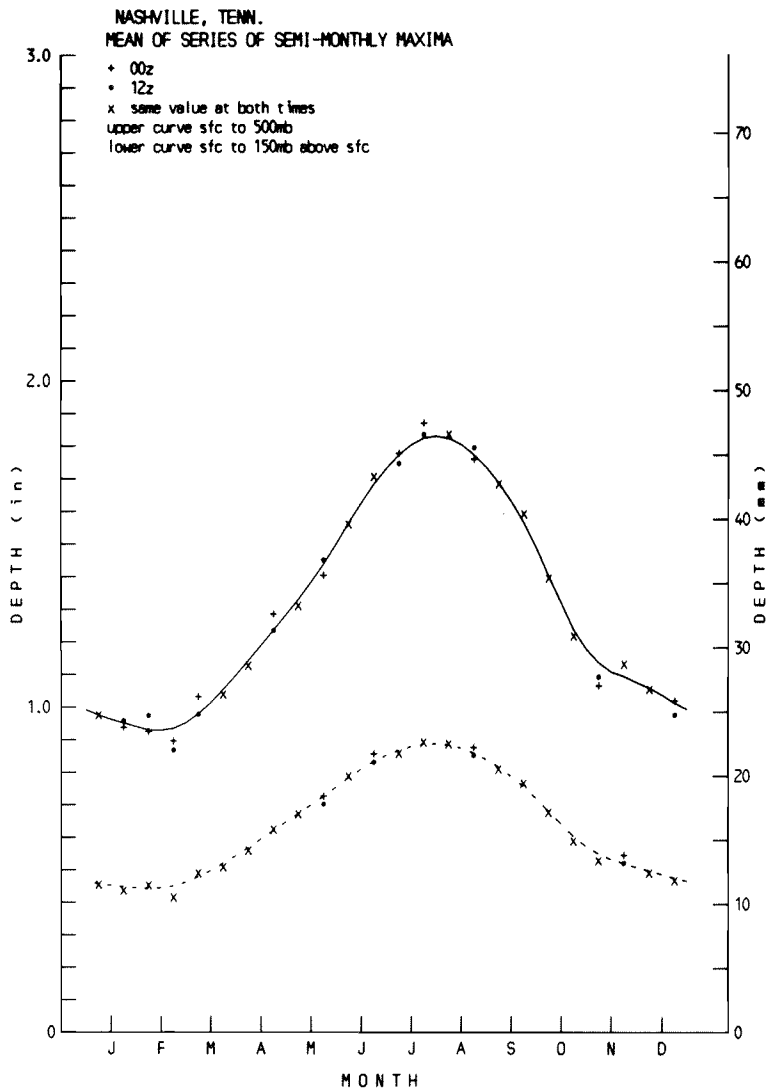
70

NANTUCKET, MASS. 27 YEARS OF RECORD

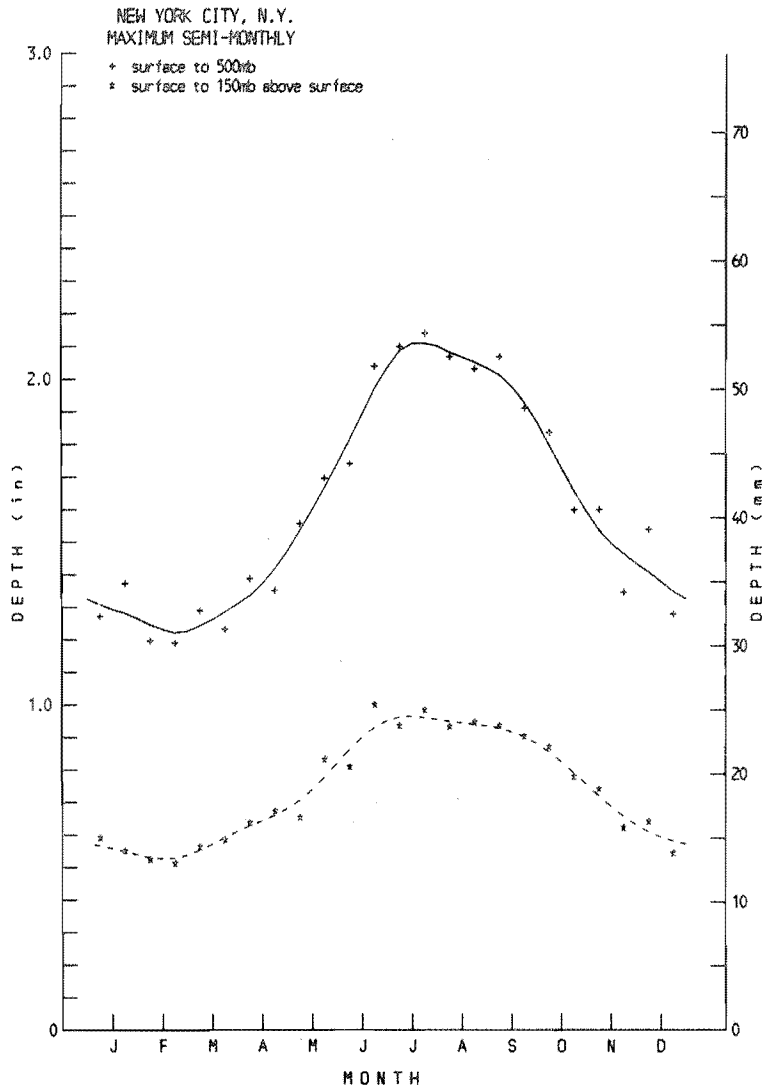
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.4381	(1.3536)	50011415	2.1401	(.8426)	.6371	(.2508)	2.1928	(.8633)	.5599	(.2205)	JAN-1
2	3.1247	(1.2302)	59012212	2.1684	(.8537)	.5609	(.2208)	2.2194	(.8738)	.4480	(.1764)	2
FEB-1	3.3002	(1.2993)	51020203	2.2134	(.8714)	.5593	(.2202)	2.2011	(.8666)	.5687	(.2239)	FEB-1
2	2.9152	(1.1477)	53022115	1.9784	(.7789)	.4666	(.1837)	2.0348	(.8011)	.5383	(.2119)	2
MAR-1	3.2926	(1.2963)	53030415	2.1034	(.8281)	.4241	(.1670)	2.1596	(.8502)	.5781	(.2276)	MAR-1
2	3.3216	(1.3077)	54032603	2.2961	(.9040)	.4956	(.1951)	2.2882	(.9009)	.4887	(.1924)	2
APR-1	3.3993	(1.3383)	60040412	2.5599	(1.0078)	.5719	(.2252)	2.5378	(.9991)	.7007	(.2759)	APR-1
2	3.7534	(1.4777)	54041715	2.6366	(1.0380)	.4504	(.1773)	2.7613	(1.0871)	.4341	(.1709)	2
MAY-1	3.9314	(1.5478)	64050912	3.1096	(1.2243)	.2945	(.1160)	3.1526	(1.2412)	.3909	(.1539)	MAY-1
2	4.2893	(1.6887)	72052100	3.5473	(1.3966)	.4240	(.1669)	3.4163	(1.3450)	.3666	(.1443)	2
JUN-1	4.4130	(1.7374)	56060403	3.8025	(1.4971)	.3523	(.1387)	3.6995	(1.4565)	.3017	(.1188)	JUN-1
2	5.0203	(1.9765)	52062703	3.9959	(1.5732)	.5317	(.2093)	4.0624	(1.5994)	.4549	(.1791)	2
JUL-1	5.1331	(2.0209)	55071115	4.1212	(1.6225)	.3821	(.1504)	4.0540	(1.5961)	.5564	(.2190)	JUL-1
2	5.0800	(2.0000)	49071803	4.3591	(1.7162)	.4305	(.1695)	4.4405	(1.7482)	.4064	(.1600)	2
AUG-1	5.6657	(2.2306)	51081303	4.3202	(1.7009)	.6046	(.2380)	4.2150	(1.6595)	.3972	(.1564)	AUG-1
2	5.1684	(2.0348)	66082400	4.3682	(1.7197)	.3731	(.1469)	4.3548	(1.7145)	.4394	(.1730)	2
SEP-1	5.4138	(2.1314)	47091503	4.2617	(1.6778)	.3947	(.1554)	4.2265	(1.6640)	.4384	(.1726)	SEP-1
2	4.8981	(1.9284)	67093000	4.0111	(1.5792)	.4791	(.1886)	3.7547	(1.4782)	.5401	(.2126)	2
OCT-1	4.8644	(1.9151)	54100115	3.4603	(1.3623)	.6001	(.2363)	3.4032	(1.3398)	.7387	(.2908)	OCT-1
2	4.5128	(1.7767)	68102000	3.1721	(1.2489)	.5652	(.2225)	3.1718	(1.2487)	.4685	(.1844)	2
NOV-1	4.4646	(1.7577)	48111103	2.8886	(1.1372)	.7052	(.2776)	2.8435	(1.1195)	.6609	(.2602)	NOV-1
2	3.9637	(1.5605)	48112003	2.6879	(1.0582)	.5847	(.2302)	2.7103	(1.0671)	.4552	(.1792)	2
DEC-1	3.8638	(1.5212)	67121212	2.5732	(1.0131)	.4886	(.1924)	2.6035	(1.0250)	.5355	(.2108)	DEC-1
2	3.8075	(1.4990)	64122700	2.2747	(.8956)	.5214	(.2053)	2.2835	(.8990)	.4773	(.1879)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.4798	(.5826)	50010703	.9352	(.3682)	.2664	(.1049)	.9732	(.3831)	.2292	(.0902)	JAN-1
2	1.4117	(.5558)	47012015	.9808	(.3861)	.2401	(.0945)	.9830	(.3870)	.2513	(.0989)	2
FEB-1	1.4387	(.5664)	48021415	1.0244	(.4033)	.2153	(.0848)	.9706	(.3821)	.2443	(.0962)	FEB-1
2	1.4945	(.5884)	61022600	.8804	(.3466)	.2432	(.0957)	.8734	(.3439)	.2113	(.0832)	2
MAR-1	1.4270	(.5618)	66030600	.9540	(.3756)	.2326	(.0916)	.9384	(.3695)	.2634	(.1037)	MAR-1
2	1.6307	(.6420)	55032303	1.0766	(.4238)	.2761	(.1087)	1.0477	(.4125)	.2511	(.0988)	2
APR-1	1.5385	(.6057)	57040603	1.1958	(.4708)	.2421	(.0953)	1.1506	(.4530)	.3078	(.1212)	APR-1
2	1.6929	(.6665)	54041715	1.2153	(.4784)	.2403	(.0946)	1.2445	(.4900)	.2104	(.0828)	2
MAY-1	1.8720	(.7370)	50050615	1.4084	(.5545)	.1627	(.0641)	1.4316	(.5636)	.1849	(.0728)	MAY-1
2	1.9073	(.7509)	59052100	1.6335	(.6431)	.1449	(.0570)	1.5703	(.6182)	.1278	(.0503)	2
JUN-1	2.2258	(.8763)	64061100	1.7576	(.6920)	.1709	(.0673)	1.7237	(.6786)	.1425	(.0561)	JUN-1
2	2.2390	(.8815)	49062203	1.8943	(.7458)	.2199	(.0866)	1.8750	(.7382)	.1900	(.0748)	2
JUL-1	2.3713	(.9336)	59070212	1.9652	(.7737)	.1198	(.0472)	1.9484	(.7671)	.1769	(.0696)	JUL-1
2	2.3266	(.9160)	51072303	2.0529	(.8082)	.1423	(.0560)	2.0261	(.7977)	.1771	(.0697)	2
AUG-1	2.4516	(.9652)	55080603	2.0451	(.8052)	.2100	(.0827)	2.0295	(.7990)	.1501	(.0591)	AUG-1
2	2.3934	(.9423)	47081615	2.0589	(.8106)	.1366	(.0538)	2.0537	(.8085)	.1749	(.0689)	2
SEP-1	2.4356	(.9589)	59090412	1.9894	(.7832)	.1738	(.0684)	1.9552	(.7697)	.1964	(.0773)	SEP-1
2	2.1405	(.8427)	67093000	1.8793	(.7399)	.1760	(.0693)	1.8057	(.7109)	.1989	(.0783)	2
OCT-1	2.2258	(.8763)	49101115	1.6379	(.6448)	.2116	(.0833)	1.6192	(.6375)	.2951	(.1162)	OCT-1
2	1.9868	(.7822)	54101603	1.5326	(.6034)	.2330	(.0917)	1.5038	(.5920)	.2029	(.0799)	2
NOV-1	1.9489	(.7673)	48111103	1.3263	(.5222)	.3220	(.1268)	1.3456	(.5298)	.2711	(.1067)	NOV-1
2	1.6904	(.6655)	48112015	1.2937	(.5093)	.2649	(.1043)	1.2447	(.4901)	.2390	(.0941)	2
DEC-1	1.6520	(.6504)	67121212	1.1609	(.4570)	.2123	(.0836)	1.1529	(.4539)	.2219	(.0874)	DEC-1
2	1.7866	(.7034)	64122700	1.0316	(.4061)	.2640	(.1039)	1.0328	(.4066)	.2366	(.0932)	2


NASHVILLE, TENN.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


NASHVILLE, TENN.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

NASHVILLE, TENN. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.4295	(1.3502)	66010212	2.4689	(.9720)	.5383	(.2119)	2.5071	(.9871)	.5926	(.2333)	JAN-1
2	3.3800	(1.3307)	50019912	2.3783	(.9363)	.6481	(.2552)	2.4302	(.9568)	.5282	(.2079)	2
FEB-1	3.4747	(1.3680)	59029900	2.3443	(.9230)	.5606	(.2207)	2.4699	(.9724)	.5118	(.2015)	FEB-1
2	3.5141	(1.3835)	53029900	2.2712	(.8942)	.6844	(.2695)	2.2005	(.8663)	.5470	(.2154)	2
MAR-1	3.6627	(1.4420)	64039900	2.6166	(1.0302)	.5585	(.2199)	2.4788	(.9759)	.5150	(.2027)	MAR-1
2	3.4275	(1.3494)	68032112	2.6502	(1.0434)	.3907	(.1538)	2.6462	(1.0418)	.4874	(.1919)	2
APR-1	3.9903	(1.5710)	46049912	2.8803	(1.1340)	.4702	(.1851)	2.8665	(1.1285)	.5129	(.2019)	APR-1
2	3.7460	(1.4748)	66043012	3.2597	(1.2833)	.2773	(.1092)	3.1313	(1.2328)	.3176	(.1251)	2
MAY-1	4.0437	(1.5920)	67051312	3.3235	(1.3084)	.3543	(.1395)	3.3551	(1.3209)	.3116	(.1227)	MAY-1
2	4.2603	(1.6773)	46059912	3.5609	(1.4019)	.3737	(.1471)	3.6819	(1.4496)	.3197	(.1258)	2
JUN-1	4.5951	(1.8091)	52069900	3.9526	(1.5561)	.3855	(.1518)	3.9929	(1.5720)	.4251	(.1674)	JUN-1
2	5.3050	(2.0886)	53069900	4.3350	(1.7067)	.4797	(.1889)	4.3526	(1.7136)	.4449	(.1752)	2
JUL-1	5.0904	(2.0041)	46079912	4.5107	(1.7759)	.3542	(.1395)	4.4316	(1.7447)	.3412	(.1343)	JUL-1
2	5.2626	(2.0719)	72071900	4.7456	(1.8683)	.3042	(.1198)	4.6574	(1.8336)	.3038	(.1196)	2
AUG-1	5.6037	(2.2062)	56089912	4.6809	(1.8429)	.3839	(.1511)	4.6639	(1.8362)	.4799	(.1889)	AUG-1
2	5.1984	(2.0466)	69081912	4.4655	(1.7581)	.3418	(.1346)	4.5545	(1.7931)	.3001	(.1181)	2
SEP-1	4.9014	(1.9297)	66090412	4.2794	(1.6848)	.4456	(.1754)	4.2947	(1.6908)	.4228	(.1664)	SEP-1
2	4.7970	(1.8886)	57099900	4.0400	(1.5906)	.4528	(.1783)	4.0659	(1.6007)	.3997	(.1574)	2
OCT-1	4.6342	(1.8245)	54109900	3.5644	(1.4033)	.5597	(.2204)	3.5422	(1.3946)	.5852	(.2304)	OCT-1
2	3.9162	(1.5418)	72103112	3.1144	(1.2262)	.5546	(.2184)	3.0907	(1.2168)	.6028	(.2373)	2
NOV-1	3.9632	(1.5603)	72110212	2.7005	(1.0632)	.6081	(.2394)	2.7702	(1.0906)	.6006	(.2364)	NOV-1
2	3.8499	(1.5157)	64119900	2.9058	(1.1440)	.4277	(.1684)	2.8593	(1.1257)	.4713	(.1856)	2
DEC-1	3.7379	(1.4716)	48129900	2.6754	(1.0533)	.5850	(.2303)	2.6973	(1.0619)	.4724	(.1860)	DEC-1
2	3.8133	(1.5013)	67122200	2.5819	(1.0165)	.6239	(.2456)	2.4729	(.9736)	.5852	(.2304)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.5601	(.6142)	47019912	1.1563	(.4553)	.2729	(.1075)	1.1740	(.4622)	.3231	(.1272)	JAN-1
2	1.6977	(.6684)	57019900	1.1246	(.4428)	.3476	(.1368)	1.1121	(.4378)	.3087	(.1215)	2
FEB-1	1.6848	(.6633)	59029912	1.1657	(.4589)	.2216	(.0873)	1.1530	(.4539)	.2558	(.1007)	FEB-1
2	1.6218	(.6385)	53029900	1.0535	(.4148)	.3393	(.1336)	1.0736	(.4227)	.2923	(.1151)	2
MAR-1	1.6921	(.6662)	56039912	1.2609	(.4964)	.2904	(.1144)	1.2461	(.4906)	.2916	(.1148)	MAR-1
2	1.7442	(.6867)	48039900	1.2965	(.5104)	.2624	(.1033)	1.3089	(.5153)	.2379	(.0937)	2
APR-1	1.9126	(.7530)	46049912	1.4380	(.5661)	.2248	(.0885)	1.4263	(.5615)	.2423	(.0954)	APR-1
2	1.9858	(.7818)	58049912	1.5979	(.6291)	.1460	(.0575)	1.5918	(.6267)	.1723	(.0678)	2
MAY-1	2.2057	(.8684)	67051200	1.7312	(.6816)	.1974	(.0777)	1.6992	(.6690)	.1652	(.0651)	MAY-1
2	2.3904	(.9411)	53059900	1.8411	(.7249)	.1878	(.0739)	1.7775	(.6998)	.1505	(.0592)	2
JUN-1	2.4602	(.9686)	52069900	2.0172	(.7942)	.1842	(.0725)	2.0059	(.7897)	.1697	(.0668)	JUN-1
2	2.5786	(1.0152)	52069900	2.1709	(.8547)	.2325	(.0915)	2.1057	(.8290)	.1682	(.0662)	2
JUL-1	2.5245	(.9939)	69070900	2.2080	(.8693)	.1721	(.0678)	2.1695	(.8541)	.1273	(.0501)	JUL-1
2	2.5718	(1.0125)	48079900	2.2937	(.9030)	.1312	(.0517)	2.2582	(.8891)	.1230	(.0484)	2
AUG-1	2.5596	(1.0077)	51089912	2.2765	(.8963)	.1633	(.0643)	2.2510	(.8862)	.1482	(.0584)	AUG-1
2	2.5474	(1.0029)	51089900	2.2220	(.8748)	.1832	(.0721)	2.1598	(.8503)	.1453	(.0572)	2
SEP-1	2.3815	(.9376)	61099900	2.0833	(.8202)	.1786	(.0703)	2.0493	(.8068)	.1746	(.0688)	SEP-1
2	2.3279	(.9165)	70092012	1.9513	(.7682)	.1916	(.0754)	1.9587	(.7711)	.1982	(.0780)	2
OCT-1	2.2263	(.8765)	54109912	1.7438	(.6865)	.2794	(.1100)	1.7114	(.6738)	.2715	(.1069)	OCT-1
2	1.9685	(.7750)	69102012	1.5071	(.5933)	.2448	(.0964)	1.5022	(.5914)	.2613	(.1029)	2
NOV-1	1.8692	(.7359)	55119900	1.3482	(.5308)	.3015	(.1187)	1.3551	(.5335)	.2968	(.1168)	NOV-1
2	1.9154	(.7541)	58119912	1.3809	(.5437)	.2029	(.0799)	1.3183	(.5190)	.2487	(.0979)	2
DEC-1	1.6718	(.6582)	51129912	1.2499	(.4921)	.2562	(.1009)	1.2575	(.4951)	.2571	(.1012)	DEC-1
2	1.7005	(.6695)	46129900	1.1995	(.4722)	.2774	(.1092)	1.1889	(.4681)	.2359	(.0929)	2


NEW YORK CITY, N.Y.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
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70
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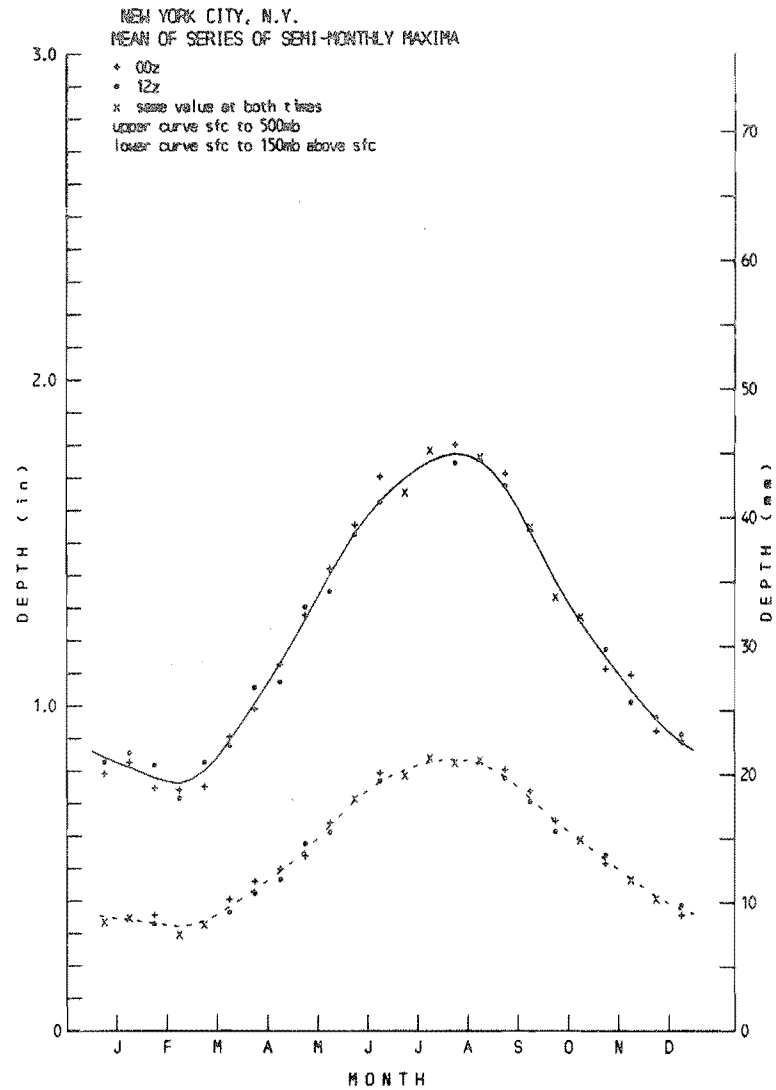
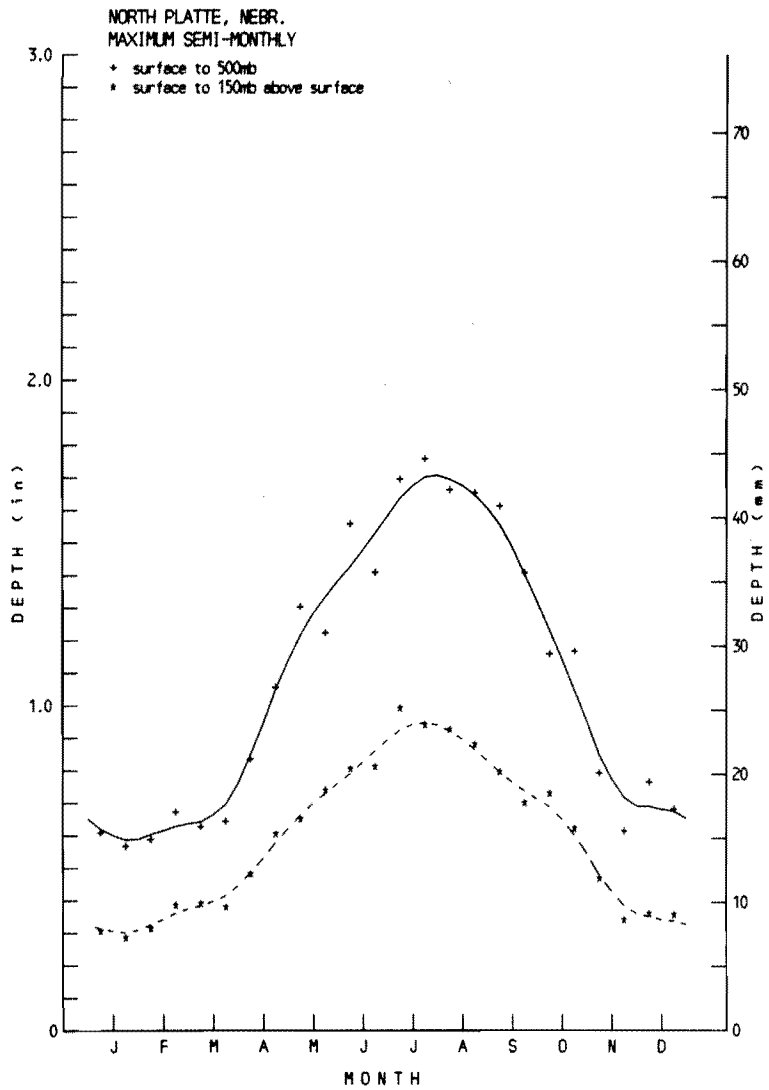
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


NEW YORK CITY, N.Y.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

NEW YORK CITY, N.Y. 16 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.2266	(1.2703)	71010512	2.0072	(.7902)	.5322	(.2095)	2.0959	(.8252)	.5054	(.1990)	JAN-1
2	3.4828	(1.3712)	59012200	2.0968	(.8255)	.6449	(.2539)	2.1696	(.8542)	.5728	(.2255)	2
FEB-1	3.0348	(1.1948)	60021112	1.8936	(.7455)	.4943	(.1946)	2.0748	(.8168)	.4458	(.1755)	FEB-1
2	3.0185	(1.1884)	71022712	1.8798	(.7401)	.5870	(.2311)	1.8145	(.7144)	.6422	(.2528)	2
MAR-1	3.2705	(1.2876)	64031012	1.9070	(.7508)	.6253	(.2462)	2.0962	(.8253)	.6806	(.2680)	MAR-1
2	3.1262	(1.2308)	71031600	2.2963	(.9040)	.4290	(.1689)	2.2258	(.8763)	.4151	(.1634)	2
APR-1	3.5202	(1.3859)	67041512	2.5135	(.9896)	.6913	(.2722)	2.6815	(1.0557)	.5357	(.2109)	APR-1
2	3.4272	(1.3493)	66042500	2.8599	(1.1259)	.4550	(.1791)	2.7247	(1.0727)	.5294	(.2084)	2
MAY-1	3.9494	(1.5549)	69050912	3.2449	(1.2775)	.2763	(.1088)	3.3110	(1.3035)	.3496	(.1376)	MAY-1
2	4.3035	(1.6943)	57052403	3.6056	(1.4195)	.4171	(.1642)	3.4325	(1.3514)	.4511	(.1776)	2
JUN-1	4.4163	(1.7387)	58061400	3.9470	(1.5539)	.3287	(.1294)	3.8723	(1.5245)	.3785	(.1490)	JUN-1
2	5.1750	(2.0374)	59063000	4.3214	(1.7013)	.3760	(.1480)	4.1226	(1.6231)	.4169	(.1641)	2
JUL-1	5.3287	(2.0979)	67070312	4.1988	(1.6531)	.4684	(.1844)	4.2275	(1.6644)	.5004	(.1970)	JUL-1
2	5.4315	(2.1384)	72072100	4.5321	(1.7843)	.5155	(.2030)	4.5481	(1.7906)	.3790	(.1492)	2
AUG-1	5.2489	(2.0665)	68080200	4.5698	(1.7991)	.3391	(.1335)	4.4288	(1.7436)	.3659	(.1441)	AUG-1
2	5.1552	(2.0296)	59082300	4.4944	(1.7694)	.4023	(.1584)	4.4778	(1.7629)	.3513	(.1383)	2
SEP-1	5.2484	(2.0663)	59090100	4.3442	(1.7103)	.4516	(.1778)	4.2508	(1.6735)	.4222	(.1662)	SEP-1
2	4.8494	(1.9092)	57091700	3.9444	(1.5529)	.5129	(.2019)	3.9352	(1.5493)	.5648	(.2224)	2
OCT-1	4.6586	(1.8341)	59100912	3.3752	(1.3288)	.5514	(.2171)	3.4190	(1.3461)	.6084	(.2395)	OCT-1
2	4.0554	(1.5966)	71102612	3.2301	(1.2717)	.5101	(.2008)	3.2564	(1.2820)	.5983	(.2355)	2
NOV-1	4.0574	(1.5974)	71110200	2.8216	(1.1109)	.6557	(.2582)	2.9756	(1.1715)	.5709	(.2248)	NOV-1
2	3.4160	(1.3449)	60113000	2.7743	(1.0922)	.5477	(.2156)	2.5639	(1.0094)	.4325	(.1703)	2
DEC-1	3.9040	(1.5370)	67121212	2.3363	(.9198)	.5623	(.2214)	2.4438	(.9621)	.6555	(.2581)	DEC-1
2	3.2461	(1.2780)	67122212	2.2560	(.8882)	.6090	(.2398)	2.3129	(.9106)	.5946	(.2341)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.4996	(.5904)	71010512	.8545	(.3364)	.2810	(.1106)	.8671	(.3414)	.2804	(.1104)	JAN-1
2	1.3945	(.5490)	59012200	.8804	(.3466)	.2792	(.1099)	.9039	(.3559)	.2719	(.1070)	2
FEB-1	1.3272	(.5225)	60021112	.9009	(.3547)	.2123	(.0836)	.8324	(.3277)	.2107	(.0830)	FEB-1
2	1.2954	(.5100)	61022600	.7431	(.2925)	.2691	(.1059)	.7791	(.3067)	.2243	(.0883)	2
MAR-1	1.4257	(.5613)	64030512	.8201	(.3229)	.2944	(.1159)	.8603	(.3387)	.2916	(.1148)	MAR-1
2	1.4788	(.5822)	66032500	1.0251	(.4036)	.2259	(.0889)	.9227	(.3633)	.2499	(.0984)	2
APR-1	1.6137	(.6353)	69040600	1.1667	(.4593)	.3241	(.1276)	1.0716	(.4219)	.2456	(.0967)	APR-1
2	1.7064	(.6718)	61042600	1.2629	(.4972)	.2161	(.0851)	1.1811	(.4650)	.2228	(.0877)	2
MAY-1	1.6551	(.6516)	61051000	1.3660	(.5378)	.1380	(.0543)	1.4620	(.5756)	.1282	(.0505)	MAY-1
2	2.1092	(.8304)	57052403	1.6249	(.6397)	.2070	(.0815)	1.5504	(.6104)	.2317	(.0912)	2
JUN-1	2.0513	(.8076)	66061012	1.8064	(.7112)	.1253	(.0493)	1.8420	(.7252)	.1274	(.0501)	JUN-1
2	2.5397	(.9999)	59063000	2.0137	(.7928)	.1803	(.0710)	1.9510	(.7681)	.1836	(.0723)	2
JUL-1	2.3749	(.9350)	72071512	1.9946	(.7853)	.1483	(.0584)	2.0194	(.7950)	.1630	(.0642)	JUL-1
2	2.4981	(.9835)	72071912	2.1611	(.8508)	.1608	(.0633)	2.1283	(.8379)	.1762	(.0694)	2
AUG-1	2.3680	(.9323)	70080200	2.1309	(.8389)	.1410	(.0555)	2.0842	(.8205)	.0953	(.0375)	AUG-1
2	2.4028	(.9460)	66082312	2.1476	(.8455)	.1565	(.0616)	2.1034	(.8281)	.1899	(.0748)	2
SEP-1	2.3757	(.9353)	59090312	2.0396	(.8030)	.1632	(.0643)	1.9733	(.7769)	.2137	(.0841)	SEP-1
2	2.2929	(.9027)	58092700	1.8725	(.7372)	.2274	(.0895)	1.7890	(.7043)	.2384	(.0939)	2
OCT-1	2.2098	(.8700)	59101000	1.6404	(.6458)	.2565	(.1010)	1.5572	(.6131)	.2631	(.1036)	OCT-1
2	1.9774	(.7785)	68101912	1.4985	(.5900)	.1985	(.0782)	1.5120	(.5953)	.2643	(.1041)	2
NOV-1	1.8799	(.7401)	56110103	1.3037	(.5133)	.2909	(.1145)	1.3703	(.5395)	.2623	(.1032)	NOV-1
2	1.5786	(.6215)	60113000	1.1774	(.4635)	.3153	(.1242)	1.2014	(.4730)	.1630	(.0642)	2
DEC-1	1.6259	(.6401)	67121212	1.0157	(.3999)	.2290	(.0902)	1.0638	(.4188)	.2717	(.1070)	DEC-1
2	1.3797	(.5432)	67122212	.8991	(.3540)	.2981	(.1174)	.9750	(.3839)	.2626	(.1034)	2


NORTH PLATTE, NEBR.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
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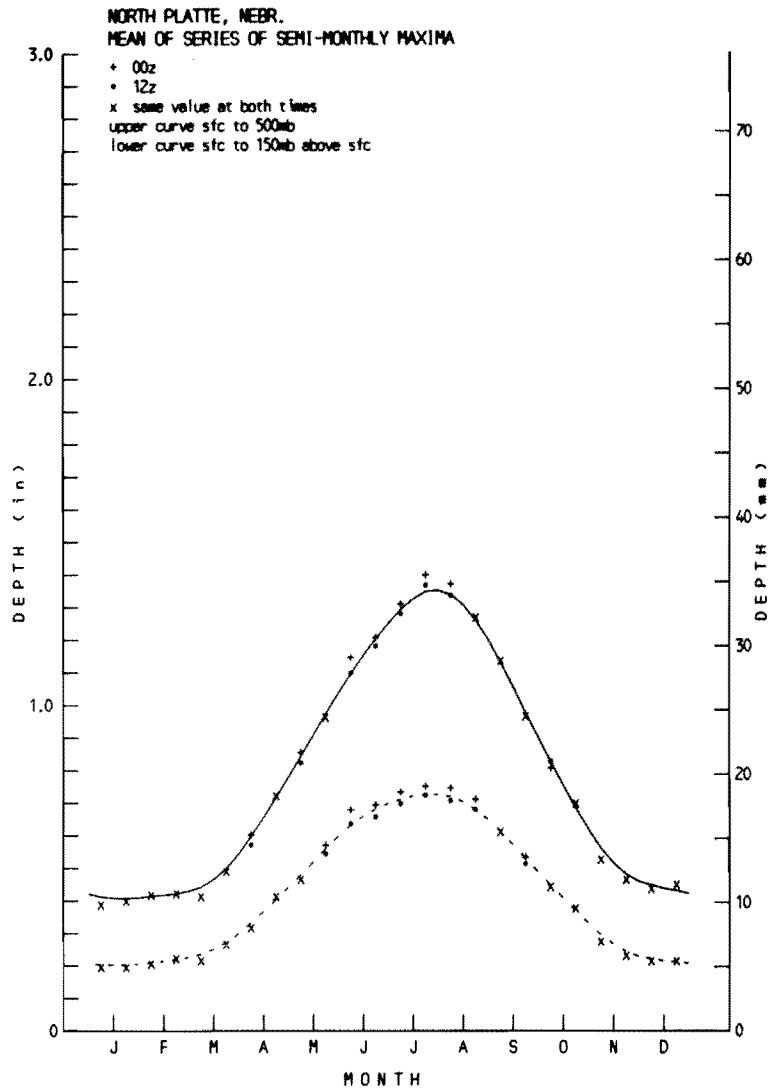
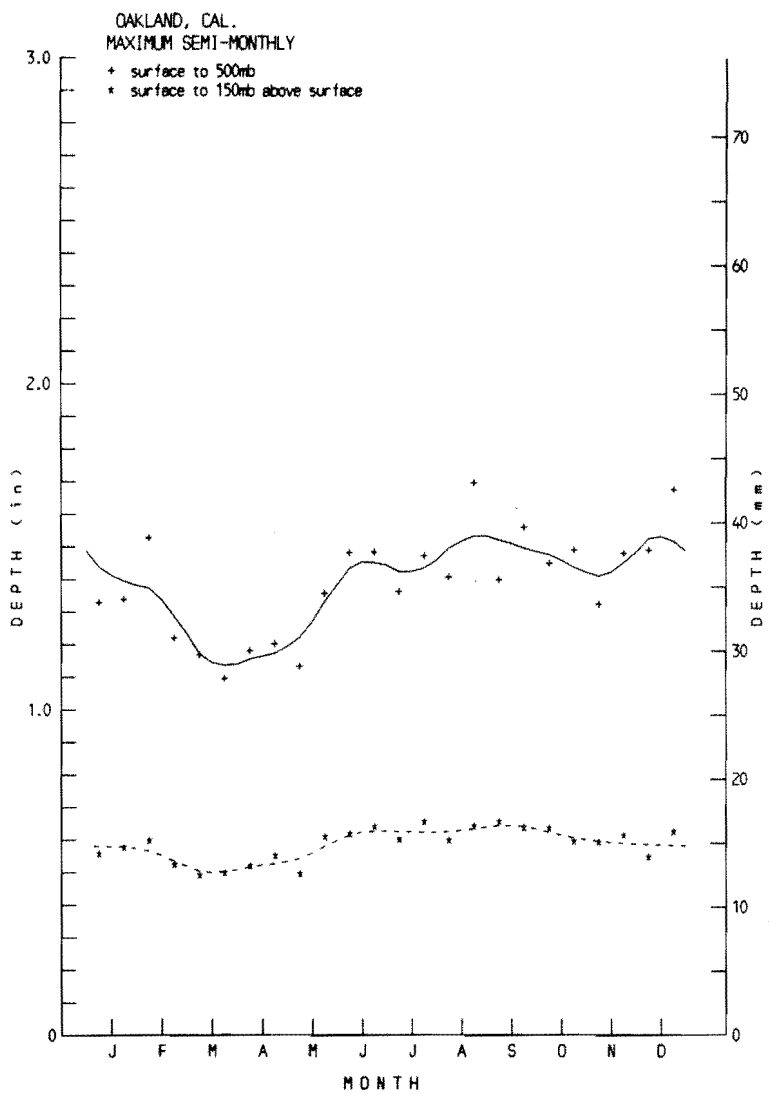

NORTH PLATTE, NEBR.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

NORTH PLATTE, NEBR. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.5415	(.6069)	55010415	.9745	(.3837)	.1668	(.0657)	1.0136	(.3991)	.2041	(.0803)	JAN-1
2	1.4376	(.5660)	68012412	1.0333	(.4068)	.1930	(.0760)	1.0154	(.3998)	.1803	(.0710)	2
FEB-1	1.4922	(.5875)	53020915	1.0696	(.4211)	.2211	(.0870)	1.0696	(.4211)	.2116	(.0833)	FEB-1
2	1.7051	(.6713)	51022403	1.0968	(.4318)	.2671	(.1051)	1.0635	(.4187)	.2379	(.0937)	2
MAR-1	1.5903	(.6261)	46031515	1.0499	(.4133)	.1961	(.0772)	1.0650	(.4193)	.1913	(.0753)	MAR-1
2	1.6332	(.6430)	49032103	1.2600	(.4961)	.2221	(.0874)	1.2508	(.4924)	.1975	(.0777)	2
APR-1	2.1181	(.8339)	67040200	1.5264	(.6009)	.2488	(.0979)	1.4476	(.5699)	.2708	(.1066)	APR-1
2	2.6779	(1.0543)	71042000	1.8701	(.7363)	.3496	(.1376)	1.8202	(.7166)	.2604	(.1025)	2
MAY-1	3.3056	(1.3014)	51051503	2.1692	(.8540)	.4006	(.1577)	2.0890	(.8224)	.3008	(.1184)	MAY-1
2	3.1031	(1.2217)	53052815	2.4572	(.9674)	.3028	(.1192)	2.4536	(.9660)	.3063	(.1206)	2
JUN-1	3.9527	(1.5562)	53061503	2.9098	(1.1456)	.3696	(.1455)	2.7872	(1.0973)	.2877	(.1133)	JUN-1
2	3.5745	(1.4073)	54061903	3.0655	(1.2069)	.2810	(.1106)	2.9994	(1.1809)	.2196	(.0865)	2
JUL-1	4.3012	(1.6934)	64071100	3.3267	(1.3097)	.4096	(.1613)	3.2521	(1.2804)	.2631	(.1036)	JUL-1
2	4.4587	(1.7554)	53072703	3.5519	(1.3984)	.4318	(.1700)	3.4735	(1.3675)	.3870	(.1523)	2
AUG-1	4.2182	(1.6607)	57080300	3.4823	(1.3710)	.4148	(.1633)	3.3947	(1.3365)	.3727	(.1467)	AUG-1
2	4.1930	(1.6508)	49081703	3.2439	(1.2771)	.4430	(.1744)	3.2257	(1.2700)	.3259	(.1283)	2
SEP-1	4.0909	(1.6106)	58091400	2.8971	(1.1406)	.5541	(.2182)	2.8996	(1.1416)	.4054	(.1596)	SEP-1
2	3.5707	(1.4058)	46091815	2.4733	(.9737)	.3564	(.1403)	2.4579	(.9677)	.4378	(.1724)	2
OCT-1	2.9383	(1.1568)	62100600	2.0484	(.8065)	.4308	(.1696)	2.1009	(.8271)	.4072	(.1603)	OCT-1
2	2.9578	(1.1645)	63102012	1.7793	(.7005)	.3569	(.1405)	1.7896	(.7046)	.4279	(.1685)	2
NOV-1	2.0084	(.7907)	61110200	1.3404	(.5277)	.2192	(.0863)	1.3543	(.5332)	.2021	(.0796)	NOV-1
2	1.5552	(.6123)	63112200	1.1990	(.4721)	.1679	(.0661)	1.1823	(.4655)	.1299	(.0512)	2
DEC-1	1.9370	(.7626)	65121100	1.1438	(.4503)	.2927	(.1152)	1.0935	(.4305)	.2477	(.0975)	DEC-1
2	1.7252	(.6792)	46122715	1.1651	(.4587)	.2328	(.0916)	1.1355	(.4471)	.1976	(.0778)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.7744	(.3049)	55010415	.4947	(.1948)	.0856	(.0337)	.5182	(.2040)	.0997	(.0392)	JAN-1
2	.7229	(.2846)	52012603	.5048	(.1987)	.1038	(.0409)	.5020	(.1976)	.0942	(.0371)	2
FEB-1	.7943	(.3127)	66020900	.5330	(.2099)	.1222	(.0481)	.5307	(.2089)	.1229	(.0484)	FEB-1
2	.9766	(.3845)	48022703	.5845	(.2301)	.1541	(.0607)	.5616	(.2211)	.1373	(.0540)	2
MAR-1	.9891	(.3894)	46031503	.5629	(.2216)	.1417	(.0558)	.5525	(.2175)	.1176	(.0463)	MAR-1
2	.9622	(.3788)	46033103	.6878	(.2708)	.1330	(.0524)	.6827	(.2688)	.1324	(.0521)	2
APR-1	1.2212	(.4808)	67041300	.8399	(.3307)	.1638	(.0645)	.7906	(.3113)	.1523	(.0600)	APR-1
2	1.5337	(.6038)	57041903	1.0642	(.4190)	.2202	(.0867)	1.0527	(.4145)	.1370	(.0540)	2
MAY-1	1.6487	(.6491)	49050503	1.2039	(.4740)	.2176	(.0857)	1.1823	(.4655)	.1645	(.0648)	MAY-1
2	1.8753	(.7383)	49053103	1.4457	(.5692)	.2359	(.0929)	1.3792	(.5430)	.1614	(.0635)	2
JUN-1	2.0424	(.8041)	50061403	1.7205	(.6773)	.1927	(.0759)	1.6129	(.6350)	.1864	(.0734)	JUN-1
2	2.0592	(.8107)	60062000	1.7602	(.6930)	.1648	(.0649)	1.6660	(.6559)	.1424	(.0561)	2
JUL-1	2.5166	(.9908)	57070300	1.8610	(.7327)	.2405	(.0947)	1.7697	(.6967)	.1300	(.0512)	JUL-1
2	2.3858	(.9393)	51073003	1.9055	(.7502)	.2276	(.0896)	1.8359	(.7228)	.1763	(.0694)	2
AUG-1	2.3490	(.9248)	57080300	1.8923	(.7450)	.1906	(.0750)	1.7924	(.7057)	.1706	(.0672)	AUG-1
2	2.2322	(.8788)	49081703	1.8040	(.7102)	.2203	(.0867)	1.7222	(.6780)	.1600	(.0630)	2
SEP-1	2.0188	(.7948)	58091400	1.5739	(.6196)	.2853	(.1123)	1.5570	(.6130)	.1804	(.0710)	SEP-1
2	1.7767	(.6995)	63091800	1.3545	(.5333)	.2282	(.0898)	1.3000	(.5118)	.2424	(.0954)	2
OCT-1	1.8494	(.7281)	49101003	1.1498	(.4527)	.2951	(.1162)	1.1198	(.4409)	.2533	(.0997)	OCT-1
2	1.5743	(.6198)	71101712	.9768	(.3845)	.2563	(.1009)	.9591	(.3776)	.2435	(.0959)	2
NOV-1	1.1859	(.4669)	61110200	.7157	(.2818)	.1617	(.0637)	.6948	(.2735)	.1119	(.0441)	NOV-1
2	.8603	(.3387)	62113000	.6086	(.2396)	.0958	(.0377)	.5862	(.2308)	.0734	(.0289)	2
DEC-1	.9078	(.3574)	65121100	.5648	(.2224)	.1382	(.0544)	.5409	(.2130)	.1309	(.0515)	DEC-1
2	.9004	(.3545)	46122715	.5541	(.2182)	.0991	(.0390)	.5522	(.2174)	.1164	(.0458)	2


OAKLAND, CAL.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
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70
60
50
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30
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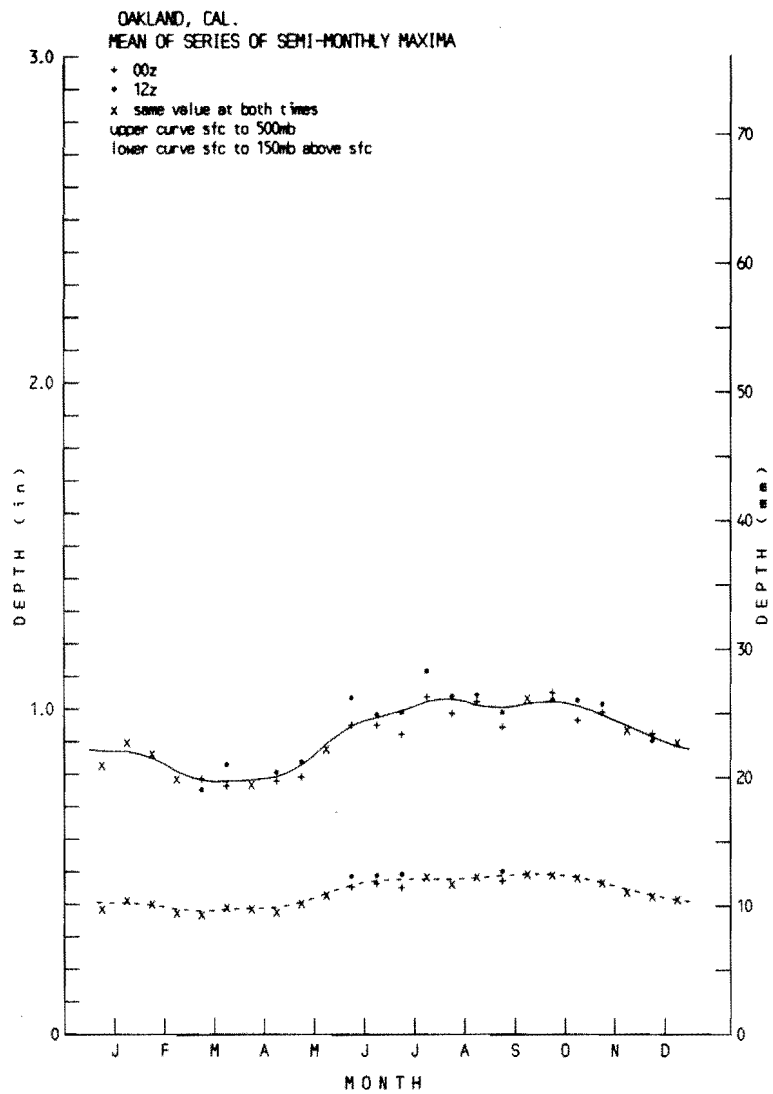
10
0
J F M A M J J A S O N D
MONTH


OAKLAND, CAL.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
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70
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50
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30
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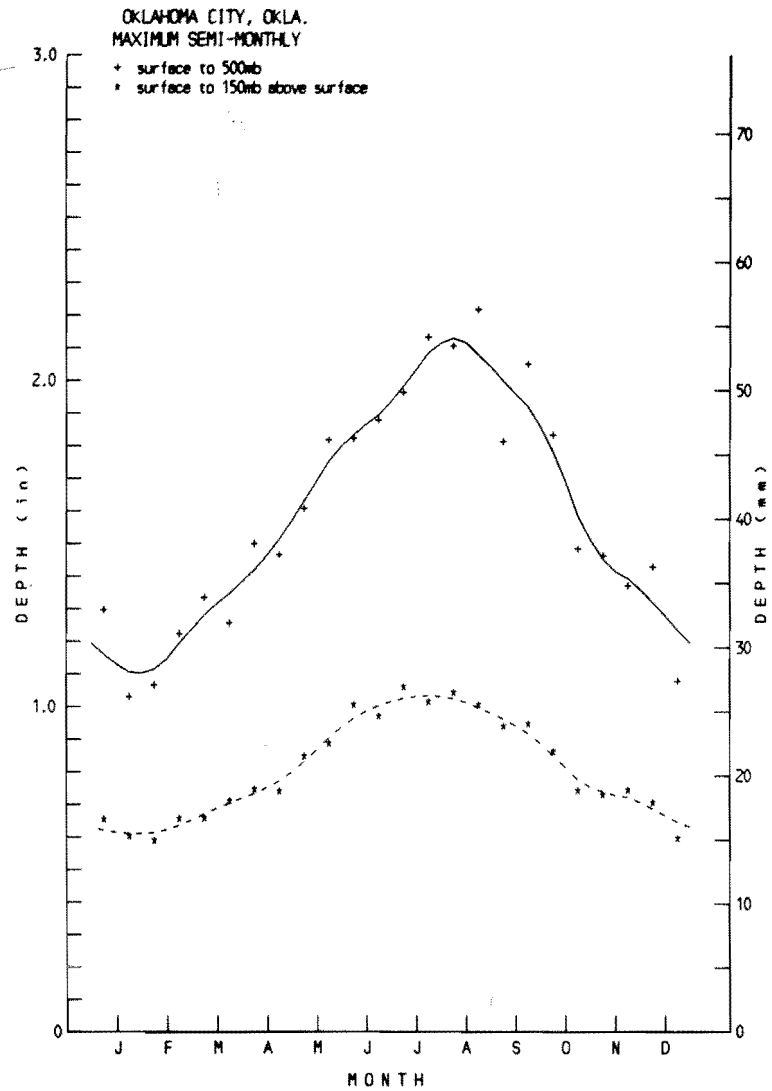
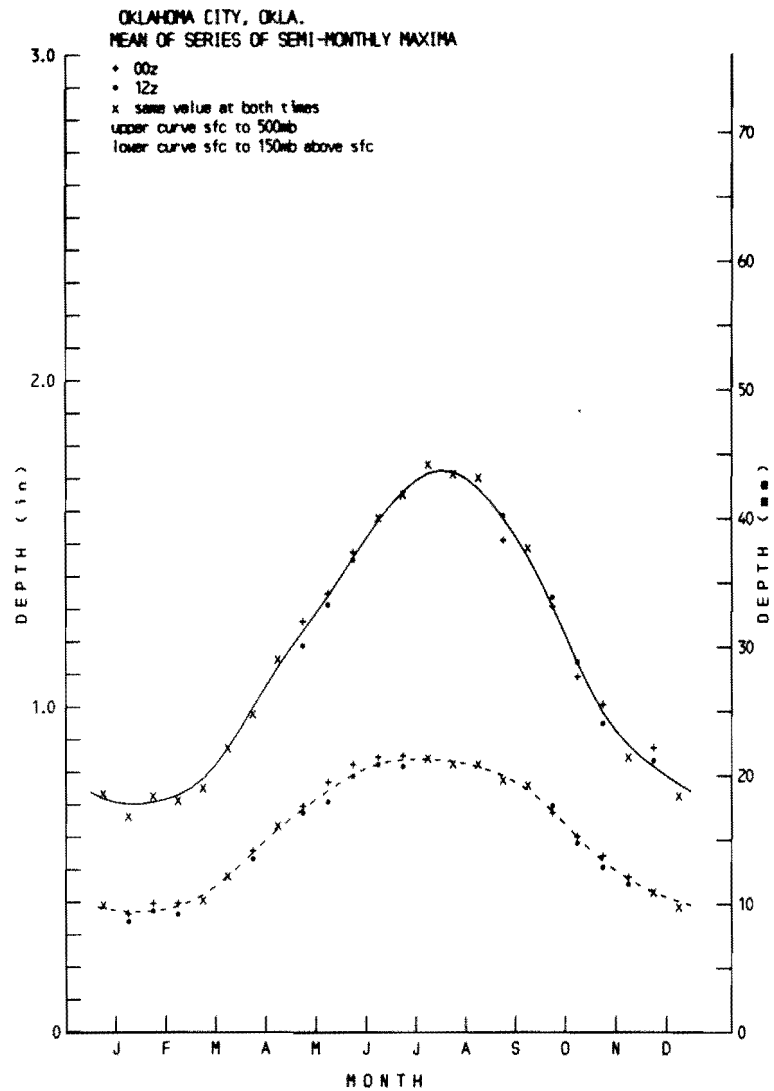
10
0
J F M A M J J A S O N D
MONTH

OAKLAND, CAL. 27 YEARS OF RECORD

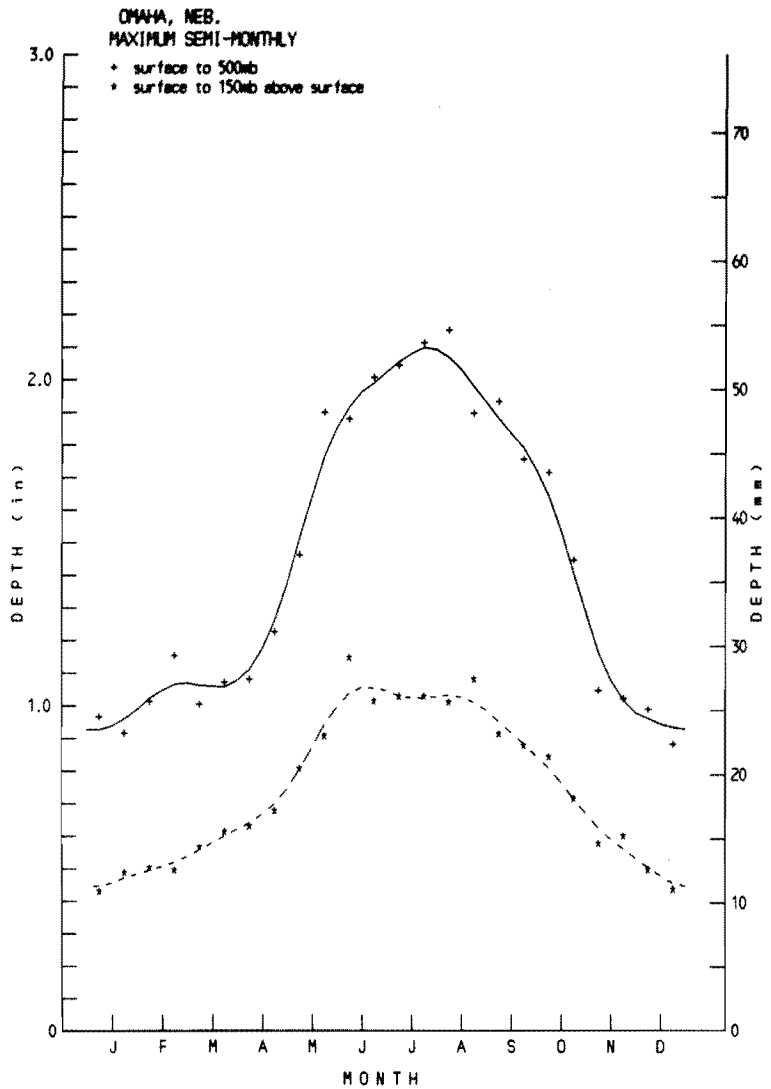
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.3716	(1.3274)	56019900	2.1173	(.8336)	.6124	(.2411)	2.0995	(.8266)	.5368	(.2113)	JAN-1
2	3.3972	(1.3375)	71011712	2.3046	(.9073)	.5035	(.1982)	2.2696	(.8935)	.5872	(.2312)	2
FEB-1	3.8773	(1.5265)	63029900	2.1817	(.8589)	.6154	(.2423)	2.2138	(.8716)	.5279	(.2079)	FEB-1
2	3.0963	(1.2190)	58029900	2.0183	(.7946)	.5033	(.1982)	1.9849	(.7815)	.4737	(.1865)	2
MAR-1	2.9660	(1.1677)	54039900	1.9905	(.7836)	.4726	(.1860)	1.9075	(.7510)	.4493	(.1769)	MAR-1
2	2.7805	(1.0947)	50039912	1.9366	(.7624)	.4856	(.1912)	2.1033	(.8281)	.3504	(.1380)	2
APR-1	2.9972	(1.1800)	63049912	1.9477	(.7668)	.3403	(.1340)	1.9660	(.7740)	.3467	(.1365)	APR-1
2	3.0513	(1.2013)	62049900	1.9734	(.7769)	.5273	(.2076)	2.0422	(.8040)	.3765	(.1482)	2
MAY-1	2.8771	(1.1327)	56059900	2.0055	(.7896)	.4275	(.1683)	2.1248	(.8366)	.3385	(.1333)	MAY-1
2	3.4440	(1.3559)	57059900	2.2207	(.8743)	.4701	(.1851)	2.2529	(.8870)	.3148	(.1239)	2
JUN-1	3.7615	(1.4809)	57069912	2.4100	(.9488)	.3785	(.1490)	2.6228	(1.0326)	.4311	(.1697)	JUN-1
2	3.7643	(1.4820)	48069912	2.4099	(.9488)	.4990	(.1964)	2.4936	(.9817)	.4563	(.1796)	2
JUL-1	3.4585	(1.3616)	55079912	2.3391	(.9209)	.3747	(.1475)	2.5106	(.9884)	.3954	(.1557)	JUL-1
2	3.7374	(1.4714)	49079912	2.6304	(1.0356)	.5583	(.2198)	2.8311	(1.1146)	.5741	(.2260)	2
AUG-1	3.5728	(1.4066)	62089900	2.5002	(.9843)	.5473	(.2155)	2.6352	(1.0375)	.5139	(.2023)	AUG-1
2	4.3038	(1.6944)	49089900	2.5925	(1.0207)	.7028	(.2767)	2.6460	(1.0417)	.5195	(.2045)	2
SEP-1	3.5512	(1.3981)	58099900	2.3928	(.9421)	.4789	(.1885)	2.5085	(.9876)	.3931	(.1547)	SEP-1
2	3.9588	(1.5586)	57099912	2.6153	(1.0296)	.6160	(.2425)	2.6453	(1.0414)	.5428	(.2137)	2
OCT-1	3.6800	(1.4488)	59109912	2.6604	(1.0474)	.5595	(.2203)	2.6070	(1.0264)	.4977	(.1959)	OCT-1
2	3.7841	(1.4898)	59109912	2.4450	(.9626)	.4594	(.1809)	2.6027	(1.0247)	.4937	(.1944)	2
NOV-1	3.3607	(1.3231)	55119912	2.5073	(.9871)	.4401	(.1732)	2.5723	(1.0127)	.4137	(.1629)	NOV-1
2	3.7564	(1.4789)	50119900	2.3731	(.9343)	.5004	(.1970)	2.3853	(.9391)	.5617	(.2211)	2
DEC-1	3.7790	(1.4878)	55129912	2.3381	(.9205)	.4173	(.1643)	2.2838	(.8991)	.5498	(.2165)	DEC-1
2	4.2530	(1.6744)	55129912	2.2905	(.9018)	.5460	(.2150)	2.2746	(.8955)	.6785	(.2671)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.4127	(.5562)	68011500	1.0009	(.3941)	.2199	(.0866)	.9709	(.3823)	.2042	(.0804)	JAN-1
2	1.4620	(.5756)	71011712	1.0527	(.4145)	.1946	(.0766)	1.0581	(.4166)	.2107	(.0830)	2
FEB-1	1.5154	(.5966)	63029900	1.0367	(.4081)	.2041	(.0803)	1.0163	(.4001)	.1916	(.0754)	FEB-1
2	1.3279	(.5228)	68022000	.9684	(.3812)	.2053	(.0808)	.9426	(.3711)	.1803	(.0710)	2
MAR-1	1.2436	(.4896)	47039900	.9607	(.3782)	.1429	(.0563)	.9270	(.3650)	.1422	(.0560)	MAR-1
2	1.2626	(.4971)	51039900	1.0102	(.3977)	.1497	(.0589)	.9880	(.3890)	.1263	(.0497)	2
APR-1	1.3160	(.5181)	61049912	.9825	(.3868)	.1468	(.0578)	.9928	(.3909)	.1301	(.0512)	APR-1
2	1.3960	(.5496)	65041900	.9569	(.3767)	.1968	(.0775)	.9693	(.3816)	.1310	(.0516)	2
MAY-1	1.2548	(.4940)	63059912	1.0146	(.3995)	.1530	(.0603)	1.0445	(.4112)	.1006	(.0396)	MAY-1
2	1.5431	(.6075)	51059900	1.0985	(.4325)	.1648	(.0649)	1.0903	(.4293)	.1357	(.0534)	2
JUN-1	1.5669	(.6169)	60069912	1.1468	(.4515)	.1202	(.0473)	1.2301	(.4843)	.1232	(.0485)	JUN-1
2	1.6241	(.6394)	60069912	1.1739	(.4622)	.1864	(.0734)	1.2356	(.4865)	.1500	(.0590)	2
JUL-1	1.5248	(.6003)	57079912	1.1410	(.4492)	.1356	(.0534)	1.2453	(.4903)	.1284	(.0506)	JUL-1
2	1.6619	(.6543)	58079900	1.2182	(.4796)	.2078	(.0818)	1.2560	(.4945)	.1585	(.0624)	2
AUG-1	1.5184	(.5978)	52089912	1.1579	(.4558)	.1811	(.0713)	1.2025	(.4734)	.1372	(.0540)	AUG-1
2	1.6261	(.6402)	58089912	1.2189	(.4799)	.1975	(.0777)	1.2551	(.4941)	.1628	(.0641)	2
SEP-1	1.6632	(.6548)	58099900	1.1933	(.4698)	.1815	(.0715)	1.2677	(.4991)	.1653	(.0651)	SEP-1
2	1.6162	(.6363)	57099900	1.2513	(.4927)	.2054	(.0809)	1.2625	(.4971)	.1569	(.0618)	2
OCT-1	1.6111	(.6343)	59109912	1.2423	(.4891)	.1891	(.0745)	1.2623	(.4970)	.1760	(.0693)	OCT-1
2	1.5098	(.5944)	47109912	1.2145	(.4781)	.1534	(.0604)	1.2478	(.4913)	.1372	(.0540)	2
NOV-1	1.5024	(.5915)	55119900	1.1898	(.4684)	.1521	(.0599)	1.1956	(.4707)	.1528	(.0601)	NOV-1
2	1.5555	(.6124)	50119912	1.1227	(.4420)	.1756	(.0691)	1.1108	(.4373)	.1625	(.0640)	2
DEC-1	1.3861	(.5457)	50129912	1.0942	(.4308)	.1333	(.0525)	1.0732	(.4225)	.1710	(.0673)	DEC-1
2	1.5852	(.6241)	64129912	1.0499	(.4133)	.2268	(.0893)	1.0679	(.4205)	.2348	(.0924)	2

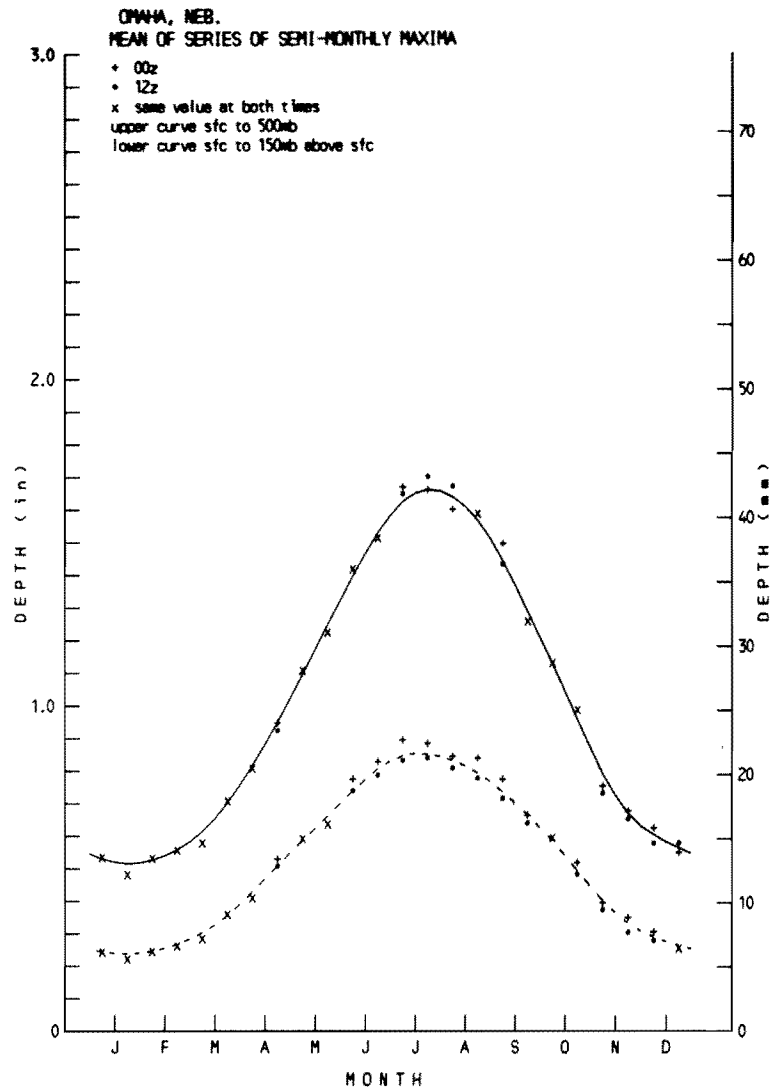

OKLAHOMA CITY, OKLA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


OKLAHOMA CITY, OKLA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

OKLAHOMA CITY, OKLA. 26 YEARS OF RECORD

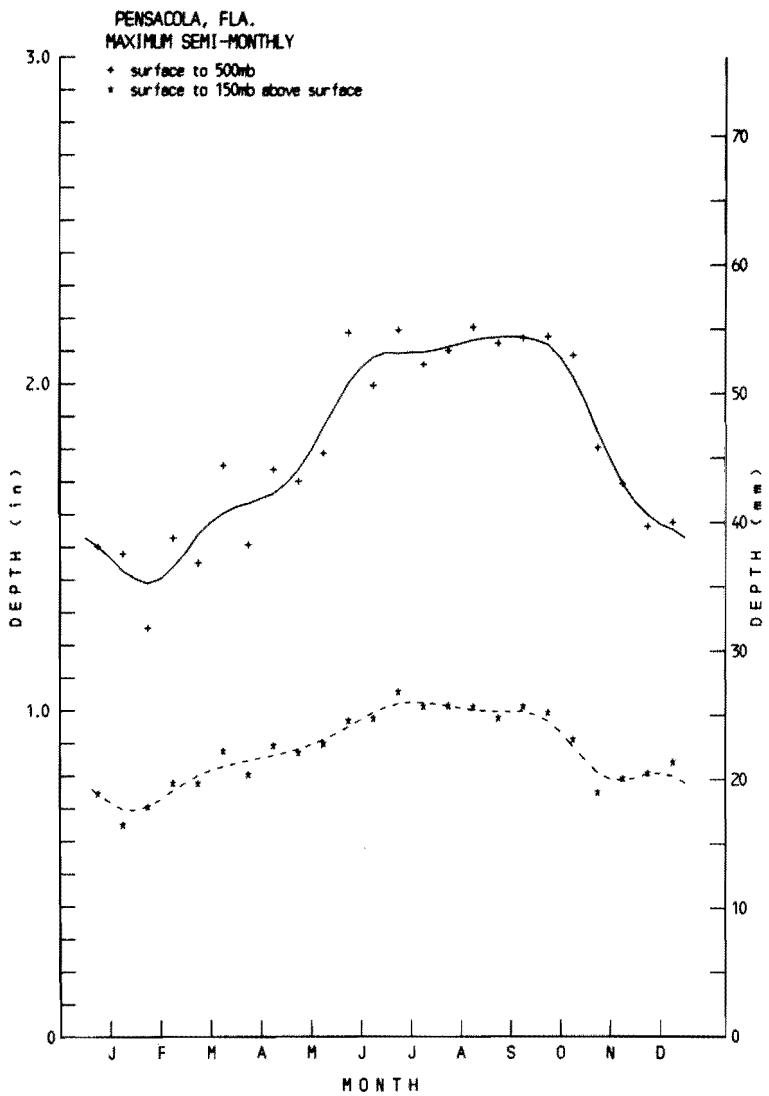
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.2903	(1.2954)	55010403	1.8698	(.7362)	.6596	(.2597)	1.8755	(.7384)	.6302	(.2481)	JAN-1
2	2.6129	(1.0287)	69012912	1.6857	(.6637)	.4736	(.1864)	1.7081	(.6725)	.4707	(.1853)	2
FEB-1	2.7036	(1.0644)	66020900	1.8679	(.7354)	.3460	(.1362)	1.8411	(.7249)	.3498	(.1377)	FEB-1
2	3.1013	(1.2210)	48022703	1.8177	(.7156)	.5411	(.2130)	1.8232	(.7178)	.4431	(.1745)	2
MAR-1	3.3840	(1.3323)	46030515	1.9384	(.7632)	.4680	(.1842)	1.8980	(.7472)	.5013	(.1974)	MAR-1
2	3.1869	(1.2547)	53031715	2.2559	(.8882)	.4069	(.1602)	2.2056	(.8683)	.4224	(.1663)	2
APR-1	3.8034	(1.4974)	65041500	2.5069	(.9870)	.5421	(.2134)	2.4858	(.9787)	.4234	(.1667)	APR-1
2	3.7196	(1.4644)	46042215	2.9018	(1.1425)	.3624	(.1427)	2.9379	(1.1566)	.3882	(.1528)	2
MAY-1	4.0777	(1.6054)	60050600	3.2013	(1.2604)	.4477	(.1763)	3.0106	(1.1853)	.3289	(.1295)	MAY-1
2	4.6134	(1.8163)	49052403	3.4171	(1.3453)	.3832	(.1509)	3.3320	(1.3118)	.3028	(.1192)	2
JUN-1	4.6241	(1.8205)	57061500	3.7410	(1.4728)	.3508	(.1381)	3.6793	(1.4485)	.2948	(.1161)	JUN-1
2	4.7663	(1.8765)	51062203	4.0186	(1.5821)	.4394	(.1730)	4.0238	(1.5842)	.3784	(.1490)	2
JUL-1	4.9814	(1.9612)	67071300	4.2026	(1.6546)	.4178	(.1645)	4.2001	(1.6536)	.3061	(.1205)	JUL-1
2	5.4120	(2.1307)	66072312	4.4414	(1.7486)	.3988	(.1570)	4.4323	(1.7450)	.4062	(.1599)	2
AUG-1	5.3447	(2.1042)	66080212	4.3534	(1.7139)	.3443	(.1356)	4.3704	(1.7206)	.4322	(.1702)	AUG-1
2	5.6269	(2.2153)	58082100	4.3297	(1.7046)	.4735	(.1864)	4.3386	(1.7081)	.3688	(.1452)	2
SEP-1	4.5994	(1.8108)	53090315	3.8332	(1.5091)	.4142	(.1631)	4.0236	(1.5841)	.4383	(.1726)	SEP-1
2	5.2017	(2.0479)	58092312	3.7624	(1.4813)	.4663	(.1836)	3.8084	(1.4994)	.5318	(.2094)	2
OCT-1	4.6495	(1.8305)	50100303	3.3173	(1.3060)	.6852	(.2698)	3.3893	(1.3344)	.6072	(.2391)	OCT-1
2	3.7653	(1.4824)	46103103	2.7700	(1.0906)	.5720	(.2252)	2.8845	(1.1356)	.6387	(.2515)	2
NOV-1	3.7097	(1.4605)	59110312	2.5536	(1.0053)	.5358	(.2109)	2.4059	(.9472)	.5740	(.2260)	NOV-1
2	3.4770	(1.3689)	58111712	2.1492	(.8461)	.4341	(.1709)	2.1615	(.8510)	.5053	(.1989)	2
DEC-1	3.6231	(1.4264)	48121415	2.2156	(.8723)	.5122	(.2016)	2.1165	(.8333)	.5342	(.2103)	DEC-1
2	2.7351	(1.0768)	65122400	1.8611	(.7327)	.4733	(.1863)	1.8406	(.7246)	.4175	(.1644)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.6596	(.6534)	60011200	1.0181	(.4008)	.3283	(.1293)	.9888	(.3893)	.3100	(.1221)	JAN-1
2	1.5286	(.6018)	67012412	.9211	(.3626)	.3410	(.1343)	.8592	(.3383)	.2835	(.1116)	2
FEB-1	1.4928	(.5877)	57020815	1.0026	(.3947)	.2396	(.0943)	.9429	(.3712)	.2281	(.0898)	FEB-1
2	1.6629	(.6547)	48022703	1.0046	(.3955)	.2827	(.1113)	.9191	(.3618)	.2340	(.0921)	2
MAR-1	1.6675	(.6565)	55031503	1.0667	(.4200)	.2775	(.1092)	1.0168	(.4003)	.2856	(.1124)	MAR-1
2	1.8014	(.7092)	54032415	1.2255	(.4825)	.2600	(.1024)	1.2336	(.4857)	.2104	(.0828)	2
APR-1	1.8915	(.7447)	65041500	1.4145	(.5569)	.2839	(.1118)	1.3521	(.5323)	.2720	(.1071)	APR-1
2	1.8776	(.7392)	57042303	1.6486	(.6491)	.1767	(.0696)	1.5999	(.6299)	.1798	(.0708)	2
MAY-1	2.1506	(.8467)	47051403	1.7606	(.6932)	.1983	(.0781)	1.7085	(.6726)	.1809	(.0712)	MAY-1
2	2.2502	(.8859)	53052315	1.9493	(.7675)	.1658	(.0653)	1.7944	(.7065)	.1583	(.0623)	2
JUN-1	2.5527	(1.0050)	57061500	2.0870	(.8217)	.2102	(.0827)	1.9958	(.7857)	.1727	(.0680)	JUN-1
2	2.4620	(.9693)	51062203	2.1456	(.8447)	.1531	(.0603)	2.0878	(.8220)	.1708	(.0672)	2
JUL-1	2.6911	(1.0595)	57070200	2.1569	(.8492)	.2048	(.0806)	2.0725	(.8159)	.1242	(.0489)	JUL-1
2	2.5763	(1.0143)	58073000	2.1626	(.8514)	.1795	(.0707)	2.1389	(.8421)	.1524	(.0600)	2
AUG-1	2.6474	(1.0423)	48081003	2.1310	(.8390)	.2259	(.0889)	2.0836	(.8203)	.1846	(.0727)	AUG-1
2	2.5512	(1.0044)	58082100	2.1214	(.8352)	.1648	(.0649)	2.0867	(.8215)	.1158	(.0456)	2
SEP-1	2.3838	(.9385)	62090912	1.9597	(.7715)	.1732	(.0682)	1.9979	(.7866)	.1937	(.0762)	SEP-1
2	2.4051	(.9469)	50091603	1.9430	(.7650)	.2343	(.0923)	1.9354	(.7620)	.2353	(.0926)	2
OCT-1	2.1869	(.8610)	54100215	1.7114	(.6738)	.3147	(.1239)	1.7677	(.6960)	.2821	(.1111)	OCT-1
2	1.8837	(.7416)	68101600	1.5253	(.6005)	.2712	(.1068)	1.4735	(.5801)	.2713	(.1068)	2
NOV-1	1.8496	(.7282)	59110312	1.3737	(.5408)	.2728	(.1074)	1.2850	(.5059)	.2750	(.1083)	NOV-1
2	1.8877	(.7432)	58111712	1.2090	(.4760)	.2722	(.1072)	1.1520	(.4535)	.3037	(.1196)	2
DEC-1	1.7894	(.7045)	48121415	1.1260	(.4433)	.2857	(.1125)	1.0808	(.4255)	.2934	(.1155)	DEC-1
2	1.5105	(.5947)	49122003	.9793	(.3855)	.2590	(.1020)	.9914	(.3903)	.2588	(.1019)	2

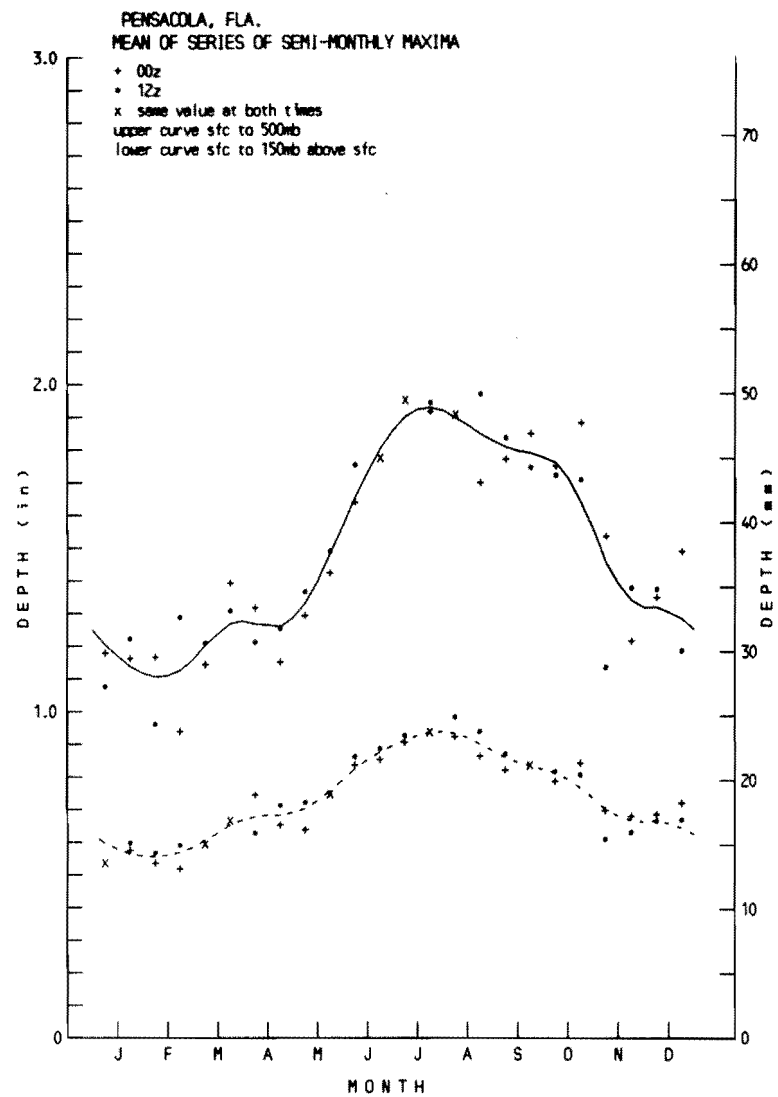

OMAHA, NEB.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


OMAHA, NEB.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

OMAHA, NEB. 20 YEARS OF RECORD

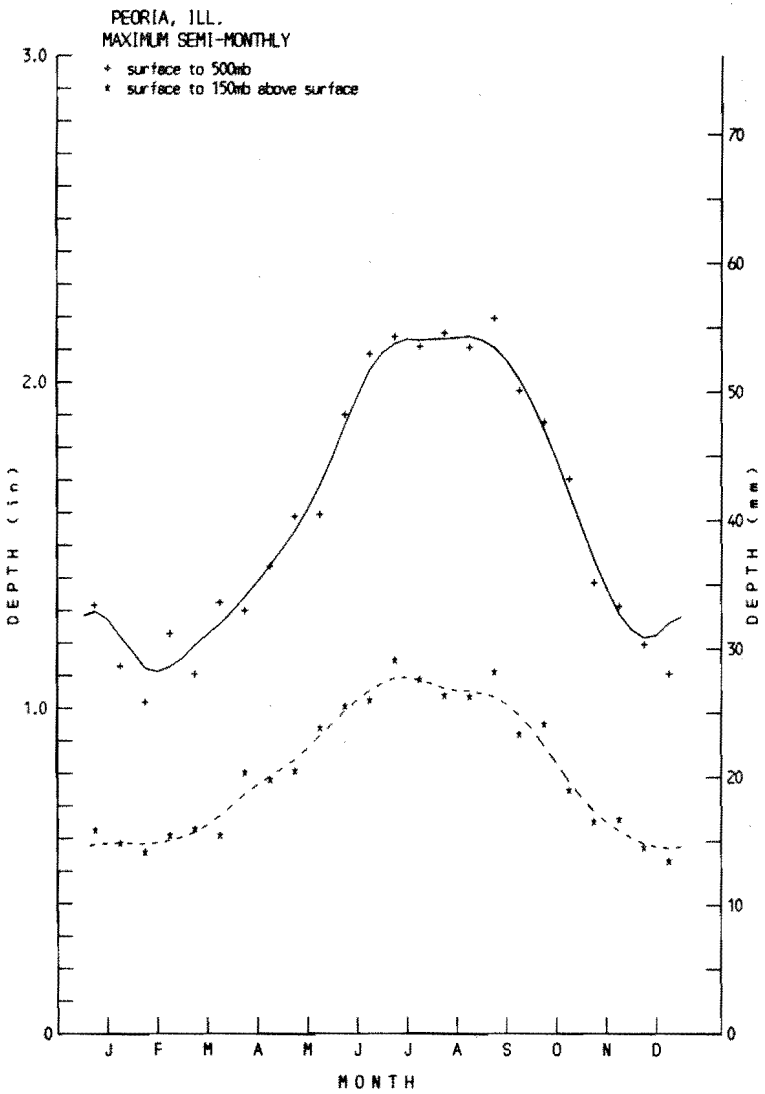
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.4503	(.9647)	60011200	1.3526	(.5325)	.4021	(.1583)	1.3863	(.5458)	.4088	(.1609)	JAN-1
2	2.3228	(.9145)	67012412	1.2220	(.4811)	.2996	(.1179)	1.2437	(.4896)	.3547	(.1396)	2
FEB-1	2.5679	(1.0110)	66020900	1.3789	(.5429)	.3611	(.1422)	1.3425	(.5285)	.2986	(.1176)	FEB-1
2	2.9253	(1.1517)	48022715	1.4210	(.5595)	.4037	(.1589)	1.4232	(.5603)	.4861	(.1914)	2
MAR-1	2.5474	(1.0029)	46031415	1.4753	(.5808)	.3444	(.1356)	1.4854	(.5848)	.3831	(.1508)	MAR-1
2	2.7193	(1.0706)	52033103	1.7823	(.7017)	.4058	(.1598)	1.8316	(.7211)	.3906	(.1538)	2
APR-1	2.7417	(1.0794)	48041103	2.0480	(.8063)	.4238	(.1668)	2.0791	(.8186)	.3905	(.1538)	APR-1
2	3.1107	(1.2247)	51043003	2.4010	(.9453)	.3193	(.1257)	2.3431	(.9225)	.2554	(.1006)	2
MAY-1	3.7092	(1.4603)	59050500	2.8399	(1.1181)	.4457	(.1755)	2.8126	(1.1073)	.3519	(.1385)	MAY-1
2	4.8194	(1.8974)	64052400	3.1428	(1.2373)	.5801	(.2284)	3.1018	(1.2212)	.2672	(.1052)	2
JUN-1	4.7686	(1.8774)	53061003	3.6343	(1.4308)	.4766	(.1876)	3.5919	(1.4141)	.3922	(.1544)	JUN-1
2	5.0917	(2.0046)	52062703	3.8789	(1.5271)	.5742	(.2261)	3.8327	(1.5089)	.4241	(.1670)	2
JUL-1	5.1846	(2.0412)	58070200	4.2387	(1.6688)	.4983	(.1962)	4.1875	(1.6486)	.3069	(.1208)	JUL-1
2	5.3609	(2.1106)	46071603	4.2189	(1.6610)	.5094	(.2005)	4.3213	(1.7013)	.4807	(.1892)	2
AUG-1	5.4597	(2.1495)	66080112	4.0648	(1.6003)	.5357	(.2109)	4.2466	(1.6719)	.5628	(.2216)	AUG-1
2	4.8115	(1.8943)	59082200	4.0250	(1.5846)	.4826	(.1900)	4.0660	(1.6008)	.3292	(.1296)	2
SEP-1	4.9035	(1.9305)	71090412	3.7978	(1.4952)	.3744	(.1474)	3.6415	(1.4337)	.5619	(.2212)	SEP-1
2	4.4534	(1.7533)	58092400	3.1919	(1.2567)	.5151	(.2028)	3.2225	(1.2687)	.5606	(.2207)	2
OCT-1	4.3487	(1.7121)	50100115	2.8813	(1.1344)	.6178	(.2432)	2.8864	(1.1364)	.5445	(.2144)	OCT-1
2	3.6703	(1.4450)	68101600	2.5057	(.9865)	.6034	(.2376)	2.5271	(.9949)	.5898	(.2322)	2
NOV-1	2.6546	(1.0451)	61110200	1.9107	(.7522)	.4176	(.1644)	1.8550	(.7303)	.3520	(.1386)	NOV-1
2	2.5918	(1.0204)	71111712	1.7155	(.6754)	.4292	(.1690)	1.6542	(.6513)	.4634	(.1825)	2
DEC-1	2.5070	(.9870)	65121100	1.5814	(.6226)	.4175	(.1644)	1.4638	(.5763)	.3437	(.1353)	DEC-1
2	2.2367	(.8806)	46122715	1.3900	(.5472)	.3306	(.1301)	1.4646	(.5766)	.3232	(.1272)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.0892	(.4288)	46010415	.6109	(.2405)	.1712	(.0674)	.6469	(.2547)	.2290	(.0902)	JAN-1
2	1.2365	(.4868)	67012412	.5699	(.2244)	.1318	(.0519)	.5752	(.2264)	.2059	(.0811)	2
FEB-1	1.2753	(.5021)	66020900	.6474	(.2549)	.1803	(.0710)	.6177	(.2432)	.1975	(.0778)	FEB-1
2	1.2560	(.4945)	48022715	.6844	(.2694)	.2034	(.0801)	.6656	(.2620)	.2226	(.0877)	2
MAR-1	1.4348	(.5649)	70030300	.7411	(.2918)	.2293	(.0903)	.7226	(.2845)	.2251	(.0886)	MAR-1
2	1.5570	(.6130)	50032615	.9170	(.3610)	.2276	(.0896)	.9264	(.3647)	.2585	(.1018)	2
APR-1	1.5987	(.6294)	67040912	1.0612	(.4178)	.2726	(.1073)	1.0388	(.4090)	.2462	(.0969)	APR-1
2	1.7193	(.6769)	51043015	1.3408	(.5279)	.1637	(.0645)	1.2857	(.5062)	.1894	(.0746)	2
MAY-1	2.0477	(.8062)	70051212	1.5392	(.6060)	.2598	(.1023)	1.4894	(.5864)	.2388	(.0940)	MAY-1
2	2.3023	(.9064)	64052600	1.6518	(.6503)	.3007	(.1184)	1.6011	(.6304)	.1809	(.0712)	2
JUN-1	2.9103	(1.1458)	53061003	1.9646	(.7735)	.2770	(.1091)	1.8733	(.7375)	.1908	(.0751)	JUN-1
2	2.5740	(1.0134)	49063003	2.1011	(.8272)	.1986	(.0782)	1.9958	(.7857)	.2027	(.0798)	2
JUL-1	2.6093	(1.0273)	66071300	2.2712	(.8942)	.1771	(.0697)	2.1097	(.8306)	.1583	(.0623)	JUL-1
2	2.6093	(1.0273)	48072103	2.2434	(.8832)	.2179	(.0858)	2.1308	(.8389)	.1830	(.0720)	2
AUG-1	2.5636	(1.0093)	59080300	2.1428	(.8436)	.2369	(.0933)	2.0513	(.8076)	.1739	(.0684)	AUG-1
2	2.7429	(1.0799)	51083003	2.1292	(.8383)	.2594	(.1021)	1.9739	(.7771)	.1168	(.0460)	2
SEP-1	2.3180	(.9126)	72091100	1.9652	(.7737)	.2340	(.0921)	1.8169	(.7153)	.2502	(.0985)	SEP-1
2	2.2263	(.8765)	58092400	1.6848	(.6633)	.2672	(.1052)	1.6231	(.6390)	.3103	(.1222)	2
OCT-1	2.1382	(.8418)	54100303	1.5086	(.5939)	.3237	(.1274)	1.5347	(.6042)	.3029	(.1193)	OCT-1
2	1.8141	(.7142)	46102403	1.3149	(.5177)	.2899	(.1141)	1.2236	(.4817)	.2910	(.1146)	2
NOV-1	1.4625	(.5758)	50110103	.9996	(.3936)	.2265	(.0892)	.9458	(.3724)	.1789	(.0704)	NOV-1
2	1.5212	(.5989)	71111600	.8846	(.3483)	.3062	(.1206)	.7690	(.3028)	.2413	(.0950)	2
DEC-1	1.2581	(.4953)	46120803	.7720	(.3040)	.2782	(.1095)	.7029	(.2767)	.2419	(.0952)	DEC-1
2	1.1036	(.4345)	59122700	.6459	(.2543)	.1891	(.0745)	.6673	(.2627)	.1893	(.0745)	2

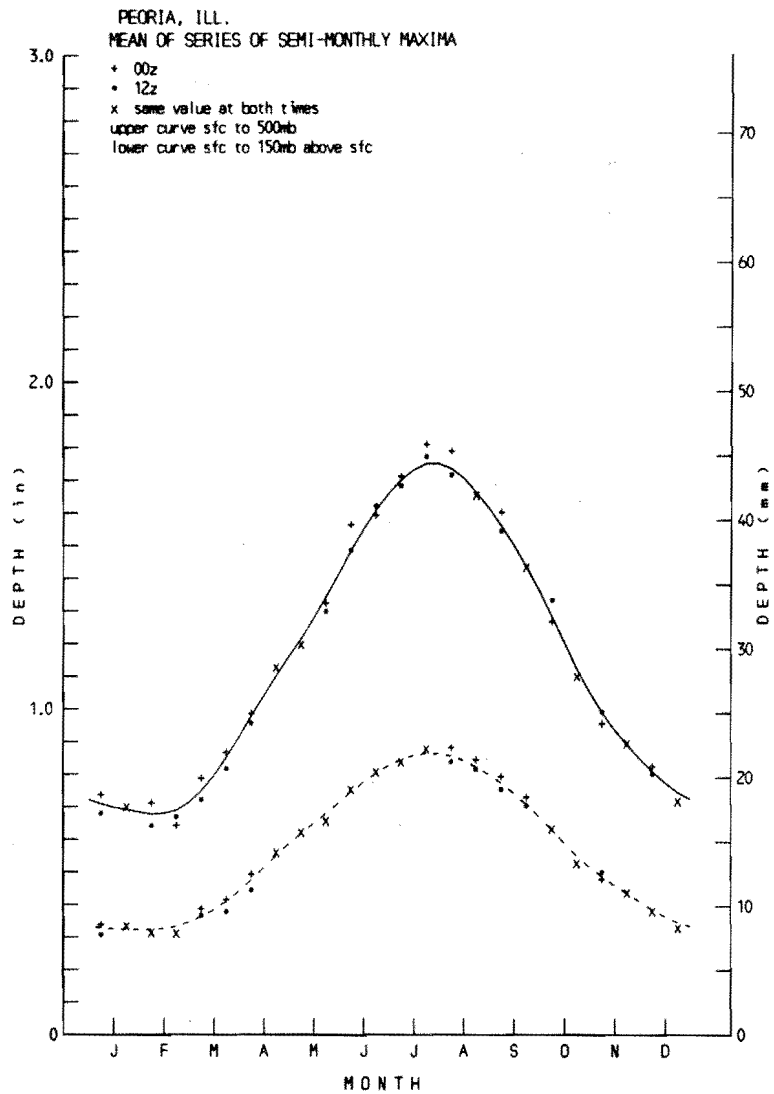

PENSACOLA, FLA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


PENSACOLA, FLA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

PENSACOLA, FLA. 16 YEARS OF RECORD

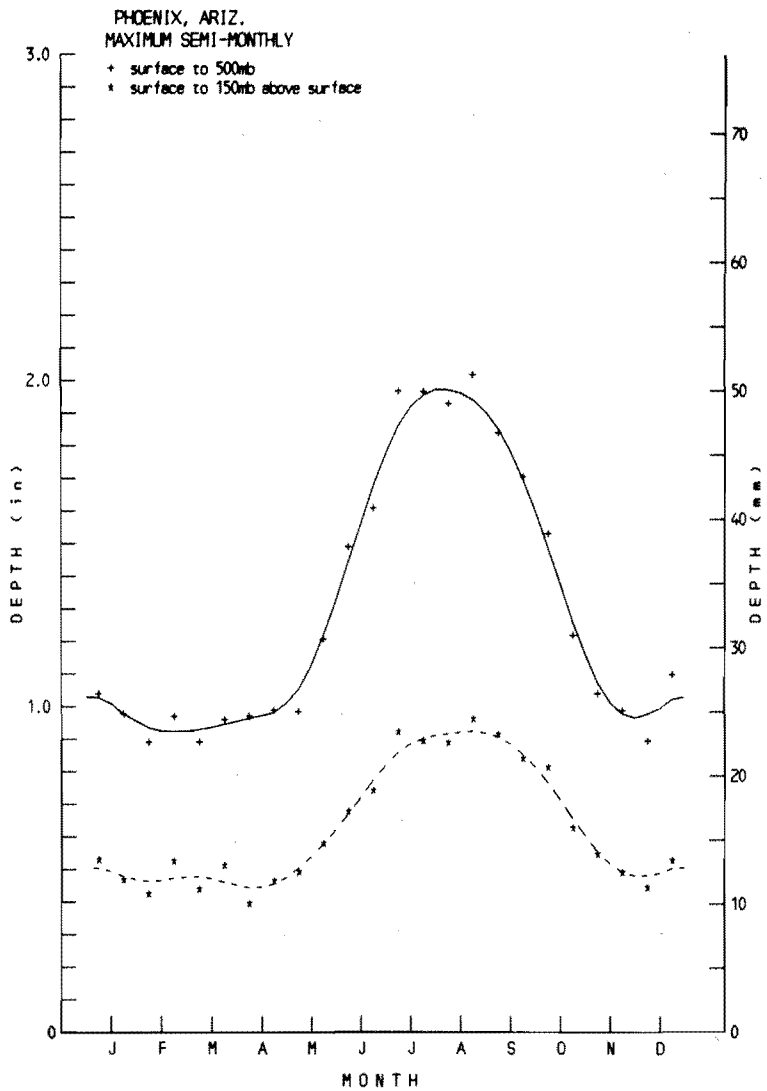
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.8085	(1.4994)	68011000	2.9906	(1.1774)	.7189	(.2830)	2.7275	(1.0746)	.6676	(.2628)	JAN-1
2	3.7511	(1.4768)	70013000	2.9473	(1.1604)	.9394	(.3698)	3.1002	(1.2205)	.3674	(.1446)	2
FEB-1	3.1753	(1.2501)	69020312	2.9593	(1.1651)	.1903	(.0749)	2.4364	(.9592)	.6839	(.2692)	FEB-1
2	3.8765	(1.5262)	61022412	2.3802	(.9371)	.7271	(.2862)	3.2673	(1.2863)	.5526	(.2176)	2
MAR-1	3.6822	(1.4497)	61030812	2.9019	(1.1425)	.2520	(.0992)	3.0685	(1.2081)	.4225	(.1664)	MAR-1
2	4.4392	(1.7477)	70032000	3.5339	(1.3913)	.8242	(.3245)	3.3193	(1.3068)	.4790	(.1886)	2
APR-1	3.8227	(1.5050)	70040212	3.3420	(1.3158)	.2757	(.1085)	3.0761	(1.2110)	.8234	(.3242)	APR-1
2	4.4072	(1.7351)	69041812	2.9220	(1.1504)	1.4449	(.5689)	3.1848	(1.2538)	.8178	(.3220)	2
MAY-1	4.3157	(1.6991)	69050900	3.2828	(1.2924)	1.0577	(.4164)	3.4689	(1.3657)	.6346	(.2498)	MAY-1
2	4.5344	(1.7852)	68052612	3.6130	(1.4224)	.8814	(.3470)	3.7826	(1.4892)	.5211	(.2051)	2
JUN-1	5.4691	(2.1532)	59060912	4.1614	(1.6383)	.2960	(.1165)	4.4531	(1.7532)	.6429	(.2531)	JUN-1
2	5.0602	(1.9922)	68062212	4.5356	(1.7857)	.1786	(.0703)	4.5037	(1.7731)	.3659	(.1441)	2
JUL-1	5.4897	(2.1613)	69071112	4.9784	(1.9600)	.1609	(.0634)	4.9599	(1.9527)	.5266	(.2073)	JUL-1
2	5.2235	(2.0565)	59072112	4.8640	(1.9149)	.4980	(.1961)	4.9336	(1.9423)	.3314	(.1305)	2
AUG-1	5.3307	(2.0987)	68081412	4.8539	(1.9110)	.1867	(.0735)	4.8602	(1.9134)	.3469	(.1366)	AUG-1
2	5.5128	(2.1704)	68082200	4.3134	(1.6982)	1.6191	(.6375)	5.0008	(1.9688)	.1637	(.0644)	2
SEP-1	5.3886	(2.1215)	61091112	4.4941	(1.7693)	.5127	(.2019)	4.6610	(1.8350)	.5240	(.2063)	SEP-1
2	5.4318	(2.1385)	57091812	4.6927	(1.8475)	.4291	(.1690)	4.4309	(1.7445)	.8222	(.3237)	2
OCT-1	5.4397	(2.1416)	59100812	4.4433	(1.7493)	.4225	(.1663)	4.3709	(1.7208)	.8300	(.3268)	OCT-1
2	5.2944	(2.0844)	67103100	4.7755	(1.8801)	.5979	(.2354)	4.3374	(1.7076)	.9260	(.3646)	2
NOV-1	4.5786	(1.8026)	67110100	3.8946	(1.5333)	.6626	(.2609)	2.8806	(1.1341)	.7595	(.2990)	NOV-1
2	4.3000	(1.6929)	68113012	3.0829	(1.2137)	.0781	(.0307)	3.4945	(1.3758)	.7311	(.2879)	2
DEC-1	3.9657	(1.5613)	61121112	3.4189	(1.3460)	.1459	(.0574)	3.4835	(1.3714)	.5588	(.2200)	DEC-1
2	3.9975	(1.5738)	68122300	3.7755	(1.4864)	.2657	(.1046)	3.0054	(1.1832)	.6996	(.2754)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.8890	(.7437)	68010300	1.3597	(.5353)	.5861	(.2308)	1.3862	(.5457)	.2592	(.1020)	JAN-1
2	1.6462	(.6481)	69011912	1.4547	(.5727)	.2381	(.0938)	1.5134	(.5958)	.0991	(.0390)	2
FEB-1	1.7854	(.7029)	60021012	1.3559	(.5338)	.1597	(.0629)	1.4348	(.5649)	.3547	(.1396)	FEB-1
2	1.9700	(.7756)	61022412	1.3115	(.5163)	.3766	(.1483)	1.4949	(.5885)	.4510	(.1776)	2
MAR-1	1.9660	(.7740)	68031012	1.5060	(.5929)	.0382	(.0150)	1.5335	(.6038)	.3088	(.1216)	MAR-1
2	2.2192	(.8737)	70033100	1.7236	(.6786)	.4296	(.1691)	1.6769	(.6602)	.2505	(.0986)	2
APR-1	2.0368	(.8019)	69041512	1.8883	(.7434)	.0772	(.0304)	1.5909	(.6263)	.4650	(.1831)	APR-1
2	2.2616	(.8904)	69041812	1.6563	(.6521)	.7915	(.3116)	1.8079	(.7118)	.3469	(.1366)	2
MAY-1	2.2062	(.8686)	63051312	1.6185	(.6372)	.4498	(.1771)	1.8297	(.7204)	.2621	(.1032)	MAY-1
2	2.2769	(.8964)	68052700	1.9003	(.7481)	.3681	(.1449)	1.9225	(.7569)	.1717	(.0676)	2
JUN-1	2.4567	(.9672)	69061512	2.1218	(.8354)	.2255	(.0888)	2.1867	(.8609)	.2198	(.0866)	JUN-1
2	2.4740	(.9740)	62061812	2.1648	(.8523)	.2410	(.0949)	2.2485	(.8852)	.1687	(.0664)	2
JUL-1	2.6812	(1.0556)	69071112	2.2976	(.9045)	.0663	(.0261)	2.3497	(.9251)	.2300	(.0906)	JUL-1
2	2.5690	(1.0114)	69072512	2.3725	(.9340)	.0936	(.0368)	2.4150	(.9508)	.1650	(.0650)	2
AUG-1	2.5738	(1.0133)	61081012	2.3426	(.9223)	.0977	(.0385)	2.4952	(.9823)	.1023	(.0403)	AUG-1
2	2.5646	(1.0097)	68082012	2.1913	(.8627)	.4427	(.1743)	2.3827	(.9381)	.1516	(.0597)	2
SEP-1	2.4788	(.9759)	61091112	2.0827	(.8199)	.2243	(.0883)	2.2062	(.8686)	.2209	(.0870)	SEP-1
2	2.5684	(1.0112)	57091812	2.1304	(.8387)	.1535	(.0604)	2.1403	(.8426)	.2344	(.0923)	2
OCT-1	2.5202	(.9922)	59100812	1.9945	(.7852)	.2059	(.0811)	2.0693	(.8147)	.3550	(.1398)	OCT-1
2	2.3119	(.9102)	68101812	2.1355	(.8408)	.1416	(.0557)	2.0450	(.8051)	.2378	(.0936)	2
NOV-1	1.8997	(.7479)	61110700	1.7678	(.6960)	.0963	(.0379)	1.5438	(.6078)	.3261	(.1284)	NOV-1
2	2.0076	(.7904)	68111800	1.7220	(.6779)	.3603	(.1418)	1.5980	(.6291)	.2748	(.1082)	2
DEC-1	2.0485	(.8065)	61121112	1.7363	(.6836)	.3016	(.1187)	1.6847	(.6633)	.3831	(.1508)	DEC-1
2	2.1326	(.8396)	67121900	1.8225	(.7175)	.2706	(.1065)	1.6924	(.6663)	.3082	(.1213)	2


PEORIA, ILL.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


PEORIA, ILL.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

PEORIA, ILL. 24 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.3099	(1.3031)	55010503	1.8669	(.7350)	.7764	(.3057)	1.7220	(.6779)	.6924	(.2726)	JAN-1
2	2.8613	(1.1265)	69013000	1.7695	(.6967)	.6118	(.2408)	1.7973	(.7076)	.4876	(.1920)	2
FEB-1	2.5814	(1.0163)	66020900	1.8013	(.7092)	.4001	(.1575)	1.6241	(.6394)	.4119	(.1622)	FEB-1
2	3.1163	(1.2269)	54021603	1.6277	(.6408)	.6073	(.2391)	1.6954	(.6675)	.5527	(.2176)	2
MAR-1	2.7998	(1.1023)	72031300	1.9959	(.7858)	.4896	(.1928)	1.8290	(.7201)	.5890	(.2319)	MAR-1
2	3.3597	(1.3227)	54032503	2.1978	(.8653)	.4909	(.1933)	2.0702	(.8151)	.4620	(.1819)	2
APR-1	3.2949	(1.2972)	56040215	2.4983	(.9836)	.4999	(.1968)	2.4252	(.9548)	.5571	(.2193)	APR-1
2	3.6416	(1.4337)	55042403	2.8757	(1.1322)	.3611	(.1422)	2.8678	(1.1290)	.3716	(.1463)	2
MAY-1	4.0274	(1.5856)	50050915	3.0436	(1.1983)	.3736	(.1471)	3.0535	(1.2022)	.4639	(.1826)	MAY-1
2	4.0442	(1.5922)	70053112	3.3585	(1.3222)	.3919	(.1543)	3.2953	(1.2974)	.5121	(.2016)	2
JUN-1	4.8209	(1.8980)	49061503	3.9667	(1.5617)	.5148	(.2027)	3.7678	(1.4834)	.4160	(.1638)	JUN-1
2	5.2931	(2.0839)	69063012	4.0411	(1.5910)	.5866	(.2310)	4.1143	(1.6198)	.5511	(.2170)	2
JUL-1	5.4285	(2.1372)	49070915	4.3432	(1.7099)	.4999	(.1968)	4.2697	(1.6810)	.5452	(.2147)	JUL-1
2	5.3513	(2.1068)	53071715	4.5894	(1.8069)	.5069	(.1996)	4.4967	(1.7703)	.4721	(.1859)	2
AUG-1	5.4559	(2.1480)	49081215	4.5369	(1.7862)	.3253	(.1281)	4.3545	(1.7144)	.5564	(.2191)	AUG-1
2	5.3437	(2.1038)	51082915	4.2167	(1.6601)	.3213	(.1265)	4.2005	(1.6537)	.4202	(.1654)	2
SEP-1	5.5707	(2.1932)	51090103	4.0634	(1.5997)	.5104	(.2009)	3.9173	(1.5422)	.5091	(.2004)	SEP-1
2	5.0071	(1.9713)	58092512	3.6611	(1.4414)	.4851	(.1910)	3.6428	(1.4342)	.5041	(.1985)	2
OCT-1	4.7610	(1.8744)	71100312	3.2157	(1.2660)	.7215	(.2841)	3.3815	(1.3313)	.7312	(.2879)	OCT-1
2	4.3185	(1.7002)	71102000	2.8067	(1.1050)	.6655	(.2620)	2.7920	(1.0992)	.5662	(.2229)	2
NOV-1	3.5128	(1.3830)	72110200	2.4187	(.9523)	.5507	(.2168)	2.5114	(.9887)	.5559	(.2189)	NOV-1
2	3.3294	(1.3108)	58111800	2.2745	(.8955)	.6151	(.2421)	2.2812	(.8981)	.5847	(.2302)	2
DEC-1	3.0310	(1.1933)	49121103	2.0837	(.8204)	.5167	(.2034)	2.0263	(.7977)	.5074	(.1997)	DEC-1
2	2.8021	(1.1032)	49122115	1.8084	(.7120)	.5121	(.2016)	1.8423	(.7253)	.5336	(.2101)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.5842	(.6237)	52010103	.8541	(.3363)	.3591	(.1414)	.7745	(.3049)	.3594	(.1415)	JAN-1
2	1.4793	(.5824)	50012503	.8636	(.3400)	.3511	(.1382)	.8467	(.3333)	.2914	(.1147)	2
FEB-1	1.4115	(.5557)	54021503	.8197	(.3227)	.2432	(.0958)	.7842	(.3087)	.2195	(.0864)	FEB-1
2	1.5420	(.6071)	54021603	.8022	(.3158)	.3455	(.1360)	.7926	(.3120)	.2934	(.1155)	2
MAR-1	1.5916	(.6266)	56030615	.9778	(.3849)	.3035	(.1195)	.9256	(.3644)	.3476	(.1368)	MAR-1
2	1.5423	(.6072)	54032503	1.0494	(.4131)	.2863	(.1127)	.9557	(.3762)	.2317	(.0912)	2
APR-1	2.0320	(.8000)	72041300	1.2475	(.4911)	.3126	(.1231)	1.1239	(.4425)	.2831	(.1115)	APR-1
2	1.9766	(.7782)	70042912	1.4363	(.5655)	.2084	(.0821)	1.4196	(.5589)	.2109	(.0830)	2
MAY-1	2.0450	(.8051)	70051300	1.6061	(.6323)	.2141	(.0843)	1.5657	(.6164)	.2272	(.0895)	MAY-1
2	2.3797	(.9369)	53052603	1.6907	(.6656)	.2885	(.1136)	1.6606	(.6538)	.2290	(.0901)	2
JUN-1	2.5512	(1.0044)	52061303	1.9453	(.7658)	.2518	(.0991)	1.8963	(.7466)	.2323	(.0915)	JUN-1
2	2.5979	(1.0228)	53061615	2.0689	(.8145)	.2741	(.1079)	2.0461	(.8056)	.2710	(.1067)	2
JUL-1	2.9098	(1.1456)	49070503	2.1550	(.8484)	.2435	(.0959)	2.1154	(.8328)	.2027	(.0798)	JUL-1
2	2.7605	(1.0868)	52072215	2.2535	(.8872)	.2310	(.0909)	2.2164	(.8726)	.2070	(.0815)	2
AUG-1	2.6360	(1.0378)	49081215	2.2347	(.8798)	.1902	(.0749)	2.1250	(.8366)	.2436	(.0959)	AUG-1
2	2.6246	(1.0333)	51082103	2.1393	(.8422)	.2176	(.0857)	2.0658	(.8133)	.1791	(.0705)	2
SEP-1	2.8186	(1.1097)	51090103	2.0097	(.7912)	.2681	(.1056)	1.9094	(.7517)	.2094	(.0824)	SEP-1
2	2.3340	(.9189)	58092512	1.8471	(.7272)	.2504	(.0986)	1.7804	(.7009)	.2802	(.1103)	2
OCT-1	2.4107	(.9491)	49101015	1.5964	(.6285)	.3123	(.1229)	1.6283	(.6410)	.3420	(.1346)	OCT-1
2	1.8948	(.7460)	71102000	1.3634	(.5368)	.2918	(.1149)	1.3265	(.5222)	.2777	(.1093)	2
NOV-1	1.6502	(.6497)	60111512	1.2078	(.4755)	.2309	(.0909)	1.2616	(.4967)	.2565	(.1010)	NOV-1
2	1.6673	(.6564)	58111800	1.1344	(.4466)	.3056	(.1203)	1.0938	(.4306)	.2615	(.1029)	2
DEC-1	1.4486	(.5703)	49121103	.9911	(.3902)	.2796	(.1101)	.9493	(.3737)	.2835	(.1116)	DEC-1
2	1.3421	(.5284)	67122100	.8417	(.3314)	.2637	(.1038)	.8372	(.3296)	.2635	(.1037)	2


PHOENIX, ARIZ.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
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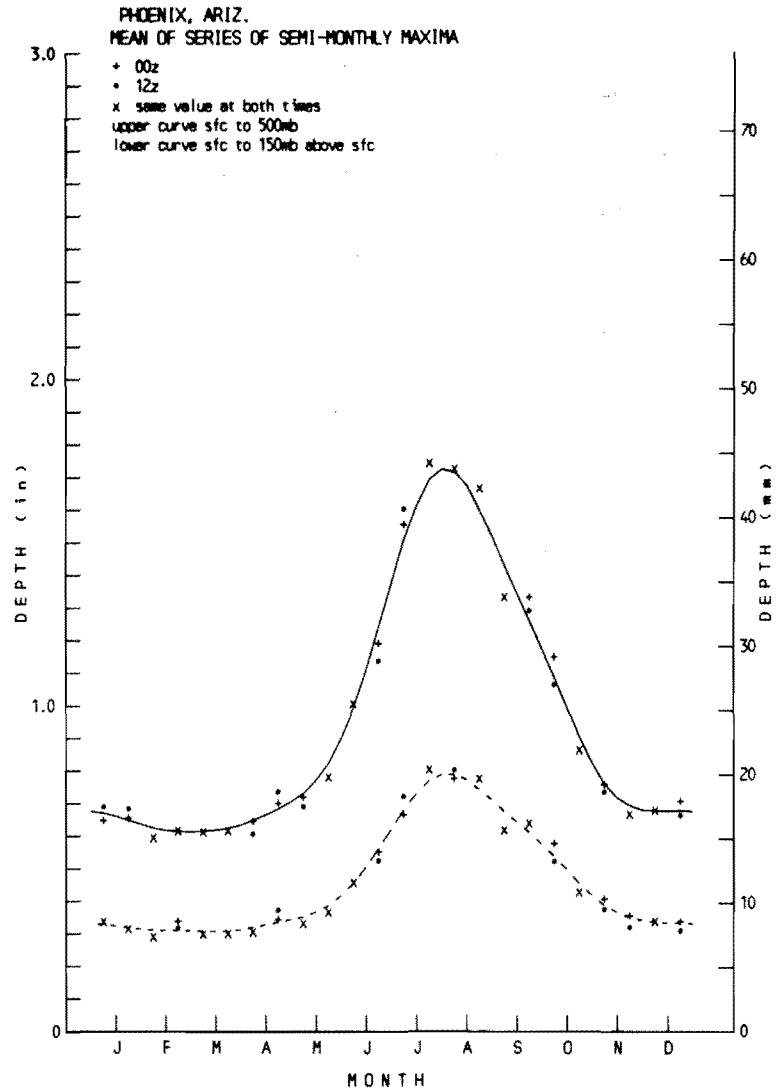
PHOENIX, ARIZ.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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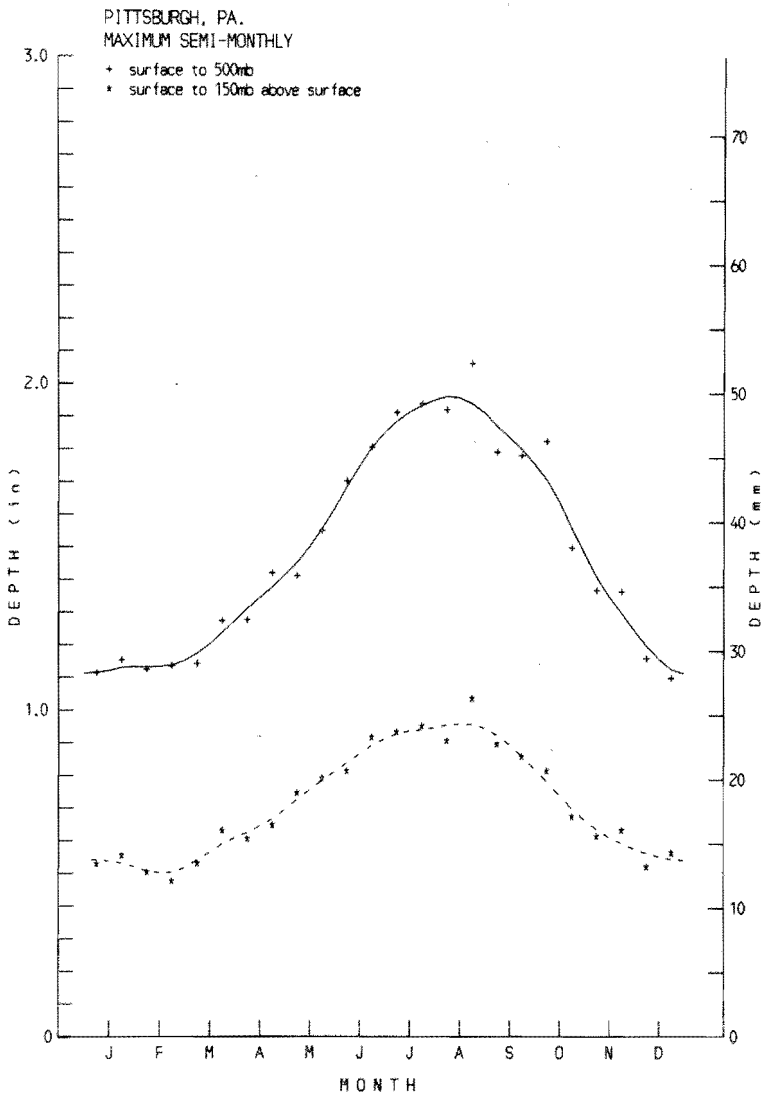
PHOENIX, ARIZ. 12 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.6375	(1.0384)	57010903	1.6406	(.6459)	.3862	(.1521)	1.7465	(.6876)	.3614	(.1423)	JAN-1
2	2.4793	(.9761)	52011815	1.6587	(.6530)	.2475	(.0974)	1.7316	(.6817)	.3780	(.1488)	2
FEB-1	2.2581	(.8890)	57020915	1.5061	(.5929)	.3740	(.1472)	1.5338	(.6038)	.4334	(.1706)	FEB-1
2	2.4592	(.9682)	50022703	1.5584	(.6136)	.4457	(.1755)	1.5875	(.6250)	.4124	(.1624)	2
MAR-1	2.2614	(.8903)	53030903	1.5793	(.6218)	.3582	(.1410)	1.5479	(.6094)	.3374	(.1328)	MAR-1
2	2.4361	(.9591)	54032215	1.5829	(.6232)	.4529	(.1783)	1.5665	(.6167)	.4494	(.1769)	2
APR-1	2.4651	(.9705)	46040503	1.6326	(.6427)	.4185	(.1648)	1.5359	(.6047)	.3368	(.1326)	APR-1
2	2.5113	(.9887)	51041915	1.7748	(.6987)	.4545	(.1789)	1.8645	(.7341)	.3862	(.1521)	2
MAY-1	2.4999	(.9842)	52050203	1.8222	(.7174)	.4332	(.1706)	1.7492	(.6887)	.4092	(.1611)	MAY-1
2	3.0655	(1.2069)	54052103	1.9966	(.7861)	.4808	(.1893)	1.9903	(.7836)	.3707	(.1460)	2
JUN-1	3.7823	(1.4891)	55061315	2.5609	(1.0082)	.6122	(.2410)	2.5755	(1.0140)	.7537	(.2967)	JUN-1
2	4.0838	(1.6078)	54062515	3.0224	(1.1899)	.7472	(.2942)	2.8846	(1.1357)	.8098	(.3188)	2
JUL-1	4.9947	(1.9664)	50070915	3.9478	(1.5543)	.5285	(.2081)	4.0698	(1.6023)	.6149	(.2421)	JUL-1
2	4.9914	(1.9651)	55072415	4.4602	(1.7560)	.4058	(.1598)	4.4163	(1.7387)	.4173	(.1643)	2
AUG-1	4.8981	(1.9284)	54080403	4.3721	(1.7213)	.4050	(.1594)	4.4101	(1.7362)	.3831	(.1508)	AUG-1
2	5.1219	(2.0165)	55082103	4.2534	(1.6746)	.5473	(.2155)	4.2284	(1.6647)	.4399	(.1732)	2
SEP-1	4.6700	(1.8386)	49091315	3.4164	(1.3450)	.8027	(.3160)	3.3764	(1.3293)	.6813	(.2682)	SEP-1
2	4.3287	(1.7042)	47091915	3.3821	(1.3315)	.7491	(.2949)	3.2773	(1.2903)	.7546	(.2971)	2
OCT-1	3.8867	(1.5302)	54100803	2.9159	(1.1480)	.6423	(.2529)	2.7010	(1.0634)	.6788	(.2673)	OCT-1
2	3.0942	(1.2182)	56102315	2.1837	(.8597)	.5137	(.2022)	2.2321	(.8788)	.6091	(.2398)	2
NOV-1	2.6413	(1.0399)	57110200	1.9209	(.7562)	.3723	(.1466)	1.8616	(.7329)	.3689	(.1452)	NOV-1
2	2.5088	(.9877)	50111903	1.6920	(.6661)	.4733	(.1863)	1.7125	(.6742)	.5042	(.1985)	2
DEC-1	2.2718	(.8944)	51121215	1.7379	(.6842)	.3408	(.1342)	1.7293	(.6808)	.3937	(.1550)	DEC-1
2	2.7859	(1.0968)	46122615	1.7897	(.7046)	.5820	(.2291)	1.6807	(.6617)	.6205	(.2443)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.3426	(.5286)	57011103	.8392	(.3304)	.2071	(.0816)	.8894	(.3502)	.2089	(.0822)	JAN-1
2	1.1844	(.4663)	52011815	.7943	(.3127)	.1243	(.0489)	.8234	(.3242)	.1881	(.0741)	2
FEB-1	1.0742	(.4229)	57021303	.7420	(.2921)	.1708	(.0673)	.7494	(.2950)	.1583	(.0623)	FEB-1
2	1.3315	(.5242)	55021803	.8535	(.3360)	.2394	(.0942)	.7991	(.3146)	.1882	(.0741)	2
MAR-1	1.1125	(.4380)	53030903	.7494	(.2950)	.1996	(.0786)	.7841	(.3087)	.2111	(.0831)	MAR-1
2	1.2987	(.5113)	54032303	.7823	(.3080)	.2482	(.0977)	.7610	(.2996)	.2332	(.0918)	2
APR-1	1.0015	(.3943)	46040215	.7673	(.3021)	.2001	(.0788)	.8028	(.3161)	.1663	(.0655)	APR-1
2	1.1778	(.4637)	51041915	.8671	(.3414)	.1866	(.0735)	.9405	(.3703)	.1713	(.0674)	2
MAY-1	1.2487	(.4916)	52050203	.8533	(.3360)	.1883	(.0741)	.8500	(.3346)	.1848	(.0727)	MAY-1
2	1.4714	(.5793)	54052103	.9372	(.3690)	.2358	(.0928)	.9430	(.3713)	.1670	(.0658)	2
JUN-1	1.7170	(.6760)	55061315	1.1506	(.4530)	.2947	(.1160)	1.1910	(.4689)	.3179	(.1252)	JUN-1
2	1.8844	(.7419)	54062515	1.3981	(.5504)	.2949	(.1161)	1.3275	(.5226)	.3917	(.1542)	2
JUL-1	2.3429	(.9224)	50070915	1.6881	(.6646)	.2868	(.1129)	1.8310	(.7209)	.3269	(.1287)	JUL-1
2	2.2715	(.8943)	53071803	2.0354	(.8013)	.1827	(.0719)	2.0729	(.8161)	.1583	(.0623)	2
AUG-1	2.2583	(.8891)	54080503	1.9692	(.7753)	.2129	(.0838)	2.0371	(.8020)	.1972	(.0776)	AUG-1
2	2.4437	(.9621)	55082103	1.9993	(.7871)	.2955	(.1163)	1.9657	(.7739)	.2533	(.0997)	2
SEP-1	2.3205	(.9136)	49091315	1.5648	(.6161)	.3594	(.1415)	1.5969	(.6287)	.3887	(.1530)	SEP-1
2	2.1333	(.8399)	46092003	1.6487	(.6491)	.3822	(.1505)	1.6174	(.6368)	.3723	(.1466)	2
OCT-1	2.0643	(.8127)	46100203	1.4628	(.5759)	.3316	(.1305)	1.3224	(.5206)	.3444	(.1356)	OCT-1
2	1.5905	(.6262)	46102903	1.0948	(.4310)	.2970	(.1169)	1.0995	(.4329)	.3157	(.1243)	2
NOV-1	1.3856	(.5455)	57110200	1.0291	(.4052)	.1954	(.0769)	.9485	(.3734)	.2191	(.0863)	NOV-1
2	1.2438	(.4897)	46112415	.8981	(.3536)	.2598	(.1023)	.8089	(.3185)	.2696	(.1061)	2
DEC-1	1.1265	(.4435)	51121303	.8909	(.3507)	.1761	(.0693)	.8462	(.3332)	.2070	(.0815)	DEC-1
2	1.3348	(.5255)	57121600	.8538	(.3362)	.3038	(.1196)	.7815	(.3077)	.2480	(.0976)	2


PITTSBURGH, PA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
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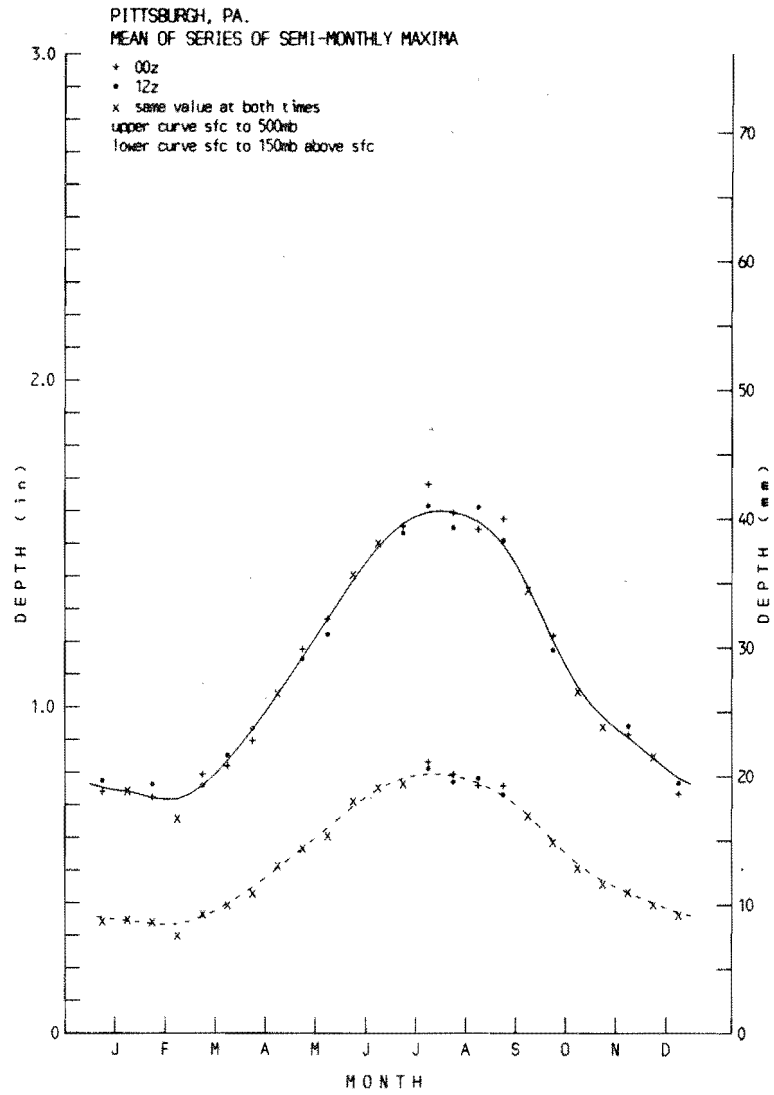
PITTSBURGH, PA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
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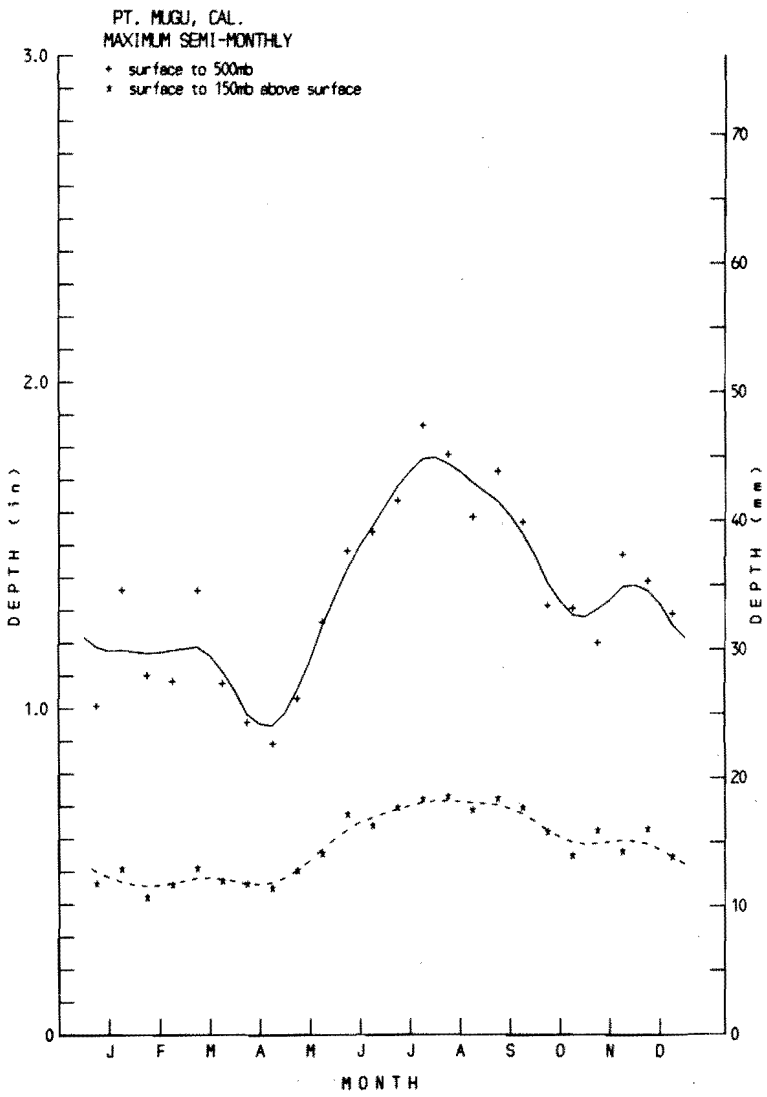
PITTSBURGH, PA. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.8257	(1.1125)	50010615	1.8768	(.7389)	.5114	(.2013)	1.9623	(.7725)	.5109	(.2012)	JAN-1
2	2.9266	(1.1522)	59012112	1.9010	(.7484)	.5383	(.2119)	1.8899	(.7440)	.6362	(.2505)	2
FEB-1	2.8519	(1.1228)	48021403	1.8344	(.7222)	.5522	(.2174)	1.9339	(.7614)	.4367	(.1719)	FEB-1
2	2.8814	(1.1344)	61022300	1.6998	(.6692)	.5664	(.2230)	1.6596	(.6534)	.5290	(.2083)	2
MAR-1	2.8992	(1.1414)	56030803	2.0109	(.7917)	.5208	(.2050)	1.9244	(.7576)	.4824	(.1899)	MAR-1
2	3.2319	(1.2724)	48032115	2.0765	(.8175)	.3963	(.1560)	2.1591	(.8500)	.4873	(.1918)	2
APR-1	3.2377	(1.2747)	72041512	2.2733	(.8950)	.4326	(.1703)	2.3688	(.9326)	.4509	(.1775)	APR-1
2	3.6043	(1.4190)	57042503	2.6699	(1.0511)	.3564	(.1403)	2.6411	(1.0398)	.4156	(.1636)	2
MAY-1	3.5811	(1.4099)	62050200	2.9840	(1.1748)	.2955	(.1163)	2.9102	(1.1457)	.3735	(.1471)	MAY-1
2	3.9337	(1.5487)	53052603	3.2204	(1.2679)	.3448	(.1358)	3.1006	(1.2207)	.3864	(.1521)	2
JUN-1	4.3185	(1.7002)	57061300	3.5763	(1.4080)	.3489	(.1374)	3.5770	(1.4083)	.2951	(.1162)	JUN-1
2	4.5794	(1.8029)	51062503	3.8449	(1.5137)	.5280	(.2079)	3.8004	(1.4962)	.4786	(.1884)	2
JUL-1	4.8519	(1.9102)	57070900	3.9409	(1.5515)	.4268	(.1680)	3.8871	(1.5304)	.3151	(.1240)	JUL-1
2	4.9179	(1.9362)	59073100	4.2672	(1.6800)	.3526	(.1388)	4.0990	(1.6138)	.3926	(.1546)	2
AUG-1	4.8720	(1.9181)	53080503	4.0464	(1.5931)	.3899	(.1535)	3.9308	(1.5475)	.4207	(.1656)	AUG-1
2	5.2309	(2.0594)	59082300	3.9182	(1.5426)	.5107	(.2011)	4.0882	(1.6095)	.4624	(.1820)	2
SEP-1	4.5418	(1.7881)	50090103	3.9986	(1.5742)	.4479	(.1763)	3.8315	(1.5085)	.4384	(.1726)	SEP-1
2	4.5154	(1.7777)	58091700	3.4369	(1.3531)	.4997	(.1967)	3.4805	(1.3703)	.4591	(.1808)	2
OCT-1	4.6246	(1.8207)	54100415	3.0912	(1.2170)	.6065	(.2388)	2.9788	(1.1727)	.6086	(.2396)	OCT-1
2	3.7993	(1.4958)	68101900	2.6801	(1.0551)	.4767	(.1877)	2.6604	(1.0474)	.5288	(.2082)	2
NOV-1	3.4691	(1.3658)	67110200	2.3807	(.9373)	.5252	(.2068)	2.4086	(.9483)	.4935	(.1943)	NOV-1
2	3.4582	(1.3615)	58111712	2.3216	(.9140)	.4428	(.1743)	2.3886	(.9404)	.4810	(.1894)	2
DEC-1	2.9398	(1.1574)	49121215	2.1721	(.8551)	.4435	(.1746)	2.1598	(.8503)	.5482	(.2158)	DEC-1
2	2.7874	(1.0974)	68122812	1.8601	(.7323)	.4916	(.1936)	1.9461	(.7662)	.5684	(.2238)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.3391	(.5272)	52010115	.8715	(.3431)	.2527	(.0995)	.8902	(.3505)	.2536	(.0998)	JAN-1
2	1.4061	(.5536)	49012415	.9042	(.3560)	.2668	(.1051)	.8812	(.3469)	.2820	(.1110)	2
FEB-1	1.2751	(.5020)	49021503	.8550	(.3366)	.2486	(.0979)	.8952	(.3524)	.2264	(.0892)	FEB-1
2	1.2062	(.4749)	57022703	.7922	(.3119)	.2595	(.1022)	.7474	(.2942)	.2363	(.0930)	2
MAR-1	1.3442	(.5292)	56030803	.9294	(.3659)	.2486	(.0979)	.9461	(.3725)	.2586	(.1018)	MAR-1
2	1.5999	(.6299)	48032115	.9907	(.3900)	.2002	(.0788)	1.0221	(.4024)	.2432	(.0958)	2
APR-1	1.5349	(.6043)	72041312	1.0978	(.4322)	.2152	(.0847)	1.0980	(.4323)	.2248	(.0885)	APR-1
2	1.6408	(.6460)	57042503	1.3357	(.5259)	.1541	(.0607)	1.2925	(.5088)	.2018	(.0794)	2
MAY-1	1.8931	(.7453)	56051415	1.4704	(.5789)	.1822	(.0717)	1.4275	(.5620)	.2047	(.0806)	MAY-1
2	2.0076	(.7904)	53052603	1.5666	(.6168)	.1695	(.0668)	1.5260	(.6008)	.2160	(.0851)	2
JUN-1	2.0625	(.8120)	54061303	1.8256	(.7187)	.1449	(.0570)	1.8076	(.7116)	.1296	(.0510)	JUN-1
2	2.3254	(.9155)	59063000	1.9326	(.7608)	.2304	(.0907)	1.9129	(.7531)	.2205	(.0868)	2
JUL-1	2.3685	(.9325)	55071003	1.9588	(.7712)	.1598	(.0629)	1.9483	(.7670)	.1531	(.0603)	JUL-1
2	2.4148	(.9507)	72072300	2.1100	(.8307)	.1688	(.0664)	2.0591	(.8107)	.1535	(.0604)	2
AUG-1	2.3012	(.9060)	56080515	2.0142	(.7930)	.1674	(.0659)	1.9542	(.7694)	.1930	(.0760)	AUG-1
2	2.6276	(1.0345)	68082412	1.9279	(.7590)	.2050	(.0807)	1.9840	(.7811)	.2144	(.0844)	2
SEP-1	2.2746	(.8955)	56090103	1.9244	(.7576)	.1969	(.0775)	1.8533	(.7297)	.1909	(.0752)	SEP-1
2	2.1786	(.8577)	58092612	1.6982	(.6686)	.2038	(.0802)	1.7121	(.6740)	.2345	(.0923)	2
OCT-1	2.0658	(.8133)	54100403	1.5150	(.5964)	.2455	(.0967)	1.4811	(.5831)	.2221	(.0875)	OCT-1
2	1.7102	(.6733)	68101900	1.3042	(.5135)	.1956	(.0770)	1.2852	(.5060)	.2348	(.0924)	2
NOV-1	1.5563	(.6127)	71110212	1.1812	(.4651)	.2576	(.1014)	1.1603	(.4568)	.2203	(.0867)	NOV-1
2	1.6022	(.6308)	58111712	1.1199	(.4409)	.2222	(.0875)	1.0983	(.4324)	.2185	(.0860)	2
DEC-1	1.3185	(.5191)	56120715	1.0261	(.4040)	.2128	(.0838)	1.0006	(.3940)	.2532	(.0997)	DEC-1
2	1.4288	(.5625)	48121615	.9156	(.3605)	.2220	(.0874)	.9452	(.3721)	.2434	(.0958)	2


PT. MUGU, CAL.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
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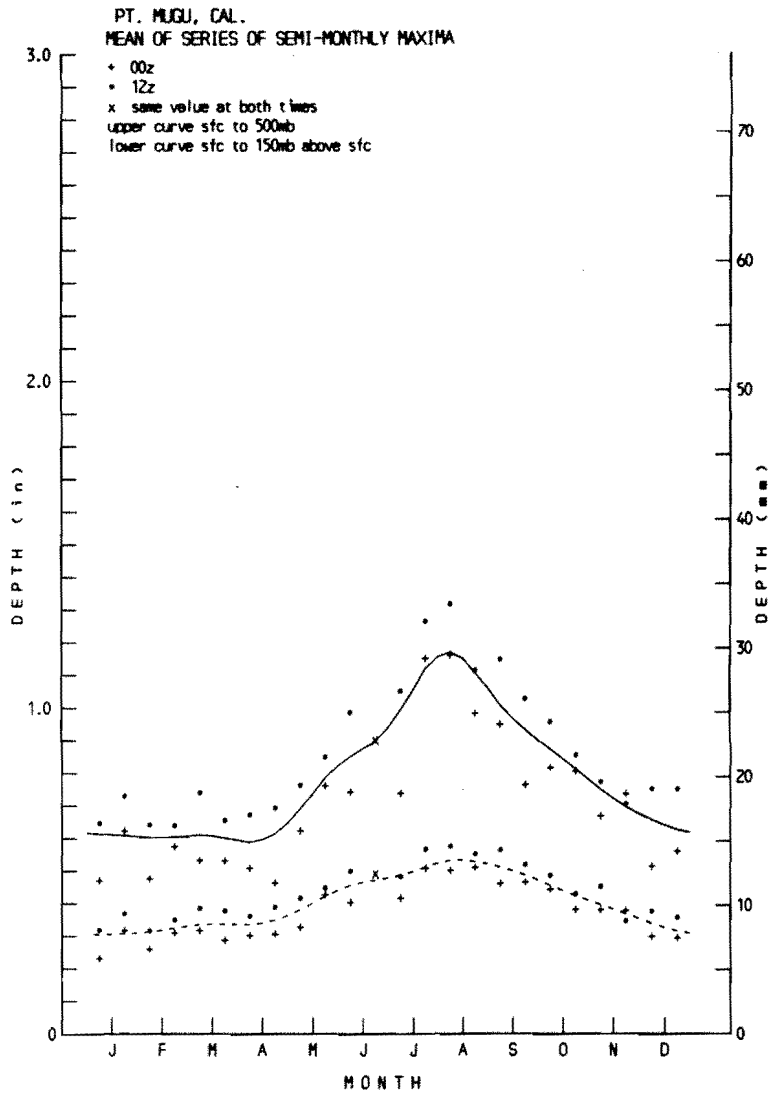
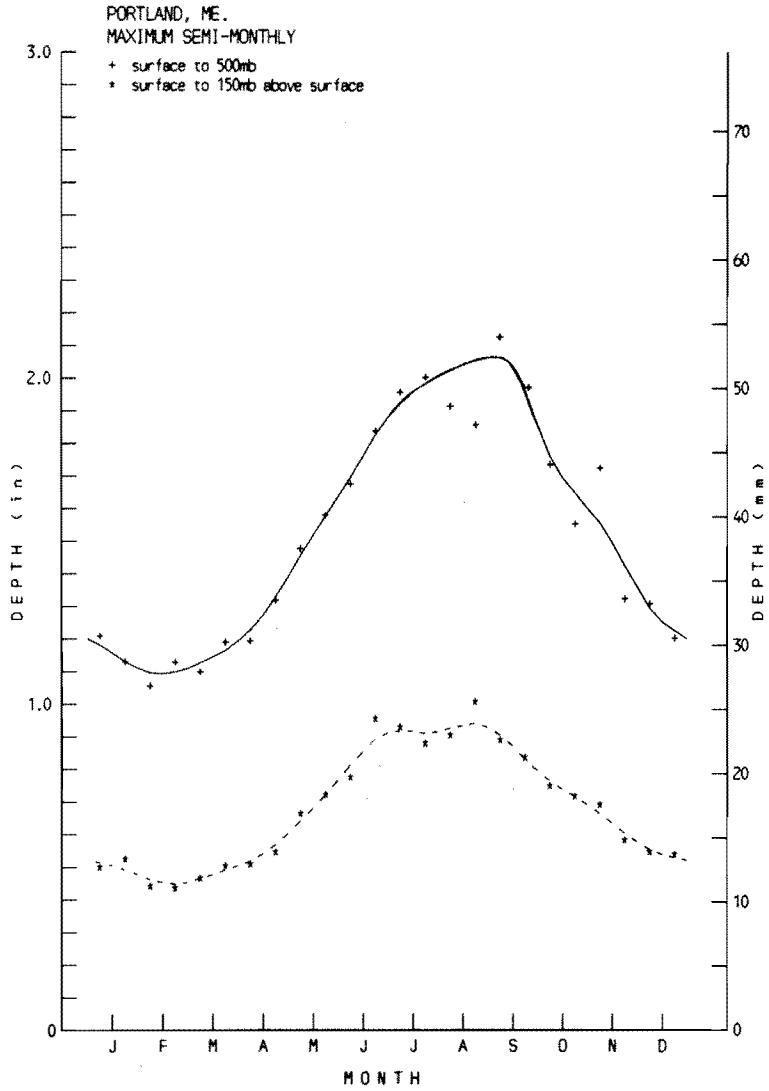
J F M A M J J A S O N D
MONTH


PT. MUGU, CAL.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

PT. MUGU, CAL. 21 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.5575	(1.0069)	69011312	1.1922	(.4694)	.4000	(.1575)	1.6406	(.6459)	.6385	(.2514)	JAN-1
2	3.4569	(1.3610)	70011612	1.5762	(.6206)	.6039	(.2377)	1.8493	(.7281)	.7638	(.3007)	2
FEB-1	2.7943	(1.1001)	57020815	1.2018	(.4732)	.2799	(.1102)	1.6239	(.6393)	.4668	(.1838)	FEB-1
2	2.7475	(1.0817)	55021615	1.4541	(.5725)	.5633	(.2218)	1.6177	(.6369)	.7006	(.2758)	2
MAR-1	3.4534	(1.3596)	54030915	1.3466	(.5301)	.1958	(.0771)	1.8748	(.7381)	.6001	(.2362)	MAR-1
2	2.7328	(1.0759)	67031612	1.3427	(.5286)	.5254	(.2069)	1.6585	(.6530)	.5097	(.2007)	2
APR-1	2.4295	(.9565)	69041012	1.2850	(.5059)	.3916	(.1542)	1.7015	(.6699)	.3243	(.1277)	APR-1
2	2.2614	(.8903)	65042712	1.1704	(.4608)	.3008	(.1184)	1.7555	(.6911)	.3585	(.1412)	2
MAY-1	2.6154	(1.0297)	69050812	1.5771	(.6209)	.1821	(.0717)	1.9349	(.7618)	.3706	(.1459)	MAY-1
2	3.2073	(1.2627)	57052300	1.9290	(.7594)	.6883	(.2710)	2.1532	(.8477)	.4217	(.1660)	2
JUN-1	3.7628	(1.4814)	66061412	1.8784	(.7395)	.4650	(.1831)	2.4994	(.9840)	.4938	(.1944)	JUN-1
2	3.9055	(1.5376)	67063012	2.3065	(.9081)	.7559	(.2976)	2.2852	(.8997)	.6417	(.2526)	2
JUL-1	4.1506	(1.6341)	67070312	1.8694	(.7360)	.5904	(.2324)	2.6663	(1.0497)	1.1498	(.4527)	JUL-1
2	4.7356	(1.8644)	52072515	2.9224	(1.1506)	.6696	(.2636)	3.2089	(1.2633)	.9119	(.3590)	2
AUG-1	4.5093	(1.7753)	65080912	2.9435	(1.1589)	.4597	(.1810)	3.3394	(1.3147)	.9992	(.3934)	AUG-1
2	4.0239	(1.5842)	68082612	2.4913	(.9808)	.6239	(.2456)	2.8261	(1.1126)	.8191	(.3225)	2
SEP-1	4.3802	(1.7245)	54090215	2.4051	(.9469)	.9318	(.3669)	2.9118	(1.1464)	.7642	(.3009)	SEP-1
2	3.9837	(1.5684)	63092312	1.9368	(.7625)	.7397	(.2912)	2.6072	(1.0264)	.8807	(.3467)	2
OCT-1	3.3363	(1.3135)	56100215	2.0671	(.8138)	.2724	(.1072)	2.4240	(.9543)	.6226	(.2451)	OCT-1
2	3.3160	(1.3055)	64102812	2.0416	(.8038)	.5196	(.2046)	2.1659	(.8527)	.6277	(.2471)	2
NOV-1	3.0485	(1.2002)	63111512	1.6903	(.6655)	.4324	(.1702)	1.9578	(.7708)	.6507	(.2562)	NOV-1
2	3.7302	(1.4686)	66112812	1.8627	(.7334)	.8326	(.3278)	1.7866	(.7034)	.9967	(.3924)	2
DEC-1	3.5281	(1.3890)	66120612	1.2980	(.5110)	.5275	(.2077)	1.9010	(.7484)	.7409	(.2917)	DEC-1
2	3.2730	(1.2886)	55122215	1.4154	(.5573)	.8186	(.3223)	1.8999	(.7480)	.7381	(.2906)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.1742	(.4623)	69011512	.5853	(.2304)	.2068	(.0814)	.8059	(.3173)	.2812	(.1107)	JAN-1
2	1.2888	(.5074)	70011612	.7993	(.3147)	.2554	(.1005)	.9312	(.3666)	.1751	(.0690)	2
FEB-1	1.0683	(.4206)	57021415	.6531	(.2571)	.1844	(.0726)	.7972	(.3139)	.1487	(.0586)	FEB-1
2	1.1651	(.4587)	70021712	.7800	(.3071)	.2109	(.0830)	.8830	(.3476)	.2058	(.0810)	2
MAR-1	1.2931	(.5091)	54030915	.7995	(.3148)	.1261	(.0497)	.9728	(.3830)	.1574	(.0620)	MAR-1
2	1.1948	(.4704)	59033100	.7240	(.2850)	.2620	(.1032)	.9536	(.3754)	.0856	(.0337)	2
APR-1	1.1704	(.4608)	69040112	.7605	(.2994)	.2121	(.0835)	.9109	(.3586)	.1363	(.0537)	APR-1
2	1.1369	(.4476)	65042712	.7725	(.3041)	.1670	(.0657)	.9824	(.3868)	.1055	(.0415)	2
MAY-1	1.2761	(.5024)	56050415	.8257	(.3251)	.1238	(.0487)	1.0517	(.4141)	.1086	(.0428)	MAY-1
2	1.4069	(.5539)	69052712	1.0787	(.4247)	.2255	(.0888)	1.1348	(.4468)	.1524	(.0600)	2
JUN-1	1.7137	(.6747)	66061412	1.0183	(.4009)	.1615	(.0636)	1.2625	(.4971)	.1731	(.0681)	JUN-1
2	1.6231	(.6390)	67062112	1.2310	(.4846)	.1616	(.0636)	1.2784	(.5033)	.1697	(.0668)	2
JUL-1	1.7623	(.6938)	54071415	1.0532	(.4146)	.1442	(.0568)	1.2220	(.4811)	.3729	(.1468)	JUL-1
2	1.8308	(.7208)	52072515	1.2862	(.5064)	.1479	(.0582)	1.4343	(.5647)	.2405	(.0947)	2
AUG-1	1.8519	(.7291)	65080912	1.2661	(.4985)	.1938	(.0763)	1.4549	(.5728)	.3152	(.1241)	AUG-1
2	1.7447	(.6869)	67081812	1.2919	(.5086)	.1718	(.0676)	1.3971	(.5500)	.2300	(.0906)	2
SEP-1	1.8349	(.7224)	71091312	1.1659	(.4590)	.3485	(.1372)	1.4279	(.5621)	.3151	(.1241)	SEP-1
2	1.7645	(.6947)	67092912	1.1762	(.4631)	.2959	(.1165)	1.3133	(.5170)	.3373	(.1328)	2
OCT-1	1.5763	(.6206)	56100315	1.1203	(.4411)	.1319	(.0519)	1.2275	(.4833)	.2488	(.0979)	OCT-1
2	1.3934	(.5486)	64102812	.9627	(.3790)	.2911	(.1146)	1.0842	(.4268)	.2285	(.0900)	2
NOV-1	1.5878	(.6251)	63111512	.9620	(.3787)	.2404	(.0947)	1.1430	(.4500)	.2441	(.0961)	NOV-1
2	1.4244	(.5608)	66111712	.9562	(.3764)	.2051	(.0808)	.8762	(.3450)	.3645	(.1435)	2
DEC-1	1.6002	(.6300)	66120612	.7547	(.2971)	.2353	(.0926)	.9495	(.3738)	.3052	(.1202)	DEC-1
2	1.3833	(.5446)	64122412	.7404	(.2915)	.3415	(.1345)	.9003	(.3545)	.3267	(.1286)	2


PORTLAND, ME.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
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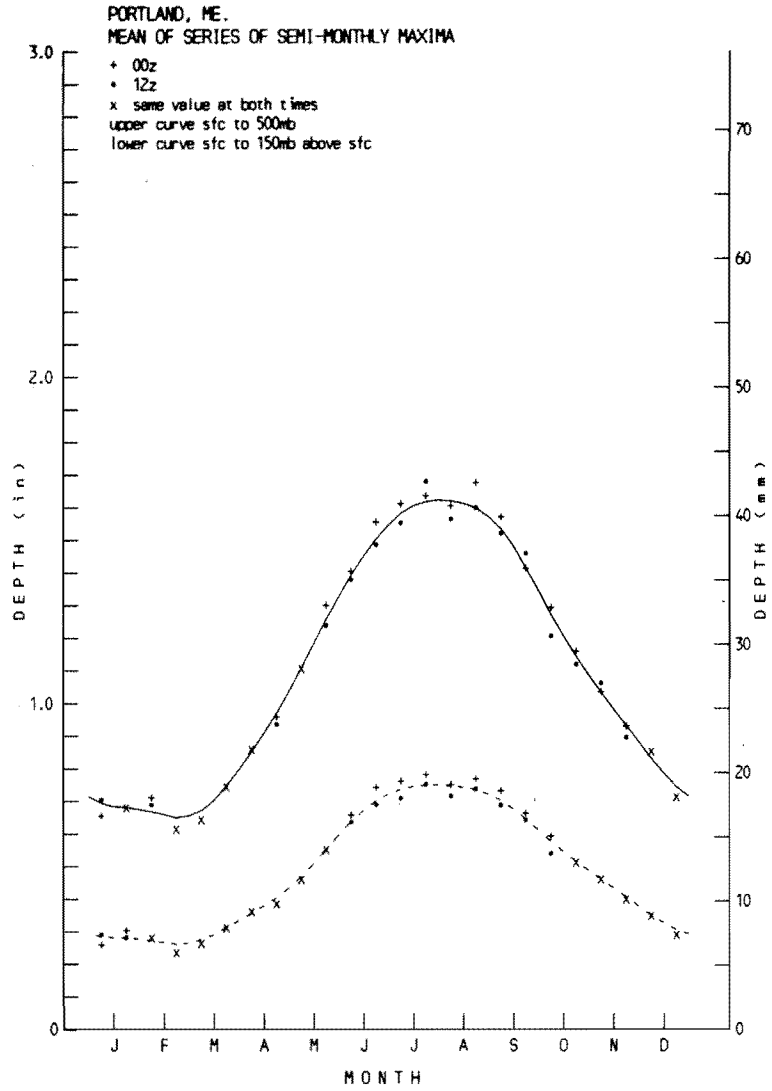
70


PORTLAND, ME.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
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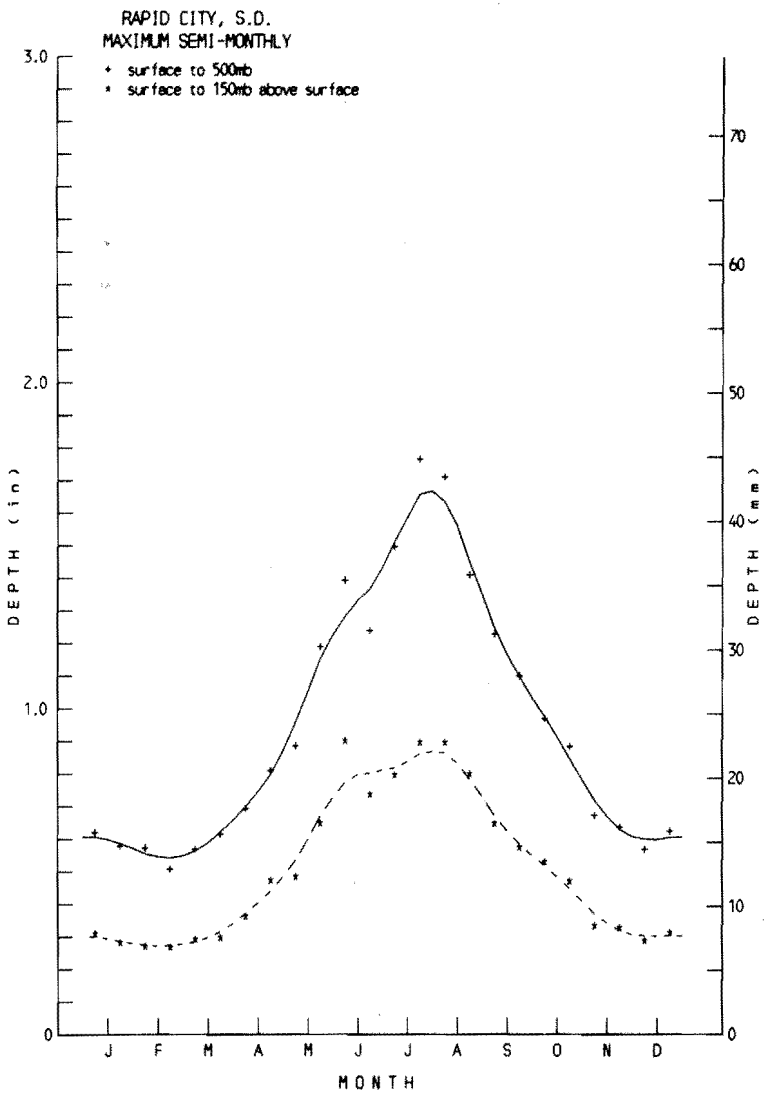
70

PORTLAND, ME. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.0691	(1.2083)	51010403	1.6602	(.6536)	.5908	(.2326)	1.7865	(.7034)	.5907	(.2325)	JAN-1
2	2.8666	(1.1286)	59012212	1.7328	(.6822)	.4351	(.1713)	1.7429	(.6862)	.4858	(.1912)	2
FEB-1	2.6777	(1.0542)	51020203	1.8020	(.7094)	.4547	(.1790)	1.7469	(.6878)	.4634	(.1824)	FEB-1
2	2.8631	(1.1272)	53022115	1.5511	(.6107)	.4484	(.1765)	1.5926	(.6270)	.4858	(.1913)	2
MAR-1	2.7874	(1.0974)	64030512	1.6414	(.6462)	.4067	(.1601)	1.6491	(.6493)	.4834	(.1903)	MAR-1
2	3.0196	(1.1888)	50032815	1.8752	(.7383)	.4874	(.1919)	1.9252	(.7580)	.5830	(.2295)	2
APR-1	3.0295	(1.1927)	48040203	2.1989	(.8657)	.4765	(.1876)	2.1839	(.8598)	.4913	(.1934)	APR-1
2	3.3465	(1.3175)	62042912	2.4307	(.9570)	.4025	(.1585)	2.3731	(.9343)	.4474	(.1762)	2
MAY-1	3.7493	(1.4761)	55050503	2.8301	(1.1142)	.4662	(.1835)	2.8111	(1.1067)	.3176	(.1250)	MAY-1
2	4.0084	(1.5781)	57052403	3.3016	(1.2998)	.4058	(.1598)	3.1453	(1.2383)	.4353	(.1714)	2
JUN-1	4.2507	(1.6735)	70060400	3.5648	(1.4035)	.4042	(.1591)	3.5034	(1.3793)	.3543	(.1395)	JUN-1
2	4.6624	(1.8356)	49062603	3.9491	(1.5548)	.4233	(.1667)	3.7727	(1.4853)	.3997	(.1574)	2
JUL-1	4.9649	(1.9547)	55071003	4.0921	(1.6110)	.3858	(.1519)	3.9429	(1.5523)	.4446	(.1750)	JUL-1
2	5.0818	(2.0007)	55071615	4.1532	(1.6351)	.4764	(.1876)	4.2663	(1.6797)	.4649	(.1830)	2
AUG-1	4.8572	(1.9123)	55081403	4.0757	(1.6046)	.4267	(.1680)	3.9740	(1.5646)	.4040	(.1591)	AUG-1
2	4.7412	(1.8666)	67082800	4.2558	(1.6755)	.5535	(.2179)	4.0616	(1.5991)	.5411	(.2130)	2
SEP-1	5.3904	(2.1222)	46091015	3.9895	(1.5707)	.5136	(.2022)	3.8633	(1.5210)	.6642	(.2615)	SEP-1
2	5.0043	(1.9702)	58092612	3.5887	(1.4129)	.5615	(.2211)	3.7061	(1.4591)	.6461	(.2544)	2
OCT-1	4.4023	(1.7332)	59100200	3.2850	(1.2933)	.5540	(.2181)	3.0639	(1.2062)	.6261	(.2465)	OCT-1
2	3.9411	(1.5516)	59102500	2.9434	(1.1588)	.4839	(.1905)	2.8434	(1.1194)	.4762	(.1875)	2
NOV-1	4.3751	(1.7225)	66110312	2.6288	(1.0350)	.7190	(.2831)	2.6976	(1.0620)	.6462	(.2544)	NOV-1
2	3.3599	(1.3228)	54112103	2.3615	(.9297)	.5127	(.2019)	2.2735	(.8951)	.4744	(.1868)	2
DEC-1	3.3198	(1.3070)	66121112	2.1861	(.8607)	.5152	(.2029)	2.1646	(.8522)	.4966	(.1955)	DEC-1
2	3.0516	(1.2014)	64122700	1.8334	(.7218)	.5718	(.2251)	1.8063	(.7112)	.4766	(.1876)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.2670	(.4988)	50010415	.6547	(.2578)	.2524	(.0994)	.7350	(.2894)	.2466	(.0971)	JAN-1
2	1.3292	(.5233)	50012615	.7677	(.3023)	.2433	(.0958)	.7124	(.2805)	.2629	(.1035)	2
FEB-1	1.1194	(.4407)	70020400	.7185	(.2829)	.2009	(.0791)	.7288	(.2869)	.1988	(.0783)	FEB-1
2	1.1041	(.4347)	53022115	.6081	(.2394)	.2152	(.0847)	.6049	(.2381)	.2079	(.0819)	2
MAR-1	1.1801	(.4646)	64030600	.7039	(.2771)	.1980	(.0779)	.6589	(.2594)	.1994	(.0785)	MAR-1
2	1.2766	(.5026)	48032203	.8092	(.3186)	.2237	(.0881)	.7945	(.3128)	.2186	(.0861)	2
APR-1	1.2893	(.5076)	54040815	.9401	(.3701)	.2347	(.0924)	.9142	(.3599)	.2497	(.0983)	APR-1
2	1.3833	(.5446)	62042912	.9897	(.3896)	.1912	(.0753)	.9852	(.3879)	.1884	(.0742)	2
MAY-1	1.6830	(.6626)	55050503	1.1610	(.4571)	.2450	(.0964)	1.1975	(.4715)	.1916	(.0754)	MAY-1
2	1.8311	(.7209)	46052603	1.4314	(.5636)	.2106	(.0829)	1.3879	(.5464)	.2032	(.0800)	2
JUN-1	1.9672	(.7745)	50061103	1.6670	(.6563)	.1563	(.0615)	1.6121	(.6347)	.1735	(.0683)	JUN-1
2	2.4247	(.9546)	59063000	1.8824	(.7411)	.2222	(.0875)	1.7481	(.6882)	.1743	(.0686)	2
JUL-1	2.3589	(.9287)	68070200	1.9313	(.7604)	.1655	(.0652)	1.7972	(.7076)	.1773	(.0698)	JUL-1
2	2.2319	(.8787)	72072200	1.9827	(.7806)	.1764	(.0695)	1.9081	(.7512)	.1638	(.0645)	2
AUG-1	2.2974	(.9045)	55081503	1.9054	(.7502)	.2147	(.0845)	1.8156	(.7148)	.1503	(.0592)	AUG-1
2	2.5580	(1.0071)	47082503	1.9490	(.7673)	.2292	(.0902)	1.8707	(.7365)	.1670	(.0657)	2
SEP-1	2.2583	(.8891)	46091015	1.8575	(.7313)	.2137	(.0841)	1.7460	(.6874)	.2382	(.0938)	SEP-1
2	2.1214	(.8352)	58092612	1.6816	(.6621)	.2554	(.1006)	1.6298	(.6417)	.2775	(.1093)	2
OCT-1	1.8997	(.7479)	54101203	1.5050	(.5925)	.2264	(.0891)	1.3689	(.5389)	.2598	(.1023)	OCT-1
2	1.8209	(.7169)	54101603	1.3302	(.5237)	.2155	(.0849)	1.2953	(.5100)	.2103	(.0828)	2
NOV-1	1.7539	(.6905)	66110312	1.1663	(.4592)	.3110	(.1224)	1.1962	(.4709)	.2951	(.1162)	NOV-1
2	1.4783	(.5820)	54112103	1.0361	(.4079)	.2129	(.0838)	1.0121	(.3984)	.1905	(.0750)	2
DEC-1	1.3871	(.5461)	66121112	.8900	(.3504)	.2652	(.1044)	.9035	(.3557)	.2310	(.0909)	DEC-1
2	1.3665	(.5380)	64122700	.7439	(.2929)	.2692	(.1060)	.7472	(.2942)	.2612	(.1028)	2


RAPID CITY, S.D.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
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70
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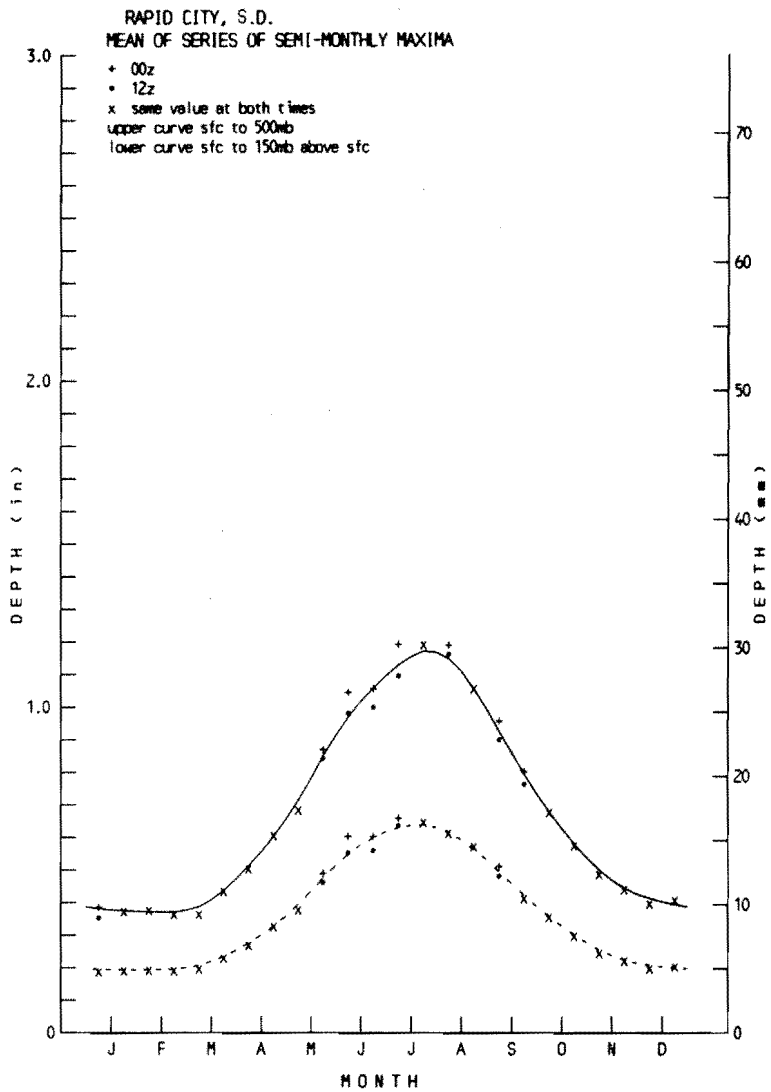
J F M A M J J A S O N D
MONTH


RAPID CITY, S.D.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
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70
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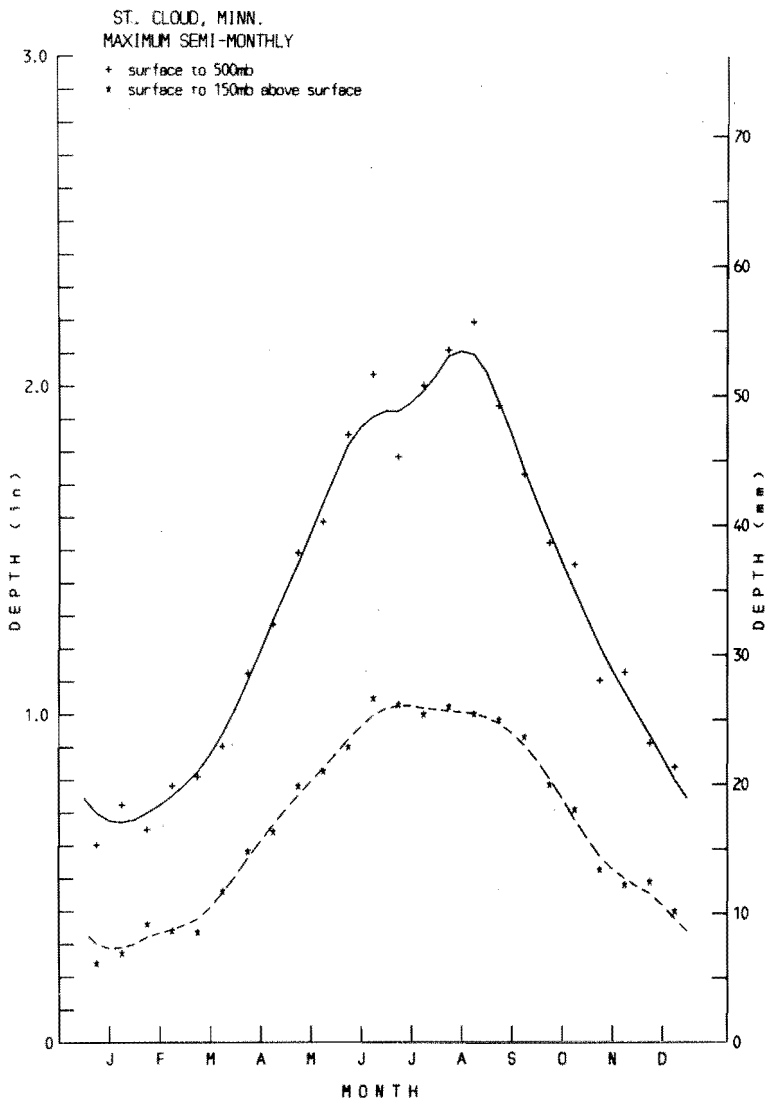
J F M A M J J A S O N D
MONTH

RAPID CITY, S.D. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.5720	(.6189)	69011512	.9739	(.3834)	.1970	(.0776)	.8923	(.3513)	.1986	(.0782)	JAN-1
2	1.4671	(.5776)	68012400	.9687	(.3814)	.2046	(.0805)	.9368	(.3688)	.1818	(.0716)	2
FEB-1	1.4539	(.5724)	62021200	.9701	(.3819)	.1791	(.0705)	.9542	(.3757)	.1786	(.0703)	FEB-1
2	1.2888	(.5074)	48022715	.9430	(.3713)	.1942	(.0765)	.9207	(.3625)	.1836	(.0723)	2
MAR-1	1.4420	(.5677)	54031003	.9332	(.3674)	.2169	(.0854)	.9278	(.3653)	.1581	(.0622)	MAR-1
2	1.5588	(.6137)	46032103	1.1038	(.4346)	.2050	(.0807)	1.1157	(.4393)	.1942	(.0765)	2
APR-1	1.7567	(.6916)	69041300	1.2922	(.5087)	.2238	(.0881)	1.2799	(.5039)	.1664	(.0655)	APR-1
2	2.0551	(.8091)	60042312	1.5369	(.6051)	.2662	(.1048)	1.5582	(.6135)	.2496	(.0983)	2
MAY-1	2.2482	(.8851)	51051303	1.7606	(.6931)	.2369	(.0933)	1.7286	(.6806)	.1636	(.0644)	MAY-1
2	3.0213	(1.1895)	53052903	2.2069	(.8689)	.3141	(.1237)	2.1363	(.8411)	.2646	(.1042)	2
JUN-1	3.5375	(1.3927)	53061203	2.6517	(1.0440)	.3742	(.1473)	2.4897	(.9802)	.2574	(.1014)	JUN-1
2	3.1448	(1.2381)	54062715	2.6802	(1.0552)	.2639	(.1039)	2.5374	(.9990)	.2901	(.1142)	2
JUL-1	3.7968	(1.4948)	66070200	3.0269	(1.1917)	.3252	(.1280)	2.7799	(1.0944)	.3206	(.1262)	JUL-1
2	4.4778	(1.7629)	51072915	3.0340	(1.1945)	.5215	(.2053)	3.0373	(1.1958)	.4558	(.1795)	2
AUG-1	4.3383	(1.7080)	53080203	3.0200	(1.1890)	.5081	(.2000)	2.9498	(1.1613)	.3734	(.1470)	AUG-1
2	3.5784	(1.4088)	55082703	2.7011	(1.0634)	.3434	(.1352)	2.6872	(1.0580)	.4013	(.1580)	2
SEP-1	3.1204	(1.2285)	53090203	2.4286	(.9561)	.3819	(.1504)	2.2827	(.8987)	.3190	(.1256)	SEP-1
2	2.7940	(1.1000)	63091900	2.0347	(.8011)	.4123	(.1623)	1.9371	(.7627)	.3056	(.1203)	2
OCT-1	2.4608	(.9688)	62100612	1.7208	(.6775)	.3119	(.1228)	1.7306	(.6813)	.3609	(.1421)	OCT-1
2	2.2428	(.8830)	63102012	1.4602	(.5749)	.2826	(.1112)	1.4729	(.5799)	.2745	(.1081)	2
NOV-1	1.7059	(.6716)	64110100	1.2387	(.4877)	.1812	(.0713)	1.2473	(.4911)	.1343	(.0529)	NOV-1
2	1.6126	(.6349)	65111800	1.1355	(.4470)	.1599	(.0630)	1.1145	(.4388)	.1654	(.0651)	2
DEC-1	1.4409	(.5673)	46120715	1.0066	(.3963)	.1303	(.0513)	1.0219	(.4023)	.1935	(.0762)	DEC-1
2	1.5832	(.6233)	64122312	1.0292	(.4052)	.2015	(.0793)	1.0511	(.4138)	.2134	(.0840)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.7838	(.3086)	69011512	.4988	(.1964)	.0859	(.0338)	.4628	(.1822)	.0949	(.0374)	JAN-1
2	.7160	(.2819)	50012403	.5055	(.1990)	.0987	(.0389)	.4744	(.1868)	.0937	(.0369)	2
FEB-1	.6873	(.2706)	62020300	.4963	(.1954)	.0780	(.0307)	.4938	(.1944)	.1013	(.0399)	FEB-1
2	.6774	(.2667)	50021715	.5060	(.1992)	.0909	(.0358)	.4737	(.1865)	.1015	(.0400)	2
MAR-1	.7407	(.2916)	54031003	.5206	(.2050)	.0993	(.0391)	.4905	(.1931)	.0808	(.0318)	MAR-1
2	.7526	(.2963)	60032812	.5967	(.2349)	.0894	(.0352)	.5823	(.2292)	.1017	(.0400)	2
APR-1	.9185	(.3616)	67041300	.7025	(.2766)	.1254	(.0494)	.6748	(.2657)	.0992	(.0391)	APR-1
2	1.1994	(.4722)	64042512	.8485	(.3340)	.1399	(.0551)	.8246	(.3247)	.1528	(.0602)	2
MAY-1	1.2283	(.4836)	51051303	.9721	(.3827)	.1294	(.0509)	.9617	(.3786)	.1198	(.0471)	MAY-1
2	1.6447	(.6475)	53052903	1.2393	(.4879)	.1890	(.0744)	1.1678	(.4598)	.1397	(.0550)	2
JUN-1	2.2898	(.9015)	53061203	1.5288	(.6019)	.2448	(.0964)	1.3994	(.5509)	.1369	(.0539)	JUN-1
2	1.8710	(.7366)	53061903	1.5278	(.6015)	.1994	(.0785)	1.4194	(.5588)	.1596	(.0628)	2
JUL-1	2.0198	(.7952)	53070103	1.6705	(.6577)	.2021	(.0796)	1.6115	(.6345)	.1725	(.0679)	JUL-1
2	2.2746	(.8955)	51072915	1.6456	(.6479)	.2876	(.1132)	1.6523	(.6505)	.2168	(.0854)	2
AUG-1	2.2733	(.8950)	70080700	1.5779	(.6212)	.2657	(.1046)	1.5533	(.6115)	.2310	(.0910)	AUG-1
2	2.0300	(.7992)	54083003	1.4718	(.5794)	.2427	(.0955)	1.4506	(.5711)	.2142	(.0843)	2
SEP-1	1.6431	(.6469)	53090203	1.2945	(.5096)	.2044	(.0805)	1.2185	(.4797)	.1726	(.0680)	SEP-1
2	1.4562	(.5733)	63091812	1.0785	(.4246)	.2288	(.0901)	1.0326	(.4065)	.2134	(.0840)	2
OCT-1	1.3444	(.5293)	62100600	.8979	(.3535)	.1885	(.0742)	.9201	(.3622)	.1851	(.0729)	OCT-1
2	1.1933	(.4698)	53102103	.7745	(.3049)	.1784	(.0702)	.7512	(.2958)	.1619	(.0638)	2
NOV-1	.8445	(.3325)	64110100	.6303	(.2481)	.0993	(.0391)	.6244	(.2458)	.0919	(.0362)	NOV-1
2	.8288	(.3263)	65111800	.5760	(.2268)	.0808	(.0318)	.5589	(.2200)	.0831	(.0327)	2
DEC-1	.7297	(.2873)	46120715	.5060	(.1992)	.0607	(.0239)	.5108	(.2011)	.0768	(.0302)	DEC-1
2	.7912	(.3115)	64122312	.5145	(.2026)	.0993	(.0391)	.5325	(.2096)	.0951	(.0375)	2


ST. CLOUD, MINN.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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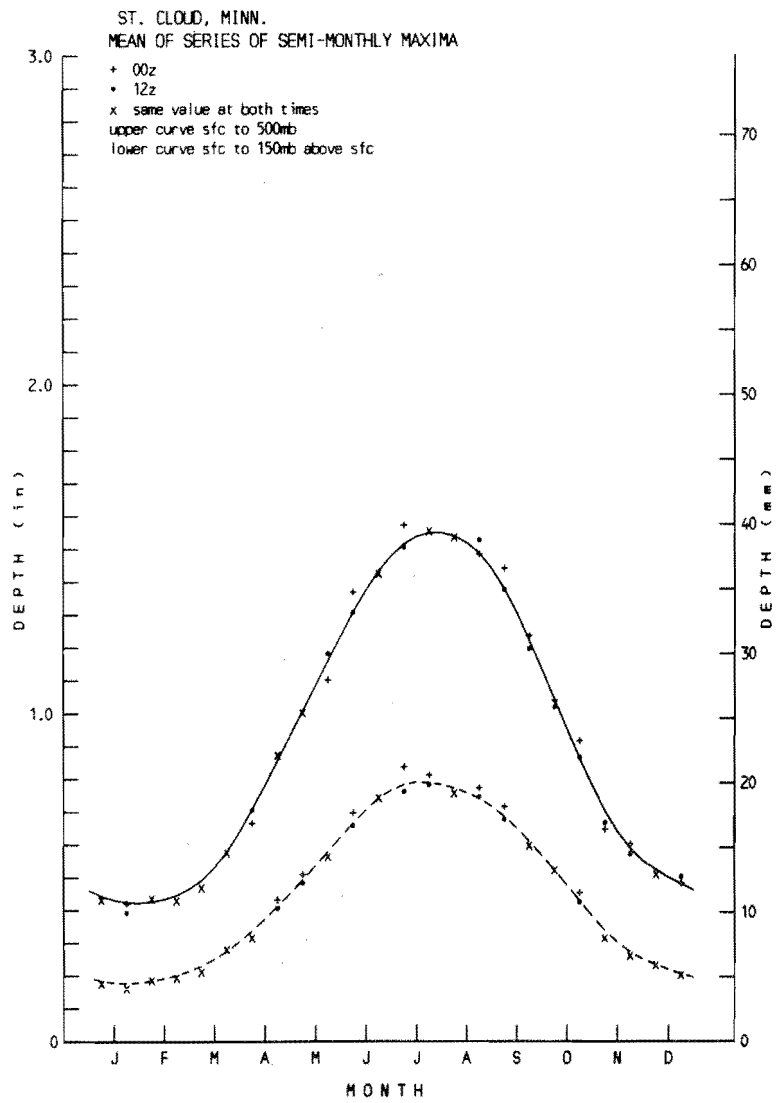
ST. CLOUD, MINN.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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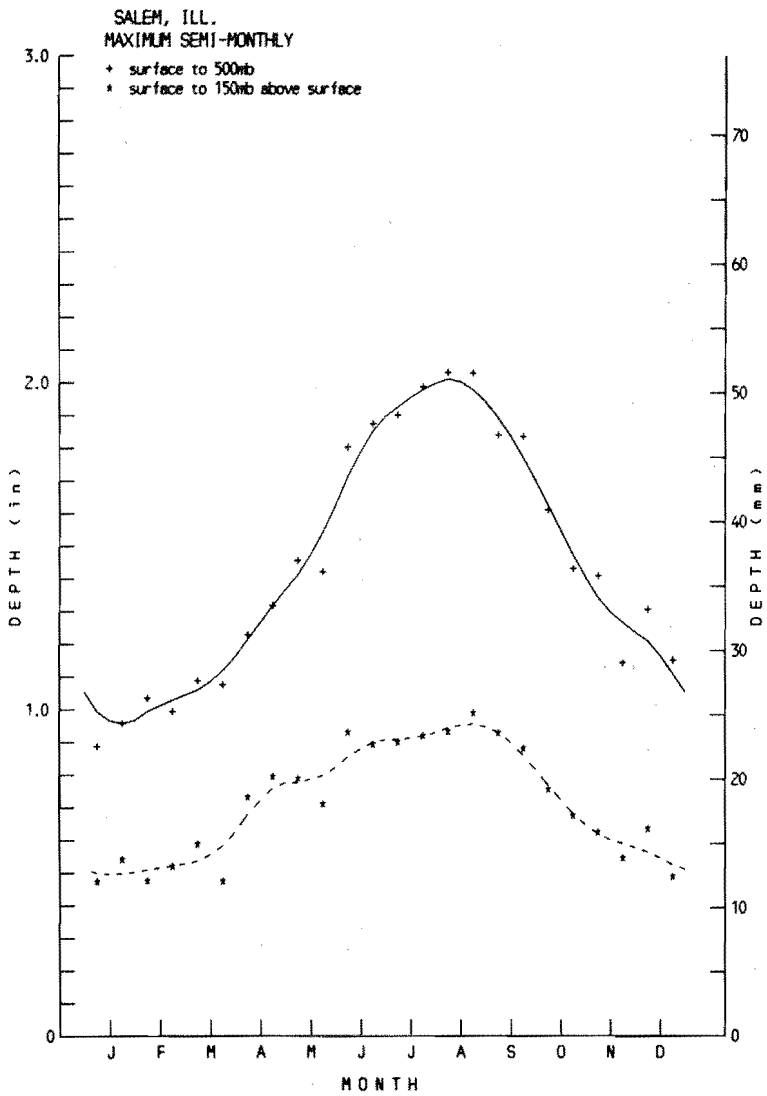
ST. CLOUD, MINN. 26 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.5276	(.6014)	48010815	1.1174	(.4399)	.2176	(.0857)	1.0938	(.4306)	.1947	(.0767)	JAN-1
2	1.8379	(.7236)	69011600	1.0630	(.4185)	.3384	(.1332)	.9929	(.3909)	.2189	(.0862)	2
FEB-1	1.6462	(.6481)	62021212	1.1126	(.4380)	.2863	(.1127)	1.1192	(.4406)	.2906	(.1144)	FEB-1
2	1.9840	(.7811)	51022503	1.1001	(.4331)	.3129	(.1232)	1.1003	(.4332)	.3257	(.1282)	2
MAR-1	2.0574	(.8100)	70030312	1.2033	(.4737)	.3106	(.1223)	1.1963	(.4710)	.3375	(.1329)	MAR-1
2	2.2898	(.9015)	48032603	1.4588	(.5743)	.3911	(.1540)	1.4827	(.5837)	.3865	(.1522)	2
APR-1	2.8572	(1.1249)	63040212	1.6883	(.6647)	.4629	(.1822)	1.7891	(.7044)	.4247	(.1672)	APR-1
2	3.2355	(1.2738)	57042003	2.2416	(.8825)	.4532	(.1784)	2.2178	(.8731)	.4055	(.1596)	2
MAY-1	3.7889	(1.4917)	49050503	2.5595	(1.0077)	.5421	(.2134)	2.5562	(1.0064)	.4826	(.1900)	MAY-1
2	4.0279	(1.5858)	65052500	2.7991	(1.1020)	.6341	(.2497)	3.0045	(1.1829)	.3867	(.1523)	2
JUN-1	4.6995	(1.8502)	52061303	3.4781	(1.3693)	.4088	(.1609)	3.3206	(1.3073)	.2332	(.0918)	JUN-1
2	5.1641	(2.0331)	52061603	3.6297	(1.4290)	.5821	(.2292)	3.6348	(1.4310)	.3907	(.1538)	2
JUL-1	4.5291	(1.7831)	63071212	3.9944	(1.5726)	.3018	(.1188)	3.8244	(1.5057)	.4530	(.1783)	JUL-1
2	5.0777	(1.9991)	55073003	3.9788	(1.5665)	.5622	(.2214)	3.9454	(1.5533)	.3878	(.1527)	2
AUG-1	5.3510	(2.1067)	58080500	3.9106	(1.5396)	.6512	(.2564)	3.9180	(1.5425)	.4372	(.1721)	AUG-1
2	5.5672	(2.1918)	59082112	3.7720	(1.4851)	.5391	(.2122)	3.8789	(1.5271)	.6082	(.2395)	2
SEP-1	4.9215	(1.9376)	53090203	3.6609	(1.4413)	.5979	(.2354)	3.4975	(1.3770)	.4571	(.1799)	SEP-1
2	4.3945	(1.7301)	47091915	3.1409	(1.2366)	.6472	(.2548)	3.0419	(1.1976)	.6327	(.2491)	2
OCT-1	3.8644	(1.5214)	50100103	2.6421	(1.0402)	.5703	(.2245)	2.5904	(1.0198)	.5264	(.2072)	OCT-1
2	3.6987	(1.4562)	71101900	2.3279	(.9165)	.5390	(.2122)	2.1993	(.8658)	.5852	(.2304)	2
NOV-1	2.8024	(1.1033)	56110315	1.6424	(.6466)	.3617	(.1424)	1.6962	(.6678)	.3526	(.1388)	NOV-1
2	2.8649	(1.1279)	58111800	1.5282	(.6016)	.4139	(.1630)	1.4513	(.5714)	.4335	(.1707)	2
DEC-1	2.3165	(.9120)	51120315	1.3248	(.5216)	.3721	(.1465)	1.2821	(.5047)	.3529	(.1389)	DEC-1
2	2.1323	(.8395)	67121712	1.2250	(.4823)	.3313	(.1304)	1.2763	(.5025)	.3324	(.1309)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.6121	(.2410)	53011303	.4555	(.1793)	.0856	(.0337)	.4572	(.1800)	.0800	(.0315)	JAN-1
2	.6886	(.2711)	68012900	.4271	(.1681)	.0976	(.0384)	.4132	(.1627)	.1116	(.0439)	2
FEB-1	.9159	(.3606)	66020912	.4862	(.1914)	.1199	(.0472)	.4800	(.1890)	.1473	(.0580)	FEB-1
2	.8636	(.3400)	58022612	.5083	(.2001)	.1262	(.0497)	.4954	(.1950)	.1453	(.0572)	2
MAR-1	.8534	(.3360)	70030312	.5600	(.2205)	.1508	(.0594)	.5351	(.2107)	.1588	(.0625)	MAR-1
2	1.1687	(.4601)	67033012	.7410	(.2917)	.2282	(.0898)	.7042	(.2773)	.2334	(.0919)	2
APR-1	1.4788	(.5822)	63040200	.8076	(.3180)	.2158	(.0850)	.8162	(.3213)	.2341	(.0921)	APR-1
2	1.6312	(.6422)	57042003	1.0966	(.4317)	.2843	(.1119)	1.0323	(.4064)	.2306	(.0908)	2
MAY-1	1.9853	(.7816)	62051400	1.2941	(.5095)	.3298	(.1298)	1.2275	(.4833)	.2361	(.0929)	MAY-1
2	2.1013	(.8273)	53053003	1.4229	(.5602)	.3802	(.1497)	1.4687	(.5782)	.1904	(.0750)	2
JUN-1	2.2883	(.9009)	47061003	1.7722	(.6977)	.2666	(.1050)	1.6729	(.6586)	.2053	(.0808)	JUN-1
2	2.6657	(1.0495)	53061903	1.9232	(.7572)	.2925	(.1152)	1.8796	(.7400)	.2166	(.0853)	2
JUL-1	2.6162	(1.0300)	54071203	2.1285	(.8380)	.2060	(.0811)	1.9382	(.7631)	.2104	(.0828)	JUL-1
2	2.5410	(1.0004)	67072300	2.0665	(.8136)	.2860	(.1126)	1.9894	(.7832)	.2057	(.0810)	2
AUG-1	2.6005	(1.0238)	55080203	1.9519	(.7685)	.2392	(.0942)	1.9232	(.7572)	.1949	(.0767)	AUG-1
2	2.5443	(1.0017)	72082100	1.9663	(.7741)	.2879	(.1133)	1.8970	(.7468)	.2208	(.0869)	2
SEP-1	2.4978	(.9834)	53090203	1.8212	(.7170)	.3461	(.1363)	1.7209	(.6775)	.2681	(.1055)	SEP-1
2	2.3663	(.9316)	58092412	1.5209	(.5988)	.3493	(.1375)	1.5393	(.6060)	.3905	(.1537)	2
OCT-1	1.9987	(.7869)	62101512	1.3340	(.5252)	.2898	(.1141)	1.3470	(.5303)	.2948	(.1160)	OCT-1
2	1.8042	(.7103)	71101900	1.1524	(.4537)	.3081	(.1213)	1.0793	(.4249)	.2684	(.1057)	2
NOV-1	1.3383	(.5269)	64110312	.7961	(.3134)	.1922	(.0757)	.8281	(.3260)	.1773	(.0698)	NOV-1
2	1.2215	(.4809)	52111803	.6868	(.2704)	.2025	(.0797)	.6608	(.2601)	.1779	(.0701)	2
DEC-1	1.2441	(.4898)	51120315	.6118	(.2409)	.1875	(.0738)	.5882	(.2316)	.2061	(.0811)	DEC-1
2	1.0157	(.3999)	59122700	.5390	(.2122)	.1375	(.0541)	.5110	(.2012)	.1257	(.0495)	2


SALEM, ILL.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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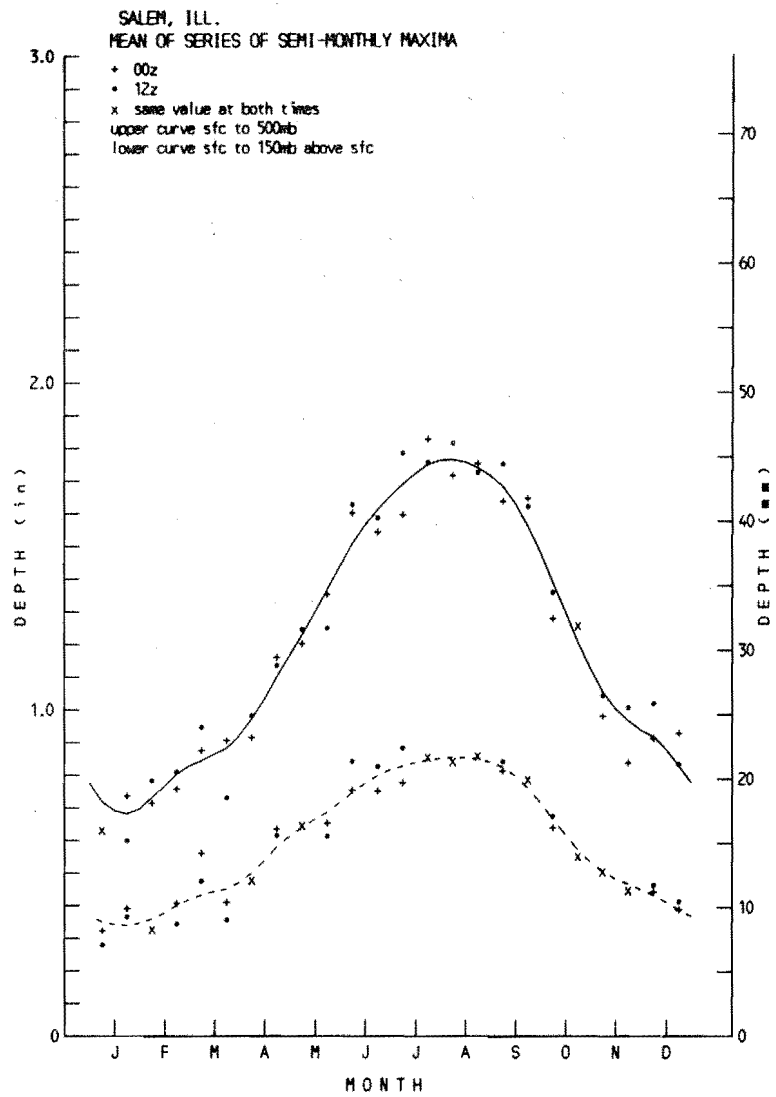
SALEM, ILL.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
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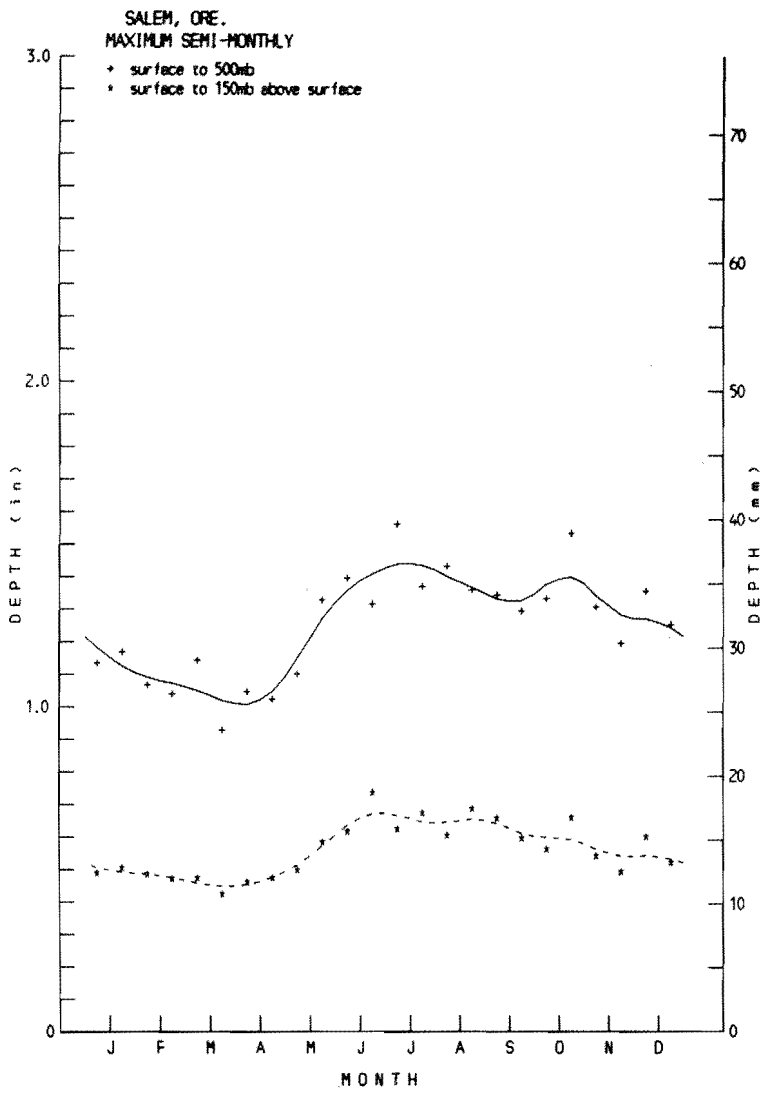
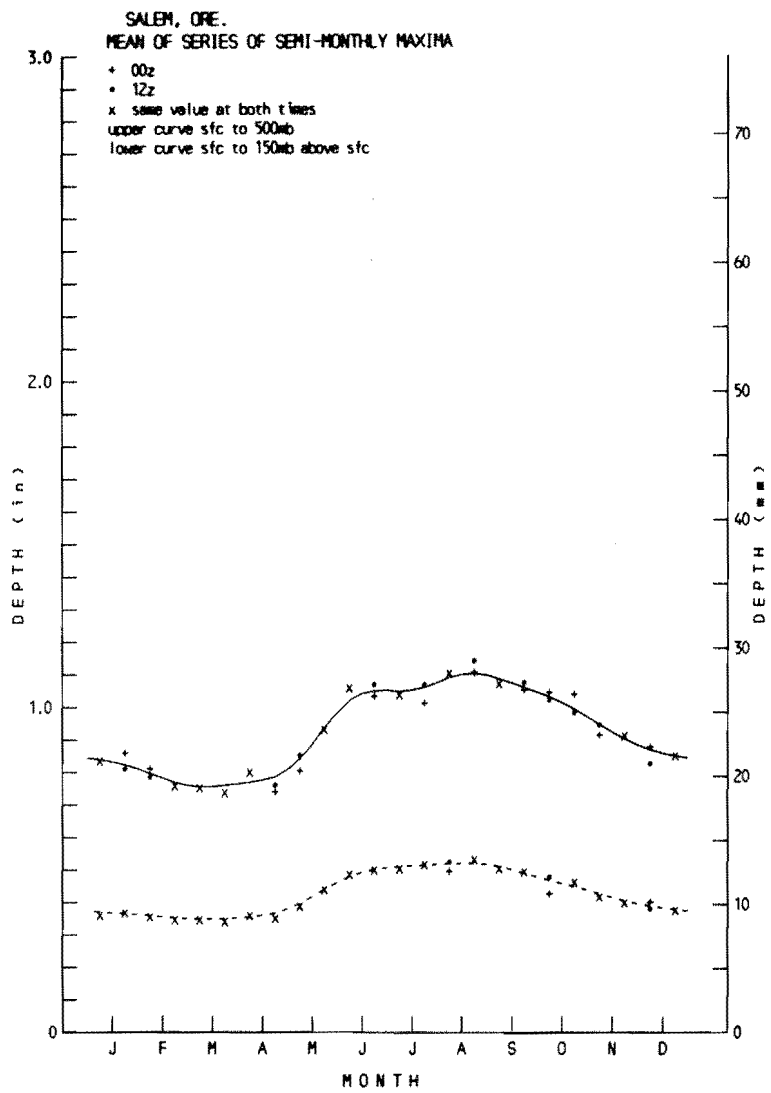
SALEM, ILL. 4 YEARS OF RECORD

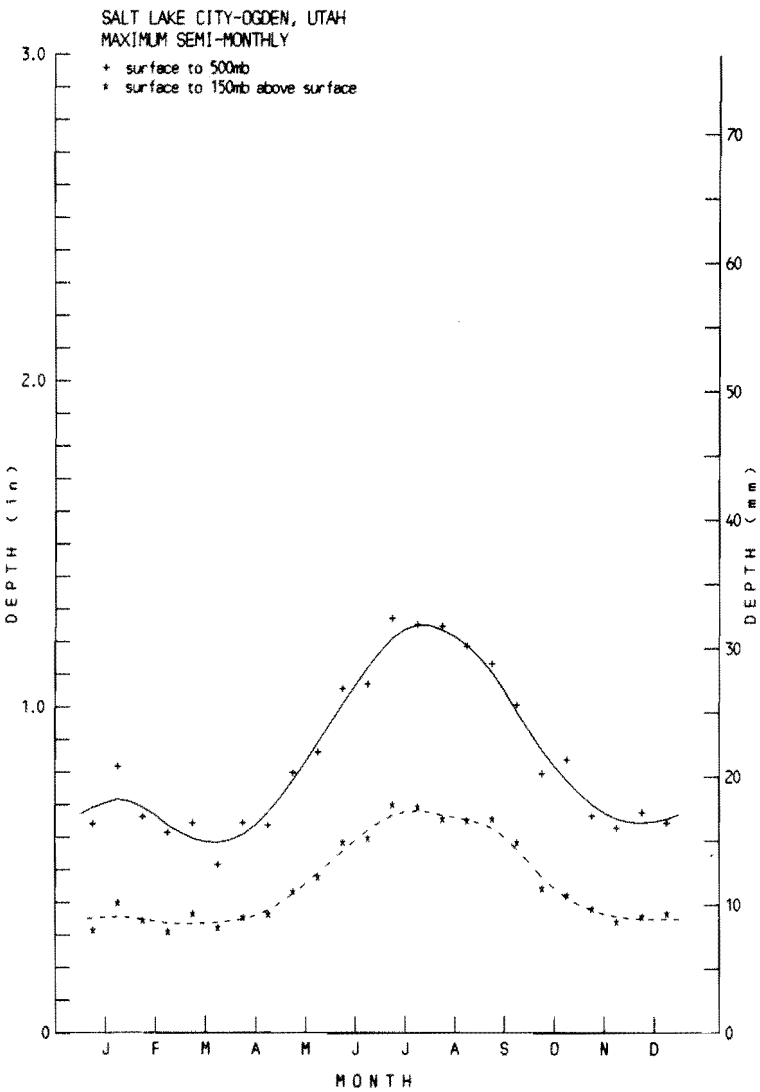
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED		DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z)				12Z(15Z)				MONTH
	MAXIMUM			MEAN		SD		MEAN		SD		
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
				SURFACE TO 500MB								
JAN-1	2.2507	(.8861)	71011312	1.6038	(.6314)	.5555	(.2187)	1.6192	(.6375)	.5784	(.2277)	JAN-1
2	2.4298	(.9566)	70012900	1.8647	(.7341)	.6577	(.2589)	1.5182	(.5977)	.0972	(.0382)	2
FEB-1	2.6253	(1.0336)	71020500	1.8091	(.7122)	.7586	(.2987)	1.9846	(.7813)	.5029	(.1980)	FEB-1
2	2.5217	(.9928)	71022700	1.9191	(.7555)	.5515	(.2171)	2.0522	(.8079)	.5968	(.2350)	2
MAR-1	2.7612	(1.0871)	70030312	2.2178	(.8731)	.1171	(.0461)	2.4001	(.9449)	.3512	(.1383)	MAR-1
2	2.7297	(1.0747)	70032600	2.2966	(.9042)	.5222	(.2056)	1.8528	(.7295)	.6214	(.2446)	2
APR-1	3.1186	(1.2278)	72041212	2.3201	(.9134)	.7329	(.2885)	2.4920	(.9811)	.6461	(.2544)	APR-1
2	3.3447	(1.3168)	70041912	2.9433	(1.1588)	.3944	(.1553)	2.8820	(1.1346)	.5211	(.2052)	2
MAY-1	3.6942	(1.4544)	70050100	3.0493	(1.2005)	.5593	(.2202)	3.1621	(1.2449)	.2522	(.0993)	MAY-1
2	3.6058	(1.4196)	70053000	3.4338	(1.3519)	.1559	(.0614)	3.1718	(1.2487)	.3158	(.1243)	2
JUN-1	4.5738	(1.8007)	72061312	4.0636	(1.5998)	.2255	(.0888)	4.1299	(1.6259)	.3857	(.1518)	JUN-1
2	4.7549	(1.8720)	69062712	3.9147	(1.5412)	.8237	(.3243)	4.0272	(1.5855)	.5078	(.1999)	2
JUL-1	4.8240	(1.8992)	69071012	4.0486	(1.5939)	.6648	(.2617)	4.5285	(1.7829)	.2846	(.1121)	JUL-1
2	5.0414	(1.9848)	69072012	4.6361	(1.8252)	.2201	(.0866)	4.4573	(1.7548)	.6067	(.2389)	2
AUG-1	5.1539	(2.0291)	70080812	4.3553	(1.7147)	.5738	(.2259)	4.6050	(1.8130)	.5623	(.2214)	AUG-1
2	5.1483	(2.0269)	69082100	4.4486	(1.7514)	.5891	(.2319)	4.3798	(1.7243)	.4256	(.1675)	2
SEP-1	4.6675	(1.8376)	70090812	4.1528	(1.6350)	.4411	(.1737)	4.4433	(1.7493)	.2383	(.0938)	SEP-1
2	4.6558	(1.8330)	70091812	4.1766	(1.6443)	.2796	(.1101)	4.1129	(1.6192)	.4090	(.1610)	2
OCT-1	4.0891	(1.6099)	69101312	3.2448	(1.2775)	.4209	(.1657)	3.4484	(1.3576)	.4317	(.1700)	OCT-1
2	3.6345	(1.4309)	71101800	3.2111	(1.2642)	.4131	(.1626)	3.1931	(1.2571)	.3651	(.1438)	2
NOV-1	3.5773	(1.4084)	72110112	2.4866	(.9790)	.7666	(.3018)	2.6462	(1.0418)	.6396	(.2518)	NOV-1
2	2.9027	(1.1428)	71111812	2.1243	(.8363)	.5298	(.2086)	2.5527	(1.0050)	.5437	(.2141)	2
DEC-1	3.3160	(1.3055)	71121012	2.3123	(.9103)	.4133	(.1627)	2.5850	(1.0177)	.5597	(.2203)	DEC-1
2	2.9223	(1.1505)	71123000	2.3507	(.9255)	.5831	(.2296)	2.1121	(.8315)	.5964	(.2348)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.2009	(.4728)	71011400	.8164	(.3214)	.3591	(.1414)	.7065	(.2781)	.2134	(.0840)	JAN-1
2	1.3726	(.5404)	70012900	.9900	(.3898)	.3771	(.1485)	.9252	(.3642)	.2707	(.1066)	2
FEB-1	1.2073	(.4753)	71020500	.8296	(.3266)	.3300	(.1299)	.8459	(.3330)	.2387	(.0940)	FEB-1
2	1.3185	(.5191)	71022700	1.0301	(.4056)	.2581	(.1016)	.8679	(.3417)	.2469	(.0972)	2
MAR-1	1.4920	(.5874)	72030200	1.4192	(.5587)	.1213	(.0478)	1.2026	(.4735)	.1894	(.0746)	MAR-1
2	1.2019	(.4732)	70032600	1.0377	(.4085)	.2429	(.0956)	.8988	(.3539)	.1000	(.0394)	2
APR-1	1.8572	(.7312)	72041212	1.2328	(.4854)	.4442	(.1749)	1.2077	(.4755)	.5809	(.2287)	APR-1
2	2.0170	(.7941)	70043000	1.6094	(.6336)	.3825	(.1506)	1.5581	(.6134)	.3196	(.1258)	2
MAY-1	2.0023	(.7883)	70051400	1.6264	(.6403)	.3265	(.1285)	1.6689	(.6570)	.2126	(.0837)	MAY-1
2	1.8039	(.7102)	70053000	1.6540	(.6512)	.1305	(.0514)	1.5556	(.6124)	.1664	(.0655)	2
JUN-1	2.3597	(.9290)	70061412	1.9099	(.7519)	.0999	(.0393)	2.1345	(.8404)	.1950	(.0768)	JUN-1
2	2.2687	(.8932)	70061600	1.9031	(.7493)	.3779	(.1488)	2.0954	(.8249)	.1547	(.0609)	2
JUL-1	2.2852	(.8997)	69070912	1.9687	(.7751)	.0693	(.0273)	2.2389	(.8815)	.0535	(.0211)	JUL-1
2	2.3340	(.9189)	72072100	2.1646	(.8522)	.1975	(.0778)	2.1925	(.8632)	.0575	(.0227)	2
AUG-1	2.3683	(.9324)	70080312	2.1558	(.8487)	.1252	(.0493)	2.1380	(.8417)	.2067	(.0814)	AUG-1
2	2.5131	(.9894)	72082000	2.1847	(.8601)	.2782	(.1095)	2.1972	(.8650)	.0905	(.0356)	2
SEP-1	2.3571	(.9280)	70090612	2.0599	(.8110)	.1342	(.0528)	2.1322	(.8394)	.1742	(.0686)	SEP-1
2	2.2349	(.8799)	72091912	1.9945	(.7852)	.1578	(.0621)	2.0159	(.7936)	.2140	(.0842)	2
OCT-1	1.9192	(.7556)	69101212	1.6184	(.6372)	.1536	(.0605)	1.7085	(.6726)	.1566	(.0616)	OCT-1
2	1.7150	(.6752)	71101812	1.3960	(.5496)	.3026	(.1191)	1.4214	(.5596)	.2015	(.0793)	2
NOV-1	1.5850	(.6240)	72110200	1.3002	(.5119)	.2884	(.1135)	1.2756	(.5022)	.2150	(.0846)	NOV-1
2	1.3830	(.5445)	71111812	1.1288	(.4444)	.3666	(.1443)	1.1558	(.4550)	.3416	(.1345)	2
DEC-1	1.6116	(.6345)	71121012	1.1177	(.4400)	.3937	(.1550)	1.1706	(.4609)	.3965	(.1561)	DEC-1
2	1.2390	(.4878)	72123012	.9791	(.3855)	.2174	(.0856)	1.0414	(.4100)	.2279	(.0897)	2

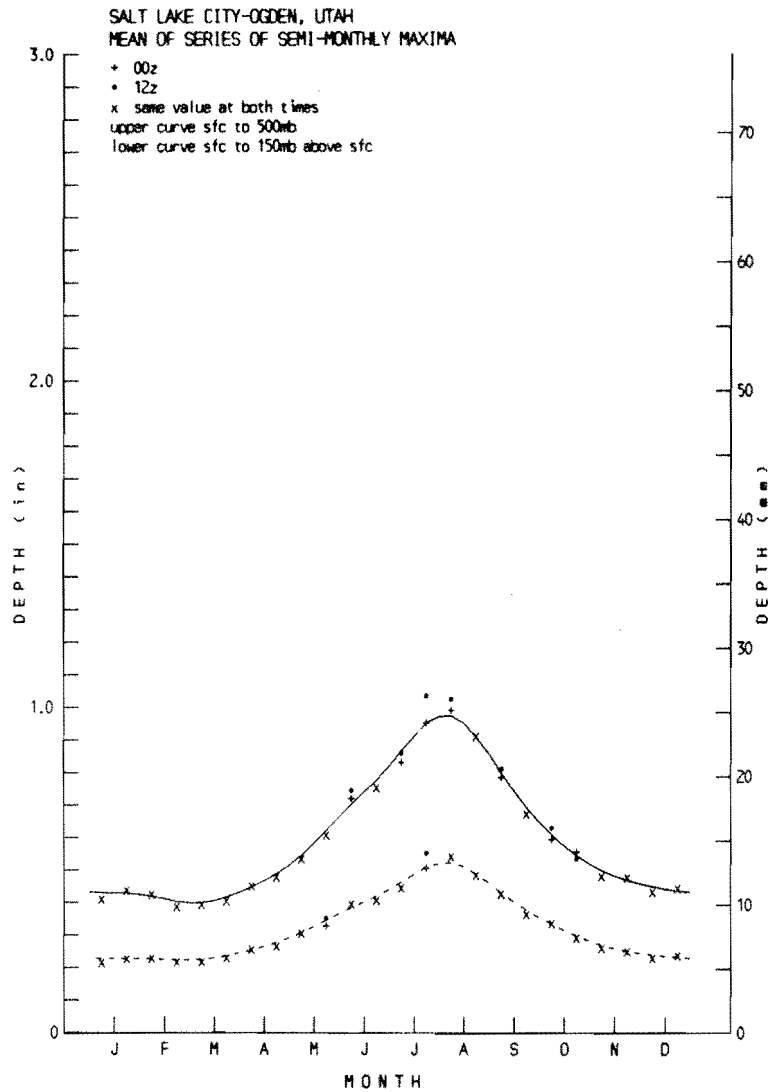

SALEM, ORE.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


SALEM, ORE.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

SALEM, ORE. 17 YEARS OF RECORD

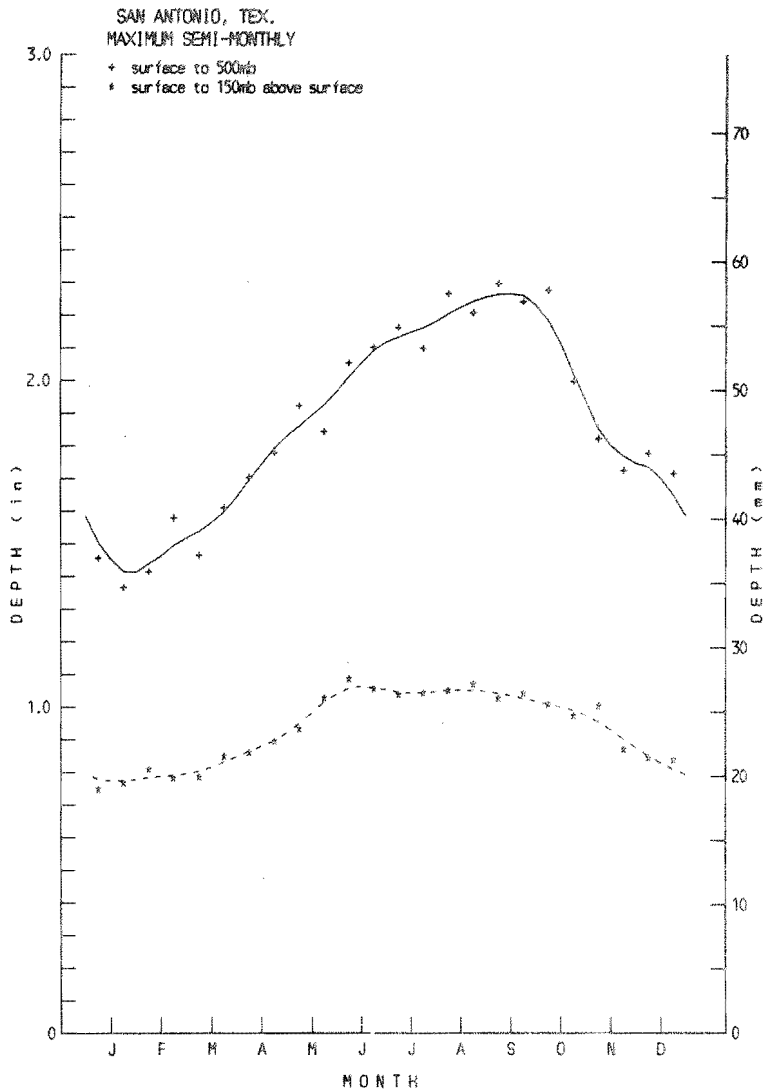
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.8776	(1.1329)	69010500	2.1534	(.8478)	.3800	(.1496)	2.1042	(.8284)	.3129	(.1232)	JAN-1
2	2.9642	(1.1670)	71011912	2.1800	(.8583)	.5221	(.2056)	2.0545	(.8088)	.4202	(.1654)	2
FEB-1	2.7084	(1.0663)	71021000	2.0578	(.8102)	.3634	(.1431)	1.9917	(.7841)	.3694	(.1454)	FEB-1
2	2.6365	(1.0380)	63029900	1.9527	(.7688)	.4405	(.1734)	1.9183	(.7552)	.4833	(.1903)	2
MAR-1	2.9002	(1.1418)	68030412	1.9246	(.7577)	.4174	(.1643)	1.9185	(.7553)	.4837	(.1904)	MAR-1
2	2.3531	(.9264)	68032812	1.8682	(.7355)	.2677	(.1054)	1.9003	(.7482)	.2754	(.1084)	2
APR-1	2.6523	(1.0442)	61049912	2.0352	(.8012)	.3999	(.1574)	2.0528	(.8082)	.3353	(.1320)	APR-1
2	2.5941	(1.0213)	65041912	1.8770	(.7390)	.3634	(.1431)	1.9302	(.7599)	.3465	(.1364)	2
MAY-1	2.7927	(1.0995)	57059912	2.0418	(.8039)	.3895	(.1533)	2.1636	(.8518)	.2849	(.1122)	MAY-1
2	3.3698	(1.3267)	58059900	2.3594	(.9289)	.4425	(.1742)	2.3967	(.9436)	.4131	(.1627)	2
JUN-1	3.5400	(1.3937)	68060200	2.6884	(1.0584)	.4793	(.1887)	2.7154	(1.0691)	.4069	(.1602)	JUN-1
2	3.3393	(1.3147)	59069912	2.6242	(1.0332)	.3532	(.1391)	2.7162	(1.0694)	.4218	(.1661)	2
JUL-1	3.9604	(1.5592)	72071300	2.6437	(1.0408)	.4842	(.1906)	2.6523	(1.0442)	.3112	(.1225)	JUL-1
2	3.4752	(1.3682)	70072612	2.5695	(1.0116)	.4087	(.1609)	2.7138	(1.0684)	.4478	(.1763)	2
AUG-1	3.6325	(1.4301)	71080100	2.8234	(1.1116)	.4503	(.1773)	2.8084	(1.1057)	.3175	(.1250)	AUG-1
2	3.4486	(1.3577)	61089912	2.8118	(1.1070)	.3406	(.1341)	2.9029	(1.1429)	.3231	(.1272)	2
SEP-1	3.4082	(1.3418)	70090712	2.7281	(1.0741)	.3673	(.1446)	2.7382	(1.0780)	.3006	(.1184)	SEP-1
2	3.2837	(1.2928)	60099900	2.6734	(1.0525)	.4391	(.1729)	2.7301	(1.0748)	.3356	(.1321)	2
OCT-1	3.3812	(1.3312)	59109900	2.6537	(1.0448)	.4756	(.1873)	2.5951	(1.0217)	.2561	(.1008)	OCT-1
2	3.8880	(1.5307)	59109912	2.6386	(1.0388)	.4393	(.1729)	2.4951	(.9823)	.4377	(.1723)	2
NOV-1	3.3165	(1.3057)	68110900	2.3206	(.9136)	.3770	(.1484)	2.4000	(.9449)	.3575	(.1407)	NOV-1
2	3.0315	(1.1935)	72112600	2.3441	(.9229)	.4258	(.1676)	2.3098	(.9094)	.3841	(.1512)	2
DEC-1	3.4361	(1.3528)	58129900	2.2269	(.8767)	.4399	(.1732)	2.0967	(.8255)	.3327	(.1310)	DEC-1
2	3.1765	(1.2506)	72122100	2.1911	(.8627)	.3887	(.1530)	2.1508	(.8468)	.4230	(.1665)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.2393	(.4879)	69010500	.9425	(.3710)	.1545	(.0608)	.9080	(.3575)	.1414	(.0557)	JAN-1
2	1.2799	(.5039)	70012300	.9538	(.3755)	.2148	(.0846)	.9358	(.3684)	.2096	(.0825)	2
FEB-1	1.2309	(.4846)	63029912	.9344	(.3679)	.1528	(.0602)	.8908	(.3507)	.1747	(.0688)	FEB-1
2	1.1956	(.4707)	68022300	.8885	(.3498)	.1780	(.0701)	.8889	(.3499)	.1725	(.0679)	2
MAR-1	1.2007	(.4727)	72031300	.9126	(.3593)	.1862	(.0733)	.8653	(.3407)	.1731	(.0682)	MAR-1
2	1.0742	(.4229)	72031600	.8815	(.3470)	.1097	(.0432)	.8701	(.3425)	.0855	(.0337)	2
APR-1	1.1679	(.4598)	61049900	.9360	(.3685)	.1283	(.0505)	.9083	(.3576)	.1307	(.0515)	APR-1
2	1.2014	(.4730)	65041912	.9081	(.3575)	.1575	(.0620)	.8900	(.3504)	.1472	(.0579)	2
MAY-1	1.2629	(.4972)	60059900	.9989	(.3933)	.1337	(.0526)	.9905	(.3900)	.1135	(.0447)	MAY-1
2	1.4806	(.5829)	58059912	1.1480	(.4520)	.1291	(.0508)	1.1030	(.4343)	.1472	(.0580)	2
JUN-1	1.5636	(.6156)	69060912	1.2582	(.4954)	.1785	(.0703)	1.2294	(.4840)	.1355	(.0533)	JUN-1
2	1.8672	(.7351)	58069900	1.2761	(.5024)	.2281	(.0898)	1.2817	(.5046)	.1473	(.0580)	2
JUL-1	1.5827	(.6231)	56079900	1.2683	(.4993)	.1823	(.0718)	1.3072	(.5146)	.1127	(.0444)	JUL-1
2	1.7094	(.6730)	71072012	1.3096	(.5156)	.1307	(.0515)	1.3335	(.5250)	.1391	(.0547)	2
AUG-1	1.5339	(.6039)	62089900	1.2571	(.4949)	.1447	(.0570)	1.3277	(.5227)	.0838	(.0330)	AUG-1
2	1.7432	(.6863)	56089900	1.3440	(.5291)	.1626	(.0640)	1.3772	(.5422)	.1019	(.0401)	2
SEP-1	1.6678	(.6566)	57099900	1.2919	(.5086)	.1514	(.0596)	1.2866	(.5065)	.1127	(.0444)	SEP-1
2	1.5110	(.5949)	63099900	1.2771	(.5028)	.1057	(.0416)	1.2532	(.4934)	.0985	(.0388)	2
OCT-1	1.4254	(.5612)	59109912	1.0806	(.4254)	.1110	(.0437)	1.2114	(.4769)	.1138	(.0448)	OCT-1
2	1.6718	(.6582)	59109912	1.1998	(.4724)	.1400	(.0551)	1.1657	(.4589)	.1670	(.0658)	2
NOV-1	1.3734	(.5407)	68110900	1.0728	(.4224)	.1355	(.0533)	1.0620	(.4181)	.1297	(.0511)	NOV-1
2	1.2482	(.4914)	59119900	1.0377	(.4086)	.1561	(.0615)	1.0085	(.3971)	.1273	(.0501)	2
DEC-1	1.5237	(.5999)	58129900	1.0151	(.3996)	.1671	(.0658)	.9600	(.3779)	.1195	(.0470)	DEC-1
2	1.3211	(.5201)	64129912	.9675	(.3809)	.1475	(.0581)	.9616	(.3786)	.1809	(.0712)	2

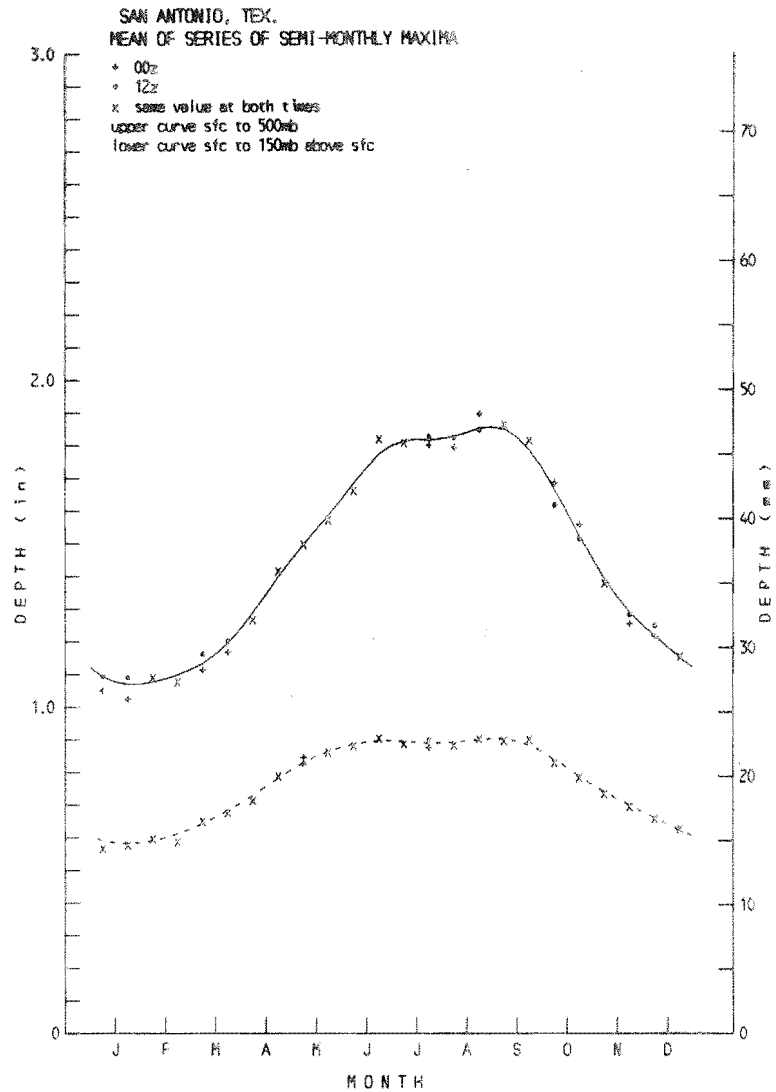

SALT LAKE CITY-OGDEN, UTAH
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


SALT LAKE CITY-OGDEN, UTAH
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

SALT LAKE CITY-OGDEN, UTAH 27 YEARS OF RECORD

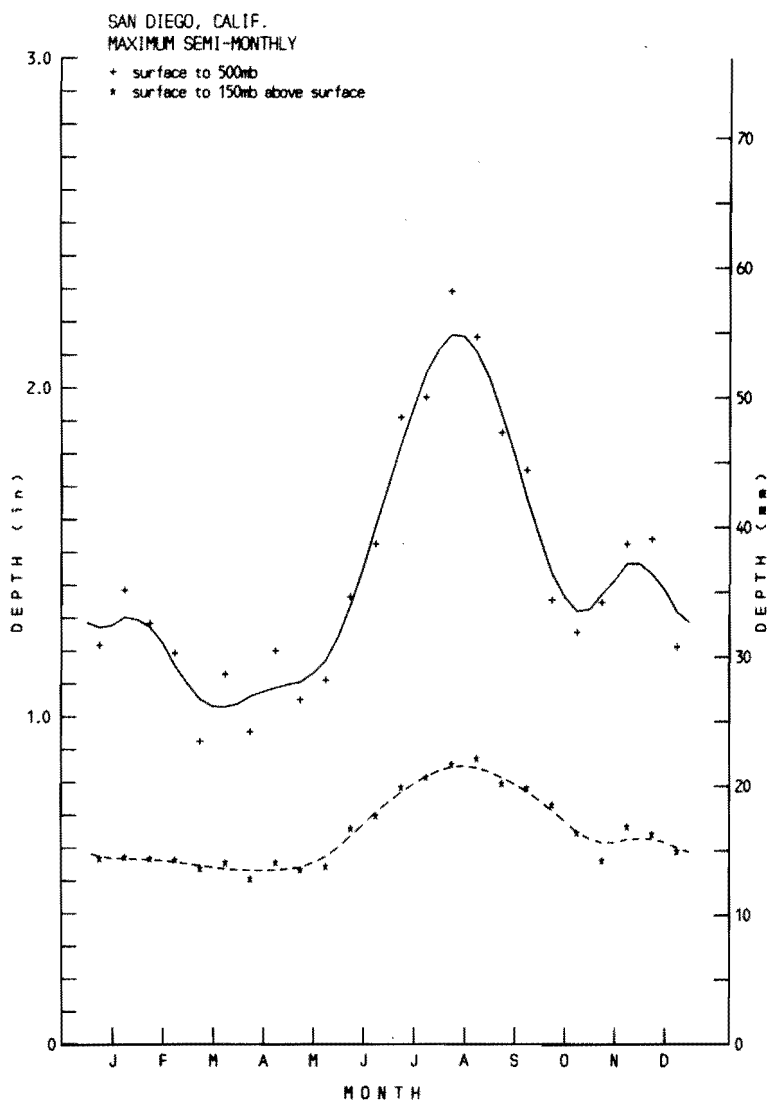
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.6251	(.6398)	69011412	1.0567	(.4160)	.2126	(.0837)	1.0430	(.4106)	.2591	(.1020)	JAN-1
2	2.0729	(.8161)	71011812	1.1113	(.4375)	.3135	(.1234)	1.1294	(.4446)	.3277	(.1290)	2
FEB-1	1.6820	(.6622)	62029900	1.0678	(.4204)	.2397	(.0944)	1.1051	(.4351)	.2324	(.0915)	FEB-1
2	1.5588	(.6137)	68022012	.9696	(.3817)	.2175	(.0856)	1.0133	(.3989)	.2372	(.0934)	2
MAR-1	1.6314	(.6423)	54039900	.9889	(.3893)	.2228	(.0877)	1.0292	(.4052)	.1822	(.0717)	MAR-1
2	1.3076	(.5148)	61039900	1.0428	(.4106)	.1465	(.0577)	1.0322	(.4064)	.1324	(.0521)	2
APR-1	1.6340	(.6433)	72040612	1.1479	(.4519)	.1865	(.0734)	1.1606	(.4569)	.1700	(.0669)	APR-1
2	1.6147	(.6357)	53049900	1.2215	(.4809)	.1959	(.0771)	1.2252	(.4824)	.1618	(.0637)	2
MAY-1	2.0267	(.7979)	66051000	1.3603	(.5355)	.2633	(.1037)	1.3716	(.5400)	.1553	(.0611)	MAY-1
2	2.1862	(.8607)	54059912	1.5332	(.6036)	.2333	(.0918)	1.5694	(.6179)	.2405	(.0947)	2
JUN-1	2.6800	(1.0551)	63069900	1.8252	(.7186)	.3205	(.1262)	1.8899	(.7441)	.2300	(.0905)	JUN-1
2	2.7168	(1.0696)	54069900	1.8998	(.7480)	.3747	(.1475)	1.9440	(.7653)	.2824	(.1112)	2
JUL-1	3.2294	(1.2714)	53079912	2.1067	(.8294)	.4321	(.1701)	2.1809	(.8586)	.4416	(.1739)	JUL-1
2	3.1793	(1.2517)	54079900	2.4178	(.9519)	.3303	(.1300)	2.6282	(1.0347)	.2978	(.1172)	2
AUG-1	3.1679	(1.2472)	47089912	2.5160	(.9906)	.2576	(.1014)	2.6026	(1.0246)	.2895	(.1140)	AUG-1
2	3.0124	(1.1860)	61089912	2.3209	(.9137)	.3241	(.1276)	2.3250	(.9154)	.3278	(.1291)	2
SEP-1	2.8763	(1.1324)	63099900	1.9908	(.7838)	.4154	(.1636)	2.0567	(.8097)	.4286	(.1687)	SEP-1
2	2.5555	(1.0061)	63099900	1.7147	(.6751)	.3924	(.1545)	1.7224	(.6781)	.3225	(.1270)	2
OCT-1	2.0183	(.7946)	67100200	1.5074	(.5935)	.2811	(.1107)	1.5970	(.6287)	.3233	(.1273)	OCT-1
2	2.1267	(.8373)	59109900	1.4078	(.5542)	.2984	(.1175)	1.3548	(.5334)	.2518	(.0991)	2
NOV-1	1.6906	(.6656)	60119900	1.2173	(.4792)	.2240	(.0882)	1.2466	(.4908)	.2446	(.0963)	NOV-1
2	1.5974	(.6289)	66112912	1.2381	(.4874)	.2001	(.0788)	1.2027	(.4735)	.2183	(.0860)	2
DEC-1	1.7163	(.6757)	58129900	1.1121	(.4378)	.2596	(.1022)	1.1034	(.4344)	.2211	(.0870)	DEC-1
2	1.6340	(.6433)	55129912	1.1619	(.4574)	.2366	(.0931)	1.1125	(.4380)	.2413	(.0950)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.7940	(.3126)	69011412	.5513	(.2170)	.1159	(.0456)	.5570	(.2193)	.1319	(.0519)	JAN-1
2	1.0107	(.3979)	71011812	.5808	(.2287)	.1628	(.0641)	.5868	(.2310)	.1590	(.0626)	2
FEB-1	.8722	(.3434)	62029900	.5698	(.2243)	.1181	(.0465)	.6049	(.2381)	.1171	(.0461)	FEB-1
2	.7838	(.3086)	68022200	.5433	(.2139)	.1262	(.0497)	.5744	(.2261)	.1154	(.0454)	2
MAR-1	.9225	(.3632)	54039900	.5625	(.2215)	.1234	(.0486)	.5612	(.2209)	.0953	(.0375)	MAR-1
2	.8151	(.3209)	61039900	.6079	(.2393)	.0884	(.0348)	.5766	(.2270)	.0791	(.0312)	2
APR-1	.8943	(.3521)	72040612	.6594	(.2596)	.0987	(.0388)	.6601	(.2599)	.0934	(.0368)	APR-1
2	.9205	(.3624)	53049900	.6735	(.2652)	.1044	(.0411)	.6916	(.2723)	.0951	(.0374)	2
MAY-1	1.0955	(.4313)	66051000	.7784	(.3064)	.1313	(.0517)	.7904	(.3112)	.0937	(.0369)	MAY-1
2	1.2101	(.4764)	54059912	.8302	(.3269)	.1213	(.0477)	.8905	(.3506)	.1267	(.0499)	2
JUN-1	1.4801	(.5827)	63069900	.9930	(.3909)	.1769	(.0696)	1.0358	(.4078)	.1417	(.0558)	JUN-1
2	1.5149	(.5964)	54069900	1.0427	(.4105)	.1820	(.0717)	1.0441	(.4111)	.1633	(.0643)	2
JUL-1	1.7752	(.6989)	53079900	1.1171	(.4398)	.2507	(.0987)	1.1641	(.4583)	.2212	(.0871)	JUL-1
2	1.7562	(.6914)	54079900	1.2854	(.5060)	.2083	(.0820)	1.4002	(.5513)	.1718	(.0676)	2
AUG-1	1.6632	(.6548)	47089912	1.3617	(.5361)	.1735	(.0683)	1.4065	(.5537)	.1334	(.0525)	AUG-1
2	1.6515	(.6502)	52089900	1.2321	(.4851)	.2072	(.0816)	1.2462	(.4906)	.1905	(.0750)	2
SEP-1	1.6640	(.6551)	60099900	1.0911	(.4296)	.2560	(.1008)	1.0982	(.4324)	.2281	(.0898)	SEP-1
2	1.4801	(.5827)	63099900	.9232	(.3635)	.2223	(.0875)	.9466	(.3727)	.1656	(.0652)	2
OCT-1	1.1206	(.4412)	63109912	.8438	(.3322)	.1402	(.0552)	.8828	(.3476)	.1651	(.0650)	OCT-1
2	1.0660	(.4197)	63109900	.7584	(.2986)	.1470	(.0579)	.7415	(.2919)	.1318	(.0519)	2
NOV-1	.9616	(.3786)	60119900	.6715	(.2644)	.1113	(.0438)	.6705	(.2640)	.1226	(.0483)	NOV-1
2	.8608	(.3389)	63119900	.6551	(.2579)	.1067	(.0420)	.6323	(.2489)	.0986	(.0388)	2
DEC-1	.9025	(.3553)	58129900	.6033	(.2375)	.1502	(.0591)	.5794	(.2281)	.1068	(.0420)	DEC-1
2	.9256	(.3644)	55129912	.6148	(.2420)	.1289	(.0507)	.6089	(.2397)	.1339	(.0527)	2


SAN ANTONIO, TEX.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


SAN ANTONIO, TEX.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
∘ 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

SAN ANTONIO, TEX. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.6932	(1.4540)	50011203	2.6660	(1.0496)	.6090	(.2398)	2.7760	(1.0929)	.5669	(.2232)	JAN-1
2	3.4671	(1.3650)	49012403	2.5974	(1.0226)	.4499	(.1771)	2.7661	(1.0890)	.5071	(.1996)	2
FEB-1	3.5883	(1.4127)	59021400	2.7661	(1.0890)	.3862	(.1521)	2.7889	(1.0980)	.4339	(.1708)	FEB-1
2	4.0058	(1.5771)	48022603	2.7298	(1.0747)	.5389	(.2122)	2.7611	(1.0871)	.4551	(.1792)	2
MAR-1	3.7168	(1.4633)	53031003	2.8235	(1.1116)	.3862	(.1521)	2.9477	(1.1605)	.3294	(.1297)	MAR-1
2	6.0836	(1.6077)	49032515	2.9634	(1.1667)	.3267	(.1286)	3.0495	(1.2006)	.3879	(.1527)	2
APR-1	4.3190	(1.7004)	65040612	3.2254	(1.2698)	.4347	(.1712)	3.2327	(1.2727)	.5040	(.1984)	APR-1
2	4.5128	(1.7767)	58042700	3.6105	(1.4214)	.3900	(.1535)	3.6028	(1.4184)	.3669	(.1444)	2
MAY-1	4.8793	(1.9210)	72050712	3.8083	(1.4993)	.2521	(.0992)	3.8208	(1.5042)	.4573	(.1800)	MAY-1
2	4.6772	(1.8414)	70053100	4.0230	(1.5839)	.3362	(.1324)	3.9831	(1.5682)	.3952	(.1556)	2
JUN-1	5.2088	(2.0507)	52061115	4.2437	(1.6708)	.4089	(.1610)	4.2124	(1.6584)	.4002	(.1576)	JUN-1
2	5.3312	(2.0989)	58062212	4.6174	(1.8179)	.4035	(.1589)	4.6435	(1.8282)	.4560	(.1795)	2
JUL-1	5.4839	(2.1590)	70071512	4.5905	(1.8073)	.4192	(.1650)	4.6150	(1.8169)	.4086	(.1609)	JUL-1
2	5.3233	(2.0958)	72072212	4.5701	(1.7993)	.3341	(.1315)	4.6389	(1.8263)	.4554	(.1793)	2
AUG-1	5.7493	(2.2635)	66080400	4.5514	(1.7919)	.4264	(.1679)	4.6285	(1.8222)	.4200	(.1653)	AUG-1
2	5.5999	(2.2047)	69082612	4.8118	(1.8944)	.3523	(.1387)	4.6861	(1.8449)	.3959	(.1559)	2
SEP-1	5.8250	(2.2933)	68091500	4.7612	(1.8745)	.5145	(.2026)	4.7201	(1.8583)	.4454	(.1754)	SEP-1
2	5.6850	(2.2382)	58092000	4.6181	(1.8181)	.5243	(.2064)	4.6228	(1.8200)	.5291	(.2083)	2
OCT-1	5.7747	(2.2735)	69101300	4.2784	(1.6844)	.7635	(.3006)	4.1059	(1.6165)	.6174	(.2431)	OCT-1
2	5.0678	(1.9952)	71101712	3.9536	(1.5565)	.6686	(.2632)	3.8456	(1.5140)	.6948	(.2735)	2
NOV-1	4.6218	(1.8196)	46110215	3.5117	(1.3826)	.4417	(.1739)	3.5114	(1.3824)	.5205	(.2049)	NOV-1
2	4.3746	(1.7223)	71111812	3.1839	(1.2535)	.5134	(.2021)	3.2547	(1.2814)	.5533	(.2178)	2
DEC-1	4.5065	(1.7742)	71120512	3.0885	(1.2160)	.4807	(.1892)	3.1686	(1.2475)	.5445	(.2144)	DEC-1
2	4.3487	(1.7121)	68122112	2.9581	(1.1646)	.4452	(.1753)	2.9226	(1.1506)	.5379	(.2118)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.8981	(.7473)	72010400	1.4371	(.5658)	.2744	(.1080)	1.4622	(.5757)	.2850	(.1122)	JAN-1
2	1.9451	(.7658)	69013000	1.4614	(.5754)	.2975	(.1171)	1.4917	(.5873)	.2515	(.0990)	2
FEB-1	2.0500	(.8071)	53021103	1.5236	(.5998)	.2606	(.1026)	1.5268	(.6011)	.2037	(.0802)	FEB-1
2	1.9822	(.7804)	48022603	1.4933	(.5879)	.3084	(.1214)	1.5094	(.5943)	.2523	(.0993)	2
MAR-1	1.9909	(.7838)	72030200	1.6508	(.6499)	.2301	(.0906)	1.6755	(.6596)	.2017	(.0794)	MAR-1
2	2.1519	(.8472)	72032500	1.7170	(.6760)	.1803	(.0710)	1.7396	(.6849)	.1503	(.0592)	2
APR-1	2.1811	(.8587)	72040800	1.8473	(.7273)	.1984	(.0781)	1.7974	(.7076)	.1962	(.0772)	APR-1
2	2.2677	(.8928)	67042400	2.0391	(.8028)	.1515	(.0596)	1.9887	(.7829)	.1371	(.0540)	2
MAY-1	2.3658	(.9314)	47051303	2.1464	(.8450)	.1404	(.0553)	2.0940	(.8244)	.1683	(.0662)	MAY-1
2	2.6060	(1.0260)	46052303	2.2177	(.8731)	.1929	(.0759)	2.1803	(.8584)	.1704	(.0671)	2
JUN-1	2.7544	(1.0844)	47060203	2.2559	(.8882)	.1930	(.0760)	2.2386	(.8813)	.1383	(.0545)	JUN-1
2	2.6787	(1.0546)	47062303	2.3072	(.9083)	.1947	(.0766)	2.3036	(.9069)	.1420	(.0559)	2
JUL-1	2.6327	(1.0365)	72070312	2.2550	(.8878)	.1773	(.0698)	2.2715	(.8943)	.1770	(.0697)	JUL-1
2	2.6436	(1.0408)	71072712	2.2208	(.8743)	.1651	(.0650)	2.2832	(.8989)	.1531	(.0603)	2
AUG-1	2.6645	(1.0490)	70080412	2.2303	(.8781)	.1483	(.0584)	2.2785	(.8971)	.1808	(.0712)	AUG-1
2	2.7127	(1.0680)	69082012	2.2840	(.8992)	.1469	(.0578)	2.3207	(.9137)	.1596	(.0628)	2
SEP-1	2.6035	(1.0250)	69090612	2.2850	(.8996)	.1772	(.0698)	2.2937	(.9030)	.1406	(.0554)	SEP-1
2	2.6429	(1.0405)	68091600	2.3070	(.9083)	.2100	(.0827)	2.2889	(.9011)	.2037	(.0802)	2
OCT-1	2.5588	(1.0074)	66101300	2.1124	(.8316)	.2628	(.1035)	2.1259	(.8370)	.2358	(.0928)	OCT-1
2	2.4696	(.9723)	69102100	2.0088	(.7909)	.2788	(.1098)	1.9946	(.7853)	.2872	(.1131)	2
NOV-1	2.5461	(1.0024)	72110100	1.8926	(.7451)	.2456	(.0967)	1.8591	(.7319)	.2247	(.0885)	NOV-1
2	2.2068	(.8688)	58111612	1.7758	(.6991)	.2474	(.0974)	1.7775	(.6998)	.2354	(.0927)	2
DEC-1	2.1405	(.8427)	72120600	1.6721	(.6583)	.2932	(.1154)	1.6883	(.6647)	.2439	(.0960)	DEC-1
2	2.1239	(.8362)	71121700	1.6166	(.6365)	.2626	(.1034)	1.5860	(.6244)	.2567	(.1011)	2


SAN DIEGO, CALIF.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
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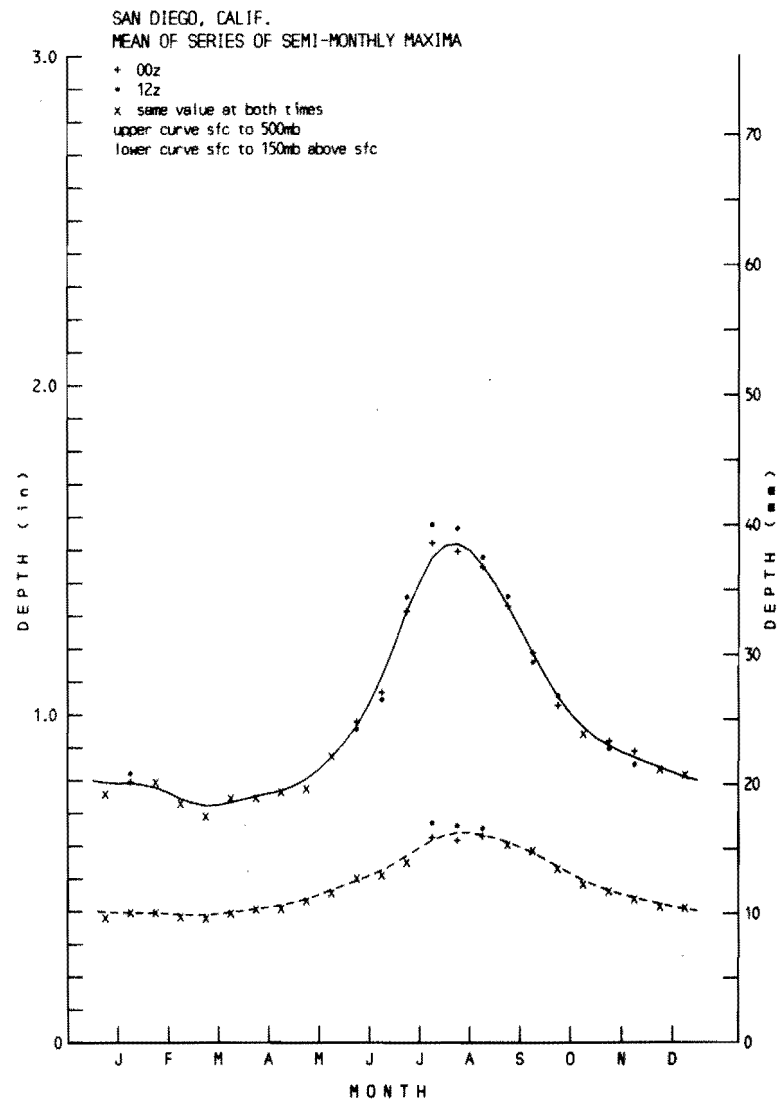
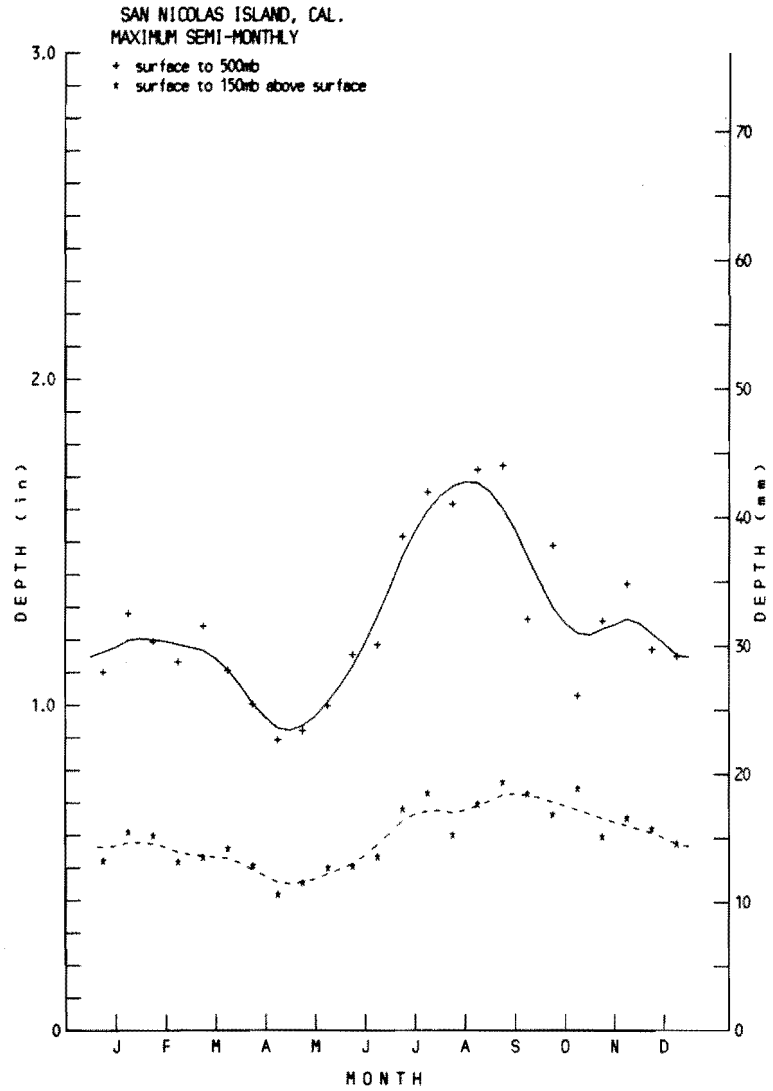
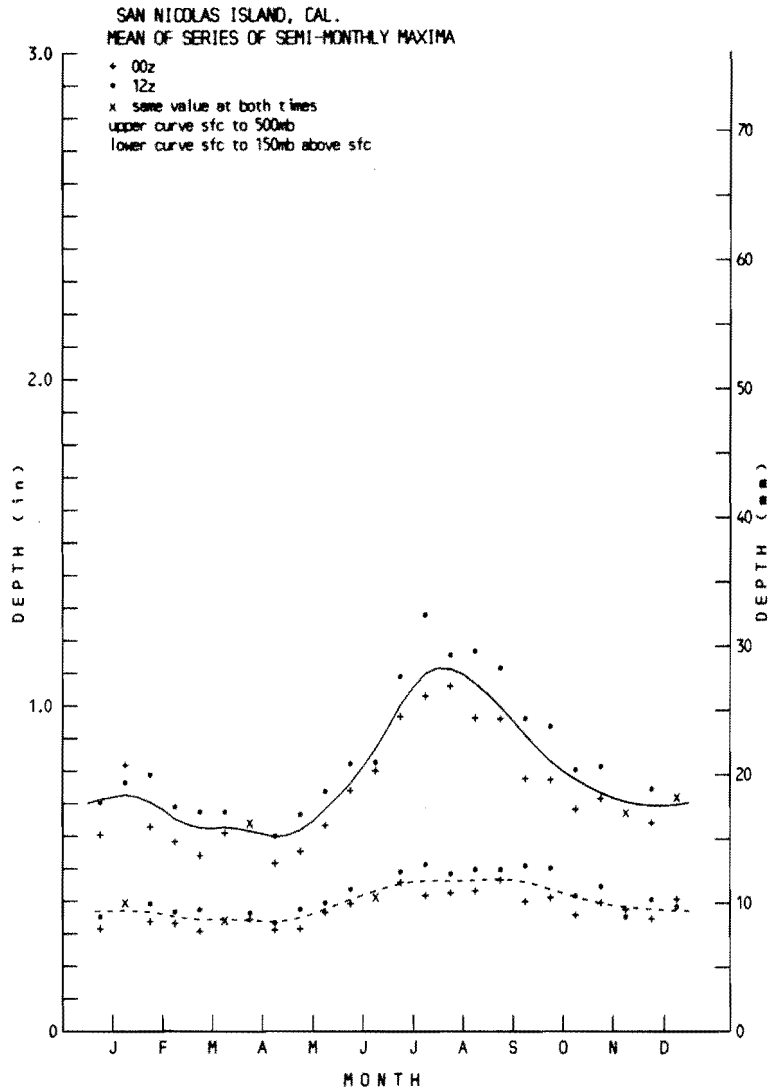
10
0
J F M A M J J A S O N D
MONTH


SAN DIEGO, CALIF.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

SAN DIEGO, CALIF. 27 YEARS OF RECORD

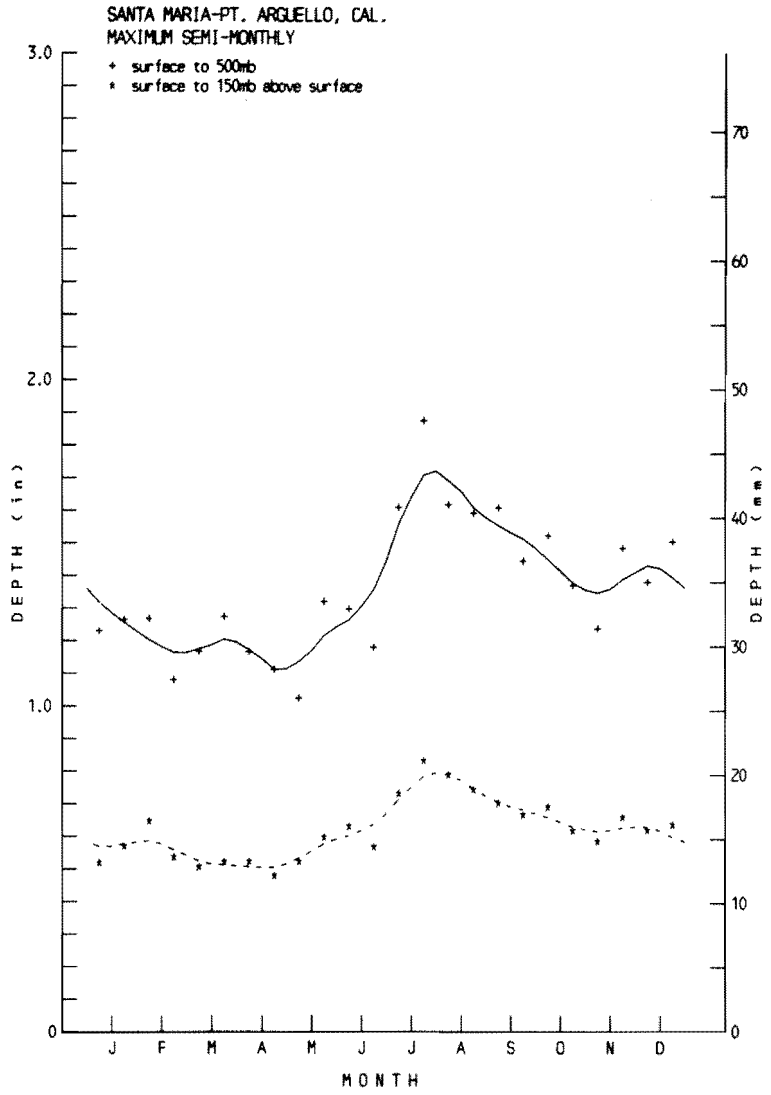
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.0907	(1.2168)	57019912	1.9225	(.7569)	.6307	(.2483)	1.9520	(.7685)	.5253	(.2068)	JAN-1
2	3.5166	(1.3845)	70011612	2.0172	(.7942)	.5234	(.2061)	2.0841	(.8205)	.5412	(.2131)	2
FEB-1	3.2598	(1.2834)	50029912	2.0387	(.8026)	.5708	(.2247)	2.0198	(.7952)	.5442	(.2142)	FEB-1
2	3.0290	(1.1925)	55029912	1.8611	(.7327)	.4074	(.1604)	1.8649	(.7342)	.4021	(.1583)	2
MAR-1	2.3482	(.9245)	54039912	1.7548	(.6909)	.3122	(.1229)	1.7763	(.6993)	.3410	(.1343)	MAR-1
2	2.8661	(1.1284)	58039900	1.9125	(.7530)	.3737	(.1471)	1.8968	(.7468)	.4252	(.1674)	2
APR-1	2.4216	(.9534)	63049900	1.9036	(.7495)	.3276	(.1290)	1.9149	(.7539)	.2602	(.1024)	APR-1
2	3.0462	(1.1993)	53049900	1.9517	(.7684)	.4724	(.1860)	1.9599	(.7716)	.3392	(.1335)	2
MAY-1	2.6693	(1.0509)	69050712	1.9590	(.7713)	.3036	(.1195)	1.9982	(.7867)	.3015	(.1187)	MAY-1
2	2.8204	(1.1104)	57059912	2.2070	(.8689)	.3271	(.1288)	2.2530	(.8870)	.2908	(.1145)	2
JUN-1	3.4633	(1.3635)	72060700	2.4854	(.9785)	.3726	(.1467)	2.4275	(.9557)	.3467	(.1365)	JUN-1
2	3.8712	(1.5241)	72062100	2.7113	(1.0674)	.4771	(.1879)	2.6560	(1.0457)	.4692	(.1847)	2
JUL-1	4.8466	(1.9081)	49079912	3.3364	(1.3135)	.6482	(.2552)	3.4471	(1.3571)	.6923	(.2726)	JUL-1
2	5.0018	(1.9692)	66073012	3.8633	(1.5210)	.6461	(.2544)	4.0048	(1.5767)	.5920	(.2331)	2
AUG-1	5.8194	(2.2911)	47089900	3.7966	(1.4947)	.7349	(.2893)	3.9756	(1.5652)	.6193	(.2438)	AUG-1
2	5.4671	(2.1524)	46089912	3.6776	(1.4479)	.6345	(.2498)	3.7521	(1.4772)	.6466	(.2546)	2
SEP-1	4.7290	(1.8618)	59099900	3.3763	(1.3293)	.7066	(.2782)	3.4522	(1.3591)	.7093	(.2793)	SEP-1
2	4.4404	(1.7482)	46099912	3.0161	(1.1875)	.6425	(.2529)	2.9439	(1.1590)	.6232	(.2454)	2
OCT-1	3.4402	(1.3544)	51109900	2.6099	(1.0275)	.4850	(.1909)	2.6845	(1.0569)	.3559	(.1401)	OCT-1
2	3.1880	(1.2551)	57109900	2.3845	(.9388)	.4699	(.1850)	2.4177	(.9519)	.4291	(.1689)	2
NOV-1	3.4191	(1.3461)	54119900	2.3323	(.9182)	.4553	(.1793)	2.2759	(.8960)	.3392	(.1336)	NOV-1
2	3.8697	(1.5235)	65112300	2.2537	(.8873)	.5851	(.2304)	2.1514	(.8470)	.5663	(.2229)	2
DEC-1	3.9083	(1.5387)	66120512	2.1213	(.8351)	.5052	(.1989)	2.1333	(.8399)	.5500	(.2165)	DEC-1
2	3.0762	(1.2111)	71122500	2.1086	(.8302)	.5660	(.2228)	2.0589	(.8106)	.5495	(.2164)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.4374	(.5659)	53019900	.9888	(.3893)	.1941	(.0764)	.9649	(.3799)	.2170	(.0854)	JAN-1
2	1.4488	(.5704)	69012512	1.0149	(.3996)	.1969	(.0775)	1.0225	(.4026)	.1781	(.0701)	2
FEB-1	1.4384	(.5663)	63029900	1.0121	(.3985)	.1878	(.0739)	1.0237	(.4030)	.1790	(.0705)	FEB-1
2	1.4282	(.5623)	59029900	.9814	(.3864)	.1856	(.0731)	.9858	(.3881)	.1410	(.0555)	2
MAR-1	1.3609	(.5358)	54039900	.9745	(.3836)	.1628	(.0641)	.9749	(.3838)	.1182	(.0465)	MAR-1
2	1.4072	(.5540)	67031712	1.0065	(.3963)	.1316	(.0518)	1.0217	(.4023)	.1216	(.0479)	2
APR-1	1.2814	(.5045)	63049912	1.0417	(.4101)	.1391	(.0548)	1.0475	(.4124)	.0967	(.0381)	APR-1
2	1.4072	(.5540)	53049900	1.0456	(.4117)	.1590	(.0626)	1.0532	(.4147)	.1166	(.0459)	2
MAY-1	1.3508	(.5318)	50059912	1.0870	(.4280)	.1117	(.0440)	1.1318	(.4456)	.1109	(.0437)	MAY-1
2	1.3767	(.5420)	57059912	1.1552	(.4548)	.1062	(.0418)	1.1900	(.4685)	.0762	(.0300)	2
JUN-1	1.6698	(.6574)	48069900	1.2868	(.5066)	.1336	(.0526)	1.2834	(.5053)	.1026	(.0404)	JUN-1
2	1.7681	(.6961)	50069912	1.2893	(.5076)	.1430	(.0563)	1.3331	(.5248)	.1553	(.0611)	2
JUL-1	1.9909	(.7838)	50079912	1.3940	(.5488)	.2407	(.0948)	1.4255	(.5612)	.2697	(.1062)	JUL-1
2	2.0681	(.8142)	68072912	1.5892	(.6257)	.2349	(.0925)	1.7010	(.6697)	.2570	(.1012)	2
AUG-1	2.1664	(.8529)	47089900	1.5668	(.6168)	.3080	(.1213)	1.6806	(.6616)	.2355	(.0927)	AUG-1
2	2.2126	(.8711)	46089912	1.5981	(.6292)	.2670	(.1051)	1.6573	(.6525)	.2379	(.0937)	2
SEP-1	2.0211	(.7957)	59099900	1.5227	(.5995)	.2384	(.0939)	1.5646	(.6160)	.2555	(.1006)	SEP-1
2	1.9827	(.7806)	52099900	1.4913	(.5871)	.2686	(.1057)	1.5083	(.5938)	.2426	(.0955)	2
OCT-1	1.8529	(.7295)	46109900	1.3596	(.5353)	.2000	(.0787)	1.3592	(.5351)	.1325	(.0522)	OCT-1
2	1.6353	(.6438)	56109900	1.2475	(.4912)	.1799	(.0708)	1.2286	(.4837)	.1967	(.0774)	2
NOV-1	1.4211	(.5595)	53119900	1.1751	(.4626)	.1446	(.0569)	1.1922	(.4694)	.1223	(.0481)	NOV-1
2	1.6828	(.6625)	65112300	1.1273	(.4438)	.2358	(.0929)	1.1157	(.4392)	.1998	(.0787)	2
DEC-1	1.6253	(.6399)	66120612	1.0534	(.4147)	.1966	(.0774)	1.0757	(.4235)	.1759	(.0692)	DEC-1
2	1.4930	(.5878)	55129912	1.0572	(.4162)	.2152	(.0847)	1.0523	(.4143)	.2383	(.0938)	2

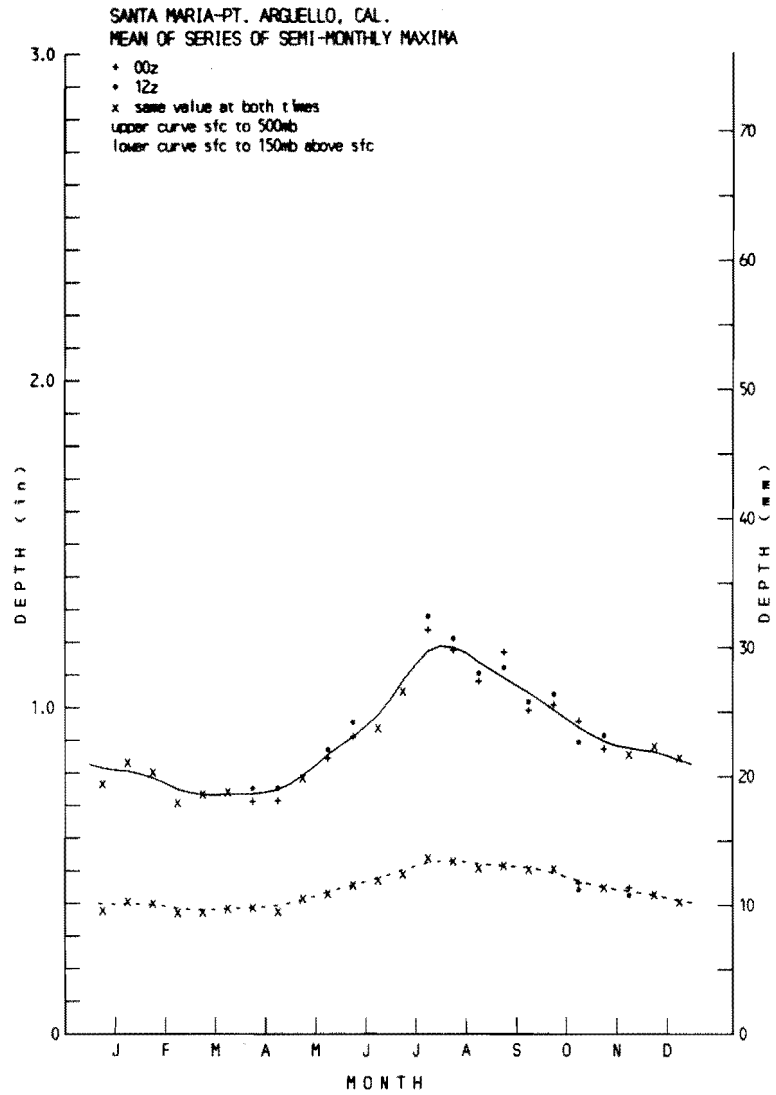

SAN NICOLAS ISLAND, CAL.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


SAN NICOLAS ISLAND, CAL.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

SAN NICOLAS ISLAND, CAL. 20 YEARS OF RECORD

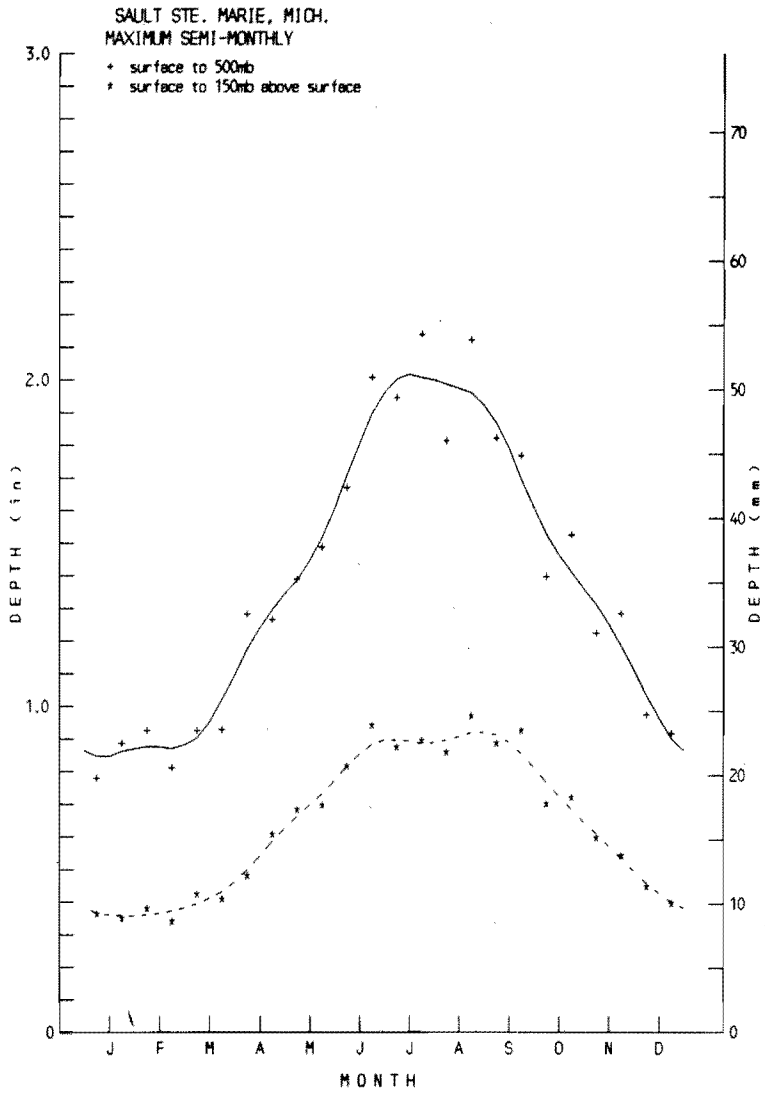
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.7917	(1.0991)	70011500	1.5296	(.6022)	.6018	(.2369)	1.7823	(.7017)	.5694	(.2242)	JAN-1
2	3.2492	(1.2792)	69012512	2.0721	(.8158)	.6516	(.2565)	1.9367	(.7625)	.7466	(.2939)	2
FEB-1	3.0300	(1.1929)	57020815	1.5919	(.6267)	.4655	(.1833)	1.9970	(.7862)	.6457	(.2542)	FEB-1
2	2.8707	(1.1302)	55021615	1.4770	(.5815)	.4973	(.1958)	1.7486	(.6884)	.6460	(.2543)	2
MAR-1	3.1501	(1.2402)	54030915	1.3682	(.5387)	.4497	(.1770)	1.7079	(.6724)	.5668	(.2231)	MAR-1
2	2.8057	(1.1046)	67031700	1.5439	(.6078)	.5284	(.2080)	1.7080	(.6724)	.5120	(.2016)	2
APR-1	2.5428	(1.0011)	69040600	1.6359	(.6440)	.5102	(.2009)	1.6325	(.6427)	.4215	(.1659)	APR-1
2	2.2649	(.8917)	65042712	1.3090	(.5154)	.1701	(.0670)	1.5213	(.5989)	.3508	(.1381)	2
MAY-1	2.3355	(.9195)	69050812	1.4001	(.5512)	.5790	(.2279)	1.6878	(.6645)	.3857	(.1518)	MAY-1
2	2.5296	(.9959)	54051915	1.6037	(.6314)	.4326	(.1703)	1.8682	(.7355)	.3632	(.1430)	2
JUN-1	2.9286	(1.1530)	69061512	1.8739	(.7378)	.2907	(.1144)	2.0849	(.8208)	.3896	(.1534)	JUN-1
2	3.0048	(1.1830)	72062100	2.0311	(.7996)	.5425	(.2136)	2.0959	(.8252)	.4460	(.1756)	2
JUL-1	3.8494	(1.5155)	69071200	2.4522	(.9654)	.7452	(.2934)	2.7644	(1.0883)	.5589	(.2200)	JUL-1
2	4.1943	(1.6513)	67072712	2.6115	(1.0281)	.7090	(.2791)	3.2447	(1.2775)	.6394	(.2517)	2
AUG-1	4.1021	(1.6150)	60081112	2.6888	(1.0586)	.5592	(.2202)	2.9319	(1.1543)	.8120	(.3197)	AUG-1
2	4.3683	(1.7198)	68082612	2.4414	(.9612)	.6139	(.2417)	2.9627	(1.1664)	.6099	(.2401)	2
SEP-1	4.4008	(1.7326)	72090600	2.4349	(.9586)	.8557	(.3369)	2.8289	(1.1137)	.7747	(.3050)	SEP-1
2	3.2062	(1.2623)	66092912	1.9679	(.7747)	.7690	(.3027)	2.4359	(.9590)	.5076	(.1998)	2
OCT-1	3.7780	(1.4874)	60100612	1.9597	(.7715)	.6965	(.2742)	2.3762	(.9355)	.6154	(.2423)	OCT-1
2	2.6119	(1.0283)	59102712	1.7287	(.6806)	.6379	(.2511)	2.0376	(.8022)	.3432	(.1351)	2
NOV-1	3.1890	(1.2555)	53111015	1.8135	(.7140)	.6503	(.2560)	2.0630	(.8122)	.6738	(.2653)	NOV-1
2	3.4793	(1.3698)	66112812	1.7027	(.6704)	.7713	(.3037)	1.7263	(.6797)	.7891	(.3107)	2
DEC-1	2.9698	(1.1692)	66120700	1.6218	(.6385)	.6464	(.2545)	1.8874	(.7431)	.4530	(.1783)	DEC-1
2	2.9169	(1.1484)	69122000	1.8479	(.7275)	.6175	(.2431)	1.8189	(.7161)	.5526	(.2176)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.3203	(.5198)	63010812	.7957	(.3133)	.2996	(.1179)	.8902	(.3505)	.2678	(.1054)	JAN-1
2	1.5451	(.6083)	70011700	1.0366	(.4081)	.2753	(.1084)	.9899	(.3897)	.3096	(.1219)	2
FEB-1	1.5156	(.5967)	63020112	.8520	(.3354)	.2459	(.0968)	.9919	(.3905)	.2822	(.1111)	FEB-1
2	1.3122	(.5166)	68021800	.8389	(.3303)	.2962	(.1166)	.9294	(.3659)	.2390	(.0941)	2
MAR-1	1.3480	(.5307)	54030915	.7766	(.3058)	.2320	(.0914)	.9461	(.3725)	.1998	(.0787)	MAR-1
2	1.4143	(.5568)	67031700	.8624	(.3395)	.2278	(.0897)	.8865	(.3490)	.1633	(.0643)	2
APR-1	1.2817	(.5046)	69040600	.8683	(.3418)	.2410	(.0949)	.9199	(.3622)	.1718	(.0676)	APR-1
2	1.0577	(.4164)	65042712	.7883	(.3104)	.0905	(.0356)	.8443	(.3324)	.1380	(.0543)	2
MAY-1	1.1514	(.4533)	55051015	.7961	(.3134)	.2416	(.0951)	.9488	(.3735)	.1373	(.0540)	MAY-1
2	1.2662	(.4985)	54051815	.9228	(.3633)	.1637	(.0645)	.9995	(.3935)	.1226	(.0483)	2
JUN-1	1.2779	(.5031)	69061512	.9917	(.3904)	.1869	(.0736)	1.1033	(.4344)	.1705	(.0671)	JUN-1
2	1.3523	(.5324)	72062300	1.0508	(.4137)	.2078	(.0818)	1.0618	(.4180)	.1430	(.0563)	2
JUL-1	1.7254	(.6793)	59070112	1.1593	(.4564)	.2798	(.1102)	1.2405	(.4884)	.2319	(.0913)	JUL-1
2	1.8494	(.7281)	60072612	1.0553	(.4155)	.1875	(.0738)	1.2976	(.5109)	.2561	(.1008)	2
AUG-1	1.5243	(.6001)	65081312	1.0763	(.4237)	.2469	(.0972)	1.2257	(.4826)	.2189	(.0862)	AUG-1
2	1.7640	(.6945)	68082612	1.0937	(.4306)	.2375	(.0935)	1.2598	(.4960)	.2606	(.1026)	2
SEP-1	1.9357	(.7621)	72090600	1.1773	(.4635)	.3407	(.1341)	1.2592	(.4958)	.2589	(.1019)	SEP-1
2	1.8448	(.7263)	66091812	1.0090	(.3972)	.3507	(.1381)	1.2878	(.5070)	.2340	(.0921)	2
OCT-1	1.6833	(.6627)	60100612	1.0407	(.4097)	.2647	(.1042)	1.2712	(.5005)	.2498	(.0983)	OCT-1
2	1.8865	(.7427)	52101615	.9041	(.3559)	.3035	(.1195)	1.0541	(.4150)	.2747	(.1082)	2
NOV-1	1.5093	(.5942)	63110612	.9990	(.3933)	.3605	(.1419)	1.1259	(.4433)	.2804	(.1104)	NOV-1
2	1.6553	(.6517)	66112900	.9479	(.3732)	.3281	(.1292)	.8903	(.3505)	.3028	(.1192)	2
DEC-1	1.5690	(.6177)	66120600	.8749	(.3444)	.3384	(.1332)	1.0241	(.4032)	.2183	(.0859)	DEC-1
2	1.4557	(.5731)	64122412	1.0257	(.4038)	.2418	(.0952)	.9681	(.3811)	.2988	(.1176)	2


SANTA MARIA-PT. ARGUELLO, CAL.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


SANTA MARIA-PT. ARGUELLO, CAL.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

SANTA MARIA-PT. ARGUELLO, CAL. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.1212	(1.2288)	56011503	1.9716	(.7762)	.5795	(.2282)	1.9389	(.7634)	.5572	(.2194)	JAN-1
2	3.2088	(1.2633)	70011612	2.1098	(.8306)	.5442	(.2143)	2.1335	(.8400)	.5572	(.2194)	2
FEB-1	3.2161	(1.2662)	63029912	2.0314	(.7997)	.5353	(.2108)	2.0629	(.8122)	.5408	(.2129)	FEB-1
2	2.7402	(1.0788)	55021615	1.8231	(.7178)	.4103	(.1615)	1.7956	(.7069)	.4132	(.1627)	2
MAR-1	2.9609	(1.1657)	54030915	1.8965	(.7466)	.4193	(.1651)	1.8555	(.7305)	.4009	(.1578)	MAR-1
2	3.2314	(1.2722)	67031612	1.8830	(.7413)	.3881	(.1528)	1.9058	(.7503)	.3988	(.1570)	2
APR-1	2.9576	(1.1644)	48040915	1.8053	(.7108)	.3258	(.1283)	1.9090	(.7516)	.3694	(.1454)	APR-1
2	2.8194	(1.1100)	53042715	1.8108	(.7129)	.3560	(.1401)	1.9091	(.7516)	.3701	(.1457)	2
MAY-1	2.5977	(1.0227)	56050403	2.0208	(.7956)	.3449	(.1358)	1.9833	(.7808)	.2627	(.1034)	MAY-1
2	3.3487	(1.3184)	57051815	2.1421	(.8433)	.3001	(.1181)	2.2101	(.8701)	.3915	(.1541)	2
JUN-1	3.2911	(1.2957)	57061000	2.3096	(.9093)	.3664	(.1442)	2.4235	(.9541)	.2947	(.1160)	JUN-1
2	2.9934	(1.1785)	52062315	2.3811	(.9375)	.3169	(.1248)	2.4017	(.9455)	.3658	(.1440)	2
JUL-1	4.0808	(1.6066)	72071500	2.6569	(1.0460)	.5776	(.2274)	2.6957	(1.0613)	.6054	(.2384)	JUL-1
2	4.7549	(1.8720)	66073012	3.1395	(1.2360)	.5850	(.2303)	3.2453	(1.2777)	.6172	(.2430)	2
AUG-1	4.1016	(1.6148)	60089912	2.9816	(1.1739)	.5249	(.2067)	3.0733	(1.2100)	.4981	(.1961)	AUG-1
2	4.0345	(1.5884)	58081612	2.7406	(1.0790)	.4939	(.1945)	2.8042	(1.1040)	.4883	(.1922)	2
SEP-1	4.0759	(1.6047)	54090203	2.9650	(1.1673)	.5472	(.2154)	2.8464	(1.1206)	.6675	(.2628)	SEP-1
2	3.6632	(1.4422)	66093012	2.5136	(.9896)	.5840	(.2299)	2.5808	(1.0161)	.5932	(.2336)	2
OCT-1	3.8578	(1.5188)	60109912	2.5566	(1.0065)	.5303	(.2088)	2.6410	(1.0398)	.5220	(.2055)	OCT-1
2	3.4729	(1.3673)	69101612	2.4282	(.9560)	.5639	(.2220)	2.2667	(.8924)	.4723	(.1859)	2
NOV-1	3.1354	(1.2344)	70110412	2.2141	(.8717)	.4297	(.1692)	2.3201	(.9134)	.4403	(.1733)	NOV-1
2	3.7615	(1.4809)	50111915	2.1813	(.8588)	.6215	(.2447)	2.1845	(.8600)	.6783	(.2670)	2
DEC-1	3.4976	(1.3770)	66120512	2.2332	(.8792)	.5065	(.1994)	2.2597	(.8897)	.6008	(.2365)	DEC-1
2	3.8113	(1.5005)	55122215	2.1443	(.8442)	.6742	(.2654)	2.1708	(.8547)	.5956	(.2345)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.3139	(.5173)	69011412	.9677	(.3810)	.2075	(.0817)	.9709	(.3823)	.2321	(.0914)	JAN-1
2	1.4432	(.5682)	69012000	1.0513	(.4139)	.1936	(.0762)	1.0277	(.4046)	.1853	(.0730)	2
FEB-1	1.6393	(.6454)	63029900	1.0451	(.4115)	.2293	(.0903)	1.0067	(.3963)	.2000	(.0787)	FEB-1
2	1.3581	(.5347)	46022803	.9716	(.3825)	.1797	(.0707)	.9344	(.3679)	.1643	(.0647)	2
MAR-1	1.2817	(.5046)	54030915	.9748	(.3838)	.1331	(.0524)	.9404	(.3702)	.1222	(.0481)	MAR-1
2	1.3203	(.5198)	67031700	.9938	(.3913)	.1444	(.0569)	.9795	(.3856)	.1274	(.0502)	2
APR-1	1.3218	(.5204)	63049912	.9751	(.3839)	.1415	(.0557)	1.0085	(.3971)	.1435	(.0565)	APR-1
2	1.2131	(.4776)	59042600	.9652	(.3800)	.1552	(.0611)	.9594	(.3777)	.1242	(.0489)	2
MAY-1	1.3228	(.5208)	47050703	1.0696	(.4211)	.1347	(.0530)	1.0543	(.4151)	.1134	(.0446)	MAY-1
2	1.5131	(.5957)	67052300	1.0971	(.4319)	.1505	(.0593)	1.1047	(.4349)	.0937	(.0369)	2
JUN-1	1.5959	(.6283)	47060803	1.1550	(.4547)	.1533	(.0603)	1.1843	(.4663)	.1370	(.0539)	JUN-1
2	1.4379	(.5661)	51061903	1.1995	(.4722)	.1110	(.0437)	1.2126	(.4774)	.1214	(.0478)	2
JUL-1	1.8547	(.7302)	72071500	1.2520	(.4929)	.2205	(.0868)	1.2538	(.4936)	.2107	(.0829)	JUL-1
2	2.1105	(.8309)	70072700	1.3915	(.5478)	.2253	(.0887)	1.3645	(.5372)	.1955	(.0770)	2
AUG-1	2.0010	(.7878)	61089900	1.3504	(.5316)	.2115	(.0833)	1.3589	(.5350)	.1777	(.0700)	AUG-1
2	1.8829	(.7413)	61089912	1.3190	(.5193)	.1431	(.0564)	1.2811	(.5044)	.2340	(.0921)	2
SEP-1	1.7772	(.6997)	58090800	1.3220	(.5205)	.1908	(.0751)	1.3182	(.5190)	.2051	(.0808)	SEP-1
2	1.6873	(.6643)	66093000	1.2987	(.5113)	.2084	(.0820)	1.2781	(.5032)	.2006	(.0790)	2
OCT-1	1.7463	(.6875)	60109912	1.3041	(.5134)	.1868	(.0735)	1.2851	(.5059)	.1943	(.0765)	OCT-1
2	1.5608	(.6145)	47101703	1.1731	(.4618)	.1842	(.0725)	1.1206	(.4412)	.1827	(.0719)	2
NOV-1	1.4783	(.5820)	70110500	1.1604	(.4569)	.1596	(.0628)	1.1408	(.4491)	.1769	(.0696)	NOV-1
2	1.6675	(.6565)	50112003	1.1359	(.4472)	.2302	(.0906)	1.0752	(.4233)	.2402	(.0946)	2
DEC-1	1.5664	(.6167)	66120600	1.1048	(.4350)	.1626	(.0640)	1.0819	(.4259)	.1970	(.0776)	DEC-1
2	1.6093	(.6336)	64129900	1.0481	(.4126)	.2563	(.1009)	1.0266	(.4042)	.2211	(.0871)	2


SAULT STE. MARIE, MICH.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
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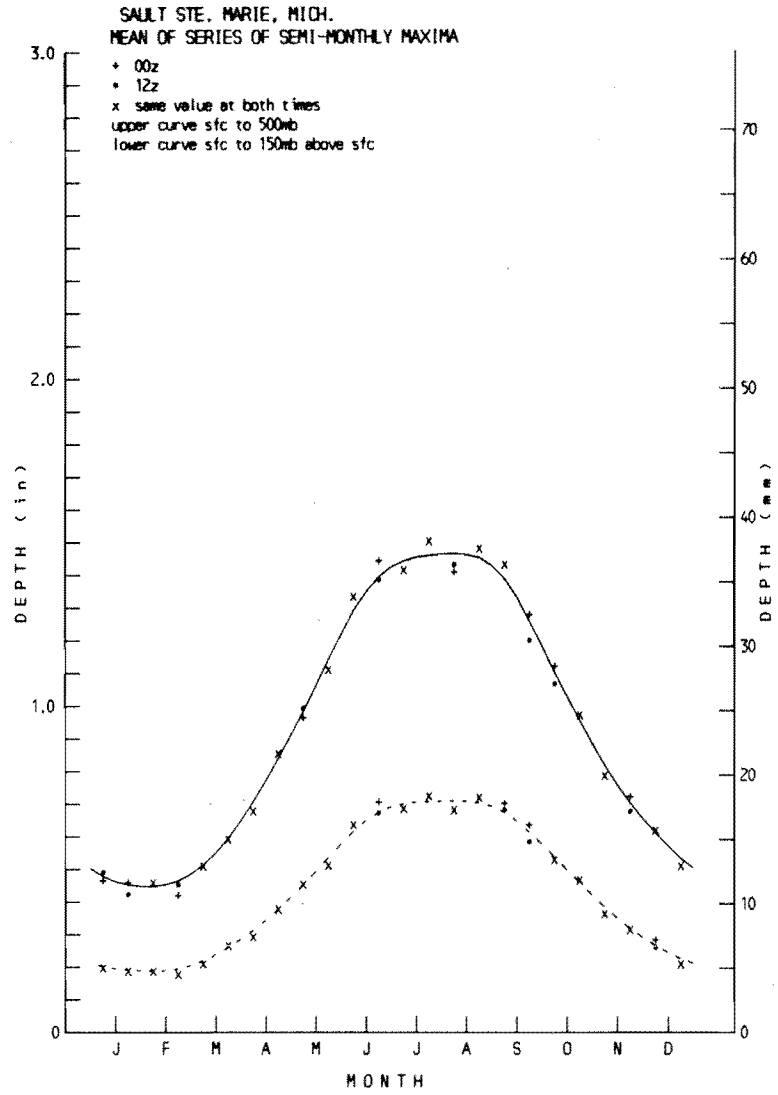
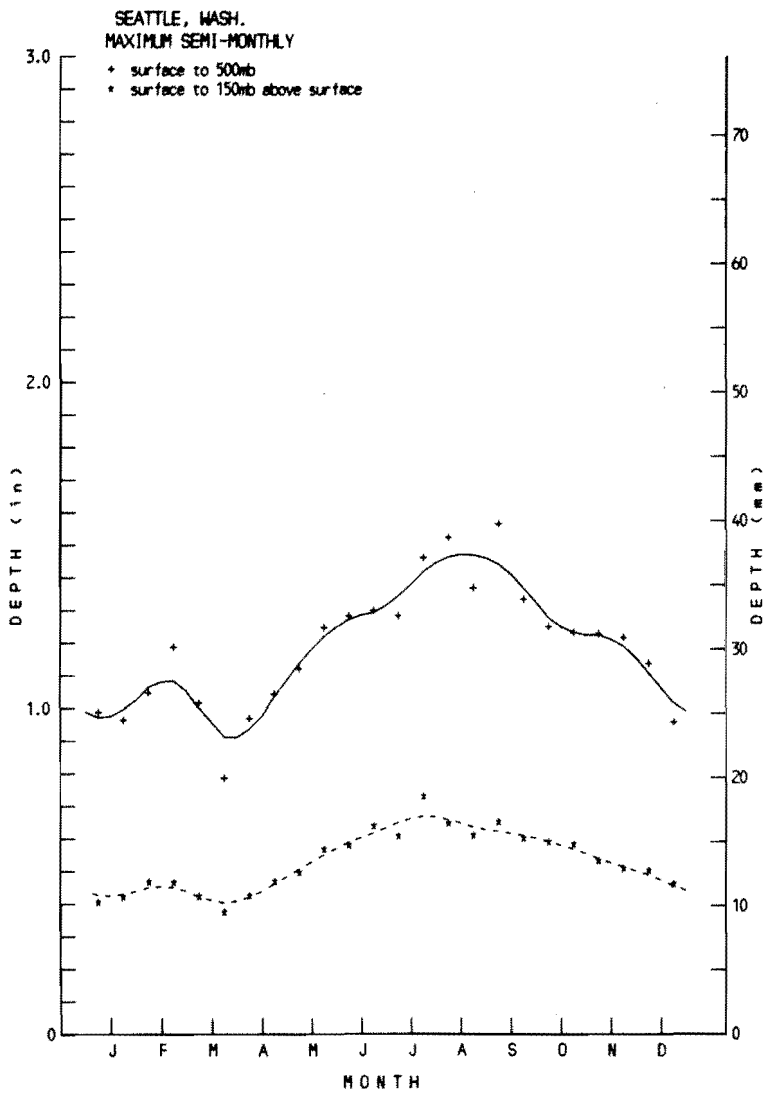
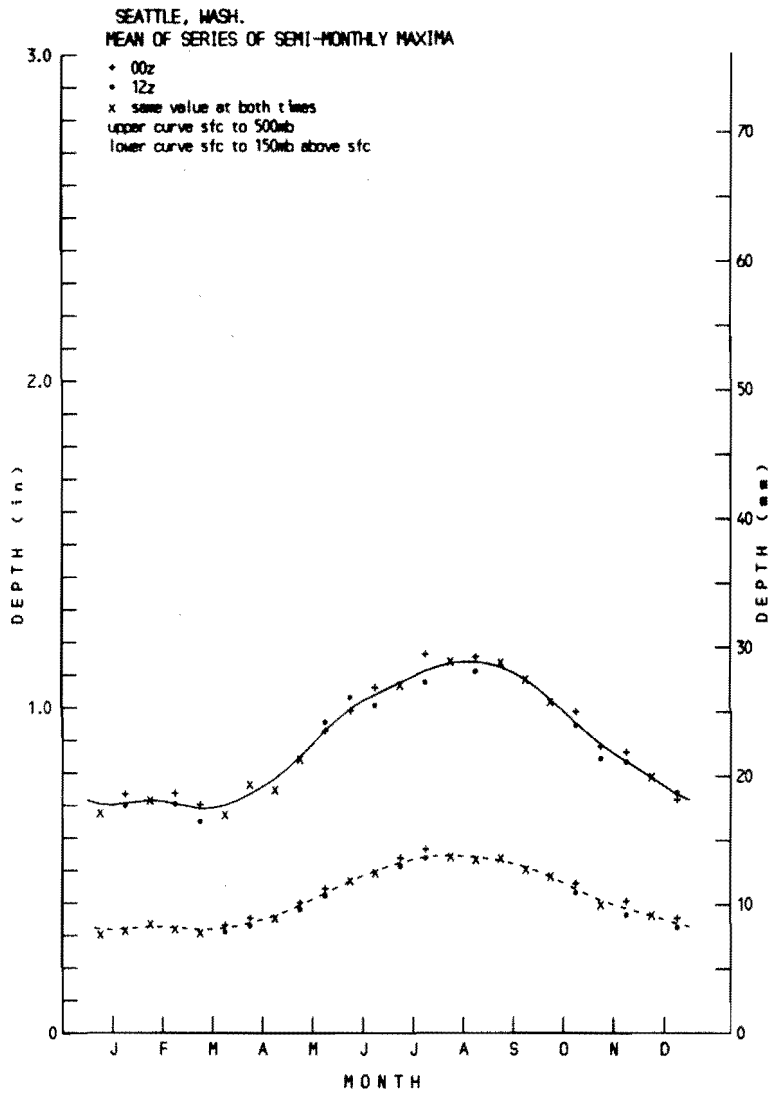
J F M A M J J A S O N D
MONTH


SAULT STE. MARIE, MICH.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

SAULT STE. MARIE, MICH. 27 YEARS OF RECORD

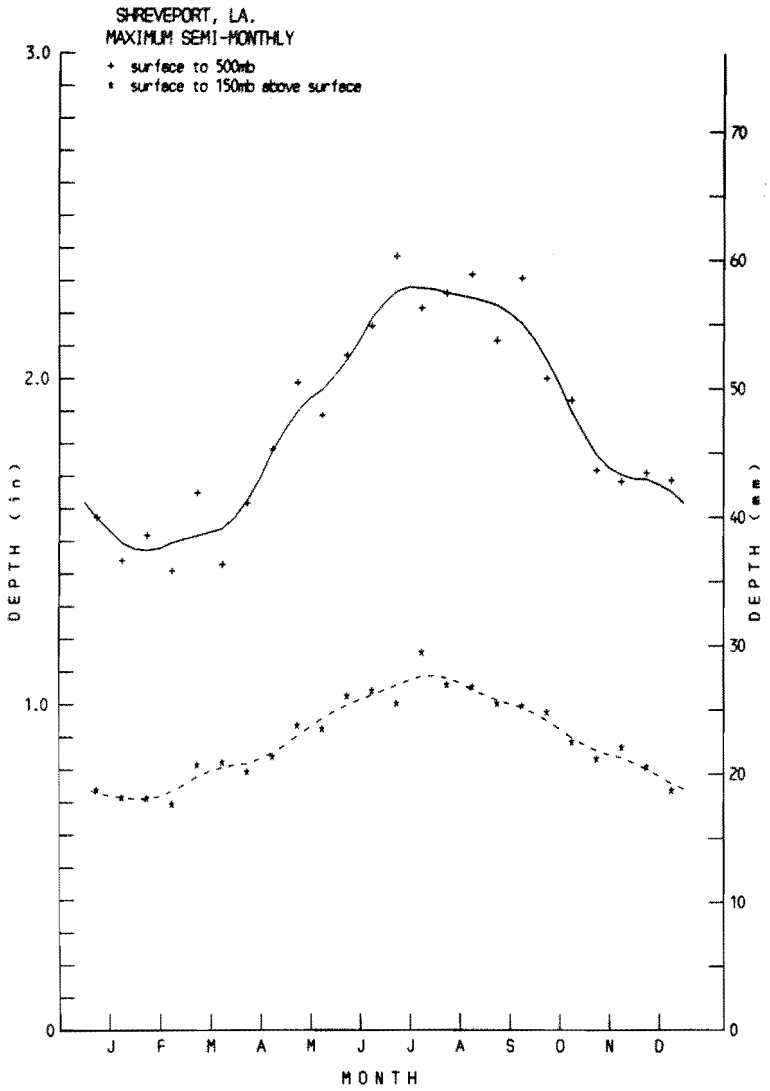
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.9754	(.7777)	49010515	1.1776	(.4636)	.3697	(.1455)	1.2440	(.4898)	.3455	(.1360)	JAN-1
2	2.2474	(.8848)	49011603	1.1634	(.4580)	.4176	(.1644)	1.0701	(.4213)	.3488	(.1373)	2
FEB-1	2.3459	(.9236)	66021000	1.1542	(.4544)	.4178	(.1645)	1.1918	(.4692)	.3668	(.1444)	FEB-1
2	2.0564	(.8096)	51022615	1.0616	(.4180)	.4053	(.1596)	1.1452	(.4509)	.4138	(.1629)	2
MAR-1	2.3449	(.9232)	71031500	1.2964	(.5104)	.4159	(.1637)	1.3105	(.5160)	.4075	(.1604)	MAR-1
2	2.3525	(.9262)	67033112	1.4921	(.5874)	.4326	(.1703)	1.5319	(.6031)	.5682	(.2237)	2
APR-1	3.2530	(1.2807)	67041412	1.7094	(.6730)	.5175	(.2038)	1.7541	(.6906)	.5444	(.2143)	APR-1
2	3.2098	(1.2637)	57042003	2.1956	(.8644)	.5138	(.2023)	2.1656	(.8526)	.4729	(.1862)	2
MAY-1	3.5258	(1.3881)	59050612	2.4473	(.9635)	.5393	(.2123)	2.5230	(.9933)	.5597	(.2203)	MAY-1
2	3.7747	(1.4861)	60052112	2.8396	(1.1180)	.4950	(.1949)	2.8262	(1.1127)	.4950	(.1949)	2
JUN-1	4.2375	(1.6683)	67061500	3.4174	(1.3454)	.4723	(.1859)	3.3849	(1.3326)	.3426	(.1349)	JUN-1
2	5.0937	(2.0054)	59062800	3.6665	(1.4435)	.6022	(.2371)	3.5187	(1.3853)	.5430	(.2138)	2
JUL-1	4.9365	(1.9435)	70070112	3.6012	(1.4178)	.4313	(.1698)	3.6125	(1.4222)	.5477	(.2156)	JUL-1
2	5.4290	(2.1374)	55072703	3.8363	(1.5104)	.5957	(.2345)	3.8274	(1.5068)	.5696	(.2242)	2
AUG-1	4.6007	(1.8113)	64080300	3.5783	(1.4088)	.5134	(.2021)	3.6367	(1.4318)	.5033	(.1981)	AUG-1
2	5.3856	(2.1203)	68082400	3.7721	(1.4851)	.6328	(.2491)	3.7744	(1.4860)	.4887	(.1924)	2
SEP-1	4.6215	(1.8195)	47091015	3.6687	(1.4444)	.4846	(.1908)	3.6308	(1.4294)	.5132	(.2020)	SEP-1
2	4.4839	(1.7653)	58092500	3.2480	(1.2787)	.5547	(.2184)	3.0492	(1.2005)	.5742	(.2261)	2
OCT-1	3.5453	(1.3958)	70101000	2.8471	(1.1209)	.4310	(.1697)	2.7100	(1.0669)	.4575	(.1801)	OCT-1
2	3.8664	(1.5222)	71102000	2.4923	(.9812)	.6279	(.2472)	2.4704	(.9726)	.5724	(.2254)	2
NOV-1	3.1054	(1.2226)	56110115	2.0065	(.7900)	.4308	(.1696)	2.0129	(.7925)	.4385	(.1726)	NOV-1
2	3.2555	(1.2817)	58111800	1.8311	(.7209)	.5741	(.2260)	1.7168	(.6759)	.4513	(.1777)	2
DEC-1	2.4707	(.9727)	46120903	1.6085	(.6332)	.4387	(.1727)	1.5587	(.6137)	.3820	(.1504)	DEC-1
2	2.3226	(.9144)	65123112	1.3247	(.5215)	.4243	(.1671)	1.2822	(.5048)	.4420	(.1740)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.9177	(.3613)	47011415	.5046	(.1987)	.1509	(.0594)	.5154	(.2029)	.1659	(.0653)	JAN-1
2	.8847	(.3483)	49011603	.5004	(.1970)	.1741	(.0685)	.4682	(.1843)	.1597	(.0629)	2
FEB-1	.9611	(.3784)	54021515	.4872	(.1918)	.1400	(.0551)	.4809	(.1893)	.1737	(.0684)	FEB-1
2	.8598	(.3385)	71022700	.4485	(.1766)	.1530	(.0603)	.4720	(.1858)	.1395	(.0549)	2
MAR-1	1.0734	(.4226)	46030615	.5333	(.2100)	.1554	(.0612)	.5482	(.2158)	.1825	(.0718)	MAR-1
2	1.0353	(.4076)	66031812	.6768	(.2664)	.1832	(.0721)	.6939	(.2732)	.2278	(.0897)	2
APR-1	1.2164	(.4789)	67041412	.7552	(.2973)	.2063	(.0812)	.7480	(.2945)	.2172	(.0855)	APR-1
2	1.5370	(.6051)	57042015	.9899	(.3897)	.2579	(.1015)	.9466	(.3727)	.2520	(.0992)	2
MAY-1	1.7310	(.6815)	59050612	1.1404	(.4490)	.2597	(.1022)	1.1851	(.4666)	.2711	(.1067)	MAY-1
2	1.7653	(.6950)	69052900	1.3141	(.5174)	.2595	(.1022)	1.3083	(.5151)	.2542	(.1001)	2
JUN-1	2.0714	(.8155)	67061500	1.6241	(.6394)	.2219	(.0874)	1.6274	(.6407)	.1990	(.0784)	JUN-1
2	2.3884	(.9403)	53062103	1.7903	(.7048)	.2564	(.1010)	1.7063	(.6718)	.2386	(.0940)	2
JUL-1	2.2192	(.8737)	68071512	1.7618	(.6936)	.2272	(.0894)	1.7454	(.6872)	.2116	(.0833)	JUL-1
2	2.2715	(.8943)	55073103	1.8568	(.7310)	.2452	(.0965)	1.8452	(.7265)	.2265	(.0892)	2
AUG-1	2.1783	(.8576)	47081315	1.7396	(.6849)	.2169	(.0854)	1.7464	(.6876)	.1952	(.0768)	AUG-1
2	2.4635	(.9699)	68082400	1.8612	(.7328)	.2786	(.1097)	1.8165	(.7152)	.2190	(.0862)	2
SEP-1	2.2497	(.8857)	47091103	1.7818	(.7015)	.2645	(.1041)	1.7295	(.6809)	.2604	(.1025)	SEP-1
2	2.3465	(.9238)	58092512	1.6122	(.6347)	.2760	(.1087)	1.4830	(.5839)	.2866	(.1128)	2
OCT-1	1.7757	(.6991)	49100915	1.3806	(.5435)	.2008	(.0791)	1.3302	(.5237)	.2490	(.0980)	OCT-1
2	1.8255	(.7187)	68101600	1.2069	(.4751)	.3053	(.1202)	1.1875	(.4675)	.2922	(.1150)	2
NOV-1	1.5131	(.5957)	61110300	.9286	(.3656)	.2197	(.0865)	.9396	(.3699)	.2325	(.0915)	NOV-1
2	1.3726	(.5404)	58111800	.8290	(.3264)	.2418	(.0952)	.7879	(.3102)	.2063	(.0812)	2
DEC-1	1.1326	(.4459)	49121203	.7171	(.2823)	.2217	(.0873)	.6564	(.2584)	.1800	(.0709)	DEC-1
2	1.0005	(.3939)	65123112	.5281	(.2079)	.1373	(.0541)	.5534	(.2179)	.1823	(.0718)	2

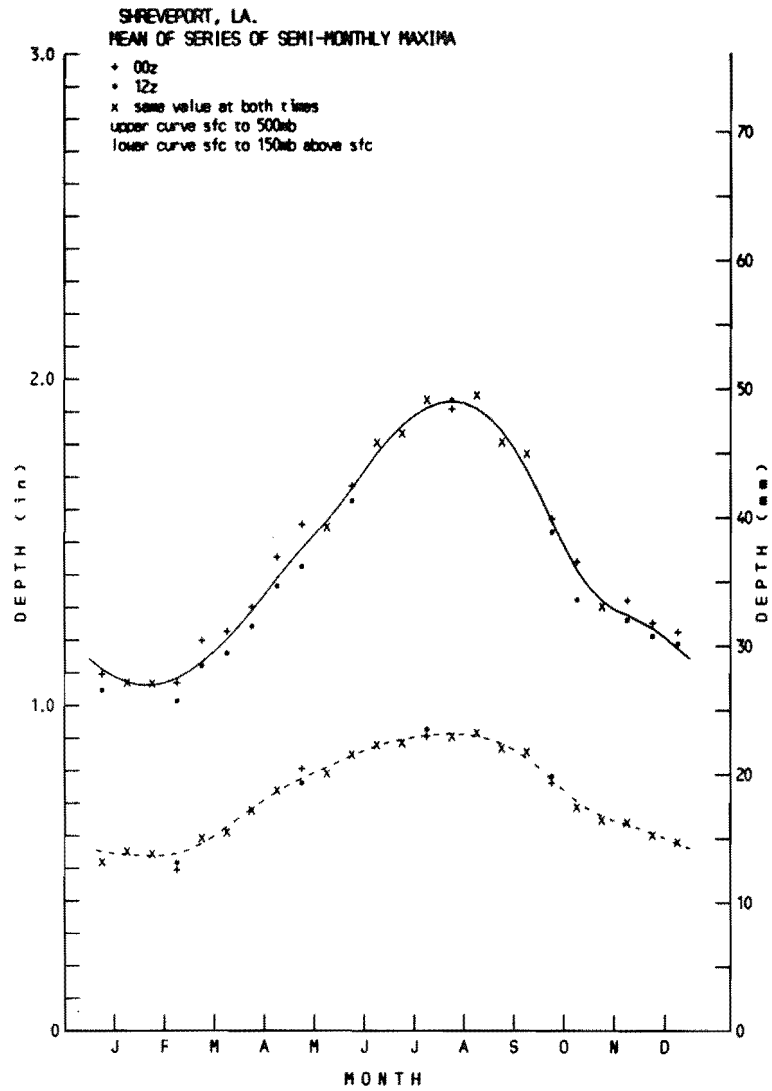

SEATTLE, WASH.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


SEATTLE, WASH.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

SEATTLE, WASH. 18 YEARS OF RECORD

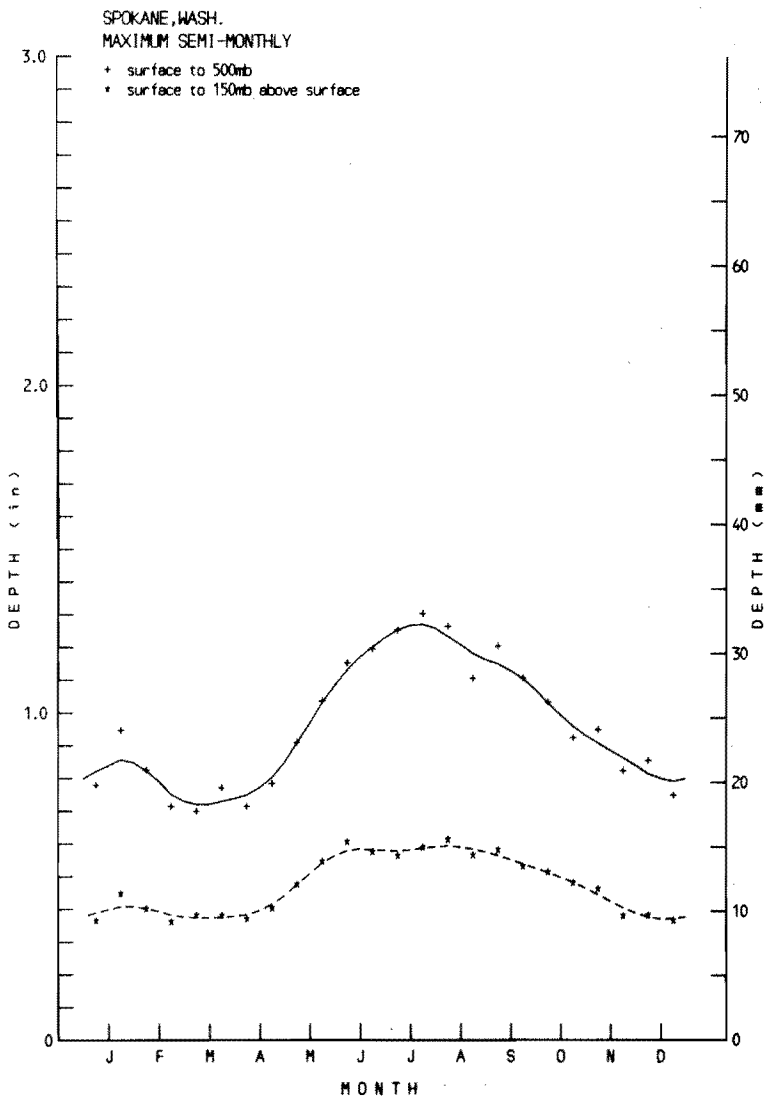
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED			MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z)				12Z(15Z)				MONTH
	MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	
				SURFACE TO 500MB								
JAN-1	2.5052	(.9863)	62019900	1.7202	(.6772)	.3977	(.1566)	1.7330	(.6823)	.3461	(.1363)	JAN-1
2	2.4455	(.9628)	53019900	1.8587	(.7318)	.3196	(.1258)	1.7688	(.6964)	.3498	(.1377)	2
FEB-1	2.6579	(1.0464)	60029900	1.8391	(.7240)	.4746	(.1869)	1.8101	(.7126)	.4127	(.1625)	FEB-1
2	3.0145	(1.1868)	63029900	1.8652	(.7343)	.4460	(.1756)	1.7832	(.7021)	.4118	(.1621)	2
MAR-1	2.5804	(1.0159)	54039900	1.7763	(.6993)	.3420	(.1346)	1.6466	(.6482)	.3225	(.1270)	MAR-1
2	1.9944	(.7852)	53039912	1.7124	(.6742)	.2658	(.1047)	1.7072	(.6721)	.1975	(.0778)	2
APR-1	2.4577	(.9676)	48049900	1.9538	(.7692)	.2965	(.1168)	1.9380	(.7630)	.2927	(.1152)	APR-1
2	2.6490	(1.0429)	48049900	1.9053	(.7501)	.3983	(.1568)	1.9057	(.7503)	.2821	(.1111)	2
MAY-1	2.8463	(1.1206)	51059900	2.1547	(.8483)	.2991	(.1178)	2.1331	(.8398)	.2910	(.1146)	MAY-1
2	3.1669	(1.2468)	55059912	2.3518	(.9259)	.3304	(.1301)	2.4205	(.9529)	.3555	(.1400)	2
JUN-1	3.2535	(1.2809)	51069900	2.5097	(.9881)	.5786	(.2278)	2.6141	(1.0292)	.3071	(.1209)	JUN-1
2	3.2987	(1.2987)	58069900	2.6899	(1.0590)	.3571	(.1406)	2.5520	(1.0047)	.3316	(.1306)	2
JUL-1	3.2573	(1.2824)	50079900	2.7345	(1.0766)	.3187	(.1255)	2.7115	(1.0675)	.2986	(.1176)	JUL-1
2	3.7087	(1.4601)	55079912	2.9460	(1.1598)	.4295	(.1691)	2.7313	(1.0753)	.4386	(.1727)	2
AUG-1	3.8651	(1.5217)	50089900	2.9143	(1.1473)	.4046	(.1593)	2.8995	(1.1415)	.3537	(.1393)	AUG-1
2	3.4734	(1.3675)	50089900	2.9282	(1.1528)	.3519	(.1385)	2.8144	(1.1080)	.2931	(.1154)	2
SEP-1	3.9703	(1.5631)	57099912	2.8926	(1.1388)	.3695	(.1455)	2.9013	(1.1423)	.4301	(.1693)	SEP-1
2	3.3851	(1.3327)	54099912	2.7676	(1.0896)	.2572	(.1012)	2.7606	(1.0868)	.3529	(.1389)	2
OCT-1	3.1720	(1.2488)	53109900	2.5667	(1.0105)	.3958	(.1558)	2.6160	(1.0299)	.3496	(.1377)	OCT-1
2	3.1262	(1.2308)	59109900	2.4998	(.9842)	.3722	(.1465)	2.3949	(.9429)	.3774	(.1486)	2
NOV-1	3.1173	(1.2273)	55119900	2.2293	(.8777)	.3512	(.1383)	2.1349	(.8405)	.4814	(.1895)	NOV-1
2	3.0874	(1.2155)	54119900	2.1836	(.8597)	.4828	(.1901)	2.1085	(.8301)	.3380	(.1331)	2
DEC-1	2.8854	(1.1360)	58129900	1.9967	(.7861)	.4236	(.1668)	2.0153	(.7934)	.3560	(.1401)	DEC-1
2	2.4318	(.9574)	54129912	1.8120	(.7134)	.4372	(.1721)	1.8681	(.7355)	.3433	(.1352)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.0287	(.4050)	53019912	.7559	(.2976)	.1488	(.0586)	.7942	(.3127)	.1410	(.0555)	JAN-1
2	1.0686	(.4207)	53019912	.8193	(.3225)	.1270	(.0500)	.7961	(.3134)	.1514	(.0596)	2
FEB-1	1.1849	(.4665)	62029900	.8746	(.3443)	.1635	(.0644)	.8396	(.3306)	.1660	(.0654)	FEB-1
2	1.1814	(.4651)	63029900	.8367	(.3294)	.1479	(.0582)	.8028	(.3161)	.1194	(.0470)	2
MAR-1	1.0734	(.4226)	54039900	.8127	(.3200)	.1277	(.0503)	.7623	(.3001)	.1333	(.0525)	MAR-1
2	.9497	(.3739)	49039900	.8362	(.3292)	.0757	(.0298)	.7838	(.3086)	.0858	(.0338)	2
APR-1	1.0775	(.4242)	48049912	.8925	(.3514)	.1036	(.0408)	.8306	(.3270)	.2261	(.0890)	APR-1
2	1.1887	(.4680)	48049900	.9272	(.3651)	.1345	(.0529)	.8815	(.3471)	.1189	(.0468)	2
MAY-1	1.2581	(.4953)	47059900	1.0108	(.3980)	.1369	(.0539)	.9581	(.3772)	.0948	(.0373)	MAY-1
2	1.4402	(.5670)	58059912	1.1215	(.4415)	.1591	(.0626)	1.0652	(.4194)	.1609	(.0634)	2
JUN-1	1.4707	(.5790)	48069912	1.2163	(.4788)	.1183	(.0466)	1.1768	(.4633)	.1177	(.0463)	JUN-1
2	1.6203	(.6379)	61069912	1.2799	(.5039)	.1146	(.0451)	1.2393	(.4879)	.1572	(.0619)	2
JUL-1	1.5413	(.6068)	53079900	1.3618	(.5361)	.1149	(.0452)	1.2976	(.5109)	.1148	(.0452)	JUL-1
2	1.8517	(.7290)	46079900	1.4281	(.5622)	.1575	(.0620)	1.3593	(.5352)	.1206	(.0475)	2
AUG-1	1.6406	(.6459)	63089912	1.3788	(.5428)	.1231	(.0484)	1.3906	(.5475)	.1202	(.0473)	AUG-1
2	1.5469	(.6090)	52089912	1.3597	(.5353)	.0930	(.0366)	1.3625	(.5364)	.0950	(.0374)	2
SEP-1	1.6513	(.6501)	53099900	1.3830	(.5445)	.1021	(.0402)	1.3591	(.5351)	.1461	(.0575)	SEP-1
2	1.5237	(.5999)	56099900	1.3078	(.5149)	.1038	(.0409)	1.2630	(.4973)	.1019	(.0401)	2
OCT-1	1.4938	(.5881)	53109912	1.2426	(.4892)	.1716	(.0676)	1.2195	(.4801)	.1461	(.0575)	OCT-1
2	1.4765	(.5813)	59109900	1.1623	(.4576)	.1104	(.0435)	1.0900	(.4291)	.1615	(.0636)	2
NOV-1	1.3495	(.5313)	54119912	1.0263	(.4040)	.1312	(.0516)	.9933	(.3911)	.1633	(.0643)	NOV-1
2	1.2893	(.5076)	49119900	1.0235	(.4030)	.1483	(.0584)	.9159	(.3606)	.1352	(.0532)	2
DEC-1	1.2751	(.5020)	55129912	.9286	(.3656)	.1474	(.0580)	.9282	(.3654)	.1492	(.0587)	DEC-1
2	1.1687	(.4601)	50129912	.8925	(.3514)	.1340	(.0527)	.8168	(.3216)	.1823	(.0718)	2

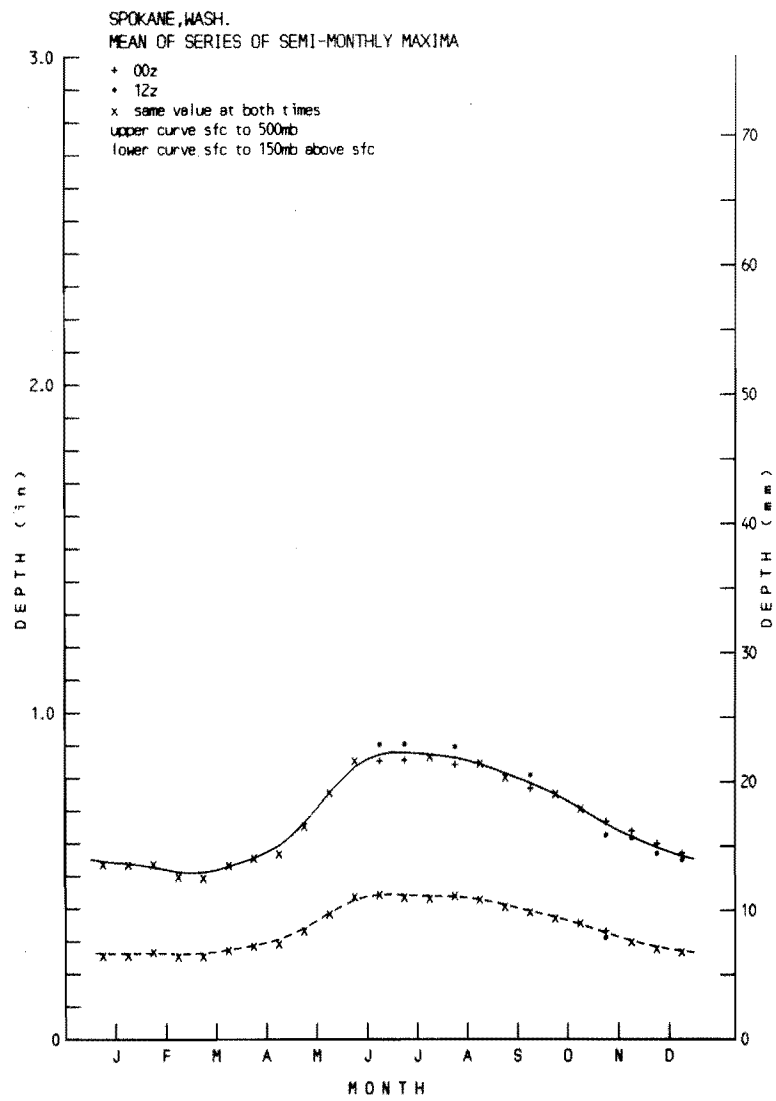

SHREVEPORT, LA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


SHREVEPORT, LA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

SHREVEPORT, LA. 21 YEARS OF RECORD

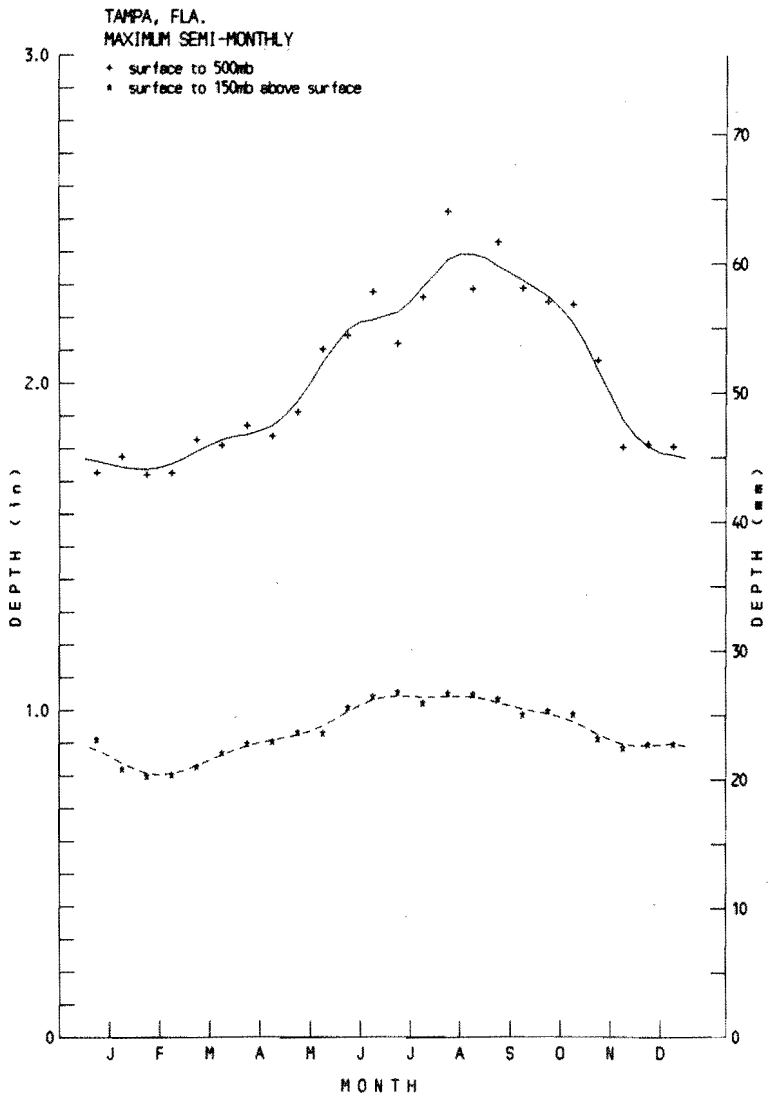
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.9939	(1.5724)	54011515	2.7788	(1.0940)	.5295	(.2085)	2.6552	(1.0454)	.6238	(.2456)	JAN-1
2	3.6566	(1.4396)	69013000	2.7296	(1.0746)	.5509	(.2169)	2.7324	(1.0757)	.5847	(.2302)	2
FEB-1	3.8517	(1.5164)	59021412	2.7168	(1.0696)	.5271	(.2075)	2.7260	(1.0732)	.3916	(.1542)	FEB-1
2	3.5763	(1.4080)	62022700	2.7122	(1.0678)	.6080	(.2394)	2.5707	(1.0121)	.5767	(.2270)	2
MAR-1	4.1829	(1.6468)	53031103	3.0435	(1.1982)	.4819	(.1897)	2.8463	(1.1206)	.5077	(.1999)	MAR-1
2	3.6264	(1.4277)	69032312	3.1126	(1.2254)	.3955	(.1557)	2.9443	(1.1592)	.3643	(.1434)	2
APR-1	4.1046	(1.6160)	65041200	3.3034	(1.3005)	.5179	(.2039)	3.1528	(1.2412)	.4896	(.1927)	APR-1
2	4.5253	(1.7816)	63042900	3.6914	(1.4533)	.3945	(.1553)	3.4664	(1.3647)	.3552	(.1399)	2
MAY-1	5.0427	(1.9853)	54050215	3.9445	(1.5530)	.4478	(.1763)	3.6191	(1.4249)	.5608	(.2208)	MAY-1
2	4.7894	(1.8856)	55052815	3.9380	(1.5504)	.3028	(.1192)	3.9400	(1.5512)	.3027	(.1192)	2
JUN-1	5.2568	(2.0696)	58061512	4.2451	(1.6713)	.4092	(.1611)	4.1288	(1.6255)	.3973	(.1564)	JUN-1
2	5.4839	(2.1590)	70062400	4.5977	(1.8101)	.4411	(.1737)	4.5947	(1.8089)	.3737	(.1471)	2
JUL-1	6.0307	(2.3743)	72070400	4.6807	(1.8428)	.5162	(.2032)	4.6545	(1.8325)	.3788	(.1491)	JUL-1
2	5.6261	(2.2150)	66072112	4.9305	(1.9411)	.3807	(.1499)	4.9292	(1.9406)	.3996	(.1573)	2
AUG-1	5.7394	(2.2596)	55080215	4.8441	(1.9071)	.3850	(.1516)	4.9149	(1.9350)	.3371	(.1327)	AUG-1
2	5.8864	(2.3175)	55083015	4.9799	(1.9606)	.4077	(.1605)	4.9507	(1.9491)	.3446	(.1357)	2
SEP-1	5.3718	(2.1149)	61091300	4.6140	(1.8165)	.4325	(.1703)	4.5858	(1.8054)	.4212	(.1658)	SEP-1
2	5.8577	(2.3062)	55092415	4.5144	(1.7773)	.5918	(.2330)	4.5076	(1.7746)	.5727	(.2255)	2
OCT-1	5.0754	(1.9982)	62100812	3.9894	(1.5706)	.6669	(.2626)	3.8853	(1.5296)	.6388	(.2515)	OCT-1
2	4.9060	(1.9315)	71101900	3.6530	(1.4382)	.7215	(.2841)	3.3577	(1.3219)	.4946	(.1947)	2
NOV-1	4.3599	(1.7165)	64111500	3.3024	(1.3002)	.5479	(.2157)	3.3359	(1.3134)	.6304	(.2482)	NOV-1
2	4.2743	(1.6828)	58111712	3.3498	(1.3188)	.5242	(.2064)	3.2008	(1.2602)	.6425	(.2530)	2
DEC-1	4.3398	(1.7086)	72121000	3.1761	(1.2504)	.4888	(.1924)	3.0749	(1.2106)	.4295	(.1691)	DEC-1
2	4.2829	(1.6862)	71121700	3.1062	(1.2229)	.6007	(.2365)	3.0146	(1.1868)	.4952	(.1950)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.8702	(.7363)	54011515	1.3518	(.5322)	.2699	(.1063)	1.3060	(.5142)	.3070	(.1209)	JAN-1
2	1.8118	(.7133)	57012215	1.4158	(.5574)	.2869	(.1129)	1.4117	(.5558)	.2865	(.1128)	2
FEB-1	1.8077	(.7117)	56021515	1.3862	(.5457)	.2152	(.0847)	1.4013	(.5517)	.2129	(.0838)	FEB-1
2	1.7605	(.6931)	62022312	1.2525	(.4931)	.3154	(.1242)	1.3090	(.5153)	.3064	(.1206)	2
MAR-1	2.0658	(.8133)	53031103	1.5398	(.6062)	.2992	(.1178)	1.4913	(.5871)	.2980	(.1173)	MAR-1
2	2.0871	(.8217)	54032503	1.5595	(.6140)	.2639	(.1039)	1.5661	(.6166)	.1880	(.0740)	2
APR-1	2.0130	(.7925)	63041012	1.7340	(.6827)	.2350	(.0925)	1.7309	(.6814)	.2272	(.0894)	APR-1
2	2.1308	(.8389)	70042212	1.9090	(.7516)	.1332	(.0524)	1.8702	(.7363)	.1434	(.0565)	2
MAY-1	2.3744	(.9348)	67050700	2.0450	(.8051)	.1692	(.0666)	1.9320	(.7606)	.1771	(.0697)	MAY-1
2	2.3477	(.9243)	57052303	2.0447	(.8050)	.1515	(.0597)	2.0007	(.7877)	.1645	(.0648)	2
JUN-1	2.6032	(1.0249)	53061115	2.1773	(.8572)	.1582	(.0623)	2.1580	(.8496)	.1627	(.0640)	JUN-1
2	2.6457	(1.0416)	70062812	2.2431	(.8831)	.1901	(.0748)	2.2425	(.8829)	.1809	(.0712)	2
JUL-1	2.5484	(1.0033)	72070400	2.2747	(.8955)	.1200	(.0473)	2.2464	(.8844)	.1072	(.0422)	JUL-1
2	2.9446	(1.1593)	52071615	2.2977	(.9046)	.1684	(.0663)	2.3507	(.9255)	.2095	(.0825)	2
AUG-1	2.6937	(1.0605)	66080100	2.3210	(.9138)	.1894	(.0746)	2.3001	(.9055)	.1141	(.0449)	AUG-1
2	2.6754	(1.0533)	70081800	2.3365	(.9199)	.1640	(.0646)	2.3387	(.9207)	.1249	(.0492)	2
SEP-1	2.5469	(1.0027)	72091000	2.2054	(.8683)	.1548	(.0609)	2.2293	(.8777)	.1583	(.0623)	SEP-1
2	2.5283	(.9954)	55092215	2.1944	(.8639)	.1937	(.0763)	2.1810	(.8587)	.1958	(.0771)	2
OCT-1	2.4788	(.9759)	62100812	1.9312	(.7603)	.3147	(.1239)	1.9839	(.7811)	.2916	(.1148)	OCT-1
2	2.2464	(.8844)	71101900	1.7656	(.6951)	.2973	(.1170)	1.7470	(.6878)	.2119	(.0834)	2
NOV-1	2.1145	(.8325)	55111515	1.6353	(.6438)	.2970	(.1169)	1.6741	(.6591)	.2651	(.1044)	NOV-1
2	2.2022	(.8670)	58111712	1.6338	(.6432)	.3010	(.1185)	1.6383	(.6450)	.3493	(.1375)	2
DEC-1	2.0505	(.8073)	55120315	1.5168	(.5972)	.2599	(.1023)	1.5557	(.6125)	.2842	(.1119)	DEC-1
2	1.8684	(.7356)	67122012	1.4767	(.5814)	.2712	(.1068)	1.4908	(.5869)	.2908	(.1145)	2

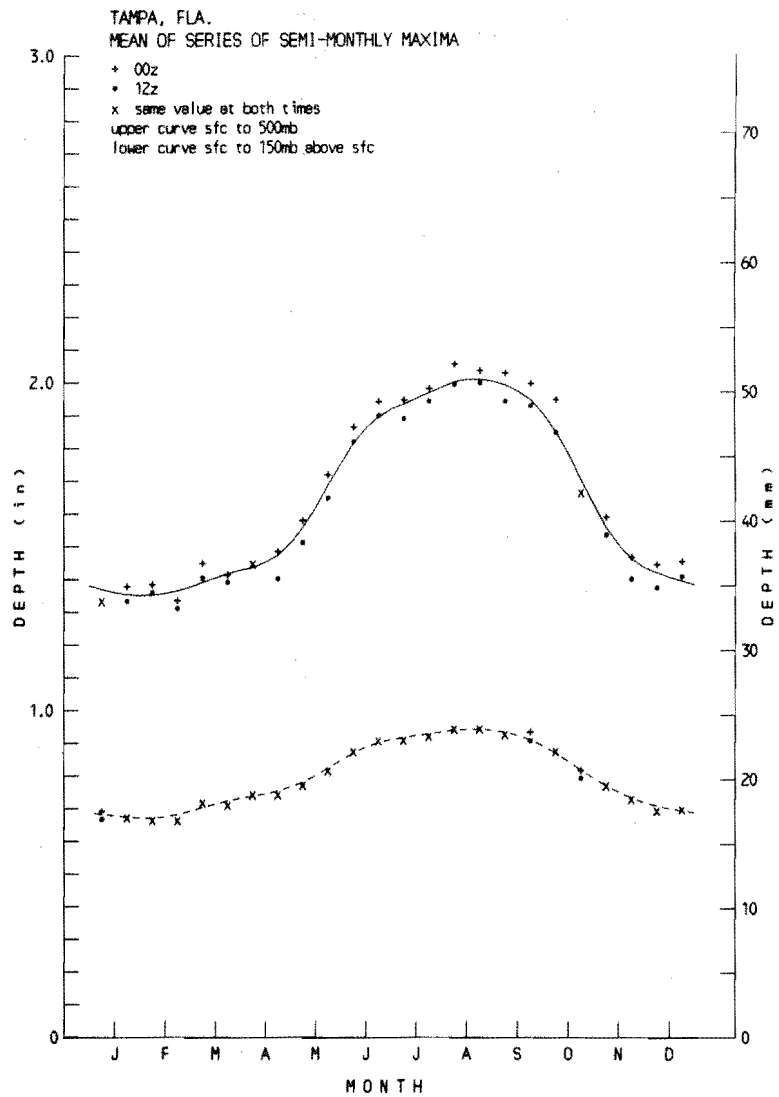

SPOKANE,WASH.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


SPOKANE,WASH.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

SPOKANE,WASH. 27 YEARS OF RECORD

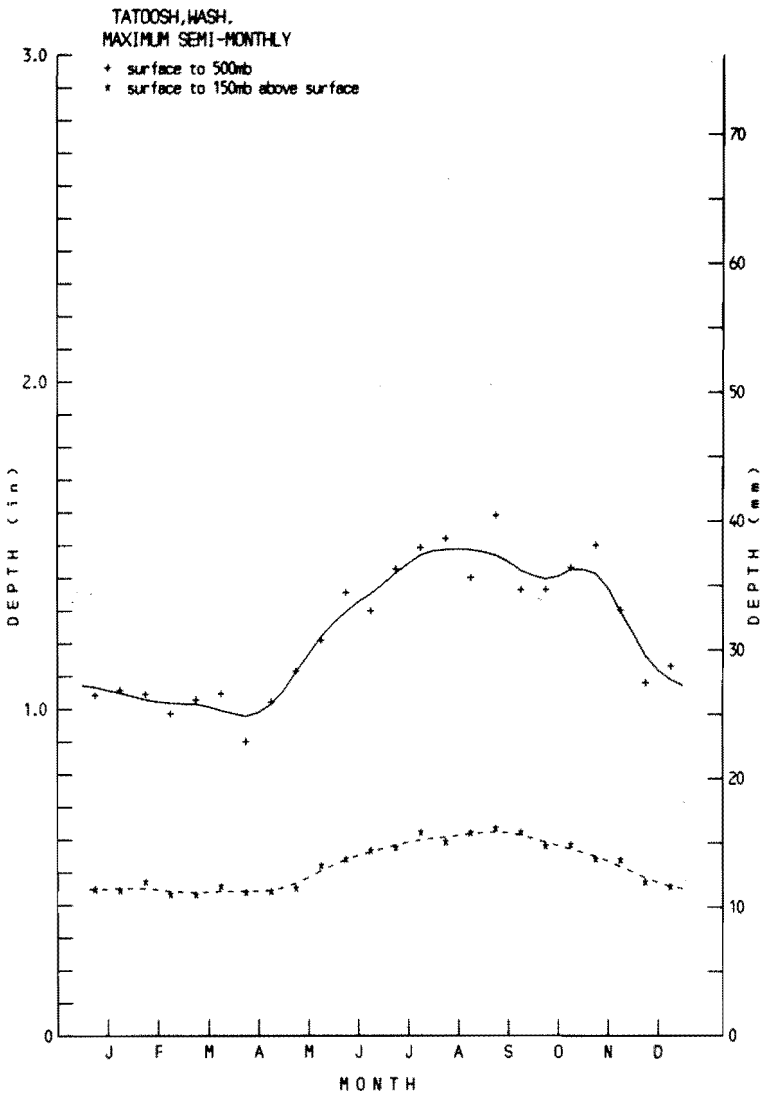
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.9764	(.7781)	69010500	1.3485	(.5309)	.2544	(.1001)	1.3918	(.5479)	.2791	(.1099)	JAN-1
2	2.4023	(.9458)	71013012	1.3653	(.5375)	.3293	(.1297)	1.3692	(.5391)	.3188	(.1255)	2
FEB-1	2.0947	(.8247)	63029912	1.3586	(.5349)	.2471	(.0973)	1.3849	(.5452)	.3119	(.1228)	FEB-1
2	1.8128	(.7137)	68022000	1.2652	(.4981)	.2712	(.1068)	1.2801	(.5040)	.2994	(.1179)	2
MAR-1	1.7750	(.6988)	72031300	1.2821	(.5048)	.3007	(.1184)	1.2439	(.4897)	.2751	(.1083)	MAR-1
2	1.9568	(.7704)	72031600	1.3834	(.5447)	.2299	(.0905)	1.3455	(.5297)	.1880	(.0740)	2
APR-1	1.8151	(.7146)	46049900	1.4359	(.5653)	.2150	(.0846)	1.4060	(.5535)	.1844	(.0726)	APR-1
2	1.9916	(.7841)	53049900	1.4557	(.5731)	.2826	(.1113)	1.4542	(.5725)	.2601	(.1024)	2
MAY-1	2.3114	(.9100)	47059900	1.6579	(.6527)	.2890	(.1138)	1.6769	(.6602)	.2853	(.1123)	MAY-1
2	2.6342	(1.0371)	58059900	1.9355	(.7620)	.3026	(.1191)	1.9236	(.7573)	.3041	(.1197)	2
JUN-1	2.9281	(1.1528)	72060912	2.1907	(.8625)	.2779	(.1094)	2.1634	(.8517)	.3458	(.1362)	JUN-1
2	3.0368	(1.1956)	58069912	2.1649	(.8523)	.2434	(.0958)	2.2945	(.9034)	.3160	(.1244)	2
JUL-1	3.1816	(1.2526)	72071312	2.1722	(.8552)	.3555	(.1400)	2.2970	(.9043)	.3261	(.1284)	JUL-1
2	3.3089	(1.3027)	55079900	2.2032	(.8674)	.4252	(.1674)	2.2151	(.8721)	.3580	(.1409)	2
AUG-1	3.2116	(1.2644)	65081212	2.1365	(.8411)	.5052	(.1989)	2.2746	(.8955)	.3831	(.1508)	AUG-1
2	2.8087	(1.1058)	61089912	2.1480	(.8457)	.3849	(.1515)	2.1733	(.8556)	.3393	(.1336)	2
SEP-1	3.0582	(1.2040)	59099900	2.0437	(.8046)	.3470	(.1366)	2.0556	(.8093)	.2894	(.1139)	SEP-1
2	2.8118	(1.1070)	47099912	1.9499	(.7677)	.2761	(.1087)	2.0544	(.8088)	.2624	(.1033)	2
OCT-1	2.6248	(1.0334)	47109912	1.9224	(.7569)	.2513	(.0989)	1.9190	(.7555)	.2881	(.1134)	OCT-1
2	2.3480	(.9244)	59109912	1.8117	(.7133)	.2783	(.1096)	1.7998	(.7086)	.3062	(.1206)	2
NOV-1	2.4092	(.9485)	55119900	1.6926	(.6664)	.2774	(.1092)	1.5880	(.6252)	.1989	(.0783)	NOV-1
2	2.0919	(.8236)	59119900	1.6186	(.6372)	.2370	(.0933)	1.5643	(.6159)	.2554	(.1005)	2
DEC-1	2.1702	(.8544)	58129900	1.5210	(.5988)	.3053	(.1202)	1.4433	(.5682)	.2657	(.1046)	DEC-1
2	1.9014	(.7486)	69122112	1.4457	(.5692)	.2166	(.0853)	1.3924	(.5482)	.2317	(.0912)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.9228	(.3633)	59019912	.6466	(.2546)	.1067	(.0420)	.6689	(.2633)	.1173	(.0462)	JAN-1
2	1.1364	(.4474)	71013012	.6578	(.2590)	.1690	(.0665)	.6616	(.2605)	.1605	(.0632)	2
FEB-1	1.0185	(.4010)	63029912	.6876	(.2707)	.1176	(.0463)	.6893	(.2714)	.1276	(.0502)	FEB-1
2	.9185	(.3616)	68022000	.6583	(.2592)	.1263	(.0497)	.6471	(.2548)	.1357	(.0534)	2
MAR-1	.9690	(.3815)	54039900	.6669	(.2625)	.1454	(.0572)	.6384	(.2514)	.1331	(.0524)	MAR-1
2	.9660	(.3803)	46039900	.7138	(.2810)	.1118	(.0440)	.6920	(.2724)	.0908	(.0358)	2
APR-1	.9408	(.3704)	54049912	.7452	(.2934)	.1004	(.0395)	.7261	(.2859)	.0923	(.0363)	APR-1
2	1.0231	(.4028)	53049900	.7609	(.2996)	.1360	(.0536)	.7454	(.2935)	.1153	(.0454)	2
MAY-1	1.2095	(.4762)	57059900	.8468	(.3334)	.1328	(.0523)	.8617	(.3392)	.1249	(.0492)	MAY-1
2	1.3884	(.5466)	58059900	1.0116	(.3983)	.1591	(.0626)	.9620	(.3787)	.1333	(.0525)	2
JUN-1	1.5403	(.6064)	48069900	1.1376	(.4479)	.1466	(.0577)	1.1013	(.4336)	.1591	(.0626)	JUN-1
2	1.4623	(.5757)	58069912	1.1200	(.4409)	.1410	(.0555)	1.1551	(.4548)	.1453	(.0572)	2
JUL-1	1.4318	(.5637)	72071312	1.0935	(.4305)	.1615	(.0636)	1.1410	(.4492)	.1447	(.0570)	JUL-1
2	1.4986	(.5900)	55079900	1.0938	(.4306)	.1956	(.0770)	1.1192	(.4406)	.1758	(.0692)	2
AUG-1	1.5601	(.6142)	65081212	1.1188	(.4405)	.1921	(.0756)	1.1386	(.4483)	.1783	(.0702)	AUG-1
2	1.4376	(.5660)	61089900	1.0959	(.4315)	.1881	(.0741)	1.1006	(.4333)	.1443	(.0568)	2
SEP-1	1.4788	(.5822)	59099900	1.0376	(.4085)	.1381	(.0544)	1.0489	(.4129)	.1260	(.0496)	SEP-1
2	1.3490	(.5311)	47099900	.9872	(.3887)	.1372	(.0540)	1.0139	(.3992)	.1233	(.0486)	2
OCT-1	1.3061	(.5142)	47109912	.9603	(.3781)	.1381	(.0544)	.9444	(.3718)	.1380	(.0543)	OCT-1
2	1.2220	(.4811)	59109912	.9075	(.3573)	.1225	(.0482)	.9204	(.3624)	.0923	(.0364)	2
NOV-1	1.1758	(.4629)	55119900	.8402	(.3308)	.1304	(.0514)	.7888	(.3106)	.0997	(.0393)	NOV-1
2	.9657	(.3802)	59119912	.7731	(.3044)	.0990	(.0390)	.7613	(.2997)	.1088	(.0428)	2
DEC-1	.9700	(.3819)	55129900	.7272	(.2863)	.1233	(.0486)	.6991	(.2752)	.0999	(.0393)	DEC-1
2	.9284	(.3655)	64129900	.7123	(.2805)	.1216	(.0479)	.6640	(.2614)	.1112	(.0438)	2

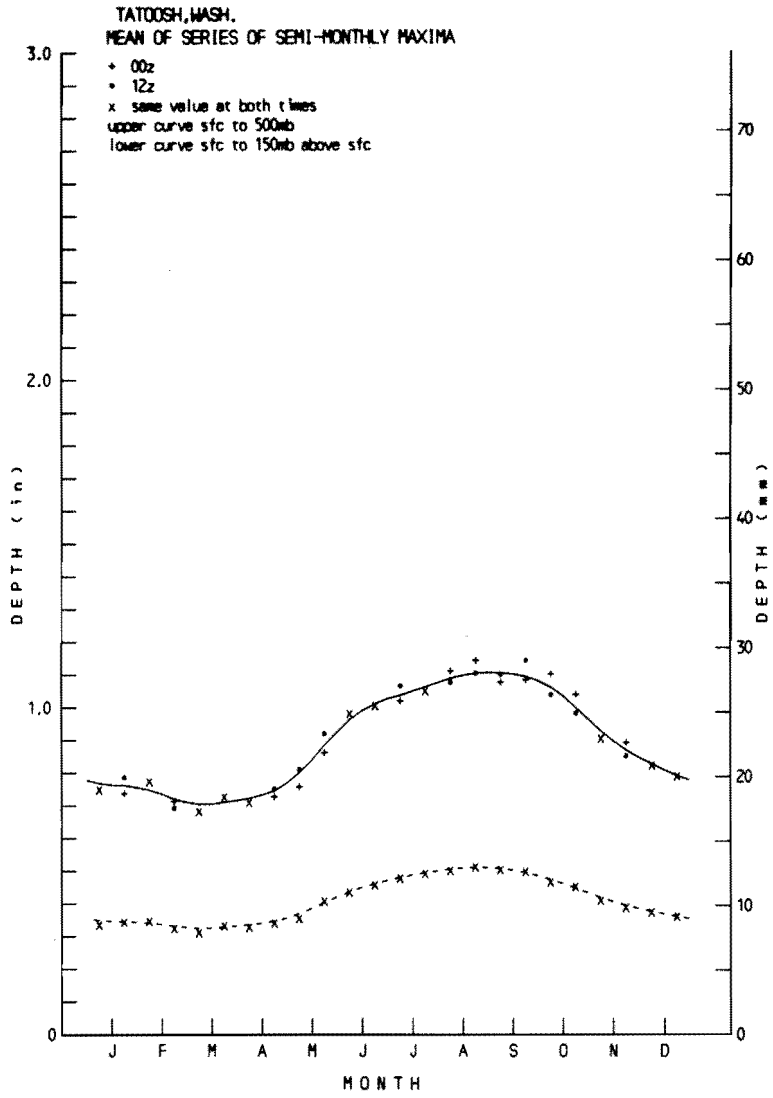

TAMPA, FLA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
• surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


TAMPA, FLA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

TAMPA, FLA. 27 YEARS OF RECORD

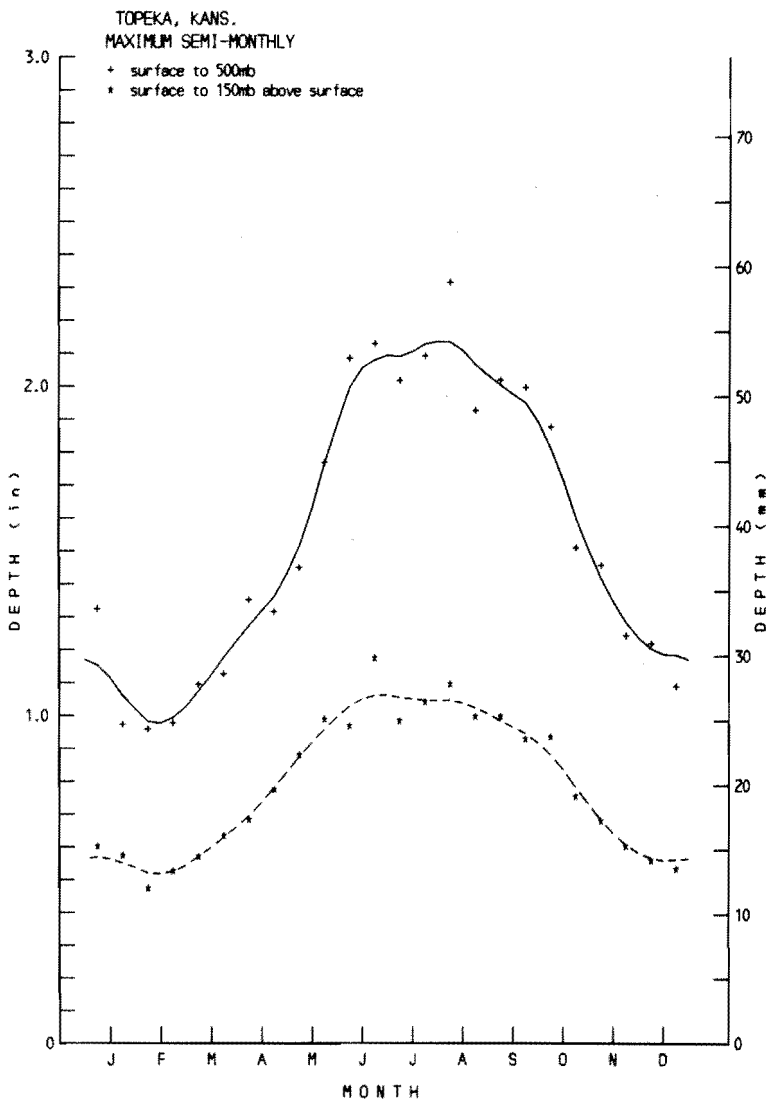
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	4.3823	(1.7253)	47011303	3.4038	(1.3401)	.5814	(.2289)	3.3857	(1.3329)	.4764	(.1875)	JAN-1
2	4.5065	(1.7742)	47012103	3.4985	(1.3774)	.4690	(.1846)	3.3861	(1.3331)	.4788	(.1885)	2
FEB-1	4.3663	(1.7190)	66021312	3.5126	(1.3829)	.4328	(.1704)	3.4518	(1.3590)	.4473	(.1761)	FEB-1
2	4.3797	(1.7243)	66022800	3.3897	(1.3345)	.4658	(.1834)	3.3282	(1.3103)	.4208	(.1657)	2
MAR-1	4.6363	(1.8253)	59031212	3.6792	(1.4485)	.4369	(.1720)	3.5645	(1.4034)	.5060	(.1992)	MAR-1
2	4.5938	(1.8086)	70032800	3.5888	(1.4129)	.5233	(.2060)	3.5328	(1.3909)	.4431	(.1745)	2
APR-1	4.7460	(1.8685)	48040215	3.6682	(1.4442)	.4486	(.1766)	3.7049	(1.4586)	.4746	(.1869)	APR-1
2	4.6650	(1.8366)	59042200	3.7697	(1.4841)	.4337	(.1708)	3.5588	(1.4011)	.3613	(.1423)	2
MAY-1	4.8494	(1.9092)	54051303	4.0102	(1.5788)	.4623	(.1820)	3.8408	(1.5121)	.3331	(.1311)	MAY-1
2	5.3365	(2.1010)	47052503	4.3634	(1.7179)	.4907	(.1932)	4.1843	(1.6474)	.3741	(.1473)	2
JUN-1	5.4447	(2.1436)	53060703	4.7325	(1.8632)	.4125	(.1624)	4.6202	(1.8190)	.4661	(.1835)	JUN-1
2	5.7788	(2.2751)	72061912	4.9287	(1.9404)	.3253	(.1281)	4.8215	(1.8982)	.3985	(.1569)	2
JUL-1	5.3810	(2.1185)	67070200	4.9429	(1.9460)	.2572	(.1013)	4.7979	(1.8889)	.3319	(.1307)	JUL-1
2	5.7396	(2.2597)	53072015	5.0321	(1.9811)	.2622	(.1032)	4.9347	(1.9428)	.3806	(.1499)	2
AUG-1	6.4041	(2.5213)	51081015	5.2201	(2.0551)	.2916	(.1148)	5.0635	(1.9935)	.3993	(.1572)	AUG-1
2	5.8036	(2.2849)	62082200	5.1692	(2.0351)	.2766	(.1089)	5.0746	(1.9979)	.2781	(.1095)	2
SEP-1	6.1686	(2.4286)	62090100	5.1512	(2.0280)	.3364	(.1324)	4.9327	(1.9420)	.4137	(.1629)	SEP-1
2	5.8095	(2.2872)	70092900	5.0688	(1.9956)	.2945	(.1160)	4.8997	(1.9290)	.3451	(.1359)	2
OCT-1	5.7051	(2.2461)	69100200	4.9448	(1.9468)	.4119	(.1622)	4.6913	(1.8470)	.3874	(.1525)	OCT-1
2	5.6827	(2.2373)	68101812	4.2526	(1.6743)	.6675	(.2628)	4.2185	(1.6608)	.7540	(.2968)	2
NOV-1	5.2487	(2.0664)	69110100	4.0333	(1.5879)	.5839	(.2299)	3.8949	(1.5334)	.4524	(.1781)	NOV-1
2	4.5768	(1.8019)	53112315	3.7236	(1.4660)	.5445	(.2144)	3.5535	(1.3990)	.6178	(.2432)	2
DEC-1	4.5977	(1.8101)	72120600	3.6636	(1.4424)	.5565	(.2191)	3.4846	(1.3719)	.6028	(.2373)	DEC-1
2	4.5806	(1.8034)	68122000	3.6861	(1.4512)	.4563	(.1796)	3.5703	(1.4056)	.3668	(.1444)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	2.3104	(.9096)	47011503	1.7545	(.6908)	.2291	(.0902)	1.6932	(.6666)	.1751	(.0689)	JAN-1
2	2.0787	(.8184)	47013115	1.7130	(.6744)	.1312	(.0516)	1.7194	(.6769)	.1548	(.0609)	2
FEB-1	2.0244	(.7970)	67021212	1.7125	(.6742)	.1592	(.0627)	1.6790	(.6610)	.1862	(.0733)	FEB-1
2	2.0345	(.8010)	71022300	1.6751	(.6595)	.2211	(.0871)	1.7112	(.6737)	.1732	(.0682)	2
MAR-1	2.0983	(.8261)	54031403	1.8275	(.7195)	.1350	(.0532)	1.8322	(.7213)	.1551	(.0611)	MAR-1
2	2.2040	(.8677)	69032500	1.8244	(.7182)	.1771	(.0697)	1.8033	(.7100)	.1719	(.0677)	2
APR-1	2.2766	(.8963)	48040203	1.8926	(.7451)	.1966	(.0774)	1.8985	(.7475)	.1914	(.0753)	APR-1
2	2.2957	(.9038)	71042500	1.9066	(.7506)	.1356	(.0534)	1.8852	(.7422)	.1187	(.0467)	2
MAY-1	2.3635	(.9305)	56050803	1.9938	(.7850)	.1823	(.0718)	1.9472	(.7666)	.1151	(.0453)	MAY-1
2	2.3592	(.9288)	53052803	2.0979	(.8259)	.1395	(.0549)	2.0686	(.8144)	.1144	(.0451)	2
JUN-1	2.5583	(1.0072)	52061303	2.2238	(.8755)	.1573	(.0619)	2.2355	(.8801)	.1435	(.0565)	JUN-1
2	2.6459	(1.0417)	52062615	2.3064	(.9080)	.1081	(.0425)	2.3249	(.9153)	.1563	(.0615)	2
JUL-1	2.6794	(1.0549)	69070700	2.3268	(.9161)	.1251	(.0492)	2.3136	(.9109)	.1172	(.0461)	JUL-1
2	2.5944	(1.0214)	55072415	2.3650	(.9311)	.1025	(.0404)	2.3345	(.9191)	.1288	(.0507)	2
AUG-1	2.6673	(1.0501)	51080915	2.4038	(.9464)	.0985	(.0388)	2.4087	(.9483)	.1085	(.0427)	AUG-1
2	2.6612	(1.0477)	51083015	2.4135	(.9502)	.0830	(.0327)	2.4064	(.9474)	.1074	(.0423)	2
SEP-1	2.6243	(1.0332)	60091112	2.3816	(.9376)	.0720	(.0284)	2.3490	(.9248)	.1097	(.0432)	SEP-1
2	2.5042	(.9859)	53092615	2.3717	(.9337)	.0726	(.0286)	2.3050	(.9075)	.1007	(.0396)	2
OCT-1	2.5326	(.9971)	69100400	2.2579	(.8890)	.1213	(.0477)	2.2110	(.8705)	.1326	(.0522)	OCT-1
2	2.5083	(.9875)	72102812	2.0734	(.8163)	.1826	(.0719)	2.0137	(.7928)	.2372	(.0934)	2
NOV-1	2.3178	(.9125)	58110112	1.9871	(.7823)	.1796	(.0707)	1.9423	(.7647)	.1723	(.0678)	NOV-1
2	2.2438	(.8834)	51111603	1.8731	(.7374)	.2359	(.0929)	1.8465	(.7270)	.2094	(.0824)	2
DEC-1	2.2703	(.8938)	72121512	1.7859	(.7031)	.2162	(.0851)	1.7486	(.6884)	.2245	(.0884)	DEC-1
2	2.2733	(.8950)	51122203	1.7655	(.6951)	.2061	(.0811)	1.7886	(.7042)	.1567	(.0617)	2

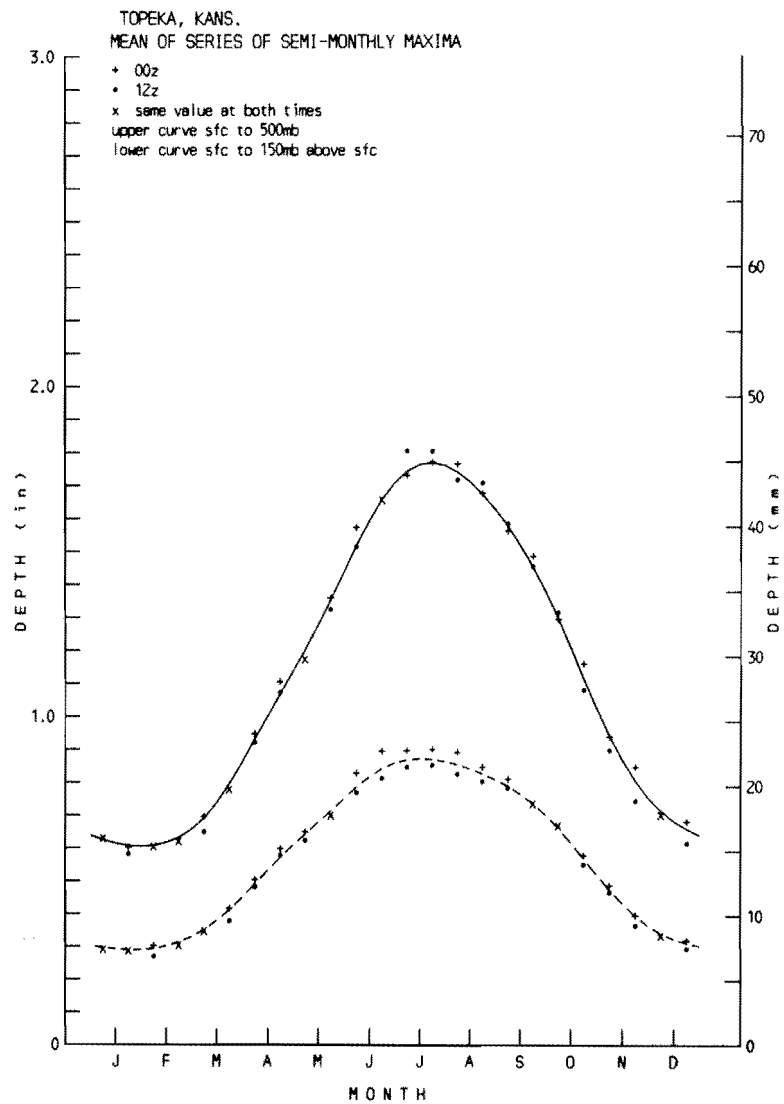

TATOOSH,WASH.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


TATOOSH,WASH.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

TATOOSH,WASH. 27 YEARS OF RECORD

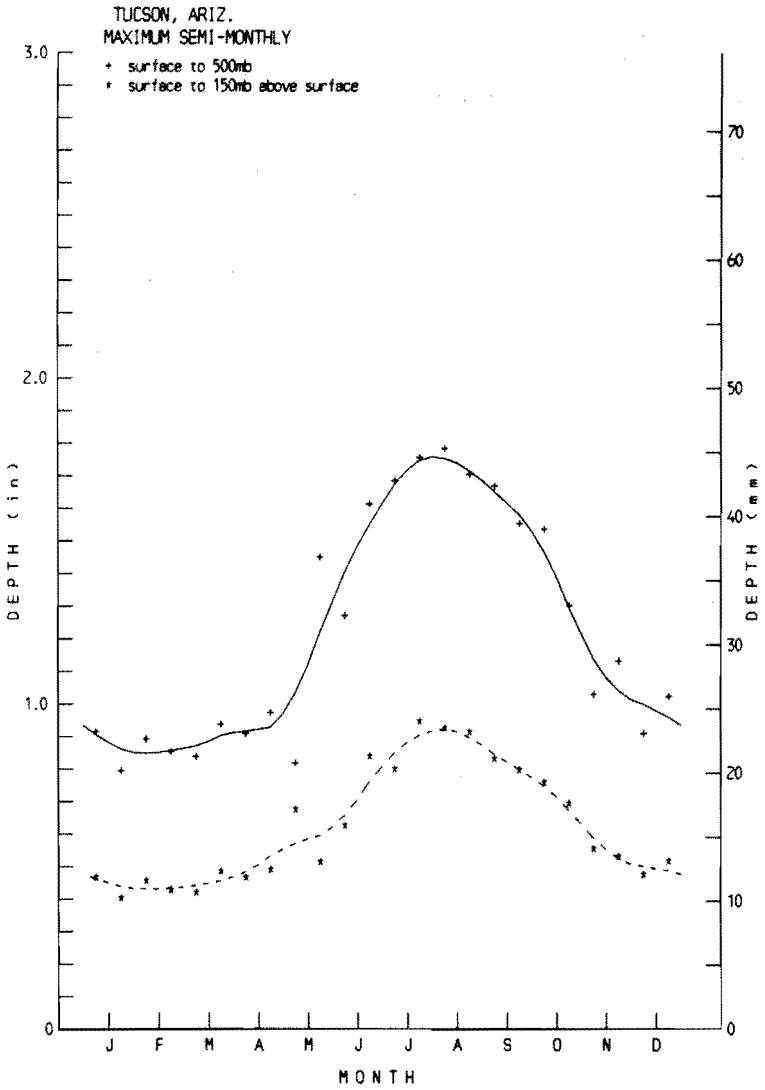
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.6436	(1.0408)	69010412	1.9137	(.7534)	.3830	(.1508)	1.9093	(.7517)	.3824	(.1505)	JAN-1
2	2.6825	(1.0561)	71013012	1.8678	(.7353)	.3406	(.1341)	1.9935	(.7848)	.3390	(.1335)	2
FEB-1	2.6518	(1.0440)	62020212	1.9977	(.7865)	.2989	(.1177)	1.9542	(.7694)	.3444	(.1356)	FEB-1
2	2.4999	(.9842)	63022512	1.8077	(.7117)	.3379	(.1330)	1.7549	(.6909)	.3773	(.1486)	2
MAR-1	2.6071	(1.0264)	72031512	1.7428	(.6862)	.3310	(.1303)	1.7407	(.6853)	.3525	(.1388)	MAR-1
2	2.6548	(1.0452)	66032912	1.8755	(.7384)	.2979	(.1173)	1.8350	(.7224)	.3128	(.1231)	2
APR-1	2.2835	(.8990)	60040300	1.7863	(.7033)	.2752	(.1084)	1.8366	(.7231)	.2268	(.0893)	APR-1
2	2.5918	(1.0204)	57042803	1.8444	(.7262)	.3640	(.1433)	1.9063	(.7505)	.3176	(.1251)	2
MAY-1	2.8306	(1.1144)	66050612	1.9224	(.7569)	.2692	(.1060)	2.0560	(.8095)	.3566	(.1404)	MAY-1
2	3.0706	(1.2089)	68052000	2.1872	(.8611)	.3303	(.1300)	2.3345	(.9191)	.3337	(.1314)	2
JUN-1	3.4412	(1.3548)	51061403	2.5069	(.9870)	.3977	(.1566)	2.4988	(.9838)	.3029	(.1193)	JUN-1
2	3.2997	(1.2991)	68062612	2.5403	(1.0001)	.3265	(.1286)	2.5909	(1.0200)	.3364	(.1324)	2
JUL-1	3.6241	(1.4268)	72071300	2.5891	(1.0193)	.3398	(.1338)	2.7055	(1.0651)	.2954	(.1163)	JUL-1
2	3.7897	(1.4920)	55072903	2.6761	(1.0536)	.3904	(.1537)	2.6828	(1.0562)	.3766	(.1483)	2
AUG-1	3.8608	(1.5200)	58080700	2.8208	(1.1105)	.3490	(.1374)	2.7344	(1.0765)	.3066	(.1207)	AUG-1
2	3.5585	(1.4010)	62082012	2.9033	(1.1430)	.3705	(.1459)	2.8045	(1.1041)	.3845	(.1514)	2
SEP-1	4.0406	(1.5908)	57090600	2.7340	(1.0764)	.4137	(.1629)	2.7953	(1.1005)	.3860	(.1520)	SEP-1
2	3.4630	(1.3634)	54092315	2.7523	(1.0836)	.4353	(.1714)	2.9036	(1.1432)	.4338	(.1708)	2
OCT-1	3.4666	(1.3648)	47100303	2.7978	(1.1015)	.3079	(.1212)	2.6380	(1.0386)	.3262	(.1284)	OCT-1
2	3.6352	(1.4312)	46102403	2.6371	(1.0382)	.3706	(.1459)	2.4942	(.9820)	.4325	(.1703)	2
NOV-1	3.8077	(1.4991)	55110915	2.3250	(.9153)	.3686	(.1451)	2.2942	(.9032)	.3944	(.1553)	NOV-1
2	3.3050	(1.3012)	59112300	2.2637	(.8912)	.4123	(.1623)	2.1609	(.8507)	.3614	(.1423)	2
DEC-1	2.7412	(1.0792)	58120112	2.0950	(.8248)	.3088	(.1216)	2.1036	(.8282)	.2916	(.1148)	DEC-1
2	2.8702	(1.1300)	63122312	2.0136	(.7928)	.3978	(.1566)	2.0171	(.7941)	.3388	(.1334)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.1339	(.4464)	56011515	.8573	(.3375)	.1449	(.0571)	.8665	(.3412)	.1512	(.0595)	JAN-1
2	1.1285	(.4443)	68012012	.8698	(.3425)	.1415	(.0557)	.8911	(.3508)	.1626	(.0640)	2
FEB-1	1.1923	(.4694)	62020212	.8925	(.3514)	.1111	(.0437)	.8835	(.3479)	.1486	(.0585)	FEB-1
2	1.0958	(.4314)	58021812	.8307	(.3271)	.1167	(.0460)	.8370	(.3295)	.1328	(.0523)	2
MAR-1	1.0912	(.4296)	54030903	.8100	(.3189)	.1216	(.0479)	.7918	(.3117)	.1123	(.0442)	MAR-1
2	1.1580	(.4559)	72031612	.8517	(.3353)	.1048	(.0413)	.8563	(.3371)	.1205	(.0474)	2
APR-1	1.1102	(.4371)	72040500	.8345	(.3286)	.1122	(.0442)	.8534	(.3360)	.0834	(.0328)	APR-1
2	1.1194	(.4407)	53042715	.8824	(.3474)	.1248	(.0491)	.8726	(.3436)	.1167	(.0459)	2
MAY-1	1.1435	(.4502)	72051212	.8886	(.3498)	.0892	(.0351)	.9324	(.3671)	.0990	(.0390)	MAY-1
2	1.3190	(.5193)	68052000	1.0298	(.4054)	.1218	(.0480)	1.0594	(.4171)	.1054	(.0415)	2
JUN-1	1.3703	(.5395)	51061415	1.1052	(.4351)	.0977	(.0385)	1.1240	(.4425)	.1055	(.0416)	JUN-1
2	1.4346	(.5648)	50061703	1.1662	(.4591)	.1045	(.0412)	1.1756	(.4628)	.1156	(.0455)	2
JUL-1	1.4582	(.5741)	61071300	1.2196	(.4802)	.1295	(.0510)	1.2289	(.4838)	.1115	(.0439)	JUL-1
2	1.5778	(.6212)	58072700	1.2549	(.4941)	.1260	(.0496)	1.2639	(.4976)	.0954	(.0376)	2
AUG-1	1.5039	(.5921)	58080700	1.2981	(.5111)	.0879	(.0346)	1.2687	(.4995)	.0864	(.0340)	AUG-1
2	1.5743	(.6198)	62082012	1.3123	(.5166)	.1192	(.0469)	1.3155	(.5179)	.1066	(.0420)	2
SEP-1	1.6114	(.6344)	55090215	1.2843	(.5056)	.1266	(.0498)	1.2980	(.5110)	.1242	(.0489)	SEP-1
2	1.5794	(.6218)	67092200	1.2587	(.4955)	.1322	(.0520)	1.2919	(.5086)	.1576	(.0620)	2
OCT-1	1.4740	(.5803)	50100715	1.2066	(.4750)	.1271	(.0501)	1.1823	(.4655)	.1274	(.0501)	OCT-1
2	1.4823	(.5836)	55102503	1.1712	(.4611)	.1210	(.0476)	1.1442	(.4505)	.1429	(.0563)	2
NOV-1	1.3698	(.5393)	55110915	1.0435	(.4108)	.1306	(.0514)	1.0570	(.4161)	.1448	(.0570)	NOV-1
2	1.3632	(.5367)	59112300	1.0137	(.3991)	.1628	(.0641)	.9785	(.3852)	.1385	(.0545)	2
DEC-1	1.1892	(.4682)	58120112	.9613	(.3785)	.1056	(.0416)	.9556	(.3762)	.1043	(.0411)	DEC-1
2	1.1560	(.4551)	63122312	.9165	(.3608)	.1335	(.0526)	.9345	(.3679)	.1139	(.0448)	2

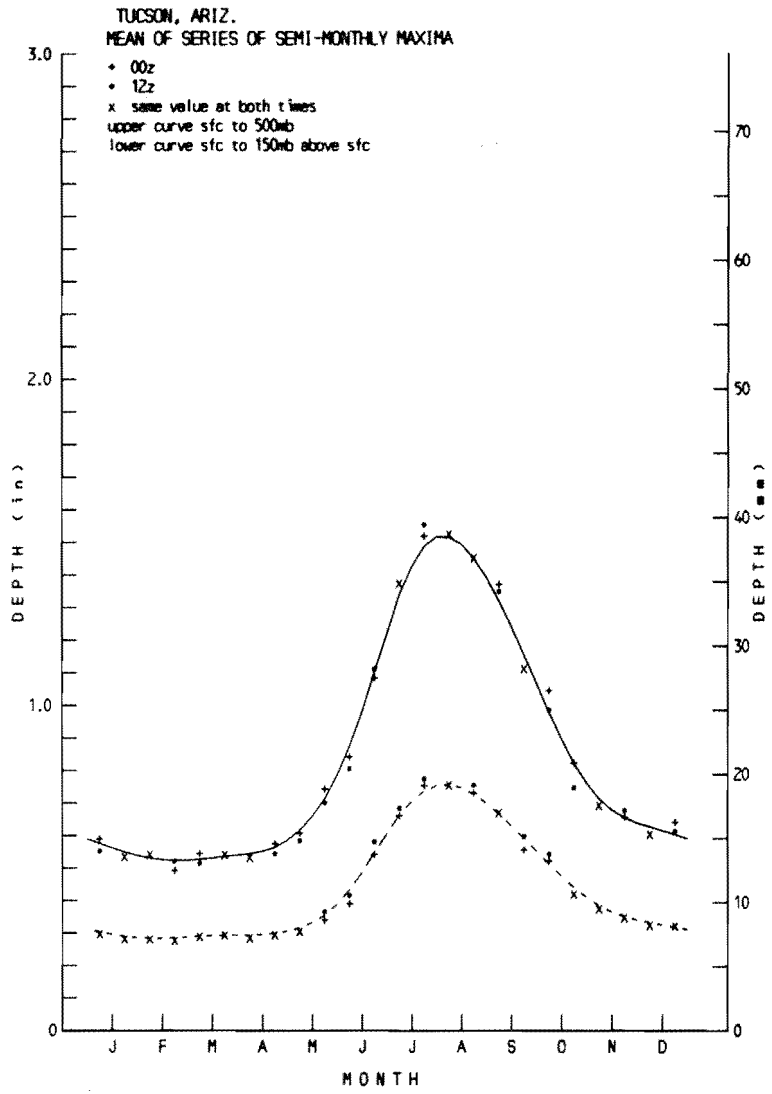

TOPEKA, KANS.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


TOPEKA, KANS.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

TOPEKA, KANS. 19 YEARS OF RECORD

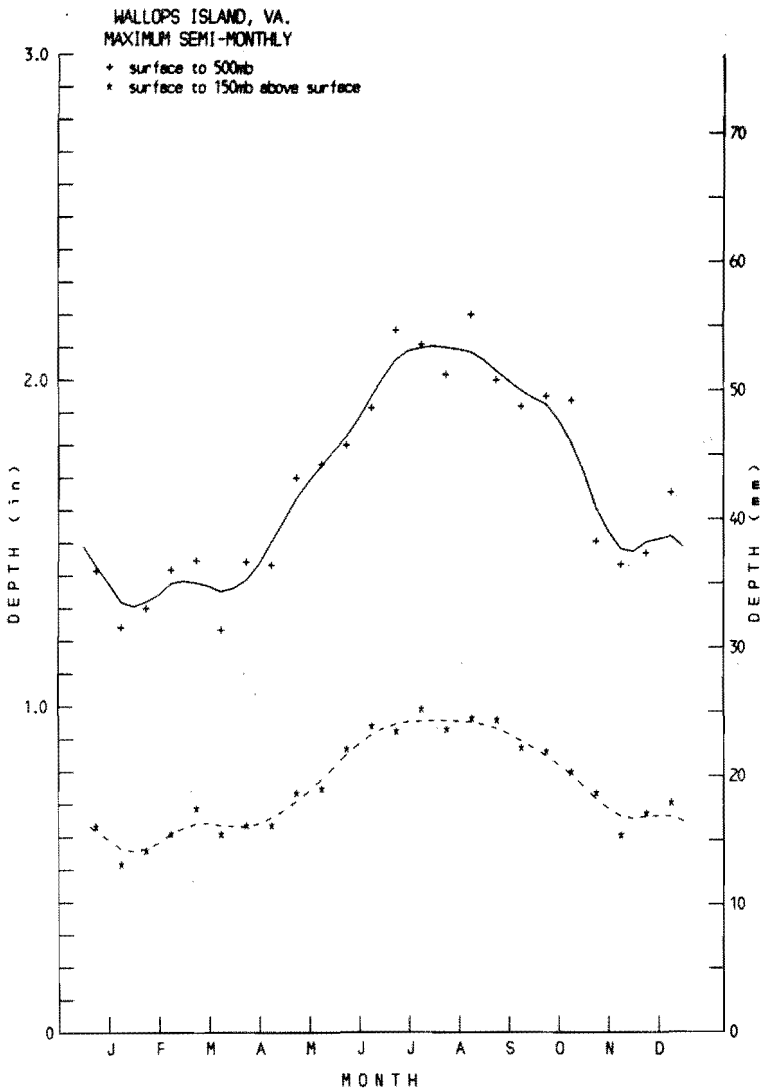
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.3609	(1.3232)	55010315	1.6061	(.6323)	.7026	(.2766)	1.6155	(.6360)	.6865	(.2703)	JAN-1
2	2.4714	(.9730)	69011600	1.5271	(.6012)	.4453	(.1753)	1.4758	(.5810)	.4487	(.1766)	2
FEB-1	2.4348	(.9586)	66020900	1.5684	(.6175)	.2966	(.1168)	1.5223	(.5993)	.3020	(.1189)	FEB-1
2	2.4826	(.9774)	71021900	1.6063	(.6324)	.5077	(.1999)	1.5650	(.6161)	.4076	(.1605)	2
MAR-1	2.7803	(1.0946)	72031300	1.7652	(.6950)	.4843	(.1907)	1.6458	(.6479)	.4312	(.1698)	MAR-1
2	2.8603	(1.1261)	59032600	2.0095	(.7911)	.4565	(.1797)	1.9665	(.7742)	.4252	(.1674)	2
APR-1	3.4328	(1.3515)	54041503	2.4045	(.9466)	.4890	(.1925)	2.3379	(.9205)	.4781	(.1882)	APR-1
2	3.3421	(1.3158)	57043003	2.8050	(1.1043)	.2726	(.1073)	2.7217	(1.0715)	.2531	(.0996)	2
MAY-1	3.6807	(1.4491)	70051300	3.0154	(1.1871)	.4288	(.1688)	2.9655	(1.1675)	.3856	(.1518)	MAY-1
2	4.4900	(1.7677)	62052900	3.4526	(1.3593)	.4451	(.1752)	3.3632	(1.3241)	.2740	(.1079)	2
JUN-1	5.2951	(2.0847)	66061300	3.9939	(1.5724)	.6260	(.2465)	3.8452	(1.5139)	.4009	(.1578)	JUN-1
2	5.4069	(2.1287)	69063012	4.2410	(1.6697)	.5325	(.2097)	4.1964	(1.6521)	.5646	(.2223)	2
JUL-1	5.1234	(2.0171)	67070912	4.3937	(1.7298)	.3385	(.1333)	4.5829	(1.8043)	.3316	(.1306)	JUL-1
2	5.3147	(2.0924)	57072700	4.4963	(1.7702)	.4821	(.1898)	4.5790	(1.8028)	.2768	(.1090)	2
AUG-1	5.8819	(2.3157)	66080200	4.4811	(1.7642)	.6213	(.2446)	4.3594	(1.7163)	.5043	(.1986)	AUG-1
2	4.8931	(1.9264)	58082100	4.2561	(1.6756)	.3754	(.1478)	4.3364	(1.7072)	.3070	(.1208)	2
SEP-1	5.1283	(2.0190)	70091500	3.9661	(1.5615)	.5650	(.2225)	4.0212	(1.5832)	.4846	(.1908)	SEP-1
2	5.0709	(1.9964)	58092400	3.7714	(1.4848)	.6358	(.2503)	3.6928	(1.4539)	.4641	(.1827)	2
OCT-1	4.7666	(1.8766)	54100403	3.2876	(1.2943)	.6331	(.2493)	3.3403	(1.3151)	.6225	(.2451)	OCT-1
2	3.8362	(1.5103)	68101612	2.9445	(1.1592)	.5285	(.2081)	2.7418	(1.0795)	.5716	(.2250)	2
NOV-1	3.7010	(1.4571)	61110200	2.3826	(.9380)	.6071	(.2390)	2.2765	(.8963)	.5725	(.2254)	NOV-1
2	3.1560	(1.2425)	71111800	2.1476	(.8455)	.5966	(.2349)	1.8867	(.7428)	.4847	(.1908)	2
DEC-1	3.0958	(1.2188)	65121100	1.8014	(.7092)	.4753	(.1871)	1.7784	(.7001)	.3975	(.1565)	DEC-1
2	2.7643	(1.0883)	65122400	1.7259	(.6795)	.5123	(.2017)	1.5580	(.6134)	.3417	(.1345)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.5278	(.6015)	55010315	.7595	(.2990)	.3345	(.1317)	.7420	(.2921)	.3148	(.1239)	JAN-1
2	1.4580	(.5740)	67012412	.7399	(.2913)	.2277	(.0896)	.7357	(.2896)	.2905	(.1144)	2
FEB-1	1.2032	(.4737)	57020903	.7650	(.3012)	.1801	(.0709)	.6807	(.2680)	.1779	(.0700)	FEB-1
2	1.3368	(.5263)	56022403	.7907	(.3113)	.2594	(.1021)	.7718	(.3039)	.2564	(.1009)	2
MAR-1	1.4488	(.5704)	72031212	.9098	(.3582)	.2856	(.1124)	.8773	(.3454)	.2982	(.1174)	MAR-1
2	1.6091	(.6335)	54032503	1.0554	(.4155)	.2649	(.1043)	.9571	(.3768)	.2474	(.0974)	2
APR-1	1.7348	(.6830)	54040603	1.2780	(.5032)	.3032	(.1194)	1.2213	(.4808)	.2995	(.1179)	APR-1
2	1.9688	(.7751)	54043003	1.5175	(.5974)	.2046	(.0806)	1.4636	(.5762)	.1412	(.0556)	2
MAY-1	2.2355	(.8801)	70051300	1.6466	(.6483)	.2896	(.1140)	1.5808	(.6224)	.2359	(.0929)	MAY-1
2	2.5121	(.9890)	59053000	1.8067	(.7113)	.2088	(.0822)	1.7676	(.6959)	.1827	(.0719)	2
JUN-1	2.4623	(.9694)	58061300	2.1025	(.8278)	.1951	(.0768)	1.9494	(.7675)	.1781	(.0701)	JUN-1
2	2.9865	(1.1758)	57063000	2.2717	(.8944)	.2879	(.1133)	2.0610	(.8114)	.1946	(.0766)	2
JUL-1	2.5019	(.9850)	57071200	2.2763	(.8962)	.1472	(.0579)	2.1481	(.8457)	.1580	(.0622)	JUL-1
2	2.6482	(1.0426)	58072000	2.2848	(.8995)	.1770	(.0697)	2.1642	(.8521)	.1405	(.0553)	2
AUG-1	2.7854	(1.0966)	62080700	2.2622	(.8906)	.2500	(.0984)	2.0944	(.8246)	.1991	(.0784)	AUG-1
2	2.5354	(.9982)	68081600	2.1487	(.8459)	.1787	(.0704)	2.0368	(.8019)	.1931	(.0760)	2
SEP-1	2.5342	(.9977)	70090600	2.0562	(.8095)	.2992	(.1178)	1.9871	(.7823)	.2156	(.0849)	SEP-1
2	2.3607	(.9294)	58092400	1.9016	(.7487)	.2891	(.1138)	1.8543	(.7300)	.2015	(.0793)	2
OCT-1	2.3757	(.9353)	54100215	1.7220	(.6780)	.2675	(.1053)	1.6962	(.6678)	.2930	(.1153)	OCT-1
2	1.9169	(.7547)	62101600	1.4658	(.5771)	.2836	(.1117)	1.3954	(.5494)	.2766	(.1089)	2
NOV-1	1.7244	(.6789)	61110200	1.2334	(.4856)	.3005	(.1183)	1.1780	(.4638)	.2852	(.1123)	NOV-1
2	1.5298	(.6023)	71111800	1.0016	(.3943)	.3265	(.1285)	.9228	(.3633)	.2639	(.1039)	2
DEC-1	1.4178	(.5582)	65121100	.8455	(.3329)	.2927	(.1153)	.8703	(.3426)	.2535	(.0998)	DEC-1
2	1.3520	(.5323)	72123000	.8076	(.3179)	.2584	(.1017)	.7434	(.2927)	.2239	(.0881)	2

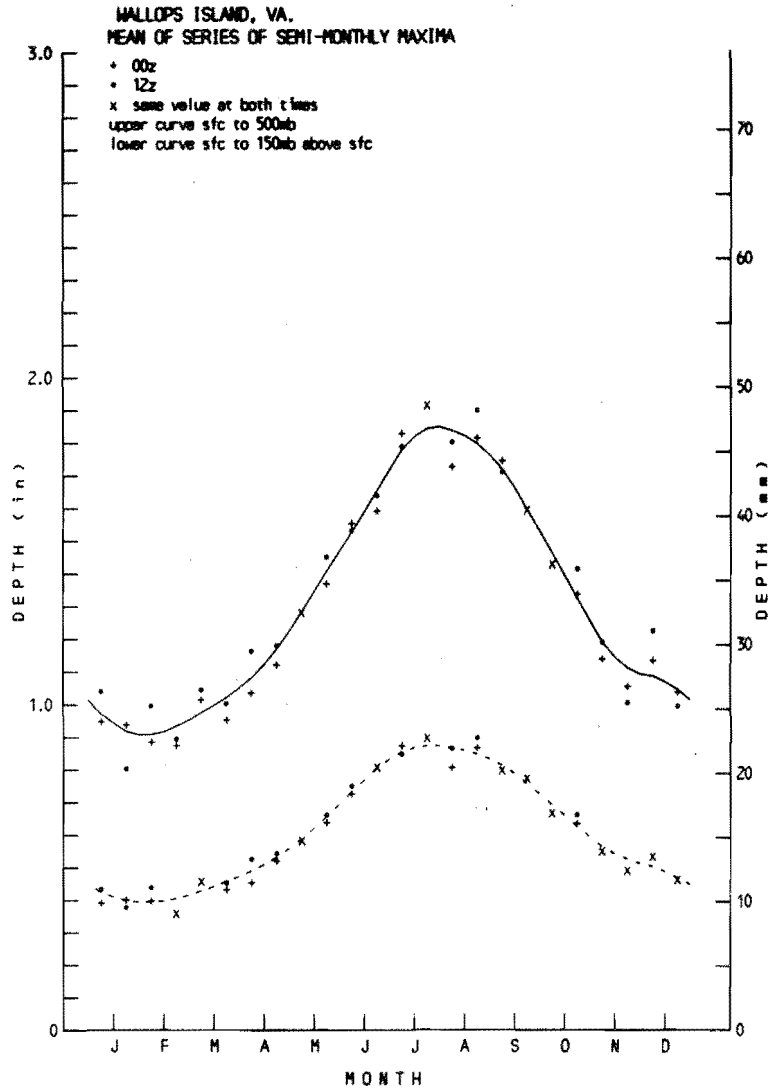

TUCSON, ARIZ.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


TUCSON, ARIZ.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

TUCSON, ARIZ. 21 YEARS OF RECORD

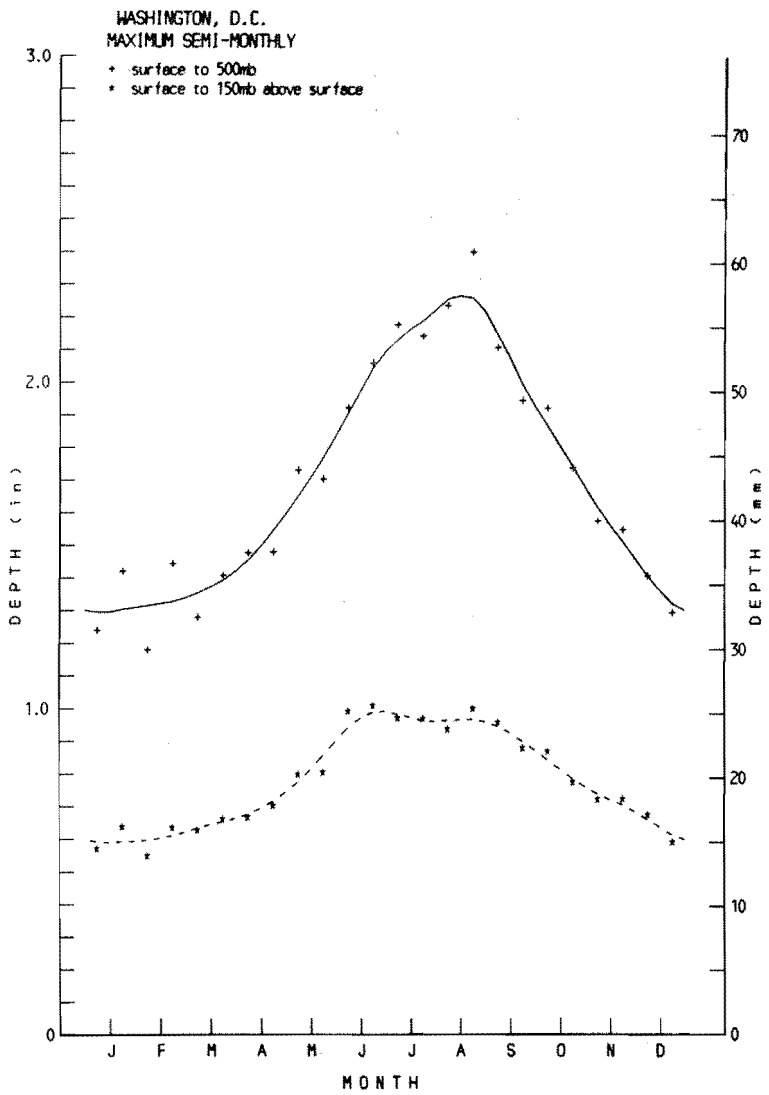
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.3216	(.9140)	57019912	1.4933	(.5879)	.4676	(.1841)	1.3981	(.5505)	.4456	(.1754)	JAN-1
2	2.0140	(.7929)	69012200	1.3733	(.5407)	.3387	(.1333)	1.3590	(.5351)	.3083	(.1214)	2
FEB-1	2.2621	(.8906)	68021000	1.4081	(.5544)	.3968	(.1562)	1.3600	(.5354)	.4630	(.1823)	FEB-1
2	2.1623	(.8513)	67022612	1.2449	(.4901)	.3330	(.1311)	1.3191	(.5193)	.4554	(.1793)	2
MAR-1	2.1252	(.8367)	54039900	1.3798	(.5432)	.3909	(.1539)	1.3028	(.5129)	.3509	(.1381)	MAR-1
2	2.3754	(.9352)	63039900	1.4000	(.5512)	.4420	(.1740)	1.3661	(.5378)	.3086	(.1215)	2
APR-1	2.3048	(.9074)	68041212	1.3504	(.5316)	.2723	(.1072)	1.3727	(.5405)	.3680	(.1449)	APR-1
2	2.4686	(.9719)	63049900	1.4561	(.5733)	.3968	(.1562)	1.3784	(.5427)	.3200	(.1260)	2
MAY-1	2.0759	(.8173)	55059900	1.5381	(.6055)	.3124	(.1230)	1.4789	(.5823)	.3337	(.1314)	MAY-1
2	2.8207	(1.1105)	72053000	1.7842	(.7024)	.4401	(.1733)	1.7762	(.6993)	.4556	(.1794)	2
JUN-1	3.2253	(1.2698)	53069912	2.1350	(.8405)	.5119	(.2015)	2.0437	(.8046)	.4783	(.1883)	JUN-1
2	4.0932	(1.6115)	58069912	2.7511	(1.0831)	.6493	(.2556)	2.8200	(1.1102)	.6606	(.2601)	2
JUL-1	4.2761	(1.6835)	53079900	3.4761	(1.3685)	.4199	(.1653)	3.5205	(1.3860)	.3112	(.1225)	JUL-1
2	4.4554	(1.7541)	66072712	3.8545	(1.5175)	.2856	(.1125)	3.9430	(1.5523)	.2464	(.0970)	2
AUG-1	4.5242	(1.7812)	54089912	3.8608	(1.5200)	.4193	(.1651)	3.9067	(1.5381)	.3169	(.1248)	AUG-1
2	4.3236	(1.7022)	55089900	3.6784	(1.4482)	.4507	(.1775)	3.7213	(1.4651)	.3669	(.1444)	2
SEP-1	4.2332	(1.6666)	61099900	3.4800	(1.3701)	.5485	(.2159)	3.4229	(1.3476)	.4855	(.1912)	SEP-1
2	3.9403	(1.5513)	61099900	2.8359	(1.1165)	.7376	(.2904)	2.8321	(1.1150)	.5940	(.2339)	2
OCT-1	3.8966	(1.5341)	72100500	2.6520	(1.0441)	.6621	(.2607)	2.5002	(.9843)	.5596	(.2203)	OCT-1
2	3.3012	(1.2997)	58109900	2.0860	(.8213)	.6665	(.2624)	1.8937	(.7456)	.4868	(.1916)	2
NOV-1	2.6106	(1.0278)	62119900	1.7917	(.7054)	.4597	(.1810)	1.7448	(.6869)	.3667	(.1444)	NOV-1
2	2.8689	(1.1295)	65112500	1.6609	(.6539)	.3833	(.1509)	1.7150	(.6752)	.3427	(.1349)	2
DEC-1	2.3050	(.9075)	65120900	1.5641	(.6158)	.3713	(.1462)	1.5191	(.5981)	.3742	(.1473)	DEC-1
2	2.5928	(1.0208)	59129900	1.6231	(.6390)	.5278	(.2078)	1.5507	(.6105)	.3816	(.1502)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.1849	(.4665)	57019900	.7727	(.3042)	.2161	(.0851)	.7537	(.2967)	.2144	(.0844)	JAN-1
2	1.0229	(.4027)	69012612	.7156	(.2817)	.1586	(.0624)	.7315	(.2880)	.1514	(.0596)	2
FEB-1	1.1580	(.4559)	68021000	.7097	(.2794)	.2090	(.0823)	.7343	(.2891)	.2307	(.0908)	FEB-1
2	1.0861	(.4276)	59029912	.6965	(.2742)	.1774	(.0699)	.7255	(.2856)	.2150	(.0846)	2
MAR-1	1.0650	(.4193)	54039900	.7478	(.2944)	.1899	(.0748)	.7365	(.2900)	.1709	(.0673)	MAR-1
2	1.2283	(.4836)	63039900	.7297	(.2873)	.2278	(.0897)	.7775	(.3061)	.1853	(.0730)	2
APR-1	1.1814	(.4651)	68041212	.7103	(.2796)	.1419	(.0558)	.7523	(.2962)	.1924	(.0757)	APR-1
2	1.2441	(.4898)	63049900	.7425	(.2923)	.2028	(.0798)	.7717	(.3038)	.2000	(.0787)	2
MAY-1	1.0163	(.4001)	57059900	.7254	(.2856)	.1538	(.0606)	.7937	(.3125)	.1543	(.0608)	MAY-1
2	1.3056	(.5140)	58059912	.8586	(.3380)	.2020	(.0795)	.9242	(.3639)	.2179	(.0858)	2
JUN-1	1.5885	(.6254)	53069912	.9872	(.3886)	.1990	(.0784)	1.0536	(.4148)	.2288	(.0901)	JUN-1
2	2.1290	(.8382)	54069900	1.3730	(.5405)	.3671	(.1445)	1.4721	(.5795)	.3049	(.1201)	2
JUL-1	2.0290	(.7988)	54079900	1.6745	(.6592)	.2343	(.0922)	1.7325	(.6821)	.1525	(.0601)	JUL-1
2	2.4018	(.9456)	53079912	1.9093	(.7517)	.1666	(.0656)	1.9629	(.7728)	.1671	(.0658)	2
AUG-1	2.3465	(.9238)	54089912	1.9032	(.7493)	.2287	(.0900)	1.9519	(.7685)	.1751	(.0689)	AUG-1
2	2.3195	(.9132)	71081800	1.8516	(.7290)	.2767	(.1089)	1.9129	(.7531)	.2024	(.0797)	2
SEP-1	2.1100	(.8307)	61099900	1.6927	(.6664)	.3004	(.1183)	1.7290	(.6807)	.2457	(.0967)	SEP-1
2	2.0226	(.7963)	54099912	1.4094	(.5549)	.3366	(.1325)	1.5115	(.5951)	.2950	(.1161)	2
OCT-1	1.9268	(.7586)	72100500	1.3223	(.5206)	.2997	(.1180)	1.3753	(.5414)	.2222	(.0875)	OCT-1
2	1.7602	(.6930)	58109900	1.0841	(.4268)	.3485	(.1372)	1.0665	(.4199)	.2558	(.1007)	2
NOV-1	1.4082	(.5544)	69111100	.9570	(.3768)	.2415	(.0951)	.9640	(.3795)	.2059	(.0811)	NOV-1
2	1.3452	(.5296)	65112300	.8849	(.3484)	.1925	(.0758)	.8978	(.3535)	.1784	(.0702)	2
DEC-1	1.2050	(.4744)	59129912	.8372	(.3296)	.1673	(.0658)	.8245	(.3246)	.1863	(.0733)	DEC-1
2	1.3104	(.5159)	59129900	.8344	(.3285)	.2438	(.0960)	.8162	(.3213)	.2028	(.0799)	2

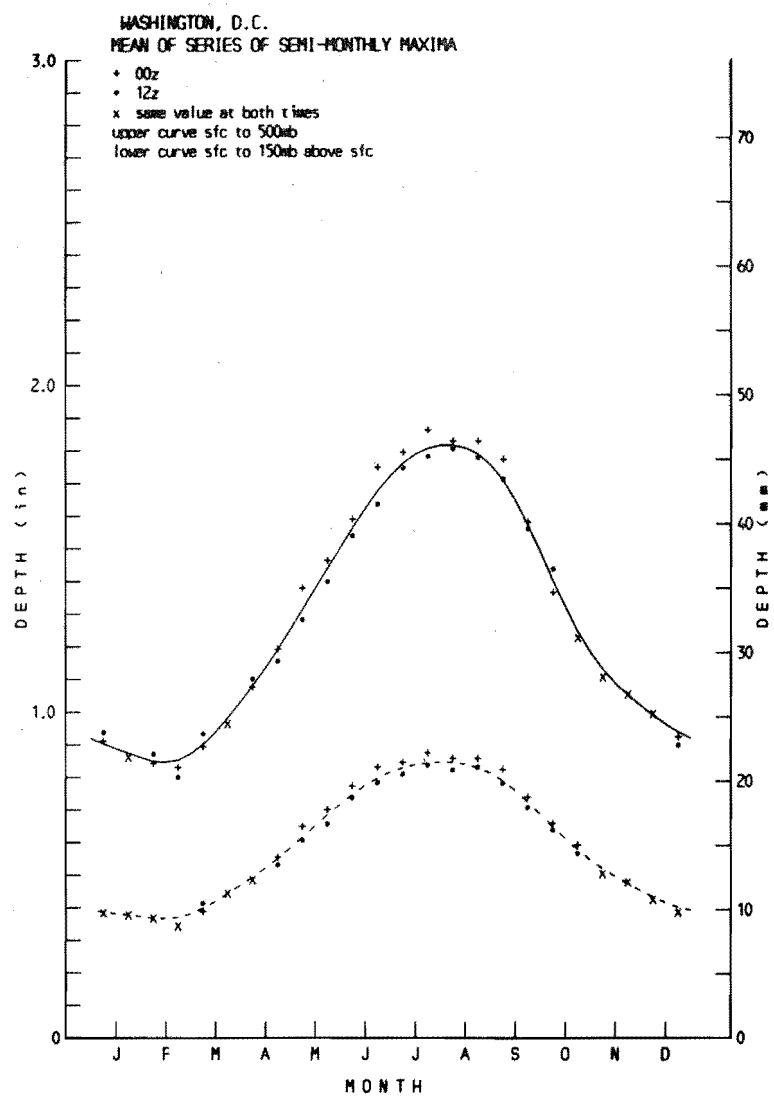

WALLOPS ISLAND, VA.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


WALLOPS ISLAND, VA.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

WALLOPS ISLAND, VA. 9 YEARS OF RECORD

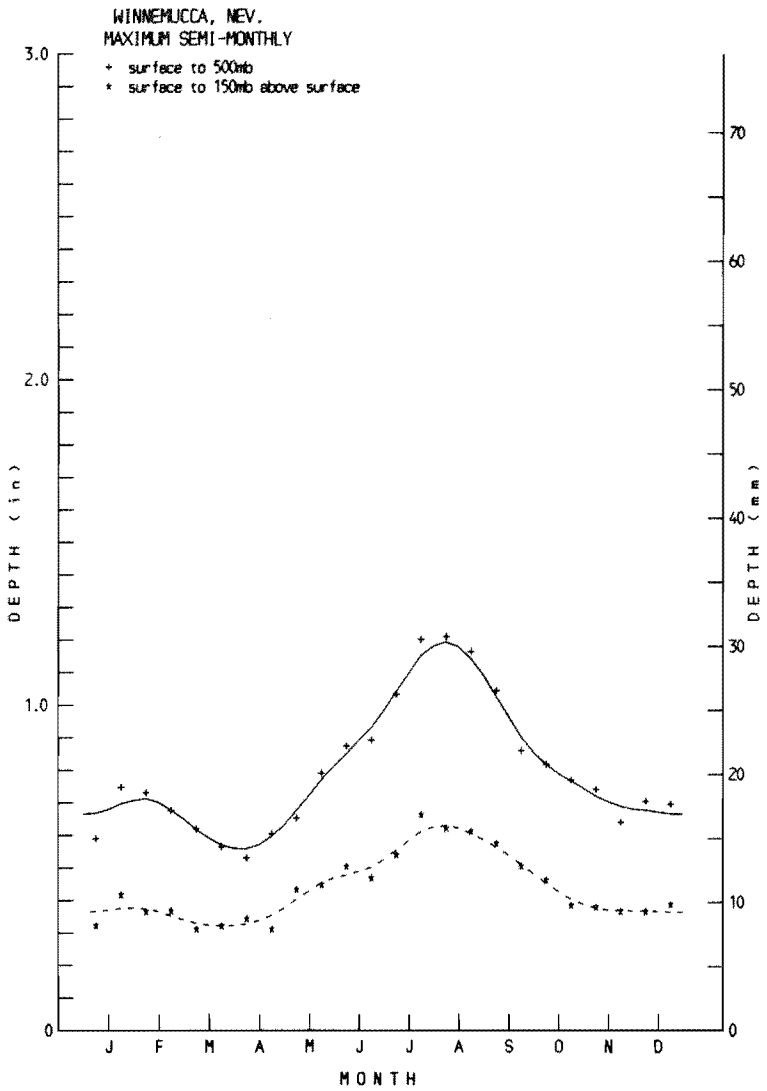
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.5890	(1.4130)	71010512	2.4026	(.9459)	.9072	(.3572)	2.6369	(1.0382)	.8436	(.3321)	JAN-1
2	3.1524	(1.2411)	70013000	2.3767	(.9357)	.4339	(.1708)	2.0337	(.8007)	.5399	(.2125)	2
FEB-1	3.3005	(1.2994)	72020400	2.2416	(.8825)	.8568	(.3373)	2.5238	(.9936)	.4021	(.1583)	FEB-1
2	3.5989	(1.4169)	65022512	2.2133	(.8714)	.6366	(.2506)	2.2669	(.8925)	.7241	(.2851)	2
MAR-1	3.6700	(1.4449)	67030712	2.5719	(1.0126)	.8186	(.3223)	2.6496	(1.0432)	.6023	(.2371)	MAR-1
2	3.1333	(1.2336)	71031600	2.4138	(.9503)	.7169	(.2822)	2.5415	(1.0006)	.2916	(.1148)	2
APR-1	3.6609	(1.4413)	69040600	2.6242	(1.0331)	.7651	(.3012)	2.9483	(1.1607)	.4408	(.1736)	APR-1
2	3.6355	(1.4313)	66042300	2.8412	(1.1186)	.9184	(.3616)	2.9925	(1.1781)	.4153	(.1635)	2
MAY-1	4.3132	(1.6981)	67051500	3.2864	(1.2938)	.7893	(.3108)	3.2403	(1.2757)	.2489	(.0980)	MAY-1
2	4.4186	(1.7396)	71051612	3.4733	(1.3674)	.4829	(.1901)	3.6833	(1.4501)	.5567	(.2192)	2
JUN-1	4.5667	(1.7979)	69061500	3.9420	(1.5520)	.5468	(.2153)	3.8860	(1.5299)	.3585	(.1411)	JUN-1
2	4.8555	(1.9116)	72062200	4.0388	(1.5901)	.8517	(.3353)	4.1586	(1.6372)	.2496	(.0983)	2
JUL-1	5.4600	(2.1496)	72070400	4.6409	(1.8271)	.5334	(.2100)	4.5398	(1.7873)	.3119	(.1228)	JUL-1
2	5.3505	(2.1065)	70073112	4.8594	(1.9131)	.3618	(.1424)	4.8864	(1.9238)	.3728	(.1468)	2
AUG-1	5.1156	(2.0140)	69080500	4.3802	(1.7245)	.9890	(.3894)	4.5716	(1.7998)	.3479	(.1370)	AUG-1
2	5.5827	(2.1979)	66082400	4.6044	(1.8127)	.9652	(.3800)	4.8205	(1.8978)	.2482	(.0977)	2
SEP-1	5.0729	(1.9972)	71091200	4.4276	(1.7432)	.4330	(.1705)	4.3423	(1.7096)	.3611	(.1422)	SEP-1
2	4.8702	(1.9174)	72092800	4.0383	(1.5899)	.5263	(.2072)	4.0807	(1.6066)	.3820	(.1504)	2
OCT-1	4.9492	(1.9485)	69100300	3.6147	(1.4231)	1.1449	(.4507)	3.6568	(1.4397)	1.0966	(.4317)	OCT-1
2	4.9152	(1.9351)	68101912	3.3908	(1.3350)	1.0240	(.4032)	3.5869	(1.4121)	.7696	(.3030)	2
NOV-1	3.8227	(1.5050)	71110100	2.8866	(1.1365)	.7213	(.2840)	3.0200	(1.1890)	.5373	(.2115)	NOV-1
2	3.6436	(1.4345)	64112012	2.6741	(1.0528)	.4504	(.1773)	2.5471	(1.0028)	.6554	(.2580)	2
DEC-1	3.7315	(1.4691)	72121000	2.8739	(1.1315)	.5046	(.1987)	3.1054	(1.2226)	.4941	(.1945)	DEC-1
2	4.2007	(1.6538)	72122212	2.6304	(1.0356)	.4482	(.1765)	2.5211	(.9925)	.9759	(.3842)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.6022	(.6308)	71010512	.9881	(.3890)	.4357	(.1715)	1.0971	(.4319)	.3999	(.1574)	JAN-1
2	1.3089	(.5153)	70013000	1.0117	(.3983)	.1996	(.0786)	.9542	(.3757)	.2270	(.0894)	2
FEB-1	1.4163	(.5576)	72020400	1.0046	(.3955)	.3889	(.1531)	1.1088	(.4365)	.1842	(.0725)	FEB-1
2	1.5466	(.6089)	65022512	.9012	(.3548)	.2936	(.1156)	.9381	(.3693)	.3968	(.1562)	2
MAR-1	1.7422	(.6859)	67030712	1.1549	(.4547)	.3822	(.1505)	1.1823	(.4655)	.3252	(.1280)	MAR-1
2	1.5446	(.6081)	68032312	1.0899	(.4291)	.2729	(.1074)	1.1456	(.4510)	.2154	(.0848)	2
APR-1	1.6124	(.6348)	70040212	1.1441	(.4504)	.3047	(.1199)	1.3290	(.5232)	.2447	(.0963)	APR-1
2	1.6119	(.6346)	64042812	1.3150	(.5177)	.2937	(.1156)	1.3729	(.5405)	.2586	(.1018)	2
MAY-1	1.8616	(.7329)	68051300	1.4833	(.5840)	.3058	(.1204)	1.4891	(.5863)	.1067	(.0420)	MAY-1
2	1.8953	(.7462)	66052512	1.6124	(.6348)	.1602	(.0631)	1.6737	(.6590)	.2367	(.0932)	2
JUN-1	2.2045	(.8679)	66061012	1.8361	(.7229)	.2255	(.0888)	1.8998	(.7480)	.1606	(.0632)	JUN-1
2	2.3828	(.9381)	69062812	2.0672	(.8139)	.3000	(.1181)	2.0554	(.8092)	.1565	(.0616)	2
JUL-1	2.3442	(.9229)	69070200	2.2148	(.8720)	.1698	(.0669)	2.1486	(.8459)	.1143	(.0450)	JUL-1
2	2.5169	(.9909)	69072100	2.2916	(.9022)	.1735	(.0683)	2.2841	(.8992)	.1490	(.0587)	2
AUG-1	2.3576	(.9282)	71080412	2.0420	(.8039)	.3690	(.1453)	2.1897	(.8621)	.1079	(.0425)	AUG-1
2	2.4447	(.9625)	69081800	2.1961	(.8646)	.4023	(.1584)	2.2740	(.8953)	.1018	(.0401)	2
SEP-1	2.4315	(.9573)	71091112	2.0217	(.7959)	.2252	(.0886)	2.0507	(.8074)	.2353	(.0926)	SEP-1
2	2.2161	(.8725)	71092112	1.9615	(.7722)	.1795	(.0707)	1.9806	(.7798)	.2033	(.0800)	2
OCT-1	2.1877	(.8613)	69100300	1.6995	(.6691)	.4148	(.1633)	1.7031	(.6705)	.4247	(.1672)	OCT-1
2	2.0272	(.7981)	68101912	1.6040	(.6315)	.4371	(.1721)	1.6735	(.6588)	.1887	(.0743)	2
NOV-1	1.8633	(.7336)	71110300	1.3875	(.5463)	.3031	(.1193)	1.4208	(.5594)	.2078	(.0818)	NOV-1
2	1.5362	(.6048)	64112012	1.2309	(.4846)	.2534	(.0998)	1.2758	(.5023)	.2248	(.0885)	2
DEC-1	1.7061	(.6717)	71121112	1.3456	(.5298)	.2390	(.0941)	1.3792	(.5430)	.3033	(.1194)	DEC-1
2	1.7884	(.7041)	72122212	1.1768	(.4633)	.1965	(.0774)	1.1874	(.4675)	.4403	(.1733)	2

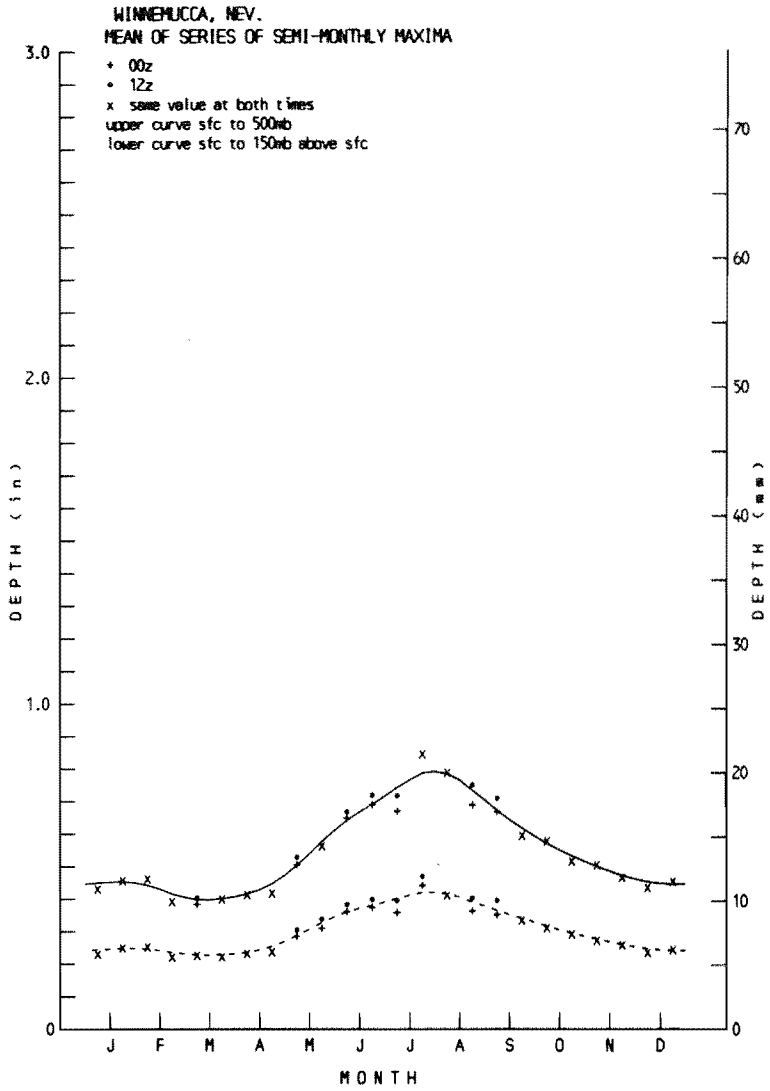

WASHINGTON, D.C.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


WASHINGTON, D.C.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

WASHINGTON, D.C. 27 YEARS OF RECORD

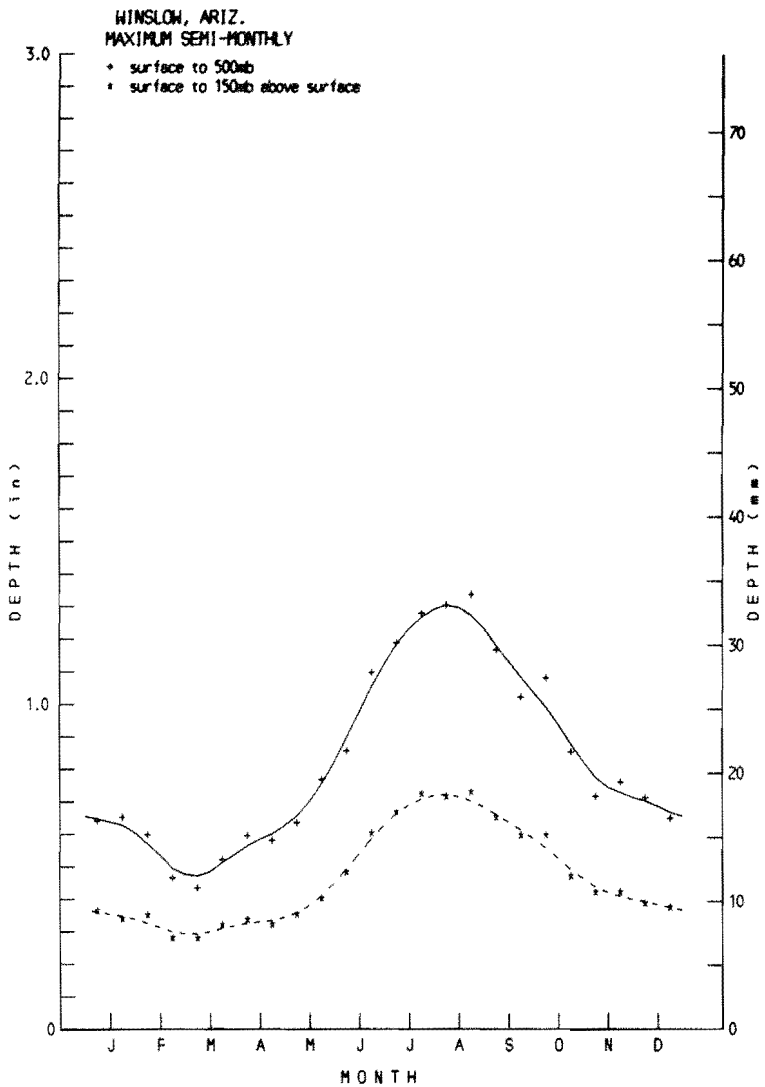
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.1438	(1.2377)	71010500	2.3103	(.9096)	.5267	(.2074)	2.3770	(.9358)	.3923	(.1544)	JAN-1
2	3.6050	(1.4193)	49012415	2.1996	(.8660)	.5719	(.2251)	2.1963	(.8647)	.6425	(.2530)	2
FEB-1	2.9939	(1.1787)	49021503	2.1361	(.8410)	.5168	(.2035)	2.2093	(.8698)	.3437	(.1353)	FEB-1
2	3.6637	(1.4424)	53022115	2.1056	(.8290)	.5518	(.2172)	2.0295	(.7990)	.6534	(.2572)	2
MAR-1	3.2459	(1.2779)	61030600	2.2662	(.8922)	.5298	(.2086)	2.3668	(.9318)	.5405	(.2128)	MAR-1
2	3.5723	(1.4064)	49032703	2.4692	(.9721)	.5646	(.2223)	2.4505	(.9648)	.5399	(.2126)	2
APR-1	3.7465	(1.4750)	55041415	2.7317	(1.0755)	.4591	(.1808)	2.7947	(1.1003)	.4660	(.1835)	APR-1
2	3.7541	(1.4780)	57042603	3.0249	(1.1909)	.4295	(.1691)	2.9327	(1.1546)	.3247	(.1278)	2
MAY-1	4.3904	(1.7285)	54050303	3.5005	(1.3781)	.4013	(.1580)	3.2563	(1.2820)	.4217	(.1660)	MAY-1
2	4.3203	(1.7009)	53052615	3.7152	(1.4627)	.3187	(.1255)	3.5514	(1.3982)	.3656	(.1439)	2
JUN-1	4.8745	(1.9191)	47061415	4.0357	(1.5888)	.3251	(.1280)	3.9071	(1.5382)	.3570	(.1405)	JUN-1
2	5.2227	(2.0562)	52062803	4.4379	(1.7472)	.3874	(.1525)	4.1524	(1.6348)	.4838	(.1905)	2
JUL-1	5.5204	(2.1734)	55070915	4.5547	(1.7932)	.4532	(.1784)	4.4346	(1.7459)	.4028	(.1586)	JUL-1
2	5.4333	(2.1391)	53072303	4.7271	(1.8611)	.3932	(.1548)	4.5245	(1.7813)	.3312	(.1304)	2
AUG-1	5.6693	(2.2320)	55081315	4.6423	(1.8277)	.3203	(.1261)	4.5831	(1.8044)	.4103	(.1615)	AUG-1
2	6.0874	(2.3966)	55081803	4.6410	(1.8272)	.4267	(.1680)	4.5155	(1.7778)	.3660	(.1441)	2
SEP-1	5.3444	(2.1041)	50090203	4.4986	(1.7711)	.4447	(.1751)	4.3463	(1.7111)	.4333	(.1706)	SEP-1
2	4.9319	(1.9417)	46092403	4.0146	(1.5806)	.4913	(.1934)	3.9624	(1.5600)	.5530	(.2177)	2
OCT-1	4.8717	(1.9180)	59100112	3.4661	(1.3646)	.5944	(.2340)	3.6491	(1.4367)	.6506	(.2561)	OCT-1
2	4.4074	(1.7352)	68101912	3.1470	(1.2390)	.5308	(.2090)	3.1094	(1.2242)	.5614	(.2210)	2
NOV-1	3.9967	(1.5735)	71110112	2.8448	(1.1200)	.6580	(.2590)	2.7978	(1.1015)	.6161	(.2426)	NOV-1
2	3.9291	(1.5469)	48112003	2.6913	(1.0596)	.5579	(.2196)	2.6846	(1.0569)	.5565	(.2191)	2
DEC-1	3.5697	(1.4054)	72121012	2.5573	(1.0068)	.5897	(.2322)	2.5144	(.9899)	.5435	(.2140)	DEC-1
2	3.2832	(1.2926)	47121603	2.3420	(.9220)	.6146	(.2420)	2.2777	(.8967)	.6197	(.2440)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.4458	(.5692)	46010703	.9885	(.3892)	.2359	(.0929)	.9811	(.3862)	.2118	(.0834)	JAN-1
2	1.6180	(.6370)	59012200	.9879	(.3889)	.2917	(.1148)	.9537	(.3755)	.2803	(.1104)	2
FEB-1	1.3904	(.5474)	59021100	.9421	(.3709)	.2422	(.0953)	.9452	(.3721)	.1767	(.0696)	FEB-1
2	1.6096	(.6337)	53022115	.8920	(.3512)	.2706	(.1065)	.8743	(.3442)	.3000	(.1181)	2
MAR-1	1.5916	(.6266)	56030803	.9831	(.3870)	.3102	(.1221)	1.0460	(.4118)	.2750	(.1083)	MAR-1
2	1.6754	(.6596)	49032703	1.1616	(.4573)	.2373	(.0934)	1.1147	(.4388)	.2874	(.1131)	2
APR-1	1.6904	(.6655)	47041203	1.2454	(.4903)	.2685	(.1057)	1.2417	(.4888)	.2140	(.0842)	APR-1
2	1.7821	(.7016)	69041900	1.4080	(.5543)	.1800	(.0709)	1.3475	(.5305)	.1774	(.0698)	2
MAY-1	2.0272	(.7981)	53051503	1.6466	(.6483)	.2022	(.0796)	1.5385	(.6057)	.1947	(.0767)	MAY-1
2	2.0419	(.8039)	53052615	1.7778	(.6999)	.1393	(.0548)	1.6656	(.6558)	.1740	(.0685)	2
JUN-1	2.5179	(.9913)	47061203	1.9612	(.7721)	.1781	(.0701)	1.8683	(.7355)	.1554	(.0612)	JUN-1
2	2.5598	(1.0078)	52062803	2.1092	(.8304)	.2188	(.0861)	1.9873	(.7824)	.2134	(.0840)	2
JUL-1	2.4641	(.9701)	55070915	2.1465	(.8451)	.1511	(.0595)	2.0539	(.8086)	.1454	(.0573)	JUL-1
2	2.4592	(.9682)	72072200	2.2198	(.8739)	.1453	(.0572)	2.1235	(.8360)	.1464	(.0576)	2
AUG-1	2.3782	(.9363)	49081403	2.1780	(.8575)	.1251	(.0493)	2.0854	(.8210)	.1321	(.0520)	AUG-1
2	2.5377	(.9991)	55081803	2.1764	(.8569)	.1492	(.0588)	2.1077	(.8298)	.1434	(.0565)	2
SEP-1	2.4313	(.9572)	59090300	2.0893	(.8226)	.1942	(.0765)	1.9834	(.7809)	.1882	(.0741)	SEP-1
2	2.2301	(.8780)	72091812	1.8751	(.7382)	.2177	(.0857)	1.7929	(.7059)	.2621	(.1032)	2
OCT-1	2.2050	(.8681)	59101000	1.6706	(.6577)	.2578	(.1015)	1.6182	(.6371)	.2403	(.0946)	OCT-1
2	1.9667	(.7743)	47101803	1.5034	(.5919)	.1976	(.0778)	1.4362	(.5654)	.2617	(.1030)	2
NOV-1	1.8316	(.7211)	71110100	1.2952	(.5099)	.3074	(.1210)	1.2895	(.5077)	.3119	(.1228)	NOV-1
2	1.8349	(.7224)	48112003	1.2146	(.4782)	.3047	(.1200)	1.2365	(.4868)	.2573	(.1013)	2
DEC-1	1.7115	(.6738)	53120703	1.1102	(.4371)	.2951	(.1162)	1.0699	(.4212)	.2428	(.0956)	DEC-1
2	1.4983	(.5899)	71121600	1.0011	(.3941)	.2929	(.1153)	.9815	(.3864)	.2734	(.1076)	2

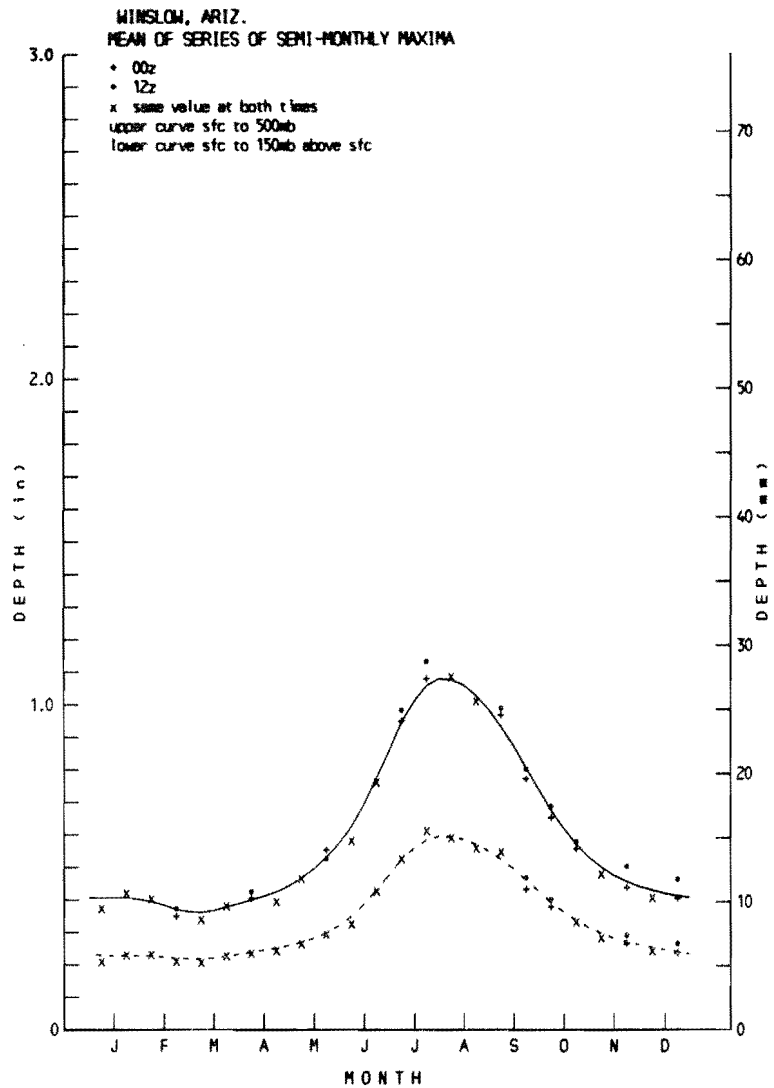

WINNEMUCCA, NEV.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


WINNEMUCCA, NEV.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

WINNEMUCCA, NEV. 17 YEARS OF RECORD

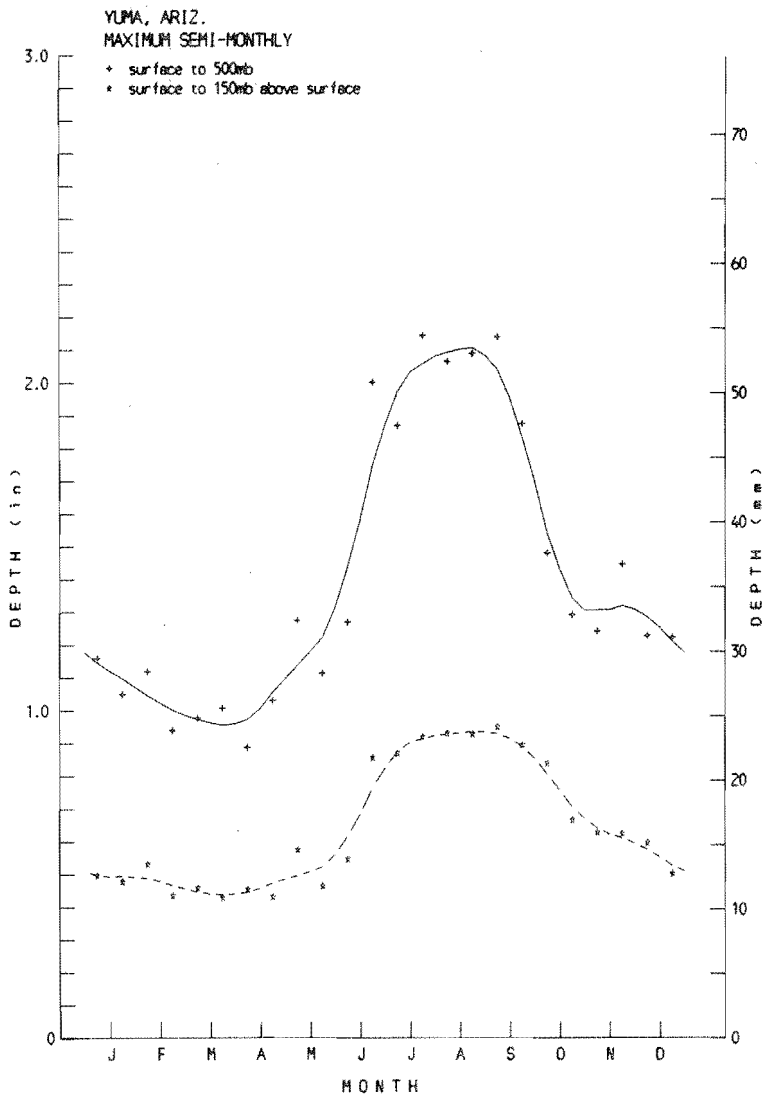
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.4948	(.5885)	62019900	1.1112	(.4375)	.2058	(.0810)	1.0969	(.4318)	.1936	(.0762)	JAN-1
2	1.8956	(.7463)	71011812	1.1823	(.4655)	.3426	(.1349)	1.1549	(.4547)	.3234	(.1273)	2
FEB-1	1.8532	(.7296)	57029912	1.1577	(.4558)	.3075	(.1211)	1.2061	(.4748)	.2733	(.1076)	FEB-1
2	1.7145	(.6750)	68022312	.9893	(.3895)	.2488	(.0979)	1.0219	(.4023)	.2633	(.1037)	2
MAR-1	1.5720	(.6189)	72030212	.9714	(.3824)	.2380	(.0937)	1.0226	(.4026)	.2821	(.1111)	MAR-1
2	1.4323	(.5639)	71032600	1.0207	(.4019)	.2258	(.0889)	1.0317	(.4062)	.2269	(.0893)	2
APR-1	1.3437	(.5290)	72040200	1.0554	(.4155)	.1701	(.0670)	1.0640	(.4189)	.1469	(.0578)	APR-1
2	1.5326	(.6034)	58049900	1.0736	(.4227)	.2361	(.0930)	1.0687	(.4207)	.1588	(.0625)	2
MAY-1	1.6551	(.6516)	66051012	1.2802	(.5040)	.1804	(.0710)	1.3394	(.5273)	.1704	(.0671)	MAY-1
2	2.0074	(.7903)	63059912	1.4157	(.5574)	.2623	(.1033)	1.4651	(.5768)	.2429	(.0956)	2
JUN-1	2.2195	(.8738)	72060712	1.6435	(.6470)	.2966	(.1168)	1.6950	(.6673)	.2382	(.0938)	JUN-1
2	2.2657	(.8920)	70062712	1.7510	(.6894)	.2553	(.1005)	1.8242	(.7182)	.2853	(.1123)	2
JUL-1	2.6243	(1.0332)	61079900	1.6997	(.6692)	.4002	(.1576)	1.8210	(.7169)	.2326	(.0916)	JUL-1
2	3.0513	(1.2013)	56079900	2.1742	(.8560)	.4921	(.1937)	2.1449	(.8445)	.3740	(.1472)	2
AUG-1	3.0734	(1.2100)	61089900	2.0118	(.7920)	.5553	(.2186)	2.0213	(.7958)	.4476	(.1762)	AUG-1
2	2.9566	(1.1640)	61089912	1.7478	(.6881)	.4271	(.1682)	1.9049	(.7499)	.4947	(.1947)	2
SEP-1	2.6533	(1.0446)	59099912	1.6954	(.6675)	.3827	(.1507)	1.8009	(.7090)	.4939	(.1945)	SEP-1
2	2.1829	(.8594)	66091912	1.5024	(.5915)	.3275	(.1289)	1.5444	(.6080)	.3039	(.1197)	2
OCT-1	2.0767	(.8176)	57109900	1.4588	(.5743)	.3170	(.1248)	1.5007	(.5908)	.2948	(.1161)	OCT-1
2	1.9550	(.7697)	59109912	1.3438	(.5291)	.2546	(.1002)	1.3002	(.5119)	.2686	(.1057)	2
NOV-1	1.8821	(.7410)	68110900	1.2716	(.5006)	.2461	(.0969)	1.3123	(.5166)	.2554	(.1006)	NOV-1
2	1.6228	(.6389)	70112400	1.1924	(.4695)	.2410	(.0949)	1.1964	(.4710)	.1840	(.0725)	2
DEC-1	1.7851	(.7028)	56129912	1.1040	(.4346)	.2199	(.0866)	1.1246	(.4428)	.2703	(.1064)	DEC-1
2	1.7645	(.6947)	64129912	1.1776	(.4636)	.2833	(.1115)	1.1500	(.4528)	.2614	(.1029)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.8151	(.3209)	69011400	.6090	(.2397)	.0952	(.0375)	.5801	(.2284)	.0882	(.0347)	JAN-1
2	1.0551	(.4154)	71011800	.6530	(.2571)	.1736	(.0684)	.6337	(.2495)	.1597	(.0629)	2
FEB-1	.9233	(.3635)	63029900	.6342	(.2497)	.1748	(.0688)	.6657	(.2621)	.1302	(.0513)	FEB-1
2	.9307	(.3664)	68022312	.5746	(.2262)	.1207	(.0475)	.5677	(.2235)	.1346	(.0530)	2
MAR-1	.7866	(.3097)	72030300	.5804	(.2285)	.1139	(.0449)	.5900	(.2323)	.1262	(.0497)	MAR-1
2	.8125	(.3199)	61039912	.5697	(.2243)	.1044	(.0411)	.5765	(.2270)	.1062	(.0418)	2
APR-1	.8699	(.3425)	62049900	.5832	(.2296)	.0974	(.0384)	.6180	(.2433)	.0673	(.0265)	APR-1
2	.7874	(.3100)	66041800	.6214	(.2446)	.1118	(.0440)	.6038	(.2377)	.0724	(.0285)	2
MAY-1	1.0975	(.4321)	66051012	.7209	(.2838)	.1081	(.0426)	.7723	(.3040)	.1204	(.0474)	MAY-1
2	1.1359	(.4472)	56059912	.7843	(.3088)	.1654	(.0651)	.8581	(.3379)	.1217	(.0479)	2
JUN-1	1.2789	(.5035)	63069900	.9160	(.3606)	.1697	(.0668)	.9704	(.3820)	.1018	(.0401)	JUN-1
2	1.1890	(.4681)	63069912	.9476	(.3731)	.1424	(.0561)	1.0098	(.3975)	.1296	(.0510)	2
JUL-1	1.3698	(.5393)	61079900	.9082	(.3575)	.1893	(.0745)	1.0011	(.3941)	.1553	(.0612)	JUL-1
2	1.6830	(.6626)	71071912	1.1201	(.4410)	.2707	(.1066)	1.1908	(.4688)	.2433	(.0958)	2
AUG-1	1.5768	(.6208)	61089900	1.0712	(.4217)	.3107	(.1223)	1.0450	(.4114)	.2594	(.1021)	AUG-1
2	1.5530	(.6114)	61089912	.9209	(.3626)	.2354	(.0927)	1.0205	(.4018)	.2563	(.1009)	2
SEP-1	1.4572	(.5737)	59099912	.8917	(.3511)	.2130	(.0839)	1.0031	(.3949)	.2658	(.1046)	SEP-1
2	1.2807	(.5042)	66091912	.8362	(.3292)	.1772	(.0698)	.8851	(.3485)	.1897	(.0747)	2
OCT-1	1.1717	(.4613)	57109900	.7766	(.3058)	.1847	(.0727)	.8236	(.3242)	.1359	(.0535)	OCT-1
2	.9743	(.3836)	58109912	.7491	(.2949)	.1425	(.0561)	.7542	(.2969)	.1156	(.0455)	2
NOV-1	.9601	(.3780)	68110912	.6957	(.2739)	.0952	(.0375)	.7102	(.2796)	.1233	(.0486)	NOV-1
2	.9276	(.3652)	66113000	.6619	(.2606)	.1305	(.0514)	.6675	(.2628)	.1006	(.0396)	2
DEC-1	.9243	(.3639)	56129912	.5932	(.2336)	.1147	(.0451)	.6199	(.2441)	.1252	(.0493)	DEC-1
2	.9792	(.3855)	64129912	.6288	(.2476)	.1478	(.0582)	.6314	(.2486)	.1331	(.0524)	2


WINSLOW, ARIZ.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
+ surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


WINSLOW, ARIZ.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

WINSLOW, ARIZ. 11 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.6266	(.6404)	65010612	.9509	(.3744)	.2996	(.1180)	.9641	(.3796)	.3234	(.1273)	JAN-1
2	1.6543	(.6513)	70011700	1.0900	(.4291)	.2749	(.1082)	1.0657	(.4196)	.2341	(.0922)	2
FEB-1	1.5166	(.5971)	62021400	1.0392	(.4091)	.3002	(.1182)	1.0271	(.4044)	.2834	(.1116)	FEB-1
2	1.1801	(.4646)	68022100	.8833	(.3477)	.2126	(.0837)	.9429	(.3712)	.1891	(.0744)	2
MAR-1	1.1008	(.4334)	70030112	.8497	(.3345)	.1226	(.0483)	.8910	(.3508)	.1581	(.0622)	MAR-1
2	1.3228	(.5208)	67033000	.9639	(.3795)	.1820	(.0716)	.9871	(.3886)	.1757	(.0692)	2
APR-1	1.5093	(.5942)	69041200	1.0223	(.4025)	.2032	(.0800)	1.0757	(.4235)	.2292	(.0902)	APR-1
2	1.4735	(.5801)	63042600	1.0243	(.4033)	.2655	(.1045)	.9946	(.3916)	.1979	(.0779)	2
MAY-1	1.6099	(.6338)	63050912	1.2036	(.4739)	.2626	(.1034)	1.1770	(.4634)	.2822	(.1111)	MAY-1
2	1.9482	(.7670)	72053100	1.4008	(.5515)	.3033	(.1194)	1.3325	(.5246)	.2505	(.0986)	2
JUN-1	2.1720	(.8551)	72060700	1.4935	(.5880)	.3183	(.1253)	1.4791	(.5823)	.3289	(.1295)	JUN-1
2	2.7849	(1.0964)	62063000	1.9398	(.7637)	.6154	(.2423)	1.9449	(.7657)	.4516	(.1778)	2
JUL-1	3.0155	(1.1872)	63070912	2.4084	(.9482)	.2402	(.0946)	2.4941	(.9819)	.3366	(.1325)	JUL-1
2	3.2479	(1.2787)	67072500	2.7386	(1.0782)	.2334	(.0919)	2.8750	(1.1319)	.2076	(.0817)	2
AUG-1	3.3109	(1.3035)	64080300	2.7935	(1.0998)	.2955	(.1163)	2.7432	(1.0800)	.3248	(.1279)	AUG-1
2	3.3917	(1.3353)	63081800	2.5720	(1.0126)	.3972	(.1564)	2.5854	(1.0179)	.2425	(.0955)	2
SEP-1	2.9627	(1.1664)	70090600	2.4561	(.9670)	.3991	(.1571)	2.5100	(.9882)	.2520	(.0992)	SEP-1
2	2.5941	(1.0213)	62092412	1.9574	(.7706)	.3571	(.1406)	2.0342	(.8009)	.3847	(.1514)	2
OCT-1	2.7417	(1.0794)	72100712	1.6531	(.6508)	.4414	(.1738)	1.7415	(.6856)	.5038	(.1984)	OCT-1
2	2.1651	(.8524)	72101912	1.4096	(.5550)	.3695	(.1455)	1.4650	(.5768)	.3849	(.1515)	2
NOV-1	1.8166	(.7152)	62111500	1.2226	(.4813)	.3207	(.1263)	1.2277	(.4833)	.2664	(.1049)	NOV-1
2	1.9281	(.7591)	65112312	1.1071	(.4359)	.2308	(.0909)	1.2717	(.5007)	.2852	(.1123)	2
DEC-1	1.8067	(.7113)	66120512	1.0621	(.4181)	.3281	(.1292)	1.0172	(.4005)	.2943	(.1159)	DEC-1
2	1.6459	(.6480)	71122612	1.0230	(.4028)	.2594	(.1021)	1.1713	(.4611)	.3041	(.1197)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.9235	(.3636)	65010612	.5316	(.2093)	.1612	(.0635)	.5485	(.2159)	.1716	(.0676)	JAN-1
2	.8608	(.3389)	70011700	.5924	(.2332)	.1413	(.0556)	.5948	(.2342)	.1210	(.0476)	2
FEB-1	.8898	(.3503)	62021400	.6060	(.2386)	.1875	(.0738)	.5895	(.2321)	.1602	(.0631)	FEB-1
2	.7115	(.2801)	68022412	.5247	(.2066)	.1213	(.0478)	.5622	(.2213)	.1063	(.0419)	2
MAR-1	.7076	(.2786)	70030112	.5209	(.2051)	.0579	(.0228)	.5457	(.2149)	.0976	(.0384)	MAR-1
2	.8136	(.3203)	67033000	.5817	(.2290)	.1164	(.0458)	.5930	(.2335)	.0842	(.0332)	2
APR-1	.8545	(.3364)	69041200	.5814	(.2289)	.1129	(.0444)	.6305	(.2482)	.1091	(.0429)	APR-1
2	.8169	(.3216)	63042600	.6137	(.2416)	.1445	(.0569)	.6390	(.2516)	.1300	(.0512)	2
MAY-1	.8966	(.3530)	69050712	.6652	(.2619)	.1652	(.0650)	.6947	(.2735)	.1278	(.0503)	MAY-1
2	1.0198	(.4015)	72053100	.7599	(.2992)	.1563	(.0615)	.7498	(.2952)	.1385	(.0545)	2
JUN-1	1.2245	(.4821)	72060700	.8285	(.3262)	.1731	(.0682)	.8394	(.3305)	.1823	(.0718)	JUN-1
2	1.5311	(.6028)	62063000	1.0778	(.4243)	.3281	(.1292)	1.1050	(.4350)	.2715	(.1069)	2
JUL-1	1.6929	(.6665)	63070912	1.3210	(.5201)	.1587	(.0625)	1.3680	(.5386)	.1595	(.0628)	JUL-1
2	1.8385	(.7238)	66073012	1.5400	(.6063)	.1565	(.0616)	1.5900	(.6260)	.1446	(.0569)	2
AUG-1	1.8184	(.7159)	64080300	1.5072	(.5934)	.1542	(.0607)	1.5135	(.5959)	.1795	(.0707)	AUG-1
2	1.8517	(.7290)	63081800	1.4071	(.5540)	.1794	(.0706)	1.4506	(.5711)	.1645	(.0648)	2
SEP-1	1.6546	(.6514)	70090600	1.4017	(.5519)	.2006	(.0790)	1.3990	(.5508)	.1305	(.0514)	SEP-1
2	1.5141	(.5961)	62092412	1.0951	(.4311)	.2008	(.0790)	1.1857	(.4668)	.2241	(.0882)	2
OCT-1	1.5154	(.5966)	72100712	.9577	(.3770)	.2612	(.1028)	1.0136	(.3990)	.2599	(.1023)	OCT-1
2	1.1935	(.4699)	72101900	.8410	(.3311)	.2477	(.0975)	.8637	(.3400)	.2297	(.0904)	2
NOV-1	1.0688	(.4208)	62111500	.7148	(.2814)	.1877	(.0739)	.7370	(.2902)	.1069	(.0421)	NOV-1
2	1.0693	(.4210)	65112312	.6693	(.2635)	.1156	(.0455)	.7345	(.2892)	.1451	(.0571)	2
DEC-1	.9817	(.3865)	66120612	.6341	(.2496)	.1461	(.0575)	.6161	(.2425)	.1396	(.0550)	DEC-1
2	.9517	(.3747)	71122612	.5970	(.2350)	.1757	(.0692)	.6702	(.2639)	.1685	(.0663)	2


YUMA, ARIZ.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
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20
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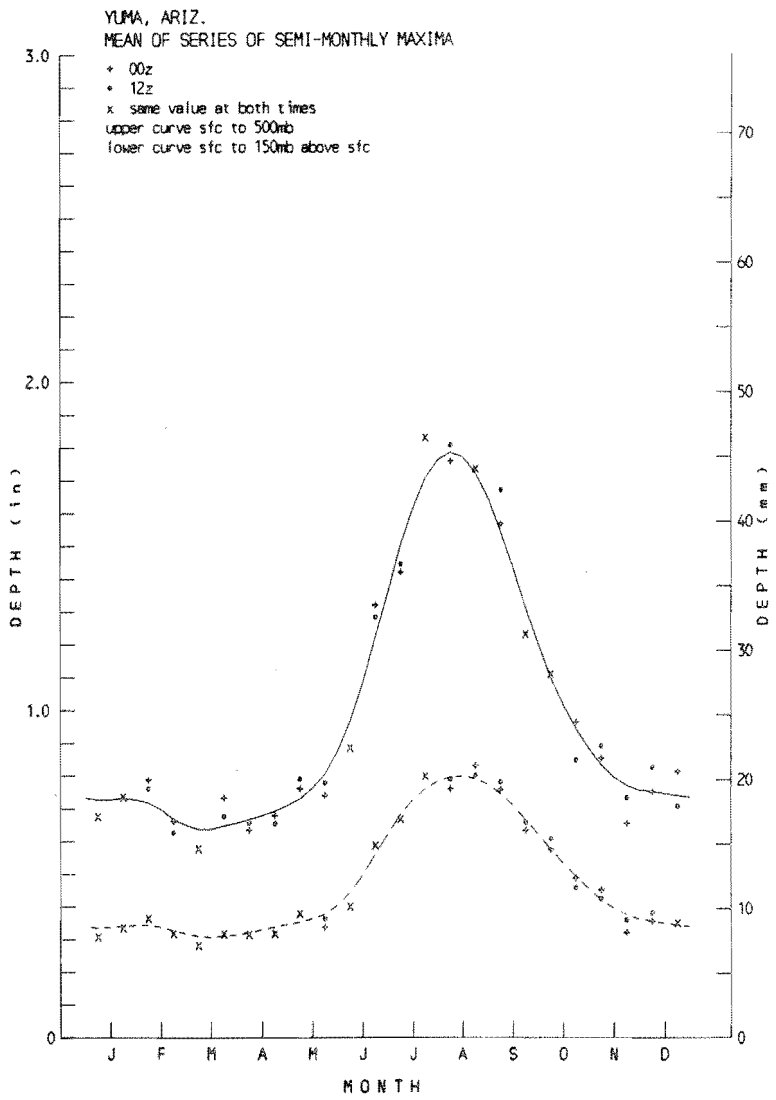
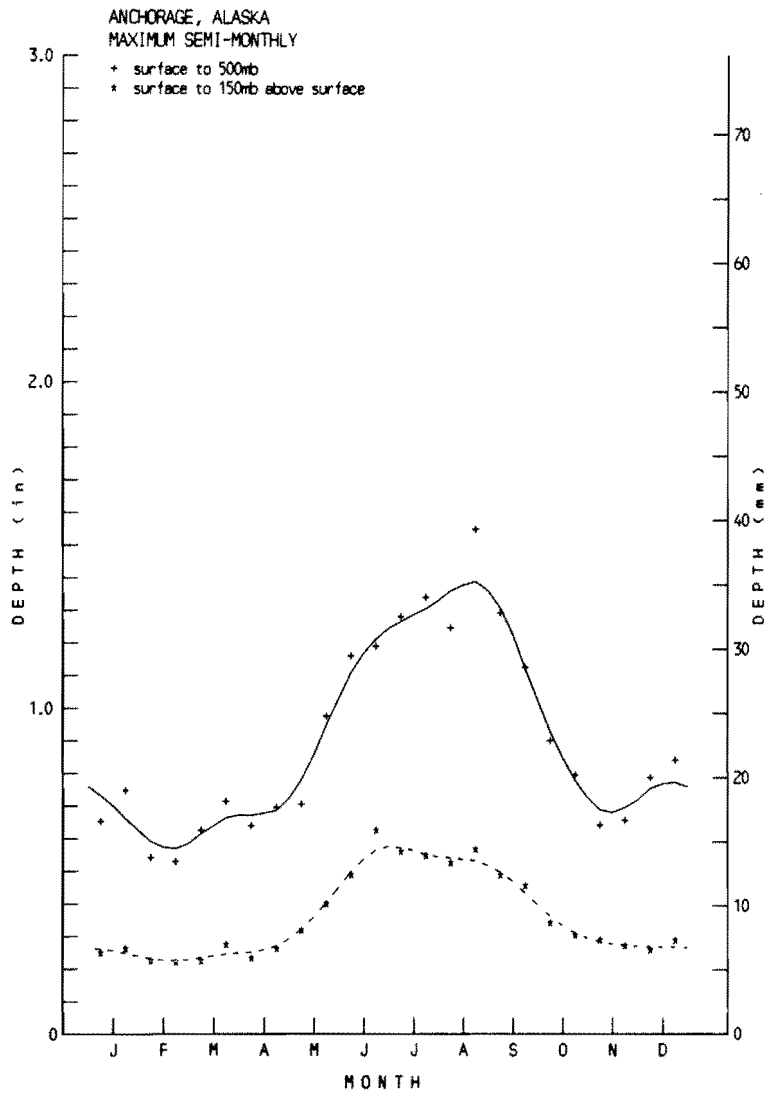
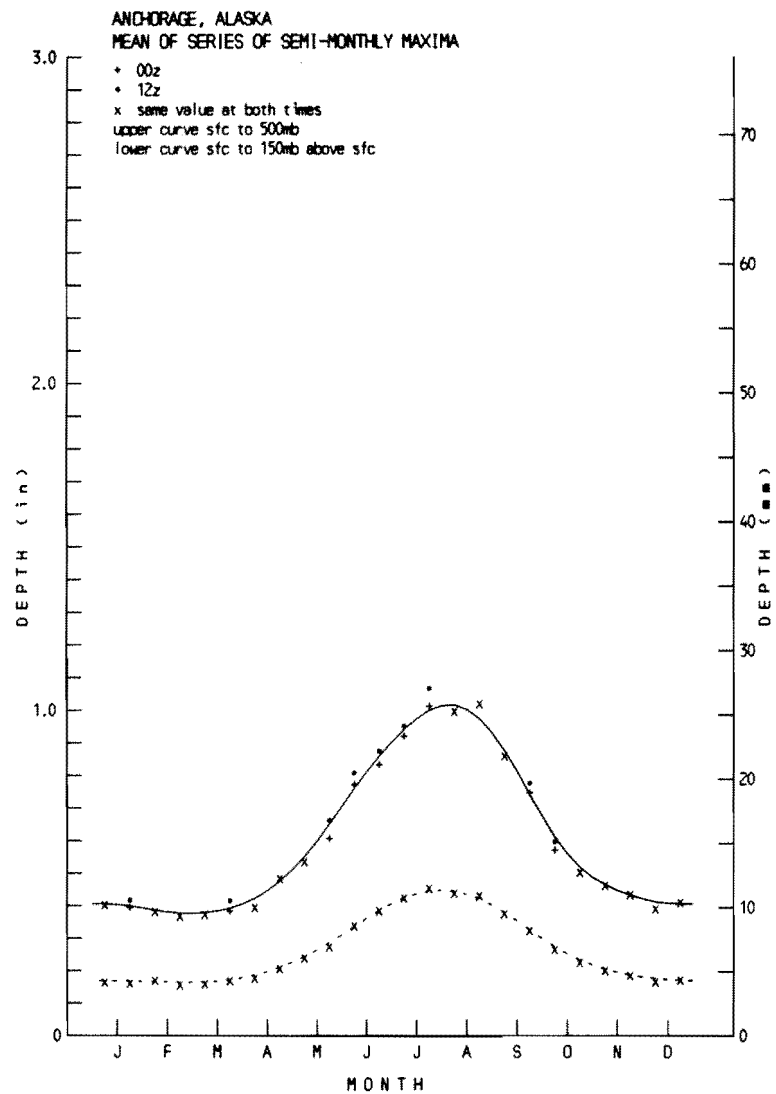
70


YUMA, ARIZ.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

YUMA, ARIZ. 17 YEARS OF RECORD

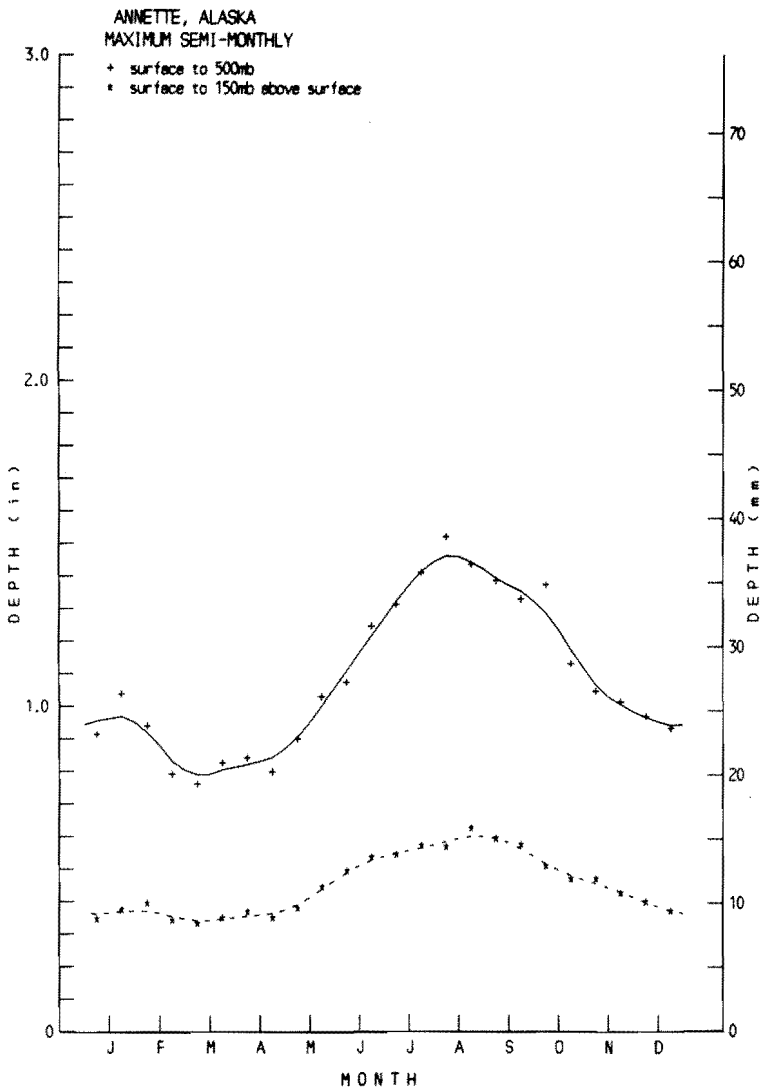
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.9439	(1.1590)	69011412	1.7352	(.6831)	.4460	(.1756)	1.7236	(.6786)	.5936	(.2337)	JAN-1
2	2.6642	(1.0489)	61012700	1.8547	(.7302)	.4086	(.1609)	1.9025	(.7490)	.2795	(.1100)	2
FEB-1	2.8407	(1.1184)	70021012	1.9980	(.7866)	.4388	(.1728)	1.9286	(.7593)	.5131	(.2020)	FEB-1
2	2.3856	(.9392)	59021612	1.6764	(.6600)	.4510	(.1775)	1.5876	(.6250)	.4757	(.1873)	2
MAR-1	2.4798	(.9763)	57030103	1.4966	(.5892)	.5049	(.1988)	1.4553	(.5730)	.3474	(.1368)	MAR-1
2	2.5565	(1.0065)	63032900	1.8578	(.7314)	.5841	(.2300)	1.7137	(.6747)	.4854	(.1911)	2
APR-1	2.2545	(.8876)	61040600	1.6080	(.6331)	.4098	(.1613)	1.6654	(.6557)	.3375	(.1329)	APR-1
2	2.6177	(1.0306)	59042612	1.7208	(.6775)	.2494	(.0982)	1.6590	(.6532)	.3365	(.1325)	2
MAY-1	3.2385	(1.2750)	58051100	1.9321	(.7607)	.6241	(.2457)	2.0068	(.7901)	.4630	(.1823)	MAY-1
2	2.8298	(1.1141)	56051815	1.8755	(.7384)	.4972	(.1958)	1.9763	(.7781)	.4512	(.1776)	2
JUN-1	3.2255	(1.2699)	59061412	2.2845	(.8994)	.6128	(.2412)	2.2395	(.8817)	.3590	(.1413)	JUN-1
2	5.0800	(2.0000)	58062100	3.3534	(1.3202)	.9422	(.3709)	3.2616	(1.2841)	.8881	(.3496)	2
JUL-1	4.7440	(1.8677)	55071315	3.6067	(1.4200)	.7168	(.2822)	3.6705	(1.4451)	.6275	(.2471)	JUL-1
2	5.4417	(2.1424)	69071712	4.6711	(1.8390)	.5726	(.2254)	4.6528	(1.8318)	.4434	(.1746)	2
AUG-1	5.2408	(2.0633)	55081515	4.4667	(1.7585)	.5727	(.2255)	4.5912	(1.8075)	.4989	(.1964)	AUG-1
2	5.3017	(2.0873)	55082315	4.4417	(1.7487)	.4948	(.1948)	4.4000	(1.7323)	.6228	(.2452)	2
SEP-1	5.4305	(2.1380)	58091212	3.9800	(1.5669)	.7143	(.2812)	4.2438	(1.6708)	.6589	(.2594)	SEP-1
2	4.7589	(1.8736)	62092312	3.1516	(1.2408)	.6443	(.2536)	3.1316	(1.2329)	.8192	(.3225)	2
OCT-1	3.7579	(1.4795)	55100315	2.8140	(1.1079)	.6023	(.2371)	2.8522	(1.1229)	.5311	(.2091)	OCT-1
2	3.2812	(1.2918)	57103100	2.4453	(.9627)	.4676	(.1841)	2.1529	(.8476)	.4190	(.1649)	2
NOV-1	3.1532	(1.2414)	60110612	2.1656	(.8526)	.5066	(.1994)	2.2617	(.8904)	.5810	(.2287)	NOV-1
2	3.6716	(1.4455)	65112312	1.6602	(.6536)	.3425	(.1348)	1.8591	(.7319)	.7004	(.2757)	2
DEC-1	3.1199	(1.2283)	66120512	1.9028	(.7491)	.3585	(.1411)	2.0951	(.8249)	.6461	(.2544)	DEC-1
2	3.1072	(1.2233)	57121600	2.0620	(.8118)	.6440	(.2535)	1.7945	(.7065)	.4643	(.1828)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.2642	(.4977)	69011512	.8012	(.3154)	.2437	(.0960)	.7866	(.3097)	.2809	(.1106)	JAN-1
2	1.2139	(.4779)	69011612	.8682	(.3418)	.1828	(.0720)	.8585	(.3380)	.1728	(.0680)	2
FEB-1	1.3485	(.5309)	70021012	.9538	(.3755)	.2404	(.0946)	.9210	(.3626)	.2145	(.0845)	FEB-1
2	1.1026	(.4341)	58022200	.8434	(.3320)	.2049	(.0807)	.7944	(.3127)	.1998	(.0787)	2
MAR-1	1.1618	(.4574)	57030103	.7225	(.2844)	.2175	(.0856)	.7309	(.2878)	.1593	(.0627)	MAR-1
2	1.0876	(.4282)	60032412	.8165	(.3215)	.2290	(.0902)	.8165	(.3215)	.1980	(.0780)	2
APR-1	1.1506	(.4530)	61040600	.7894	(.3108)	.2229	(.0878)	.8336	(.3282)	.1580	(.0622)	APR-1
2	1.0950	(.4311)	60042300	.8361	(.3292)	.1271	(.0500)	.8011	(.3154)	.1388	(.0547)	2
MAY-1	1.4592	(.5745)	58051112	.9906	(.3900)	.1829	(.0720)	.9600	(.3779)	.1770	(.0697)	MAY-1
2	1.1801	(.4646)	56052515	.8554	(.3368)	.1938	(.0763)	.9207	(.3625)	.1641	(.0646)	2
JUN-1	1.3873	(.5462)	57061400	1.0310	(.4059)	.1956	(.0770)	1.0287	(.4050)	.0985	(.0388)	JUN-1
2	2.1727	(.8554)	58062100	1.5027	(.5916)	.4021	(.1583)	1.5061	(.5930)	.3750	(.1476)	2
JUL-1	2.2090	(.8697)	56071103	1.7171	(.6760)	.3057	(.1204)	1.7019	(.6700)	.2075	(.0817)	JUL-1
2	2.3355	(.9195)	55073103	2.0312	(.7997)	.2084	(.0820)	2.0588	(.8106)	.1188	(.0468)	2
AUG-1	2.3637	(.9306)	55081415	1.9313	(.7603)	.2710	(.1067)	2.0048	(.7893)	.2548	(.1003)	AUG-1
2	2.3589	(.9287)	55082315	2.1102	(.8308)	.1687	(.0664)	2.0341	(.8008)	.2171	(.0855)	2
SEP-1	2.4133	(.9501)	58091200	1.9233	(.7572)	.2886	(.1136)	1.9836	(.7809)	.2798	(.1102)	SEP-1
2	2.2728	(.8948)	61091712	1.6077	(.6329)	.3466	(.1365)	1.6680	(.6567)	.3916	(.1542)	2
OCT-1	2.1306	(.8388)	55100415	1.4575	(.5738)	.3447	(.1357)	1.5405	(.6065)	.3448	(.1358)	OCT-1
2	1.6909	(.6657)	59102812	1.2359	(.4866)	.2732	(.1076)	1.1618	(.4574)	.2986	(.1176)	2
NOV-1	1.5939	(.6275)	60110612	1.1452	(.4509)	.2619	(.1031)	1.0753	(.4233)	.2888	(.1137)	NOV-1
2	1.5857	(.6243)	65112312	.8150	(.3209)	.2524	(.0994)	.9123	(.3592)	.3347	(.1318)	2
DEC-1	1.5133	(.5958)	65120912	.9020	(.3551)	.1702	(.0670)	.9644	(.3797)	.2704	(.1064)	DEC-1
2	1.2761	(.5024)	57121600	.9199	(.3622)	.2887	(.1137)	.8865	(.3490)	.2454	(.0966)	2

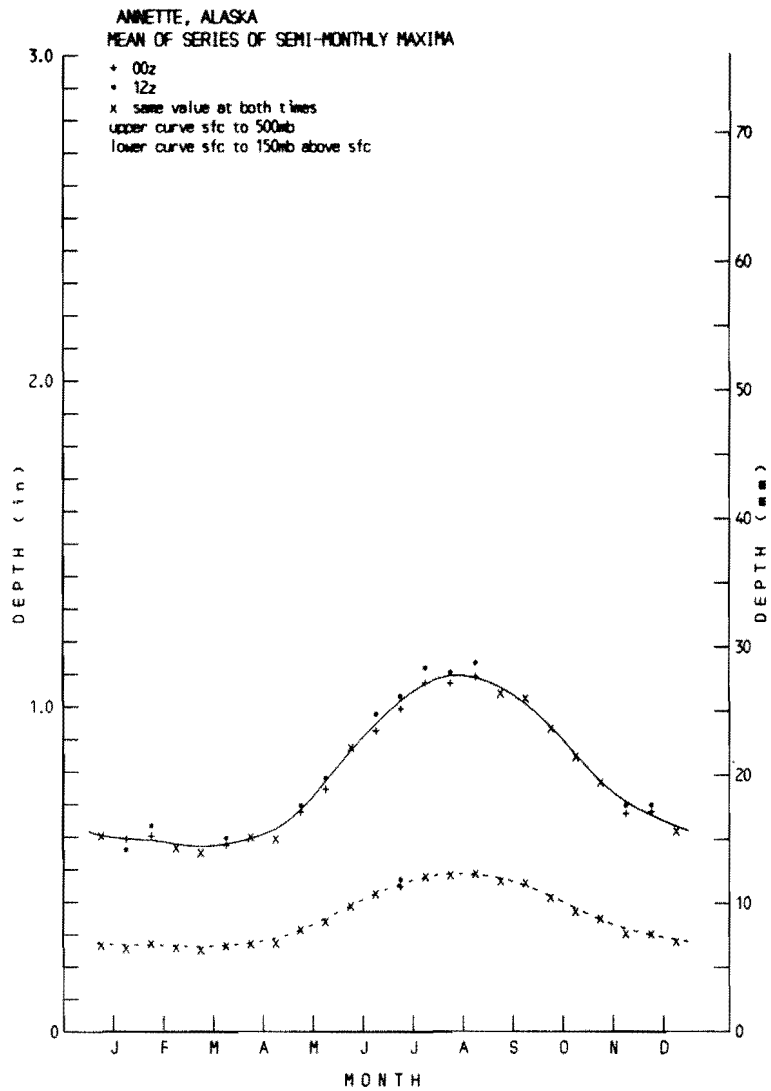

ANCHORAGE, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


ANCHORAGE, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

ANCHORAGE, ALASKA 20 YEARS OF RECORD

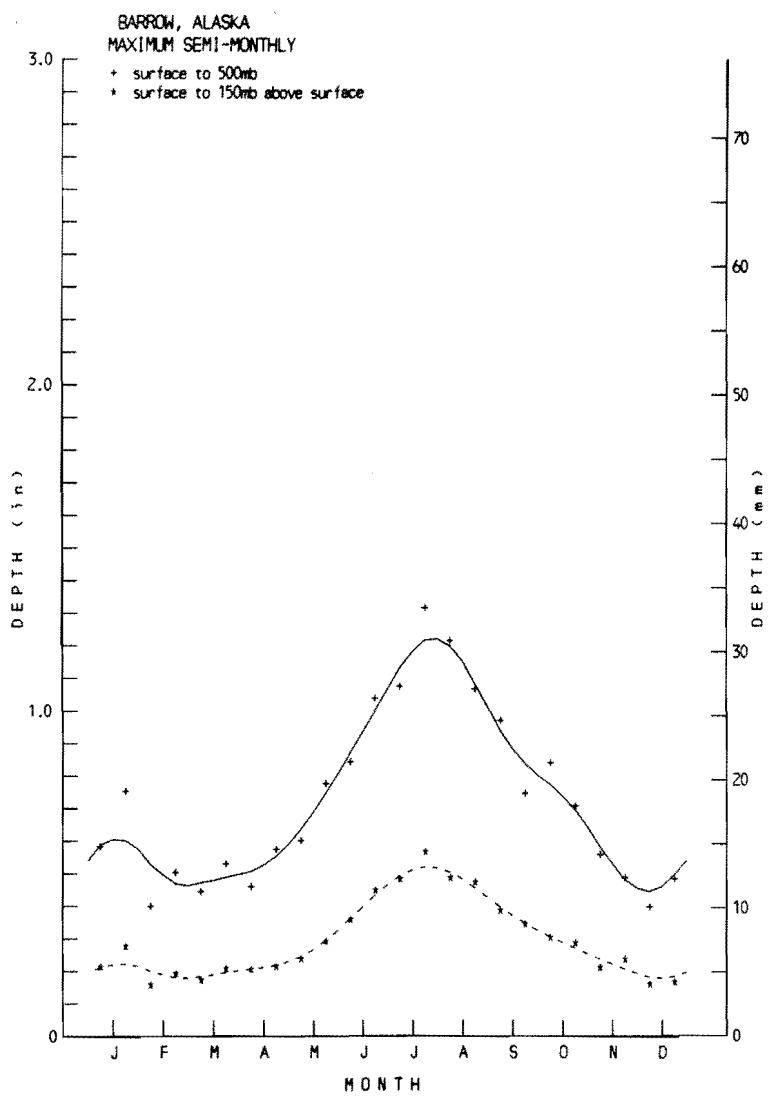
MONTH	MAXIMUM SEMI-MONTHLY 002(032) AND 122(152) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 002(032) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	122(152) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.6540	(.6512)	63011200	1.0482	(.4127)	.2834	(.1116)	1.0132	(.3989)	.3155	(.1242)	JAN-1
2	1.8941	(.7457)	63011912	.9954	(.3919)	.3168	(.1247)	1.0540	(.4150)	.3449	(.1358)	2
FEB-1	1.3726	(.5404)	68021412	.9719	(.3826)	.1775	(.0699)	.9814	(.3864)	.1636	(.0644)	FEB-1
2	1.3404	(.5277)	68022700	.9426	(.3711)	.2240	(.0882)	.9358	(.3684)	.2273	(.0895)	2
MAR-1	1.5842	(.6237)	67030312	.9640	(.3795)	.2949	(.1161)	.9444	(.3718)	.3013	(.1186)	MAR-1
2	1.8092	(.7123)	65032312	.9677	(.3810)	.2628	(.1035)	1.0492	(.4131)	.2648	(.1042)	2
APR-1	1.6195	(.6376)	67040112	.9892	(.3894)	.1655	(.0651)	1.0285	(.4049)	.2105	(.0829)	APR-1
2	1.7620	(.6937)	61042300	1.2118	(.4771)	.3077	(.1211)	1.2579	(.4952)	.2528	(.0995)	2
MAY-1	1.7882	(.7040)	59051512	1.3670	(.5382)	.2291	(.0902)	1.3655	(.5376)	.2433	(.0958)	MAY-1
2	2.4742	(.9741)	60052212	1.5352	(.6044)	.2057	(.0810)	1.6761	(.6599)	.2907	(.1144)	2
JUN-1	2.9418	(1.1582)	58060700	1.9563	(.7702)	.3866	(.1522)	2.0467	(.8058)	.3449	(.1358)	JUN-1
2	3.0183	(1.1883)	53062515	2.1109	(.8311)	.3488	(.1373)	2.2163	(.8726)	.2873	(.1131)	2
JUL-1	3.2484	(1.2789)	51070603	2.3324	(.9183)	.2998	(.1180)	2.4115	(.9494)	.2688	(.1058)	JUL-1
2	3.3967	(1.3373)	67072412	2.5665	(1.0104)	.3459	(.1362)	2.7053	(1.0651)	.3470	(.1366)	2
AUG-1	3.1605	(1.2443)	69080512	2.5200	(.9921)	.3009	(.1185)	2.5571	(1.0067)	.2480	(.0976)	AUG-1
2	3.9268	(1.5460)	54082403	2.6058	(1.0259)	.5638	(.2220)	2.5916	(1.0203)	.5613	(.2210)	2
SEP-1	3.2779	(1.2905)	65090512	2.1810	(.8586)	.3453	(.1360)	2.2009	(.8665)	.4059	(.1598)	SEP-1
2	2.8550	(1.1240)	59092912	1.8936	(.7455)	.3806	(.1498)	1.9662	(.7741)	.4136	(.1628)	2
OCT-1	2.2852	(.8997)	63100612	1.4453	(.5690)	.2494	(.0982)	1.5107	(.5948)	.2999	(.1181)	OCT-1
2	2.0175	(.7943)	57102112	1.2759	(.5023)	.2523	(.0993)	1.2936	(.5093)	.2463	(.0970)	2
NOV-1	1.6274	(.6407)	51110115	1.1857	(.4668)	.2467	(.0971)	1.1801	(.4646)	.2203	(.0867)	NOV-1
2	1.6634	(.6549)	67112100	1.0933	(.4304)	.2790	(.1098)	1.1293	(.4446)	.2837	(.1117)	2
DEC-1	1.9975	(.7864)	61121000	1.0157	(.3999)	.3645	(.1435)	.9809	(.3862)	.3164	(.1246)	DEC-1
2	2.1331	(.8398)	67122912	1.0386	(.4089)	.2689	(.1059)	1.0578	(.4165)	.3458	(.1361)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.6292	(.2477)	63011412	.4297	(.1692)	.0964	(.0379)	.4216	(.1660)	.1118	(.0440)	JAN-1
2	.6599	(.2598)	63011600	.4035	(.1588)	.1074	(.0423)	.4290	(.1689)	.1073	(.0423)	2
FEB-1	.5674	(.2234)	68020912	.4373	(.1722)	.0745	(.0293)	.4360	(.1717)	.0696	(.0274)	FEB-1
2	.5563	(.2190)	63022500	.4061	(.1599)	.0867	(.0341)	.4009	(.1578)	.0874	(.0344)	2
MAR-1	.5639	(.2220)	68030112	.4111	(.1618)	.1058	(.0416)	.4088	(.1609)	.1154	(.0455)	MAR-1
2	.6919	(.2724)	65032512	.4203	(.1655)	.0787	(.0310)	.4524	(.1781)	.0848	(.0334)	2
APR-1	.5852	(.2304)	67040112	.4470	(.1760)	.0455	(.0179)	.4660	(.1835)	.0550	(.0216)	APR-1
2	.6609	(.2602)	51041715	.5300	(.2087)	.0680	(.0268)	.5336	(.2101)	.0706	(.0278)	2
MAY-1	.8034	(.3163)	59051512	.6067	(.2389)	.0866	(.0341)	.6220	(.2449)	.0932	(.0367)	MAY-1
2	1.0109	(.3980)	60052300	.6797	(.2676)	.0980	(.0386)	.7260	(.2858)	.0937	(.0369)	2
JUN-1	1.2380	(.4874)	58060712	.8525	(.3356)	.1551	(.0610)	.8809	(.3468)	.1446	(.0569)	JUN-1
2	1.5839	(.6236)	53062603	.9801	(.3859)	.1898	(.0747)	.9867	(.3885)	.1495	(.0588)	2
JUL-1	1.4168	(.5578)	51071103	1.0630	(.4185)	.1223	(.0481)	1.1041	(.4347)	.1118	(.0440)	JUL-1
2	1.3871	(.5461)	66072612	1.1506	(.4530)	.1111	(.0437)	1.1674	(.4596)	.1133	(.0446)	2
AUG-1	1.3322	(.5245)	50081403	1.1181	(.4402)	.0922	(.0363)	1.1244	(.4427)	.0497	(.0196)	AUG-1
2	1.4361	(.5654)	62082900	1.1138	(.4385)	.1853	(.0730)	1.0892	(.4288)	.1574	(.0620)	2
SEP-1	1.2365	(.4868)	63090412	.9508	(.3743)	.1159	(.0456)	.9721	(.3827)	.1356	(.0534)	SEP-1
2	1.1537	(.4542)	54091703	.8308	(.3271)	.1156	(.0455)	.8286	(.3262)	.1163	(.0458)	2
OCT-1	.8639	(.3401)	53100615	.6781	(.2670)	.0985	(.0388)	.6840	(.2693)	.0874	(.0344)	OCT-1
2	.7668	(.3019)	57101900	.5869	(.2310)	.0971	(.0382)	.5765	(.2270)	.0877	(.0345)	2
NOV-1	.7287	(.2869)	69110112	.5123	(.2017)	.1094	(.0431)	.5225	(.2057)	.1057	(.0416)	NOV-1
2	.6863	(.2702)	67112112	.4653	(.1832)	.0988	(.0389)	.4907	(.1932)	.1065	(.0419)	2
DEC-1	.6505	(.2561)	61121000	.4351	(.1713)	.1179	(.0464)	.4252	(.1674)	.1057	(.0416)	DEC-1
2	.7257	(.2857)	67122912	.4470	(.1760)	.1088	(.0428)	.4392	(.1729)	.1161	(.0457)	2

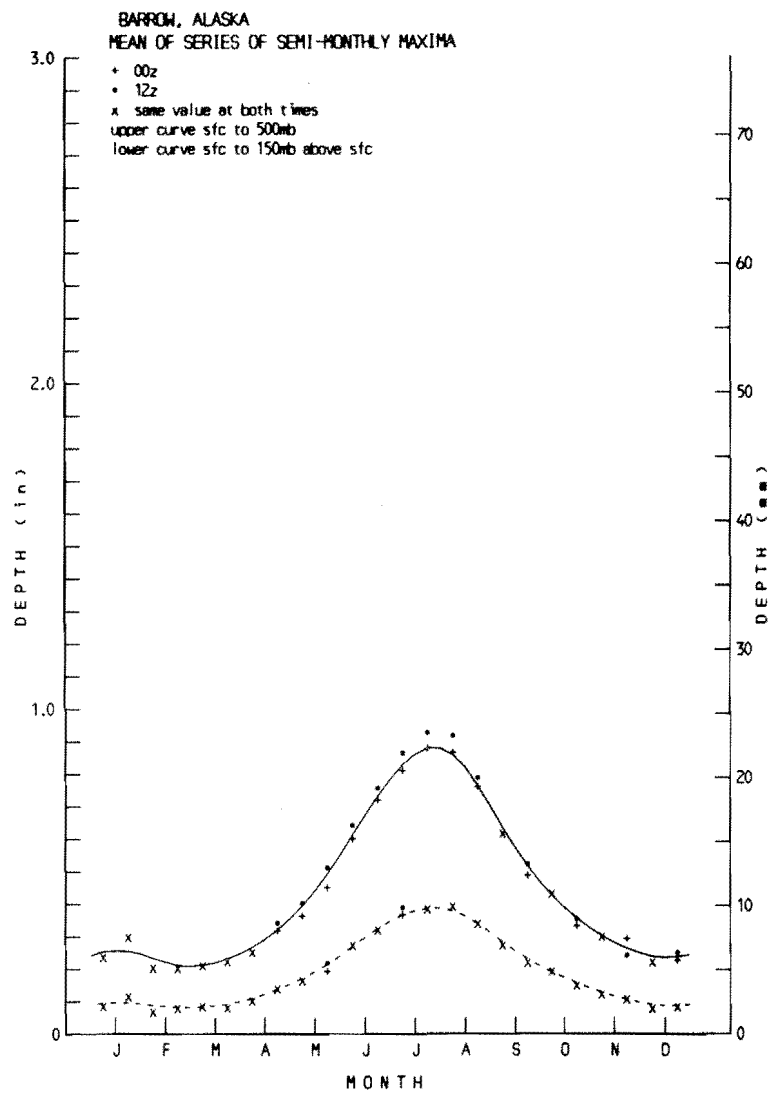

ANNETTE, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
• surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


ANNETTE, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

ANNETTE, ALASKA 20 YEARS OF RECORD

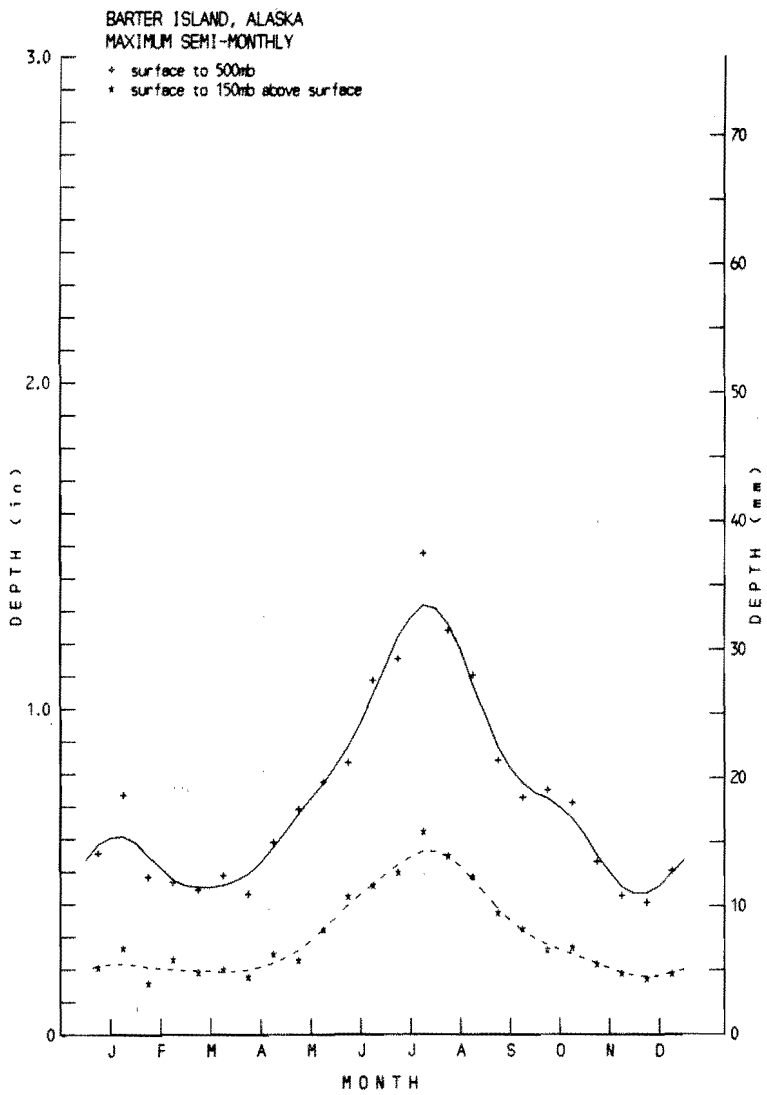
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.3160	(.9118)	65011412	1.5381	(.6056)	.3141	(.1237)	1.5432	(.6076)	.3399	(.1338)	JAN-1
2	2.6302	(1.0355)	68012300	1.5002	(.5906)	.4956	(.1951)	1.4176	(.5581)	.3416	(.1345)	2
FEB-1	2.3807	(.9373)	63020900	1.5246	(.6002)	.3034	(.1194)	1.6050	(.6319)	.3048	(.1200)	FEB-1
2	2.0063	(.7899)	65021812	1.4268	(.5617)	.2445	(.0963)	1.4606	(.5750)	.2924	(.1151)	2
MAR-1	1.9286	(.7593)	55030615	1.4241	(.5606)	.2263	(.0891)	1.3909	(.5476)	.2513	(.0989)	MAR-1
2	2.0942	(.8245)	51032003	1.4527	(.5719)	.2983	(.1174)	1.5076	(.5935)	.3338	(.1314)	2
APR-1	2.1341	(.8402)	58041200	1.5486	(.6097)	.2586	(.1018)	1.5099	(.5944)	.2119	(.0834)	APR-1
2	2.0251	(.7973)	65042612	1.5063	(.5930)	.2577	(.1014)	1.5211	(.5989)	.2691	(.1060)	2
MAY-1	2.2822	(.8985)	59051412	1.7110	(.6736)	.3085	(.1214)	1.7635	(.6943)	.2857	(.1125)	MAY-1
2	2.6116	(1.0282)	68052012	1.8885	(.7435)	.2506	(.0986)	1.9767	(.7782)	.2865	(.1128)	2
JUN-1	2.7236	(1.0723)	69060300	2.2069	(.8689)	.2792	(.1099)	2.2515	(.8864)	.3007	(.1184)	JUN-1
2	3.1577	(1.2432)	67062212	2.3458	(.9235)	.2970	(.1169)	2.4759	(.9748)	.2851	(.1123)	2
JUL-1	3.3282	(1.3103)	61071012	2.5162	(.9906)	.3274	(.1289)	2.6158	(1.0298)	.3262	(.1284)	JUL-1
2	3.5761	(1.4079)	61071912	2.7174	(1.0699)	.3798	(.1495)	2.8377	(1.1172)	.3458	(.1361)	2
AUG-1	3.8560	(1.5181)	63081400	2.7143	(1.0686)	.3766	(.1483)	2.8012	(1.1028)	.2757	(.1085)	AUG-1
2	3.6413	(1.4336)	58082400	2.7676	(1.0896)	.3603	(.1419)	2.8747	(1.1318)	.3559	(.1401)	2
SEP-1	3.5151	(1.3839)	63090912	2.6692	(1.0509)	.2923	(.1151)	2.6306	(1.0357)	.3325	(.1309)	SEP-1
2	3.3721	(1.3276)	57092000	2.5960	(1.0220)	.3393	(.1336)	2.6259	(1.0338)	.2881	(.1134)	2
OCT-1	3.4841	(1.3717)	58100212	2.3995	(.9447)	.3855	(.1518)	2.3528	(.9263)	.4132	(.1627)	OCT-1
2	2.8669	(1.1287)	65102212	2.1406	(.8427)	.4241	(.1670)	2.1675	(.8534)	.4093	(.1611)	2
NOV-1	2.6530	(1.0445)	62110112	1.9479	(.7669)	.2919	(.1149)	1.9613	(.7722)	.3410	(.1343)	NOV-1
2	2.5700	(1.0118)	67112200	1.6977	(.6684)	.4000	(.1575)	1.7621	(.6937)	.3549	(.1397)	2
DEC-1	2.4559	(.9669)	62121100	1.7114	(.6738)	.3934	(.1549)	1.7654	(.6950)	.3708	(.1460)	DEC-1
2	2.3635	(.9305)	67122700	1.5792	(.6217)	.4187	(.1649)	1.5669	(.6169)	.4178	(.1645)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.8745	(.3443)	65011500	.6916	(.2723)	.1107	(.0436)	.6871	(.2705)	.1066	(.0420)	JAN-1
2	.9454	(.3722)	68012300	.6542	(.2575)	.1582	(.0623)	.6614	(.2604)	.1500	(.0590)	2
FEB-1	.9985	(.3931)	63020900	.6964	(.2742)	.1246	(.0491)	.6978	(.2747)	.1102	(.0434)	FEB-1
2	.8626	(.3396)	68022612	.6491	(.2556)	.1034	(.0407)	.6816	(.2683)	.1065	(.0419)	2
MAR-1	.8390	(.3303)	68030500	.6534	(.2572)	.0784	(.0309)	.6407	(.2522)	.0907	(.0357)	MAR-1
2	.8824	(.3474)	66032912	.6732	(.2650)	.0981	(.0386)	.6846	(.2695)	.1127	(.0444)	2
APR-1	.9296	(.3660)	58041200	.7005	(.2758)	.1013	(.0399)	.6885	(.2711)	.0716	(.0282)	APR-1
2	.8837	(.3479)	53042715	.7004	(.2757)	.0812	(.0320)	.6985	(.2750)	.0861	(.0339)	2
MAY-1	.9611	(.3784)	59051412	.8101	(.3189)	.0920	(.0362)	.8007	(.3153)	.0989	(.0390)	MAY-1
2	1.1250	(.4429)	68052012	.8611	(.3390)	.0989	(.0389)	.8774	(.3454)	.0917	(.0361)	2
JUN-1	1.2509	(.4925)	69061512	.9818	(.3865)	.0863	(.0340)	.9995	(.3935)	.1106	(.0436)	JUN-1
2	1.3553	(.5336)	67062112	1.0810	(.4256)	.1109	(.0437)	1.0906	(.4294)	.1145	(.0451)	2
JUL-1	1.3777	(.5424)	61071112	1.1272	(.4438)	.1053	(.0414)	1.1838	(.4661)	.1056	(.0416)	JUL-1
2	1.4473	(.5698)	58073000	1.2167	(.4790)	.1128	(.0444)	1.2228	(.4814)	.1102	(.0434)	2
AUG-1	1.4387	(.5664)	52080315	1.2236	(.4817)	.1111	(.0437)	1.2397	(.4881)	.0897	(.0353)	AUG-1
2	1.5839	(.6236)	58082112	1.2301	(.4843)	.1406	(.0553)	1.2543	(.4938)	.1318	(.0519)	2
SEP-1	1.5027	(.5916)	63090912	1.1941	(.4701)	.0934	(.0368)	1.1743	(.4623)	.1332	(.0524)	SEP-1
2	1.4542	(.5725)	67092700	1.1728	(.4617)	.1315	(.0518)	1.1679	(.4598)	.1149	(.0452)	2
OCT-1	1.2898	(.5078)	59100112	1.0632	(.4186)	.1428	(.0562)	1.0487	(.4129)	.1078	(.0424)	OCT-1
2	1.1880	(.4677)	65102300	.9580	(.3772)	.1536	(.0605)	.9337	(.3676)	.1424	(.0561)	2
NOV-1	1.1885	(.4679)	69110112	.8861	(.3488)	.1253	(.0493)	.8957	(.3526)	.1260	(.0496)	NOV-1
2	1.0757	(.4235)	57112300	.7661	(.3016)	.1379	(.0543)	.7796	(.3069)	.1119	(.0441)	2
DEC-1	1.0089	(.3972)	59120512	.7634	(.3005)	.0981	(.0386)	.7744	(.3049)	.1128	(.0444)	DEC-1
2	.9360	(.3685)	60122200	.7216	(.2841)	.1543	(.0607)	.7016	(.2762)	.1312	(.0517)	2

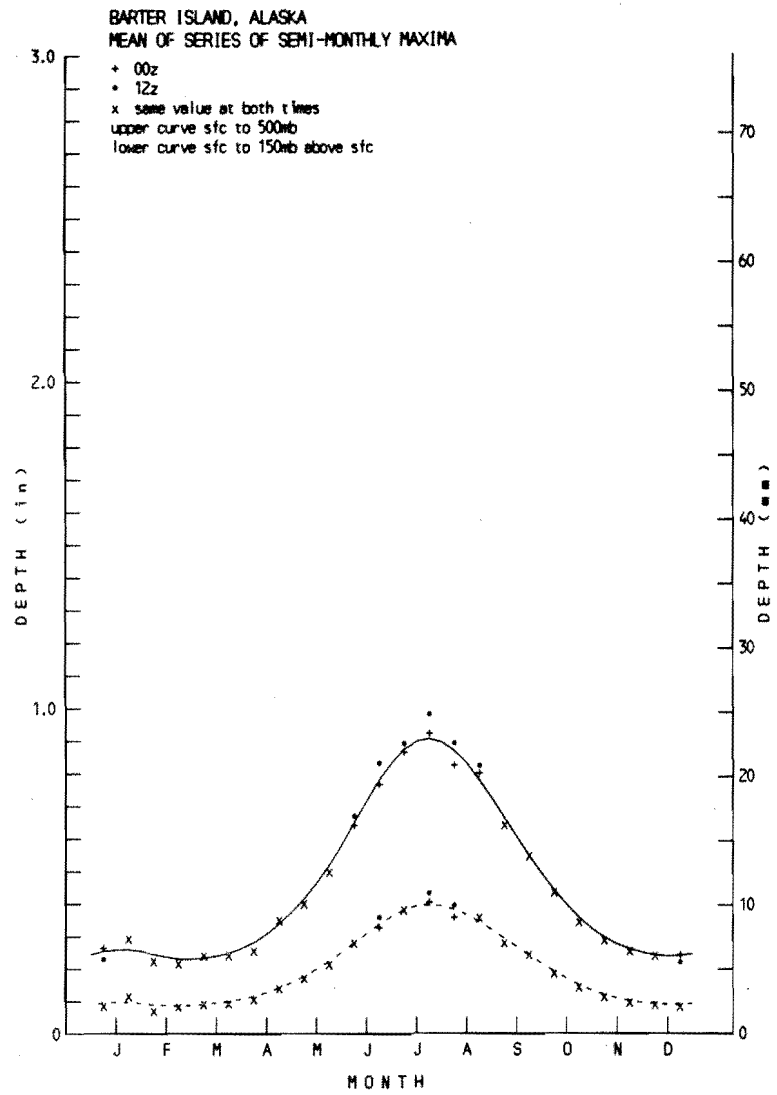

BARROW, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


BARROW, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

BARROW, ALASKA 20 YEARS OF RECORD

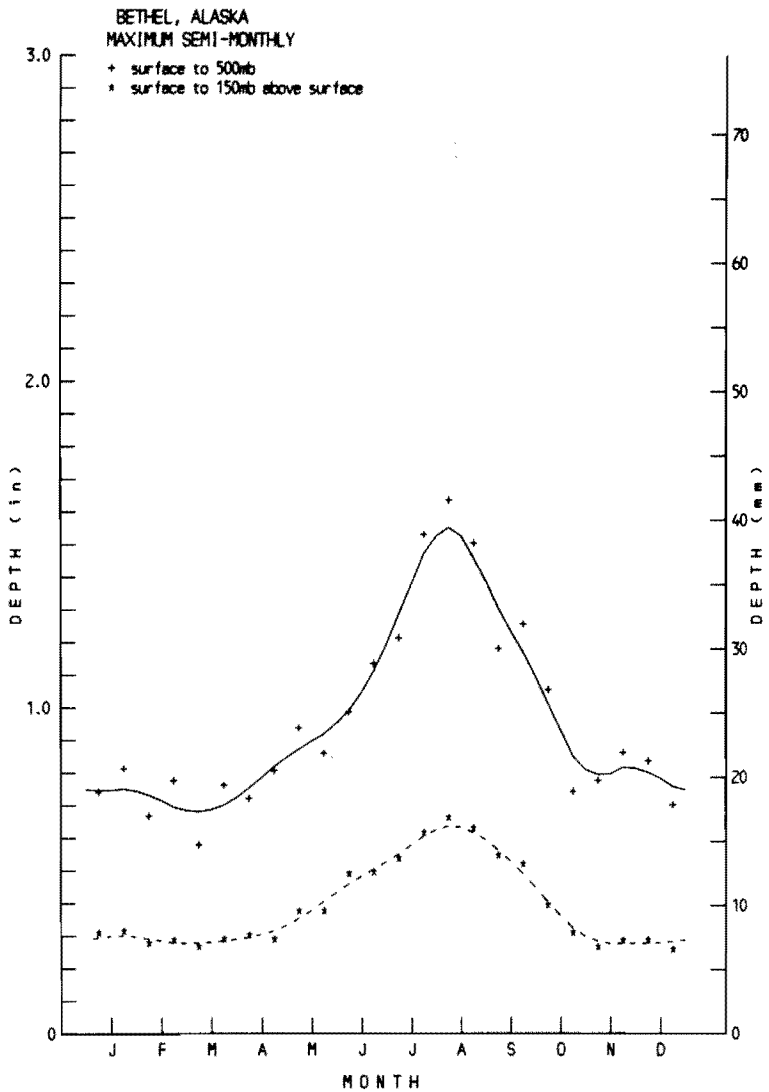
MONTH	MAXIMUM (00Z(03Z) AND 12Z(15Z) COMBINED) CM.	(IN.)	DATE	MEAN (00Z(03Z)) CM.	(IN.)	SD (00Z(03Z)) CM.	(IN.)	MEAN (12Z(15Z)) CM.	(IN.)	SD (12Z(15Z)) CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.4780	(.5819)	68010212	.5809	(.2287)	.2764	(.1088)	.6278	(.2472)	.3036	(.1195)	JAN-1
2	1.9096	(.7518)	63011800	.7839	(.3086)	.3743	(.1474)	.7410	(.2917)	.2788	(.1098)	2
FEB-1	1.0122	(.3985)	58020312	.5124	(.2017)	.1950	(.0768)	.5285	(.2081)	.2381	(.0938)	FEB-1
2	1.2758	(.5023)	62022512	.4997	(.1967)	.2629	(.1035)	.5392	(.2123)	.2965	(.1167)	2
MAR-1	1.1257	(.4432)	67031412	.5534	(.2179)	.2550	(.1004)	.5256	(.2069)	.2812	(.1107)	MAR-1
2	1.3442	(.5292)	65032200	.5729	(.2255)	.2367	(.0932)	.5724	(.2253)	.2564	(.1009)	2
APR-1	1.1648	(.4586)	57041215	.6280	(.2472)	.2434	(.0958)	.6563	(.2584)	.2201	(.0866)	APR-1
2	1.4582	(.5741)	58042600	.7997	(.3148)	.2551	(.1004)	.8615	(.3392)	.2092	(.0824)	2
MAY-1	1.5240	(.6000)	53051515	.9151	(.3603)	.2204	(.0868)	1.0143	(.3993)	.2600	(.1024)	MAY-1
2	1.9731	(.7768)	60052512	1.1371	(.4477)	.2903	(.1143)	1.2949	(.5098)	.3082	(.1213)	2
JUN-1	2.1394	(.8423)	58060612	1.5221	(.5993)	.3328	(.1310)	1.6263	(.6403)	.2662	(.1048)	JUN-1
2	2.6360	(1.0378)	66062912	1.8244	(.7183)	.3156	(.1242)	1.9181	(.7552)	.3082	(.1213)	2
JUL-1	2.7287	(1.0743)	67071412	2.0546	(.8089)	.2717	(.1070)	2.1899	(.8622)	.3184	(.1253)	JUL-1
2	3.3406	(1.3152)	55072115	2.2263	(.8765)	.4419	(.1740)	2.3492	(.9249)	.3696	(.1455)	2
AUG-1	3.0853	(1.2147)	60081112	2.1947	(.8640)	.3966	(.1561)	2.3253	(.9155)	.3830	(.1508)	AUG-1
2	2.7092	(1.0666)	50081803	1.9279	(.7590)	.3882	(.1528)	1.9950	(.7854)	.3889	(.1531)	2
SEP-1	2.4635	(.9699)	65091012	1.5500	(.6102)	.3658	(.1440)	1.5913	(.6265)	.3285	(.1293)	SEP-1
2	1.8953	(.7462)	54091603	1.2335	(.4856)	.2621	(.1032)	1.3202	(.5197)	.2568	(.1011)	2
OCT-1	2.1331	(.8398)	57100600	1.1016	(.4337)	.4011	(.1579)	1.1034	(.4344)	.3772	(.1485)	OCT-1
2	1.7965	(.7073)	51101815	.8383	(.3300)	.3267	(.1286)	.8935	(.3518)	.3810	(.1500)	2
NOV-1	1.4163	(.5576)	51110203	.7782	(.3064)	.2689	(.1059)	.7562	(.2977)	.2638	(.1038)	NOV-1
2	1.2347	(.4861)	66111700	.7394	(.2911)	.3109	(.1224)	.6086	(.2396)	.1799	(.0708)	2
DEC-1	1.0076	(.3967)	58120500	.5665	(.2230)	.2170	(.0854)	.5692	(.2241)	.1935	(.0762)	DEC-1
2	1.2255	(.4825)	64122012	.5672	(.2233)	.2492	(.0981)	.6292	(.2477)	.3097	(.1219)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.5380	(.2118)	68010212	.2156	(.0849)	.1164	(.0458)	.2274	(.0895)	.1237	(.0487)	JAN-1
2	.6995	(.2754)	63011800	.3024	(.1191)	.1487	(.0586)	.2950	(.1161)	.1411	(.0555)	2
FEB-1	.3967	(.1562)	57020415	.1776	(.0699)	.0824	(.0324)	.1783	(.0702)	.0952	(.0375)	FEB-1
2	.4831	(.1902)	57022215	.1986	(.0782)	.1157	(.0456)	.2150	(.0847)	.1292	(.0509)	2
MAR-1	.4341	(.1709)	57030515	.2284	(.0899)	.1098	(.0432)	.2141	(.0843)	.1161	(.0457)	MAR-1
2	.5235	(.2061)	65032312	.2098	(.0826)	.1063	(.0418)	.2112	(.0831)	.1171	(.0461)	2
APR-1	.5177	(.2038)	57041215	.2615	(.1029)	.1116	(.0440)	.2671	(.1052)	.1173	(.0462)	APR-1
2	.5418	(.2133)	58042700	.3440	(.1354)	.0864	(.0340)	.3718	(.1464)	.0842	(.0332)	2
MAY-1	.5997	(.2361)	56050303	.4189	(.1649)	.0875	(.0345)	.4250	(.1673)	.0774	(.0305)	MAY-1
2	.7371	(.2902)	51053115	.4847	(.1908)	.0774	(.0305)	.5484	(.2159)	.0905	(.0356)	2
JUN-1	.9063	(.3568)	52061115	.6826	(.2687)	.1096	(.0432)	.7177	(.2825)	.1137	(.0447)	JUN-1
2	1.1351	(.4469)	66062912	.8027	(.3160)	.1043	(.0411)	.8395	(.3305)	.1087	(.0428)	2
JUL-1	1.2240	(.4819)	67071312	.9264	(.3647)	.1360	(.0535)	.9830	(.3870)	.1429	(.0562)	JUL-1
2	1.4356	(.5652)	55072315	.9733	(.3832)	.1747	(.0688)	.9985	(.3931)	.1551	(.0611)	2
AUG-1	1.2344	(.4860)	68080712	.9899	(.3897)	.1736	(.0684)	1.0142	(.3993)	.1785	(.0703)	AUG-1
2	1.2004	(.4726)	54082415	.8619	(.3393)	.1511	(.0595)	.8730	(.3437)	.1516	(.0597)	2
SEP-1	.9797	(.3857)	65091100	.7007	(.2759)	.1524	(.0600)	.6990	(.2752)	.1335	(.0526)	SEP-1
2	.8725	(.3435)	54091603	.5648	(.2223)	.1260	(.0496)	.5637	(.2219)	.1050	(.0413)	2
OCT-1	.7668	(.3019)	59100112	.4895	(.1927)	.1299	(.0511)	.5011	(.1973)	.1367	(.0538)	OCT-1
2	.7247	(.2853)	57102400	.3855	(.1518)	.1316	(.0518)	.3859	(.1519)	.1210	(.0476)	2
NOV-1	.5321	(.2095)	51110215	.3271	(.1288)	.1072	(.0422)	.3041	(.1197)	.1179	(.0464)	NOV-1
2	.5969	(.2350)	52112403	.2858	(.1125)	.1298	(.0511)	.2747	(.1081)	.1053	(.0414)	2
DEC-1	.4036	(.1589)	66120400	.2070	(.0815)	.0953	(.0375)	.2021	(.0795)	.0882	(.0347)	DEC-1
2	.4199	(.1653)	68122312	.2058	(.0810)	.0981	(.0386)	.2303	(.0907)	.1232	(.0485)	2

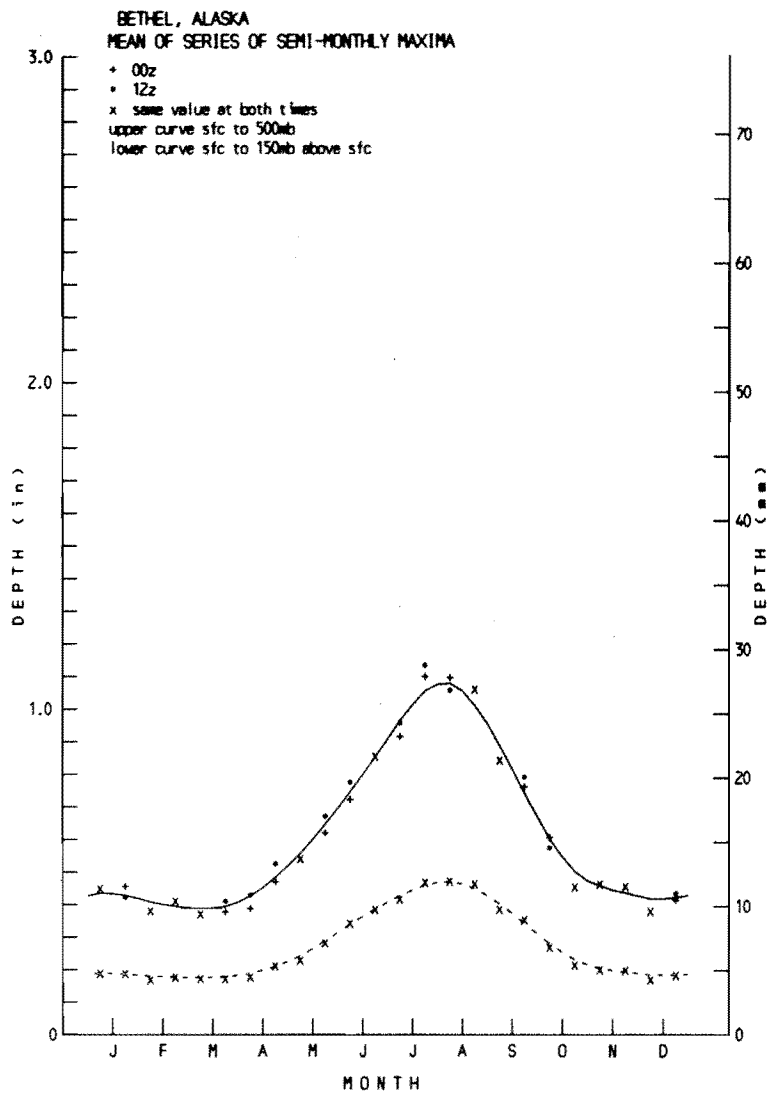

BARTER ISLAND, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


BARTER ISLAND, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

BARTER ISLAND, ALASKA 17 YEARS OF RECORD

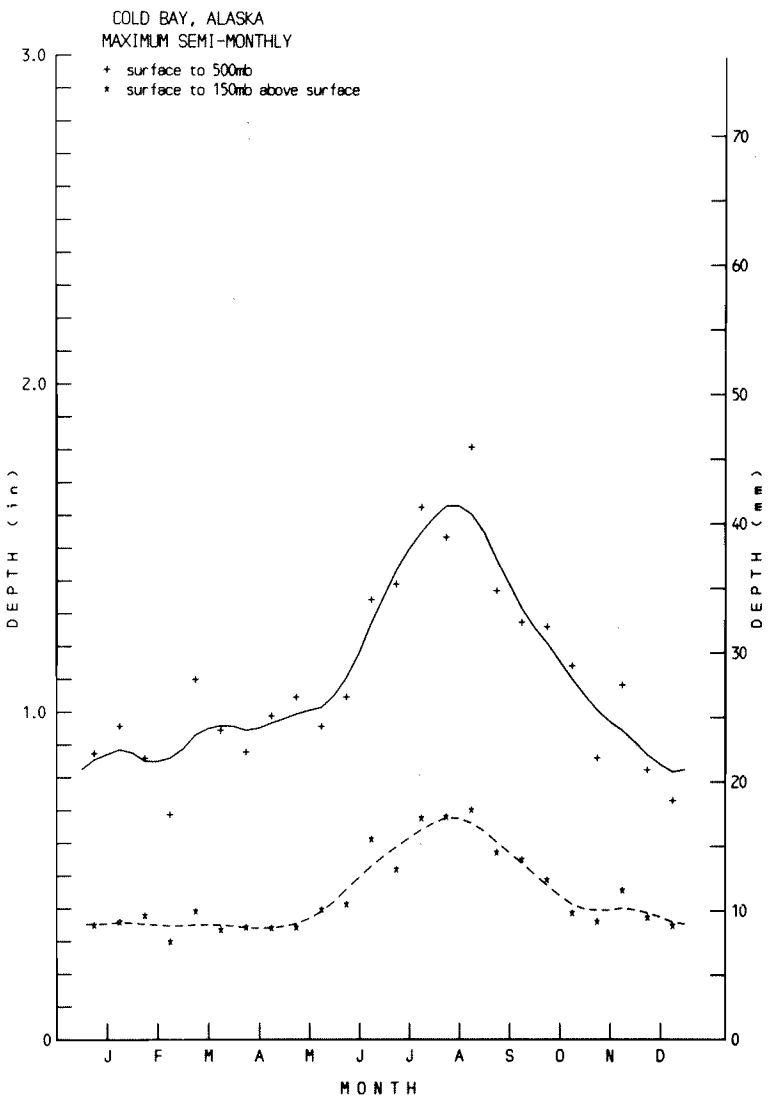
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.4084	(.5545)	68010300	.6654	(.2620)	.3568	(.1405)	.5764	(.2269)	.2939	(.1157)	JAN-1
2	1.8623	(.7332)	63011800	.7664	(.3017)	.3594	(.1415)	.7282	(.2867)	.3270	(.1287)	2
FEB-1	1.2228	(.4814)	60020112	.5628	(.2216)	.2217	(.0873)	.5797	(.2282)	.2621	(.1032)	FEB-1
2	1.1852	(.4666)	62022600	.5675	(.2234)	.2929	(.1153)	.5353	(.2107)	.2714	(.1069)	2
MAR-1	1.1245	(.4427)	67031512	.5899	(.2322)	.2366	(.0932)	.6374	(.2509)	.2549	(.1004)	MAR-1
2	1.2347	(.4861)	54032903	.6310	(.2484)	.2974	(.1171)	.6009	(.2366)	.1963	(.0773)	2
APR-1	1.0904	(.4293)	65041512	.6414	(.2525)	.2147	(.0845)	.6614	(.2604)	.2514	(.0990)	APR-1
2	1.4968	(.5893)	58042800	.8716	(.3432)	.2737	(.1078)	.9140	(.3599)	.2933	(.1155)	2
MAY-1	1.7551	(.6910)	57050703	1.0075	(.3967)	.2904	(.1143)	1.0365	(.4081)	.2124	(.0836)	MAY-1
2	1.9670	(.7744)	57052215	1.2472	(.4910)	.3048	(.1200)	1.2906	(.5081)	.2759	(.1086)	2
JUN-1	2.1161	(.8331)	65061112	1.6208	(.6381)	.2566	(.1010)	1.6925	(.6663)	.2434	(.0958)	JUN-1
2	2.7564	(1.0852)	58062312	1.9398	(.7637)	.3445	(.1356)	2.1072	(.8296)	.2873	(.1131)	2
JUL-1	2.9246	(1.1514)	54070303	2.1935	(.8636)	.3444	(.1356)	2.2596	(.8896)	.2594	(.1021)	JUL-1
2	3.7473	(1.4753)	55072203	2.3361	(.9197)	.4509	(.1775)	2.4876	(.9794)	.3376	(.1329)	2
AUG-1	3.1488	(1.2397)	60081112	2.0898	(.8227)	.3553	(.1399)	2.2622	(.8906)	.4422	(.1741)	AUG-1
2	2.7991	(1.1020)	57081600	2.0257	(.7975)	.3904	(.1537)	2.0848	(.8208)	.3660	(.1441)	2
SEP-1	2.1356	(.8408)	57090112	1.6309	(.6421)	.2860	(.1126)	1.6337	(.6432)	.2493	(.0982)	SEP-1
2	1.8468	(.7271)	59093012	1.3812	(.5438)	.2390	(.0941)	1.4021	(.5520)	.2743	(.1080)	2
OCT-1	1.9060	(.7504)	57100612	1.1249	(.4429)	.3204	(.1262)	1.0975	(.4321)	.3441	(.1355)	OCT-1
2	1.8052	(.7107)	57102212	.8852	(.3485)	.2772	(.1091)	.8679	(.3417)	.3119	(.1228)	2
NOV-1	1.3459	(.5299)	65110812	.7259	(.2858)	.2758	(.1086)	.7435	(.2927)	.2760	(.1086)	NOV-1
2	1.0803	(.4253)	66111712	.6386	(.2514)	.2092	(.0824)	.6596	(.2597)	.2263	(.0891)	2
DEC-1	1.0251	(.4036)	61121112	.6196	(.2440)	.2231	(.0878)	.6095	(.2400)	.1959	(.0771)	DEC-1
2	1.2720	(.5008)	67123000	.6071	(.2390)	.2946	(.1160)	.5500	(.2165)	.1956	(.0770)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.5184	(.2041)	68010300	.2411	(.0949)	.1363	(.0537)	.2039	(.0803)	.1098	(.0432)	JAN-1
2	.6680	(.2630)	63011800	.3066	(.1207)	.1494	(.0588)	.2897	(.1140)	.1433	(.0564)	2
FEB-1	.3909	(.1539)	68021100	.1962	(.0773)	.0824	(.0325)	.1690	(.0665)	.0693	(.0273)	FEB-1
2	.5784	(.2277)	62022600	.2314	(.0911)	.1431	(.0563)	.2001	(.0788)	.1092	(.0430)	2
MAR-1	.4778	(.1881)	67031512	.2308	(.0909)	.1143	(.0450)	.2429	(.0956)	.1299	(.0511)	MAR-1
2	.4999	(.1968)	65032400	.2501	(.0985)	.1287	(.0507)	.2344	(.0923)	.1005	(.0396)	2
APR-1	.4420	(.1740)	57041315	.2697	(.1062)	.1009	(.0397)	.2755	(.1084)	.1134	(.0446)	APR-1
2	.6208	(.2444)	58042800	.3608	(.1420)	.1192	(.0469)	.3578	(.1409)	.0992	(.0391)	2
MAY-1	.5733	(.2257)	55051515	.4328	(.1704)	.0834	(.0328)	.4491	(.1768)	.0636	(.0250)	MAY-1
2	.8136	(.3203)	54053103	.5357	(.2109)	.1220	(.0480)	.5589	(.2201)	.0875	(.0345)	2
JUN-1	1.0701	(.4213)	61060712	.6919	(.2724)	.0899	(.0354)	.7375	(.2904)	.1209	(.0476)	JUN-1
2	1.1560	(.4551)	55062615	.8235	(.3242)	.1377	(.0542)	.9037	(.3558)	.1450	(.0571)	2
JUL-1	1.2591	(.4957)	54070303	.9578	(.3771)	.1441	(.0567)	.9946	(.3916)	.1039	(.0409)	JUL-1
2	1.5776	(.6211)	55072215	1.0205	(.4018)	.1480	(.0583)	1.0933	(.4304)	.1639	(.0645)	2
AUG-1	1.3894	(.5470)	62081312	.9018	(.3551)	.1588	(.0625)	.9970	(.3925)	.1817	(.0715)	AUG-1
2	1.2248	(.4822)	57081612	.8985	(.3537)	.1999	(.0787)	.9257	(.3644)	.1648	(.0649)	2
SEP-1	.9434	(.3714)	57090112	.6976	(.2747)	.0848	(.0334)	.7285	(.2868)	.0980	(.0386)	SEP-1
2	.8151	(.3209)	54091703	.6270	(.2469)	.0880	(.0347)	.6166	(.2428)	.0969	(.0381)	2
OCT-1	.6543	(.2576)	59100200	.4836	(.1904)	.1219	(.0480)	.4695	(.1848)	.1090	(.0429)	OCT-1
2	.6731	(.2650)	57102312	.3650	(.1437)	.1063	(.0419)	.3738	(.1472)	.1186	(.0467)	2
NOV-1	.5448	(.2145)	65110800	.2967	(.1168)	.1122	(.0442)	.2902	(.1142)	.1175	(.0463)	NOV-1
2	.4707	(.1853)	56112903	.2445	(.0963)	.0946	(.0372)	.2562	(.1008)	.1037	(.0408)	2
DEC-1	.4285	(.1687)	61121200	.2374	(.0935)	.0921	(.0363)	.2285	(.0900)	.0864	(.0340)	DEC-1
2	.4671	(.1839)	67123000	.2224	(.0875)	.1187	(.0467)	.2153	(.0847)	.0949	(.0374)	2

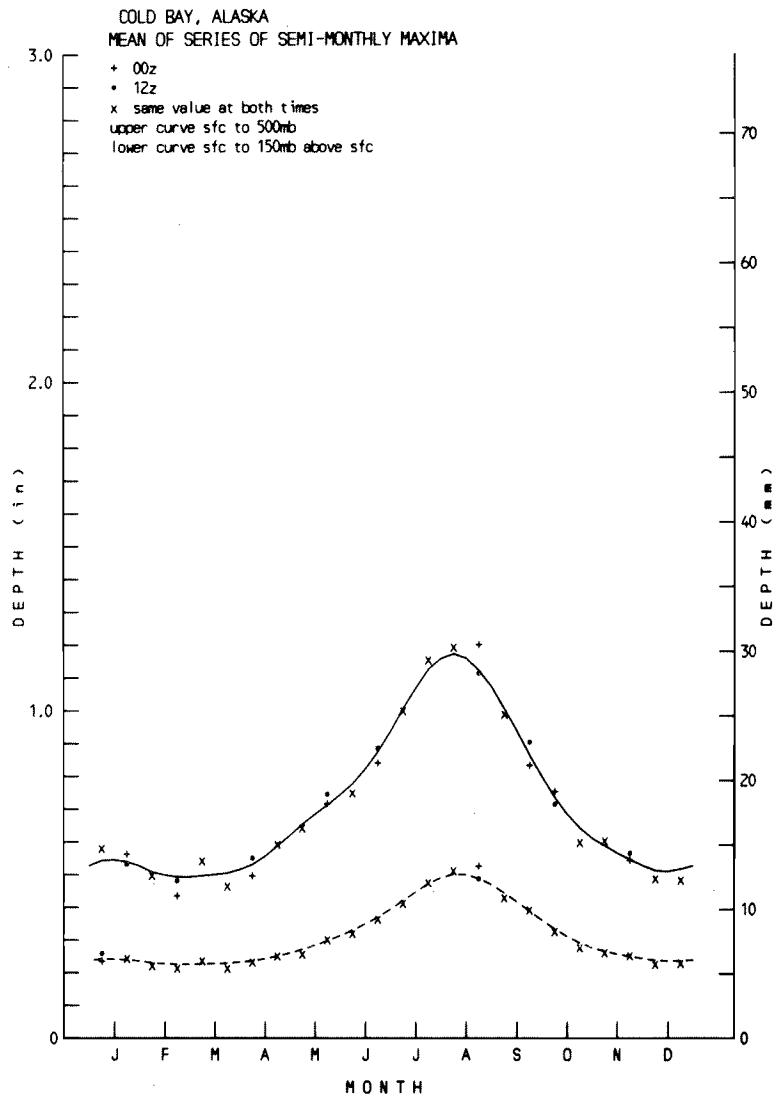

BETHEL, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


BETHEL, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

BETHEL, ALASKA 20 YEARS OF RECORD

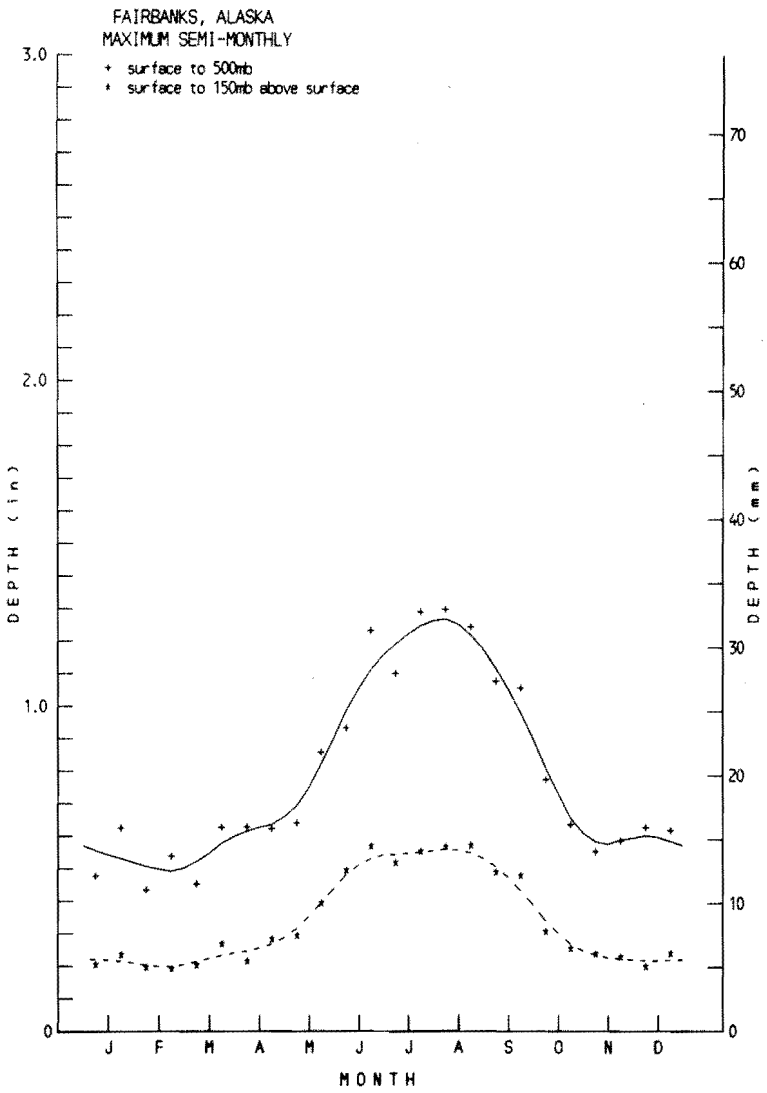
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.8799	(.7401)	63011512	1.1251	(.4429)	.3804	(.1498)	1.1713	(.4611)	.4010	(.1579)	JAN-1
2	2.0597	(.8109)	63012412	1.1522	(.4536)	.2987	(.1176)	1.0683	(.4206)	.3580	(.1409)	2
FEB-1	1.6932	(.6666)	58020300	.9741	(.3835)	.2738	(.1078)	.9745	(.3837)	.3168	(.1247)	FEB-1
2	1.9688	(.7751)	56022215	1.0393	(.4092)	.4286	(.1687)	1.0614	(.4179)	.3707	(.1460)	2
MAR-1	1.4691	(.5784)	55030515	.9321	(.3670)	.2377	(.0936)	.9690	(.3815)	.2680	(.1055)	MAR-1
2	1.9345	(.7616)	63032512	.9548	(.3759)	.2998	(.1180)	1.0367	(.4081)	.3728	(.1468)	2
APR-1	1.8303	(.7206)	65041512	.9809	(.3862)	.3227	(.1270)	1.0862	(.4277)	.3124	(.1230)	APR-1
2	2.0480	(.8063)	67041612	1.1886	(.4680)	.3155	(.1242)	1.3297	(.5235)	.3425	(.1348)	2
MAY-1	2.3792	(.9367)	63050600	1.3778	(.5424)	.3883	(.1529)	1.3871	(.5461)	.2853	(.1123)	MAY-1
2	2.1839	(.8598)	60052200	1.5708	(.6184)	.2319	(.0913)	1.7006	(.6695)	.2775	(.1092)	2
JUN-1	2.5057	(.9865)	57061212	1.8318	(.7212)	.3056	(.1203)	1.9689	(.7752)	.2860	(.1126)	JUN-1
2	2.8821	(1.1347)	63063000	2.1968	(.8649)	.4167	(.1641)	2.1661	(.8528)	.2898	(.1141)	2
JUL-1	3.0803	(1.2127)	56071303	2.3226	(.9144)	.3743	(.1474)	2.4304	(.9569)	.2389	(.0941)	JUL-1
2	3.8849	(1.5295)	61073012	2.7892	(1.0981)	.5298	(.2086)	2.8784	(1.1332)	.5403	(.2127)	2
AUG-1	4.1519	(1.6346)	56080603	2.7815	(1.0951)	.5196	(.2046)	2.6840	(1.0567)	.4339	(.1708)	AUG-1
2	3.8181	(1.5032)	63081700	2.6860	(1.0575)	.5950	(.2342)	2.7237	(1.0723)	.5353	(.2108)	2
SEP-1	2.9992	(1.1808)	65090912	2.1293	(.8383)	.4581	(.1804)	2.1746	(.8562)	.3566	(.1404)	SEP-1
2	3.1897	(1.2558)	54091603	1.9318	(.7605)	.5057	(.1991)	2.0065	(.7900)	.4597	(.1810)	2
OCT-1	2.6797	(1.0550)	63100600	1.5355	(.6045)	.4627	(.1822)	1.4552	(.5729)	.3646	(.1436)	OCT-1
2	1.8860	(.7425)	69102412	1.1769	(.4634)	.2907	(.1144)	1.1495	(.4525)	.2838	(.1117)	2
NOV-1	1.9710	(.7760)	65111112	1.1742	(.4623)	.2545	(.1002)	1.1952	(.4705)	.3138	(.1235)	NOV-1
2	2.1887	(.8617)	66111700	1.1639	(.4582)	.4454	(.1754)	1.1685	(.4600)	.3861	(.1520)	2
DEC-1	2.1245	(.8364)	61121000	.9878	(.3889)	.3725	(.1467)	.9543	(.3757)	.2406	(.0947)	DEC-1
2	1.7816	(.7014)	68121812	1.0449	(.4114)	.3172	(.1249)	1.0975	(.4321)	.3215	(.1266)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.7828	(.3082)	63011512	.4782	(.1883)	.1201	(.0473)	.4965	(.1955)	.1401	(.0551)	JAN-1
2	.7963	(.3135)	63012812	.4870	(.1917)	.1053	(.0414)	.4829	(.1901)	.1300	(.0512)	2
FEB-1	.7003	(.2757)	57020415	.4282	(.1686)	.1145	(.0451)	.4450	(.1752)	.1191	(.0469)	FEB-1
2	.7264	(.2860)	55022603	.4538	(.1787)	.1402	(.0552)	.4610	(.1815)	.1233	(.0485)	2
MAR-1	.6739	(.2653)	55030515	.4396	(.1731)	.1008	(.0397)	.4539	(.1787)	.1119	(.0440)	MAR-1
2	.7333	(.2887)	65032300	.4408	(.1736)	.1005	(.0396)	.4472	(.1761)	.1071	(.0421)	2
APR-1	.7656	(.3014)	65041512	.4409	(.1736)	.0915	(.0360)	.4765	(.1876)	.1169	(.0460)	APR-1
2	.7336	(.2888)	67041612	.5296	(.2085)	.0888	(.0350)	.5599	(.2204)	.0946	(.0372)	2
MAY-1	.9543	(.3757)	63050600	.5978	(.2353)	.1258	(.0495)	.5813	(.2289)	.0746	(.0294)	MAY-1
2	.9561	(.3764)	68051912	.7104	(.2797)	.0804	(.0317)	.7365	(.2900)	.0916	(.0361)	2
JUN-1	1.2469	(.4909)	57061300	.8716	(.3432)	.1576	(.0620)	.8854	(.3486)	.1363	(.0536)	JUN-1
2	1.2588	(.4956)	53062603	.9865	(.3884)	.1351	(.0532)	.9869	(.3886)	.0922	(.0363)	2
JUL-1	1.3653	(.5375)	51071403	1.0441	(.4110)	.1180	(.0465)	1.0884	(.4285)	.1036	(.0408)	JUL-1
2	1.5659	(.6165)	55072303	1.1975	(.4714)	.1627	(.0641)	1.2006	(.4727)	.1478	(.0582)	2
AUG-1	1.6835	(.6628)	56080603	1.2133	(.4777)	.1759	(.0692)	1.2049	(.4744)	.1423	(.0560)	AUG-1
2	1.5989	(.6295)	53082215	1.2087	(.4759)	.1857	(.0731)	1.1649	(.4586)	.1803	(.0710)	2
SEP-1	1.3886	(.5467)	56090903	.9913	(.3903)	.1803	(.0710)	.9873	(.3887)	.1394	(.0549)	SEP-1
2	1.3203	(.5198)	54091603	.9019	(.3551)	.1667	(.0656)	.9116	(.3589)	.1451	(.0571)	2
OCT-1	.9992	(.3934)	54100103	.7024	(.2765)	.1454	(.0572)	.6831	(.2689)	.1241	(.0488)	OCT-1
2	.7859	(.3094)	69102400	.5576	(.2195)	.1136	(.0447)	.5487	(.2160)	.1011	(.0398)	2
NOV-1	.6728	(.2649)	67111300	.5094	(.2005)	.1007	(.0396)	.5226	(.2058)	.1118	(.0440)	NOV-1
2	.7247	(.2853)	66112112	.5077	(.1999)	.1217	(.0479)	.5149	(.2027)	.1294	(.0510)	2
DEC-1	.7277	(.2865)	61121000	.4322	(.1701)	.1286	(.0506)	.4440	(.1748)	.0805	(.0317)	DEC-1
2	.6541	(.2575)	68121900	.4637	(.1826)	.1169	(.0460)	.4792	(.1887)	.1280	(.0504)	2

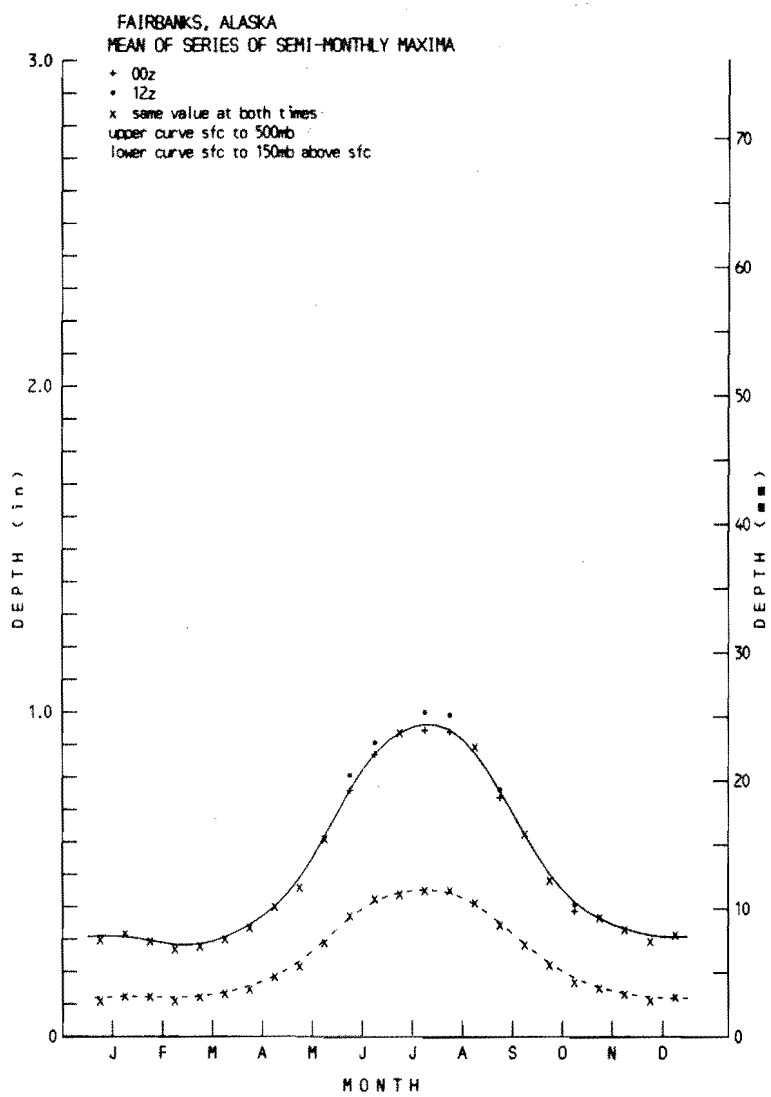

COLD BAY, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


COLD BAY, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

COLD BAY, ALASKA 18 YEARS OF RECORD

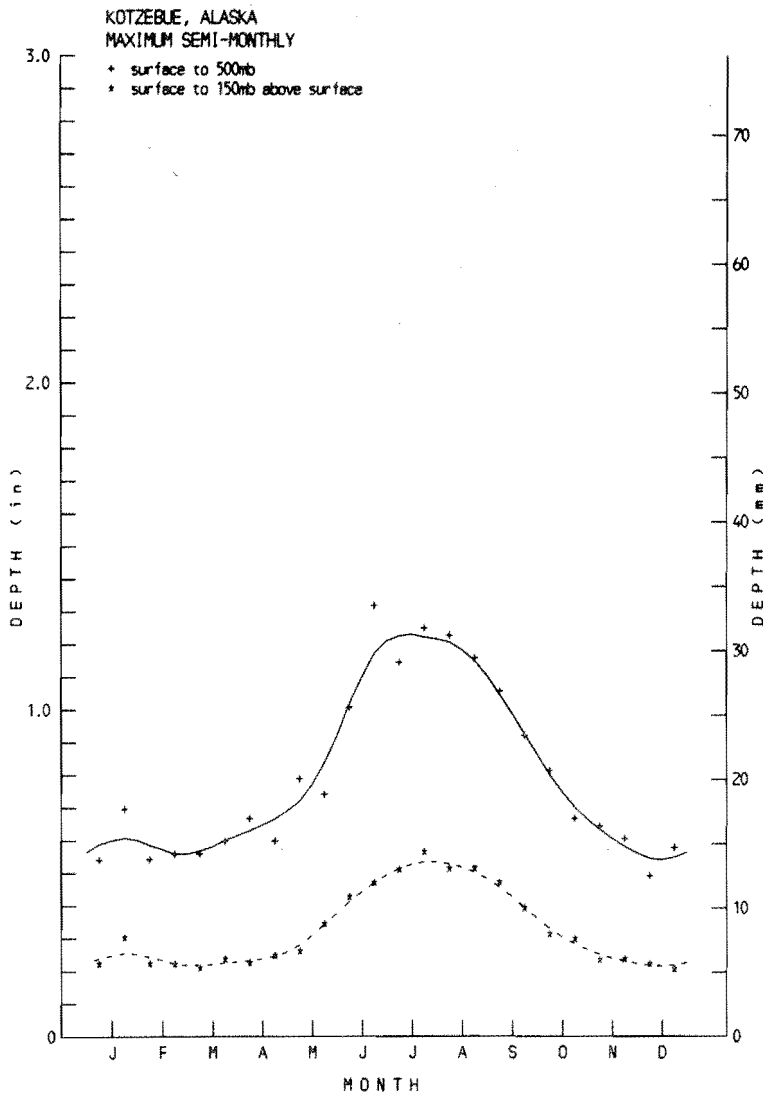
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.2161	(.8725)	57011015	1.4631	(.5760)	.2847	(.1121)	1.5020	(.5913)	.3915	(.1542)	JAN-1
2	2.4267	(.9554)	57012703	1.4264	(.5616)	.4379	(.1724)	1.3491	(.5311)	.2972	(.1170)	2
FEB-1	2.1814	(.8588)	56021503	1.2637	(.4975)	.5039	(.1984)	1.2837	(.5054)	.4343	(.1710)	FEB-1
2	1.7432	(.6863)	62022512	1.1033	(.4344)	.2704	(.1065)	1.2193	(.4800)	.3130	(.1232)	2
MAR-1	2.7910	(1.0988)	51030315	1.3848	(.5452)	.5051	(.1989)	1.3883	(.5466)	.5454	(.2147)	MAR-1
2	2.3965	(.9435)	67033112	1.1977	(.4715)	.4672	(.1839)	1.1831	(.4658)	.4248	(.1672)	2
APR-1	2.2294	(.8777)	67041012	1.2586	(.4955)	.3289	(.1295)	1.3979	(.5504)	.4214	(.1659)	APR-1
2	2.5088	(.9877)	61042112	1.5030	(.5917)	.3633	(.1430)	1.5269	(.6011)	.4337	(.1708)	2
MAY-1	2.6543	(1.0450)	66051300	1.6524	(.6505)	.4352	(.1713)	1.6299	(.6417)	.2858	(.1125)	MAY-1
2	2.4282	(.9560)	53053003	1.8191	(.7162)	.3095	(.1218)	1.8935	(.7455)	.3153	(.1242)	2
JUN-1	2.6561	(1.0457)	62060800	1.8910	(.7445)	.4350	(.1712)	1.9393	(.7635)	.3937	(.1550)	JUN-1
2	3.4107	(1.3428)	53062715	2.1367	(.8412)	.4915	(.1935)	2.2518	(.8865)	.5353	(.2107)	2
JUL-1	3.5301	(1.3898)	51071515	2.5347	(.9979)	.4503	(.1773)	2.5695	(1.0116)	.3836	(.1510)	JUL-1
2	4.1229	(1.6232)	67072212	2.9322	(1.1544)	.4410	(.1736)	2.9618	(1.1661)	.5715	(.2250)	2
AUG-1	3.8910	(1.5319)	69080512	3.0372	(1.1957)	.3455	(.1360)	3.0525	(1.2018)	.5477	(.2156)	AUG-1
2	4.5877	(1.8062)	53082703	3.0529	(1.2019)	.6840	(.2693)	2.8339	(1.1157)	.5346	(.2105)	2
SEP-1	3.4795	(1.3699)	56090703	2.5152	(.9902)	.5522	(.2174)	2.5343	(.9977)	.4777	(.1881)	SEP-1
2	3.2352	(1.2737)	65092112	2.1173	(.8336)	.5142	(.2024)	2.2974	(.9045)	.4907	(.1932)	2
OCT-1	3.1989	(1.2594)	63100600	1.9148	(.7538)	.5747	(.2263)	1.8174	(.7155)	.4671	(.1839)	OCT-1
2	2.8981	(1.1410)	61101600	1.5112	(.5950)	.4997	(.1967)	1.5511	(.6107)	.4204	(.1655)	2
NOV-1	2.1844	(.8600)	60110700	1.5342	(.6040)	.3349	(.1319)	1.5513	(.6107)	.2795	(.1100)	NOV-1
2	2.7493	(1.0824)	65112312	1.3808	(.5436)	.3965	(.1561)	1.4362	(.5654)	.4885	(.1923)	2
DEC-1	2.1377	(.8416)	61120800	1.2296	(.4841)	.2984	(.1175)	1.2668	(.4987)	.2691	(.1059)	DEC-1
2	1.8537	(.7298)	67122900	1.2236	(.4817)	.2594	(.1021)	1.2509	(.4925)	.2690	(.1059)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.8849	(.3484)	68010112	.5938	(.2338)	.0955	(.0376)	.6565	(.2584)	.1135	(.0447)	JAN-1
2	.9103	(.3584)	57012703	.6441	(.2536)	.1308	(.0515)	.6122	(.2410)	.0931	(.0367)	2
FEB-1	.9606	(.3782)	57020703	.5781	(.2276)	.1903	(.0749)	.5650	(.2224)	.1528	(.0602)	FEB-1
2	.7569	(.2980)	62022412	.5433	(.2139)	.1071	(.0422)	.5600	(.2205)	.1017	(.0400)	2
MAR-1	.9934	(.3911)	51030203	.6047	(.2381)	.1695	(.0667)	.6178	(.2432)	.1545	(.0608)	MAR-1
2	.8491	(.3343)	67033112	.5456	(.2148)	.1532	(.0603)	.5581	(.2197)	.1293	(.0509)	2
APR-1	.8692	(.3422)	67041000	.5790	(.2279)	.1099	(.0433)	.6242	(.2457)	.1257	(.0495)	APR-1
2	.8656	(.3408)	61042200	.6468	(.2546)	.0991	(.0390)	.6493	(.2556)	.1113	(.0438)	2
MAY-1	.8687	(.3420)	58050100	.6648	(.2617)	.1064	(.0419)	.6595	(.2596)	.0941	(.0370)	MAY-1
2	1.0069	(.3964)	64052400	.7827	(.3081)	.1007	(.0396)	.7695	(.3029)	.0942	(.0371)	2
JUN-1	1.0493	(.4131)	67060800	.8218	(.3235)	.1263	(.0497)	.8240	(.3244)	.1141	(.0449)	JUN-1
2	1.5547	(.6121)	53062715	.9243	(.3639)	.1941	(.0764)	.9474	(.3730)	.2233	(.0879)	2
JUL-1	1.3211	(.5201)	63071500	1.0451	(.4115)	.1464	(.0576)	1.0677	(.4203)	.1328	(.0523)	JUL-1
2	1.7181	(.6764)	67072212	1.2017	(.4731)	.1746	(.0687)	1.2387	(.4877)	.2383	(.0938)	2
AUG-1	1.7287	(.6806)	69080512	1.3348	(.5255)	.1879	(.0740)	1.2894	(.5076)	.1963	(.0773)	AUG-1
2	1.7813	(.7013)	53082203	1.3358	(.5259)	.2028	(.0798)	1.2371	(.4870)	.2203	(.0867)	2
SEP-1	1.4529	(.5720)	60090100	1.0926	(.4302)	.1717	(.0676)	1.1081	(.4362)	.1644	(.0647)	SEP-1
2	1.3965	(.5498)	51092203	1.0120	(.3984)	.2024	(.0797)	1.0015	(.3943)	.1422	(.0560)	2
OCT-1	1.2380	(.4874)	63100600	.8404	(.3309)	.1852	(.0729)	.8407	(.3310)	.1288	(.0507)	OCT-1
2	.9817	(.3865)	64102612	.7136	(.2809)	.1252	(.0493)	.7159	(.2819)	.1250	(.0492)	2
NOV-1	.9149	(.3602)	65111400	.6732	(.2650)	.1093	(.0430)	.6767	(.2664)	.0989	(.0389)	NOV-1
2	1.1582	(.4560)	65112312	.6311	(.2485)	.1123	(.0442)	.6728	(.2649)	.1669	(.0657)	2
DEC-1	.9456	(.3723)	61120800	.5729	(.2255)	.1119	(.0440)	.5962	(.2347)	.0994	(.0391)	DEC-1
2	.8839	(.3480)	67122900	.5918	(.2330)	.1079	(.0425)	.5904	(.2324)	.0814	(.0320)	2

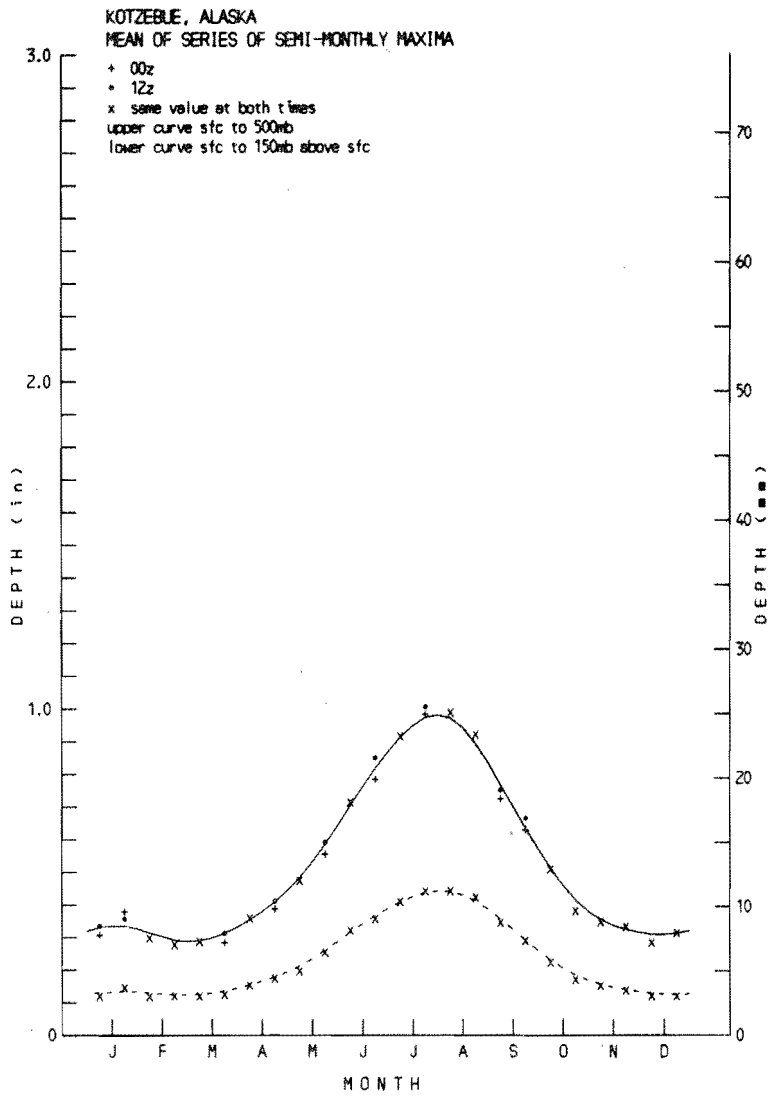

FAIRBANKS, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


FAIRBANKS, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

FAIRBANKS, ALASKA 20 YEARS OF RECORD

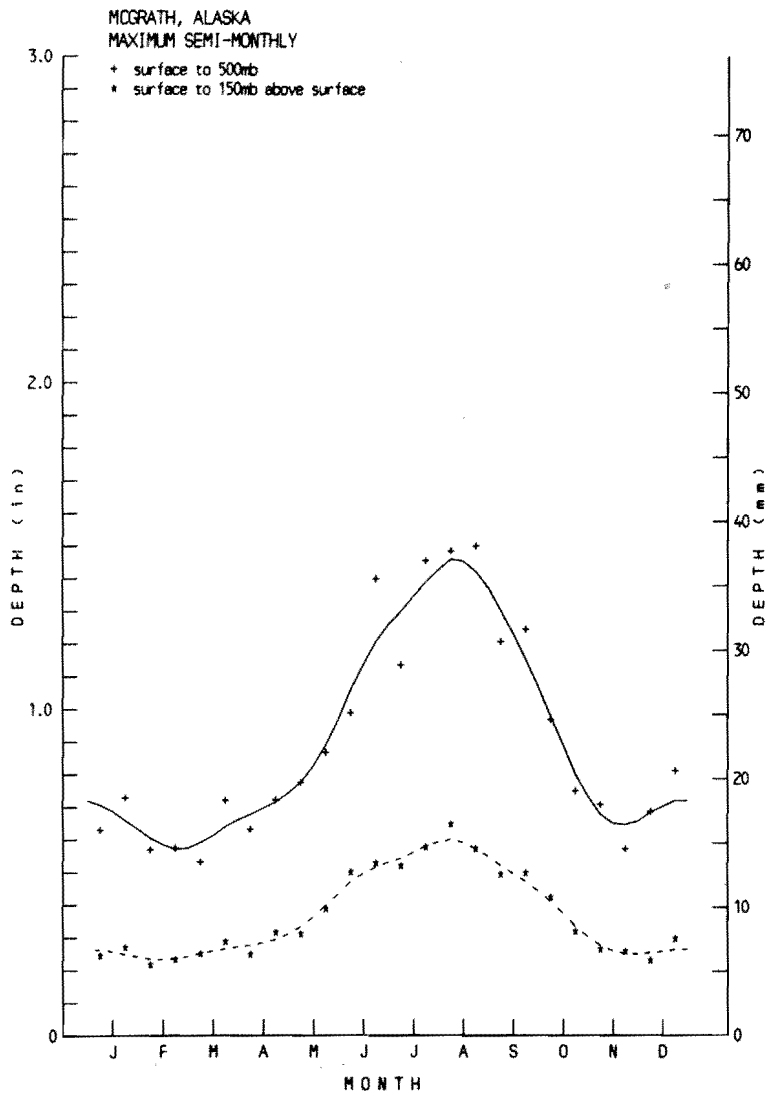
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.2090	(.4760)	57011203	.7454	(.2934)	.2242	(.0883)	.7837	(.3085)	.2509	(.0988)	JAN-1
2	1.5839	(.6236)	63012000	.8170	(.3216)	.3104	(.1222)	.8122	(.3198)	.2900	(.1142)	2
FEB-1	1.1001	(.4331)	68020912	.7509	(.2956)	.1933	(.0761)	.7599	(.2992)	.2060	(.0811)	FEB-1
2	1.3663	(.5379)	62022600	.6808	(.2680)	.2555	(.1006)	.7014	(.2761)	.2152	(.0847)	2
MAR-1	1.1468	(.4515)	67030500	.7057	(.2778)	.2532	(.0997)	.7241	(.2851)	.2517	(.0991)	MAR-1
2	1.5903	(.6261)	65032312	.7633	(.3005)	.2047	(.0806)	.7819	(.3078)	.2711	(.1067)	2
APR-1	1.5931	(.6272)	65041512	.8375	(.3297)	.2239	(.0882)	.8810	(.3469)	.2469	(.0972)	APR-1
2	1.5799	(.6220)	63043012	1.0010	(.3941)	.2929	(.1153)	1.0494	(.4131)	.2570	(.1012)	2
MAY-1	1.6246	(.6396)	68051200	1.1565	(.4553)	.2214	(.0872)	1.1946	(.4703)	.2135	(.0841)	MAY-1
2	2.1770	(.8571)	61052500	1.5304	(.6025)	.3317	(.1306)	1.5763	(.6206)	.2362	(.0930)	2
JUN-1	2.3685	(.9325)	62061412	1.9213	(.7564)	.2792	(.1099)	2.0413	(.8037)	.1929	(.0760)	JUN-1
2	3.1285	(1.2317)	53062503	2.2036	(.8675)	.3552	(.1398)	2.2962	(.9040)	.1981	(.0780)	2
JUL-1	2.7945	(1.1002)	51070603	2.3814	(.9376)	.2201	(.0867)	2.3926	(.9420)	.1918	(.0755)	JUL-1
2	3.2746	(1.2892)	61073100	2.3926	(.9420)	.4005	(.1577)	2.5336	(.9975)	.2441	(.0961)	2
AUG-1	3.2936	(1.2967)	50081215	2.3795	(.9368)	.2741	(.1079)	2.5113	(.9887)	.3217	(.1267)	AUG-1
2	3.1582	(1.2434)	51082803	2.2917	(.9022)	.4705	(.1852)	2.2594	(.8895)	.3600	(.1417)	2
SEP-1	2.7343	(1.0765)	56091215	1.8678	(.7353)	.2459	(.0968)	1.9294	(.7596)	.2981	(.1173)	SEP-1
2	2.6810	(1.0555)	54091615	1.5816	(.6227)	.4019	(.1582)	1.6097	(.6337)	.3529	(.1389)	2
OCT-1	1.9677	(.7747)	63100612	1.2170	(.4791)	.1790	(.0705)	1.2484	(.4915)	.2490	(.0981)	OCT-1
2	1.6126	(.6349)	57102212	.9784	(.3852)	.1752	(.0690)	1.0304	(.4057)	.2079	(.0819)	2
NOV-1	1.4036	(.5526)	65111500	.9405	(.3703)	.2316	(.0912)	.9415	(.3707)	.2038	(.0802)	NOV-1
2	1.4851	(.5847)	66111712	.8566	(.3373)	.2731	(.1075)	.8395	(.3305)	.2744	(.1080)	2
DEC-1	1.5903	(.6261)	61121012	.7481	(.2945)	.2132	(.0839)	.7584	(.2986)	.3067	(.1207)	DEC-1
2	1.5672	(.6170)	67123000	.8052	(.3170)	.3218	(.1267)	.8040	(.3165)	.2648	(.1043)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.5171	(.2036)	68010300	.2853	(.1123)	.1058	(.0416)	.2881	(.1134)	.1145	(.0451)	JAN-1
2	.5949	(.2342)	63011800	.3193	(.1257)	.1231	(.0485)	.3287	(.1294)	.1341	(.0528)	2
FEB-1	.4961	(.1953)	54020603	.3250	(.1279)	.0812	(.0320)	.3194	(.1257)	.0863	(.0340)	FEB-1
2	.4839	(.1905)	62022600	.2876	(.1132)	.1060	(.0417)	.2851	(.1123)	.1094	(.0431)	2
MAR-1	.5128	(.2019)	67030500	.3178	(.1251)	.1277	(.0503)	.3207	(.1263)	.1381	(.0544)	MAR-1
2	.6792	(.2674)	65032312	.3414	(.1344)	.0805	(.0317)	.3480	(.1370)	.1115	(.0439)	2
APR-1	.5443	(.2143)	67040512	.3726	(.1467)	.0708	(.0279)	.3880	(.1528)	.0706	(.0278)	APR-1
2	.7163	(.2820)	63043012	.4707	(.1853)	.0977	(.0385)	.4838	(.1905)	.1042	(.0410)	2
MAY-1	.7440	(.2929)	57050903	.5581	(.2197)	.0880	(.0347)	.5594	(.2202)	.0737	(.0290)	MAY-1
2	.9985	(.3931)	61052500	.7346	(.2892)	.1267	(.0499)	.7524	(.2962)	.0781	(.0307)	2
JUN-1	1.2558	(.4944)	57061400	.9486	(.3734)	.1583	(.0623)	.9582	(.3772)	.1040	(.0409)	JUN-1
2	1.4442	(.5686)	50062103	1.0841	(.4268)	.1628	(.0641)	1.0906	(.4294)	.1000	(.0394)	2
JUL-1	1.3150	(.5177)	51070603	1.1252	(.4430)	.1186	(.0467)	1.1212	(.4414)	.0983	(.0387)	JUL-1
2	1.4036	(.5526)	62072912	1.1387	(.4483)	.1481	(.0583)	1.1699	(.4606)	.1250	(.0492)	2
AUG-1	1.4397	(.5668)	50081215	1.1402	(.4489)	.1174	(.0462)	1.1642	(.4583)	.1482	(.0584)	AUG-1
2	1.4516	(.5715)	51082803	1.0711	(.4217)	.1923	(.0757)	1.0442	(.4111)	.1522	(.0599)	2
SEP-1	1.2431	(.4894)	56091215	.8719	(.3433)	.1125	(.0443)	.8922	(.3513)	.1299	(.0511)	SEP-1
2	1.2144	(.4781)	54091703	.7332	(.2887)	.1502	(.0591)	.7234	(.2848)	.1268	(.0499)	2
OCT-1	.7793	(.3068)	63100112	.5667	(.2231)	.0845	(.0333)	.5696	(.2242)	.0923	(.0363)	OCT-1
2	.6454	(.2541)	57102012	.4323	(.1702)	.0785	(.0309)	.4340	(.1709)	.0773	(.0304)	2
NOV-1	.6043	(.2379)	54110103	.3871	(.1524)	.1171	(.0461)	.3918	(.1542)	.1087	(.0428)	NOV-1
2	.5786	(.2278)	64111900	.3473	(.1367)	.1183	(.0466)	.3384	(.1332)	.1230	(.0484)	2
DEC-1	.5039	(.1984)	61121012	.2820	(.1110)	.0926	(.0365)	.2984	(.1175)	.1124	(.0443)	DEC-1
2	.6060	(.2386)	67123000	.3155	(.1242)	.1355	(.0533)	.3219	(.1267)	.1162	(.0458)	2

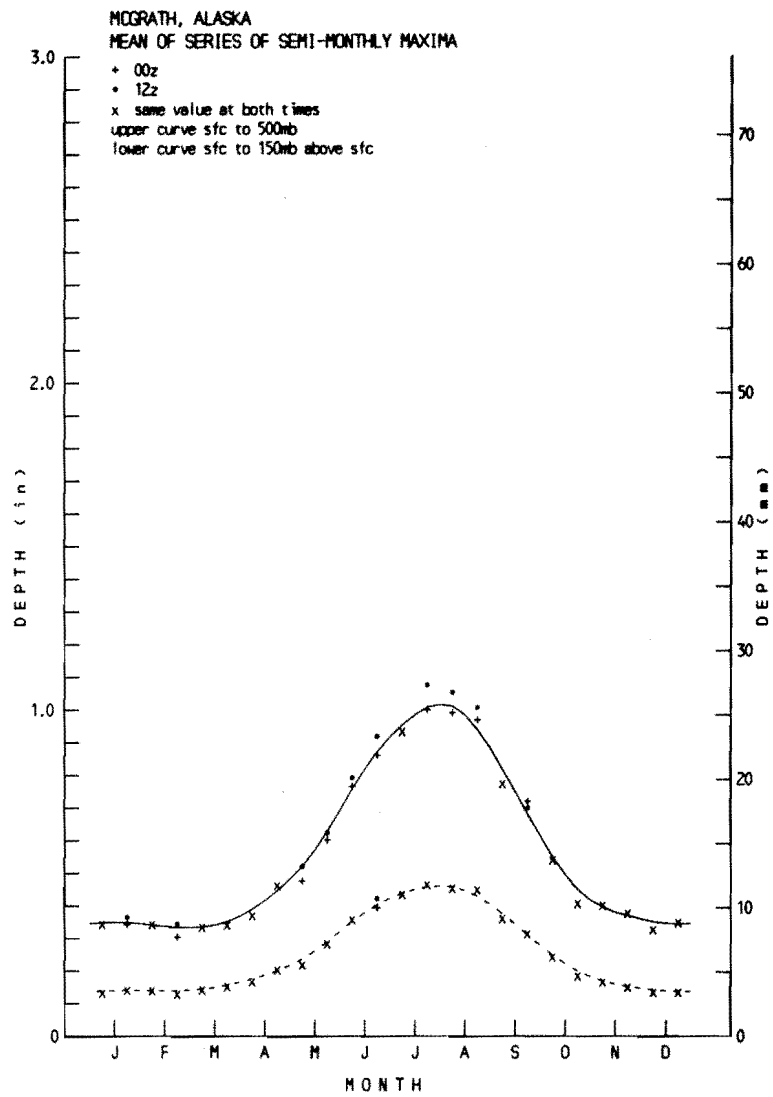

KOTZEBUE, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


KOTZEBUE, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

KOTZEBUE, ALASKA 20 YEARS OF RECORD

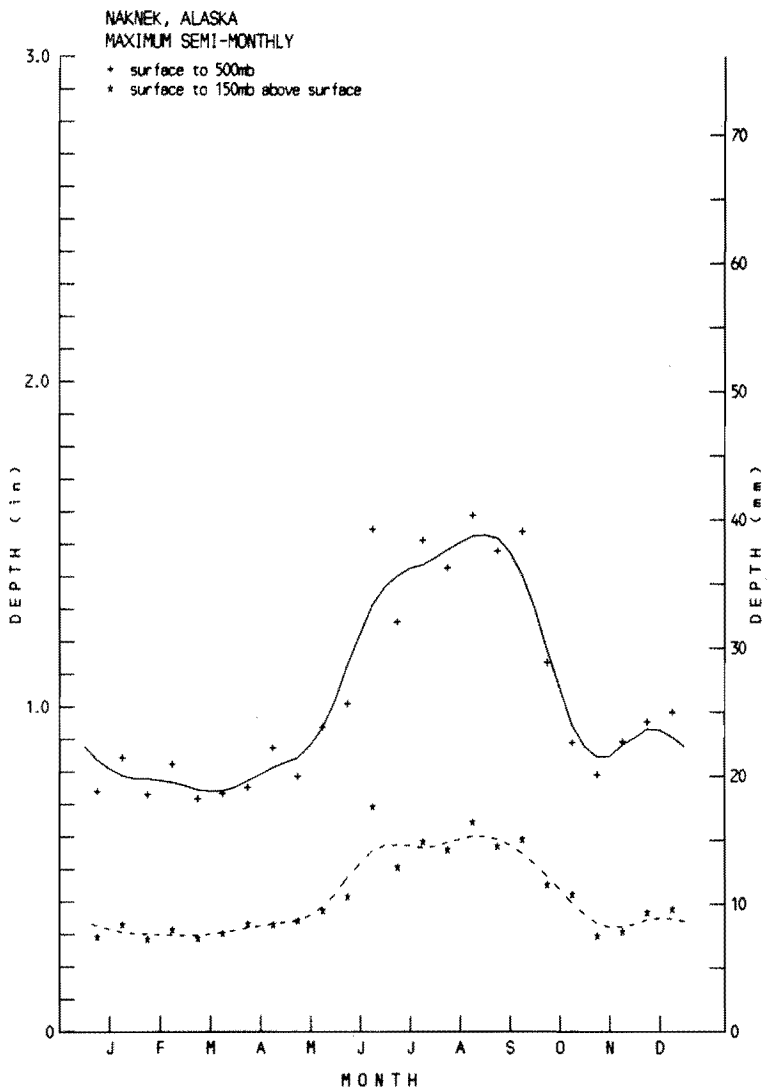
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.3691	(.5390)	63011512	.7755	(.3053)	.2179	(.0858)	.8490	(.3343)	.3057	(.1203)	JAN-1
2	1.7648	(.6948)	63011712	.9584	(.3773)	.3550	(.1398)	.9027	(.3554)	.3429	(.1350)	2
FEB-1	1.3757	(.5416)	57020203	.7784	(.3065)	.2497	(.0983)	.7544	(.2970)	.2404	(.0947)	FEB-1
2	1.4163	(.5576)	57021903	.7321	(.2882)	.3336	(.1314)	.6954	(.2738)	.2509	(.0988)	2
MAR-1	1.4186	(.5585)	67031512	.7408	(.2916)	.2448	(.0964)	.7422	(.2922)	.2622	(.1032)	MAR-1
2	1.5156	(.5967)	65032412	.7169	(.2822)	.2319	(.0913)	.7917	(.3117)	.2508	(.0987)	2
APR-1	1.6914	(.6659)	65041512	.9010	(.3547)	.2639	(.1039)	.9450	(.3721)	.2693	(.1060)	APR-1
2	1.5184	(.5978)	58042712	.9799	(.3858)	.2722	(.1072)	1.0410	(.4099)	.2488	(.0920)	2
MAY-1	2.0028	(.7885)	68051112	1.1998	(.4724)	.2525	(.0994)	1.2280	(.4835)	.3500	(.1378)	MAY-1
2	1.8824	(.7411)	61052600	1.4051	(.5532)	.2734	(.1076)	1.4989	(.5901)	.2136	(.0841)	2
JUN-1	2.5596	(1.0077)	57060412	1.8273	(.7194)	.3521	(.1386)	1.8210	(.7169)	.3355	(.1321)	JUN-1
2	3.3482	(1.3182)	53062503	1.9866	(.7821)	.4652	(.1832)	2.1546	(.8483)	.3969	(.1562)	2
JUL-1	2.9065	(1.1443)	56070715	2.3296	(.9172)	.2856	(.1125)	2.3444	(.9230)	.2976	(.1172)	JUL-1
2	3.1737	(1.2495)	55072215	2.4930	(.9815)	.4032	(.1587)	2.5530	(1.0051)	.3339	(.1314)	2
AUG-1	3.1173	(1.2273)	60081100	2.5258	(.9944)	.3217	(.1267)	2.5175	(.9911)	.2459	(.0968)	AUG-1
2	2.9411	(1.1579)	59082700	2.3730	(.9342)	.3337	(.1314)	2.3267	(.9160)	.2989	(.1177)	2
SEP-1	2.6850	(1.0571)	65091012	1.8363	(.7229)	.3876	(.1526)	1.9059	(.7503)	.3678	(.1448)	SEP-1
2	2.3376	(.9203)	67091912	1.5935	(.6274)	.3836	(.1510)	1.6832	(.6627)	.3645	(.1435)	2
OCT-1	2.0660	(.8134)	57100512	1.2997	(.5117)	.3325	(.1309)	1.3065	(.5144)	.3402	(.1339)	OCT-1
2	1.6932	(.6666)	69102600	.9756	(.3841)	.2405	(.0947)	.9776	(.3849)	.2465	(.0970)	2
NOV-1	1.6332	(.6430)	65111412	.8838	(.3479)	.2548	(.1003)	.8993	(.3540)	.2975	(.1171)	NOV-1
2	1.5352	(.6044)	50112715	.8462	(.3332)	.2739	(.1078)	.8631	(.3398)	.2859	(.1126)	2
DEC-1	1.2469	(.4909)	60121000	.7220	(.2843)	.3126	(.1231)	.7403	(.2915)	.2852	(.1123)	DEC-1
2	1.4671	(.5776)	67122912	.7965	(.3136)	.3331	(.1311)	.8163	(.3214)	.3574	(.1407)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.5616	(.2211)	68010212	.2979	(.1173)	.1105	(.0435)	.3279	(.1291)	.1387	(.0546)	JAN-1
2	.7661	(.3016)	63011712	.3892	(.1532)	.1515	(.0596)	.3671	(.1445)	.1552	(.0611)	2
FEB-1	.5636	(.2219)	68021412	.3201	(.1260)	.1033	(.0407)	.3000	(.1181)	.1137	(.0448)	FEB-1
2	.5588	(.2200)	62022500	.3188	(.1255)	.1318	(.0519)	.3094	(.1218)	.1111	(.0438)	2
MAR-1	.5304	(.2088)	67031512	.3135	(.1234)	.1187	(.0467)	.3158	(.1243)	.1304	(.0513)	MAR-1
2	.5992	(.2359)	65032212	.3165	(.1246)	.0852	(.0335)	.3353	(.1320)	.0999	(.0393)	2
APR-1	.5690	(.2240)	65041512	.3965	(.1561)	.0930	(.0366)	.4036	(.1589)	.0888	(.0350)	APR-1
2	.6264	(.2466)	58042712	.4434	(.1745)	.0906	(.0357)	.4642	(.1828)	.0904	(.0356)	2
MAY-1	.6604	(.2600)	57050615	.5166	(.2034)	.0924	(.0364)	.5061	(.1993)	.1092	(.0430)	MAY-1
2	.8740	(.3441)	61052600	.6439	(.2535)	.1062	(.0418)	.6655	(.2620)	.0946	(.0372)	2
JUN-1	1.0846	(.4270)	57061212	.8189	(.3224)	.1236	(.0487)	.8338	(.3283)	.1363	(.0537)	JUN-1
2	1.1941	(.4701)	62061912	.9012	(.3548)	.1275	(.0502)	.9330	(.3673)	.1298	(.0511)	2
JUL-1	1.2979	(.5110)	51071515	1.0417	(.4101)	.1182	(.0465)	1.0580	(.4165)	.1361	(.0536)	JUL-1
2	1.4341	(.5646)	55072315	1.1239	(.4425)	.1243	(.0489)	1.1408	(.4491)	.1437	(.0566)	2
AUG-1	1.3043	(.5135)	53080103	1.1398	(.4487)	.1082	(.0426)	1.1278	(.4440)	.0923	(.0363)	AUG-1
2	1.3091	(.5154)	50082403	1.0821	(.4260)	.1399	(.0551)	1.0858	(.4275)	.1286	(.0506)	2
SEP-1	1.1976	(.4715)	56090915	.8840	(.3480)	.1450	(.0571)	.8925	(.3514)	.1330	(.0523)	SEP-1
2	.9972	(.3926)	67091912	.7333	(.2887)	.1182	(.0465)	.7587	(.2987)	.1179	(.0464)	2
OCT-1	.7922	(.3119)	50100103	.5863	(.2308)	.1346	(.0530)	.5660	(.2228)	.1228	(.0483)	OCT-1
2	.7572	(.2981)	69102600	.4438	(.1747)	.1120	(.0441)	.4416	(.1738)	.1129	(.0445)	2
NOV-1	.5936	(.2337)	51110203	.3908	(.1539)	.1114	(.0439)	.3991	(.1571)	.1170	(.0460)	NOV-1
2	.5982	(.2355)	50112715	.3622	(.1426)	.1032	(.0406)	.3603	(.1418)	.1179	(.0464)	2
DEC-1	.5588	(.2200)	60121000	.3139	(.1236)	.1345	(.0529)	.3169	(.1248)	.1131	(.0445)	DEC-1
2	.5217	(.2054)	67122900	.3129	(.1232)	.1289	(.0507)	.3125	(.1230)	.1362	(.0536)	2

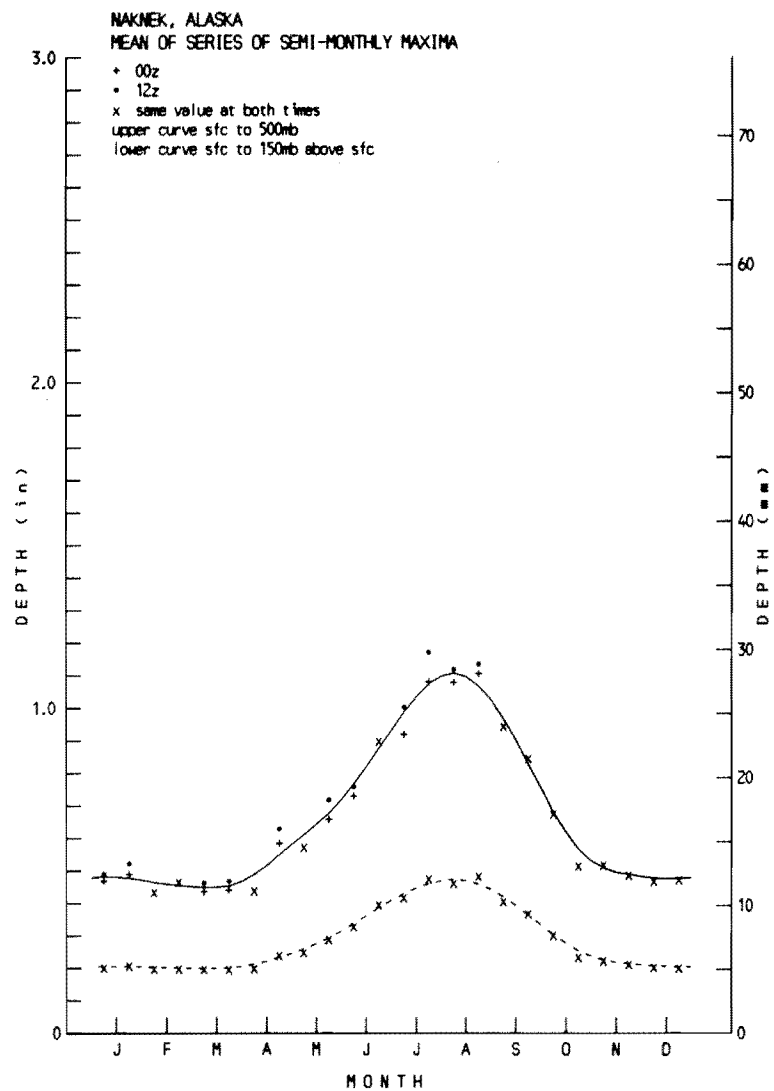

MCGRATH, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


MCGRATH, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

MCGRATH, ALASKA 20 YEARS OF RECORD

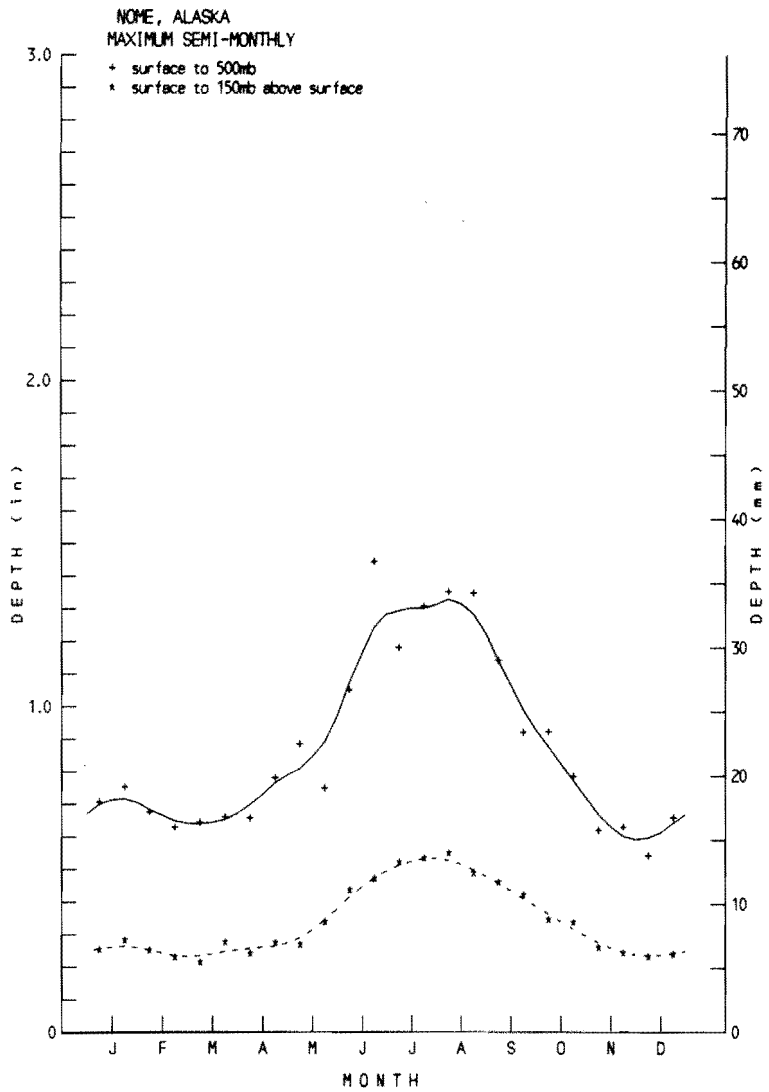
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.5966	(.6286)	68010200	.8747	(.3444)	.2948	(.1161)	.8872	(.3493)	.2698	(.1062)	JAN-1
2	1.8484	(.7277)	63011612	.8673	(.3414)	.3195	(.1258)	.9243	(.3639)	.3707	(.1460)	2
FEB-1	1.4455	(.5691)	57020403	.8652	(.3406)	.3061	(.1205)	.8949	(.3523)	.2683	(.1056)	FEB-1
2	1.4582	(.5741)	62022512	.7674	(.3021)	.2501	(.0985)	.8688	(.3421)	.3324	(.1309)	2
MAR-1	1.3503	(.5316)	67030412	.8589	(.3381)	.3468	(.1365)	.8567	(.3373)	.3268	(.1287)	MAR-1
2	1.8283	(.7198)	65032312	.8539	(.3362)	.3104	(.1222)	.8926	(.3514)	.3233	(.1273)	2
APR-1	1.6022	(.6308)	65041512	.9328	(.3672)	.2565	(.1010)	.9638	(.3794)	.2556	(.1006)	APR-1
2	1.8326	(.7215)	51041615	1.1667	(.4593)	.2557	(.1007)	1.1988	(.4720)	.2956	(.1164)	2
MAY-1	1.9662	(.7741)	63050612	1.2045	(.4742)	.2082	(.0820)	1.3199	(.5197)	.2517	(.0991)	MAY-1
2	2.2001	(.8662)	60052612	1.5257	(.6007)	.2123	(.0836)	1.5811	(.6225)	.2403	(.0946)	2
JUN-1	2.5090	(.9878)	58060712	1.9434	(.7651)	.2967	(.1168)	2.0101	(.7914)	.2765	(.1089)	JUN-1
2	3.5499	(1.3976)	53062503	2.1832	(.8595)	.4773	(.1879)	2.3317	(.9180)	.3672	(.1446)	2
JUL-1	2.8809	(1.1342)	51070515	2.3586	(.9286)	.2525	(.0994)	2.4071	(.9477)	.2438	(.0960)	JUL-1
2	3.6924	(1.4537)	61073012	2.5396	(.9998)	.3919	(.1543)	2.7327	(1.0759)	.4412	(.1737)	2
AUG-1	3.7656	(1.4825)	50081203	2.5157	(.9904)	.4675	(.1841)	2.6763	(1.0537)	.3483	(.1371)	AUG-1
2	3.8054	(1.4982)	63081712	2.4594	(.9683)	.4826	(.1900)	2.5556	(1.0061)	.5354	(.2108)	2
SEP-1	3.0643	(1.2064)	65090512	1.9860	(.7819)	.3771	(.1485)	1.9650	(.7736)	.4028	(.1586)	SEP-1
2	3.1595	(1.2439)	54093003	1.8260	(.7189)	.4715	(.1856)	1.7728	(.6980)	.5060	(.1992)	2
OCT-1	2.4582	(.9678)	63100612	1.4061	(.5536)	.3376	(.1329)	1.3560	(.5338)	.3674	(.1447)	OCT-1
2	1.9032	(.7493)	57102200	1.0365	(.4081)	.2660	(.1047)	1.0464	(.4120)	.2539	(.1000)	2
NOV-1	1.7978	(.7078)	65111412	1.0525	(.4144)	.2850	(.1122)	1.0041	(.3953)	.3322	(.1308)	NOV-1
2	1.4506	(.5711)	66112200	.9845	(.3876)	.3210	(.1264)	.9471	(.3729)	.2970	(.1169)	2
DEC-1	1.7389	(.6846)	61121000	.8617	(.3393)	.3340	(.1315)	.8149	(.3208)	.2992	(.1178)	DEC-1
2	2.0587	(.8105)	67122912	.8775	(.3455)	.3422	(.1347)	.9084	(.3576)	.3841	(.1512)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.6195	(.2439)	63011512	.3373	(.1328)	.1128	(.0444)	.3507	(.1381)	.1030	(.0406)	JAN-1
2	.6835	(.2691)	57012903	.3786	(.1491)	.1445	(.0569)	.3534	(.1391)	.1244	(.0490)	2
FEB-1	.5499	(.2165)	68021412	.3681	(.1449)	.1044	(.0411)	.3600	(.1417)	.0886	(.0349)	FEB-1
2	.5906	(.2325)	68022812	.3308	(.1302)	.1267	(.0499)	.3384	(.1332)	.1267	(.0499)	2
MAR-1	.6340	(.2496)	55030603	.3708	(.1460)	.1693	(.0667)	.3647	(.1436)	.1560	(.0614)	MAR-1
2	.7292	(.2871)	65032300	.3890	(.1531)	.1202	(.0473)	.4000	(.1575)	.1147	(.0452)	2
APR-1	.6287	(.2475)	67040200	.4346	(.1711)	.0919	(.0362)	.4340	(.1708)	.0831	(.0327)	APR-1
2	.8001	(.3150)	53043015	.5119	(.2015)	.0868	(.0342)	.5369	(.2114)	.1051	(.0414)	2
MAY-1	.7866	(.3097)	53050115	.5521	(.2174)	.0857	(.0337)	.5742	(.2261)	.0880	(.0347)	MAY-1
2	.9827	(.3869)	60052212	.7280	(.2866)	.0928	(.0365)	.7332	(.2887)	.1018	(.0401)	2
JUN-1	1.2700	(.5000)	57061400	.9161	(.3607)	.1327	(.0522)	.9179	(.3614)	.1403	(.0552)	JUN-1
2	1.3396	(.5274)	69062412	.9980	(.3929)	.1565	(.0616)	1.0687	(.4207)	.1381	(.0544)	2
JUL-1	1.3185	(.5191)	50070903	1.1095	(.4368)	.1186	(.0467)	1.1157	(.4392)	.0926	(.0365)	JUL-1
2	1.4656	(.5770)	50072503	1.1707	(.4609)	.1514	(.0596)	1.2096	(.4762)	.1352	(.0532)	2
AUG-1	1.6444	(.6474)	50081203	1.1544	(.4545)	.1793	(.0706)	1.1658	(.4590)	.1253	(.0493)	AUG-1
2	1.4521	(.5717)	63081712	1.1473	(.4517)	.1827	(.0719)	1.1504	(.4529)	.2026	(.0798)	2
SEP-1	1.2532	(.4934)	65090512	.9371	(.3689)	.1495	(.0589)	.9133	(.3596)	.1343	(.0529)	SEP-1
2	1.2639	(.4976)	54093003	.8230	(.3240)	.1676	(.0660)	.7886	(.3105)	.1698	(.0669)	2
OCT-1	1.0726	(.4223)	54100103	.6313	(.2485)	.1448	(.0570)	.6163	(.2426)	.1423	(.0560)	OCT-1
2	.8075	(.3179)	57102212	.4800	(.1890)	.1076	(.0424)	.4724	(.1860)	.1159	(.0456)	2
NOV-1	.6693	(.2635)	65111412	.4367	(.1719)	.1301	(.0512)	.4240	(.1669)	.1287	(.0507)	NOV-1
2	.6523	(.2568)	67112100	.3840	(.1512)	.1326	(.0522)	.3989	(.1570)	.1389	(.0547)	2
DEC-1	.5814	(.2289)	61121112	.3654	(.1439)	.1127	(.0444)	.3349	(.1318)	.1096	(.0431)	DEC-1
2	.7513	(.2958)	67122912	.3448	(.1358)	.1319	(.0519)	.3548	(.1397)	.1468	(.0578)	2

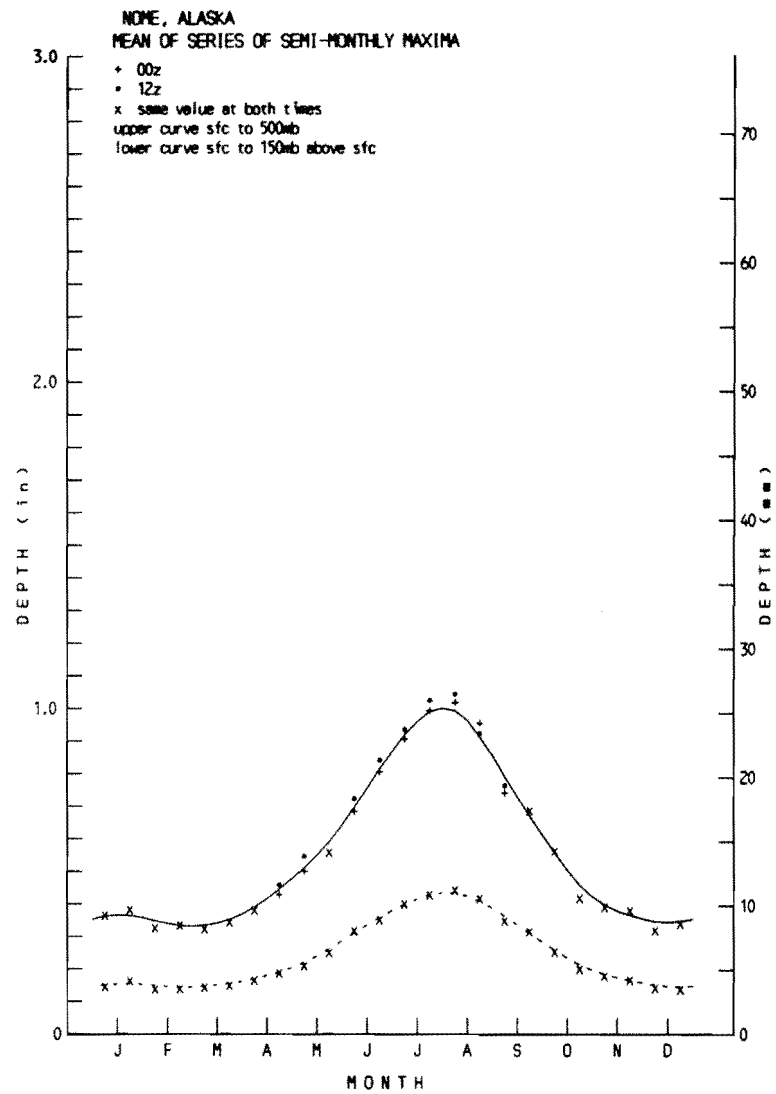

NAKNEK, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


NAKNEK, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

NAKNEK, ALASKA 17 YEARS OF RECORD

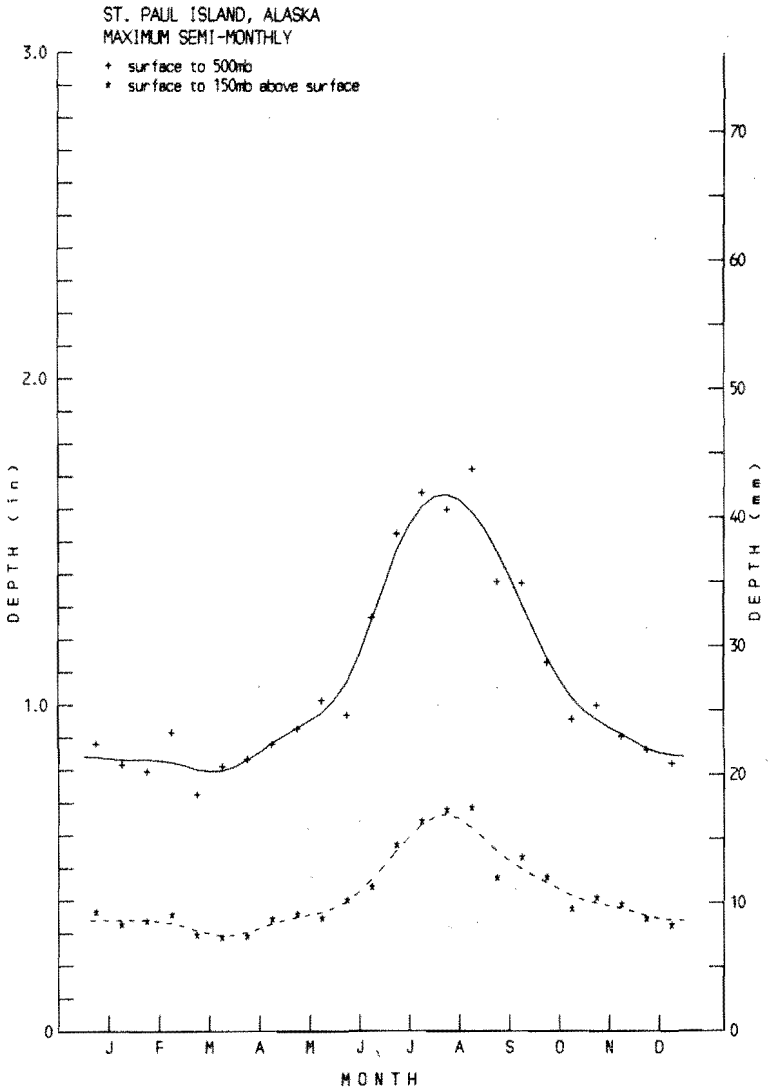
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED: MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z): MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z): MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.8730	(.7374)	57011115	1.1864	(.4671)	.3060	(.1205)	1.2407	(.4885)	.3802	(.1497)	JAN-1
2	2.1369	(.8413)	57012703	1.2398	(.4881)	.4148	(.1633)	1.3239	(.5212)	.3275	(.1289)	2
FEB-1	1.8506	(.7286)	56021503	1.0972	(.4319)	.2845	(.1120)	1.1232	(.4422)	.2837	(.1117)	FEB-1
2	2.0876	(.8219)	55022603	1.1763	(.4631)	.3822	(.1505)	1.2027	(.4735)	.3680	(.1449)	2
MAR-1	1.8176	(.7156)	67030212	1.1051	(.4351)	.4133	(.1627)	1.1715	(.4612)	.3637	(.1432)	MAR-1
2	1.8588	(.7318)	65032212	1.1158	(.4393)	.3417	(.1345)	1.1871	(.4673)	.3615	(.1423)	2
APR-1	1.9063	(.7505)	67040100	1.1055	(.4352)	.3076	(.1211)	1.1388	(.4483)	.2379	(.0937)	APR-1
2	2.2161	(.8725)	61042200	1.4828	(.5838)	.3517	(.1385)	1.5968	(.6287)	.3079	(.1212)	2
MAY-1	1.9952	(.7855)	68050412	1.4645	(.5766)	.2903	(.1143)	1.4636	(.5762)	.2692	(.1060)	MAY-1
2	2.3785	(.9364)	60052200	1.6707	(.6578)	.2830	(.1114)	1.8240	(.7181)	.2778	(.1094)	2
JUN-1	2.5636	(1.0093)	67060812	1.8538	(.7299)	.3055	(.1203)	1.9274	(.7588)	.3303	(.1300)	JUN-1
2	3.9238	(1.5448)	53062603	2.2743	(.8954)	.5447	(.2144)	2.3121	(.9103)	.4713	(.1855)	2
JUL-1	3.2032	(1.2611)	63071512	2.3350	(.9193)	.2721	(.1071)	2.5507	(1.0042)	.3697	(.1456)	JUL-1
2	3.8382	(1.5111)	54072915	2.7446	(1.0805)	.5556	(.2187)	2.9761	(1.1717)	.5363	(.2111)	2
AUG-1	3.6231	(1.4264)	63080212	2.7409	(1.0791)	.4726	(.1861)	2.8420	(1.1189)	.4466	(.1758)	AUG-1
2	4.0317	(1.5873)	63081712	2.8101	(1.1063)	.6118	(.2409)	2.8835	(1.1353)	.6982	(.2749)	2
SEP-1	3.7539	(1.4779)	56091103	2.4160	(.9512)	.5882	(.2316)	2.4047	(.9467)	.4019	(.1582)	SEP-1
2	3.9058	(1.5377)	54091815	2.1837	(.8597)	.5924	(.2332)	2.1358	(.8409)	.6387	(.2514)	2
OCT-1	2.8854	(1.1360)	63100600	1.7031	(.6705)	.5189	(.2043)	1.7467	(.6877)	.4329	(.1704)	OCT-1
2	2.2593	(.8895)	57102200	1.3259	(.5220)	.4364	(.1718)	1.3088	(.5153)	.2946	(.1160)	2
NOV-1	2.0076	(.7904)	65111412	1.3123	(.5166)	.2866	(.1128)	1.3397	(.5274)	.3860	(.1520)	NOV-1
2	2.2667	(.8924)	66111712	1.2336	(.4857)	.3628	(.1428)	1.2577	(.4952)	.4372	(.1721)	2
DEC-1	2.4211	(.9532)	61120912	1.1992	(.4721)	.3560	(.1402)	1.1961	(.4709)	.3663	(.1442)	DEC-1
2	2.4943	(.9820)	67122912	1.1862	(.4670)	.4346	(.1711)	1.2324	(.4852)	.4934	(.1942)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.7356	(.2896)	63011500	.5177	(.2038)	.1108	(.0436)	.5181	(.2040)	.1145	(.0451)	JAN-1
2	.8311	(.3272)	63012712	.5239	(.2063)	.1238	(.0487)	.5455	(.2148)	.1194	(.0470)	2
FEB-1	.7178	(.2826)	56021515	.5048	(.1987)	.0870	(.0342)	.5148	(.2027)	.1165	(.0458)	FEB-1
2	.7920	(.3118)	55022615	.4933	(.1942)	.1005	(.0396)	.5296	(.2085)	.1194	(.0470)	2
MAR-1	.7247	(.2853)	67030212	.4937	(.1944)	.1412	(.0556)	.5266	(.2073)	.1340	(.0528)	MAR-1
2	.7653	(.3013)	65032212	.4919	(.1937)	.0864	(.0340)	.5189	(.2043)	.0968	(.0381)	2
APR-1	.8387	(.3302)	67040100	.5128	(.2019)	.1129	(.0445)	.5125	(.2018)	.0788	(.0310)	APR-1
2	.8334	(.3281)	61042400	.6128	(.2413)	.0957	(.0377)	.6184	(.2434)	.0869	(.0342)	2
MAY-1	.8666	(.3412)	58050100	.6493	(.2556)	.0939	(.0370)	.6304	(.2482)	.0805	(.0317)	MAY-1
2	.9428	(.3712)	60052612	.7293	(.2871)	.0821	(.0323)	.7565	(.2979)	.0843	(.0332)	2
JUN-1	1.0523	(.4143)	58060712	.8397	(.3306)	.1073	(.0422)	.8479	(.3338)	.1041	(.0410)	JUN-1
2	1.7564	(.6915)	53062603	1.0194	(.4013)	.2195	(.0864)	1.0102	(.3977)	.2033	(.0800)	2
JUL-1	1.2840	(.5055)	63071112	1.0498	(.4133)	.1077	(.0424)	1.0916	(.4298)	.1263	(.0497)	JUL-1
2	1.4823	(.5836)	54073003	1.2150	(.4784)	.1893	(.0745)	1.2203	(.4804)	.1479	(.0582)	2
AUG-1	1.4201	(.5591)	67081400	1.1882	(.4678)	.1210	(.0476)	1.1804	(.4647)	.1341	(.0528)	AUG-1
2	1.6380	(.6449)	59082700	1.2364	(.4868)	.2462	(.0969)	1.2390	(.4878)	.2326	(.0916)	2
SEP-1	1.4493	(.5706)	56091103	1.0617	(.4180)	.2012	(.0792)	1.0210	(.4020)	.1400	(.0551)	SEP-1
2	1.5016	(.5912)	54091703	.9489	(.3736)	.1894	(.0746)	.9421	(.3709)	.1955	(.0770)	2
OCT-1	1.1476	(.4518)	63100612	.7646	(.3010)	.1508	(.0594)	.7891	(.3107)	.1583	(.0623)	OCT-1
2	1.0704	(.4214)	57102200	.6056	(.2384)	.1685	(.0663)	.6011	(.2366)	.1160	(.0457)	2
NOV-1	.7455	(.2935)	65111400	.5935	(.2337)	.1264	(.0497)	.5608	(.2208)	.1088	(.0428)	NOV-1
2	.7793	(.3068)	57111900	.5641	(.2221)	.1306	(.0514)	.5323	(.2096)	.1051	(.0414)	2
DEC-1	.9301	(.3662)	61120912	.5336	(.2101)	.1316	(.0518)	.5134	(.2021)	.1337	(.0526)	DEC-1
2	.9543	(.3757)	67122912	.5161	(.2032)	.1538	(.0606)	.5215	(.2053)	.1708	(.0673)	2

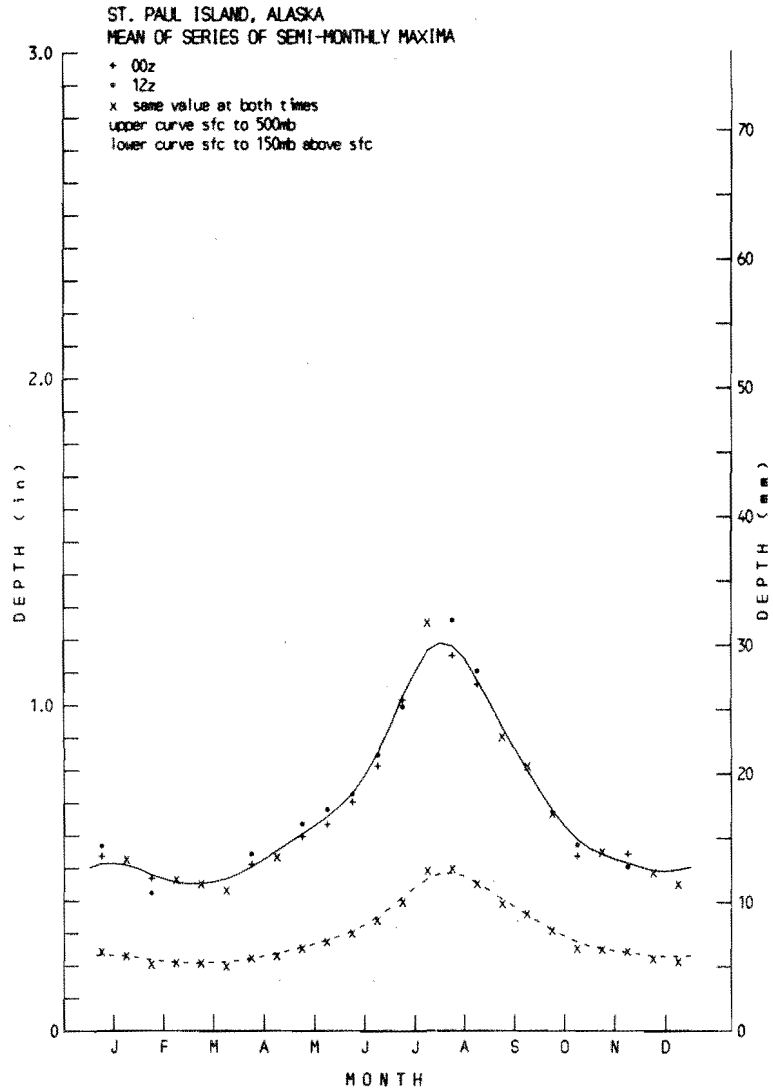

NOME, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


NOME, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

NOME, ALASKA 20 YEARS OF RECORD

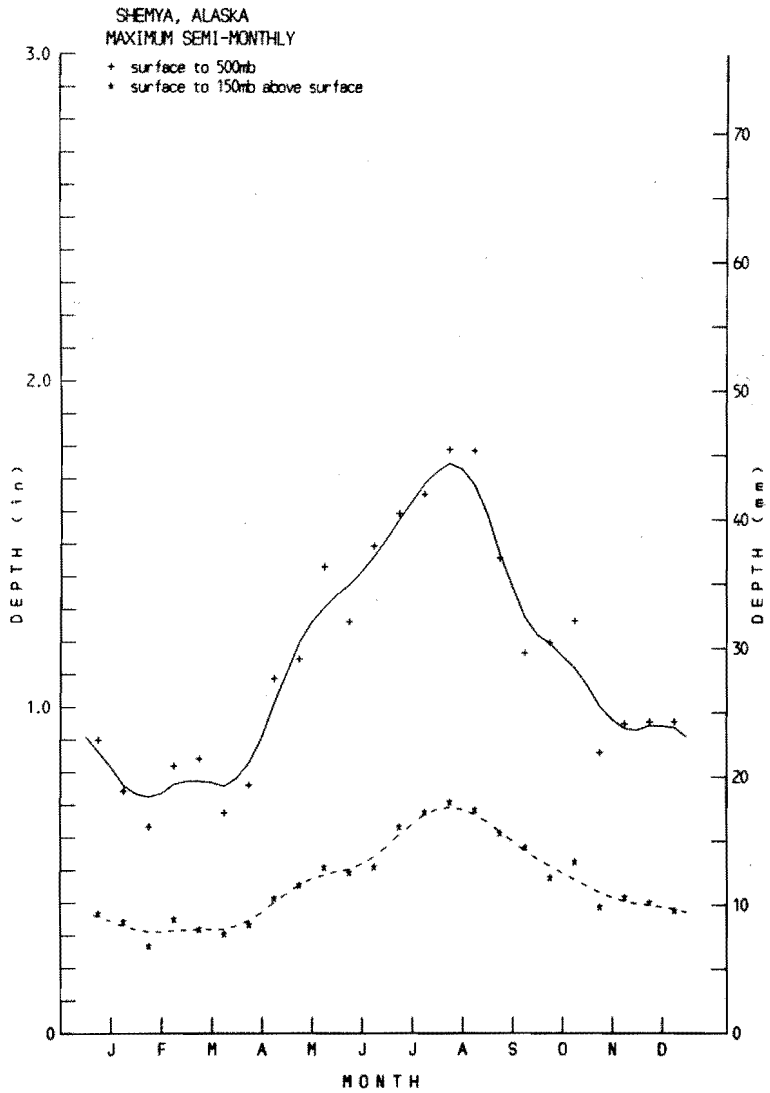
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.7927	(.7058)	68010200	.9485	(.3734)	.3408	(.1342)	.9183	(.3615)	.3147	(.1239)	JAN-1
2	1.9106	(.7522)	63011600	.9802	(.3859)	.3441	(.1355)	.9791	(.3855)	.3497	(.1377)	2
FEB-1	1.7135	(.6746)	57020315	.8454	(.3328)	.3103	(.1222)	.8243	(.3245)	.3141	(.1237)	FEB-1
2	1.5966	(.6286)	57021903	.8504	(.3348)	.3366	(.1325)	.8653	(.3407)	.3486	(.1373)	2
MAR-1	1.6330	(.6429)	62031000	.8491	(.3343)	.2745	(.1081)	.8080	(.3181)	.2230	(.0878)	MAR-1
2	1.6761	(.6599)	65032412	.8770	(.3453)	.2656	(.1046)	.8858	(.3487)	.2917	(.1148)	2
APR-1	1.6685	(.6569)	65041512	.9499	(.3740)	.2575	(.1014)	.9990	(.3933)	.3053	(.1202)	APR-1
2	1.9848	(.7814)	58042512	1.0839	(.4267)	.2913	(.1147)	1.1592	(.4564)	.3026	(.1191)	2
MAY-1	2.2466	(.8845)	68051112	1.2652	(.4981)	.2848	(.1121)	1.3830	(.5445)	.3238	(.1275)	MAY-1
2	1.9032	(.7493)	53053103	1.4099	(.5551)	.2686	(.1058)	1.4420	(.5677)	.1992	(.0784)	2
JUN-1	2.6673	(1.0501)	58060900	1.7317	(.6818)	.3935	(.1549)	1.8333	(.7218)	.3355	(.1321)	JUN-1
2	3.6688	(1.4444)	53062415	2.0421	(.8040)	.4563	(.1797)	2.1335	(.8400)	.4450	(.1752)	2
JUL-1	2.9997	(1.1810)	58070600	2.2982	(.9048)	.3798	(.1495)	2.3736	(.9345)	.2425	(.0955)	JUL-1
2	3.3226	(1.3081)	62072700	2.5211	(.9926)	.4155	(.1636)	2.6016	(1.0243)	.3391	(.1335)	2
AUG-1	3.4333	(1.3517)	56080515	2.5838	(1.0172)	.3833	(.1509)	2.6506	(1.0435)	.3573	(.1407)	AUG-1
2	3.4237	(1.3479)	59082700	2.4214	(.9533)	.4210	(.1657)	2.3399	(.9212)	.2765	(.1088)	2
SEP-1	2.8981	(1.1410)	65091012	1.8782	(.7394)	.3644	(.1435)	1.9361	(.7622)	.3733	(.1470)	SEP-1
2	2.3383	(.9206)	59093000	1.7623	(.6938)	.3249	(.1279)	1.7429	(.6862)	.2938	(.1157)	2
OCT-1	2.3419	(.9220)	57100500	1.4251	(.5611)	.3410	(.1343)	1.4485	(.5703)	.3241	(.1276)	OCT-1
2	1.9934	(.7848)	69102500	1.0806	(.4254)	.3246	(.1278)	1.0579	(.4165)	.2595	(.1022)	2
NOV-1	1.5733	(.6194)	65110600	.9876	(.3888)	.2805	(.1104)	1.0139	(.3992)	.2815	(.1108)	NOV-1
2	1.5969	(.6287)	50112815	.9624	(.3789)	.2360	(.0929)	.9838	(.3873)	.3131	(.1233)	2
DEC-1	1.3734	(.5407)	55121415	.8161	(.3213)	.2890	(.1138)	.8216	(.3235)	.2836	(.1116)	DEC-1
2	1.6728	(.6586)	65122612	.8443	(.3324)	.3516	(.1384)	.8930	(.3516)	.4099	(.1614)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.6401	(.2520)	63011512	.3841	(.1512)	.1350	(.0531)	.3712	(.1462)	.1245	(.0490)	JAN-1
2	.7148	(.2814)	63012912	.4334	(.1706)	.1411	(.0555)	.4149	(.1634)	.1286	(.0506)	2
FEB-1	.6355	(.2502)	57020315	.3621	(.1426)	.1316	(.0518)	.3553	(.1399)	.1166	(.0459)	FEB-1
2	.5819	(.2291)	57022003	.3609	(.1421)	.1349	(.0531)	.3619	(.1425)	.1260	(.0496)	2
MAR-1	.5408	(.2129)	62031000	.3749	(.1476)	.1108	(.0436)	.3742	(.1473)	.0961	(.0378)	MAR-1
2	.6975	(.2746)	65032412	.3849	(.1515)	.1141	(.0449)	.3893	(.1533)	.1170	(.0461)	2
APR-1	.6101	(.2402)	57041203	.4244	(.1671)	.0882	(.0347)	.4324	(.1702)	.0884	(.0348)	APR-1
2	.6960	(.2740)	51041615	.4690	(.1846)	.0883	(.0348)	.5002	(.1969)	.0849	(.0334)	2
MAY-1	.6805	(.2679)	67051212	.5244	(.2065)	.0789	(.0311)	.5569	(.2192)	.0777	(.0306)	MAY-1
2	.8573	(.3375)	65053012	.6309	(.2484)	.1029	(.0405)	.6578	(.2590)	.1002	(.0394)	2
JUN-1	1.1057	(.4353)	58060900	.7995	(.3147)	.1553	(.0612)	.8287	(.3262)	.1275	(.0502)	JUN-1
2	1.1958	(.4708)	58062100	.8942	(.3521)	.1230	(.0484)	.9063	(.3568)	.1134	(.0446)	2
JUL-1	1.3236	(.5211)	60071412	1.0167	(.4003)	.1265	(.0498)	1.0326	(.4065)	.1118	(.0440)	JUL-1
2	1.3556	(.5337)	62072700	1.0902	(.4292)	.1361	(.0536)	1.1014	(.4336)	.1169	(.0460)	2
AUG-1	1.3952	(.5493)	63080100	1.1219	(.4417)	.1123	(.0442)	1.1423	(.4497)	.0971	(.0382)	AUG-1
2	1.2410	(.4886)	56081903	1.0625	(.4183)	.0990	(.0390)	1.0700	(.4213)	.1149	(.0452)	2
SEP-1	1.1679	(.4598)	65090912	.8867	(.3491)	.1407	(.0554)	.8967	(.3530)	.1433	(.0564)	SEP-1
2	1.0658	(.4196)	59093000	.8245	(.3246)	.1105	(.0435)	.7953	(.3131)	.1098	(.0432)	2
OCT-1	.8750	(.3445)	57100500	.6454	(.2541)	.1213	(.0478)	.6550	(.2579)	.1282	(.0505)	OCT-1
2	.8527	(.3357)	69102500	.5181	(.2040)	.1228	(.0484)	.5172	(.2036)	.1304	(.0514)	2
NOV-1	.6571	(.2587)	65111412	.4680	(.1843)	.0986	(.0388)	.4584	(.1805)	.1032	(.0406)	NOV-1
2	.6142	(.2418)	65111612	.4293	(.1690)	.0912	(.0359)	.4357	(.1715)	.1144	(.0450)	2
DEC-1	.5860	(.2307)	55121415	.3792	(.1493)	.1284	(.0505)	.3585	(.1411)	.1219	(.0480)	DEC-1
2	.6066	(.2388)	55122203	.3607	(.1420)	.1500	(.0590)	.3541	(.1394)	.1527	(.0601)	2

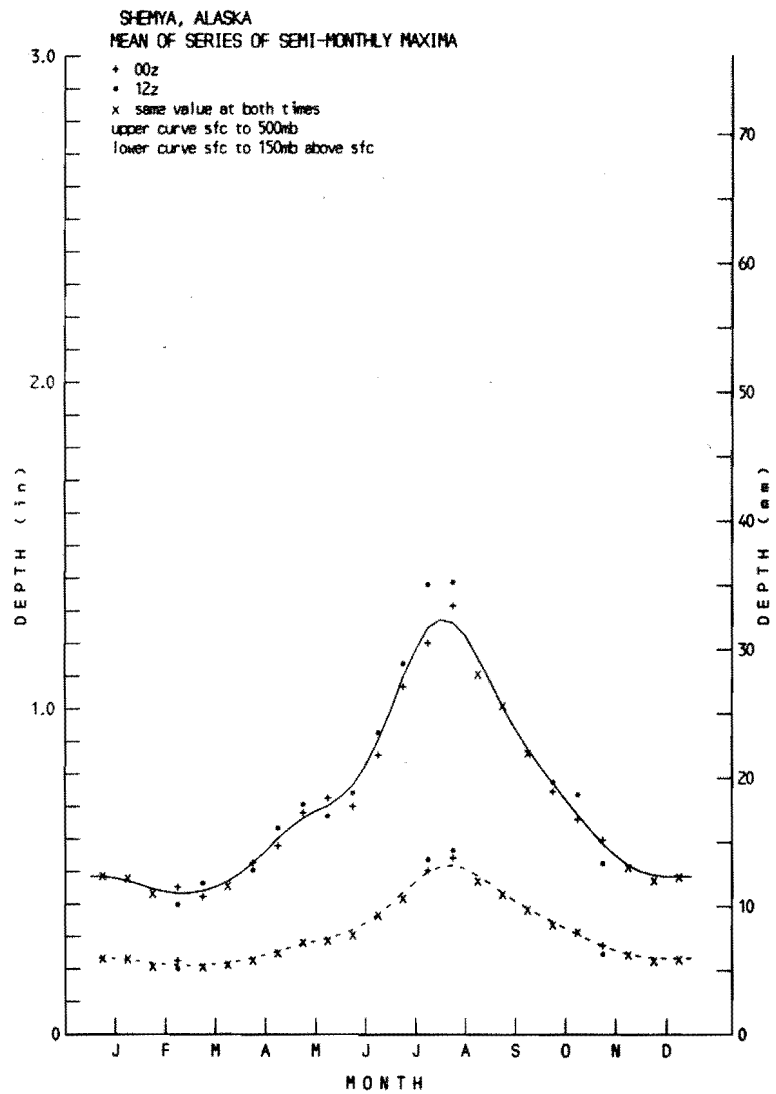

ST. PAUL ISLAND, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


ST. PAUL ISLAND, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

ST. PAUL ISLAND, ALASKA 20 YEARS OF RECORD

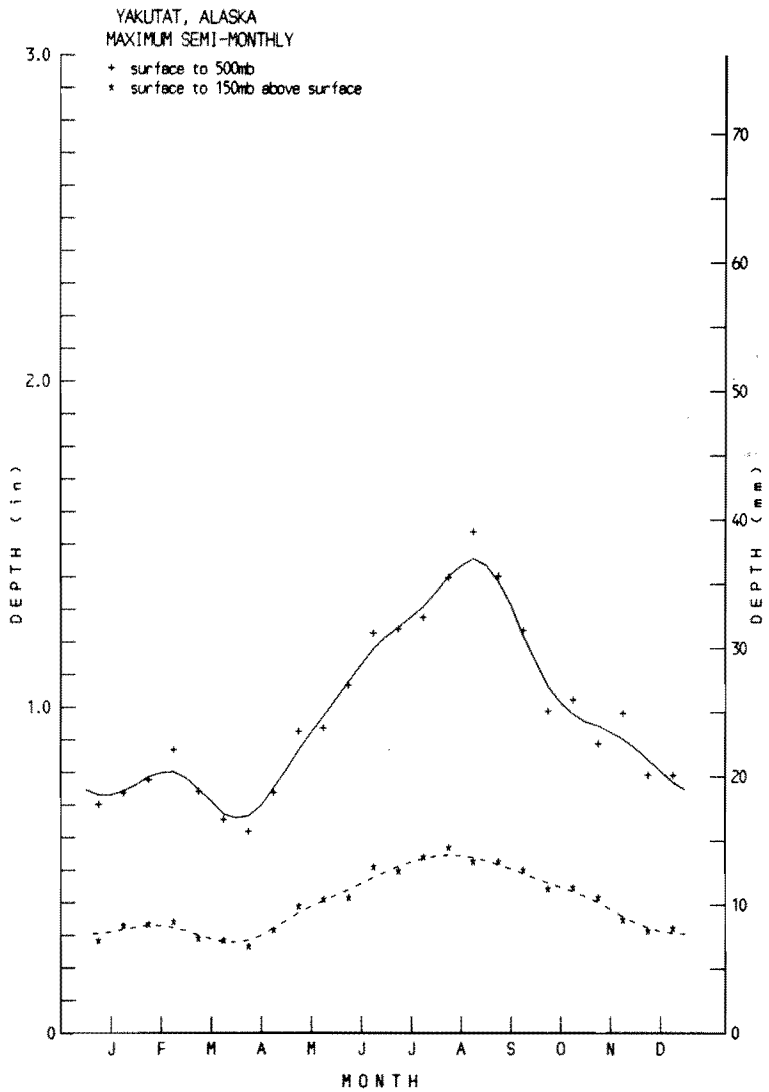
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.2334	(.8793)	50011515	1.3586	(.5349)	.3561	(.1402)	1.4386	(.5664)	.3769	(.1484)	JAN-1
2	2.0706	(.8152)	63011600	1.3471	(.5304)	.3838	(.1511)	1.3490	(.5311)	.2743	(.1080)	2
FEB-1	2.0183	(.7946)	58020200	1.1849	(.4665)	.3651	(.1437)	1.0725	(.4222)	.3235	(.1274)	FEB-1
2	2.3226	(.9144)	56022115	1.2021	(.4733)	.4466	(.1758)	1.1751	(.4626)	.4894	(.1927)	2
MAR-1	1.8415	(.7250)	62031000	1.1569	(.4555)	.3613	(.1422)	1.1540	(.4543)	.2950	(.1161)	MAR-1
2	2.0587	(.8105)	63032500	1.1105	(.4372)	.4108	(.1617)	1.0987	(.4325)	.3505	(.1380)	2
APR-1	2.1158	(.8330)	65041500	1.2939	(.5094)	.3317	(.1503)	1.3760	(.5417)	.3692	(.1454)	APR-1
2	2.2319	(.8787)	65042912	1.3532	(.5328)	.4228	(.1664)	1.3797	(.5432)	.4353	(.1714)	2
MAY-1	2.3508	(.9255)	60051100	1.5124	(.5954)	.3751	(.1477)	1.6094	(.6336)	.3375	(.1329)	MAY-1
2	2.5740	(1.0134)	64052912	1.6069	(.6326)	.2387	(.0940)	1.7243	(.6789)	.3492	(.1375)	2
JUN-1	2.4602	(.9686)	56061103	1.7810	(.7012)	.4160	(.1638)	1.8429	(.7256)	.2767	(.1089)	JUN-1
2	3.2182	(1.2670)	61061712	2.0616	(.8117)	.4844	(.1907)	2.1469	(.8452)	.5035	(.1982)	2
JUL-1	3.8684	(1.5230)	51070503	2.5768	(1.0145)	.5059	(.1992)	2.5234	(.9934)	.4684	(.1844)	JUL-1
2	4.1862	(1.6481)	54072815	3.1976	(1.2589)	.5119	(.2015)	3.1811	(1.2524)	.6256	(.2463)	2
AUG-1	4.0538	(1.5960)	56080603	2.9177	(1.1487)	.6000	(.2362)	3.1941	(1.2575)	.4936	(.1943)	AUG-1
2	4.3696	(1.7203)	59082512	2.6963	(1.0615)	.5029	(.1980)	2.7982	(1.1016)	.6838	(.2692)	2
SEP-1	3.4953	(1.3761)	64090400	2.2753	(.8958)	.4632	(.1824)	2.3254	(.9155)	.4017	(.1582)	SEP-1
2	3.4849	(1.3720)	54093003	2.0573	(.8100)	.5707	(.2247)	2.0843	(.8206)	.4887	(.1924)	2
OCT-1	2.8692	(1.1296)	58101400	1.6890	(.6650)	.4550	(.1791)	1.7078	(.6724)	.3615	(.1423)	OCT-1
2	2.4300	(.9567)	51101703	1.3564	(.5340)	.4725	(.1860)	1.4420	(.5677)	.3479	(.1370)	2
NOV-1	2.5347	(.9979)	65111400	1.4109	(.5555)	.3766	(.1483)	1.3921	(.5481)	.2474	(.0974)	NOV-1
2	2.2949	(.9035)	51111903	1.3727	(.5405)	.3671	(.1445)	1.2728	(.5011)	.3007	(.1184)	2
DEC-1	2.1900	(.8622)	50120815	1.2349	(.4862)	.3295	(.1297)	1.2446	(.4900)	.3819	(.1503)	DEC-1
2	2.0838	(.8204)	68121800	1.1322	(.4458)	.4199	(.1653)	1.1646	(.4585)	.3702	(.1457)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.9253	(.3643)	52011103	.6386	(.2514)	.1143	(.0450)	.6153	(.2423)	.1007	(.0397)	JAN-1
2	.8285	(.3262)	50011615	.5812	(.2288)	.1068	(.0420)	.6039	(.2378)	.1042	(.0410)	2
FEB-1	.8552	(.3367)	59020912	.5255	(.2069)	.1299	(.0511)	.5319	(.2094)	.1325	(.0522)	FEB-1
2	.9047	(.3562)	56022115	.5431	(.2138)	.1590	(.0626)	.5345	(.2104)	.1556	(.0613)	2
MAR-1	.7463	(.2938)	62031000	.5376	(.2116)	.1112	(.0438)	.5359	(.2110)	.1097	(.0432)	MAR-1
2	.7280	(.2866)	65032900	.5105	(.2010)	.1092	(.0430)	.5097	(.2007)	.1110	(.0437)	2
APR-1	.7386	(.2908)	52040503	.5774	(.2273)	.1056	(.0416)	.5799	(.2283)	.0981	(.0386)	APR-1
2	.8705	(.3427)	67041600	.5960	(.2346)	.1456	(.0573)	.5946	(.2341)	.1296	(.0510)	2
MAY-1	.9091	(.3579)	60051100	.6523	(.2568)	.1133	(.0446)	.6557	(.2581)	.0986	(.0388)	MAY-1
2	.8768	(.3452)	59052400	.6964	(.2742)	.0892	(.0351)	.7139	(.2810)	.0800	(.0315)	2
JUN-1	1.0183	(.4009)	67060800	.7502	(.2953)	.1242	(.0489)	.7929	(.3122)	.1002	(.0394)	JUN-1
2	1.1194	(.4407)	53062315	.8618	(.3393)	.1385	(.0545)	.8823	(.3473)	.1428	(.0562)	2
JUL-1	1.4475	(.5699)	67071512	1.0197	(.4015)	.1705	(.0671)	1.0100	(.3976)	.1589	(.0625)	JUL-1
2	1.6332	(.6430)	54072815	1.2559	(.4945)	.1756	(.0691)	1.2579	(.4953)	.1887	(.0743)	2
AUG-1	1.7186	(.6766)	56080603	1.2674	(.4990)	.2179	(.0858)	1.2779	(.5031)	.2059	(.0811)	AUG-1
2	1.7371	(.6839)	53082103	1.1434	(.4502)	.2217	(.0873)	1.1698	(.4605)	.2456	(.0967)	2
SEP-1	1.1925	(.4695)	62090112	1.0000	(.3937)	.1275	(.0502)	.9979	(.3929)	.1092	(.0430)	SEP-1
2	1.3520	(.5323)	54091803	.9236	(.3636)	.1481	(.0583)	.9169	(.3610)	.1257	(.0495)	2
OCT-1	1.1961	(.4709)	60100300	.7970	(.3138)	.1524	(.0600)	.7881	(.3103)	.1104	(.0435)	OCT-1
2	.9530	(.3752)	56102503	.6449	(.2539)	.1604	(.0631)	.6577	(.2590)	.1030	(.0406)	2
NOV-1	1.0368	(.4082)	65111400	.6495	(.2557)	.1353	(.0533)	.6386	(.2514)	.0808	(.0318)	NOV-1
2	.9855	(.3880)	66111612	.6362	(.2505)	.1083	(.0426)	.6180	(.2433)	.1099	(.0433)	2
DEC-1	.8753	(.3446)	50120815	.5617	(.2211)	.1069	(.0421)	.5752	(.2265)	.1317	(.0519)	DEC-1
2	.8217	(.3235)	68121800	.5341	(.2103)	.1187	(.0467)	.5582	(.2198)	.1142	(.0449)	2

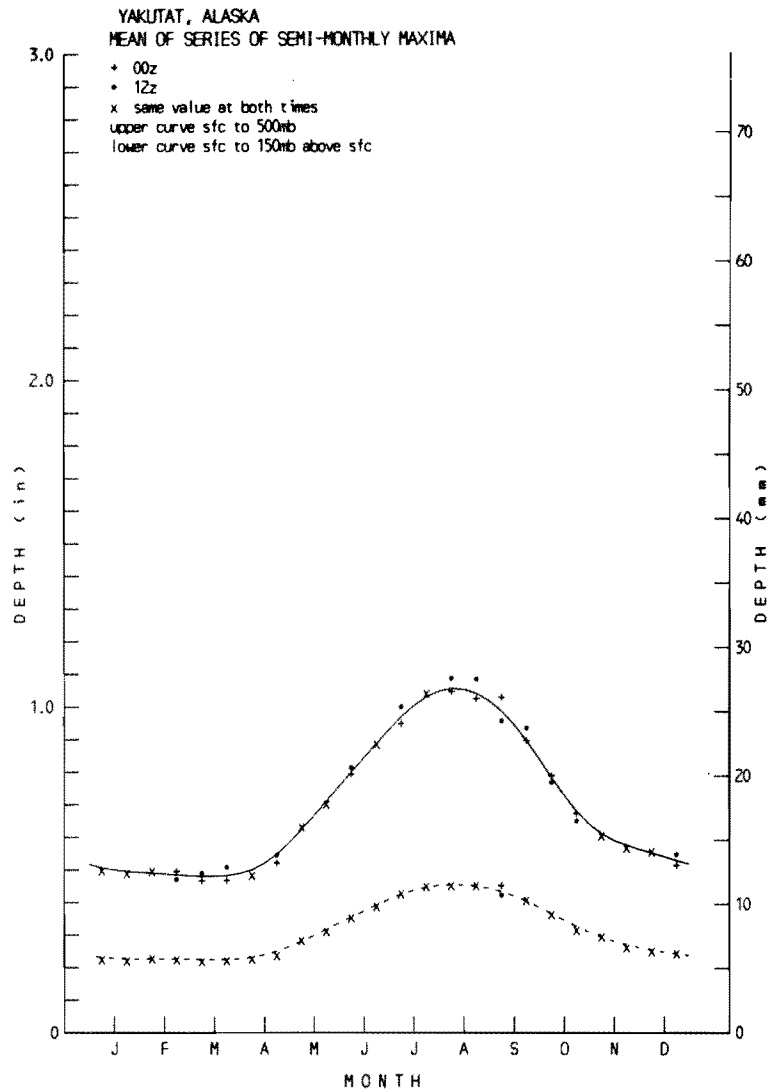

SHEMYA, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


SHEMYA, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

SHEMYA, ALASKA 20 YEARS OF RECORD

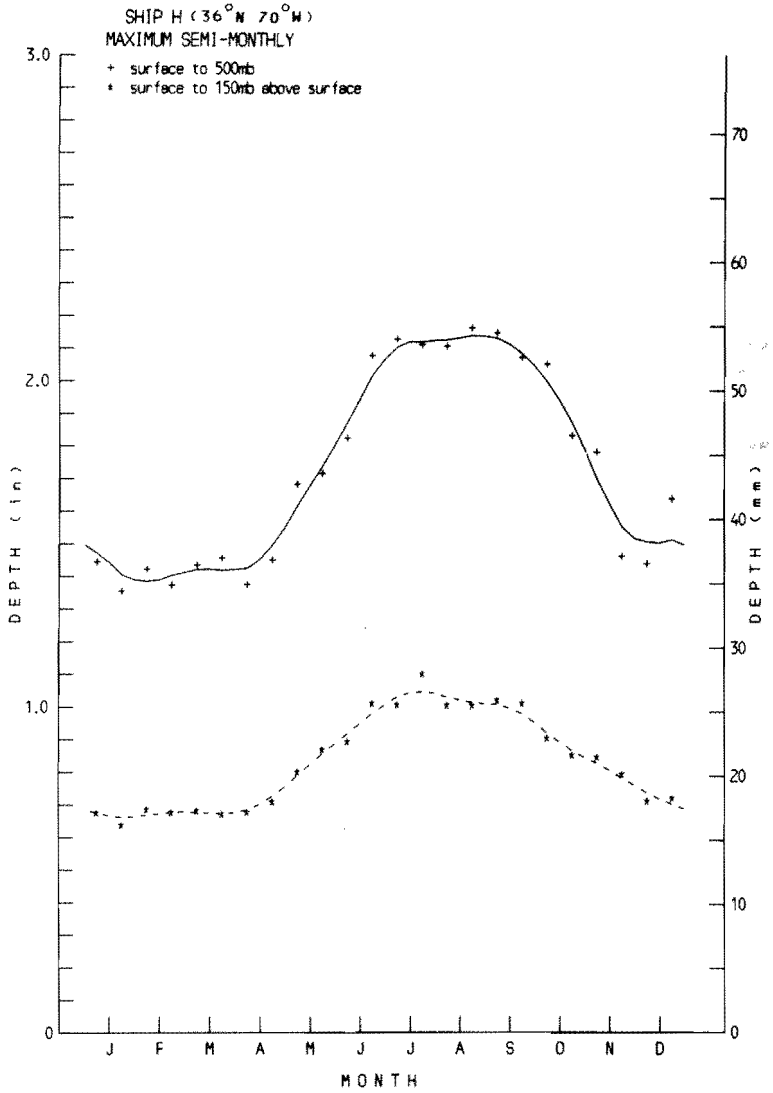
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	2.2797	(.8975)	69010500	1.2316	(.4849)	.4388	(.1728)	1.2625	(.4970)	.4841	(.1906)	JAN-1
2	1.8832	(.7414)	68012812	1.2253	(.4824)	.2697	(.1062)	1.2304	(.4844)	.3168	(.1247)	2
FEB-1	1.6068	(.6326)	69020712	1.0900	(.4291)	.2514	(.0990)	1.1277	(.4440)	.2701	(.1063)	FEB-1
2	2.0775	(.8179)	56022115	1.1451	(.4508)	.4167	(.1640)	1.0095	(.3974)	.3377	(.1330)	2
MAR-1	2.1354	(.8407)	67030812	1.0706	(.4215)	.3648	(.1436)	1.1747	(.4625)	.4306	(.1695)	MAR-1
2	1.7132	(.6745)	67032412	1.1679	(.4598)	.2725	(.1073)	1.1677	(.4597)	.3029	(.1193)	2
APR-1	1.9304	(.7600)	59040712	1.3351	(.5256)	.3607	(.1420)	1.2774	(.5029)	.3361	(.1323)	APR-1
2	2.7587	(1.0861)	54042115	1.4672	(.5776)	.4249	(.1673)	1.6070	(.6327)	.5213	(.2052)	2
MAY-1	2.9106	(1.1459)	63050412	1.7255	(.6793)	.3525	(.1388)	1.7917	(.7054)	.5984	(.2356)	MAY-1
2	3.6279	(1.4283)	62053100	1.8420	(.7252)	.6739	(.2653)	1.6998	(.6692)	.4524	(.1781)	2
JUN-1	3.2012	(1.2603)	61061512	1.7752	(.6989)	.4501	(.1772)	1.8795	(.7400)	.4524	(.1781)	JUN-1
2	3.7897	(1.4920)	53062315	2.1750	(.8563)	.4542	(.1788)	2.3498	(.9251)	.6204	(.2442)	2
JUL-1	4.0447	(1.5924)	60070812	2.7077	(1.0660)	.5064	(.1994)	2.8866	(1.1365)	.5766	(.2270)	JUL-1
2	4.1923	(1.6505)	58073112	3.0494	(1.2005)	.5025	(.1978)	3.5040	(1.3795)	.5378	(.2117)	2
AUG-1	4.5415	(1.7880)	58080100	3.3401	(1.3150)	.6067	(.2389)	3.5234	(1.3872)	.6074	(.2391)	AUG-1
2	4.5321	(1.7843)	53081603	2.8125	(1.1073)	.7408	(.2916)	2.8266	(1.1128)	.7116	(.2801)	2
SEP-1	3.7005	(1.4569)	59090212	2.5965	(1.0222)	.4834	(.1903)	2.5565	(1.0065)	.4435	(.1746)	SEP-1
2	2.9624	(1.1663)	60092612	2.2019	(.8669)	.4097	(.1613)	2.2051	(.8682)	.4299	(.1692)	2
OCT-1	3.0411	(1.1973)	60100212	1.8927	(.7452)	.4723	(.1859)	1.9648	(.7735)	.4533	(.1785)	OCT-1
2	3.2106	(1.2640)	55101615	1.6742	(.6591)	.4002	(.1575)	1.8687	(.7357)	.5080	(.2000)	2
NOV-1	2.1869	(.8610)	64110700	1.5146	(.5963)	.3915	(.1541)	1.3310	(.5240)	.3346	(.1317)	NOV-1
2	2.4094	(.9486)	61112512	1.3230	(.5209)	.4623	(.1820)	1.3036	(.5132)	.5520	(.2173)	2
DEC-1	2.4237	(.9542)	67120112	1.1894	(.4683)	.3865	(.1522)	1.2287	(.4837)	.4051	(.1595)	DEC-1
2	2.4254	(.9549)	55121903	1.2439	(.4897)	.4617	(.1818)	1.2311	(.4847)	.3794	(.1494)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.9284	(.3655)	59010812	.6032	(.2375)	.1452	(.0572)	.6004	(.2364)	.1737	(.0684)	JAN-1
2	.8654	(.3407)	68012912	.5970	(.2350)	.0995	(.0392)	.5986	(.2357)	.1138	(.0448)	2
FEB-1	.6756	(.2660)	56021203	.5369	(.2114)	.0877	(.0345)	.5392	(.2123)	.0806	(.0317)	FEB-1
2	.8832	(.3477)	56022103	.5695	(.2242)	.1301	(.0512)	.5068	(.1995)	.1101	(.0433)	2
MAR-1	.8062	(.3174)	67030812	.5206	(.2049)	.1462	(.0575)	.5478	(.2157)	.1353	(.0533)	MAR-1
2	.7709	(.3035)	54033103	.5505	(.2167)	.1063	(.0418)	.5567	(.2192)	.1154	(.0454)	2
APR-1	.8423	(.3316)	63041100	.5896	(.2321)	.1149	(.0452)	.5823	(.2292)	.1153	(.0454)	APR-1
2	1.0488	(.4129)	61042612	.6411	(.2524)	.1455	(.0573)	.6478	(.2550)	.1618	(.0637)	2
MAY-1	1.1514	(.4533)	52050403	.7256	(.2857)	.1638	(.0645)	.7282	(.2867)	.1849	(.0728)	MAY-1
2	1.2883	(.5072)	62053100	.7443	(.2930)	.1817	(.0715)	.7384	(.2907)	.1476	(.0581)	2
JUN-1	1.2487	(.4916)	61061512	.7662	(.3017)	.1621	(.0638)	.8037	(.3164)	.1629	(.0641)	JUN-1
2	1.2921	(.5087)	53062315	.9200	(.3622)	.1501	(.0591)	.9565	(.3766)	.1686	(.0664)	2
JUL-1	1.6038	(.6314)	60070812	1.0573	(.4163)	.1632	(.0643)	1.0837	(.4266)	.2006	(.0790)	JUL-1
2	1.7186	(.6766)	52072915	1.2756	(.5022)	.2207	(.0869)	1.3618	(.5361)	.1800	(.0709)	2
AUG-1	1.7973	(.7076)	64080912	1.3752	(.5414)	.2199	(.0866)	1.4333	(.5643)	.2374	(.0935)	AUG-1
2	1.7384	(.6844)	53081603	1.2288	(.4838)	.2682	(.1056)	1.1858	(.4668)	.2716	(.1069)	2
SEP-1	1.5583	(.6135)	59090212	1.0910	(.4295)	.1895	(.0746)	1.1165	(.4396)	.1915	(.0754)	SEP-1
2	1.4481	(.5701)	55092415	.9712	(.3824)	.1536	(.0605)	.9941	(.3914)	.1801	(.0709)	2
OCT-1	1.2108	(.4767)	60100212	.8485	(.3340)	.1100	(.0433)	.8823	(.3474)	.1397	(.0550)	OCT-1
2	1.3338	(.5251)	52101703	.7875	(.3100)	.1734	(.0683)	.8287	(.3263)	.1606	(.0632)	2
NOV-1	.9830	(.3870)	64110700	.6910	(.2721)	.1316	(.0518)	.6242	(.2457)	.1076	(.0423)	NOV-1
2	1.0549	(.4153)	61112512	.6245	(.2459)	.1484	(.0584)	.6384	(.2513)	.1929	(.0760)	2
DEC-1	1.0150	(.3996)	67120112	.5703	(.2245)	.1193	(.0470)	.5938	(.2338)	.1410	(.0555)	DEC-1
2	.9535	(.3754)	55121903	.5909	(.2326)	.1493	(.0588)	.5995	(.2360)	.1373	(.0541)	2

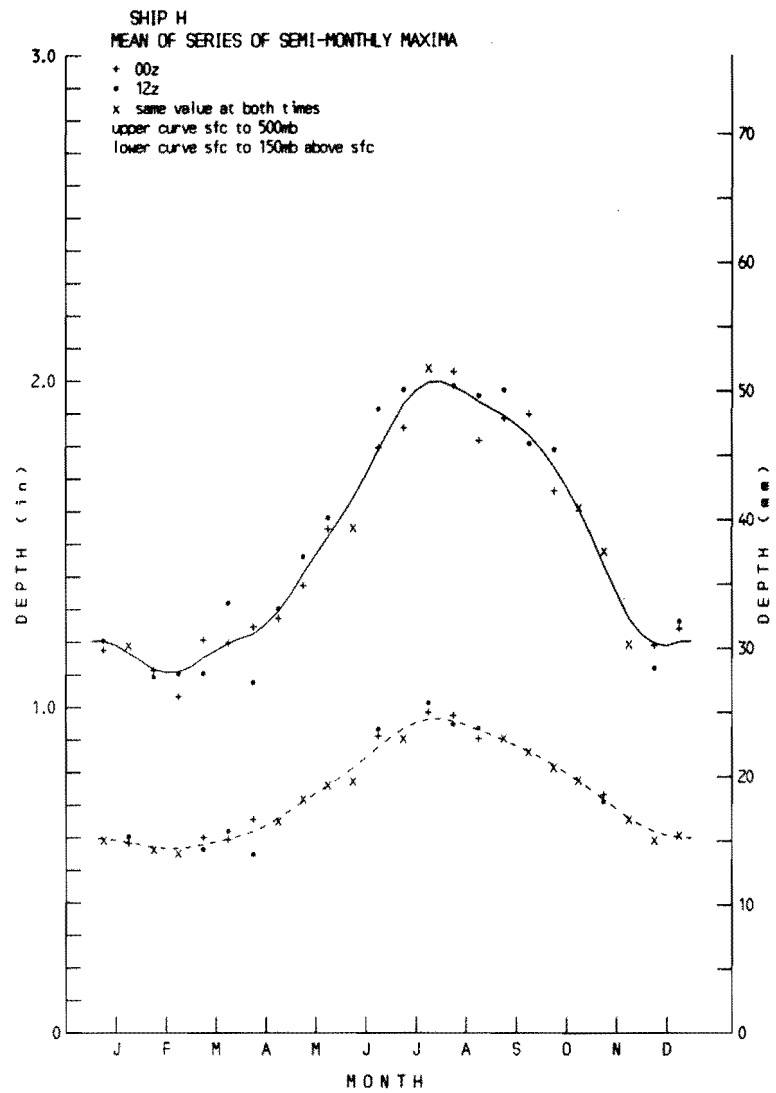

YAKUTAT, ALASKA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


YAKUTAT, ALASKA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

YAKUTAT, ALASKA 20 YEARS OF RECORD

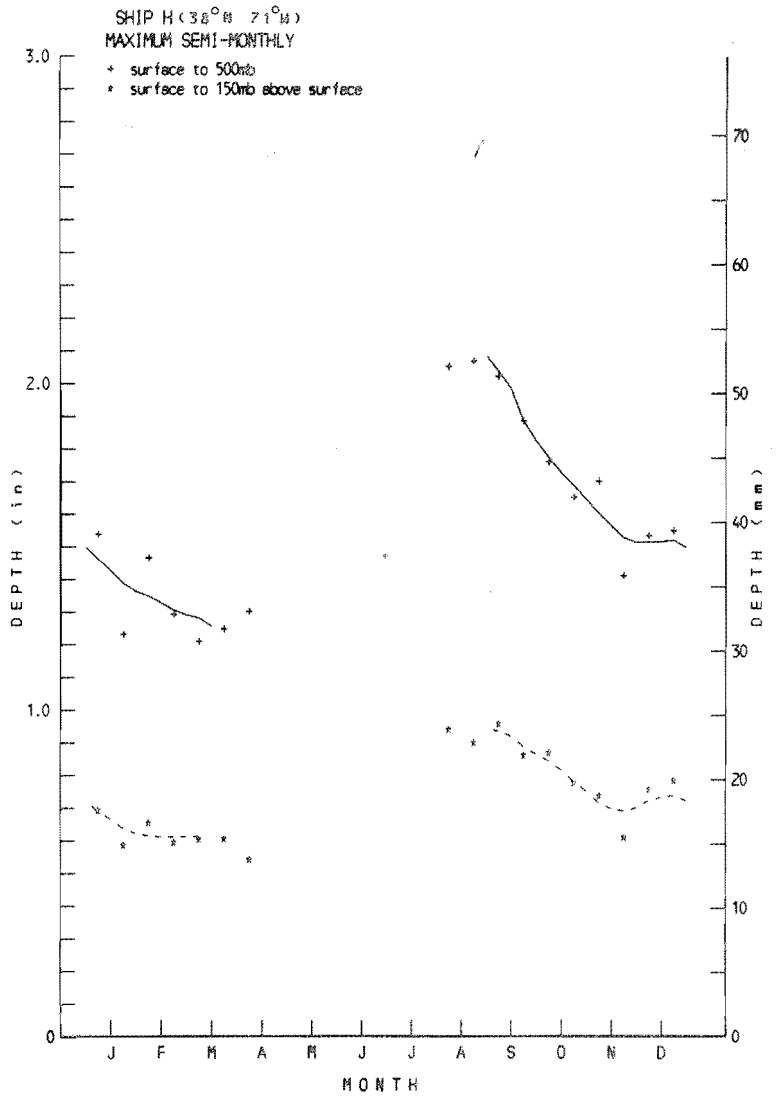
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.7780	(.7000)	60010500	1.2660	(.4984)	.3194	(.1258)	1.2782	(.5032)	.2220	(.0874)	JAN-1
2	1.8666	(.7349)	62013012	1.2348	(.4861)	.3495	(.1376)	1.2616	(.4967)	.3152	(.1241)	2
FEB-1	1.9693	(.7753)	68020900	1.2457	(.4904)	.2900	(.1142)	1.2854	(.5060)	.2762	(.1088)	FEB-1
2	2.2045	(.8679)	68022712	1.2543	(.4938)	.3347	(.1318)	1.1909	(.4689)	.2922	(.1150)	2
MAR-1	1.8796	(.7400)	65031000	1.1823	(.4655)	.3147	(.1239)	1.2409	(.4885)	.2710	(.1067)	MAR-1
2	1.6612	(.6540)	51031903	1.1825	(.4656)	.2484	(.0978)	1.2873	(.5068)	.2216	(.0873)	2
APR-1	1.5690	(.6177)	66040312	1.2332	(.4855)	.1460	(.0575)	1.2366	(.4869)	.1352	(.0532)	APR-1
2	1.8717	(.7369)	61042612	1.3205	(.5199)	.2927	(.1152)	1.3822	(.5442)	.2580	(.1016)	2
MAY-1	2.3480	(.9244)	59051500	1.6112	(.6343)	.2675	(.1053)	1.6107	(.6341)	.2377	(.0936)	MAY-1
2	2.3749	(.9350)	69052512	1.7786	(.7003)	.2084	(.0820)	1.8003	(.7088)	.2720	(.1071)	2
JUN-1	2.7092	(1.0666)	50061503	2.0107	(.7916)	.3075	(.1211)	2.0646	(.8128)	.3153	(.1241)	JUN-1
2	3.1140	(1.2260)	50061603	2.2408	(.8822)	.3215	(.1266)	2.2718	(.8944)	.2975	(.1171)	2
JUL-1	3.1455	(1.2384)	52071315	2.4074	(.9478)	.3065	(.1207)	2.5373	(.9989)	.2839	(.1118)	JUL-1
2	3.2372	(1.2745)	60072900	2.6543	(1.0450)	.2816	(.1109)	2.6476	(1.0423)	.2439	(.0960)	2
AUG-1	3.5456	(1.3959)	53080403	2.6573	(1.0462)	.3802	(.1497)	2.7579	(1.0858)	.3592	(.1414)	AUG-1
2	3.9017	(1.5361)	54082415	2.6011	(1.0240)	.3571	(.1406)	2.7524	(1.0836)	.4021	(.1583)	2
SEP-1	3.5570	(1.4004)	56091115	2.6101	(1.0276)	.4544	(.1789)	2.4274	(.9557)	.4153	(.1635)	SEP-1
2	3.1354	(1.2344)	67091712	2.2745	(.8955)	.3545	(.1395)	2.3732	(.9343)	.4283	(.1686)	2
OCT-1	2.5062	(.9867)	69100400	2.0009	(.7877)	.3282	(.1292)	1.9481	(.7670)	.2899	(.1141)	OCT-1
2	2.5944	(1.0214)	52101915	1.7081	(.6725)	.3276	(.1290)	1.6471	(.6485)	.3643	(.1434)	2
NOV-1	2.2515	(.8864)	57110200	1.5407	(.6066)	.2765	(.1089)	1.5448	(.6082)	.2522	(.0993)	NOV-1
2	2.4905	(.9805)	67112112	1.4281	(.5622)	.3083	(.1214)	1.4685	(.5781)	.3699	(.1456)	2
DEC-1	2.0109	(.7917)	63121200	1.4053	(.5533)	.2871	(.1130)	1.4309	(.5634)	.3208	(.1263)	DEC-1
2	2.0069	(.7901)	67122912	1.2979	(.5110)	.3309	(.1303)	1.3835	(.5447)	.3195	(.1258)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.7150	(.2815)	58010600	.5761	(.2268)	.0860	(.0339)	.5776	(.2274)	.0858	(.0338)	JAN-1
2	.8329	(.3279)	62013012	.5637	(.2219)	.1094	(.0431)	.5717	(.2251)	.1098	(.0432)	2
FEB-1	.8430	(.3319)	54020515	.5830	(.2295)	.0933	(.0367)	.5873	(.2312)	.0870	(.0342)	FEB-1
2	.8628	(.3397)	68022700	.5864	(.2309)	.0990	(.0390)	.5694	(.2242)	.0925	(.0364)	2
MAR-1	.7320	(.2882)	68030112	.5551	(.2186)	.0851	(.0335)	.5699	(.2244)	.0877	(.0345)	MAR-1
2	.7158	(.2818)	69033112	.5652	(.2225)	.0823	(.0324)	.5751	(.2264)	.0850	(.0335)	2
APR-1	.6701	(.2638)	60040800	.5914	(.2328)	.0452	(.0178)	.5740	(.2260)	.0487	(.0192)	APR-1
2	.7998	(.3149)	65042600	.5998	(.2361)	.0944	(.0372)	.6186	(.2435)	.0796	(.0313)	2
MAY-1	.9850	(.3878)	59051500	.7387	(.2908)	.0817	(.0322)	.7166	(.2821)	.0914	(.0360)	MAY-1
2	1.0381	(.4087)	69052512	.8008	(.3153)	.0792	(.0312)	.7972	(.3139)	.1006	(.0396)	2
JUN-1	1.0521	(.4142)	67061412	.9031	(.3556)	.0919	(.0362)	.9051	(.3563)	.0845	(.0333)	JUN-1
2	1.2913	(.5084)	50061703	.9786	(.3853)	.1121	(.0441)	1.0082	(.3969)	.0916	(.0361)	2
JUL-1	1.2603	(.4962)	53071203	1.0816	(.4258)	.0879	(.0346)	1.1002	(.4332)	.0846	(.0333)	JUL-1
2	1.3683	(.5387)	58072800	1.1495	(.4526)	.0954	(.0375)	1.1448	(.4507)	.0869	(.0342)	2
AUG-1	1.4430	(.5681)	53080403	1.1700	(.4606)	.1011	(.0398)	1.1372	(.4477)	.0929	(.0366)	AUG-1
2	1.3345	(.5254)	50082403	1.1653	(.4588)	.1077	(.0424)	1.1467	(.4515)	.1019	(.0401)	2
SEP-1	1.3335	(.5250)	56091303	1.1436	(.4502)	.1106	(.0435)	1.0690	(.4208)	.1041	(.0410)	SEP-1
2	1.2680	(.4992)	57092712	1.0378	(.4086)	.1157	(.0455)	1.0448	(.4113)	.1298	(.0511)	2
OCT-1	1.1206	(.4412)	58100100	.9485	(.3734)	.1207	(.0475)	.9114	(.3588)	.1037	(.0408)	OCT-1
2	1.1326	(.4459)	52101915	.8166	(.3215)	.1242	(.0489)	.7971	(.3138)	.1245	(.0490)	2
NOV-1	1.0500	(.4134)	57110200	.7597	(.2991)	.1223	(.0482)	.7521	(.2961)	.0943	(.0371)	NOV-1
2	.8796	(.3463)	67112112	.6674	(.2627)	.1039	(.0409)	.6755	(.2659)	.1060	(.0417)	2
DEC-1	.7927	(.3121)	62121112	.6436	(.2534)	.0869	(.0342)	.6376	(.2510)	.1069	(.0421)	DEC-1
2	.8133	(.3202)	60122900	.6167	(.2428)	.1324	(.0521)	.6291	(.2477)	.1087	(.0428)	2

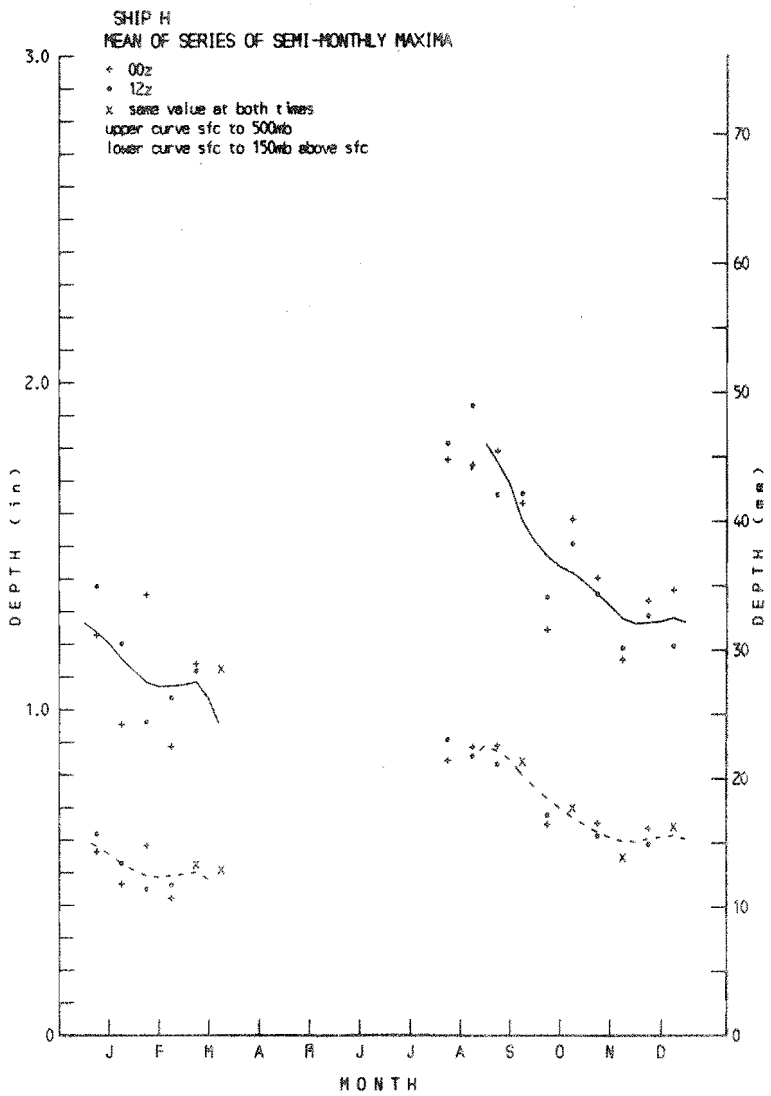

SHIP H (36°N 70°W)
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


SHIP H
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

SHIP H 5 YEARS OF RECORD

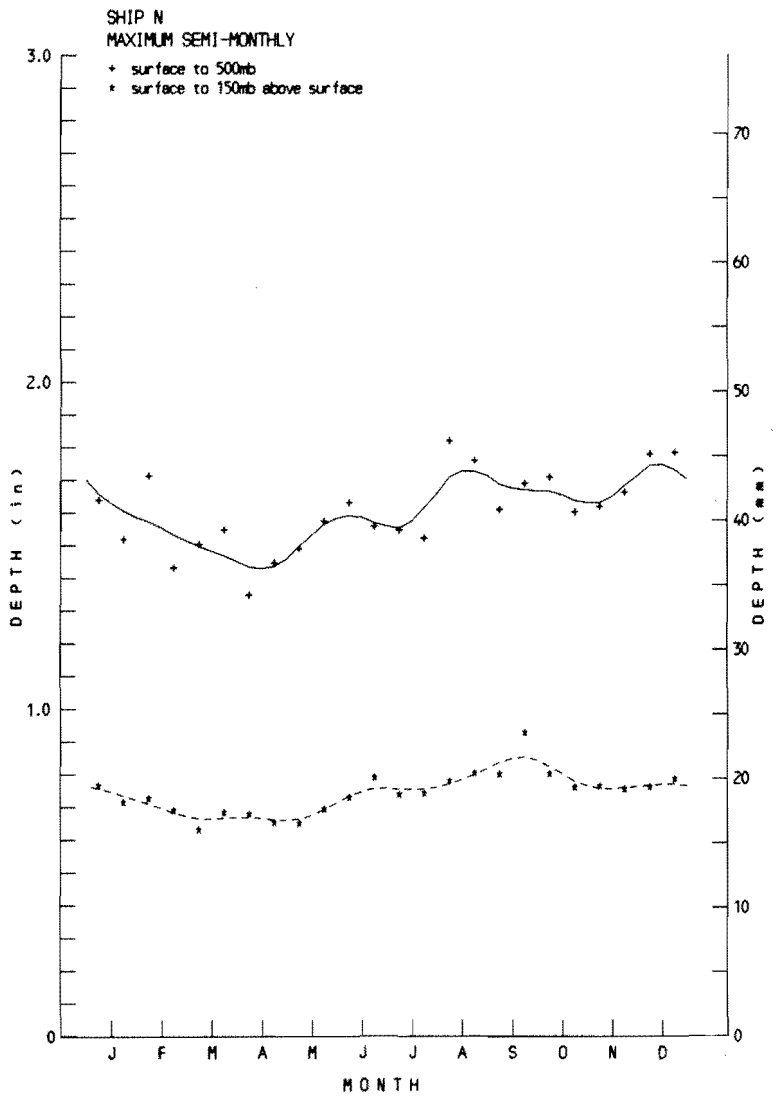
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.6650	(1.4429)	53011103	2.9811	(1.1737)	.5207	(.2050)	3.0553	(1.2029)	.2043	(.0804)	JAN-1
2	3.4376	(1.3534)	52012315	3.0336	(1.1943)	.3688	(.1452)	3.0302	(1.1930)	.3473	(.1367)	2
FEB-1	3.6071	(1.4201)	53020815	2.8253	(1.1123)	.3820	(.1504)	2.7728	(1.0917)	.6296	(.2479)	FEB-1
2	3.4841	(1.3717)	53022203	2.6193	(1.0312)	.5453	(.2147)	2.7965	(1.1010)	.5781	(.2276)	2
MAR-1	3.6401	(1.4331)	53031403	3.0609	(1.2051)	.3418	(.1346)	2.7997	(1.1022)	.4191	(.1650)	MAR-1
2	3.6949	(1.4547)	53032503	3.0371	(1.1957)	.4542	(.1788)	3.3490	(1.3185)	.2735	(.1077)	2
APR-1	3.4887	(1.3735)	51041303	3.1635	(1.2455)	.3822	(.1505)	2.7313	(1.0753)	.7175	(.2825)	APR-1
2	3.6792	(1.4485)	53041915	3.2309	(1.2720)	.2703	(.1064)	3.3068	(1.3019)	.3782	(.1489)	2
MAY-1	4.2700	(1.6811)	54051515	3.4853	(1.3722)	.3411	(.1343)	3.7098	(1.4605)	.6209	(.2445)	MAY-1
2	4.3538	(1.7141)	54053103	3.9261	(1.5457)	.4336	(.1707)	4.0153	(1.5808)	.3041	(.1197)	2
JUN-1	4.6286	(1.8223)	54060503	3.9364	(1.5498)	.5792	(.2281)	3.9610	(1.5594)	.3655	(.1439)	JUN-1
2	5.2713	(2.0753)	49062515	4.5578	(1.7944)	.4795	(.1888)	4.8590	(1.9130)	.4748	(.1869)	2
JUL-1	5.4005	(2.1262)	53071215	4.7121	(1.8552)	.3700	(.1457)	5.0110	(1.9728)	.3213	(.1265)	JUL-1
2	5.3569	(2.1090)	53072503	5.2019	(2.0480)	.1649	(.0649)	5.1800	(2.0394)	.1070	(.0421)	2
AUG-1	5.3462	(2.1048)	53080703	5.1486	(2.0270)	.2073	(.0816)	5.0384	(1.9836)	.2959	(.1165)	AUG-1
2	5.4867	(2.1601)	49083115	4.6121	(1.8158)	.4762	(.1875)	4.9633	(1.9540)	.4417	(.1739)	2
SEP-1	5.4483	(2.1450)	53090615	4.7861	(1.8843)	.4192	(.1651)	5.0066	(1.9711)	.4880	(.1921)	SEP-1
2	5.2583	(2.0702)	51091815	4.8176	(1.8967)	.3734	(.1470)	4.5882	(1.8064)	.6300	(.2480)	2
OCT-1	5.2065	(2.0498)	51101115	4.2219	(1.6622)	.6956	(.2739)	4.5415	(1.7880)	.5721	(.2252)	OCT-1
2	4.6495	(1.8305)	49101603	4.1120	(1.6189)	.4363	(.1718)	4.0998	(1.6141)	.2911	(.1146)	2
NOV-1	4.5204	(1.7797)	49110203	3.7632	(1.4816)	.5122	(.2016)	3.7664	(1.4828)	.4468	(.1759)	NOV-1
2	3.7104	(1.4608)	53112515	3.0622	(1.2056)	.4744	(.1868)	3.0202	(1.1890)	.5195	(.2045)	2
DEC-1	3.6525	(1.4380)	53121403	3.0189	(1.1885)	.4716	(.1857)	2.8421	(1.1189)	.4222	(.1662)	DEC-1
2	4.1580	(1.6370)	51122215	3.1488	(1.2397)	.1056	(.0416)	3.2061	(1.2622)	.6766	(.2664)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.7112	(.6737)	53011015	1.4952	(.5886)	.1295	(.0510)	1.5315	(.6029)	.1797	(.0707)	JAN-1
2	1.6152	(.6359)	54012215	1.4769	(.5814)	.0916	(.0361)	1.5277	(.6015)	.1000	(.0394)	2
FEB-1	1.7366	(.6837)	53020403	1.4602	(.5749)	.2164	(.0852)	1.4171	(.5579)	.2941	(.1158)	FEB-1
2	1.7140	(.6748)	50021603	1.3907	(.5475)	.2220	(.0874)	1.4269	(.5618)	.1982	(.0780)	2
MAR-1	1.7254	(.6793)	54031415	1.5206	(.5986)	.1447	(.0570)	1.4279	(.5622)	.2036	(.0802)	MAR-1
2	1.7013	(.6698)	52032515	1.5044	(.5923)	.1110	(.0437)	1.5697	(.6180)	.1231	(.0485)	2
APR-1	1.7137	(.6747)	52041503	1.6613	(.6541)	.0519	(.0204)	1.3910	(.5476)	.2302	(.0906)	APR-1
2	1.7958	(.7070)	53042703	1.6781	(.6607)	.1526	(.0601)	1.6437	(.6471)	.0806	(.0317)	2
MAY-1	2.0297	(.7991)	54051515	1.8608	(.7326)	.1135	(.0447)	1.8113	(.7131)	.1484	(.0584)	MAY-1
2	2.2017	(.8668)	53052315	1.9354	(.7619)	.2126	(.0837)	1.9523	(.7686)	.1405	(.0553)	2
JUN-1	2.2652	(.8918)	54060403	1.9947	(.7853)	.2211	(.0870)	1.9541	(.7693)	.1872	(.0737)	JUN-1
2	2.5646	(1.0097)	52062615	2.3137	(.9109)	.1665	(.0655)	2.3675	(.9321)	.1546	(.0609)	2
JUL-1	2.5552	(1.0060)	53070215	2.2963	(.9040)	.1374	(.0541)	2.3179	(.9126)	.1540	(.0606)	JUL-1
2	2.7935	(1.0998)	49072315	2.4996	(.9841)	.1732	(.0682)	2.5727	(1.0129)	.1801	(.0709)	2
AUG-1	2.5502	(1.0040)	51080115	2.4751	(.9744)	.0401	(.0158)	2.4061	(.9473)	.1218	(.0480)	AUG-1
2	2.5497	(1.0038)	49083115	2.2954	(.9037)	.1166	(.0459)	2.3765	(.9356)	.1019	(.0401)	2
SEP-1	2.5883	(1.0190)	50090415	2.2875	(.9006)	.1069	(.0421)	2.3348	(.9192)	.1738	(.0684)	SEP-1
2	2.5657	(1.0101)	51091915	2.1786	(.8577)	.1760	(.0693)	2.2291	(.8776)	.2197	(.0865)	2
OCT-1	2.2949	(.9035)	50100903	2.0728	(.8161)	.2373	(.0934)	2.0917	(.8235)	.1382	(.0544)	OCT-1
2	2.1615	(.8510)	52101603	1.9889	(.7830)	.1738	(.0684)	1.9776	(.7786)	.1250	(.0492)	2
NOV-1	2.1445	(.8443)	49110203	1.8578	(.7314)	.2737	(.1077)	1.8033	(.7100)	.2933	(.1155)	NOV-1
2	2.0132	(.7926)	51111715	1.6861	(.6638)	.2737	(.1078)	1.6634	(.6549)	.2285	(.0900)	2
DEC-1	1.8019	(.7094)	53121303	1.5165	(.5970)	.2777	(.1093)	1.5109	(.5948)	.1783	(.0702)	DEC-1
2	1.8252	(.7186)	49122315	1.5668	(.6169)	.1967	(.0774)	1.5374	(.6053)	.2229	(.0877)	2

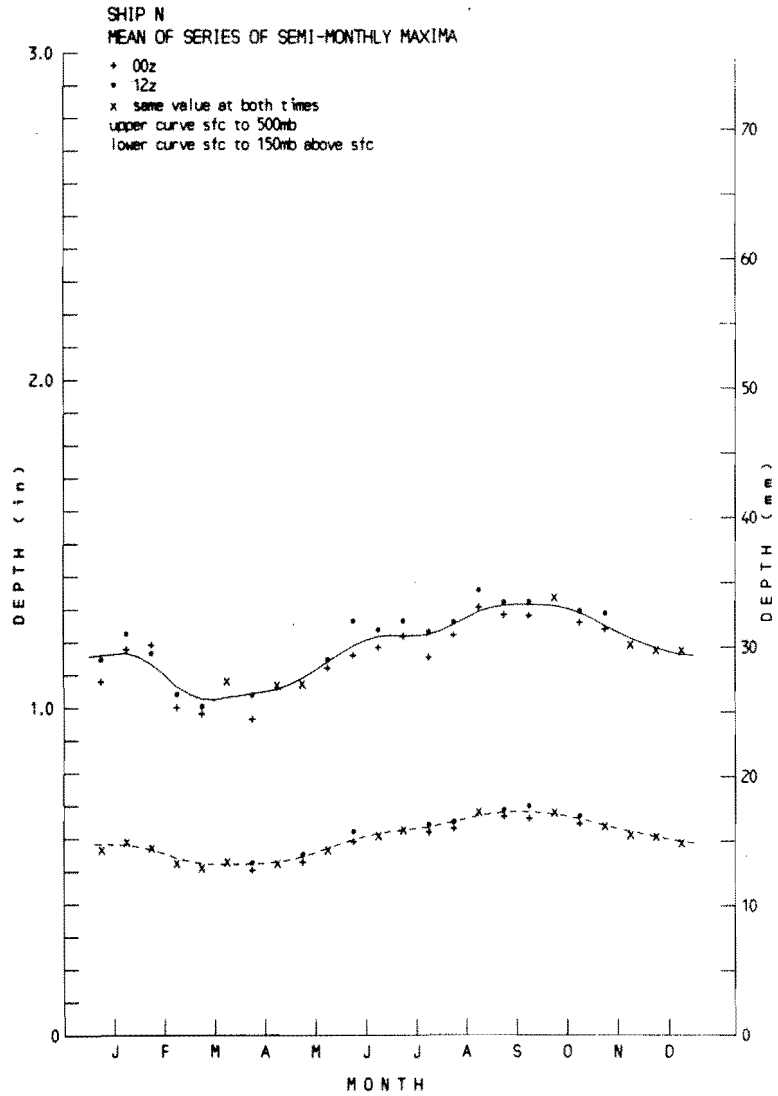

SHIP H (38°N 71°W)
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


SHIP H
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

SHIP H 3 YEARS OF RECORD

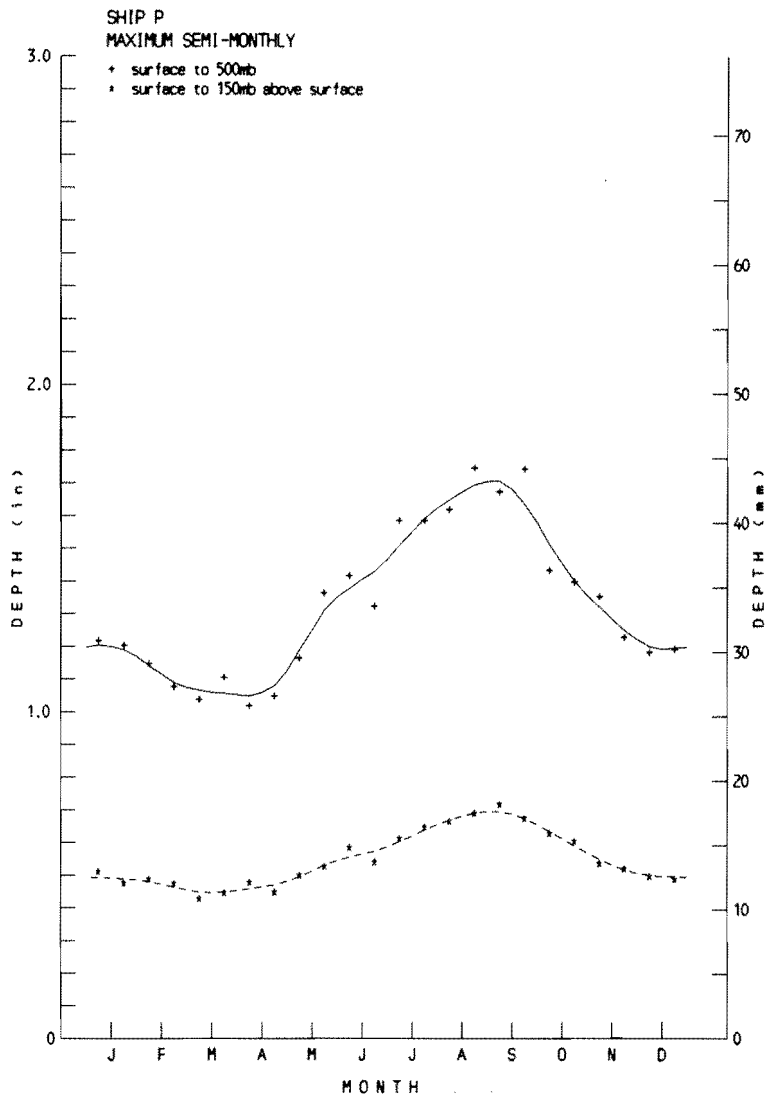
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.9047	(1.5373)	72010512	3.1156	(1.2266)	.9056	(.3565)	3.4953	(1.3761)	.5790	(.2280)	JAN-1
2	3.1267	(1.2310)	72012312	2.4202	(.9529)	.7362	(.2898)	3.0479	(1.2000)	.1115	(.0439)	2
FEB-1	3.7211	(1.4650)	71020900	3.4270	(1.3492)	.4160	(.1638)	2.4394	(.9604)	.4242	(.1670)	FEB-1
2	3.2809	(1.2917)	71022312	2.2471	(.8847)	.6068	(.2389)	2.6272	(1.0343)	.9736	(.3833)	2
MAR-1	3.0711	(1.2091)	71030400	2.8931	(1.1390)	.2111	(.0831)	2.8356	(1.1164)	.0642	(.0253)	MAR-1
2	3.1702	(1.2481)	70032700	2.8764	(1.1324)	.2880	(.1134)	2.8601	(1.1260)	.2375	(.0935)	2
APR-1	3.3053	(1.3013)	70040212	.9385	(.3695)	.6150	(.2421)	1.8842	(.7418)	2.0098	(.7913)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUL-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUL-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
AUG-1	5.2067	(2.0499)	70081400	4.4772	(1.7627)	.6374	(.2510)	4.6051	(1.8130)	.3040	(.1197)	AUG-1
2	5.2469	(2.0657)	71082812	4.4329	(1.7452)	.1060	(.0417)	4.8983	(1.9285)	.4402	(.1733)	2
SEP-1	5.1305	(2.0199)	72090212	4.5425	(1.7884)	.4303	(.1694)	4.2047	(1.6554)	.9242	(.3639)	SEP-1
2	4.7864	(1.8844)	71093012	4.1379	(1.6291)	.4048	(.1594)	4.2123	(1.6584)	.8118	(.3196)	2
OCT-1	4.4681	(1.7591)	71100500	3.1555	(1.2423)	1.3464	(.5301)	3.4103	(1.3426)	.8390	(.3303)	OCT-1
2	4.1925	(1.6506)	71102412	4.0118	(1.5795)	.0600	(.0236)	3.8226	(1.5050)	.3208	(.1263)	2
NOV-1	4.3170	(1.6996)	71110400	3.5568	(1.4003)	.7114	(.2801)	3.4331	(1.3516)	.0644	(.0253)	NOV-1
2	3.5837	(1.4109)	72112012	2.9212	(1.1501)	.4029	(.1586)	3.0119	(1.1858)	.7296	(.2872)	2
DEC-1	3.8951	(1.5335)	72121012	3.3800	(1.3307)	.7288	(.2869)	3.2653	(1.2855)	.6812	(.2682)	DEC-1
2	3.9322	(1.5481)	72122300	3.4627	(1.3633)	.4092	(.1611)	3.0283	(1.1922)	.4651	(.1831)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.7546	(.6908)	72011412	1.4295	(.5628)	.3635	(.1431)	1.5687	(.6176)	.2629	(.1035)	JAN-1
2	1.4854	(.5848)	72012300	1.1781	(.4638)	.4346	(.1711)	1.3396	(.5274)	.1038	(.0409)	2
FEB-1	1.6601	(.6536)	71020900	1.4780	(.5819)	.2576	(.1014)	1.1375	(.4478)	.3145	(.1238)	FEB-1
2	1.5088	(.5940)	71022312	1.0652	(.4194)	.4451	(.1752)	1.1674	(.4596)	.4974	(.1958)	2
MAR-1	1.5311	(.6028)	72030300	1.3600	(.5354)	.1882	(.0741)	1.3269	(.5224)	.1487	(.0585)	MAR-1
2	1.5367	(.6050)	70033000	1.2890	(.5075)	.2385	(.0939)	1.3178	(.5188)	.0950	(.0374)	2
APR-1	1.3757	(.5416)	70040212	.5710	(.2248)	.3068	(.1208)	.8237	(.3243)	.7806	(.3073)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUL-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUL-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
AUG-1	2.3858	(.9393)	70081112	2.1403	(.8426)	.1550	(.0610)	2.3017	(.9062)	.0740	(.0291)	AUG-1
2	2.2855	(.8998)	70081800	2.2453	(.8840)	.0613	(.0241)	2.1740	(.8559)	.0971	(.0382)	2
SEP-1	2.4331	(.9579)	72090300	2.2559	(.8882)	.3057	(.1203)	2.1117	(.8314)	.2078	(.0818)	SEP-1
2	2.1872	(.8611)	71092112	2.1460	(.8449)	.0086	(.0034)	2.1476	(.8455)	.0560	(.0221)	2
OCT-1	2.2075	(.8691)	71100100	1.6422	(.6465)	.6113	(.2407)	1.7140	(.6748)	.3051	(.1201)	OCT-1
2	1.9751	(.7776)	71102512	1.8050	(.7106)	.0980	(.0386)	1.7654	(.6950)	.2229	(.0877)	2
NOV-1	1.8738	(.7377)	71110400	1.6512	(.6501)	.2433	(.0958)	1.5534	(.6116)	.0440	(.0173)	NOV-1
2	1.5499	(.6102)	72112012	1.3940	(.5488)	.1281	(.0504)	1.4050	(.5531)	.1974	(.0777)	2
DEC-1	1.9220	(.7567)	72121000	1.6109	(.6342)	.4069	(.1602)	1.4858	(.5850)	.3699	(.1456)	DEC-1
2	1.9924	(.7844)	72122300	1.6302	(.6418)	.3206	(.1262)	1.6451	(.6477)	.2473	(.0974)	2

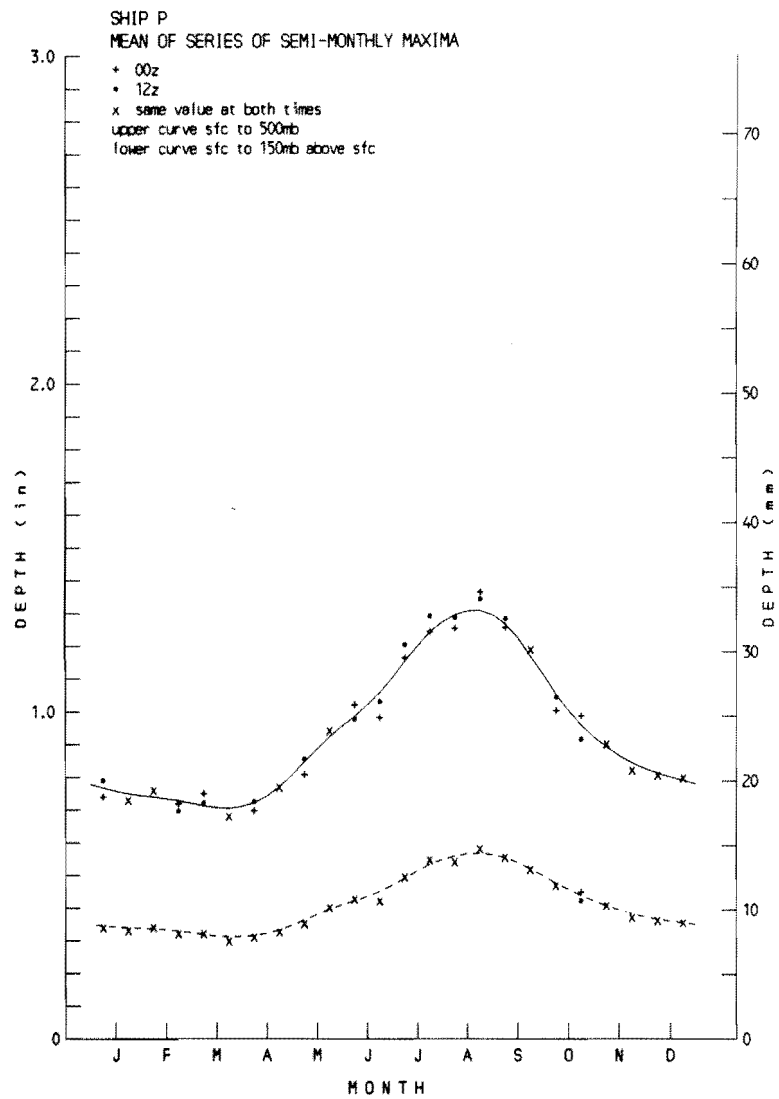

SHIP N
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


SHIP N
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

SHIP N 27 YEARS OF RECORD

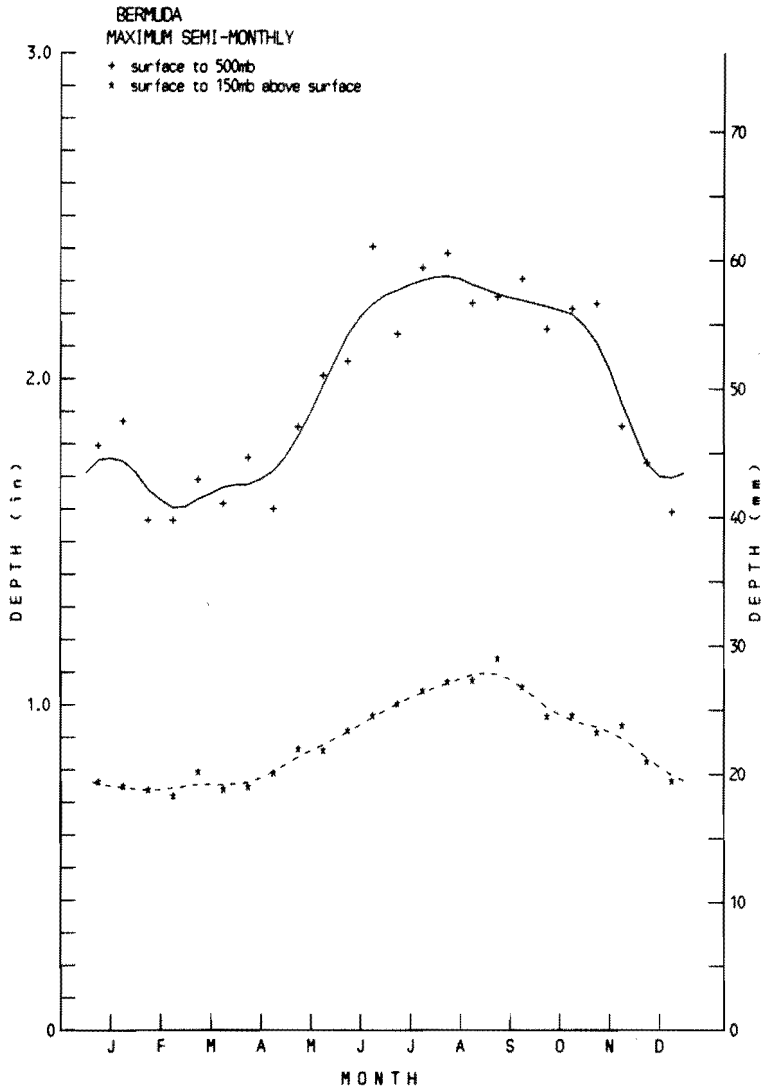
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	4.1590	(1.6374)	56011415	2.7382	(1.0780)	.5597	(.2204)	2.9087	(1.1451)	.6410	(.2524)	JAN-1
2	3.8555	(1.5179)	59011612	2.9893	(1.1769)	.5353	(.2108)	3.1118	(1.2251)	.4004	(.1576)	2
FEB-1	4.3490	(1.7122)	63020200	3.0231	(1.1902)	.5500	(.2165)	2.9597	(1.1652)	.5724	(.2253)	FEB-1
2	3.6347	(1.4310)	68021612	2.5386	(.9994)	.5639	(.2220)	2.6414	(1.0399)	.5919	(.2330)	2
MAR-1	3.8163	(1.5025)	61030300	2.4911	(.9807)	.5324	(.2096)	2.5484	(1.0033)	.4135	(.1628)	MAR-1
2	3.9284	(1.5466)	71032312	2.7459	(1.0811)	.4809	(.1893)	2.7684	(1.0899)	.5098	(.2007)	2
APR-1	3.4221	(1.3473)	59040812	2.4498	(.9645)	.4516	(.1778)	2.6375	(1.0384)	.3962	(.1560)	APR-1
2	3.6731	(1.4461)	65041812	2.7192	(1.0705)	.5408	(.2129)	2.7330	(1.0760)	.5038	(.1983)	2
MAY-1	3.7828	(1.4893)	54050203	2.7151	(1.0689)	.4545	(.1789)	2.7549	(1.0846)	.5000	(.1968)	MAY-1
2	3.9949	(1.5728)	57053003	2.8452	(1.1201)	.4662	(.1835)	2.9107	(1.1459)	.4162	(.1639)	2
JUN-1	4.1402	(1.6300)	53060615	2.9432	(1.1587)	.4744	(.1868)	3.2111	(1.2642)	.5106	(.2010)	JUN-1
2	3.9545	(1.5569)	60061712	3.0068	(1.1838)	.4445	(.1750)	3.1436	(1.2376)	.3934	(.1549)	2
JUL-1	3.9228	(1.5444)	59071100	3.0929	(1.2177)	.4622	(.1820)	3.2118	(1.2645)	.2945	(.1159)	JUL-1
2	3.8613	(1.5202)	61072300	2.9306	(1.1538)	.4569	(.1799)	3.1291	(1.2319)	.3453	(.1359)	2
AUG-1	4.6126	(1.8160)	59080700	3.0994	(1.2202)	.4922	(.1938)	3.2028	(1.2610)	.4631	(.1823)	AUG-1
2	4.4620	(1.7567)	56082215	3.3148	(1.3050)	.5464	(.2151)	3.4480	(1.3575)	.4470	(.1760)	2
SEP-1	4.0836	(1.6077)	51090715	3.2561	(1.2819)	.4291	(.1689)	3.3518	(1.3196)	.3754	(.1478)	SEP-1
2	4.2855	(1.6872)	50092303	3.2467	(1.2782)	.4782	(.1883)	3.3567	(1.3215)	.4288	(.1688)	2
OCT-1	4.3335	(1.7061)	62101300	3.4037	(1.3400)	.4453	(.1753)	3.4014	(1.3391)	.4205	(.1656)	OCT-1
2	4.0640	(1.6000)	60101712	3.1903	(1.2560)	.4705	(.1852)	3.2830	(1.2925)	.4340	(.1709)	2
NOV-1	4.1049	(1.6161)	65111212	3.1419	(1.2370)	.4761	(.1874)	3.2646	(1.2853)	.4526	(.1782)	NOV-1
2	4.2172	(1.6603)	50111915	3.0170	(1.1878)	.4818	(.1897)	3.0517	(1.2015)	.4876	(.1920)	2
DEC-1	4.5131	(1.7768)	50120503	3.0158	(1.1873)	.6595	(.2597)	2.9675	(1.1683)	.6455	(.2541)	DEC-1
2	4.5260	(1.7819)	55122215	2.9939	(1.1787)	.5906	(.2325)	2.9845	(1.1750)	.6588	(.2594)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.9439	(.7653)	68011312	1.4279	(.5622)	.2044	(.0805)	1.4659	(.5771)	.2210	(.0870)	JAN-1
2	1.8136	(.7140)	70011800	1.4931	(.5878)	.1677	(.0660)	1.5224	(.5994)	.1279	(.0503)	2
FEB-1	1.8453	(.7265)	61020200	1.4741	(.5804)	.1900	(.0748)	1.4501	(.5709)	.1990	(.0784)	FEB-1
2	1.7518	(.6897)	68022912	1.3280	(.5229)	.2053	(.0808)	1.3579	(.5346)	.1909	(.0752)	2
MAR-1	1.6025	(.6309)	61031400	1.2877	(.5069)	.1562	(.0615)	1.3302	(.5237)	.1433	(.0564)	MAR-1
2	1.7363	(.6836)	72033112	1.3455	(.5297)	.1734	(.0683)	1.3653	(.5375)	.1678	(.0661)	2
APR-1	1.7229	(.6783)	72040112	1.2773	(.5029)	.1804	(.0710)	1.3364	(.5261)	.1562	(.0615)	APR-1
2	1.6594	(.6533)	62042900	1.3518	(.5322)	.2086	(.0821)	1.3350	(.5256)	.1358	(.0535)	2
MAY-1	1.6507	(.6499)	54050203	1.3415	(.5281)	.1411	(.0555)	1.4010	(.5516)	.1516	(.0597)	MAY-1
2	1.7633	(.6942)	68051712	1.4394	(.5667)	.1573	(.0619)	1.4584	(.5742)	.1330	(.0524)	2
JUN-1	1.8534	(.7297)	57061400	1.5001	(.5906)	.1643	(.0647)	1.5787	(.6215)	.1720	(.0677)	JUN-1
2	2.0099	(.7913)	69062600	1.5457	(.6085)	.1742	(.0686)	1.5728	(.6192)	.1538	(.0605)	2
JUL-1	1.8738	(.7377)	68071212	1.5845	(.6238)	.1317	(.0518)	1.6255	(.6399)	.1128	(.0444)	JUL-1
2	1.8824	(.7411)	70072112	1.5761	(.6205)	.1580	(.0622)	1.6356	(.6439)	.1073	(.0422)	2
AUG-1	1.9799	(.7795)	59080612	1.6015	(.6305)	.1541	(.0607)	1.6533	(.6509)	.1247	(.0491)	AUG-1
2	2.0422	(.8040)	56082215	1.7286	(.6805)	.1844	(.0726)	1.7603	(.6930)	.1431	(.0563)	2
SEP-1	2.0315	(.7998)	68091312	1.6925	(.6663)	.1557	(.0613)	1.7457	(.6873)	.1317	(.0518)	SEP-1
2	2.3543	(.9269)	63092412	1.6760	(.6598)	.1477	(.0581)	1.7735	(.6982)	.1634	(.0643)	2
OCT-1	2.0356	(.8014)	68101112	1.7177	(.6763)	.1356	(.0534)	1.7578	(.6920)	.1427	(.0562)	OCT-1
2	1.9301	(.7599)	63102300	1.6304	(.6419)	.1594	(.0627)	1.6965	(.6679)	.1274	(.0502)	2
NOV-1	1.9393	(.7635)	68110712	1.6081	(.6331)	.1691	(.0666)	1.6527	(.6507)	.1596	(.0628)	NOV-1
2	1.9185	(.7553)	50111903	1.5557	(.6125)	.1506	(.0593)	1.5694	(.6179)	.1421	(.0559)	2
DEC-1	1.9324	(.7608)	50120115	1.5421	(.6071)	.1960	(.0772)	1.5538	(.6117)	.2063	(.0812)	DEC-1
2	1.9944	(.7852)	55122215	1.4844	(.5844)	.2180	(.0858)	1.5118	(.5952)	.2213	(.0871)	2

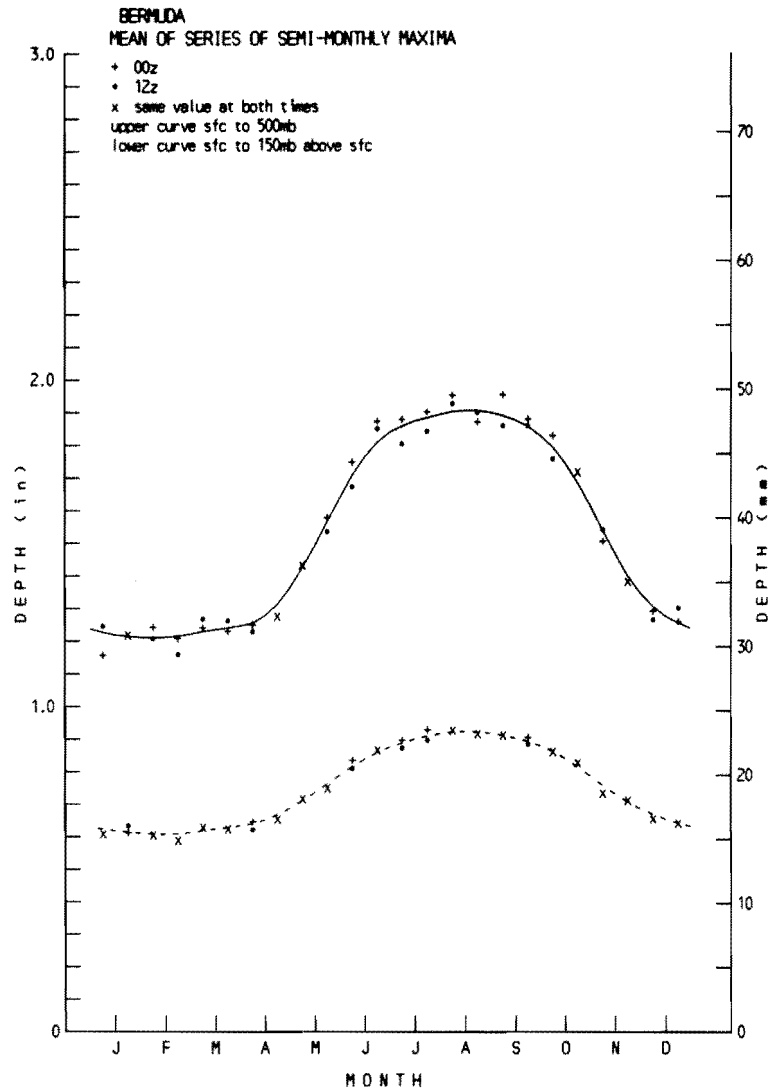

SHIP P
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH


SHIP P
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
3.0
2.0
1.0
0
70
60
50
40
30
20
10
0
J F M A M J J A S O N D
MONTH

SHIP P 26 YEARS OF RECORD

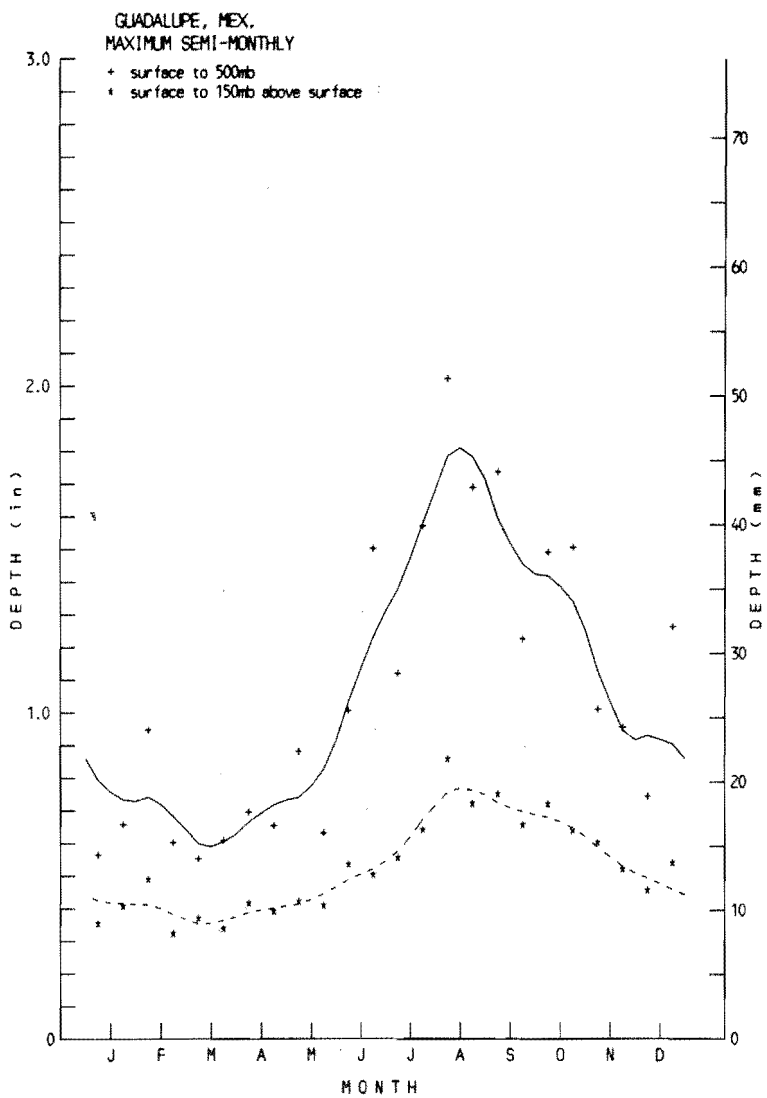
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	3.0894	(1.2163)	47010115	1.8753	(.7383)	.5607	(.2208)	2.0046	(.7892)	.5877	(.2314)	JAN-1
2	3.0526	(1.2018)	63011812	1.8604	(.7324)	.4016	(.1581)	1.8645	(.7341)	.4947	(.1948)	2
FEB-1	2.9119	(1.1464)	47020403	1.9452	(.7658)	.3295	(.1297)	1.9322	(.7607)	.3766	(.1483)	FEB-1
2	2.7320	(1.0756)	61022800	1.8217	(.7172)	.3812	(.1501)	1.7658	(.6952)	.3435	(.1352)	2
MAR-1	2.6325	(1.0364)	49030315	1.9018	(.7487)	.4063	(.1600)	1.8317	(.7211)	.4644	(.1828)	MAR-1
2	2.8037	(1.1038)	52032403	1.7298	(.6810)	.4403	(.1734)	1.7435	(.6864)	.4498	(.1771)	2
APR-1	2.5847	(1.0176)	64040212	1.7696	(.6967)	.2368	(.1129)	1.8397	(.7243)	.3225	(.1270)	APR-1
2	2.6596	(1.0471)	51042715	1.9496	(.7676)	.2739	(.1079)	1.9787	(.7790)	.3993	(.1572)	2
MAY-1	2.9538	(1.1629)	64050612	2.0497	(.8070)	.3822	(.1505)	2.1716	(.8550)	.3784	(.1490)	MAY-1
2	3.4592	(1.3619)	58052600	2.3796	(.9369)	.4978	(.1960)	2.4230	(.9539)	.4142	(.1631)	2
JUN-1	3.5933	(1.4147)	63061000	2.5913	(1.0202)	.4926	(.1939)	2.4827	(.9774)	.5538	(.2180)	JUN-1
2	3.3569	(1.3216)	67061700	2.4934	(.9817)	.5026	(.1979)	2.6177	(1.0306)	.4823	(.1899)	2
JUL-1	4.0203	(1.5828)	52071303	2.9548	(1.1633)	.5046	(.1987)	3.0580	(1.2039)	.4248	(.1672)	JUL-1
2	4.0193	(1.5824)	58072500	3.1582	(1.2434)	.4394	(.1730)	3.2811	(1.2918)	.3791	(.1492)	2
AUG-1	4.1057	(1.6164)	61080712	3.1851	(1.2540)	.3796	(.1495)	3.2699	(1.2874)	.4629	(.1823)	AUG-1
2	4.4265	(1.7427)	49082115	3.4662	(1.3646)	.4193	(.1651)	3.4120	(1.3433)	.3918	(.1543)	2
SEP-1	4.2421	(1.6701)	49090215	3.1899	(1.2559)	.4178	(.1645)	3.2580	(1.2827)	.5044	(.1986)	SEP-1
2	4.4178	(1.7393)	61092012	3.0302	(1.1930)	.5390	(.2122)	3.0298	(1.1928)	.5675	(.2234)	2
OCT-1	3.6340	(1.4307)	70100612	2.5459	(1.0023)	.5128	(.2019)	2.6497	(1.0432)	.5025	(.1978)	OCT-1
2	3.5443	(1.3954)	57102112	2.5049	(.9862)	.5092	(.2005)	2.3247	(.9152)	.6106	(.2404)	2
NOV-1	3.4300	(1.3504)	64111400	2.2794	(.8974)	.5611	(.2209)	2.3171	(.9122)	.4273	(.1682)	NOV-1
2	3.1148	(1.2263)	57112200	2.0950	(.8248)	.5447	(.2144)	2.0958	(.8251)	.4955	(.1951)	2
DEC-1	2.9969	(1.1799)	49121515	2.0450	(.8051)	.4340	(.1709)	2.0662	(.8134)	.5124	(.2017)	DEC-1
2	3.0198	(1.1889)	67122600	2.0370	(.8020)	.5131	(.2020)	2.0295	(.7990)	.4556	(.1794)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.2959	(.5102)	71010612	.8514	(.3352)	.1977	(.0778)	.8906	(.3506)	.2207	(.0869)	JAN-1
2	1.2047	(.4743)	49012303	.8547	(.3365)	.1695	(.0667)	.8450	(.3327)	.1577	(.0621)	2
FEB-1	1.2355	(.4864)	47020315	.8713	(.3430)	.1219	(.0480)	.8770	(.3453)	.1463	(.0576)	FEB-1
2	1.2017	(.4731)	47022315	.8384	(.3301)	.1330	(.0523)	.8097	(.3188)	.1451	(.0571)	2
MAR-1	1.0846	(.4270)	49030315	.8225	(.3238)	.1428	(.0562)	.8292	(.3264)	.1503	(.0592)	MAR-1
2	1.1316	(.4455)	65032412	.7574	(.2982)	.1576	(.0620)	.7761	(.3055)	.1666	(.0656)	2
APR-1	1.2103	(.4765)	61041500	.7985	(.3144)	.1458	(.0574)	.7982	(.3143)	.0897	(.0353)	APR-1
2	1.1344	(.4466)	47042403	.8461	(.3331)	.1204	(.0474)	.8329	(.3279)	.1175	(.0463)	2
MAY-1	1.2664	(.4986)	71050612	.8947	(.3522)	.1137	(.0447)	.9137	(.3597)	.1359	(.0535)	MAY-1
2	1.3348	(.5255)	49051703	1.0260	(.4039)	.1615	(.0636)	1.0321	(.4063)	.1565	(.0616)	2
JUN-1	1.4813	(.5832)	63060900	1.1096	(.4368)	.1862	(.0733)	1.0791	(.4248)	.1830	(.0720)	JUN-1
2	1.3693	(.5391)	63062212	1.0707	(.4215)	.1761	(.0693)	1.0904	(.4293)	.1605	(.0632)	2
JUL-1	1.5509	(.6106)	53070315	1.2752	(.5021)	.1891	(.0744)	1.2581	(.4953)	.1843	(.0725)	JUL-1
2	1.6403	(.6458)	58072812	1.3798	(.5432)	.1218	(.0479)	1.4233	(.5604)	.1451	(.0571)	2
AUG-1	1.6850	(.6634)	53080303	1.3888	(.5468)	.1458	(.0574)	1.3807	(.5436)	.1558	(.0613)	AUG-1
2	1.7480	(.6882)	58082300	1.4895	(.5864)	.1369	(.0539)	1.4824	(.5836)	.1581	(.0623)	2
SEP-1	1.8181	(.7158)	49090215	1.3993	(.5509)	.1768	(.0696)	1.4429	(.5681)	.1784	(.0703)	SEP-1
2	1.7092	(.6729)	61092012	1.3091	(.5154)	.1947	(.0767)	1.3407	(.5278)	.1943	(.0765)	2
OCT-1	1.5913	(.6265)	58100112	1.1980	(.4716)	.1758	(.0692)	1.2018	(.4732)	.1827	(.0719)	OCT-1
2	1.5301	(.6024)	46102403	1.1358	(.4472)	.1941	(.0764)	1.0696	(.4211)	.2213	(.0871)	2
NOV-1	1.3574	(.5344)	57110200	1.0549	(.4153)	.1850	(.0728)	1.0357	(.4077)	.1858	(.0731)	NOV-1
2	1.3178	(.5188)	57112200	.9622	(.3788)	.1892	(.0745)	.9416	(.3707)	.1586	(.0624)	2
DEC-1	1.2576	(.4951)	62120800	.9367	(.3688)	.1688	(.0665)	.9203	(.3623)	.1722	(.0678)	DEC-1
2	1.2329	(.4854)	67122600	.9074	(.3572)	.1697	(.0668)	.9131	(.3595)	.1772	(.0698)	2

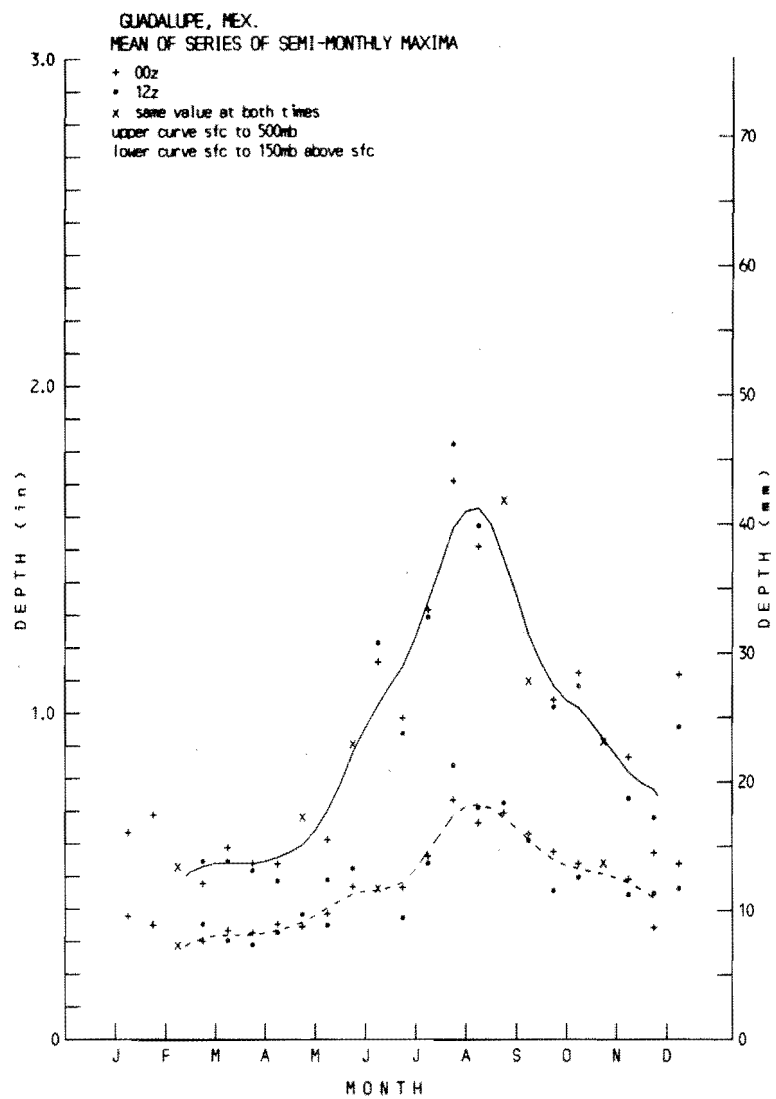

BERMUDA
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
x surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


BERMUDA
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

BERMUDA 27 YEARS OF RECORD

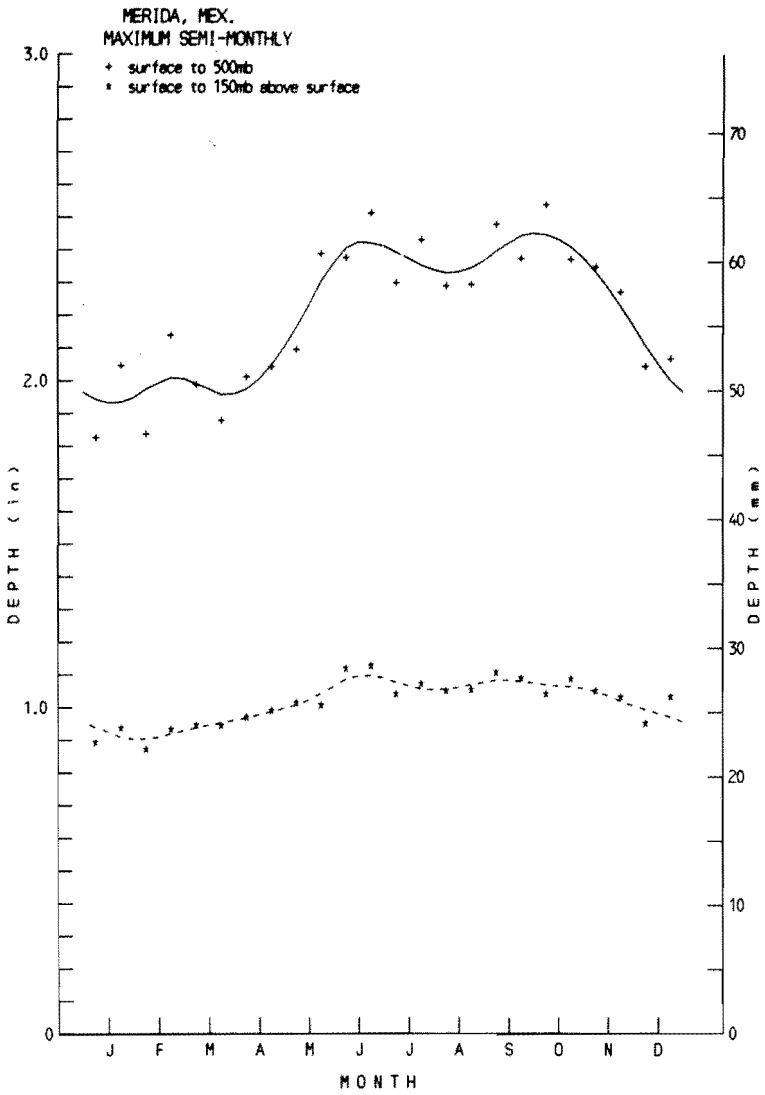
MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	4.5537	(1.7928)	59010312	2.9321	(1.1544)	.5671	(.2233)	3.1597	(1.2440)	.6649	(.2618)	JAN-1
2	4.7460	(1.8685)	48012403	3.0900	(1.2165)	.5188	(.2043)	3.1182	(1.2277)	.4824	(.1899)	2
FEB-1	3.9748	(1.5649)	52020603	3.1509	(1.2405)	.4502	(.1772)	3.0628	(1.2058)	.4096	(.1613)	FEB-1
2	3.9743	(1.5647)	57022803	3.0645	(1.2065)	.4257	(.1676)	2.9403	(1.1576)	.5326	(.2097)	2
MAR-1	4.2906	(1.6892)	70031412	3.1465	(1.2388)	.5258	(.2070)	3.2147	(1.2656)	.5708	(.2247)	MAR-1
2	4.1039	(1.6157)	47031615	3.1200	(1.2284)	.5404	(.2128)	3.2001	(1.2599)	.5194	(.2045)	2
APR-1	4.4618	(1.7566)	52040703	3.1698	(1.2480)	.6147	(.2420)	3.1172	(1.2273)	.6325	(.2490)	APR-1
2	4.0643	(1.6001)	60042900	3.2572	(1.2823)	.4290	(.1689)	3.2391	(1.2752)	.3679	(.1449)	2
MAY-1	4.7015	(1.8510)	57051403	3.6481	(1.4363)	.6465	(.2545)	3.6478	(1.4362)	.5698	(.2243)	MAY-1
2	5.1011	(2.0083)	68053100	4.0027	(1.5759)	.4958	(.1952)	3.8954	(1.5336)	.5666	(.2231)	2
JUN-1	5.2121	(2.0520)	46060503	4.4346	(1.7459)	.4261	(.1677)	4.2434	(1.6706)	.5687	(.2239)	JUN-1
2	6.1062	(2.4040)	58061712	4.7516	(1.8707)	.4165	(.1640)	4.6945	(1.8482)	.5705	(.2246)	2
JUL-1	5.4259	(2.1362)	57070412	4.7671	(1.8768)	.4147	(.1633)	4.5779	(1.8023)	.5154	(.2029)	JUL-1
2	5.9418	(2.3393)	46072703	4.8256	(1.8998)	.4666	(.1837)	4.6744	(1.8403)	.4555	(.1793)	2
AUG-1	6.0549	(2.3838)	56080815	4.9543	(1.9505)	.3629	(.1429)	4.8897	(1.9251)	.5740	(.2260)	AUG-1
2	5.6672	(2.2312)	56083115	4.7455	(1.8683)	.3726	(.1467)	4.8189	(1.8972)	.4909	(.1933)	2
SEP-1	5.7150	(2.2500)	56091003	4.9581	(1.9520)	.4476	(.1762)	4.7159	(1.8566)	.5430	(.2138)	SEP-1
2	5.8555	(2.3053)	50092315	4.7683	(1.8773)	.3636	(.1431)	4.7165	(1.8569)	.5254	(.2069)	2
OCT-1	5.4638	(2.1511)	57100912	4.6389	(1.8263)	.5224	(.2057)	4.4586	(1.7554)	.5680	(.2236)	OCT-1
2	5.6231	(2.2138)	55101903	4.3916	(1.7290)	.6219	(.2448)	4.3506	(1.7128)	.5028	(.1979)	2
NOV-1	5.6629	(2.2295)	60110300	3.8172	(1.5029)	.7213	(.2840)	3.9076	(1.5384)	.6837	(.2692)	NOV-1
2	4.7081	(1.8536)	59112300	3.4969	(1.3767)	.6008	(.2365)	3.5378	(1.3928)	.6050	(.2382)	2
DEC-1	4.4239	(1.7417)	53121515	3.2736	(1.2888)	.4279	(.1685)	3.2069	(1.2626)	.4801	(.1890)	DEC-1
2	4.0396	(1.5904)	53122615	3.1910	(1.2563)	.5050	(.1988)	3.2962	(1.2977)	.5598	(.2204)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	1.9329	(.7610)	58010812	1.5377	(.6054)	.1529	(.0602)	1.5714	(.6186)	.1913	(.0753)	JAN-1
2	1.8986	(.7475)	62012000	1.5516	(.6109)	.1498	(.0590)	1.6052	(.6320)	.1564	(.0616)	2
FEB-1	1.8715	(.7368)	59020700	1.5448	(.6082)	.1775	(.0699)	1.5505	(.6104)	.1340	(.0527)	FEB-1
2	1.8237	(.7180)	57022803	1.5240	(.6000)	.1997	(.0786)	1.4827	(.5837)	.2099	(.0826)	2
MAR-1	2.0140	(.7929)	57030115	1.6156	(.6361)	.1783	(.0702)	1.5914	(.6265)	.2327	(.0916)	MAR-1
2	1.8755	(.7384)	59031800	1.5754	(.6202)	.1708	(.0673)	1.6110	(.6342)	.1606	(.0632)	2
APR-1	1.8953	(.7462)	62041412	1.6368	(.6444)	.1721	(.0678)	1.5721	(.6189)	.2050	(.0807)	APR-1
2	2.0048	(.7893)	52042915	1.6447	(.6475)	.1365	(.0537)	1.6921	(.6662)	.1043	(.0411)	2
MAY-1	2.1915	(.8628)	54051515	1.8520	(.7291)	.1836	(.0723)	1.8021	(.7095)	.2255	(.0888)	MAY-1
2	2.1780	(.8575)	54052415	1.9361	(.7622)	.1482	(.0583)	1.8877	(.7432)	.1920	(.0756)	2
JUN-1	2.3348	(.9192)	58061512	2.1144	(.8324)	.1049	(.0413)	2.0529	(.8082)	.1924	(.0758)	JUN-1
2	2.4516	(.9652)	52062915	2.2129	(.8712)	.1296	(.0510)	2.2026	(.8672)	.1623	(.0639)	2
JUL-1	2.5451	(1.0020)	46071415	2.2723	(.8946)	.0983	(.0387)	2.2104	(.8702)	.1507	(.0593)	JUL-1
2	2.6479	(1.0425)	63072700	2.3524	(.9261)	.1636	(.0644)	2.2705	(.8939)	.1537	(.0605)	2
AUG-1	2.7165	(1.0695)	46080703	2.3652	(.9312)	.1267	(.0499)	2.3596	(.9290)	.1771	(.0697)	AUG-1
2	2.7282	(1.0741)	68082100	2.3363	(.9198)	.1216	(.0479)	2.3312	(.9178)	.1838	(.0724)	2
SEP-1	2.8992	(1.1414)	50090415	2.3201	(.9134)	.1709	(.0673)	2.3289	(.9169)	.2288	(.0901)	SEP-1
2	2.6774	(1.0541)	50092315	2.2925	(.9026)	.1654	(.0651)	2.2404	(.8821)	.1442	(.0568)	2
OCT-1	2.4481	(.9638)	59100200	2.2185	(.8734)	.1687	(.0664)	2.1752	(.8564)	.1593	(.0627)	OCT-1
2	2.4575	(.9675)	62101900	2.1223	(.8356)	.2222	(.0875)	2.0934	(.8242)	.1269	(.0500)	2
NOV-1	2.3231	(.9146)	68111112	1.8832	(.7414)	.2439	(.0960)	1.8578	(.7314)	.2648	(.1043)	NOV-1
2	2.3774	(.9360)	57112600	1.8203	(.7167)	.2269	(.0893)	1.8071	(.7115)	.1547	(.0609)	2
DEC-1	2.0978	(.8259)	53121515	1.6842	(.6631)	.1927	(.0759)	1.6535	(.6510)	.1687	(.0664)	DEC-1
2	1.9431	(.7650)	58121612	1.6157	(.6361)	.2376	(.0935)	1.6564	(.6521)	.1779	(.0700)	2

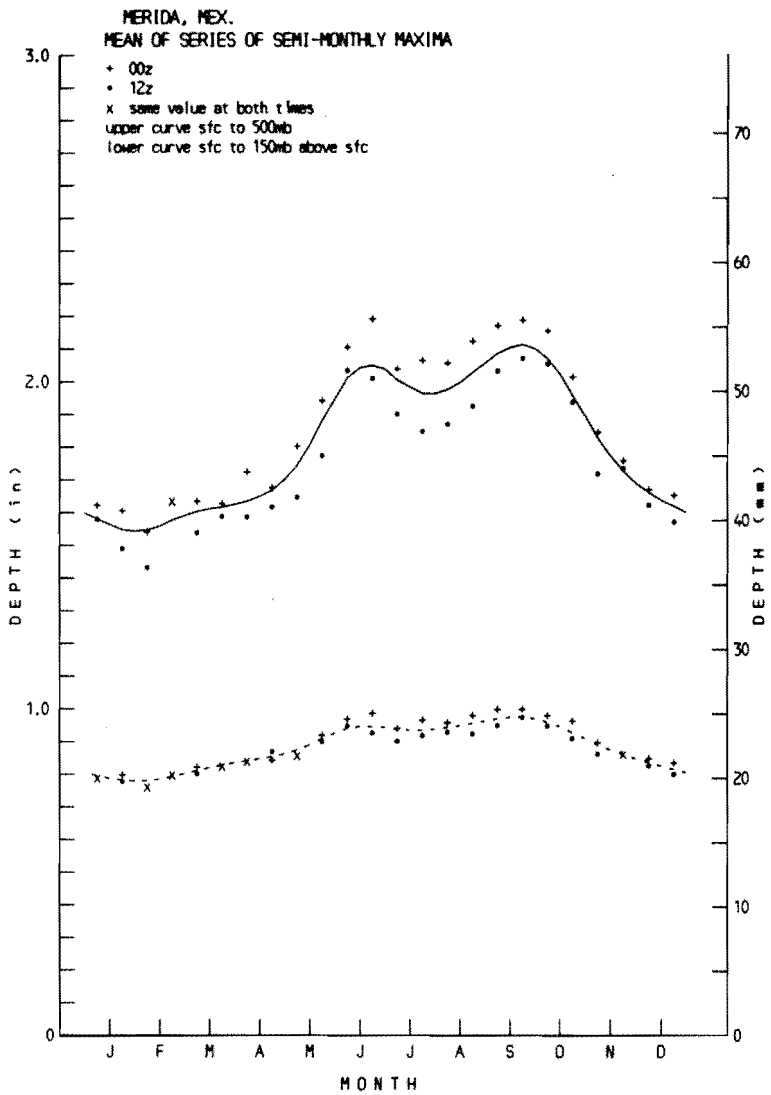

GUADALUPE, MEX.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70


GUADALUPE, MEX.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0 1.0 2.0 3.0
0 10 20 30 40 50 60 70

GUADALUPE, MEX. 2 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	1.4298	(.5629)	72010812	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	1.6667	(.6562)	71013100	1.6064	(.6324)	.0853	(.0336)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	2.4026	(.9459)	72020212	1.7443	(.6867)	.8652	(.3406)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	1.5265	(.6010)	72022200	1.3652	(.5375)	.2281	(.0898)	1.3465	(.5301)	.1757	(.0692)	2
MAR-1	1.4000	(.5512)	72031412	1.2099	(.4764)	.2520	(.0992)	1.3843	(.5450)	.0223	(.0088)	MAR-1
2	1.5415	(.6069)	71032500	1.4900	(.5866)	.0729	(.0287)	1.3811	(.5437)	.0957	(.0377)	2
APR-1	1.7623	(.6938)	72041200	1.3674	(.5383)	.5584	(.2198)	1.3119	(.5165)	.4558	(.1795)	APR-1
2	1.6579	(.6527)	71041800	1.3626	(.5364)	.4176	(.1644)	1.2289	(.4838)	.2392	(.0942)	2
MAY-1	2.2357	(.8802)	71050712	1.7531	(.6902)	.4066	(.1601)	1.7254	(.6793)	.7217	(.2841)	MAY-1
2	1.6007	(.6302)	72052000	1.5512	(.6107)	.0700	(.0276)	1.2395	(.4880)	.0510	(.0201)	2
JUN-1	2.5540	(1.0055)	71061012	2.3081	(.9087)	.0438	(.0173)	2.3094	(.9092)	.3459	(.1362)	JUN-1
2	3.8143	(1.5017)	72062100	2.9317	(1.1542)	1.2483	(.4914)	3.0814	(1.2131)	.8095	(.3187)	2
JUL-1	2.8433	(1.1194)	72070800	2.4978	(.9834)	.4885	(.1923)	2.3800	(.9370)	.2946	(.1160)	JUL-1
2	3.9870	(1.5697)	72073000	3.3364	(1.3135)	.9201	(.3623)	3.2812	(1.2918)	.6861	(.2701)	2
AUG-1	5.1300	(2.0197)	72080712	4.3365	(1.7073)	.2838	(.1117)	4.6218	(1.8196)	.7188	(.2830)	AUG-1
2	4.2857	(1.6873)	72082912	3.8277	(1.5069)	.4384	(.1726)	3.9875	(1.5699)	.4217	(.1660)	2
SEP-1	4.4061	(1.7347)	72090400	4.1974	(1.6525)	.2953	(.1162)	4.2043	(1.6552)	.1697	(.0668)	SEP-1
2	3.1123	(1.2253)	71092000	2.8186	(1.1097)	.4152	(.1635)	2.7785	(1.0939)	.4713	(.1855)	2
OCT-1	3.7826	(1.4892)	72101500	2.6387	(1.0388)	1.6177	(.6369)	2.5819	(1.0165)	.9174	(.3612)	OCT-1
2	3.8214	(1.5045)	72101900	2.8456	(1.1203)	1.3801	(.5433)	2.7436	(1.0801)	.7987	(.3145)	2
NOV-1	2.5646	(1.0097)	71111212	2.3475	(.9242)	.2338	(.0921)	2.3040	(.9071)	.3685	(.1451)	NOV-1
2	2.4247	(.9546)	72111700	2.1894	(.8620)	.3328	(.1310)	1.8687	(.7357)	.1121	(.0441)	2
DEC-1	1.8882	(.7434)	71121312	1.4453	(.5690)	.0409	(.0161)	1.7195	(.6769)	.2387	(.0940)	DEC-1
2	3.2052	(1.2619)	71122300	2.8307	(1.1144)	.5297	(.2085)	2.4232	(.9540)	.7824	(.3080)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	.8951	(.3524)	72010412	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	1.0312	(.4060)	71012100	.9557	(.3763)	.1069	(.0421)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	1.2393	(.4879)	72020512	.8839	(.3480)	.1857	(.0731)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	.8171	(.3217)	72021600	.7442	(.2930)	.1031	(.0406)	.7404	(.2915)	.0298	(.0117)	2
MAR-1	.9370	(.3689)	71031312	.7614	(.2997)	.1906	(.0750)	.8932	(.3516)	.0620	(.0244)	MAR-1
2	.8547	(.3365)	71032500	.8432	(.3319)	.0163	(.0064)	.7666	(.3018)	.0320	(.0126)	2
APR-1	1.0521	(.4142)	72040700	.8252	(.3249)	.3208	(.1263)	.7320	(.2882)	.0586	(.0231)	APR-1
2	.9898	(.3897)	71041800	.8934	(.3517)	.1363	(.0537)	.8291	(.3264)	.1261	(.0496)	2
MAY-1	1.0665	(.4199)	71050812	.8741	(.3441)	.0598	(.0235)	.9691	(.3815)	.1378	(.0542)	MAY-1
2	1.0358	(.4078)	72052100	.9731	(.3831)	.0887	(.0349)	.8851	(.3484)	.0070	(.0028)	2
JUN-1	1.3574	(.5344)	71061112	1.1839	(.4661)	.2080	(.0819)	1.3264	(.5222)	.0438	(.0173)	JUN-1
2	1.2761	(.5024)	72062212	1.1854	(.4667)	.1099	(.0433)	1.1862	(.4670)	.1272	(.0501)	2
JUL-1	1.4079	(.5543)	72071200	1.1787	(.4641)	.3242	(.1276)	.9422	(.3710)	.0767	(.0302)	JUL-1
2	1.6261	(.6402)	72073100	1.4218	(.5597)	.2890	(.1138)	1.3673	(.5383)	.0384	(.0151)	2
AUG-1	2.1778	(.8574)	72080712	1.8594	(.7321)	.0458	(.0180)	2.1274	(.8375)	.0713	(.0281)	AUG-1
2	1.8296	(.7203)	71082112	1.6800	(.6614)	.0409	(.0161)	1.8001	(.7087)	.0417	(.0164)	2
SEP-1	1.9050	(.7500)	71090612	1.7582	(.6922)	.1369	(.0539)	1.8374	(.7234)	.0955	(.0376)	SEP-1
2	1.6655	(.6557)	71092000	1.5959	(.6283)	.0984	(.0387)	1.5443	(.6080)	.1563	(.0615)	2
OCT-1	1.8252	(.7186)	72100600	1.4567	(.5735)	.5212	(.2052)	1.1534	(.4541)	.3854	(.1517)	OCT-1
2	1.6213	(.6383)	72101900	1.3632	(.5367)	.3650	(.1437)	1.2572	(.4949)	.2312	(.0910)	2
NOV-1	1.5268	(.6011)	71111212	1.3565	(.5341)	.1187	(.0467)	1.4072	(.5540)	.1692	(.0666)	NOV-1
2	1.3195	(.5195)	72111700	1.2413	(.4887)	.1106	(.0436)	1.1218	(.4416)	.0526	(.0207)	2
DEC-1	1.1547	(.4546)	71120312	.8651	(.3406)	.0510	(.0201)	1.1293	(.4446)	.0359	(.0141)	DEC-1
2	1.3678	(.5385)	72122800	1.3613	(.5359)	.0092	(.0036)	1.1690	(.4602)	.1654	(.0651)	2


MERIDA, MEX.
MAXIMUM SEMI-MONTHLY
+ surface to 500mb
* surface to 150mb above surface
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70


MERIDA, MEX.
MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
+ 00z
• 12z
x same value at both times
upper curve sfc to 500mb
lower curve sfc to 150mb above sfc
DEPTH (in)
DEPTH (mm)
MONTH
J F M A M J J A S O N D
0
1.0
2.0
3.0
10
20
30
40
50
60
70

MERIDA, MEX. 18 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 500MB								
JAN-1	4.6332	(1.8241)	59010500	4.1182	(1.6213)	.3891	(.1532)	4.0077	(1.5778)	.5568	(.2192)	JAN-1
2	5.1930	(2.0445)	66012600	4.0746	(1.6042)	.5438	(.2141)	3.7809	(1.4886)	.4265	(.1679)	2
FEB-1	4.6614	(1.8352)	65020500	3.9109	(1.5397)	.4145	(.1632)	3.6347	(1.4310)	.4191	(.1650)	FEB-1
2	5.4292	(2.1375)	59022800	4.1679	(1.6409)	.4930	(.1941)	4.1533	(1.6352)	.4125	(.1624)	2
MAR-1	5.0439	(1.9858)	69030312	4.1483	(1.6332)	.3906	(.1538)	3.9061	(1.5378)	.4351	(.1713)	MAR-1
2	4.7676	(1.8770)	64032112	4.1296	(1.6258)	.3702	(.1457)	4.0316	(1.5873)	.4930	(.1941)	2
APR-1	5.1054	(2.0100)	62040700	4.3761	(1.7229)	.5816	(.2290)	4.0278	(1.5858)	.4493	(.1769)	APR-1
2	5.1826	(2.0404)	59041700	4.2544	(1.6750)	.6000	(.2362)	4.1073	(1.6170)	.6377	(.2511)	2
MAY-1	5.3175	(2.0935)	60050200	4.5769	(1.8019)	.4728	(.1861)	4.1815	(1.6463)	.5342	(.2103)	MAY-1
2	6.0620	(2.3866)	59052400	4.9303	(1.9411)	.5624	(.2214)	4.5029	(1.7728)	.5599	(.2204)	2
JUN-1	6.0312	(2.3745)	64060700	5.3452	(2.1044)	.4517	(.1778)	5.1654	(2.0336)	.3904	(.1537)	JUN-1
2	6.3772	(2.5107)	69061900	5.5658	(2.1913)	.3463	(.1363)	5.1046	(2.0097)	.4543	(.1789)	2
JUL-1	5.8359	(2.2976)	58070800	5.1771	(2.0382)	.2997	(.1180)	4.8253	(1.8997)	.2247	(.0885)	JUL-1
2	6.1702	(2.4292)	60071900	5.2412	(2.0635)	.2767	(.1089)	4.6916	(1.8471)	.2634	(.1037)	2
AUG-1	5.8115	(2.2880)	64081500	5.2212	(2.0556)	.2772	(.1091)	4.7477	(1.8692)	.4929	(.1941)	AUG-1
2	5.8235	(2.2927)	60082000	5.3896	(2.1219)	.2147	(.0845)	4.8870	(1.9240)	.5049	(.1988)	2
SEP-1	6.2913	(2.4769)	71091200	5.5107	(2.1696)	.3430	(.1350)	5.1594	(2.0313)	.4671	(.1839)	SEP-1
2	6.0244	(2.3718)	69092800	5.5541	(2.1866)	.3066	(.1207)	5.2585	(2.0703)	.3885	(.1529)	2
OCT-1	6.4437	(2.5369)	64100500	5.4700	(2.1535)	.4084	(.1608)	5.2160	(2.0535)	.4295	(.1691)	OCT-1
2	6.0173	(2.3690)	69101912	5.1123	(2.0127)	.4322	(.1702)	4.9177	(1.9361)	.6261	(.2465)	2
NOV-1	5.9581	(2.3457)	72111300	4.6832	(1.8438)	.6141	(.2418)	4.3610	(1.7169)	.5488	(.2160)	NOV-1
2	5.7625	(2.2687)	63112100	4.4604	(1.7561)	.7790	(.3067)	4.4013	(1.7328)	.6316	(.2486)	2
DEC-1	5.1857	(2.0416)	72121400	4.2372	(1.6682)	.4824	(.1899)	4.1176	(1.6211)	.3680	(.1449)	DEC-1
2	5.2423	(2.0639)	72121600	4.1903	(1.6497)	.4924	(.1938)	3.9855	(1.5691)	.4071	(.1603)	2
				SURFACE TO 150MB ABOVE SURFACE								
JAN-1	2.2642	(.8914)	62011000	2.0324	(.8002)	.1391	(.0548)	1.9841	(.7811)	.1773	(.0698)	JAN-1
2	2.3749	(.9350)	66012600	2.0209	(.7956)	.1754	(.0691)	1.9692	(.7753)	.1429	(.0563)	2
FEB-1	2.2111	(.8705)	59020700	1.9182	(.7552)	.1812	(.0713)	1.9613	(.7722)	.1332	(.0525)	FEB-1
2	2.3647	(.9310)	58022512	2.0091	(.7910)	.1495	(.0588)	2.0556	(.8093)	.1226	(.0483)	2
MAR-1	2.3988	(.9444)	62031300	2.0826	(.8199)	.1698	(.0668)	2.0315	(.7998)	.1300	(.0512)	MAR-1
2	2.3952	(.9430)	58033012	2.0920	(.8236)	.1826	(.0719)	2.1153	(.8328)	.1695	(.0667)	2
APR-1	2.4600	(.9685)	58040200	2.1545	(.8482)	.2059	(.0811)	2.1260	(.8370)	.1585	(.0624)	APR-1
2	2.5118	(.9889)	64042912	2.1382	(.8418)	.1889	(.0744)	2.2038	(.8676)	.1994	(.0785)	2
MAY-1	2.5735	(1.0132)	60050200	2.2058	(.8684)	.1849	(.0728)	2.1677	(.8534)	.1844	(.0726)	MAY-1
2	2.5552	(1.0060)	58051800	2.3329	(.9185)	.1527	(.0601)	2.2820	(.8984)	.1547	(.0609)	2
JUN-1	2.8400	(1.1181)	57061000	2.4586	(.9680)	.1675	(.0660)	2.4041	(.9465)	.1039	(.0409)	JUN-1
2	2.8616	(1.1266)	69062000	2.5045	(.9860)	.1305	(.0514)	2.3516	(.9258)	.1521	(.0599)	2
JUL-1	2.6419	(1.0401)	58071000	2.3851	(.9390)	.1088	(.0429)	2.2873	(.9005)	.0780	(.0307)	JUL-1
2	2.7224	(1.0718)	60071900	2.4514	(.9651)	.1253	(.0493)	2.3306	(.9175)	.0688	(.0271)	2
AUG-1	2.6678	(1.0503)	65080200	2.4306	(.9569)	.1081	(.0425)	2.3568	(.9279)	.1419	(.0558)	AUG-1
2	2.6759	(1.0535)	60082300	2.4859	(.9787)	.1043	(.0411)	2.3420	(.9220)	.1519	(.0598)	2
SEP-1	2.8087	(1.1058)	72090200	2.5335	(.9974)	.1382	(.0544)	2.4085	(.9482)	.1227	(.0483)	SEP-1
2	2.7633	(1.0879)	57091712	2.5349	(.9980)	.0968	(.0381)	2.4717	(.9731)	.1118	(.0440)	2
OCT-1	2.6434	(1.0407)	49100103	2.4852	(.9784)	.1304	(.0513)	2.4050	(.9468)	.1330	(.0523)	OCT-1
2	2.7589	(1.0862)	59102300	2.4429	(.9618)	.1404	(.0553)	2.3067	(.9081)	.1868	(.0735)	2
NOV-1	2.6655	(1.0494)	72111500	2.2739	(.8952)	.2175	(.0856)	2.1862	(.8607)	.2001	(.0788)	NOV-1
2	2.6187	(1.0310)	72112012	2.2055	(.8683)	.1992	(.0784)	2.1858	(.8605)	.1899	(.0748)	2
DEC-1	2.4143	(.9505)	48121403	2.1495	(.8462)	.1815	(.0714)	2.0934	(.8242)	.1457	(.0574)	DEC-1
2	2.6203	(1.0316)	72121600	2.1161	(.8331)	.1703	(.0670)	2.0263	(.7977)	.0995	(.0392)	2

ABILENE, TEX. 15 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	2.4389	(.9602)	64021212	1.5776	(.6211)	.5100	(.2008)	1.6799	(.6614)	.5170	(.2035)	FEB-1
2	2.7089	(1.0665)	67022712	1.7665	(.6955)	.4700	(.1850)	1.8390	(.7240)	.4504	(.1773)	2
MAR-1	2.5128	(.9893)	63030412	1.7928	(.7058)	.3787	(.1491)	1.9278	(.7590)	.3882	(.1528)	MAR-1
2	2.9924	(1.1781)	68033100	2.3295	(.9171)	.4139	(.1629)	2.2007	(.8664)	.3093	(.1218)	2
APR-1	3.3607	(1.3231)	67041212	2.4461	(.9630)	.2773	(.1092)	2.4623	(.9694)	.4565	(.1797)	APR-1
2	3.9751	(1.5650)	70041812	3.0811	(1.2130)	.4329	(.1704)	2.9614	(1.1659)	.4645	(.1829)	2
MAY-1	3.9360	(1.5496)	65051300	3.1154	(1.2265)	.3411	(.1343)	3.0990	(1.2201)	.3814	(.1502)	MAY-1
2	3.9411	(1.5516)	57052315	3.1044	(1.2222)	.3386	(.1333)	3.3152	(1.3052)	.4119	(.1622)	2
JUN-1	3.6838	(1.4503)	61060400	3.5561	(1.4001)	.1805	(.0711)	3.3119	(1.3039)	.3438	(.1353)	JUN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUL-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUL-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
AUG-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	AUG-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
SEP-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	SEP-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
OCT-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
				SURFACE TO 700MB								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	1.8250	(.7185)	69021400	1.1792	(.4643)	.3771	(.1485)	1.2390	(.4878)	.3830	(.1508)	FEB-1
2	1.8938	(.7456)	67022712	1.3259	(.5220)	.3197	(.1259)	1.3402	(.5276)	.3091	(.1217)	2
MAR-1	2.0922	(.8237)	63030412	1.4086	(.5546)	.3312	(.1304)	1.4842	(.5843)	.3491	(.1374)	MAR-1
2	2.3376	(.9203)	68033100	1.7972	(.7075)	.3588	(.1412)	1.6818	(.6621)	.2472	(.0973)	2
APR-1	2.6149	(1.0295)	67041112	1.8707	(.7365)	.2607	(.1026)	1.9684	(.7750)	.3224	(.1269)	APR-1
2	3.0000	(1.1811)	70042912	2.3265	(.9160)	.2958	(.1164)	2.2577	(.8888)	.3255	(.1281)	2
MAY-1	2.8077	(1.1054)	64050812	2.4345	(.9585)	.1872	(.0737)	2.4162	(.9513)	.2312	(.0910)	MAY-1
2	3.0813	(1.2131)	65052612	2.3625	(.9301)	.3273	(.1289)	2.5307	(.9963)	.2801	(.1103)	2
JUN-1	2.9134	(1.1470)	60060200	2.7280	(1.0740)	.2622	(.1032)	2.6255	(1.0336)	.3641	(.1433)	JUN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUL-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUL-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
AUG-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	AUG-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
SEP-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	SEP-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
OCT-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
				SURFACE TO 850MB								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	.9421	(.3709)	61021512	.6013	(.2367)	.1937	(.0763)	.6575	(.2588)	.2322	(.0914)	FEB-1
2	1.0168	(.4003)	71021800	.6769	(.2665)	.1763	(.0694)	.7013	(.2761)	.1814	(.0714)	2
MAR-1	1.0724	(.4222)	63030412	.7334	(.2887)	.1840	(.0725)	.7932	(.3123)	.1971	(.0776)	MAR-1
2	1.2289	(.4838)	63031812	.8783	(.3458)	.1689	(.0665)	.9076	(.3573)	.1533	(.0604)	2
APR-1	1.3058	(.5141)	65041012	.9058	(.3566)	.1892	(.0745)	1.0197	(.4015)	.1764	(.0695)	APR-1
2	1.5281	(.6016)	70042912	1.1656	(.4589)	.1170	(.0461)	1.1881	(.4678)	.1659	(.0653)	2
MAY-1	1.4917	(.5873)	68051512	1.1921	(.4693)	.1036	(.0408)	1.2879	(.5070)	.1078	(.0424)	MAY-1
2	1.4831	(.5839)	60052312	1.1823	(.4655)	.1640	(.0646)	1.2921	(.5087)	.1259	(.0496)	2
JUN-1	1.3599	(.5354)	61060212	1.2002	(.4725)	.0855	(.0337)	1.3409	(.5279)	.0269	(.0106)	JUN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUL-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUL-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
AUG-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	AUG-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
SEP-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	SEP-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
OCT-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2

ALBANY, N.Y. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.3602	(1.3229)	50010403	1.9130	(.7531)	.6128	(.2413)	1.7316	(.6817)	.5086	(.2002)	JAN-1
2	3.3061	(1.3016)	59012200	1.7561	(.6914)	.6811	(.2681)	1.8117	(.7133)	.3889	(.1531)	2
FEB-1	2.8090	(1.1059)	60021112	1.9188	(.7554)	.4505	(.1773)	1.6559	(.6519)	.4756	(.1873)	FEB-1
2	3.0665	(1.2073)	61022600	1.5489	(.6098)	.5452	(.2146)	1.4712	(.5792)	.4678	(.1842)	2
MAR-1	3.0937	(1.2180)	64030512	1.7414	(.6856)	.5424	(.2136)	1.9331	(.7611)	.5900	(.2323)	MAR-1
2	3.1138	(1.2259)	48032203	2.1410	(.8429)	.5260	(.2071)	1.9180	(.7551)	.6004	(.2364)	2
APR-1	3.3779	(1.3299)	47041203	2.3084	(.9088)	.5610	(.2209)	2.3803	(.9371)	.5098	(.2007)	APR-1
2	3.4963	(1.3765)	62042912	2.7086	(1.0664)	.4140	(.1630)	2.6269	(1.0342)	.4288	(.1628)	2
MAY-1	4.2471	(1.6721)	59051200	3.1314	(1.2329)	.4570	(.1799)	2.9203	(1.1497)	.4905	(.1931)	MAY-1
2	4.4572	(1.7548)	59052200	3.3957	(1.3369)	.4718	(.1857)	3.3696	(1.3266)	.5085	(.2002)	2
JUN-1	4.7871	(1.8847)	57061500	4.0034	(1.5761)	.3738	(.1472)	3.8719	(1.5244)	.2867	(.1129)	JUN-1
2	5.3183	(2.0938)	59062900	4.2942	(1.6906)	.4880	(.1921)	3.9896	(1.5707)	.4546	(.1790)	2
JUL-1	4.9337	(1.9424)	46071215	4.2996	(1.6927)	.4641	(.1827)	4.2113	(1.6580)	.4180	(.1646)	JUL-1
2	5.2512	(2.0674)	72072100	4.4884	(1.7671)	.4537	(.1786)	4.4476	(1.7510)	.4784	(.1883)	2
AUG-1	5.2520	(2.0677)	70080100	4.3530	(1.7138)	.4987	(.1963)	4.3197	(1.7007)	.5499	(.2165)	AUG-1
2	5.6269	(2.2153)	69081700	4.5637	(1.7967)	.4806	(.1892)	4.3842	(1.7261)	.4766	(.1876)	2
SEP-1	5.3675	(2.1132)	59090300	4.3288	(1.7043)	.5505	(.2167)	4.1968	(1.6523)	.5421	(.2134)	SEP-1
2	5.0376	(1.9833)	58092612	3.7798	(1.4881)	.6075	(.2392)	3.8132	(1.5013)	.6962	(.2741)	2
OCT-1	4.4366	(1.7467)	59100912	3.2467	(1.2782)	.4717	(.1857)	3.1329	(1.2334)	.5100	(.2008)	OCT-1
2	4.5034	(1.7730)	68101912	3.1591	(1.2437)	.4136	(.1628)	3.1829	(1.2531)	.5104	(.2009)	2
NOV-1	4.2489	(1.6728)	66110312	2.8260	(1.1126)	.6387	(.2515)	2.8977	(1.1408)	.5881	(.2315)	NOV-1
2	3.7313	(1.4690)	58111812	2.4509	(.9649)	.5644	(.2222)	2.3715	(.9336)	.4932	(.1942)	2
DEC-1	3.4676	(1.3652)	67121212	2.1945	(.8640)	.5140	(.2023)	2.2456	(.8841)	.5406	(.2128)	DEC-1
2	3.0968	(1.2192)	71121600	1.8788	(.7397)	.6416	(.2526)	1.8766	(.7388)	.5420	(.2134)	2
				SURFACE TO 700MB								
JAN-1	2.3858	(.9393)	50010403	1.3757	(.5416)	.4600	(.1811)	1.2320	(.4850)	.3949	(.1555)	JAN-1
2	2.2857	(.8999)	47013103	1.3186	(.5192)	.4760	(.1874)	1.3104	(.5159)	.3110	(.1225)	2
FEB-1	1.9751	(.7776)	60021112	1.3048	(.5137)	.3387	(.1333)	1.2624	(.4970)	.3484	(.1371)	FEB-1
2	2.0536	(.8085)	57022703	1.1328	(.4460)	.3783	(.1489)	1.0956	(.4313)	.3478	(.1369)	2
MAR-1	2.2499	(.8858)	72030300	1.2762	(.5025)	.4033	(.1588)	1.3733	(.5407)	.4133	(.1627)	MAR-1
2	2.2489	(.8854)	48032203	1.6233	(.6391)	.3775	(.1486)	1.4099	(.5551)	.4370	(.1720)	2
APR-1	2.4798	(.9763)	47041203	1.7173	(.6761)	.4054	(.1596)	1.7254	(.6793)	.3901	(.1536)	APR-1
2	2.5227	(.9932)	62043000	2.0395	(.8029)	.3197	(.1259)	1.9734	(.7769)	.3071	(.1209)	2
MAY-1	2.9835	(1.1746)	59051200	2.3456	(.9235)	.3191	(.1256)	2.2498	(.8858)	.3483	(.1371)	MAY-1
2	3.2365	(1.2742)	59052200	2.6282	(1.0347)	.3286	(.1294)	2.5441	(1.0016)	.4074	(.1604)	2
JUN-1	3.8278	(1.5070)	49061303	3.0406	(1.1971)	.2780	(.1095)	2.9216	(1.1503)	.1733	(.0682)	JUN-1
2	4.2621	(1.6780)	59062900	3.2269	(1.2704)	.3664	(.1443)	3.0896	(1.2164)	.3648	(.1436)	2
JUL-1	3.6192	(1.4249)	47071315	3.2311	(1.2721)	.2674	(.1053)	3.1802	(1.2521)	.1996	(.0786)	JUL-1
2	4.1079	(1.6173)	68071900	3.4244	(1.3482)	.3304	(.1301)	3.3604	(1.3230)	.3167	(.1247)	2
AUG-1	3.8887	(1.5310)	47081403	3.2838	(1.2928)	.3013	(.1186)	3.2699	(1.2873)	.3371	(.1327)	AUG-1
2	4.0693	(1.6021)	69081700	3.4164	(1.3450)	.3269	(.1287)	3.2717	(1.2881)	.3530	(.1390)	2
SEP-1	3.8933	(1.5328)	59090300	3.2700	(1.2874)	.3602	(.1418)	3.1300	(1.2323)	.4165	(.1640)	SEP-1
2	3.7663	(1.4828)	58092600	2.9026	(1.1428)	.4630	(.1823)	2.8922	(1.1386)	.4849	(.1909)	2
OCT-1	3.2560	(1.2819)	59100200	2.4887	(.9798)	.3534	(.1391)	2.4203	(.9529)	.3463	(.1363)	OCT-1
2	3.0693	(1.2084)	68101912	2.3700	(.9331)	.2459	(.0968)	2.4048	(.9468)	.3680	(.1449)	2
NOV-1	2.9017	(1.1424)	66110312	2.1467	(.8452)	.4318	(.1700)	2.1663	(.8529)	.3786	(.1491)	NOV-1
2	2.6840	(1.0567)	58111812	1.7608	(.6932)	.3872	(.1524)	1.7319	(.6818)	.3506	(.1380)	2
DEC-1	2.3708	(.9334)	66120900	1.5781	(.6213)	.3696	(.1455)	1.6196	(.6376)	.3530	(.1390)	DEC-1
2	2.2344	(.8797)	57122100	1.3694	(.5392)	.4889	(.1925)	1.3452	(.5296)	.4228	(.1665)	2
				SURFACE TO 850MB								
JAN-1	1.2832	(.5052)	50010403	.7204	(.2836)	.2600	(.1024)	.6492	(.2556)	.2275	(.0896)	JAN-1
2	1.2263	(.4828)	47013103	.7170	(.2823)	.2662	(.1048)	.6763	(.2663)	.1740	(.0685)	2
FEB-1	1.0871	(.4280)	66021112	.6680	(.2630)	.1594	(.0628)	.6718	(.2645)	.2158	(.0850)	FEB-1
2	1.1199	(.4409)	57022703	.5853	(.2305)	.1872	(.0737)	.5662	(.2229)	.1933	(.0761)	2
MAR-1	1.2352	(.4863)	72030300	.6790	(.2673)	.2015	(.0793)	.7262	(.2859)	.2191	(.0863)	MAR-1
2	1.2931	(.5091)	48032203	.9183	(.3615)	.2169	(.0854)	.7659	(.3015)	.2286	(.0900)	2
APR-1	1.3790	(.5429)	47041203	.9679	(.3811)	.2487	(.0979)	.9259	(.3645)	.2319	(.0913)	APR-1
2	1.5085	(.5939)	62042912	1.1536	(.4542)	.2099	(.0826)	1.0856	(.4274)	.2136	(.0841)	2
MAY-1	1.7714	(.6974)	49050703	1.3649	(.5373)	.2058	(.0810)	1.3172	(.5186)	.2467	(.0971)	MAY-1
2	1.9060	(.7504)	59052212	1.5620	(.6150)	.2028	(.0798)	1.5190	(.5980)	.2490	(.0980)	2
JUN-1	2.2885	(.9010)	49061303	1.8191	(.7162)	.1927	(.0759)	1.7464	(.6876)	.1518	(.0598)	JUN-1
2	2.5354	(.9982)	59062900	1.9396	(.7636)	.2231	(.0878)	1.8910	(.7445)	.2325	(.0915)	2
JUL-1	2.2098	(.8700)	47071315	1.9360	(.7622)	.1617	(.0637)	1.9077	(.7511)	.1419	(.0559)	JUL-1
2	2.4503	(.9647)	72072100	2.0748	(.8168)	.1861	(.0733)	2.0098	(.7913)	.2097	(.0826)	2
AUG-1	2.4171	(.9516)	47081403	1.9922	(.7843)	.1990	(.0783)	1.9373	(.7627)	.2016	(.0794)	AUG-1
2	2.4661	(.9709)	47082503	2.0426	(.8042)	.2355	(.0927)	1.9759	(.7779)	.2187	(.0861)	2
SEP-1	2.4059	(.9472)	59090912	1.9586	(.7711)	.2136	(.0841)	1.8760	(.7386)	.2664	(.1049)	SEP-1
2	2.2306	(.8782)	59093000	1.7615	(.6935)	.3227	(.1271)	1.7710	(.6972)	.3001	(.1182)	2
OCT-1	2.0274	(.7982)	59100100	1.4859	(.5850)	.2388	(.0940)	1.4232	(.5603)	.2398	(.0944)	OCT-1
2	1.8189	(.7161)	47101815	1.3495	(.5313)	.1741	(.0685)	1.3708	(.5397)	.2309	(.0909)	2
NOV-1	1.6858	(.6637)	48110703	1.2270	(.4831)	.2797	(.1101)	1.2256	(.4825)	.2213	(.0871)	NOV-1
2	1.3505	(.5317)	59112812	.9607	(.3782)	.2182	(.0859)	.9408	(.3704)	.2030	(.0799)	2
DEC-1	1.4272	(.5619)	66121000	.8737	(.3440)	.2145	(.0845)	.8669	(.3413)	.2001	(.0788)	DEC-1
2	1.3170	(.5185)	57122100	.7246	(.2853)	.2918	(.1149)	.7197	(.2834)	.2748	(.1082)	2

ALBUQUERQUE, N. MEX. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.6513	(.6501)	65010700	1.0493	(.4131)	.2982	(.1174)	1.0434	(.4108)	.3202	(.1261)	JAN-1
2	1.6002	(.6300)	52019912	.9968	(.3925)	.1964	(.0773)	.9942	(.3914)	.2240	(.0882)	2
FEB-1	1.4915	(.5872)	63029912	.9744	(.3836)	.2294	(.0903)	.9962	(.3922)	.2295	(.0903)	FEB-1
2	1.5245	(.6002)	57029900	.9407	(.3704)	.2550	(.1004)	.9816	(.3865)	.2446	(.0963)	2
MAR-1	1.6589	(.6531)	51039900	.9338	(.3676)	.2616	(.1030)	.9698	(.3818)	.2588	(.1019)	MAR-1
2	1.7076	(.6723)	54039912	1.0481	(.4126)	.2584	(.1017)	1.0922	(.4300)	.3162	(.1245)	2
APR-1	2.0272	(.7981)	46049912	1.1345	(.4466)	.2683	(.1056)	1.1882	(.4678)	.2927	(.1153)	APR-1
2	1.9543	(.7694)	46049900	1.2303	(.4844)	.2867	(.1129)	1.2264	(.4828)	.2598	(.1023)	2
MAY-1	2.2969	(.9043)	47059912	1.3574	(.5344)	.3179	(.1251)	1.4197	(.5589)	.3089	(.1216)	MAY-1
2	2.2509	(.8862)	64059912	1.6457	(.6479)	.3254	(.1281)	1.6440	(.6473)	.3298	(.1298)	2
JUN-1	2.6388	(1.0389)	53069912	1.8964	(.7466)	.4098	(.1613)	1.9717	(.7762)	.4422	(.1741)	JUN-1
2	3.3779	(1.3299)	66062912	2.1939	(.8638)	.3898	(.1534)	2.2064	(.8687)	.4068	(.1602)	2
JUL-1	3.2466	(1.2782)	50079900	2.7455	(1.0809)	.2642	(.1040)	2.6894	(1.0588)	.2476	(.0975)	JUL-1
2	3.4148	(1.3444)	67071700	2.8853	(1.1359)	.2746	(.1081)	2.9124	(1.1466)	.2255	(.0888)	2
AUG-1	3.6241	(1.4268)	70080612	2.9147	(1.1475)	.3026	(.1192)	2.9583	(1.1647)	.3399	(.1338)	AUG-1
2	3.4420	(1.3551)	55089900	2.7543	(1.0844)	.4031	(.1587)	2.7585	(1.0860)	.2717	(.1070)	2
SEP-1	3.4308	(1.3507)	58099912	2.4946	(.9821)	.4627	(.1822)	2.5378	(.9991)	.3973	(.1564)	SEP-1
2	3.0592	(1.2044)	63099900	2.2697	(.8936)	.4287	(.1688)	2.1800	(.8583)	.4520	(.1779)	2
OCT-1	2.7447	(1.0806)	67100400	1.8856	(.7423)	.4424	(.1742)	1.8377	(.7235)	.4397	(.1731)	OCT-1
2	2.3734	(.9344)	63109912	1.5425	(.6073)	.3243	(.1277)	1.5568	(.6129)	.3787	(.1491)	2
NOV-1	1.8870	(.7429)	60119912	1.2640	(.4976)	.2866	(.1128)	1.2605	(.4962)	.2542	(.1001)	NOV-1
2	1.9119	(.7527)	65112600	1.1210	(.4413)	.2494	(.0982)	1.1371	(.4477)	.2735	(.1077)	2
DEC-1	1.8771	(.7390)	66120600	1.0792	(.4249)	.2846	(.1121)	1.0499	(.4134)	.2739	(.1078)	DEC-1
2	1.7094	(.6730)	62129912	1.0877	(.4282)	.2921	(.1150)	1.0358	(.4078)	.3325	(.1309)	2
				SURFACE TO 700MB								
JAN-1	.8766	(.3451)	49019900	.5222	(.2056)	.1612	(.0635)	.5306	(.2089)	.1526	(.0601)	JAN-1
2	.7785	(.3065)	52019912	.4900	(.1929)	.1018	(.0401)	.4963	(.1954)	.1051	(.0414)	2
FEB-1	.7295	(.2872)	57029912	.5002	(.1969)	.1015	(.0400)	.4976	(.1959)	.1102	(.0434)	FEB-1
2	.7861	(.3095)	57029912	.4809	(.1893)	.1321	(.0520)	.5093	(.2005)	.1267	(.0499)	2
MAR-1	.8595	(.3384)	51039900	.4734	(.1864)	.1400	(.0551)	.4934	(.1943)	.1227	(.0483)	MAR-1
2	.7993	(.3147)	54039912	.5178	(.2039)	.1300	(.0512)	.5628	(.2216)	.1378	(.0542)	2
APR-1	.9515	(.3746)	46049912	.5605	(.2207)	.1472	(.0580)	.6171	(.2430)	.1283	(.0505)	APR-1
2	.9682	(.3812)	46049900	.6203	(.2442)	.1555	(.0612)	.6654	(.2620)	.1362	(.0536)	2
MAY-1	1.0871	(.4280)	47059912	.6658	(.2621)	.1695	(.0667)	.7582	(.2985)	.1392	(.0548)	MAY-1
2	1.1118	(.4377)	64059912	.7984	(.3143)	.1480	(.0583)	.8817	(.3471)	.1697	(.0668)	2
JUN-1	1.3144	(.5175)	53069912	.9024	(.3553)	.2055	(.0809)	1.0291	(.4051)	.2152	(.0847)	JUN-1
2	1.5428	(.6074)	66062912	1.0152	(.3997)	.2013	(.0792)	1.1294	(.4447)	.1811	(.0713)	2
JUL-1	1.5207	(.5987)	62079900	1.2881	(.5071)	.1470	(.0579)	1.3714	(.5399)	.1107	(.0436)	JUL-1
2	1.7259	(.6795)	68072500	1.3702	(.5394)	.1383	(.0544)	1.4651	(.5768)	.0991	(.0390)	2
AUG-1	1.7861	(.7032)	70080612	1.4138	(.5566)	.1249	(.0492)	1.4820	(.5835)	.1313	(.0517)	AUG-1
2	1.6850	(.6634)	55089900	1.3630	(.5366)	.1704	(.0671)	1.4081	(.5544)	.1259	(.0496)	2
SEP-1	1.6944	(.6671)	64099900	1.2214	(.4809)	.2228	(.0877)	1.3100	(.5157)	.1152	(.0454)	SEP-1
2	1.5108	(.5948)	63099900	1.1226	(.4420)	.2216	(.0872)	1.1514	(.4533)	.2052	(.0808)	2
OCT-1	1.4061	(.5536)	54109912	.9415	(.3707)	.2170	(.0854)	1.0000	(.3937)	.2056	(.0809)	OCT-1
2	1.1521	(.4536)	63109912	.7932	(.3123)	.1841	(.0725)	.8001	(.3150)	.2029	(.0799)	2
NOV-1	1.0196	(.4014)	60119912	.6499	(.2558)	.1566	(.0616)	.6713	(.2643)	.1320	(.0520)	NOV-1
2	.8504	(.3348)	65112400	.5741	(.2260)	.1066	(.0420)	.5964	(.2348)	.1078	(.0424)	2
DEC-1	.7996	(.3148)	66120612	.5169	(.2035)	.1296	(.0510)	.5280	(.2079)	.1291	(.0508)	DEC-1
2	.8042	(.3166)	71122312	.5412	(.2131)	.1379	(.0543)	.5218	(.2054)	.1433	(.0564)	2

AMARILLO, TEX. 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.5474	(1.0029)	55019912	1.1467	(.4515)	.4256	(.1676)	1.2245	(.4821)	.4589	(.1807)	JAN-1
2	1.8143	(.7143)	62019912	1.2339	(.4858)	.2369	(.0933)	1.3119	(.5165)	.2541	(.1000)	2
FEB-1	2.1417	(.8432)	57029912	1.1599	(.4566)	.2490	(.0980)	1.3044	(.5136)	.3386	(.1333)	FEB-1
2	1.7602	(.6930)	67022700	1.1808	(.4649)	.3372	(.1327)	1.2153	(.4784)	.2627	(.1034)	2
MAR-1	1.9149	(.7539)	53039900	1.1118	(.4377)	.3481	(.1370)	1.1278	(.4440)	.2789	(.1098)	MAR-1
2	2.4008	(.9452)	54039900	1.4858	(.5850)	.3671	(.1445)	1.4580	(.5740)	.2593	(.1021)	2
APR-1	2.8575	(1.1250)	67041200	1.5903	(.6261)	.5141	(.2024)	1.6188	(.6373)	.3782	(.1489)	APR-1
2	2.5555	(1.0061)	54049900	1.8742	(.7379)	.3981	(.1567)	1.8276	(.7195)	.3465	(.1364)	2
MAY-1	2.8674	(1.1289)	55059900	2.2120	(.8709)	.4054	(.1596)	2.1539	(.8480)	.3837	(.1511)	MAY-1
2	3.3637	(1.3243)	58059900	2.5425	(1.0010)	.3835	(.1510)	2.4753	(.9745)	.2354	(.0927)	2
JUN-1	3.7018	(1.4574)	63069900	2.9780	(1.1724)	.3329	(.1311)	2.9168	(1.1484)	.3127	(.1231)	JUN-1
2	4.0307	(1.5869)	70062912	3.1596	(1.2439)	.3344	(.1317)	3.1373	(1.2352)	.3841	(.1512)	2
JUL-1	3.8463	(1.5143)	69070712	3.3270	(1.3098)	.3660	(.1441)	3.3923	(1.3356)	.2717	(.1070)	JUL-1
2	4.5476	(1.7904)	66072800	3.5499	(1.3976)	.4623	(.1820)	3.5173	(1.3848)	.3443	(.1355)	2
AUG-1	3.9454	(1.5533)	68081500	3.5467	(1.3963)	.2647	(.1042)	3.5042	(1.3796)	.2561	(.1008)	AUG-1
2	4.3429	(1.7098)	59089900	3.6014	(1.4179)	.3911	(.1540)	3.4499	(1.3582)	.3134	(.1234)	2
SEP-1	4.1189	(1.6216)	58099912	3.0720	(1.2095)	.4880	(.1921)	3.1915	(1.2565)	.4607	(.1814)	SEP-1
2	3.8280	(1.5071)	55099900	2.7940	(1.1000)	.4260	(.1677)	2.8725	(1.1309)	.4633	(.1824)	2
OCT-1	3.9799	(1.5669)	54109900	2.4634	(.9699)	.5354	(.2108)	2.4489	(.9642)	.5920	(.2331)	OCT-1
2	3.2606	(1.2837)	63109900	2.1121	(.8315)	.6300	(.2480)	2.1067	(.8294)	.5080	(.2000)	2
NOV-1	2.6101	(1.0276)	58119900	1.6933	(.6667)	.3849	(.1515)	1.7468	(.6877)	.3852	(.1516)	NOV-1
2	2.4707	(.9727)	71111700	1.3908	(.5476)	.3527	(.1388)	1.4630	(.5760)	.3625	(.1427)	2
DEC-1	1.8664	(.7348)	65121012	1.3673	(.5383)	.2056	(.0809)	1.3967	(.5499)	.3083	(.1214)	DEC-1
2	1.9787	(.7790)	65122312	1.2780	(.5031)	.3242	(.1276)	1.3166	(.5183)	.2940	(.1157)	2
				SURFACE TO 700MB								
JAN-1	1.6182	(.6371)	55019912	.7151	(.2815)	.2512	(.0989)	.7636	(.3006)	.2742	(.1080)	JAN-1
2	1.1328	(.4460)	68012012	.7428	(.2924)	.1598	(.0629)	.7595	(.2990)	.1592	(.0627)	2
FEB-1	1.6535	(.6510)	57029912	.7234	(.2848)	.1768	(.0696)	.8057	(.3172)	.2457	(.0967)	FEB-1
2	1.1928	(.4696)	71021812	.7597	(.2991)	.1911	(.0752)	.7760	(.3055)	.1882	(.0741)	2
MAR-1	1.1910	(.4689)	53039912	.6951	(.2737)	.1623	(.0639)	.7385	(.2907)	.1821	(.0717)	MAR-1
2	1.4887	(.5861)	72032400	.9449	(.3720)	.2260	(.0890)	.9561	(.3764)	.1483	(.0584)	2
APR-1	1.8550	(.7303)	67041200	1.0608	(.4177)	.3386	(.1333)	1.0750	(.4232)	.2466	(.0971)	APR-1
2	1.8567	(.7310)	57049900	1.2342	(.4859)	.3153	(.1241)	1.2670	(.4988)	.2625	(.1034)	2
MAY-1	1.8956	(.7463)	61059900	1.4736	(.5802)	.2697	(.1062)	1.4606	(.5750)	.2304	(.0907)	MAY-1
2	2.2530	(.8870)	58059900	1.6971	(.6681)	.2449	(.0964)	1.6894	(.6651)	.1635	(.0644)	2
JUN-1	2.4392	(.9603)	65061512	1.9605	(.7718)	.1830	(.0720)	1.9242	(.7576)	.1813	(.0714)	JUN-1
2	2.5631	(1.0091)	57069900	2.0616	(.8117)	.2312	(.0910)	2.0213	(.7958)	.1745	(.0687)	2
JUL-1	2.4397	(.9605)	52079900	2.1313	(.8391)	.1866	(.0735)	2.1246	(.8365)	.1419	(.0559)	JUL-1
2	2.5885	(1.0191)	58079900	2.2043	(.8678)	.2047	(.0806)	2.1569	(.8492)	.1453	(.0572)	2
AUG-1	2.5314	(.9966)	66080200	2.1850	(.8602)	.1400	(.0551)	2.1525	(.8474)	.1608	(.0633)	AUG-1
2	2.6617	(1.0479)	52089900	2.2099	(.8701)	.2321	(.0914)	2.1523	(.8474)	.1725	(.0679)	2
SEP-1	2.4481	(.9638)	58099912	1.9859	(.7818)	.2311	(.0910)	2.0086	(.7908)	.2156	(.0849)	SEP-1
2	2.3619	(.9299)	62099900	1.8535	(.7297)	.2296	(.0904)	1.8446	(.7262)	.2693	(.1060)	2
OCT-1	2.5273	(.9950)	54109900	1.6836	(.6629)	.3258	(.1283)	1.6282	(.6410)	.3529	(.1389)	OCT-1
2	2.1836	(.8597)	68101600	1.3792	(.5430)	.3932	(.1548)	1.3486	(.5310)	.3543	(.1395)	2
NOV-1	1.7236	(.6786)	64119912	1.1329	(.4460)	.2277	(.0897)	1.1889	(.4681)	.3113	(.1226)	NOV-1
2	1.8037	(.7101)	71111700	.9198	(.3621)	.2701	(.1063)	.8973	(.3533)	.2445	(.0963)	2
DEC-1	1.2101	(.4764)	65121012	.8344	(.3285)	.1559	(.0614)	.8291	(.3264)	.1745	(.0687)	DEC-1
2	1.1024	(.4340)	71122912	.7802	(.3072)	.1788	(.0704)	.7855	(.3092)	.1761	(.0693)	2
				SURFACE TO 850MB								
JAN-1	.4130	(.1626)	55019912	.1892	(.0745)	.0679	(.0267)	.1927	(.0759)	.0717	(.0282)	JAN-1
2	.3518	(.1385)	54019900	.1922	(.0757)	.0593	(.0233)	.1777	(.0700)	.0552	(.0217)	2
FEB-1	.4087	(.1609)	57029900	.1868	(.0735)	.0647	(.0255)	.1855	(.0730)	.0620	(.0244)	FEB-1
2	.3386	(.1333)	58029900	.1869	(.0736)	.0635	(.0250)	.1999	(.0787)	.0527	(.0208)	2
MAR-1	.3111	(.1225)	53039912	.1641	(.0646)	.0441	(.0174)	.1792	(.0706)	.0536	(.0211)	MAR-1
2	.4003	(.1576)	63039912	.2194	(.0864)	.0391	(.0154)	.2680	(.1055)	.0658	(.0259)	2
APR-1	.4196	(.1652)	67040212	.2663	(.1049)	.0723	(.0285)	.2905	(.1144)	.0665	(.0262)	APR-1
2	.4961	(.1953)	54049912	.3014	(.1187)	.0780	(.0307)	.3569	(.1405)	.0722	(.0284)	2
MAY-1	.5136	(.2022)	56059900	.3696	(.1455)	.0807	(.0318)	.4054	(.1596)	.0442	(.0174)	MAY-1
2	.5839	(.2299)	56059912	.4477	(.1763)	.0612	(.0241)	.4673	(.1840)	.0500	(.0197)	2
JUN-1	.6253	(.2462)	53069912	.5013	(.1974)	.0598	(.0236)	.5283	(.2080)	.0539	(.0212)	JUN-1
2	.6383	(.2513)	55069900	.5374	(.2116)	.0609	(.0240)	.5672	(.2233)	.0388	(.0153)	2
JUL-1	.6749	(.2657)	52079900	.5539	(.2181)	.0597	(.0235)	.5922	(.2332)	.0463	(.0182)	JUL-1
2	.7242	(.2851)	53079912	.5828	(.2294)	.0563	(.0222)	.6148	(.2420)	.0445	(.0175)	2
AUG-1	.6916	(.2723)	55089900	.5832	(.2296)	.0592	(.0233)	.6087	(.2396)	.0480	(.0189)	AUG-1
2	.7173	(.2824)	54089900	.6030	(.2374)	.0640	(.0252)	.5991	(.2359)	.0568	(.0224)	2
SEP-1	.6627	(.2609)	58099912	.5194	(.2045)	.0672	(.0264)	.5571	(.2193)	.0528	(.0208)	SEP-1
2	.7536	(.2967)	62099900	.5051	(.1989)	.0850	(.0335)	.5101	(.2008)	.0648	(.0255)	2
OCT-1	.6932	(.2729)	54109900	.4377	(.1723)	.0999	(.0393)	.4425	(.1742)	.0943	(.0371)	OCT-1
2	.5273	(.2076)	56109900	.3567	(.1404)	.0929	(.0366)	.3636	(.1432)	.0827	(.0326)	2
NOV-1	.4768	(.1877)	59119900	.3009	(.1185)	.0754	(.0297)	.3126	(.1231)	.0715	(.0282)	NOV-1
2	.4211	(.1658)	71111700	.2371	(.0933)	.0757	(.0298)	.2363	(.0930)	.0633	(.0249)	2
DEC-1	.3399	(.1338)	65121012	.1887	(.0743)	.0561	(.0221)	.1972	(.0776)	.0592	(.0233)	DEC-1
2	.3012	(.1186)	71122500	.1962	(.0772)	.0356	(.0140)	.1871	(.0737)	.0400	(.0157)	2

ATLANTA, GA. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.8316	(1.5085)	49010515	2.7370	(1.0775)	.5271	(.2075)	2.8827	(1.1349)	.5869	(.2311)	JAN-1
2	3.7130	(1.4618)	57012303	2.8010	(1.1028)	.5539	(.2181)	2.6592	(1.0469)	.4974	(.1958)	2
FEB-1	3.6980	(1.4559)	65020712	2.7068	(1.0657)	.5577	(.2196)	2.5993	(1.0233)	.6026	(.2373)	FEB-1
2	3.6662	(1.4434)	61022512	2.6245	(1.0333)	.6554	(.2580)	2.6007	(1.0239)	.5937	(.2337)	2
MAR-1	3.7780	(1.4874)	56031415	2.9510	(1.1618)	.5016	(.1975)	2.8662	(1.1284)	.4702	(.1851)	MAR-1
2	4.2624	(1.6781)	55032203	2.9582	(1.1646)	.5184	(.2041)	2.8798	(1.1338)	.4388	(.1728)	2
APR-1	4.0993	(1.6139)	47041415	3.0117	(1.1857)	.3249	(.1279)	3.2083	(1.2631)	.3480	(.1370)	APR-1
2	4.1245	(1.6238)	61042612	3.2594	(1.2832)	.4017	(.1581)	3.3287	(1.3105)	.3977	(.1566)	2
MAY-1	4.1971	(1.6524)	63051412	3.4730	(1.3673)	.3191	(.1256)	3.4661	(1.3646)	.3334	(.1312)	MAY-1
2	4.7495	(1.8699)	59052200	3.7514	(1.4769)	.3997	(.1574)	3.6634	(1.4423)	.3297	(.1298)	2
JUN-1	5.5949	(2.2027)	58061512	4.2856	(1.6873)	.4101	(.1615)	4.1706	(1.6420)	.4431	(.1744)	JUN-1
2	5.1128	(2.0129)	72062100	4.5409	(1.7878)	.3370	(.1327)	4.4228	(1.7412)	.3610	(.1421)	2
JUL-1	5.5382	(2.1804)	55071203	4.8022	(1.8906)	.3591	(.1414)	4.5931	(1.8083)	.3146	(.1239)	JUL-1
2	5.3972	(2.1249)	71071912	4.9215	(1.9376)	.2785	(.1096)	4.7832	(1.8832)	.3432	(.1351)	2
AUG-1	5.4943	(2.1631)	70081012	4.8335	(1.9029)	.2606	(.1026)	4.7344	(1.8639)	.3387	(.1333)	AUG-1
2	5.6350	(2.2185)	64083012	4.8438	(1.9070)	.4182	(.1646)	4.7071	(1.8532)	.4385	(.1726)	2
SEP-1	5.3945	(2.1238)	64091200	4.5972	(1.8099)	.3742	(.1473)	4.5816	(1.8038)	.3398	(.1338)	SEP-1
2	5.1852	(2.0414)	57091600	4.3174	(1.6998)	.4098	(.1613)	4.3161	(1.6993)	.4188	(.1649)	2
OCT-1	5.3635	(2.1116)	65100100	3.9792	(1.5666)	.6646	(.2617)	3.8076	(1.4991)	.6105	(.2403)	OCT-1
2	4.9754	(1.9588)	68101900	3.5438	(1.3952)	.6731	(.2650)	3.3868	(1.3334)	.6984	(.2749)	2
NOV-1	4.6368	(1.8255)	71110112	3.1273	(1.2312)	.5493	(.2163)	3.1519	(1.2409)	.6079	(.2393)	NOV-1
2	4.0175	(1.5817)	58111612	3.0990	(1.2201)	.4974	(.1958)	3.1839	(1.2535)	.4200	(.1654)	2
DEC-1	3.8567	(1.5184)	67121512	2.9504	(1.1616)	.4218	(.1661)	3.0291	(1.1925)	.5571	(.2193)	DEC-1
2	3.7264	(1.4671)	67122212	2.9569	(1.1641)	.5268	(.2074)	2.7669	(1.0893)	.5157	(.2030)	2
				SURFACE TO 700MB								
JAN-1	2.8085	(1.1057)	46010915	2.0234	(.7966)	.3792	(.1493)	2.1313	(.8391)	.4325	(.1703)	JAN-1
2	2.7765	(1.0931)	54012103	2.1007	(.8270)	.4229	(.1665)	1.9871	(.7823)	.3913	(.1541)	2
FEB-1	2.8014	(1.1029)	57020103	2.0066	(.7900)	.4460	(.1756)	1.9402	(.7639)	.4547	(.1790)	FEB-1
2	2.7496	(1.0825)	62022400	1.9606	(.7719)	.4613	(.1816)	1.9443	(.7655)	.4265	(.1679)	2
MAR-1	2.9289	(1.1531)	56031415	2.2219	(.8748)	.3795	(.1494)	2.1531	(.8477)	.4300	(.1693)	MAR-1
2	2.9820	(1.1740)	55032203	2.2098	(.8700)	.3585	(.1411)	2.1908	(.8625)	.3243	(.1277)	2
APR-1	3.0025	(1.1821)	64040800	2.3417	(.9219)	.3228	(.1271)	2.4618	(.9692)	.2465	(.0970)	APR-1
2	3.1219	(1.2291)	70042300	2.5529	(1.0051)	.2422	(.0954)	2.5124	(.9891)	.2477	(.0975)	2
MAY-1	3.2487	(1.2790)	53050203	2.7637	(1.0881)	.2247	(.0885)	2.6657	(1.0495)	.1964	(.0773)	MAY-1
2	3.5560	(1.4000)	59052200	2.8740	(1.1315)	.2636	(.1038)	2.8344	(1.1159)	.2369	(.0933)	2
JUN-1	4.1907	(1.6499)	58061512	3.2170	(1.2665)	.2832	(.1115)	3.1552	(1.2422)	.3213	(.1265)	JUN-1
2	3.8920	(1.5323)	48062215	3.3810	(1.3311)	.2247	(.0885)	3.3162	(1.3056)	.2457	(.0967)	2
JUL-1	3.8844	(1.5293)	56070103	3.5708	(1.4058)	.1601	(.0630)	3.4022	(1.3395)	.2004	(.0789)	JUL-1
2	4.1382	(1.6292)	62071600	3.6545	(1.4388)	.2237	(.0881)	3.5487	(1.3971)	.1564	(.0616)	2
AUG-1	3.9543	(1.5568)	64080500	3.5921	(1.4142)	.1940	(.0764)	3.5030	(1.3791)	.2111	(.0831)	AUG-1
2	4.1549	(1.6358)	71082000	3.6181	(1.4245)	.2880	(.1134)	3.4622	(1.3631)	.2060	(.0811)	2
SEP-1	3.8430	(1.5130)	70090412	3.4117	(1.3432)	.2706	(.1065)	3.3680	(1.3260)	.1944	(.0765)	SEP-1
2	3.7917	(1.4928)	57091700	3.2235	(1.2691)	.2716	(.1069)	3.2705	(1.2876)	.2617	(.1030)	2
OCT-1	3.6764	(1.4474)	59100912	3.0156	(1.1872)	.3687	(.1452)	2.8886	(1.1372)	.3879	(.1527)	OCT-1
2	3.4981	(1.3772)	68101900	2.6406	(1.0396)	.4362	(.1717)	2.5592	(1.0076)	.4199	(.1653)	2
NOV-1	3.3137	(1.3046)	71110112	2.3365	(.9199)	.4112	(.1619)	2.3903	(.9411)	.4210	(.1657)	NOV-1
2	3.1633	(1.2454)	57111800	2.3631	(.9304)	.3170	(.1248)	2.3884	(.9403)	.3041	(.1197)	2
DEC-1	2.9350	(1.1555)	72121112	2.1841	(.8599)	.3435	(.1352)	2.2404	(.8820)	.4052	(.1595)	DEC-1
2	2.8697	(1.1298)	67122000	2.1506	(.8467)	.4354	(.1714)	2.0594	(.8108)	.3988	(.1570)	2
				SURFACE TO 850MB								
JAN-1	1.5519	(.6110)	46010703	1.1324	(.4458)	.2448	(.0964)	1.1678	(.4598)	.2486	(.0978)	JAN-1
2	1.5397	(.6062)	57012915	1.1636	(.4581)	.2837	(.1117)	1.1074	(.4360)	.2686	(.1057)	2
FEB-1	1.5260	(.6008)	57020103	1.1433	(.4501)	.2466	(.0971)	1.0848	(.4271)	.2465	(.0971)	FEB-1
2	1.5113	(.5950)	62022400	1.0526	(.4144)	.2756	(.1085)	1.0587	(.4168)	.2695	(.1061)	2
MAR-1	1.6261	(.6402)	61030600	1.2161	(.4788)	.2578	(.1015)	1.2009	(.4728)	.2707	(.1066)	MAR-1
2	1.5885	(.6254)	49033103	1.2438	(.4897)	.2079	(.0818)	1.2576	(.4951)	.1803	(.0710)	2
APR-1	1.7374	(.6840)	64040800	1.3379	(.5268)	.2129	(.0838)	1.3793	(.5430)	.1599	(.0629)	APR-1
2	1.9596	(.7715)	70042800	1.4668	(.5775)	.1874	(.0738)	1.4833	(.5840)	.1207	(.0475)	2
MAY-1	1.9159	(.7543)	56051415	1.6287	(.6412)	.1294	(.0510)	1.5920	(.6268)	.1241	(.0489)	MAY-1
2	2.0772	(.8178)	62051600	1.6964	(.6679)	.1438	(.0566)	1.6660	(.6559)	.1662	(.0654)	2
JUN-1	2.3109	(.9098)	58061512	1.8442	(.7261)	.1628	(.0641)	1.8114	(.7131)	.1679	(.0661)	JUN-1
2	2.1915	(.8628)	52062215	1.9477	(.7668)	.1136	(.0447)	1.9510	(.7681)	.1332	(.0524)	2
JUL-1	2.2748	(.8956)	63070200	2.0377	(.8023)	.0999	(.0393)	1.9743	(.7773)	.1218	(.0480)	JUL-1
2	2.3019	(.9850)	62071600	2.1162	(.8332)	.1549	(.0610)	2.0601	(.8111)	.0984	(.0387)	2
AUG-1	2.3815	(.9376)	60080700	2.0741	(.8166)	.1445	(.0569)	2.0384	(.8025)	.1278	(.0503)	AUG-1
2	2.3995	(.9447)	69081700	2.0739	(.8165)	.1612	(.0635)	2.0035	(.7888)	.1077	(.0424)	2
SEP-1	2.2182	(.8733)	61090200	1.9390	(.7634)	.1670	(.0658)	1.9487	(.7672)	.1226	(.0482)	SEP-1
2	2.3950	(.9429)	60091900	1.8703	(.7364)	.1947	(.0766)	1.8718	(.7369)	.1716	(.0673)	2
OCT-1	2.0556	(.8093)	64100400	1.7183	(.6765)	.1337	(.0723)	1.6641	(.6551)	.2008	(.0791)	OCT-1
2	1.9101	(.7520)	68101900	1.4954	(.5887)	.2053	(.0808)	1.4819	(.5834)	.2115	(.0833)	2
NOV-1	1.8710	(.7366)	71110200	1.3242	(.5213)	.2395	(.0943)	1.3739	(.5409)	.2330	(.0917)	NOV-1
2	1.8268	(.7192)	57111800	1.3434	(.5289)	.1657	(.0652)	1.3262	(.5221)	.1843	(.0726)	2
DEC-1	1.6726	(.6585)	56121415	1.2302	(.4843)	.2363	(.0930)	1.2535	(.4935)	.2605	(.1025)	DEC-1
2	1.6716	(.6581)	67121912	1.1833	(.4659)	.2583	(.1017)	1.1941	(.4701)	.2492	(.0981)	2

BISMARCK, N.D. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.6431	(.6469)	69010512	1.0890	(.4287)	.2670	(.1051)	1.1360	(.4472)	.2910	(.1146)	JAN-1
2	1.7285	(.6805)	68012400	1.0587	(.4168)	.2914	(.1147)	1.0941	(.4308)	.2662	(.1048)	2
FEB-1	1.8232	(.7178)	51021015	1.1198	(.4408)	.2730	(.1075)	1.1341	(.4465)	.2399	(.0945)	FEB-1
2	1.5847	(.6239)	58022612	1.0904	(.4293)	.2279	(.0897)	1.0186	(.4010)	.3069	(.1208)	2
MAR-1	1.8768	(.7389)	46031503	1.0751	(.4233)	.2930	(.1154)	1.0704	(.4214)	.2809	(.1106)	MAR-1
2	2.0089	(.7909)	46033003	1.3002	(.5119)	.2456	(.0967)	1.3321	(.5244)	.1919	(.0756)	2
APR-1	2.2682	(.8930)	67041400	1.4806	(.5829)	.3237	(.1274)	1.4919	(.5873)	.2556	(.1006)	APR-1
2	2.3868	(.9397)	57042303	1.8214	(.7171)	.3058	(.1204)	1.8415	(.7250)	.3503	(.1379)	2
MAY-1	3.0907	(1.2168)	47051115	2.0803	(.8190)	.2625	(.1034)	2.1462	(.8450)	.3270	(.1287)	MAY-1
2	3.7208	(1.4649)	56052803	2.6594	(1.0470)	.4358	(.1716)	2.5648	(1.0098)	.4006	(.1577)	2
JUN-1	4.3645	(1.7183)	63060600	3.2514	(1.2801)	.5037	(.1983)	3.0486	(1.2002)	.3745	(.1474)	JUN-1
2	4.6833	(1.8438)	63062812	3.0824	(1.2136)	.4866	(.1916)	3.2643	(1.2852)	.4290	(.1689)	2
JUL-1	4.5804	(1.8033)	66070212	3.4094	(1.3423)	.4323	(.1702)	3.5095	(1.3817)	.5079	(.2000)	JUL-1
2	4.5189	(1.7791)	51072603	3.5631	(1.4028)	.5195	(.2045)	3.5615	(1.4022)	.4300	(.1693)	2
AUG-1	4.5852	(1.8052)	47081103	3.4825	(1.3711)	.5010	(.1973)	3.4915	(1.3746)	.4344	(.1710)	AUG-1
2	4.4364	(1.7466)	55082515	3.4233	(1.3478)	.4963	(.1954)	3.2439	(1.2771)	.5073	(.1997)	2
SEP-1	3.6855	(1.4510)	47091003	2.8937	(1.1392)	.4583	(.1804)	2.8402	(1.1182)	.3474	(.1368)	SEP-1
2	3.2631	(1.2847)	55091803	2.4463	(.9631)	.3889	(.1531)	2.4331	(.9579)	.4668	(.1838)	2
OCT-1	3.0526	(1.2018)	71100200	2.0946	(.8246)	.4021	(.1583)	2.1444	(.8442)	.4130	(.1626)	OCT-1
2	3.1118	(1.2251)	53102115	1.8970	(.7469)	.4484	(.1765)	1.8335	(.7218)	.4243	(.1670)	2
NOV-1	2.0737	(.8164)	64110100	1.4565	(.5734)	.2268	(.0893)	1.4458	(.5692)	.2234	(.0880)	NOV-1
2	1.8567	(.7310)	54111703	1.3327	(.5247)	.2163	(.0852)	1.2761	(.5024)	.1906	(.0750)	2
DEC-1	1.5044	(.5923)	59120212	1.2039	(.4740)	.1850	(.0728)	1.1411	(.4492)	.2130	(.0838)	DEC-1
2	1.7242	(.6788)	72122500	1.1899	(.4685)	.2296	(.0904)	1.1930	(.4697)	.2302	(.0906)	2
				SURFACE TO 700MB								
JAN-1	1.1166	(.4396)	53011215	.7230	(.2846)	.1609	(.0633)	.7481	(.2945)	.1794	(.0706)	JAN-1
2	1.0376	(.4085)	68012500	.7004	(.2758)	.1824	(.0718)	.7137	(.2810)	.1624	(.0640)	2
FEB-1	1.1631	(.4579)	51021015	.7625	(.3002)	.1921	(.0756)	.7462	(.2938)	.1682	(.0662)	FEB-1
2	1.0686	(.4207)	58022612	.7507	(.2956)	.1315	(.0518)	.7054	(.2777)	.1976	(.0778)	2
MAR-1	1.4356	(.5652)	46031503	.7509	(.2956)	.2317	(.0912)	.7503	(.2954)	.1915	(.0754)	MAR-1
2	1.3421	(.5284)	61032600	.9205	(.3624)	.1810	(.0713)	.9190	(.3618)	.1395	(.0549)	2
APR-1	1.5400	(.6063)	67041312	1.0227	(.4026)	.2019	(.0795)	1.0250	(.4035)	.1796	(.0707)	APR-1
2	1.8748	(.7381)	57042303	1.3286	(.5231)	.2749	(.1082)	1.3075	(.5147)	.2983	(.1174)	2
MAY-1	2.0945	(.8246)	47051115	1.5039	(.5921)	.2190	(.0862)	1.5201	(.5985)	.2370	(.0933)	MAY-1
2	2.5982	(1.0229)	56052803	1.9418	(.7645)	.3151	(.1240)	1.7839	(.7023)	.2753	(.1084)	2
JUN-1	3.3216	(1.3077)	53061403	2.4277	(.9558)	.3461	(.1363)	2.2306	(.8782)	.2707	(.1066)	JUN-1
2	3.3228	(1.3082)	63062812	2.2874	(.9006)	.3503	(.1379)	2.3482	(.9245)	.3195	(.1258)	2
JUL-1	3.2179	(1.2669)	57071000	2.5680	(1.0110)	.3168	(.1247)	2.5512	(1.0044)	.3287	(.1294)	JUL-1
2	3.4028	(1.3397)	57071700	2.6876	(1.0581)	.3713	(.1462)	2.5515	(1.0045)	.2948	(.1161)	2
AUG-1	3.2334	(1.2730)	55080103	2.5457	(1.0022)	.3527	(.1389)	2.4755	(.9746)	.3193	(.1257)	AUG-1
2	3.0505	(1.2010)	49082303	2.4775	(.9754)	.3686	(.1451)	2.3156	(.9116)	.3401	(.1339)	2
SEP-1	2.8707	(1.1302)	57090100	2.0786	(.8184)	.3704	(.1458)	1.9947	(.7853)	.2338	(.0921)	SEP-1
2	2.4778	(.9755)	55091803	1.7349	(.6830)	.3513	(.1383)	1.6853	(.6635)	.3797	(.1495)	2
OCT-1	2.0399	(.8031)	71100200	1.4459	(.5692)	.2567	(.1011)	1.4608	(.5751)	.2887	(.1137)	OCT-1
2	2.1062	(.8292)	53102115	1.2945	(.5096)	.2947	(.1160)	1.2607	(.4963)	.2878	(.1133)	2
NOV-1	1.5476	(.6093)	64110112	.9646	(.3798)	.1731	(.0681)	1.0000	(.3937)	.1757	(.0692)	NOV-1
2	1.2416	(.4888)	54112303	.8749	(.3445)	.1318	(.0519)	.8398	(.3306)	.1130	(.0445)	2
DEC-1	.9825	(.3868)	59120212	.7623	(.3001)	.1206	(.0475)	.7473	(.2942)	.1259	(.0496)	DEC-1
2	1.0930	(.4303)	72122500	.7709	(.3035)	.1427	(.0562)	.7769	(.3059)	.1456	(.0573)	2
				SURFACE TO 850MB								
JAN-1	.4618	(.1818)	53011303	.3127	(.1231)	.0600	(.0236)	.3102	(.1221)	.0671	(.0264)	JAN-1
2	.4232	(.1666)	62013000	.3034	(.1194)	.0812	(.0320)	.3057	(.1203)	.0834	(.0328)	2
FEB-1	.5281	(.2079)	47021403	.3347	(.1318)	.0919	(.0362)	.3268	(.1287)	.0823	(.0324)	FEB-1
2	.4356	(.1715)	65021912	.3473	(.1367)	.0547	(.0216)	.3161	(.1245)	.0679	(.0267)	2
MAR-1	.6391	(.2516)	46031503	.3343	(.1316)	.1054	(.0415)	.3341	(.1315)	.0733	(.0288)	MAR-1
2	.6596	(.2597)	46033103	.4245	(.1671)	.0760	(.0299)	.3962	(.1560)	.0531	(.0209)	2
APR-1	.6327	(.2491)	69041400	.4715	(.1856)	.0804	(.0317)	.4597	(.1810)	.0709	(.0279)	APR-1
2	.9190	(.3618)	57042303	.5997	(.2361)	.1346	(.0530)	.5955	(.2344)	.1473	(.0580)	2
MAY-1	.9413	(.3706)	62051000	.6944	(.2734)	.1112	(.0438)	.7098	(.2794)	.1233	(.0486)	MAY-1
2	1.2545	(.4939)	72052200	.9237	(.3636)	.1621	(.0638)	.8450	(.3327)	.1288	(.0507)	2
JUN-1	1.6190	(.6374)	53061403	1.1459	(.4511)	.1549	(.0610)	1.0799	(.4251)	.1517	(.0597)	JUN-1
2	1.4623	(.5757)	56061703	1.1596	(.4566)	.1956	(.0770)	1.1201	(.4410)	.1582	(.0623)	2
JUL-1	1.6106	(.6341)	57071000	1.3545	(.5332)	.1436	(.0565)	1.3051	(.5138)	.1774	(.0698)	JUL-1
2	1.7236	(.6786)	65072200	1.3239	(.5212)	.2016	(.0794)	1.2746	(.5018)	.1549	(.0610)	2
AUG-1	1.6459	(.6480)	47081015	1.2778	(.5031)	.1680	(.0661)	1.2266	(.4829)	.1696	(.0668)	AUG-1
2	1.5326	(.6034)	63082600	1.2209	(.4807)	.1918	(.0755)	1.1708	(.4609)	.1597	(.0629)	2
SEP-1	1.5260	(.6008)	57090100	1.0185	(.4010)	.1764	(.0694)	.9740	(.3835)	.1546	(.0609)	SEP-1
2	1.1753	(.4627)	63091700	.8344	(.3285)	.1708	(.0673)	.8221	(.3237)	.1546	(.0609)	2
OCT-1	1.0462	(.4119)	55100503	.7115	(.2801)	.1453	(.0572)	.6815	(.2683)	.1408	(.0554)	OCT-1
2	.9929	(.3909)	53102115	.6016	(.2368)	.1423	(.0560)	.5808	(.2287)	.1512	(.0595)	2
NOV-1	.6634	(.2612)	64110200	.4553	(.1792)	.0821	(.0323)	.4537	(.1786)	.0828	(.0326)	NOV-1
2	.5466	(.2152)	54111703	.3843	(.1513)	.0595	(.0234)	.3712	(.1461)	.0495	(.0195)	2
DEC-1	.4473	(.1761)	58120212	.3339	(.1314)	.0506	(.0199)	.3290	(.1295)	.0494	(.0194)	DEC-1
2	.4986	(.1963)	55122703	.3378	(.1330)	.0692	(.0272)	.3176	(.1250)	.0652	(.0257)	2

BOISE, IDA. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(032) AND 12Z(152) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(032) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(152) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.8585	(.7317)	66010700	1.3347	(.5255)	.2981	(.1173)	1.3713	(.5399)	.2855	(.1124)	JAN-1
2	2.3472	(.9241)	71011712	1.4570	(.5736)	.3045	(.1199)	1.4318	(.5637)	.3386	(.1333)	2
FEB-1	2.2220	(.8748)	71021012	1.3988	(.5507)	.2583	(.1017)	1.3564	(.5340)	.2909	(.1145)	FEB-1
2	2.0488	(.8066)	68022312	1.3212	(.5202)	.3032	(.1194)	1.2424	(.4891)	.3692	(.1453)	2
MAR-1	2.0386	(.8026)	66031312	1.3190	(.5193)	.3006	(.1183)	1.3240	(.5213)	.3140	(.1236)	MAR-1
2	1.8745	(.7380)	50039900	1.3413	(.5281)	.2110	(.0831)	1.3695	(.5392)	.2235	(.0880)	2
APR-1	1.9898	(.7834)	54049912	1.4454	(.5690)	.1867	(.0735)	1.5136	(.5959)	.2203	(.0867)	APR-1
2	2.0792	(.8186)	48049900	1.5151	(.5965)	.3098	(.1220)	1.5427	(.6073)	.2340	(.0921)	2
MAY-1	2.2563	(.8883)	47059900	1.7148	(.6751)	.3088	(.1216)	1.7184	(.6765)	.2730	(.1075)	MAY-1
2	2.5971	(1.0225)	56059900	1.9126	(.7530)	.2907	(.1144)	1.9750	(.7776)	.2428	(.0956)	2
JUN-1	2.9213	(1.1501)	72060912	2.1811	(.8587)	.3490	(.1374)	2.2381	(.8811)	.2509	(.0988)	JUN-1
2	3.1956	(1.2581)	67062112	2.2810	(.8980)	.3453	(.1360)	2.2220	(.8748)	.4029	(.1586)	2
JUL-1	3.4587	(1.3617)	54079912	2.2067	(.8688)	.3793	(.1493)	2.3945	(.9427)	.3791	(.1493)	JUL-1
2	3.4712	(1.3666)	55079912	2.3978	(.9440)	.4751	(.1870)	2.5940	(1.0213)	.5387	(.2121)	2
AUG-1	3.3777	(1.3298)	52089900	2.3072	(.9084)	.4692	(.1847)	2.5527	(1.0050)	.4410	(.1736)	AUG-1
2	3.3647	(1.3247)	46089912	2.2139	(.8716)	.3761	(.1481)	2.3812	(.9375)	.4573	(.1801)	2
SEP-1	3.3487	(1.3184)	63099900	2.1884	(.8616)	.4998	(.1968)	2.1846	(.8601)	.4888	(.1924)	SEP-1
2	2.6358	(1.0377)	63099900	1.9728	(.7767)	.3068	(.1208)	2.0787	(.8184)	.3156	(.1243)	2
OCT-1	2.7689	(1.0901)	64109912	1.8767	(.7389)	.3459	(.1362)	1.8870	(.7429)	.3226	(.1270)	OCT-1
2	2.8428	(1.1192)	59109900	1.7435	(.6864)	.3182	(.1253)	1.7794	(.7006)	.2735	(.1077)	2
NOV-1	2.1344	(.8403)	58119912	1.6402	(.6457)	.2290	(.0902)	1.5860	(.6244)	.2878	(.1133)	NOV-1
2	2.2403	(.8820)	49119900	1.7200	(.6772)	.2983	(.1174)	1.6465	(.6482)	.2917	(.1148)	2
DEC-1	2.2697	(.8936)	58129900	1.4334	(.5643)	.2791	(.1099)	1.4712	(.5792)	.2634	(.1037)	DEC-1
2	2.1049	(.8287)	64129900	1.4670	(.5776)	.2583	(.1017)	1.4487	(.5704)	.2755	(.1085)	2
				SURFACE TO 700MB								
JAN-1	1.2347	(.4861)	69010512	.8602	(.3387)	.1949	(.0767)	.8392	(.3304)	.1874	(.0738)	JAN-1
2	1.4343	(.5647)	71011912	.9389	(.3697)	.1893	(.0745)	.9067	(.3570)	.2098	(.0826)	2
FEB-1	1.3244	(.5214)	71021012	.8756	(.3447)	.1463	(.0576)	.8860	(.3488)	.1684	(.0663)	FEB-1
2	1.3033	(.5131)	72022812	.8566	(.3373)	.1904	(.0750)	.8541	(.3363)	.2143	(.0844)	2
MAR-1	1.2553	(.4942)	66031312	.8457	(.3329)	.1821	(.0717)	.8314	(.3273)	.1855	(.0730)	MAR-1
2	1.0927	(.4302)	50039900	.8798	(.3464)	.1234	(.0486)	.8848	(.3484)	.1137	(.0447)	2
APR-1	1.2507	(.4924)	61049912	.9316	(.3668)	.1375	(.0541)	1.0160	(.4000)	.1324	(.0521)	APR-1
2	1.3711	(.5398)	48049900	1.0306	(.4057)	.2045	(.0805)	1.0206	(.4018)	.1446	(.0569)	2
MAY-1	1.5842	(.6237)	66051012	1.0832	(.4265)	.1782	(.0702)	1.1363	(.4474)	.2115	(.0833)	MAY-1
2	1.8189	(.7161)	56059900	1.2245	(.4821)	.1864	(.0734)	1.3054	(.5140)	.1578	(.0621)	2
JUN-1	1.7879	(.7039)	72060800	1.3889	(.5468)	.2134	(.0840)	1.4437	(.5684)	.1508	(.0594)	JUN-1
2	1.9596	(.7715)	67062112	1.4550	(.5729)	.1828	(.0720)	1.4820	(.5835)	.2424	(.0954)	2
JUL-1	1.9357	(.7621)	54079912	1.3743	(.5411)	.2178	(.0857)	1.5041	(.5921)	.1865	(.0734)	JUL-1
2	2.1077	(.8298)	55079912	1.5169	(.5972)	.3115	(.1226)	1.6318	(.6424)	.2944	(.1159)	2
AUG-1	2.0637	(.8125)	63089912	1.4303	(.5631)	.2617	(.1030)	1.6136	(.6353)	.2689	(.1058)	AUG-1
2	2.0952	(.8249)	65081912	1.4058	(.5535)	.2593	(.1021)	1.4905	(.5868)	.2385	(.0939)	2
SEP-1	2.1526	(.8475)	63099900	1.3833	(.5446)	.2948	(.1161)	1.4223	(.5600)	.2769	(.1090)	SEP-1
2	1.8468	(.7271)	66092300	1.2710	(.5004)	.1991	(.0784)	1.3185	(.5191)	.1862	(.0733)	2
OCT-1	1.7290	(.6807)	47109912	1.1845	(.4663)	.1937	(.0763)	1.1997	(.4723)	.2183	(.0860)	OCT-1
2	1.8946	(.7459)	59109912	1.1066	(.4357)	.1834	(.0722)	1.1213	(.4415)	.1906	(.0751)	2
NOV-1	1.4026	(.5522)	68110912	1.0478	(.4125)	.1463	(.0576)	1.0389	(.4090)	.1672	(.0658)	NOV-1
2	1.3604	(.5356)	49119900	1.0543	(.4151)	.1749	(.0688)	1.0372	(.4083)	.1546	(.0609)	2
DEC-1	1.4577	(.5739)	58129900	.9194	(.3620)	.1891	(.0744)	.9093	(.3580)	.1584	(.0624)	DEC-1
2	1.2692	(.4997)	67122612	.9153	(.3603)	.1469	(.0578)	.9056	(.3565)	.1684	(.0663)	2
				SURFACE TO 850MB								
JAN-1	.4696	(.1849)	66010700	.2981	(.1174)	.0775	(.0305)	.2899	(.1141)	.0648	(.0255)	JAN-1
2	.4869	(.1917)	71011712	.3230	(.1272)	.0741	(.0292)	.3121	(.1229)	.0806	(.0317)	2
FEB-1	.4366	(.1719)	71021012	.3205	(.1262)	.0590	(.0232)	.3146	(.1239)	.0538	(.0212)	FEB-1
2	.4602	(.1812)	72022812	.3154	(.1242)	.0703	(.0277)	.3097	(.1219)	.0777	(.0306)	2
MAR-1	.4704	(.1852)	50039900	.2975	(.1171)	.0704	(.0277)	.2946	(.1160)	.0625	(.0246)	MAR-1
2	.4061	(.1599)	47039900	.3123	(.1229)	.0430	(.0169)	.3100	(.1220)	.0397	(.0156)	2
APR-1	.4646	(.1829)	61049900	.3348	(.1318)	.0694	(.0273)	.3637	(.1432)	.0526	(.0207)	APR-1
2	.5194	(.2045)	58049900	.3654	(.1438)	.0768	(.0302)	.3591	(.1414)	.0470	(.0185)	2
MAY-1	.5088	(.2003)	49059912	.3905	(.1538)	.0589	(.0232)	.4002	(.1575)	.0661	(.0260)	MAY-1
2	.6276	(.2471)	56059900	.4473	(.1761)	.0690	(.0272)	.4768	(.1877)	.0467	(.0184)	2
JUN-1	.6949	(.2736)	48069900	.5009	(.1972)	.0793	(.0312)	.5249	(.2066)	.0587	(.0231)	JUN-1
2	.7201	(.2835)	67062112	.5156	(.2030)	.0683	(.0269)	.5394	(.2124)	.0831	(.0327)	2
JUL-1	.6988	(.2751)	58079900	.4995	(.1967)	.0772	(.0304)	.5482	(.2158)	.0805	(.0317)	JUL-1
2	.8590	(.3382)	46079900	.5436	(.2140)	.1268	(.0499)	.5905	(.2325)	.1068	(.0421)	2
AUG-1	.7790	(.3067)	52089912	.5294	(.2084)	.1065	(.0419)	.5889	(.2319)	.1007	(.0396)	AUG-1
2	.7496	(.2951)	65081912	.5005	(.1970)	.1026	(.0404)	.5246	(.2065)	.0875	(.0345)	2
SEP-1	.8034	(.3163)	63099900	.4902	(.1930)	.1062	(.0418)	.5010	(.1972)	.0843	(.0332)	SEP-1
2	.7056	(.2778)	66092300	.4559	(.1795)	.0779	(.0307)	.4713	(.1856)	.0673	(.0265)	2
OCT-1	.6462	(.2544)	61109900	.4333	(.1706)	.0742	(.0292)	.4439	(.1748)	.0730	(.0287)	OCT-1
2	.6970	(.2744)	59109912	.4108	(.1617)	.0689	(.0271)	.4101	(.1614)	.0791	(.0311)	2
NOV-1	.5753	(.2265)	50119900	.3782	(.1489)	.0699	(.0275)	.3654	(.1438)	.0635	(.0250)	NOV-1
2	.5618	(.2212)	59119900	.3812	(.1501)	.0744	(.0293)	.3711	(.1461)	.0594	(.0234)	2
DEC-1	.4956	(.1951)	58129900	.3290	(.1295)	.0732	(.0288)	.3152	(.1241)	.0609	(.0240)	DEC-1
2	.4437	(.1747)	67122612	.3148	(.1239)	.0523	(.0206)	.3123	(.1229)	.0563	(.0222)	2

BROWNSVILLE, TEX. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.2357	(1.6676)	55011303	3.4950	(1.3760)	.5068	(.1995)	3.4891	(1.3737)	.3853	(.1517)	JAN-1
2	4.4237	(1.7416)	49012103	3.3121	(1.3040)	.3917	(.1542)	3.3643	(1.3245)	.3853	(.1517)	2
FEB-1	4.4503	(1.7521)	69021400	3.3461	(1.3174)	.4930	(.1941)	3.3238	(1.3086)	.4950	(.1949)	FEB-1
2	4.3724	(1.7214)	46021715	3.4919	(1.3748)	.4287	(.1688)	3.5701	(1.4056)	.4089	(.1610)	2
MAR-1	4.4056	(1.7345)	62031412	3.4293	(1.3501)	.3753	(.1477)	3.5484	(1.3970)	.3788	(.1491)	MAR-1
2	4.5367	(1.7861)	53031815	3.5223	(1.3867)	.4869	(.1917)	3.7260	(1.4669)	.3752	(.1477)	2
APR-1	4.6512	(1.8312)	54041515	3.9809	(1.5673)	.3277	(.1290)	3.9569	(1.5579)	.3806	(.1498)	APR-1
2	4.9596	(1.9526)	46041615	3.9840	(1.5685)	.4793	(.1887)	4.1362	(1.6284)	.4983	(.1962)	2
MAY-1	5.4671	(2.1524)	72051012	4.2478	(1.6724)	.4633	(.1824)	4.3420	(1.7094)	.4388	(.1728)	MAY-1
2	5.7280	(2.2551)	68052000	4.5393	(1.7871)	.4678	(.1842)	4.4756	(1.7620)	.3028	(.1192)	2
JUN-1	6.0556	(2.3841)	50060303	4.7431	(1.8674)	.8093	(.3186)	4.8373	(1.9045)	.6305	(.2482)	JUN-1
2	6.0101	(2.3662)	70062412	5.0895	(2.0037)	.3809	(.1500)	5.1741	(2.0370)	.3994	(.1573)	2
JUL-1	6.3363	(2.4946)	70071512	4.8458	(1.9078)	.5591	(.2201)	5.1645	(2.0333)	.4902	(.1930)	JUL-1
2	6.0439	(2.3795)	49072415	4.8213	(1.8982)	.5067	(.1995)	4.9859	(1.9630)	.3956	(.1557)	2
AUG-1	5.9505	(2.3427)	71080312	4.8223	(1.8985)	.4239	(.1669)	5.1269	(2.0185)	.4550	(.1792)	AUG-1
2	6.1087	(2.4050)	69082112	5.0865	(2.0026)	.4622	(.1820)	5.2533	(2.0682)	.4110	(.1618)	2
SEP-1	6.5585	(2.5821)	52091115	5.2642	(2.0725)	.4918	(.1936)	5.4248	(2.1358)	.5441	(.2142)	SEP-1
2	6.1598	(2.4251)	58092012	5.2672	(2.0737)	.5375	(.2116)	5.2730	(2.0760)	.6084	(.2395)	2
OCT-1	6.2649	(2.4665)	46101415	4.9785	(1.9601)	.5559	(.2188)	5.1046	(2.0097)	.5350	(.2106)	OCT-1
2	5.5753	(2.1950)	71101612	4.3725	(1.7215)	.6578	(.2590)	4.5409	(1.7878)	.7386	(.2908)	2
NOV-1	4.9896	(1.9644)	48111315	4.1532	(1.6351)	.6007	(.2365)	4.1807	(1.6459)	.5006	(.1971)	NOV-1
2	5.2522	(2.0678)	48111615	3.8678	(1.5228)	.6722	(.2646)	3.9729	(1.5641)	.5050	(.1988)	2
DEC-1	4.8849	(1.9232)	47121003	3.7479	(1.4755)	.4925	(.1939)	3.7271	(1.4674)	.4080	(.1606)	DEC-1
2	5.2321	(2.0599)	65121812	3.6166	(1.4239)	.4776	(.1880)	3.7604	(1.4805)	.5124	(.2017)	2
				SURFACE TO 700MB								
JAN-1	3.3660	(1.3252)	50010415	2.7467	(1.0814)	.3755	(.1478)	2.8157	(1.1085)	.3142	(.1237)	JAN-1
2	3.4882	(1.3733)	49012303	2.8041	(1.1040)	.3025	(.1191)	2.7871	(1.0973)	.2943	(.1159)	2
FEB-1	3.3594	(1.3226)	59021500	2.7250	(1.0728)	.3144	(.1238)	2.7574	(1.0856)	.3622	(.1426)	FEB-1
2	3.4811	(1.3705)	49022615	2.8593	(1.1257)	.2731	(.1075)	2.9262	(1.1521)	.2833	(.1115)	2
MAR-1	3.5707	(1.4058)	53031503	2.8329	(1.1153)	.3439	(.1354)	2.8427	(1.1192)	.2593	(.1021)	MAR-1
2	3.6170	(1.4240)	56032903	2.8607	(1.1263)	.3782	(.1489)	3.0383	(1.1962)	.2556	(.1006)	2
APR-1	3.9083	(1.5387)	69041112	3.2578	(1.2826)	.2450	(.0965)	3.2513	(1.2801)	.3066	(.1207)	APR-1
2	4.0178	(1.5818)	72042700	3.3018	(1.2999)	.3639	(.1433)	3.3617	(1.3235)	.3607	(.1420)	2
MAY-1	4.2258	(1.6637)	67050312	3.4928	(1.3751)	.3585	(.1411)	3.5735	(1.4069)	.3735	(.1470)	MAY-1
2	4.1618	(1.6385)	70053012	3.6802	(1.4489)	.2851	(.1123)	3.7085	(1.4600)	.2318	(.0913)	2
JUN-1	4.5626	(1.7963)	58061500	3.7061	(1.4591)	.4610	(.1815)	3.8310	(1.5083)	.3289	(.1295)	JUN-1
2	4.4315	(1.7447)	56061715	3.9118	(1.5401)	.2057	(.0810)	4.0456	(1.5927)	.1939	(.0763)	2
JUL-1	4.7216	(1.8589)	52070515	3.8022	(1.4969)	.3635	(.1431)	4.0041	(1.5764)	.3188	(.1255)	JUL-1
2	4.5049	(1.7736)	49072415	3.7941	(1.4937)	.3230	(.1272)	3.9654	(1.5612)	.2793	(.1100)	2
AUG-1	4.5314	(1.7840)	47080203	3.7594	(1.4801)	.2953	(.1163)	4.0405	(1.5907)	.2580	(.1016)	AUG-1
2	4.4285	(1.7435)	69082112	3.8943	(1.5332)	.2719	(.1070)	4.0735	(1.6037)	.1635	(.0644)	2
SEP-1	4.9121	(1.9339)	52091115	4.0272	(1.5855)	.2578	(.1015)	4.1636	(1.6392)	.2797	(.1101)	SEP-1
2	4.7988	(1.8893)	54092915	3.9661	(1.5615)	.3402	(.1339)	4.1461	(1.6323)	.3390	(.1335)	2
OCT-1	4.6185	(1.8183)	68100512	3.8962	(1.5339)	.3539	(.1393)	4.0226	(1.5837)	.2805	(.1104)	OCT-1
2	4.3884	(1.7277)	71101612	3.4830	(1.3713)	.4553	(.1793)	3.6606	(1.4412)	.5126	(.2018)	2
NOV-1	4.3040	(1.6945)	59110100	3.3908	(1.3350)	.4297	(.1692)	3.4314	(1.3510)	.3803	(.1497)	NOV-1
2	4.0846	(1.6081)	48111615	3.1748	(1.2499)	.4500	(.1772)	3.2929	(1.2964)	.3453	(.1360)	2
DEC-1	3.8793	(1.5273)	53121103	3.0679	(1.2078)	.3914	(.1541)	3.0007	(1.1814)	.2426	(.0955)	DEC-1
2	3.6627	(1.4420)	65121812	2.9407	(1.1577)	.2766	(.1089)	2.9816	(1.1738)	.3424	(.1348)	2
				SURFACE TO 850MB								
JAN-1	2.2766	(.8963)	52010215	1.8604	(.7325)	.2207	(.0869)	1.9023	(.7489)	.2032	(.0800)	JAN-1
2	2.2327	(.8790)	54012603	1.8967	(.7467)	.2071	(.0815)	1.8701	(.7363)	.2254	(.0888)	2
FEB-1	2.2718	(.8944)	53021115	1.8589	(.7319)	.2081	(.0819)	1.8858	(.7424)	.2167	(.0853)	FEB-1
2	2.1991	(.8658)	56022215	1.9061	(.7504)	.1918	(.0755)	1.9430	(.7650)	.1890	(.0744)	2
MAR-1	2.3465	(.9238)	49031403	1.9340	(.7614)	.1874	(.0738)	1.9379	(.7629)	.1404	(.0553)	MAR-1
2	2.3932	(.9422)	54032615	2.0228	(.7964)	.1469	(.0578)	2.0553	(.8092)	.1527	(.0601)	2
APR-1	2.5179	(.9913)	47041215	2.1544	(.8482)	.1467	(.0577)	2.1798	(.8582)	.1659	(.0653)	APR-1
2	2.5715	(1.0124)	57041803	2.2814	(.8982)	.1525	(.0600)	2.2720	(.8945)	.1497	(.0589)	2
MAY-1	2.7259	(1.0732)	72051212	2.3530	(.9264)	.1934	(.0761)	2.4061	(.9473)	.1446	(.0569)	MAY-1
2	2.7125	(1.0679)	57052703	2.4162	(.9512)	.1609	(.0634)	2.4698	(.9724)	.1012	(.0398)	2
JUN-1	2.8263	(1.1127)	58061112	2.4431	(.9618)	.1935	(.0762)	2.5545	(1.0057)	.1245	(.0490)	JUN-1
2	2.8529	(1.1232)	56062703	2.5636	(1.0093)	.1232	(.0485)	2.6375	(1.0384)	.1006	(.0396)	2
JUL-1	2.9568	(1.1641)	56070203	2.5101	(.9882)	.1818	(.0716)	2.6252	(1.0335)	.1285	(.0506)	JUL-1
2	2.8184	(1.1096)	70072612	2.5038	(.9858)	.1361	(.0536)	2.6114	(1.0281)	.1098	(.0432)	2
AUG-1	2.9621	(1.1662)	46080415	2.4676	(.9715)	.1362	(.0536)	2.6471	(1.0422)	.1108	(.0436)	AUG-1
2	2.9375	(1.1565)	46081915	2.5215	(.9927)	.1309	(.0515)	2.6614	(1.0478)	.1018	(.0401)	2
SEP-1	2.9119	(1.1464)	46091115	2.5668	(1.0105)	.1223	(.0481)	2.6530	(1.0445)	.1206	(.0475)	SEP-1
2	2.9695	(1.1691)	58092412	2.5006	(.9845)	.1455	(.0573)	2.6641	(1.0488)	.1478	(.0582)	2
OCT-1	2.8621	(1.1268)	46101103	2.5012	(.9847)	.1873	(.0738)	2.5427	(1.0010)	.1401	(.0551)	OCT-1
2	2.7798	(1.0944)	49102203	2.2947	(.9034)	.2444	(.0962)	2.3900	(.9410)	.2459	(.0968)	2
NOV-1	2.7818	(1.0952)	59110100	2.2662	(.8922)	.2073	(.0816)	2.2854	(.8998)	.1792	(.0705)	NOV-1
2	2.6281	(1.0347)	58111800	2.1256	(.8369)	.2446	(.0963)	2.1811	(.8587)	.1761	(.0693)	2
DEC-1	2.5753	(1.0139)	72121000	2.0862	(.8214)	.2268	(.0893)	2.0238	(.7968)	.1896	(.0747)	DEC-1
2	2.4181	(.9520)	48121703	1.9838	(.7810)	.1675	(.0659)	1.9669	(.7744)	.2130	(.0839)	2

BUFFALO, N.Y. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.9004	(1.1419)	50010415	1.7382	(.6843)	.6305	(.2482)	1.7995	(.7085)	.5813	(.2288)	JAN-1
2	2.8786	(1.1333)	59012200	1.7236	(.6786)	.5589	(.2200)	1.7583	(.6922)	.5745	(.2262)	2
FEB-1	2.7046	(1.0648)	66021100	1.7772	(.6997)	.5421	(.2134)	1.7659	(.6952)	.4647	(.1830)	FEB-1
2	2.8257	(1.1125)	54021603	1.5176	(.5975)	.5373	(.2115)	1.5071	(.5934)	.5194	(.2045)	2
MAR-1	2.8019	(1.1031)	57031203	1.7625	(.6939)	.5574	(.2194)	1.8602	(.7324)	.5371	(.2114)	MAR-1
2	3.1361	(1.2347)	48032115	1.9999	(.7874)	.5839	(.2299)	2.0231	(.7965)	.5308	(.2090)	2
APR-1	3.2692	(1.2871)	63040400	2.2258	(.8763)	.6293	(.2478)	2.4251	(.9547)	.3915	(.1541)	APR-1
2	3.5484	(1.3970)	63042000	2.6331	(1.0367)	.5442	(.2142)	2.5870	(1.0185)	.4491	(.1768)	2
MAY-1	3.9426	(1.5522)	56051403	3.0736	(1.2101)	.5126	(.2018)	3.0230	(1.1901)	.3961	(.1559)	MAY-1
2	4.4348	(1.7460)	56053103	3.2375	(1.2746)	.4687	(.1845)	3.1100	(1.2244)	.4624	(.1820)	2
JUN-1	4.3711	(1.7209)	49061403	3.6021	(1.4182)	.3961	(.1559)	3.5899	(1.4133)	.4263	(.1678)	JUN-1
2	4.9939	(1.9661)	48062403	3.9795	(1.5667)	.4925	(.1939)	3.9897	(1.5708)	.5177	(.2038)	2
JUL-1	5.1217	(2.0164)	70070200	4.1837	(1.6471)	.5275	(.2077)	4.0307	(1.5869)	.5400	(.2126)	JUL-1
2	5.0345	(1.9821)	70073112	4.2998	(1.6928)	.4327	(.1704)	4.1878	(1.6487)	.5504	(.2167)	2
AUG-1	5.3061	(2.0890)	55081403	3.9954	(1.5730)	.4679	(.1842)	4.0691	(1.6020)	.4773	(.1879)	AUG-1
2	5.2728	(2.0759)	59082412	4.2419	(1.6700)	.5238	(.2062)	4.2409	(1.6696)	.5211	(.2051)	2
SEP-1	4.9474	(1.9478)	54090515	4.0455	(1.5927)	.4890	(.1925)	4.1487	(1.6334)	.4421	(.1741)	SEP-1
2	4.9736	(1.9581)	46092403	3.7274	(1.4675)	.6200	(.2441)	3.6498	(1.4369)	.5993	(.2359)	2
OCT-1	4.4239	(1.7417)	59100600	2.9689	(1.1689)	.6913	(.2722)	3.1612	(1.2446)	.6002	(.2363)	OCT-1
2	4.2675	(1.6801)	68101900	2.9850	(1.1752)	.5852	(.2304)	2.7764	(1.0931)	.6145	(.2419)	2
NOV-1	3.4897	(1.3739)	56110103	2.5938	(1.0212)	.4896	(.1927)	2.5541	(1.0055)	.4440	(.1748)	NOV-1
2	3.7795	(1.4880)	58111800	2.3798	(.9369)	.5805	(.2285)	2.2755	(.8959)	.5500	(.2166)	2
DEC-1	3.0508	(1.2011)	49121203	2.1785	(.8577)	.4887	(.1924)	2.1045	(.8285)	.4511	(.1776)	DEC-1
2	2.8941	(1.1394)	67122200	1.8158	(.7149)	.5614	(.2210)	1.8388	(.7239)	.5477	(.2156)	2
				SURFACE TO 700MB								
JAN-1	2.0206	(.7955)	65010900	1.2775	(.5030)	.4497	(.1770)	1.3002	(.5119)	.4015	(.1581)	JAN-1
2	2.1306	(.8388)	50012515	1.3260	(.5221)	.4188	(.1649)	1.3324	(.5246)	.4381	(.1725)	2
FEB-1	1.8826	(.7412)	68020200	1.2482	(.4914)	.3734	(.1470)	1.2517	(.4928)	.3243	(.1277)	FEB-1
2	2.1328	(.8397)	54021603	1.1126	(.4380)	.4013	(.1580)	1.0713	(.4218)	.3947	(.1554)	2
MAR-1	2.0290	(.7988)	72030212	1.2983	(.5111)	.3952	(.1556)	1.3597	(.5353)	.4099	(.1614)	MAR-1
2	2.4427	(.9617)	48032115	1.4615	(.5754)	.4085	(.1608)	1.5202	(.5985)	.4242	(.1670)	2
APR-1	2.3752	(.9351)	67041500	1.6393	(.6454)	.4630	(.1823)	1.7807	(.7011)	.3319	(.1307)	APR-1
2	2.6347	(1.0373)	57042403	2.0111	(.7918)	.3496	(.1376)	1.9470	(.7665)	.3052	(.1202)	2
MAY-1	3.1232	(1.2296)	56051403	2.3062	(.9080)	.4079	(.1606)	2.2840	(.8992)	.3124	(.1230)	MAY-1
2	3.3741	(1.3284)	56053103	2.4769	(.9751)	.3278	(.1291)	2.3922	(.9418)	.3258	(.1283)	2
JUN-1	3.2332	(1.2729)	72061512	2.7411	(1.0792)	.2400	(.0945)	2.6973	(1.0619)	.2565	(.1010)	JUN-1
2	3.8870	(1.5303)	48062403	3.0771	(1.2114)	.3627	(.1428)	3.0631	(1.2060)	.3524	(.1388)	2
JUL-1	3.8303	(1.5080)	70070200	3.1354	(1.2344)	.3244	(.1277)	3.0235	(1.1903)	.3330	(.1311)	JUL-1
2	3.9675	(1.5620)	55072715	3.2309	(1.2720)	.2883	(.1135)	3.2497	(1.2794)	.3578	(.1409)	2
AUG-1	3.6878	(1.4519)	53080503	3.1248	(1.2302)	.3040	(.1197)	3.0528	(1.2019)	.3187	(.1255)	AUG-1
2	4.1186	(1.6215)	68082400	3.2333	(1.2730)	.3844	(.1513)	3.1522	(1.2410)	.3215	(.1266)	2
SEP-1	3.6916	(1.4534)	59091000	3.0881	(1.2158)	.3261	(.1284)	3.0962	(1.2190)	.2994	(.1179)	SEP-1
2	3.6850	(1.4508)	70092212	2.7942	(1.1001)	.4615	(.1817)	2.8165	(1.1089)	.4243	(.1670)	2
OCT-1	3.2032	(1.2611)	55100703	2.2974	(.9045)	.5026	(.1979)	2.4349	(.9586)	.3985	(.1569)	OCT-1
2	2.9878	(1.1763)	68101900	2.2172	(.8729)	.3785	(.1490)	2.0547	(.8090)	.4075	(.1604)	2
NOV-1	2.6391	(1.0390)	71110212	1.9906	(.7837)	.3328	(.1310)	1.9138	(.7535)	.3233	(.1273)	NOV-1
2	2.6406	(1.0396)	58111800	1.7328	(.6822)	.4053	(.1596)	1.6783	(.6608)	.4089	(.1610)	2
DEC-1	2.2908	(.9019)	49121203	1.5864	(.6246)	.3537	(.1393)	1.5187	(.5979)	.3167	(.1247)	DEC-1
2	2.1013	(.8273)	67122200	1.3222	(.5206)	.4005	(.1577)	1.3218	(.5204)	.3822	(.1505)	2
				SURFACE TO 850MB								
JAN-1	1.0914	(.4297)	66010100	.6579	(.2590)	.2425	(.0955)	.6548	(.2578)	.2189	(.0862)	JAN-1
2	1.1661	(.4591)	50012515	.6958	(.2739)	.2500	(.0984)	.6889	(.2712)	.2264	(.0891)	2
FEB-1	1.0041	(.3953)	68020200	.6414	(.2525)	.1795	(.0707)	.6276	(.2471)	.1628	(.0641)	FEB-1
2	1.1529	(.4539)	54021603	.5777	(.2274)	.2070	(.0815)	.5513	(.2171)	.1897	(.0747)	2
MAR-1	1.1052	(.4351)	72030212	.6893	(.2714)	.2001	(.0788)	.7001	(.2756)	.2045	(.0805)	MAR-1
2	1.4122	(.5560)	48032115	.7763	(.3056)	.2263	(.0891)	.7918	(.3118)	.2383	(.0938)	2
APR-1	1.3261	(.5221)	67040200	.8848	(.3483)	.2519	(.0992)	.9479	(.3732)	.2165	(.0853)	APR-1
2	1.6055	(.6321)	57042403	1.1336	(.4463)	.2005	(.0789)	1.0566	(.4160)	.2118	(.0834)	2
MAY-1	1.7805	(.7010)	56051403	1.3002	(.5119)	.2400	(.0945)	1.2789	(.5035)	.2242	(.0883)	MAY-1
2	1.8572	(.7312)	56053103	1.3977	(.5503)	.2082	(.0820)	1.3680	(.5386)	.2174	(.0856)	2
JUN-1	1.8415	(.7250)	52061503	1.6100	(.6339)	.1447	(.0570)	1.5729	(.6193)	.1433	(.0564)	JUN-1
2	2.2390	(.8815)	57061712	1.8122	(.7135)	.2239	(.0881)	1.7914	(.7053)	.2087	(.0822)	2
JUL-1	2.1491	(.8461)	55071003	1.7817	(.7015)	.1681	(.0662)	1.7420	(.6858)	.1747	(.0688)	JUL-1
2	2.3050	(.9075)	55072715	1.8840	(.7418)	.1717	(.0676)	1.9081	(.7512)	.2065	(.0813)	2
AUG-1	2.3256	(.9156)	55080115	1.8526	(.7294)	.1785	(.0703)	1.7618	(.6936)	.2027	(.0798)	AUG-1
2	2.3520	(.9260)	68082400	1.9040	(.7496)	.2140	(.0843)	1.8314	(.7210)	.1787	(.0704)	2
SEP-1	2.2438	(.8834)	59091000	1.7909	(.7051)	.2005	(.0790)	1.7889	(.7043)	.1912	(.0753)	SEP-1
2	2.1880	(.8614)	65091912	1.5979	(.6291)	.2872	(.1131)	1.5942	(.6276)	.2792	(.1099)	2
OCT-1	1.8895	(.7439)	54100403	1.3830	(.5445)	.2354	(.1124)	1.4142	(.5568)	.2211	(.0871)	OCT-1
2	1.6642	(.6552)	47101703	1.2572	(.4950)	.2026	(.0797)	1.1475	(.4518)	.2353	(.0926)	2
NOV-1	1.4971	(.5894)	56110103	1.1057	(.4353)	.2101	(.0827)	1.0617	(.4180)	.1932	(.0760)	NOV-1
2	1.4227	(.5601)	58111800	.9207	(.3625)	.2229	(.0878)	.8818	(.3471)	.2429	(.0956)	2
DEC-1	1.2024	(.4734)	49121203	.8140	(.3205)	.1861	(.0733)	.7914	(.3116)	.1748	(.0688)	DEC-1
2	1.1681	(.4599)	67121900	.6965	(.2742)	.2085	(.0821)	.6883	(.2710)	.2052	(.0808)	2

SURRWOOD-BOOTHVILLE, LA. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.3434	(1.7100)	50019912	3.4884	(1.3734)	.5273	(.2076)	3.4109	(1.3429)	.4617	(.1818)	JAN-1
2	4.4160	(1.7386)	60019900	3.5748	(1.4074)	.3930	(.1547)	3.3808	(1.3310)	.4294	(.1691)	2
FEB-1	4.4539	(1.7535)	50029912	3.4045	(1.3403)	.4748	(.1869)	3.4467	(1.3570)	.4999	(.1968)	FEB-1
2	4.1178	(1.6212)	64029912	3.4105	(1.3427)	.3888	(.1531)	3.2709	(1.2878)	.3790	(.1492)	2
MAR-1	4.8410	(1.9059)	58039900	3.8223	(1.5049)	.4307	(.1696)	3.5796	(1.4093)	.4026	(.1585)	MAR-1
2	4.8458	(1.9078)	69031800	3.7055	(1.4588)	.4775	(.1880)	3.5983	(1.4167)	.4700	(.1850)	2
APR-1	4.6294	(1.8226)	53049912	3.8248	(1.5058)	.4606	(.1813)	3.7023	(1.4576)	.5800	(.2284)	APR-1
2	4.6073	(1.8139)	53049912	3.8296	(1.5077)	.4104	(.1616)	3.8820	(1.5284)	.3276	(.1290)	2
MAY-1	5.0963	(2.0064)	69050800	4.0306	(1.5868)	.4765	(.1876)	4.0523	(1.5954)	.4659	(.1834)	MAY-1
2	5.2078	(2.0503)	46059912	4.2640	(1.6788)	.4478	(.1763)	4.2795	(1.6848)	.4552	(.1792)	2
JUN-1	6.5590	(2.5823)	58069912	4.7815	(1.8825)	.6069	(.2389)	4.8097	(1.8936)	.5102	(.2009)	JUN-1
2	6.0759	(2.3921)	58069912	5.0647	(1.9940)	.4358	(.1716)	5.1284	(2.0191)	.3800	(.1496)	2
JUL-1	6.6195	(2.6061)	69070600	5.1783	(2.0387)	.4399	(.1732)	5.3682	(2.1134)	.3363	(.1324)	JUL-1
2	6.2042	(2.4426)	66072112	5.2951	(2.0847)	.3774	(.1486)	5.3757	(2.1164)	.3562	(.1402)	2
AUG-1	6.4679	(2.5464)	59089912	5.2945	(2.0844)	.2265	(.0892)	5.5440	(2.1827)	.3770	(.1484)	AUG-1
2	6.2139	(2.4464)	46089912	5.4049	(2.1279)	.3672	(.1446)	5.5079	(2.1685)	.2291	(.0902)	2
SEP-1	6.3165	(2.4868)	71090400	5.3472	(2.1052)	.4101	(.1614)	5.4374	(2.1407)	.2958	(.1165)	SEP-1
2	6.1308	(2.4137)	54099912	5.2985	(2.0860)	.3589	(.1413)	5.2240	(2.0567)	.4981	(.1961)	2
OCT-1	6.2738	(2.4700)	64109912	4.6386	(1.8262)	.7867	(.3097)	4.7281	(1.8615)	.7576	(.2982)	OCT-1
2	5.5110	(2.1697)	58109900	4.2471	(1.6721)	.8318	(.3275)	4.0300	(1.5866)	.6831	(.2690)	2
NOV-1	5.2128	(2.0523)	61119912	4.1184	(1.6214)	.6303	(.2481)	3.9766	(1.5656)	.7604	(.2994)	NOV-1
2	5.7208	(2.2523)	48119900	3.9342	(1.5489)	.6702	(.2639)	3.9096	(1.5392)	.6371	(.2508)	2
DEC-1	4.9248	(1.9389)	72120600	3.7892	(1.4918)	.5627	(.2215)	3.8594	(1.5195)	.4584	(.1805)	DEC-1
2	4.5278	(1.7826)	48129900	3.7169	(1.4634)	.4999	(.1968)	3.6210	(1.4256)	.5493	(.2163)	2
				SURFACE TO 700MB								
JAN-1	3.4757	(1.3684)	72010500	2.8596	(1.1258)	.3453	(.1359)	2.7391	(1.0784)	.3339	(.1315)	JAN-1
2	3.3945	(1.3364)	65012300	2.9192	(1.1493)	.3577	(.1408)	2.7939	(1.1000)	.3974	(.1565)	2
FEB-1	3.3084	(1.3025)	50029912	2.7223	(1.0718)	.2844	(.1120)	2.7562	(1.0851)	.3962	(.1560)	FEB-1
2	3.2624	(1.2844)	62029900	2.7758	(1.0928)	.3879	(.1527)	2.6183	(1.0308)	.3208	(.1263)	2
MAR-1	3.6368	(1.4318)	63039900	3.0917	(1.2172)	.3215	(.1266)	2.9110	(1.1460)	.3642	(.1434)	MAR-1
2	3.7478	(1.4755)	69031800	3.0620	(1.2055)	.3062	(.1206)	2.9789	(1.1728)	.4284	(.1687)	2
APR-1	3.9685	(1.5624)	53049900	3.1759	(1.2504)	.3035	(.1195)	3.1089	(1.2240)	.4284	(.1687)	APR-1
2	3.7965	(1.4947)	53049912	3.1694	(1.2478)	.2669	(.1051)	3.2727	(1.2885)	.2866	(.1128)	2
MAY-1	4.2078	(1.6566)	64059900	3.3497	(1.3188)	.3501	(.1378)	3.3401	(1.3150)	.3545	(.1396)	MAY-1
2	4.0975	(1.6132)	66052212	3.4410	(1.3547)	.3239	(.1275)	3.4799	(1.3701)	.3073	(.1210)	2
JUN-1	4.9225	(1.9380)	58069912	3.8059	(1.4984)	.3393	(.1336)	3.8284	(1.5072)	.2952	(.1162)	JUN-1
2	4.9022	(1.9300)	58069912	3.9677	(1.5621)	.3154	(.1242)	4.0349	(1.5885)	.2771	(.1091)	2
JUL-1	4.7038	(1.8519)	69070600	3.9948	(1.5727)	.2428	(.0956)	4.0758	(1.6046)	.2540	(.1000)	JUL-1
2	4.7140	(1.8559)	64079900	4.1255	(1.6242)	.3049	(.1200)	4.1927	(1.6507)	.2201	(.0866)	2
AUG-1	4.8288	(1.9011)	51089912	4.0654	(1.6006)	.1698	(.0669)	4.2940	(1.6906)	.2684	(.1057)	AUG-1
2	4.9708	(1.9570)	59089900	4.1468	(1.6326)	.2613	(.1029)	4.2291	(1.6650)	.1641	(.0646)	2
SEP-1	4.7300	(1.8622)	68090500	4.1203	(1.6222)	.2653	(.1045)	4.0888	(1.6098)	.1755	(.0691)	SEP-1
2	4.6251	(1.8209)	58099900	4.0275	(1.5856)	.2693	(.1060)	4.0440	(1.5921)	.2713	(.1068)	2
OCT-1	4.5832	(1.8044)	64109912	3.6728	(1.4460)	.4672	(.1839)	3.7275	(1.4675)	.4391	(.1729)	OCT-1
2	4.0389	(1.5901)	57109900	3.3925	(1.3356)	.4871	(.1918)	3.3124	(1.3041)	.4575	(.1801)	2
NOV-1	4.1661	(1.6402)	72110600	3.2210	(1.2681)	.4625	(.1821)	3.2214	(1.2683)	.5541	(.2182)	NOV-1
2	4.3937	(1.7298)	48119900	3.1370	(1.2350)	.4455	(.1754)	3.1426	(1.2372)	.4303	(.1694)	2
DEC-1	3.8227	(1.5050)	71121100	3.0503	(1.2009)	.4060	(.1598)	3.0997	(1.2204)	.3725	(.1467)	DEC-1
2	3.5532	(1.3989)	48129912	3.0187	(1.1885)	.3307	(.1302)	2.8781	(1.1331)	.3731	(.1469)	2
				SURFACE TO 850MB								
JAN-1	2.2819	(.8984)	52019900	1.9125	(.7530)	.2000	(.0787)	1.8612	(.7328)	.2163	(.0852)	JAN-1
2	2.1885	(.8616)	47019900	1.8957	(.7464)	.2669	(.1051)	1.8313	(.7210)	.2683	(.1056)	2
FEB-1	2.2012	(.8666)	65020812	1.7870	(.7035)	.1945	(.0766)	1.8161	(.7150)	.2775	(.1092)	FEB-1
2	2.1034	(.8281)	53029900	1.7916	(.7053)	.2267	(.0893)	1.7306	(.6813)	.2084	(.0821)	2
MAR-1	2.2984	(.9049)	56039900	1.9595	(.7715)	.2053	(.0808)	1.9443	(.7655)	.1597	(.0629)	MAR-1
2	2.2187	(.8735)	54039900	1.9868	(.7822)	.1652	(.0650)	1.9579	(.7708)	.1818	(.0716)	2
APR-1	2.4211	(.9532)	53049912	2.0821	(.8197)	.1626	(.0640)	2.0381	(.8024)	.2103	(.0828)	APR-1
2	2.4493	(.9643)	67042400	2.1520	(.8472)	.1619	(.0637)	2.1872	(.8611)	.1572	(.0619)	2
MAY-1	2.6848	(1.0570)	46059912	2.2281	(.8772)	.1731	(.0681)	2.2700	(.8937)	.1841	(.0725)	MAY-1
2	2.6472	(1.0422)	55059912	2.3136	(.9109)	.1870	(.0736)	2.3384	(.9206)	.1755	(.0691)	2
JUN-1	2.8298	(1.1141)	67060200	2.4769	(.9751)	.1618	(.0637)	2.5136	(.9896)	.1370	(.0539)	JUN-1
2	3.1105	(1.2246)	58069912	2.5599	(1.0078)	.1605	(.0632)	2.6522	(1.0442)	.1388	(.0547)	2
JUL-1	3.1133	(1.2257)	57079912	2.6321	(1.0362)	.1163	(.0458)	2.6556	(1.0455)	.1374	(.0541)	JUL-1
2	3.0566	(1.2034)	52079900	2.7077	(1.0660)	.1385	(.0545)	2.7233	(1.0722)	.1109	(.0437)	2
AUG-1	3.1145	(1.2262)	51089912	2.6591	(1.0469)	.1226	(.0483)	2.7859	(1.0968)	.1143	(.0450)	AUG-1
2	2.9284	(1.1529)	51089900	2.6405	(1.0396)	.1295	(.0510)	2.7212	(1.0713)	.0902	(.0355)	2
SEP-1	2.8913	(1.1383)	68090500	2.6179	(1.0307)	.1227	(.0483)	2.6127	(1.0286)	.1136	(.0447)	SEP-1
2	3.0721	(1.2095)	58099900	2.5554	(1.0061)	.1780	(.0701)	2.6057	(1.0259)	.1626	(.0640)	2
OCT-1	2.8341	(1.1158)	64109912	2.3736	(.9345)	.2331	(.0918)	2.4181	(.9520)	.2596	(.1022)	OCT-1
2	2.5664	(1.0104)	57109900	2.2185	(.8734)	.2292	(.0902)	2.1604	(.8505)	.2091	(.0823)	2
NOV-1	2.5949	(1.0216)	61119912	2.0818	(.8196)	.2532	(.0997)	2.1042	(.8284)	.2911	(.1146)	NOV-1
2	2.5519	(1.0047)	57111800	2.0637	(.8125)	.1863	(.0733)	2.0525	(.8081)	.1960	(.0772)	2
DEC-1	2.3848	(.9389)	72120900	2.0123	(.7923)	.2381	(.0938)	1.9962	(.7859)	.2249	(.0886)	DEC-1
2	2.3607	(.9294)	71121612	1.9334	(.7612)	.2027	(.0798)	1.9208	(.7562)	.2324	(.0915)	2

CAPE HATTERAS, N. CAR. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED			MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z)				12Z(15Z)				MONTH
	MAXIMUM CM.	(IN.)	DATE	MEAN CM.	(IN.)	SD CM.	(IN.)	MEAN CM.	(IN.)	SD CM.	(IN.)	
				SURFACE TO 400MB								
JAN-1	4.2700	(1.6811)	72011412	3.0586	(1.2042)	.4721	(.1859)	3.1347	(1.2341)	.6541	(.2575)	JAN-1
2	4.0472	(1.5934)	65012412	3.0257	(1.1912)	.5825	(.2293)	3.0870	(1.2153)	.6413	(.2525)	2
FEB-1	4.0637	(1.5999)	60029900	3.0272	(1.1918)	.6909	(.2720)	3.1190	(1.2280)	.5523	(.2174)	FEB-1
2	3.8163	(1.5025)	46029900	2.9482	(1.1607)	.5031	(.1981)	2.9231	(1.1508)	.5452	(.2147)	2
MAR-1	4.0437	(1.5920)	71030400	2.9956	(1.1794)	.5197	(.2046)	3.2534	(1.2809)	.3947	(.1554)	MAR-1
2	4.3177	(1.6999)	52039900	3.1779	(1.2511)	.5095	(.2006)	3.2284	(1.2710)	.4679	(.1842)	2
APR-1	4.6934	(1.8478)	47049900	3.4446	(1.3561)	.4894	(.1927)	3.3481	(1.3181)	.4209	(.1657)	APR-1
2	4.3980	(1.7315)	70042900	3.5196	(1.3857)	.4164	(.1640)	3.3973	(1.3375)	.3111	(.1225)	2
MAY-1	4.7114	(1.8549)	68051300	3.7400	(1.4725)	.4797	(.1889)	3.6785	(1.4482)	.4092	(.1611)	MAY-1
2	5.0716	(1.9967)	47059912	4.1682	(1.6410)	.3578	(.1409)	4.2314	(1.6659)	.4004	(.1576)	2
JUN-1	5.4818	(2.1582)	46069912	4.4041	(1.7339)	.3897	(.1534)	4.4575	(1.7549)	.4863	(.1915)	JUN-1
2	6.3508	(2.5003)	51069900	4.9696	(1.9565)	.4271	(.1681)	4.9464	(1.9474)	.4141	(.1630)	2
JUL-1	6.0556	(2.3841)	48079912	5.1300	(2.0197)	.3591	(.1414)	5.1850	(2.0413)	.3642	(.1434)	JUL-1
2	6.3383	(2.4954)	69072400	5.3687	(2.1137)	.4385	(.1726)	5.3761	(2.1166)	.2760	(.1087)	2
AUG-1	6.8318	(2.6897)	70080100	5.2469	(2.0657)	.4602	(.1812)	5.2149	(2.0531)	.3260	(.1283)	AUG-1
2	6.4341	(2.5331)	64089900	5.3656	(2.1125)	.4250	(.1673)	5.2017	(2.0479)	.3688	(.1452)	2
SEP-1	5.7290	(2.2555)	52099912	5.0387	(1.9837)	.3946	(.1554)	4.9686	(1.9561)	.4961	(.1953)	SEP-1
2	6.0010	(2.3626)	55099912	4.9207	(1.9373)	.4756	(.1873)	4.8548	(1.9113)	.5292	(.2083)	2
OCT-1	5.7988	(2.2830)	71100100	4.4396	(1.7479)	.7617	(.2999)	4.4726	(1.7609)	.6189	(.2436)	OCT-1
2	5.4760	(2.1559)	68101912	3.9590	(1.5587)	.5666	(.2231)	4.0733	(1.6036)	.4596	(.1809)	2
NOV-1	5.0701	(1.9961)	48119912	3.6776	(1.4479)	.6164	(.2427)	3.6282	(1.4284)	.7058	(.2779)	NOV-1
2	4.5372	(1.7863)	48119912	3.4204	(1.3466)	.5399	(.2125)	3.3463	(1.3174)	.6182	(.2434)	2
DEC-1	4.3274	(1.7037)	69121100	3.4560	(1.3606)	.4651	(.1831)	3.1317	(1.2330)	.7367	(.2900)	DEC-1
2	5.0546	(1.9900)	72122212	3.2780	(1.2906)	.5541	(.2182)	3.3724	(1.3277)	.6525	(.2569)	2
				SURFACE TO 700MB								
JAN-1	3.3264	(1.3096)	72011412	2.4113	(.9493)	.3775	(.1486)	2.3999	(.9449)	.4816	(.1896)	JAN-1
2	3.2370	(1.2744)	47019900	2.3608	(.9294)	.4932	(.1942)	2.4058	(.9471)	.5048	(.1987)	2
FEB-1	3.0310	(1.1933)	50029900	2.4008	(.9452)	.4809	(.1893)	2.5008	(.9846)	.3968	(.1562)	FEB-1
2	3.0168	(1.1877)	61029912	2.3262	(.9158)	.3629	(.1429)	2.2914	(.9021)	.4373	(.1722)	2
MAR-1	3.3000	(1.2992)	47039900	2.5197	(.9920)	.4354	(.1714)	2.5643	(1.0096)	.3265	(.1285)	MAR-1
2	3.2024	(1.2608)	52039900	2.5055	(.9864)	.3623	(.1427)	2.5198	(.9921)	.3740	(.1472)	2
APR-1	3.3208	(1.3074)	60049912	2.7051	(1.0650)	.3187	(.1255)	2.5894	(1.0194)	.3293	(.1296)	APR-1
2	3.3345	(1.3128)	56049912	2.7814	(1.0950)	.2265	(.0892)	2.7339	(1.0764)	.2668	(.1050)	2
MAY-1	3.7683	(1.4836)	68051300	2.9826	(1.1742)	.2969	(.1169)	2.9158	(1.1480)	.2461	(.0969)	MAY-1
2	3.9406	(1.5514)	53059912	3.2261	(1.2701)	.2387	(.0940)	3.2627	(1.2845)	.2913	(.1147)	2
JUN-1	4.2301	(1.6654)	52069900	3.4422	(1.3552)	.2745	(.1081)	3.4975	(1.3770)	.2745	(.1081)	JUN-1
2	4.4458	(1.7503)	48069912	3.7841	(1.4898)	.3147	(.1239)	3.8158	(1.5023)	.3005	(.1183)	2
JUL-1	4.6007	(1.8113)	67071300	3.9137	(1.5408)	.2274	(.0895)	3.9900	(1.5709)	.2271	(.0894)	JUL-1
2	4.5657	(1.7975)	72072512	4.1019	(1.6149)	.2443	(.0962)	4.0742	(1.6040)	.1676	(.0660)	2
AUG-1	5.0836	(2.0014)	70080100	4.0150	(1.5807)	.3381	(.1331)	3.9869	(1.5696)	.2322	(.0914)	AUG-1
2	4.5288	(1.7830)	55089912	4.0540	(1.5961)	.2313	(.0910)	4.0127	(1.5798)	.2599	(.1023)	2
SEP-1	4.4674	(1.7588)	50099900	3.8516	(1.5164)	.2899	(.1141)	3.8364	(1.5104)	.3220	(.1268)	SEP-1
2	4.2278	(1.6645)	53099900	3.6821	(1.4497)	.2655	(.1045)	3.6842	(1.4505)	.3359	(.1323)	2
OCT-1	4.2944	(1.6907)	69100300	3.4501	(1.3583)	.4519	(.1779)	3.4889	(1.3736)	.4204	(.1655)	OCT-1
2	3.9395	(1.5510)	68101912	3.0342	(1.1946)	.3893	(.1533)	3.1631	(1.2453)	.3256	(.1282)	2
NOV-1	3.6721	(1.4457)	48119912	2.8326	(1.1152)	.4314	(.1698)	2.8058	(1.1046)	.5099	(.2008)	NOV-1
2	3.3383	(1.3143)	48119912	2.6726	(1.0522)	.3497	(.1377)	2.6998	(1.0629)	.4060	(.1599)	2
DEC-1	3.3967	(1.3373)	68120212	2.6916	(1.0597)	.3558	(.1401)	2.5656	(1.0101)	.5271	(.2075)	DEC-1
2	3.5014	(1.3785)	72122212	2.5279	(.9952)	.3808	(.1499)	2.6428	(1.0405)	.4399	(.1732)	2
				SURFACE TO 850MB								
JAN-1	2.0231	(.7965)	72011412	1.5114	(.5950)	.2500	(.0984)	1.4716	(.5794)	.3083	(.1214)	JAN-1
2	2.2987	(.9050)	47019900	1.5288	(.6019)	.3331	(.1312)	1.5070	(.5933)	.3313	(.1304)	2
FEB-1	1.8918	(.7448)	50029900	1.5126	(.5955)	.2525	(.0994)	1.5435	(.6077)	.1851	(.0729)	FEB-1
2	1.9802	(.7796)	61029912	1.4496	(.5707)	.2743	(.1080)	1.3966	(.5498)	.2777	(.1093)	2
MAR-1	1.9967	(.7861)	63039912	1.5264	(.6009)	.3142	(.1237)	1.6212	(.6383)	.2347	(.0924)	MAR-1
2	2.0671	(.8138)	52039912	1.5967	(.6286)	.1880	(.0740)	1.6006	(.6302)	.2586	(.1018)	2
APR-1	2.1168	(.8334)	60049912	1.7150	(.6752)	.1871	(.0737)	1.6713	(.6580)	.2129	(.0838)	APR-1
2	2.2487	(.8853)	70042900	1.7921	(.7056)	.1387	(.0546)	1.7402	(.6851)	.1864	(.0734)	2
MAY-1	2.3782	(.9363)	46059900	1.9443	(.7655)	.1897	(.0747)	1.8891	(.7438)	.1524	(.0600)	MAY-1
2	2.4498	(.9645)	53059900	2.0660	(.8134)	.1597	(.0629)	2.0633	(.8123)	.1761	(.0693)	2
JUN-1	2.5933	(1.0210)	52069900	2.2026	(.8672)	.1536	(.0605)	2.2411	(.8823)	.1599	(.0629)	JUN-1
2	3.0307	(1.1932)	52069900	2.4333	(.9580)	.2206	(.0868)	2.4649	(.9704)	.1637	(.0645)	2
JUL-1	2.9921	(1.1780)	70070412	2.4981	(.9835)	.1465	(.0577)	2.5488	(1.0035)	.1783	(.0702)	JUL-1
2	2.9042	(1.1434)	49079900	2.6105	(1.0277)	.1407	(.0554)	2.6092	(1.0272)	.1211	(.0477)	2
AUG-1	3.0688	(1.2082)	70080100	2.5757	(1.0140)	.1807	(.0712)	2.5519	(1.0047)	.1338	(.0527)	AUG-1
2	2.9200	(1.1496)	70081712	2.5596	(1.0077)	.1238	(.0487)	2.5798	(1.0157)	.1509	(.0594)	2
SEP-1	2.8669	(1.1287)	50099900	2.4681	(.9717)	.1702	(.0670)	2.4662	(.9709)	.1880	(.0740)	SEP-1
2	2.6667	(1.0499)	69091800	2.3570	(.9280)	.1788	(.0704)	2.3433	(.9226)	.2092	(.0824)	2
OCT-1	2.7455	(1.0809)	69100300	2.1723	(.8553)	.2691	(.1060)	2.1745	(.8561)	.2126	(.0837)	OCT-1
2	2.4973	(.9832)	68102000	1.9472	(.7666)	.2330	(.0917)	1.9861	(.7819)	.2280	(.0898)	2
NOV-1	2.2156	(.8723)	71110312	1.7850	(.7027)	.2326	(.0916)	1.7491	(.6886)	.3011	(.1185)	NOV-1
2	2.1829	(.8594)	68112912	1.7127	(.6743)	.2196	(.0865)	1.7244	(.6789)	.2607	(.1026)	2
DEC-1	2.1250	(.8366)	71121212	1.6962	(.6678)	.2110	(.0831)	1.6398	(.6456)	.3391	(.1335)	DEC-1
2	2.1643	(.8521)	72122212	1.5926	(.6270)	.2175	(.0856)	1.6363	(.6442)	.2596	(.1022)	2

CARIBOU, ME. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.8313	(1.1147)	50010415	1.2550	(.4941)	.4896	(.1928)	1.4975	(.5896)	.5757	(.2266)	JAN-1
2	2.6975	(1.0620)	59012212	1.4199	(.5590)	.4110	(.1618)	1.4591	(.5744)	.4962	(.1953)	2
FEB-1	2.5032	(.9855)	70020400	1.4418	(.5677)	.4498	(.1771)	1.4445	(.5687)	.3919	(.1543)	FEB-1
2	2.4346	(.9585)	53022115	1.2236	(.4817)	.4080	(.1606)	1.1634	(.4580)	.3952	(.1556)	2
MAR-1	2.1102	(.8308)	64030512	1.3256	(.5219)	.3120	(.1228)	1.4128	(.5562)	.3768	(.1483)	MAR-1
2	2.5192	(.9918)	60033112	1.5626	(.6152)	.3967	(.1562)	1.6161	(.6363)	.5105	(.2010)	2
APR-1	2.9065	(1.1443)	55041503	1.7520	(.6897)	.4378	(.1921)	1.8294	(.7202)	.4724	(.1860)	APR-1
2	2.9807	(1.1735)	57042103	1.9299	(.7598)	.4545	(.1790)	1.9192	(.7556)	.4331	(.1705)	2
MAY-1	3.1900	(1.2559)	50050615	2.3114	(.9100)	.4602	(.1812)	2.3890	(.9406)	.4223	(.1663)	MAY-1
2	3.6571	(1.4398)	59052212	2.8671	(1.1288)	.4532	(.1784)	2.8212	(1.1107)	.4772	(.1879)	2
JUN-1	4.6027	(1.8121)	49061503	3.2197	(1.2676)	.5070	(.1996)	3.2994	(1.2990)	.5536	(.2180)	JUN-1
2	4.6152	(1.8170)	57062000	3.4849	(1.3720)	.4710	(.1854)	3.4519	(1.3590)	.4540	(.1787)	2
JUL-1	4.5682	(1.7985)	52070415	3.6235	(1.4266)	.3861	(.1520)	3.5133	(1.3832)	.4407	(.1735)	JUL-1
2	5.0696	(1.9959)	68071900	4.0263	(1.5851)	.4885	(.1923)	3.8563	(1.5182)	.5487	(.2160)	2
AUG-1	4.9731	(1.9579)	55081515	3.8663	(1.5222)	.4847	(.1908)	3.5929	(1.4145)	.4893	(.1926)	AUG-1
2	4.8161	(1.8961)	47082403	3.8042	(1.4977)	.5557	(.2188)	3.6694	(1.4446)	.4633	(.1824)	2
SEP-1	4.7064	(1.8529)	56090303	3.5763	(1.4080)	.5701	(.2244)	3.6231	(1.4264)	.5906	(.2325)	SEP-1
2	4.3868	(1.7271)	67093000	3.3477	(1.3180)	.6131	(.2414)	3.2992	(1.2989)	.5189	(.2043)	2
OCT-1	4.2441	(1.6709)	72100100	2.8888	(1.1373)	.5218	(.2054)	2.7410	(1.0791)	.4865	(.1915)	OCT-1
2	4.1758	(1.6440)	54101615	2.6300	(1.0354)	.5901	(.2323)	2.4979	(.9834)	.5329	(.2098)	2
NOV-1	3.3327	(1.3121)	67110312	2.2883	(.9009)	.5896	(.2321)	2.2903	(.9017)	.6046	(.2380)	NOV-1
2	3.4549	(1.3602)	53112603	2.1134	(.8320)	.5940	(.2339)	1.9879	(.7827)	.5403	(.2127)	2
DEC-1	2.8778	(1.1330)	66121112	1.6865	(.6640)	.4881	(.1922)	1.7374	(.6840)	.5177	(.2038)	DEC-1
2	2.7937	(1.0999)	67122212	1.5113	(.5950)	.5592	(.2202)	1.4397	(.5668)	.5582	(.2198)	2
				SURFACE TO 700MB								
JAN-1	1.9990	(.7870)	56010815	.8863	(.3489)	.3519	(.1385)	1.0583	(.4167)	.4171	(.1642)	JAN-1
2	1.9355	(.7620)	50012603	1.0444	(.4112)	.3406	(.1341)	1.0103	(.3978)	.3473	(.1367)	2
FEB-1	1.7404	(.6852)	68020312	1.0207	(.4018)	.3066	(.1207)	1.0227	(.4026)	.3113	(.1226)	FEB-1
2	1.6370	(.6445)	53022115	.8551	(.3366)	.2893	(.1139)	.8075	(.3179)	.2765	(.1089)	2
MAR-1	1.4445	(.5687)	55031115	.9533	(.3753)	.2519	(.0992)	.9635	(.3793)	.2699	(.1063)	MAR-1
2	1.7846	(.7026)	60033112	1.1113	(.4375)	.3009	(.1185)	1.1699	(.4606)	.3671	(.1445)	2
APR-1	1.9924	(.7844)	55041503	1.2604	(.4962)	.3547	(.1397)	1.3065	(.5144)	.3335	(.1313)	APR-1
2	2.2111	(.8705)	57042103	1.3985	(.5506)	.3540	(.1394)	1.3886	(.5467)	.2846	(.1121)	2
MAY-1	2.3800	(.9370)	49050303	1.6859	(.6637)	.3618	(.1424)	1.7379	(.6842)	.3233	(.1273)	MAY-1
2	2.7064	(1.0655)	55052503	2.1199	(.8346)	.3169	(.1247)	2.1045	(.8285)	.3195	(.1258)	2
JUN-1	3.5659	(1.4039)	49061503	2.4358	(.9590)	.3554	(.1399)	2.4533	(.9659)	.3930	(.1547)	JUN-1
2	3.2342	(1.2733)	57062000	2.6523	(1.0442)	.3299	(.1299)	2.6112	(1.0280)	.2741	(.1079)	2
JUL-1	3.2052	(1.2619)	47070203	2.7392	(1.0784)	.2556	(.1006)	2.6416	(1.0400)	.2662	(.1048)	JUL-1
2	3.4933	(1.3753)	68071900	2.9384	(1.1569)	.3185	(.1254)	2.8958	(1.1401)	.3203	(.1261)	2
AUG-1	3.8278	(1.5070)	47081403	2.8705	(1.1301)	.3562	(.1402)	2.7141	(1.0685)	.3482	(.1371)	AUG-1
2	3.5141	(1.3835)	55081903	2.8609	(1.1263)	.3457	(.1361)	2.7358	(1.0771)	.3093	(.1218)	2
SEP-1	3.3122	(1.3040)	53090603	2.7187	(1.0704)	.3438	(.1354)	2.6465	(1.0419)	.3577	(.1408)	SEP-1
2	3.2675	(1.2864)	58092600	2.4969	(.9830)	.4537	(.1786)	2.4306	(.9569)	.3423	(.1347)	2
OCT-1	2.8750	(1.1319)	72100100	2.1894	(.8620)	.3519	(.1386)	2.0037	(.7889)	.3278	(.1291)	OCT-1
2	2.7882	(1.0977)	54101615	1.9479	(.7669)	.3720	(.1465)	1.8935	(.7455)	.3480	(.1370)	2
NOV-1	2.5093	(.9879)	67110312	1.6863	(.6639)	.4344	(.1710)	1.6831	(.6626)	.4282	(.1686)	NOV-1
2	2.4204	(.9529)	53112603	1.4897	(.5865)	.4161	(.1638)	1.3875	(.5462)	.3808	(.1499)	2
DEC-1	2.1460	(.8449)	66121112	1.2299	(.4842)	.3422	(.1347)	1.2293	(.4840)	.3649	(.1437)	DEC-1
2	2.0673	(.8139)	64122700	1.0714	(.4218)	.4157	(.1637)	.9869	(.3886)	.4012	(.1580)	2
				SURFACE TO 850MB								
JAN-1	1.0244	(.4033)	50010415	.4604	(.1813)	.1822	(.0717)	.5122	(.2016)	.2077	(.0818)	JAN-1
2	1.0175	(.4006)	50012603	.4976	(.1959)	.1709	(.0673)	.4781	(.1882)	.1648	(.0649)	2
FEB-1	.8410	(.3311)	68020312	.4993	(.1966)	.1589	(.0625)	.4836	(.1904)	.1476	(.0581)	FEB-1
2	.7676	(.3022)	53022115	.3930	(.1547)	.1337	(.0526)	.3943	(.1552)	.1366	(.0538)	2
MAR-1	.7369	(.2901)	46030715	.4697	(.1849)	.1161	(.0457)	.4622	(.1820)	.1176	(.0463)	MAR-1
2	.9047	(.3562)	49032315	.5524	(.2175)	.1402	(.0552)	.5894	(.2320)	.1825	(.0719)	2
APR-1	1.0325	(.4065)	47041203	.6663	(.2623)	.1922	(.0757)	.6492	(.2556)	.1598	(.0629)	APR-1
2	1.1778	(.4637)	57042103	.7344	(.2891)	.1964	(.0773)	.7197	(.2833)	.1750	(.0689)	2
MAY-1	1.3520	(.5323)	49050303	.9165	(.3608)	.2165	(.0852)	.9336	(.3675)	.1927	(.0759)	MAY-1
2	1.5364	(.6049)	55052503	1.1808	(.4649)	.1993	(.0785)	1.1745	(.4624)	.1725	(.0679)	2
JUN-1	2.1328	(.8397)	49061503	1.3731	(.5406)	.2192	(.0863)	1.3625	(.5364)	.2480	(.0977)	JUN-1
2	1.9241	(.7575)	48063003	1.5347	(.6042)	.2059	(.0811)	1.5084	(.5938)	.1772	(.0698)	2
JUL-1	1.9870	(.7823)	55071015	1.5818	(.6228)	.1534	(.0604)	1.5534	(.6116)	.1853	(.0730)	JUL-1
2	1.9911	(.7839)	69073000	1.6988	(.6688)	.2029	(.0799)	1.6708	(.6578)	.1978	(.0779)	2
AUG-1	2.2652	(.8918)	47081403	1.6251	(.6398)	.2275	(.0896)	1.5649	(.6161)	.2057	(.0810)	AUG-1
2	1.9637	(.7731)	47082603	1.6355	(.6439)	.1910	(.0752)	1.5818	(.6227)	.1780	(.0701)	2
SEP-1	1.8547	(.7302)	53090715	1.5574	(.6131)	.1735	(.0683)	1.4916	(.5873)	.2115	(.0833)	SEP-1
2	1.8191	(.7162)	61092500	1.4081	(.5544)	.2796	(.1101)	1.3292	(.5233)	.2565	(.1010)	2
OCT-1	1.5042	(.5922)	72100100	1.2049	(.4744)	.1318	(.0716)	1.1130	(.4382)	.1854	(.0730)	OCT-1
2	1.5664	(.6167)	68101600	1.0824	(.4261)	.2206	(.0868)	1.0473	(.4123)	.2058	(.0810)	2
NOV-1	1.3782	(.5426)	67110312	.8914	(.3509)	.2495	(.0982)	.9192	(.3619)	.2497	(.0983)	NOV-1
2	1.2144	(.4781)	53112603	.7510	(.2957)	.2209	(.0870)	.7261	(.2859)	.2092	(.0824)	2
DEC-1	1.1488	(.4523)	66121112	.6429	(.2531)	.2078	(.0818)	.6040	(.2378)	.1892	(.0745)	DEC-1
2	1.0828	(.4263)	64122700	.5332	(.2099)	.2196	(.0865)	.4895	(.1927)	.1993	(.0785)	2

CHARLESTON, S.C. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.1046	(1.6160)	64010912	3.1818	(1.2527)	.5860	(.2307)	3.2074	(1.2628)	.5601	(.2205)	JAN-1
2	4.0737	(1.6038)	57013015	3.0527	(1.2019)	.5800	(.2283)	3.1798	(1.2519)	.3698	(.1456)	2
FEB-1	4.2299	(1.6653)	66021312	3.0897	(1.2164)	.5428	(.2137)	3.1456	(1.2384)	.5675	(.2234)	FEB-1
2	4.2405	(1.6695)	71022300	3.0853	(1.2147)	.5728	(.2255)	3.0162	(1.1875)	.4642	(.1827)	2
MAR-1	4.2741	(1.6827)	63031312	3.2019	(1.2606)	.4627	(.1822)	3.2168	(1.2664)	.5998	(.2362)	MAR-1
2	4.3840	(1.7260)	70033112	3.3460	(1.3173)	.4420	(.1740)	3.3016	(1.2999)	.5163	(.2033)	2
APR-1	4.5329	(1.7846)	47041403	3.4903	(1.3741)	.4257	(.1676)	3.4549	(1.3602)	.4417	(.1739)	APR-1
2	4.3889	(1.7279)	67042700	3.6618	(1.4416)	.3758	(.1479)	3.6514	(1.4376)	.4640	(.1827)	2
MAY-1	5.0358	(1.9826)	57051115	3.8889	(1.5311)	.4129	(.1625)	3.9313	(1.5477)	.4285	(.1687)	MAY-1
2	4.9075	(1.9321)	71051600	4.3396	(1.7085)	.3422	(.1347)	4.2580	(1.6764)	.3617	(.1424)	2
JUN-1	5.5964	(2.2033)	66061100	4.7038	(1.8519)	.4273	(.1682)	4.5417	(1.7881)	.5042	(.1985)	JUN-1
2	6.1717	(2.4298)	65061600	5.1300	(2.0197)	.4073	(.1604)	4.9979	(1.9677)	.3907	(.1538)	2
JUL-1	5.6695	(2.2321)	59070900	5.1884	(2.0427)	.2659	(.1047)	5.0733	(1.9974)	.2626	(.1034)	JUL-1
2	6.5809	(2.5909)	64072712	5.3630	(2.1114)	.3119	(.1228)	5.1965	(2.0459)	.4137	(.1629)	2
AUG-1	5.8753	(2.3131)	51081203	5.3686	(2.1136)	.3138	(.1235)	5.2551	(2.0689)	.2958	(.1164)	AUG-1
2	6.1150	(2.4075)	70082500	5.3648	(2.1121)	.3315	(.1305)	5.1830	(2.0406)	.3301	(.1300)	2
SEP-1	5.9980	(2.3614)	53090103	5.1516	(2.0282)	.3444	(.1356)	5.1437	(2.0251)	.3759	(.1480)	SEP-1
2	5.7780	(2.2748)	53092703	4.9599	(1.9527)	.3746	(.1475)	4.8778	(1.9204)	.4626	(.1821)	2
OCT-1	5.7935	(2.2809)	69100212	4.6128	(1.8161)	.4955	(.1951)	4.4593	(1.7556)	.7591	(.2988)	OCT-1
2	5.5860	(2.1992)	68101800	4.0352	(1.5886)	.7972	(.3139)	3.9672	(1.5619)	.7160	(.2819)	2
NOV-1	5.2108	(2.0515)	72110412	3.7288	(1.4680)	.5300	(.2087)	3.7164	(1.4632)	.6279	(.2472)	NOV-1
2	5.1181	(2.0150)	48112903	3.5515	(1.3982)	.6349	(.2500)	3.4899	(1.3740)	.5621	(.2213)	2
DEC-1	4.3266	(1.7034)	72121512	3.4602	(1.3623)	.5508	(.2168)	3.5089	(1.3814)	.5041	(.1985)	DEC-1
2	4.4442	(1.7497)	72122200	3.2583	(1.2828)	.4918	(.1936)	3.3351	(1.3130)	.3383	(.1332)	2
				SURFACE TO 700MB								
JAN-1	3.2126	(1.2648)	47010403	2.4952	(.9824)	.4261	(.1677)	2.4953	(.9824)	.4344	(.1710)	JAN-1
2	3.1463	(1.2387)	57012303	2.4317	(.9574)	.4295	(.1691)	2.4971	(.9831)	.2833	(.1116)	2
FEB-1	3.1344	(1.2340)	59021400	2.4447	(.9625)	.3510	(.1382)	2.4476	(.9636)	.4134	(.1627)	FEB-1
2	3.2146	(1.2656)	71022300	2.4538	(.9661)	.4413	(.1738)	2.3952	(.9430)	.4205	(.1655)	2
MAR-1	3.1897	(1.2558)	48031115	2.6285	(1.0349)	.3480	(.1370)	2.5771	(1.0146)	.4496	(.1770)	MAR-1
2	3.5580	(1.4008)	70033112	2.6586	(1.0467)	.3625	(.1427)	2.5806	(1.0160)	.4009	(.1578)	2
APR-1	3.5565	(1.4002)	47041415	2.8032	(1.1036)	.3155	(.1242)	2.7639	(1.0881)	.3624	(.1427)	APR-1
2	3.4867	(1.3727)	53043015	2.9098	(1.1456)	.2343	(.0922)	2.9457	(1.1597)	.2991	(.1178)	2
MAY-1	3.6711	(1.4453)	68051400	3.1172	(1.2273)	.2847	(.1121)	3.1252	(1.2304)	.2597	(.1023)	MAY-1
2	4.0927	(1.6113)	53052503	3.3991	(1.3382)	.2493	(.0981)	3.3323	(1.3119)	.2894	(.1140)	2
JUN-1	4.2598	(1.6771)	58061500	3.6440	(1.4346)	.2938	(.1157)	3.5566	(1.4002)	.3348	(.1318)	JUN-1
2	4.5298	(1.7834)	65061600	3.9692	(1.5627)	.2235	(.0880)	3.8628	(1.5208)	.2731	(.1075)	2
JUL-1	4.3894	(1.7281)	53070403	3.9468	(1.5539)	.2034	(.0801)	3.9282	(1.5465)	.1680	(.0661)	JUL-1
2	4.8141	(1.8953)	66071600	4.0715	(1.6030)	.2553	(.1005)	3.9783	(1.5663)	.2557	(.1007)	2
AUG-1	4.4892	(1.7674)	57081400	4.1110	(1.6185)	.1822	(.0717)	4.0274	(1.5856)	.1627	(.0641)	AUG-1
2	4.5877	(1.8062)	61082612	4.0295	(1.5864)	.2132	(.0839)	3.9991	(1.5744)	.2240	(.0882)	2
SEP-1	4.6213	(1.8194)	50090715	3.9309	(1.5476)	.2188	(.0861)	3.9723	(1.5639)	.2327	(.0916)	SEP-1
2	4.3000	(1.6929)	53093015	3.7609	(1.4807)	.2764	(.1088)	3.7463	(1.4749)	.2986	(.1175)	2
OCT-1	4.2446	(1.6711)	54100315	3.5234	(1.3872)	.3172	(.1249)	3.4566	(1.3609)	.4580	(.1803)	OCT-1
2	3.8842	(1.5292)	68101800	3.1015	(1.2211)	.5257	(.2070)	3.0569	(1.2035)	.4540	(.1787)	2
NOV-1	4.2388	(1.6688)	72110412	2.8750	(1.1319)	.3896	(.1534)	2.9753	(1.1714)	.4673	(.1840)	NOV-1
2	4.0333	(1.5879)	48112903	2.8108	(1.1066)	.4578	(.1802)	2.7609	(1.0870)	.4046	(.1593)	2
DEC-1	3.4171	(1.3453)	67121200	2.7762	(1.0930)	.3799	(.1496)	2.7323	(1.0757)	.3813	(.1501)	DEC-1
2	3.1552	(1.2422)	72122200	2.6257	(1.0337)	.3658	(.1440)	2.5937	(1.0211)	.2797	(.1101)	2
				SURFACE TO 850MB								
JAN-1	2.0348	(.8011)	47010403	1.5942	(.6277)	.2588	(.1019)	1.5855	(.6242)	.2859	(.1125)	JAN-1
2	2.0236	(.7967)	57012303	1.5753	(.6202)	.2813	(.1108)	1.5697	(.6180)	.2327	(.0916)	2
FEB-1	2.0005	(.7876)	49020915	1.5461	(.6087)	.1937	(.0763)	1.5497	(.6101)	.2713	(.1068)	FEB-1
2	2.0244	(.7970)	71022300	1.5247	(.6003)	.2992	(.1178)	1.5055	(.5927)	.2807	(.1105)	2
MAR-1	2.0274	(.7982)	54031403	1.6664	(.6561)	.2300	(.0906)	1.6406	(.6459)	.2439	(.0960)	MAR-1
2	2.0917	(.8235)	48032003	1.6894	(.6651)	.2279	(.0897)	1.6732	(.6587)	.2622	(.1032)	2
APR-1	2.3406	(.9215)	47041415	1.7480	(.6882)	.2073	(.0816)	1.7768	(.6995)	.2557	(.1007)	APR-1
2	2.2390	(.8815)	53043015	1.8558	(.7306)	.1399	(.0551)	1.8858	(.7424)	.1665	(.0655)	2
MAY-1	2.3165	(.9120)	50050715	2.0238	(.7968)	.1515	(.0597)	2.0122	(.7922)	.1802	(.0710)	MAY-1
2	2.7668	(1.0893)	53052503	2.1452	(.8446)	.1952	(.0769)	2.1390	(.8421)	.1900	(.0748)	2
JUN-1	2.6894	(1.0588)	58061500	2.3278	(.9165)	.1905	(.0750)	2.2757	(.8959)	.1760	(.0693)	JUN-1
2	2.8280	(1.1134)	49062615	2.5271	(.9949)	.1393	(.0548)	2.4599	(.9685)	.1604	(.0632)	2
JUL-1	2.7843	(1.0962)	52070103	2.5383	(.9993)	.1194	(.0470)	2.5150	(.9901)	.0832	(.0328)	JUL-1
2	2.9075	(1.1447)	66071600	2.6165	(1.0301)	.1352	(.0532)	2.5450	(1.0020)	.1617	(.0636)	2
AUG-1	2.8374	(1.1171)	47081203	2.6109	(1.0279)	.1181	(.0465)	2.5641	(1.0095)	.1012	(.0399)	AUG-1
2	2.9180	(1.1488)	61082612	2.5871	(1.0185)	.1410	(.0555)	2.5516	(1.0046)	.1168	(.0460)	2
SEP-1	2.8095	(1.1061)	50090715	2.4934	(.9817)	.1297	(.0511)	2.4984	(.9836)	.1458	(.0574)	SEP-1
2	2.8788	(1.1334)	72091800	2.3989	(.9444)	.1791	(.0705)	2.4081	(.9481)	.1754	(.0691)	2
OCT-1	2.5982	(1.0229)	54100315	2.2183	(.8734)	.1981	(.0780)	2.1895	(.8620)	.2513	(.0989)	OCT-1
2	2.3691	(.9327)	68101900	1.9760	(.7780)	.2596	(.1022)	1.9639	(.7732)	.2518	(.0991)	2
NOV-1	2.6005	(1.0238)	72110412	1.8196	(.7164)	.2582	(.1016)	1.8673	(.7352)	.2780	(.1094)	NOV-1
2	2.3856	(.9392)	48112903	1.7774	(.6998)	.2479	(.0976)	1.7775	(.6998)	.2200	(.0866)	2
DEC-1	2.2499	(.8858)	56121515	1.7491	(.6886)	.2292	(.0902)	1.7147	(.6751)	.2584	(.1017)	DEC-1
2	2.0226	(.7963)	51122115	1.6756	(.6597)	.2443	(.0962)	1.6428	(.6468)	.1877	(.0739)	2

CHINA LAKE, CAL. 15 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.0780	(.8181)	53010915	GAPS AND SHORT RECORD				1.0540	(.4150)	.4096	(.1613)	JAN-1
2	1.9279	(.7590)	56012515					1.1424	(.4497)	.5356	(.2109)	2
FEB-1	2.1839	(.8598)	50020615					1.0093	(.3974)	.4656	(.1833)	FEB-1
2	1.2362	(.4867)	56022315					.8644	(.3403)	.2412	(.0950)	2
MAR-1	2.5362	(.9985)	54030915					1.0586	(.4168)	.5958	(.2346)	MAR-1
2	1.8433	(.7257)	67031612					1.1110	(.4374)	.3837	(.1511)	2
APR-1	1.5712	(.6186)	49040615					1.0689	(.4208)	.3368	(.1326)	APR-1
2	1.7602	(.6930)	51042015					1.1418	(.4495)	.4693	(.1848)	2
MAY-1	1.5822	(.6229)	66051012					1.0544	(.4151)	.3744	(.1474)	MAY-1
2	1.9497	(.7676)	65051912					1.2714	(.5005)	.4739	(.1866)	2
JUN-1	2.3147	(.9113)	49060615					1.3906	(.5475)	.4492	(.1768)	JUN-1
2	2.6297	(1.0353)	49062215					1.6131	(.6351)	.4670	(.1839)	2
JUL-1	3.4656	(1.3644)	54071315					2.5059	(.9866)	1.0105	(.3978)	JUL-1
2	3.9205	(1.5435)	68072912					2.3287	(.9168)	1.0115	(.3982)	2
AUG-1	3.7442	(1.4741)	68080712					2.8932	(1.1391)	.6932	(.2729)	AUG-1
2	2.9299	(1.1535)	55082215					2.1168	(.8334)	.6792	(.2674)	2
SEP-1	2.8768	(1.1326)	67090112					1.5038	(.5920)	.7559	(.2976)	SEP-1
2	2.3683	(.9324)	66093012					1.3282	(.5229)	.5917	(.2330)	2
OCT-1	2.1999	(.8661)	51101003					.9966	(.3923)	.4704	(.1852)	OCT-1
2	1.8585	(.7317)	51101603					.9903	(.3899)	.4697	(.1849)	2
NOV-1	1.5852	(.6241)	49111015					.9914	(.3903)	.3824	(.1505)	NOV-1
2	1.3904	(.5474)	48112315					.9756	(.3841)	.3877	(.1526)	2
DEC-1	1.7081	(.6725)	49120815					1.1140	(.4386)	.3555	(.1399)	DEC-1
2	1.5461	(.6087)	55122115					.9176	(.3612)	.3101	(.1221)	2
				SURFACE TO 700MB								
JAN-1	1.5141	(.5961)	53010915	GAPS AND SHORT RECORD				.7368	(.2901)	.3017	(.1188)	JAN-1
2	1.2027	(.4735)	50011715					.7491	(.2949)	.3630	(.1429)	2
FEB-1	1.4839	(.5842)	50020615					.6921	(.2725)	.3118	(.1228)	FEB-1
2	1.0008	(.3940)	56022315					.6252	(.2461)	.1988	(.0783)	2
MAR-1	1.5560	(.6126)	54030915					.7409	(.2917)	.3626	(.1427)	MAR-1
2	1.3599	(.5354)	67031612					.8003	(.3151)	.2517	(.0991)	2
APR-1	1.0805	(.4254)	49041515					.7619	(.2999)	.2310	(.0910)	APR-1
2	1.3284	(.5230)	56042512					.8393	(.3304)	.3659	(.1440)	2
MAY-1	1.0749	(.4232)	66050912					.8265	(.3254)	.2309	(.0909)	MAY-1
2	1.3518	(.5322)	65051912					.9750	(.3839)	.3337	(.1314)	2
JUN-1	1.5758	(.6204)	49060615					1.0024	(.3947)	.3182	(.1253)	JUN-1
2	1.5151	(.5965)	49062215					1.0928	(.4302)	.2577	(.1015)	2
JUL-1	2.4346	(.9585)	68070912					1.6260	(.6402)	.6307	(.2483)	JUL-1
2	2.7859	(1.0968)	68072912					1.6380	(.6449)	.6958	(.2740)	2
AUG-1	2.4163	(.9513)	58080712					1.8672	(.7351)	.4921	(.1937)	AUG-1
2	1.7755	(.6990)	67082512					1.4722	(.5796)	.4298	(.1692)	2
SEP-1	1.9065	(.7506)	67090112					1.0297	(.4054)	.5181	(.2040)	SEP-1
2	1.6746	(.6593)	66093012					.9438	(.3716)	.4432	(.1745)	2
OCT-1	1.1938	(.4700)	67100312					.7121	(.2804)	.3640	(.1433)	OCT-1
2	1.2007	(.4727)	51101603					.6517	(.2566)	.3094	(.1218)	2
NOV-1	1.1580	(.4559)	49111015					.7052	(.2776)	.3033	(.1194)	NOV-1
2	1.0325	(.4065)	55112115					.6984	(.2750)	.2681	(.1056)	2
DEC-1	1.3838	(.5448)	55120615					.7916	(.3117)	.3112	(.1225)	DEC-1
2	1.3619	(.5362)	51122815					.7423	(.2923)	.2953	(.1162)	2
				SURFACE TO 850MB								
JAN-1	.7028	(.2767)	53010915	GAPS AND SHORT RECORD				.3222	(.1268)	.1398	(.0550)	JAN-1
2	.4785	(.1884)	50011915					.3061	(.1205)	.1313	(.0517)	2
FEB-1	.6528	(.2570)	50020615					.3114	(.1226)	.1438	(.0566)	FEB-1
2	.4097	(.1613)	56022315					.2823	(.1111)	.0865	(.0341)	2
MAR-1	.5748	(.2263)	54030915					.3300	(.1299)	.1386	(.0546)	MAR-1
2	.5547	(.2184)	67031612					.3650	(.1437)	.0829	(.0326)	2
APR-1	.4961	(.1953)	49041515					.3303	(.1300)	.1085	(.0427)	APR-1
2	.5159	(.2031)	49041815					.3736	(.1471)	.1375	(.0541)	2
MAY-1	.4735	(.1864)	66050912					.3459	(.1362)	.1003	(.0395)	MAY-1
2	.5883	(.2316)	65051912					.4282	(.1686)	.1387	(.0546)	2
JUN-1	.6563	(.2584)	49060615					.4252	(.1674)	.1412	(.0556)	JUN-1
2	.5390	(.2122)	58061712					.4493	(.1769)	.0773	(.0304)	2
JUL-1	1.0678	(.4204)	68070912					.7238	(.2850)	.2766	(.1089)	JUL-1
2	1.2710	(.5004)	68072912					.7079	(.2787)	.3251	(.1280)	2
AUG-1	1.0462	(.4119)	68080812					.7554	(.2974)	.2376	(.0935)	AUG-1
2	.8374	(.3297)	67082512					.6643	(.2615)	.2560	(.1008)	2
SEP-1	.7201	(.2835)	67090112					.4725	(.1860)	.1949	(.0767)	SEP-1
2	.6942	(.2733)	66093012					.3867	(.1522)	.1706	(.0672)	2
OCT-1	.4453	(.1753)	51101003					.2814	(.1108)	.1328	(.0523)	OCT-1
2	.4676	(.1841)	55101915					.2876	(.1132)	.1203	(.0474)	2
NOV-1	.5156	(.2030)	48110215					.3130	(.1232)	.1354	(.0533)	NOV-1
2	.5377	(.2117)	65112012					.3420	(.1346)	.1396	(.0550)	2
DEC-1	.4940	(.1945)	49120915					.3517	(.1385)	.1166	(.0459)	DEC-1
2	.5364	(.2112)	51122715					.3574	(.1407)	.1270	(.0500)	2

COCO BEACH, FLA. 21 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.7056	(1.8526)	64010712	3.4812	(1.3705)	.6051	(.2382)	3.5100	(1.3819)	.5571	(.2193)	JAN-1
2	4.5301	(1.7835)	54012015	3.5220	(1.3866)	.5703	(.2245)	3.5116	(1.3825)	.5132	(.2021)	2
FEB-1	4.5634	(1.7966)	59020512	3.5194	(1.3856)	.5111	(.2012)	3.3504	(1.3191)	.7092	(.2792)	FEB-1
2	4.7216	(1.8589)	70021700	3.5097	(1.3818)	.6369	(.2507)	3.4588	(1.3617)	.7080	(.2787)	2
MAR-1	4.7876	(1.8849)	52031503	3.7812	(1.4887)	.5641	(.2221)	3.5958	(1.4157)	.5843	(.2301)	MAR-1
2	4.6243	(1.8206)	65032900	3.7300	(1.4685)	.4696	(.1849)	3.5872	(1.4123)	.7856	(.3093)	2
APR-1	4.9342	(1.9426)	70040300	3.8784	(1.5269)	.6151	(.2421)	3.5965	(1.4159)	.6299	(.2480)	APR-1
2	4.7142	(1.8560)	59042000	3.9828	(1.5680)	.4768	(.1877)	3.6246	(1.4270)	.6587	(.2593)	2
MAY-1	5.0508	(1.9885)	54051303	4.1469	(1.6327)	.5141	(.2024)	3.8508	(1.5160)	.5008	(.1972)	MAY-1
2	5.4981	(2.1646)	54052715	4.5879	(1.8063)	.5015	(.1974)	4.3974	(1.7313)	.4973	(.1958)	2
JUN-1	6.0759	(2.3921)	57060900	5.0749	(1.9980)	.4740	(.1866)	4.9181	(1.9363)	.4727	(.1861)	JUN-1
2	5.8115	(2.2880)	58062200	5.2141	(2.0528)	.3316	(.1306)	5.1325	(2.0207)	.3266	(.1286)	2
JUL-1	6.0609	(2.3862)	69071200	5.2040	(2.0488)	.3448	(.1358)	5.0966	(2.0065)	.3650	(.1437)	JUL-1
2	6.0970	(2.4004)	58072800	5.3268	(2.0972)	.4439	(.1748)	5.1103	(2.0119)	.3544	(.1395)	2
AUG-1	6.1996	(2.4408)	53080803	5.4335	(2.1392)	.3239	(.1275)	5.3041	(2.0882)	.3759	(.1480)	AUG-1
2	6.1973	(2.4399)	66082212	5.4586	(2.1490)	.3572	(.1406)	5.3145	(2.0923)	.4401	(.1733)	2
SEP-1	6.0902	(2.3977)	64091012	5.3776	(2.1172)	.3080	(.1212)	5.3051	(2.0886)	.4039	(.1590)	SEP-1
2	6.4816	(2.5518)	53092703	5.5582	(2.1883)	.3944	(.1553)	5.3613	(2.1107)	.4684	(.1844)	2
OCT-1	6.0119	(2.3669)	69100300	5.2876	(2.0817)	.5041	(.1985)	5.1323	(2.0206)	.4790	(.1886)	OCT-1
2	5.7612	(2.2682)	68101912	4.6881	(1.8457)	.6131	(.2414)	4.5949	(1.8090)	.6786	(.2672)	2
NOV-1	5.3246	(2.0963)	58110612	4.3038	(1.6944)	.5826	(.2294)	4.0867	(1.6089)	.5525	(.2175)	NOV-1
2	4.8377	(1.9046)	53112303	3.8383	(1.5111)	.5990	(.2358)	3.7115	(1.4612)	.7726	(.3042)	2
DEC-1	4.9677	(1.9558)	50120715	3.8229	(1.5051)	.6259	(.2464)	3.5848	(1.4114)	.7451	(.2934)	DEC-1
2	4.6225	(1.8199)	53122503	3.6098	(1.4212)	.6276	(.2471)	3.4613	(1.3627)	.5397	(.2125)	2
				SURFACE TO 700MB								
JAN-1	3.5143	(1.3836)	64010712	2.8323	(1.1151)	.4367	(.1719)	2.7530	(1.0838)	.3988	(.1570)	JAN-1
2	3.6551	(1.4390)	54012015	2.9161	(1.1481)	.3877	(.1526)	2.8271	(1.1130)	.3246	(.1278)	2
FEB-1	3.3576	(1.3219)	57020103	2.8485	(1.1215)	.3227	(.1271)	2.7532	(1.0839)	.4014	(.1580)	FEB-1
2	3.5898	(1.4133)	70021700	2.8889	(1.1374)	.4573	(.1800)	2.8303	(1.1143)	.3493	(.1375)	2
MAR-1	3.6655	(1.4431)	54031403	3.0872	(1.2154)	.4018	(.1582)	2.9848	(1.1751)	.3512	(.1383)	MAR-1
2	4.0226	(1.5837)	70033100	3.1278	(1.2314)	.3759	(.1480)	3.0249	(1.1909)	.3684	(.1450)	2
APR-1	4.2560	(1.6756)	70040300	3.1876	(1.2550)	.4087	(.1609)	2.9848	(1.1751)	.4863	(.1915)	APR-1
2	3.8179	(1.5031)	69041912	3.2228	(1.2688)	.3804	(.1497)	3.0691	(1.2083)	.3962	(.1560)	2
MAY-1	3.8611	(1.5201)	66050912	3.3305	(1.3112)	.3119	(.1228)	3.2564	(1.2821)	.3002	(.1182)	MAY-1
2	4.1600	(1.6378)	52052103	3.6146	(1.4231)	.3541	(.1394)	3.5470	(1.3965)	.3235	(.1274)	2
JUN-1	4.3909	(1.7287)	57060900	3.8540	(1.5173)	.2566	(.1010)	3.7798	(1.4881)	.2931	(.1154)	JUN-1
2	4.5499	(1.7913)	53061903	4.0296	(1.5865)	.2360	(.0929)	3.9351	(1.5493)	.2312	(.0910)	2
JUL-1	5.0137	(1.9739)	69071200	4.0400	(1.5906)	.2695	(.1061)	3.9088	(1.5389)	.2105	(.0829)	JUL-1
2	4.5753	(1.8013)	58072800	4.0893	(1.6100)	.2767	(.1089)	4.0121	(1.5796)	.2461	(.0969)	2
AUG-1	4.6645	(1.8364)	51081015	4.1368	(1.6287)	.2170	(.0854)	4.0961	(1.6127)	.2540	(.1000)	AUG-1
2	4.7871	(1.8847)	53082103	4.1621	(1.6386)	.2804	(.1104)	4.1092	(1.6178)	.2693	(.1060)	2
SEP-1	4.7145	(1.8561)	55090615	4.1340	(1.6276)	.2126	(.0837)	4.1413	(1.6304)	.2396	(.0943)	SEP-1
2	4.8517	(1.9101)	51091715	4.1335	(1.6274)	.2329	(.0917)	4.1647	(1.6397)	.2770	(.1091)	2
OCT-1	4.6131	(1.8162)	57100100	4.0233	(1.5840)	.3276	(.1290)	3.8733	(1.5249)	.2799	(.1102)	OCT-1
2	4.2911	(1.6894)	59102112	3.6258	(1.4275)	.3708	(.1460)	3.5663	(1.4041)	.4038	(.1590)	2
NOV-1	4.0272	(1.5855)	58110612	3.3663	(1.3253)	.2694	(.1061)	3.2551	(1.2815)	.3507	(.1381)	NOV-1
2	4.0480	(1.5937)	58112912	3.1907	(1.2562)	.3810	(.1500)	3.1023	(1.2214)	.4794	(.1887)	2
DEC-1	3.8440	(1.5134)	53120415	3.0659	(1.2070)	.3622	(.1426)	2.9668	(1.1680)	.5193	(.2045)	DEC-1
2	3.6599	(1.4409)	56121703	2.9660	(1.1677)	.4618	(.1818)	2.8992	(1.1414)	.4148	(.1633)	2
				SURFACE TO 850MB								
JAN-1	2.2502	(.8859)	60010700	1.9014	(.7486)	.2546	(.1002)	1.8167	(.7153)	.1963	(.0773)	JAN-1
2	2.2715	(.8943)	54012015	1.9040	(.7496)	.2337	(.0920)	1.8691	(.7359)	.1816	(.0715)	2
FEB-1	2.2106	(.8703)	57020103	1.8224	(.7175)	.2112	(.0831)	1.8126	(.7136)	.2231	(.0878)	FEB-1
2	2.3213	(.9139)	53022503	1.8737	(.7377)	.2958	(.1164)	1.8313	(.7210)	.2034	(.0801)	2
MAR-1	2.4684	(.9718)	54031403	2.0169	(.7941)	.2104	(.0828)	1.9836	(.7809)	.1760	(.0693)	MAR-1
2	2.4300	(.9567)	70033100	2.0175	(.7943)	.2487	(.0979)	1.9660	(.7740)	.2403	(.0946)	2
APR-1	2.5641	(1.0095)	70040300	2.0876	(.8219)	.2154	(.0848)	2.0281	(.7985)	.2373	(.0934)	APR-1
2	2.4541	(.9662)	53043003	2.1026	(.8278)	.1620	(.0638)	2.0406	(.8034)	.1695	(.0667)	2
MAY-1	2.6660	(1.0496)	53050303	2.1535	(.8478)	.2012	(.0792)	2.1750	(.8563)	.1642	(.0646)	MAY-1
2	2.6413	(1.0399)	69052000	2.3137	(.9109)	.2015	(.0793)	2.3136	(.9108)	.1654	(.0651)	2
JUN-1	2.7734	(1.0919)	57061000	2.4395	(.9604)	.1485	(.0585)	2.4242	(.9544)	.1504	(.0592)	JUN-1
2	2.9347	(1.1554)	52062515	2.5517	(1.0046)	.1561	(.0615)	2.5456	(1.0022)	.1498	(.0590)	2
JUL-1	2.8923	(1.1387)	69071200	2.5718	(1.0125)	.1219	(.0480)	2.5320	(.9969)	.1182	(.0465)	JUL-1
2	2.8562	(1.1245)	57072500	2.6181	(1.0307)	.1482	(.0584)	2.6050	(1.0256)	.1268	(.0499)	2
AUG-1	3.0800	(1.2126)	51081015	2.6366	(1.0380)	.1502	(.0591)	2.6594	(1.0470)	.1687	(.0664)	AUG-1
2	2.9274	(1.1525)	55081915	2.6498	(1.0432)	.1233	(.0486)	2.6641	(1.0489)	.1398	(.0550)	2
SEP-1	2.9817	(1.1739)	52091415	2.6226	(1.0325)	.1315	(.0518)	2.6472	(1.0422)	.1390	(.0547)	SEP-1
2	3.0836	(1.2140)	51091715	2.5949	(1.0216)	.1174	(.0462)	2.6121	(1.0284)	.1506	(.0593)	2
OCT-1	2.7683	(1.0899)	52101503	2.5243	(.9938)	.1668	(.0657)	2.4644	(.9702)	.1650	(.0650)	OCT-1
2	2.6274	(1.0344)	69102300	2.2889	(.9012)	.2098	(.0826)	2.2705	(.8939)	.2196	(.0864)	2
NOV-1	2.4493	(.9643)	58110612	2.1369	(.8413)	.1357	(.0534)	2.0757	(.8172)	.1840	(.0724)	NOV-1
2	2.5491	(1.0036)	58112912	2.0899	(.8228)	.2147	(.0845)	2.0887	(.8223)	.2091	(.0823)	2
DEC-1	2.4260	(.9551)	53121315	2.0066	(.7900)	.1798	(.0708)	1.9303	(.7599)	.2637	(.1038)	DEC-1
2	2.4082	(.9481)	56121703	1.9618	(.7724)	.2865	(.1128)	1.9176	(.7549)	.2615	(.1030)	2

COLUMBIA, MO. 25 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.6058	(1.4196)	55019912	1.9592	(.7713)	.5696	(.2243)	2.0462	(.8056)	.7057	(.2778)	JAN-1
2	2.9924	(1.1781)	49019912	1.8375	(.7234)	.5629	(.2216)	1.8849	(.7421)	.6493	(.2556)	2
FEB-1	3.1913	(1.2564)	49029900	1.9957	(.7857)	.5238	(.2062)	1.9632	(.7729)	.4707	(.1853)	FEB-1
2	2.8595	(1.1258)	61029912	1.8506	(.7286)	.6080	(.2394)	1.8161	(.7150)	.5364	(.2112)	2
MAR-1	2.9832	(1.1745)	57039912	2.0528	(.8082)	.4443	(.1749)	2.0488	(.8066)	.4540	(.1787)	MAR-1
2	3.3569	(1.3216)	67032612	2.3671	(.9319)	.4395	(.1730)	2.4011	(.9453)	.5051	(.1988)	2
APR-1	4.1001	(1.6142)	47040503	2.6010	(1.0240)	.6024	(.2372)	2.5641	(1.0095)	.4564	(.1797)	APR-1
2	4.0076	(1.5778)	68042000	3.2024	(1.2608)	.4460	(.1756)	3.1671	(1.2469)	.2521	(.0992)	2
MAY-1	4.0229	(1.5838)	69050612	3.1914	(1.2564)	.4278	(.1684)	3.3146	(1.3050)	.4529	(.1783)	MAY-1
2	4.1615	(1.6384)	56059912	3.6577	(1.4400)	.3375	(.1329)	3.5999	(1.4173)	.2991	(.1177)	2
JUN-1	5.3236	(2.0959)	57069912	4.1646	(1.6396)	.4276	(.1684)	4.0655	(1.6006)	.4126	(.1624)	JUN-1
2	5.3221	(2.0953)	60069912	4.2785	(1.6845)	.4537	(.1786)	4.3812	(1.7249)	.3739	(.1472)	2
JUL-1	5.7518	(2.2645)	60079900	4.5373	(1.7864)	.5530	(.2177)	4.6509	(1.8311)	.4479	(.1764)	JUL-1
2	5.7295	(2.2557)	68072612	4.9253	(1.9391)	.4446	(.1750)	4.8702	(1.9174)	.4273	(.1682)	2
AUG-1	6.1333	(2.4147)	66080200	4.8543	(1.9112)	.6538	(.2574)	4.8414	(1.9061)	.4933	(.1942)	AUG-1
2	5.5169	(2.1720)	69082100	4.6725	(1.8396)	.4523	(.1781)	4.4570	(1.7547)	.4440	(.1748)	2
SEP-1	4.9164	(1.9356)	61099900	4.1258	(1.6243)	.4782	(.1883)	4.0580	(1.5976)	.4818	(.1897)	SEP-1
2	5.3431	(2.1036)	58099900	3.9776	(1.5660)	.7013	(.2761)	3.8441	(1.5134)	.6728	(.2649)	2
OCT-1	5.0632	(1.9934)	54109912	3.4080	(1.3417)	.7618	(.2999)	3.5577	(1.4007)	.7572	(.2981)	OCT-1
2	4.1260	(1.6244)	49109900	2.9908	(1.1775)	.6376	(.2510)	2.8612	(1.1264)	.6767	(.2664)	2
NOV-1	3.7343	(1.4702)	64119912	2.6062	(1.0261)	.5283	(.2080)	2.6447	(1.0412)	.5632	(.2217)	NOV-1
2	4.0089	(1.5783)	64119900	2.3731	(.9343)	.6582	(.2591)	2.3686	(.9325)	.5389	(.2121)	2
DEC-1	4.0980	(1.6134)	48129900	2.3302	(.9174)	.6569	(.2586)	2.2733	(.8950)	.5159	(.2031)	DEC-1
2	2.8791	(1.1335)	49129900	1.9622	(.7725)	.5189	(.2043)	2.0609	(.8114)	.5053	(.1989)	2
				SURFACE TO 700MB								
JAN-1	2.6591	(1.0469)	55019912	1.4823	(.5836)	.4785	(.1884)	1.5122	(.5954)	.5508	(.2169)	JAN-1
2	2.2812	(.8981)	67012412	1.3827	(.5444)	.4675	(.1841)	1.4112	(.5556)	.5607	(.2208)	2
FEB-1	2.4351	(.9587)	57029900	1.5112	(.5950)	.3916	(.1542)	1.4849	(.5846)	.4087	(.1609)	FEB-1
2	2.3795	(.9368)	48029912	1.4099	(.5551)	.4522	(.1780)	1.4279	(.5621)	.4493	(.1769)	2
MAR-1	2.1847	(.8601)	55039912	1.6049	(.6318)	.3848	(.1515)	1.5660	(.6166)	.3607	(.1420)	MAR-1
2	2.6942	(1.0607)	54039900	1.8260	(.7189)	.3684	(.1451)	1.8488	(.7279)	.3655	(.1439)	2
APR-1	3.0737	(1.2101)	47040503	2.0112	(.7918)	.4772	(.1879)	1.9178	(.7551)	.3651	(.1438)	APR-1
2	2.9131	(1.1469)	64049912	2.4275	(.9557)	.2617	(.1030)	2.4458	(.9629)	.2368	(.0932)	2
MAY-1	3.1854	(1.2541)	70051500	2.4836	(.9778)	.3126	(.1231)	2.6006	(1.0239)	.3643	(.1434)	MAY-1
2	3.2509	(1.2799)	65052512	2.8496	(1.1219)	.2187	(.0861)	2.8075	(1.1053)	.2295	(.0904)	2
JUN-1	3.9370	(1.5500)	53069900	3.2687	(1.2869)	.3472	(.1367)	3.1483	(1.2395)	.3476	(.1368)	JUN-1
2	4.1780	(1.6449)	52069900	3.4152	(1.3446)	.3036	(.1195)	3.3500	(1.3189)	.2485	(.0978)	2
JUL-1	4.0610	(1.5988)	57079900	3.5066	(1.3805)	.3281	(.1292)	3.3841	(1.3323)	.2383	(.0938)	JUL-1
2	4.3635	(1.7179)	49079900	3.6587	(1.4405)	.3280	(.1291)	3.5851	(1.4114)	.2569	(.1011)	2
AUG-1	4.3269	(1.7035)	66080200	3.6088	(1.4208)	.3881	(.1528)	3.6038	(1.4188)	.2751	(.1083)	AUG-1
2	3.9233	(1.5446)	51089900	3.4921	(1.3748)	.3280	(.1291)	3.3808	(1.3310)	.2909	(.1145)	2
SEP-1	3.6020	(1.4181)	62099912	3.1034	(1.2218)	.2786	(.1097)	3.0892	(1.2162)	.2998	(.1180)	SEP-1
2	3.8128	(1.5011)	58099912	3.0116	(1.1857)	.4932	(.1942)	2.9339	(1.1551)	.4811	(.1894)	2
OCT-1	3.6901	(1.4528)	54109912	2.5714	(1.0124)	.5621	(.2213)	2.6680	(1.0504)	.5341	(.2103)	OCT-1
2	3.1339	(1.2338)	49109900	2.2470	(.8846)	.4757	(.1873)	2.2299	(.8779)	.4955	(.1951)	2
NOV-1	2.7892	(1.0981)	64119912	1.9797	(.7794)	.3504	(.1379)	2.0531	(.8083)	.4453	(.1753)	NOV-1
2	2.9693	(1.1690)	64119900	1.8690	(.7358)	.4760	(.1874)	1.8678	(.7353)	.4428	(.1743)	2
DEC-1	2.8771	(1.1327)	48129900	1.7323	(.6820)	.4864	(.1915)	1.7160	(.6756)	.4504	(.1773)	DEC-1
2	2.3376	(.9203)	49129912	1.4755	(.5809)	.4205	(.1655)	1.5182	(.5977)	.4168	(.1641)	2
				SURFACE TO 850MB								
JAN-1	1.4079	(.5543)	55019912	.7990	(.3146)	.2827	(.1113)	.8184	(.3222)	.3117	(.1227)	JAN-1
2	1.2769	(.5027)	67012412	.7420	(.2921)	.2710	(.1067)	.8015	(.3156)	.3257	(.1282)	2
FEB-1	1.3355	(.5258)	57029900	.8384	(.3301)	.2237	(.0881)	.8183	(.3222)	.2153	(.0848)	FEB-1
2	1.2309	(.4846)	48029912	.7469	(.2941)	.2272	(.0895)	.7744	(.3049)	.2468	(.0972)	2
MAR-1	1.2565	(.4947)	61039912	.8370	(.3295)	.2203	(.0867)	.8721	(.3434)	.2343	(.0922)	MAR-1
2	1.4224	(.5600)	54039900	.9457	(.3723)	.2404	(.0947)	1.0034	(.3950)	.2069	(.0814)	2
APR-1	1.5684	(.6175)	56049900	1.1008	(.4334)	.2638	(.1039)	1.0726	(.4223)	.2581	(.1016)	APR-1
2	1.6459	(.6480)	70042912	1.3367	(.5263)	.1265	(.0498)	1.3872	(.5462)	.1462	(.0575)	2
MAY-1	1.7849	(.7027)	49059912	1.4445	(.5687)	.1947	(.0767)	1.4986	(.5900)	.2170	(.0854)	MAY-1
2	2.1829	(.8594)	53059900	1.6873	(.6643)	.1766	(.0695)	1.6302	(.6418)	.1550	(.0610)	2
JUN-1	2.3452	(.9233)	70061400	1.9172	(.7548)	.2309	(.0909)	1.8495	(.7281)	.1958	(.0771)	JUN-1
2	2.4130	(.9500)	49069900	2.0113	(.7918)	.2209	(.0870)	1.9512	(.7682)	.1484	(.0584)	2
JUL-1	2.5728	(1.0129)	57079900	2.0796	(.8187)	.2112	(.0832)	2.0009	(.7878)	.1645	(.0648)	JUL-1
2	2.5844	(1.0175)	49079900	2.1180	(.8339)	.1812	(.0714)	2.0388	(.8027)	.1238	(.0487)	2
AUG-1	2.3320	(.9181)	66080200	2.0740	(.8165)	.1640	(.0645)	2.0649	(.8129)	.1397	(.0550)	AUG-1
2	2.3744	(.9348)	46081803	2.0095	(.7911)	.2004	(.0789)	1.9637	(.7731)	.1546	(.0609)	2
SEP-1	2.0909	(.8232)	61099900	1.7831	(.7020)	.1933	(.0761)	1.8066	(.7112)	.1610	(.0634)	SEP-1
2	2.0856	(.8211)	50099900	1.6731	(.6587)	.2867	(.1129)	1.6901	(.6654)	.2683	(.1056)	2
OCT-1	2.0307	(.7995)	54109912	1.5035	(.5919)	.3265	(.1285)	1.5209	(.5988)	.3060	(.1205)	OCT-1
2	1.7841	(.7024)	49109912	1.3098	(.5157)	.2623	(.1033)	1.2944	(.5096)	.2566	(.1010)	2
NOV-1	1.5903	(.6261)	64119912	1.1349	(.4468)	.1756	(.0691)	1.1734	(.4619)	.2106	(.0829)	NOV-1
2	1.7102	(.6733)	64119900	1.0415	(.4100)	.2686	(.1057)	1.0602	(.4174)	.2676	(.1054)	2
DEC-1	1.5217	(.5991)	48129900	.9529	(.3751)	.2553	(.1005)	.9599	(.3779)	.2689	(.1059)	DEC-1
2	1.3627	(.5365)	67122100	.8173	(.3218)	.2132	(.0839)	.8327	(.3278)	.2220	(.0874)	2

DAYTON, OHIO — 21 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED: MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.1778	(1.2511)	55010403	1.9390	(.7634)	.5863	(.2308)	1.9611	(.7721)	.4877	(.1920)	JAN-1
2	2.9776	(1.1723)	54012703	1.9805	(.7797)	.5599	(.2204)	1.8704	(.7364)	.6146	(.2420)	2
FEB-1	2.7770	(1.0933)	59021012	1.8867	(.7428)	.4139	(.1629)	2.0474	(.8061)	.4222	(.1662)	FEB-1
2	2.8953	(1.1399)	54021615	1.7783	(.7001)	.5939	(.2338)	1.7863	(.7033)	.6233	(.2454)	2
MAR-1	3.2134	(1.2651)	61030600	2.2101	(.8701)	.6404	(.2521)	2.0826	(.8199)	.5955	(.2344)	MAR-1
2	3.3909	(1.3350)	54032503	2.2126	(.8711)	.5263	(.2072)	2.2553	(.8879)	.4385	(.1726)	2
APR-1	3.6243	(1.4269)	52041303	2.6586	(1.0467)	.5072	(.1997)	2.5038	(.9857)	.5145	(.2026)	APR-1
2	3.9228	(1.5444)	57042315	2.9545	(1.1632)	.3787	(.1491)	3.0685	(1.2081)	.4118	(.1621)	2
MAY-1	3.9774	(1.5659)	56051015	3.0902	(1.2166)	.3474	(.1368)	3.3135	(1.3045)	.3664	(.1443)	MAY-1
2	4.3637	(1.7180)	59053000	3.3135	(1.3045)	.5337	(.2101)	3.4295	(1.3502)	.4094	(.1612)	2
JUN-1	4.4468	(1.7507)	61061412	3.8030	(1.4972)	.2984	(.1175)	3.8136	(1.5014)	.3754	(.1478)	JUN-1
2	5.3279	(2.0976)	56062103	3.9442	(1.5528)	.5581	(.2197)	3.8638	(1.5212)	.4910	(.1933)	2
JUL-1	5.4000	(2.1260)	54071503	4.2623	(1.6781)	.4037	(.1590)	4.1917	(1.6503)	.4273	(.1682)	JUL-1
2	5.2484	(2.0663)	54072103	4.4859	(1.7661)	.3627	(.1428)	4.4336	(1.7455)	.3934	(.1549)	2
AUG-1	5.3800	(2.1181)	59080412	4.1634	(1.6391)	.6452	(.2540)	4.3443	(1.7104)	.5800	(.2283)	AUG-1
2	5.3028	(2.0877)	54082703	4.2272	(1.6643)	.4591	(.1808)	4.1184	(1.6214)	.4276	(.1684)	2
SEP-1	5.1981	(2.0465)	65090900	4.1160	(1.6205)	.5091	(.2004)	4.0432	(1.5918)	.4373	(.1722)	SEP-1
2	4.8402	(1.9056)	55092315	3.6242	(1.4269)	.6053	(.2383)	3.8590	(1.5193)	.5754	(.2265)	2
OCT-1	4.9439	(1.9464)	65100100	3.3534	(1.3202)	.7284	(.2868)	3.2284	(1.2710)	.6719	(.2645)	OCT-1
2	4.0495	(1.5943)	71102200	2.8800	(1.1338)	.6321	(.2489)	2.9273	(1.1525)	.5416	(.2132)	2
NOV-1	3.8496	(1.5156)	72110212	2.4945	(.9821)	.4423	(.1741)	2.6657	(1.0495)	.6318	(.2487)	NOV-1
2	3.8499	(1.5157)	61111612	2.5784	(1.0151)	.5100	(.2008)	2.6449	(1.0413)	.5661	(.2229)	2
DEC-1	3.3411	(1.3154)	51120715	2.1775	(.8573)	.4953	(.1950)	2.2310	(.8784)	.5655	(.2226)	DEC-1
2	3.2636	(1.2849)	67122200	2.0652	(.8131)	.5269	(.2074)	2.0337	(.8007)	.5007	(.1971)	2
				SURFACE TO 700MB								
JAN-1	2.2014	(.8667)	55010603	1.3970	(.5500)	.4165	(.1640)	1.3983	(.5505)	.3829	(.1507)	JAN-1
2	2.1333	(.8399)	54012703	1.5407	(.6066)	.4346	(.1711)	1.3883	(.5466)	.4833	(.1903)	2
FEB-1	2.0442	(.8048)	65021000	1.4546	(.5727)	.3457	(.1361)	1.4932	(.5879)	.3370	(.1327)	FEB-1
2	2.0617	(.8117)	54021603	1.3063	(.5143)	.4766	(.1876)	1.3226	(.5207)	.4826	(.1900)	2
MAR-1	2.3061	(.9079)	61030600	1.6923	(.6663)	.5134	(.2021)	1.5990	(.6295)	.4547	(.1790)	MAR-1
2	2.3683	(.9324)	54032503	1.6285	(.6411)	.4018	(.1582)	1.6560	(.6520)	.3037	(.1195)	2
APR-1	2.8448	(1.1200)	72041300	1.9736	(.7770)	.4439	(.1748)	1.8820	(.7410)	.4014	(.1580)	APR-1
2	2.7937	(1.0999)	57042315	2.2434	(.8832)	.2538	(.0999)	2.2444	(.8836)	.3308	(.1302)	2
MAY-1	2.9685	(1.1687)	56051015	2.3937	(.9424)	.2521	(.0992)	2.4431	(.9619)	.2396	(.0943)	MAY-1
2	3.3256	(1.3093)	53053103	2.5633	(1.0092)	.3677	(.1448)	2.5434	(1.0013)	.2693	(.1060)	2
JUN-1	3.4968	(1.3767)	53060815	2.9322	(1.1544)	.2049	(.0807)	2.8850	(1.1358)	.2604	(.1025)	JUN-1
2	3.8125	(1.5010)	56062103	3.1163	(1.2269)	.4394	(.1730)	2.9779	(1.1724)	.3898	(.1535)	2
JUL-1	4.0028	(1.5759)	54071503	3.2442	(1.2773)	.2801	(.1103)	3.1460	(1.2386)	.2326	(.0916)	JUL-1
2	3.9334	(1.5486)	53072215	3.3424	(1.3159)	.2634	(.1037)	3.3524	(1.3198)	.2904	(.1143)	2
AUG-1	3.9576	(1.5581)	53080303	3.2121	(1.2646)	.4686	(.1845)	3.2734	(1.2887)	.3661	(.1441)	AUG-1
2	3.7628	(1.4814)	54082703	3.1861	(1.2544)	.3808	(.1499)	3.1594	(1.2439)	.3454	(.1360)	2
SEP-1	3.6812	(1.4493)	65090900	3.0309	(1.1933)	.3056	(.1203)	2.9518	(1.1621)	.2766	(.1089)	SEP-1
2	3.3602	(1.3229)	58092512	2.7879	(1.0976)	.4079	(.1606)	2.8673	(1.1289)	.3355	(.1321)	2
OCT-1	3.3335	(1.3124)	54100415	2.5396	(.9998)	.4328	(.1704)	2.5028	(.9854)	.4699	(.1850)	OCT-1
2	2.8390	(1.1177)	71102200	2.1041	(.8284)	.4077	(.1605)	2.1562	(.8489)	.4151	(.1634)	2
NOV-1	2.7455	(1.0809)	72110112	1.9271	(.7587)	.3228	(.1271)	2.0144	(.7931)	.4416	(.1739)	NOV-1
2	2.7181	(1.0701)	61111612	1.9462	(.7662)	.3256	(.1282)	1.9437	(.7652)	.4014	(.1580)	2
DEC-1	2.3912	(.9414)	51120715	1.6370	(.6445)	.3754	(.1478)	1.6683	(.6568)	.4190	(.1650)	DEC-1
2	2.4008	(.9452)	67122112	1.5384	(.6057)	.4036	(.1589)	1.5078	(.5936)	.3983	(.1568)	2
				SURFACE TO 850MB								
JAN-1	1.1336	(.4463)	55010515	.7069	(.2783)	.2333	(.0919)	.7127	(.2806)	.2221	(.0874)	JAN-1
2	1.2558	(.4944)	67012412	.8070	(.3177)	.2306	(.0908)	.7442	(.2930)	.2918	(.1149)	2
FEB-1	1.1841	(.4662)	65021000	.7670	(.3020)	.2126	(.0837)	.7461	(.2937)	.2090	(.0823)	FEB-1
2	1.1486	(.4522)	61022300	.6751	(.2658)	.2647	(.1042)	.6772	(.2666)	.2502	(.0985)	2
MAR-1	1.2603	(.4962)	67031312	.8914	(.3510)	.2731	(.1075)	.8365	(.3293)	.2817	(.1109)	MAR-1
2	1.1722	(.4615)	54032515	.8311	(.3272)	.1907	(.0751)	.8656	(.3408)	.1852	(.0729)	2
APR-1	1.4425	(.5679)	56040303	1.0812	(.4257)	.2510	(.0988)	1.0186	(.4010)	.2266	(.0892)	APR-1
2	1.7221	(.6780)	70043012	1.2307	(.4845)	.1757	(.0692)	1.2281	(.4835)	.2428	(.0956)	2
MAY-1	1.6596	(.6534)	54050103	1.3408	(.5279)	.1858	(.0731)	1.3550	(.5335)	.1449	(.0570)	MAY-1
2	1.8479	(.7275)	53053103	1.4385	(.5663)	.2004	(.0789)	1.4419	(.5677)	.1790	(.0705)	2
JUN-1	1.9274	(.7588)	54061203	1.6787	(.6609)	.1422	(.0560)	1.6586	(.6530)	.1315	(.0518)	JUN-1
2	2.1349	(.8405)	56062103	1.7588	(.6924)	.2154	(.0848)	1.7356	(.6833)	.2367	(.0932)	2
JUL-1	2.1196	(.8345)	55071415	1.8207	(.7168)	.1564	(.0616)	1.7965	(.7073)	.1338	(.0527)	JUL-1
2	2.2565	(.8884)	55072715	1.9201	(.7559)	.1852	(.0729)	1.9404	(.7639)	.2018	(.0794)	2
AUG-1	2.2243	(.8757)	56080503	1.8518	(.7291)	.2050	(.0807)	1.8496	(.7282)	.1830	(.0720)	AUG-1
2	2.4572	(.9674)	59081900	1.8503	(.7285)	.2265	(.0892)	1.8113	(.7131)	.1857	(.0731)	2
SEP-1	2.0597	(.8109)	61090312	1.7055	(.6715)	.1744	(.0687)	1.7070	(.6720)	.1764	(.0695)	SEP-1
2	2.0338	(.8007)	58092600	1.5923	(.6269)	.2598	(.1023)	1.6141	(.6355)	.1898	(.0747)	2
OCT-1	1.8542	(.7300)	54100515	1.4022	(.5520)	.2133	(.0840)	1.4092	(.5548)	.2497	(.0983)	OCT-1
2	1.5476	(.6093)	71102200	1.1751	(.4626)	.2088	(.0822)	1.1974	(.4714)	.2198	(.0865)	2
NOV-1	1.5372	(.6052)	55111403	1.0891	(.4288)	.2297	(.0905)	1.1060	(.4356)	.2221	(.0875)	NOV-1
2	1.5174	(.5974)	58111712	1.0590	(.4169)	.2003	(.0788)	1.0199	(.4015)	.2425	(.0955)	2
DEC-1	1.2362	(.4867)	56120715	.8740	(.3441)	.2331	(.0918)	.8595	(.3384)	.2411	(.0949)	DEC-1
2	1.3122	(.5166)	67122112	.8082	(.3182)	.2279	(.0897)	.8102	(.3190)	.2289	(.0901)	2

DEL RIO, TEX. 19 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.6406	(1.4333)	63010412	2.3253	(.9155)	.7326	(.2884)	2.4551	(.9666)	.7520	(.2961)	JAN-1
2	3.7135	(1.4620)	68013100	2.3658	(.9314)	.5911	(.2327)	2.3274	(.9163)	.6076	(.2392)	2
FEB-1	3.5115	(1.3825)	57020515	2.3638	(.9306)	.5040	(.1984)	2.3158	(.9117)	.5187	(.2042)	FEB-1
2	3.3901	(1.3347)	57021615	2.2428	(.8830)	.5073	(.1997)	2.4064	(.9474)	.4606	(.1813)	2
MAR-1	3.7137	(1.4621)	55030603	2.4063	(.9473)	.6382	(.2513)	2.3537	(.9267)	.3784	(.1490)	MAR-1
2	3.6891	(1.4524)	55032003	2.8426	(1.1191)	.4823	(.1899)	2.7761	(1.0930)	.4516	(.1778)	2
APR-1	4.2215	(1.6620)	59040800	3.1229	(1.2295)	.6216	(.2447)	3.0928	(1.2176)	.4493	(.1769)	APR-1
2	4.1956	(1.6518)	54042715	3.5430	(1.3949)	.4008	(.1578)	3.5949	(1.4153)	.4507	(.1774)	2
MAY-1	4.5385	(1.7868)	65051112	3.7295	(1.4683)	.4825	(.1900)	3.9639	(1.5606)	.3203	(.1261)	MAY-1
2	4.7546	(1.8719)	57052515	3.7566	(1.4790)	.5477	(.2156)	3.9191	(1.5429)	.3426	(.1349)	2
JUN-1	5.2545	(2.0687)	58061512	4.1628	(1.6389)	.5231	(.2059)	4.2662	(1.6796)	.4728	(.1861)	JUN-1
2	5.7724	(2.2726)	54062615	4.4395	(1.7478)	.6424	(.2529)	4.6197	(1.8188)	.6225	(.2451)	2
JUL-1	5.4475	(2.1447)	56070303	4.2485	(1.6726)	.6882	(.2710)	4.5339	(1.7850)	.4705	(.1852)	JUL-1
2	5.5441	(2.1827)	60072100	4.4628	(1.7570)	.7403	(.2914)	4.7446	(1.8679)	.5263	(.2072)	2
AUG-1	5.8009	(2.2838)	55081215	4.5060	(1.7740)	.5546	(.2183)	4.6899	(1.8464)	.6348	(.2499)	AUG-1
2	5.8565	(2.3057)	60082500	4.6210	(1.8193)	.5590	(.2201)	4.7873	(1.8848)	.3469	(.1366)	2
SEP-1	5.6424	(2.2214)	58090712	4.5747	(1.8011)	.4416	(.1739)	4.6657	(1.8369)	.4287	(.1688)	SEP-1
2	5.8003	(2.2836)	58092200	4.6107	(1.8152)	.6267	(.2467)	4.6285	(1.8222)	.6591	(.2595)	2
OCT-1	5.8608	(2.3074)	54100103	4.1124	(1.6190)	.7574	(.2982)	4.1445	(1.6317)	.6583	(.2592)	OCT-1
2	4.5311	(1.7839)	60101800	3.5110	(1.3823)	.5903	(.2324)	3.6535	(1.4384)	.6492	(.2556)	2
NOV-1	4.3457	(1.7109)	59110200	2.9316	(1.1542)	.5554	(.2187)	2.8687	(1.1294)	.6389	(.2515)	NOV-1
2	3.8760	(1.5260)	64111612	2.8218	(1.1109)	.5979	(.2354)	2.9067	(1.1444)	.5666	(.2231)	2
DEC-1	3.3226	(1.3081)	57120612	2.5538	(1.0054)	.4011	(.1579)	2.6082	(1.0268)	.5474	(.2155)	DEC-1
2	3.4628	(1.3633)	71121700	2.3432	(.9225)	.4888	(.1924)	2.3347	(.9192)	.3509	(.1381)	2
				SURFACE TO 700MB								
JAN-1	2.5809	(1.0161)	55010315	1.7238	(.6787)	.5180	(.2040)	1.7983	(.7080)	.5106	(.2010)	JAN-1
2	2.6088	(1.0271)	68013100	1.7681	(.6961)	.4234	(.1667)	1.7598	(.6928)	.4192	(.1650)	2
FEB-1	2.7978	(1.1015)	57020515	1.7619	(.6937)	.4148	(.1633)	1.8055	(.7108)	.3961	(.1559)	FEB-1
2	2.5502	(1.0040)	71022512	1.7101	(.6733)	.3317	(.1306)	1.9339	(.7614)	.3637	(.1432)	2
MAR-1	2.9111	(1.1461)	55030603	1.8593	(.7320)	.4692	(.1847)	1.9493	(.7674)	.3371	(.1327)	MAR-1
2	3.0782	(1.2119)	55031615	2.2084	(.8694)	.3442	(.1355)	2.2353	(.8800)	.3620	(.1425)	2
APR-1	3.3680	(1.3260)	54041103	2.4146	(.9506)	.4632	(.1824)	2.4921	(.9812)	.3245	(.1278)	APR-1
2	3.5613	(1.4021)	66042900	2.7813	(1.0950)	.3610	(.1421)	2.9173	(1.1485)	.4307	(.1696)	2
MAY-1	3.4435	(1.3557)	59050512	2.9127	(1.1467)	.3096	(.1219)	3.1484	(1.2395)	.2041	(.0803)	MAY-1
2	4.0775	(1.6053)	57052515	2.9457	(1.1597)	.5055	(.1990)	3.1738	(1.2495)	.3077	(.1211)	2
JUN-1	3.7132	(1.4619)	58061512	3.1812	(1.2524)	.2501	(.0985)	3.4057	(1.3408)	.2107	(.0830)	JUN-1
2	4.0490	(1.5941)	54062703	3.3695	(1.3266)	.3241	(.1276)	3.5041	(1.3796)	.3009	(.1185)	2
JUL-1	4.0574	(1.5974)	66070712	3.2012	(1.2603)	.3611	(.1422)	3.4419	(1.3551)	.2760	(.1087)	JUL-1
2	3.8849	(1.5295)	60072100	3.2606	(1.2837)	.4688	(.1846)	3.4770	(1.3689)	.2720	(.1071)	2
AUG-1	3.9365	(1.5498)	54080215	3.2828	(1.2925)	.3974	(.1565)	3.4471	(1.3571)	.3717	(.1463)	AUG-1
2	4.5253	(1.7816)	60082500	3.3511	(1.3193)	.3844	(.1514)	3.5372	(1.3926)	.2328	(.0916)	2
SEP-1	3.9334	(1.5486)	58090900	3.2485	(1.2790)	.2671	(.1052)	3.4382	(1.3536)	.2143	(.0844)	SEP-1
2	3.9647	(1.5609)	58092200	3.3024	(1.3001)	.4079	(.1606)	3.4722	(1.3670)	.3678	(.1448)	2
OCT-1	4.2431	(1.6705)	54100103	3.0767	(1.2113)	.4821	(.1898)	3.2033	(1.2611)	.3710	(.1461)	OCT-1
2	3.4587	(1.3617)	60101600	2.6732	(1.0524)	.4615	(.1817)	2.7926	(1.0994)	.4578	(.1803)	2
NOV-1	3.3955	(1.3368)	59110200	2.3037	(.9070)	.4270	(.1681)	2.3305	(.9175)	.4383	(.1726)	NOV-1
2	3.0450	(1.1988)	62112512	2.1790	(.8579)	.4666	(.1837)	2.3045	(.9073)	.4119	(.1622)	2
DEC-1	2.6304	(1.0356)	56120615	1.9047	(.7499)	.2985	(.1175)	1.9455	(.7659)	.3509	(.1381)	DEC-1
2	2.5778	(1.0149)	57122400	1.7775	(.6998)	.3063	(.1206)	1.9097	(.7518)	.2960	(.1165)	2
				SURFACE TO 850MB								
JAN-1	1.5370	(.6051)	55010315	.9640	(.3795)	.3170	(.1248)	1.0471	(.4122)	.3368	(.1326)	JAN-1
2	1.5243	(.6001)	68013100	1.0543	(.4151)	.3010	(.1185)	1.0896	(.4290)	.2466	(.0971)	2
FEB-1	1.7008	(.6696)	57020515	1.0616	(.4179)	.2448	(.0964)	1.1065	(.4356)	.2437	(.0959)	FEB-1
2	1.3970	(.5500)	56022215	1.0401	(.4095)	.2239	(.0882)	1.1412	(.4493)	.1800	(.0709)	2
MAR-1	1.5748	(.6200)	55030603	1.0940	(.4307)	.2680	(.1055)	1.2242	(.4820)	.2258	(.0889)	MAR-1
2	1.6906	(.6656)	55031615	1.2725	(.5010)	.1390	(.0547)	1.3812	(.5438)	.1462	(.0576)	2
APR-1	1.9916	(.7841)	54041103	1.4367	(.5656)	.2662	(.1048)	1.4915	(.5872)	.2274	(.0895)	APR-1
2	1.9886	(.7829)	70042912	1.5981	(.6292)	.2043	(.0805)	1.7374	(.6840)	.1825	(.0718)	2
MAY-1	2.0091	(.7910)	68051512	1.7058	(.6716)	.1834	(.0722)	1.8168	(.7153)	.1101	(.0434)	MAY-1
2	2.1257	(.8369)	55052815	1.6932	(.6666)	.2413	(.0950)	1.8814	(.7407)	.1562	(.0615)	2
JUN-1	2.1514	(.8470)	70061412	1.8348	(.7224)	.1673	(.0658)	1.9772	(.7784)	.1182	(.0465)	JUN-1
2	2.3485	(.9246)	57063012	1.8268	(.7192)	.1674	(.0659)	2.0045	(.7892)	.1654	(.0651)	2
JUL-1	2.1910	(.8626)	66070912	1.6929	(.6665)	.2135	(.0841)	1.9520	(.7685)	.1428	(.0562)	JUL-1
2	2.1600	(.8504)	66072012	1.7383	(.6844)	.2536	(.0998)	1.9620	(.7725)	.1114	(.0439)	2
AUG-1	2.2680	(.8929)	63081000	1.7261	(.6796)	.2782	(.1095)	1.9307	(.7601)	.1480	(.0583)	AUG-1
2	2.2746	(.8955)	60082500	1.7823	(.7017)	.1772	(.0698)	1.9958	(.7857)	.1184	(.0466)	2
SEP-1	2.1399	(.8425)	62091212	1.7500	(.6890)	.1533	(.0603)	1.9349	(.7618)	.1155	(.0455)	SEP-1
2	2.1151	(.8327)	58092200	1.7587	(.6924)	.1993	(.0784)	1.9252	(.7579)	.1285	(.0506)	2
OCT-1	2.2410	(.8823)	54100103	1.6850	(.6634)	.2176	(.0857)	1.8322	(.7213)	.1696	(.0668)	OCT-1
2	1.9802	(.7796)	71101912	1.5130	(.5957)	.2413	(.0950)	1.6349	(.6436)	.2174	(.0856)	2
NOV-1	1.8707	(.7365)	59110212	1.3734	(.5407)	.1866	(.0735)	1.4708	(.5790)	.2240	(.0882)	NOV-1
2	1.7948	(.7066)	64111612	1.3024	(.5127)	.2689	(.1059)	1.4104	(.5553)	.2415	(.0951)	2
DEC-1	1.6121	(.6347)	56120815	1.1280	(.4441)	.1954	(.0769)	1.1668	(.4594)	.2121	(.0835)	DEC-1
2	1.5319	(.6031)	71122912	1.1191	(.4406)	.2349	(.0925)	1.1486	(.4522)	.1996	(.0786)	2

DENVER, COL. 24 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.1560	(.4551)	69011412	.7779	(.3062)	.1419	(.0559)	.7541	(.2969)	.1668	(.0657)	JAN-1
2	1.5519	(.6110)	71011812	.8609	(.3389)	.1539	(.0606)	.8580	(.3378)	.2260	(.0890)	2
FEB-1	1.2499	(.4921)	50029900	.8699	(.3425)	.2023	(.0796)	.8422	(.3316)	.1515	(.0597)	FEB-1
2	1.1265	(.4435)	68022100	.7731	(.3044)	.1845	(.0726)	.7890	(.3106)	.1534	(.0604)	2
MAR-1	1.0711	(.4217)	72031500	.8216	(.3235)	.1247	(.0491)	.7987	(.3145)	.1242	(.0489)	MAR-1
2	1.3449	(.5295)	67031812	.9891	(.3894)	.1610	(.0634)	.8737	(.3440)	.1565	(.0616)	2
APR-1	1.4869	(.5854)	69041300	1.1148	(.4389)	.1661	(.0654)	1.0446	(.4113)	.2099	(.0826)	APR-1
2	1.8031	(.7099)	49049912	1.2814	(.5045)	.1921	(.0756)	1.1825	(.4656)	.1836	(.0723)	2
MAY-1	1.9995	(.7872)	58059900	1.5427	(.6073)	.2942	(.1158)	1.4448	(.5688)	.2091	(.0823)	MAY-1
2	2.6617	(1.0479)	67052600	1.8898	(.7440)	.3337	(.1314)	1.7876	(.7038)	.2341	(.0922)	2
JUN-1	2.9334	(1.1549)	49069900	2.1605	(.8506)	.3150	(.1240)	1.9327	(.7609)	.3384	(.1332)	JUN-1
2	2.8644	(1.1277)	59069912	2.4095	(.9486)	.2633	(.1037)	2.1377	(.8416)	.3084	(.1214)	2
JUL-1	3.3970	(1.3374)	67071200	2.7357	(1.0770)	.3419	(.1346)	2.4722	(.9733)	.3574	(.1407)	JUL-1
2	3.6899	(1.4527)	50079900	2.9108	(1.1460)	.3496	(.1376)	2.7278	(1.0739)	.3083	(.1214)	2
AUG-1	3.5888	(1.4129)	63089900	2.8765	(1.1325)	.4707	(.1853)	2.6396	(1.0392)	.3835	(.1510)	AUG-1
2	3.2438	(1.2771)	71082000	2.6883	(1.0584)	.3722	(.1465)	2.4873	(.9793)	.3731	(.1469)	2
SEP-1	2.9881	(1.1764)	71090800	2.2910	(.9020)	.3719	(.1464)	2.0208	(.7956)	.3536	(.1392)	SEP-1
2	2.7404	(1.0789)	63099912	1.9845	(.7813)	.2996	(.1180)	1.7844	(.7025)	.3453	(.1359)	2
OCT-1	2.2626	(.8908)	54109900	1.5910	(.6264)	.3121	(.1229)	1.4126	(.5561)	.2457	(.0967)	OCT-1
2	1.9235	(.7573)	63109912	1.3784	(.5427)	.2566	(.1010)	1.3256	(.5219)	.3097	(.1219)	2
NOV-1	1.4552	(.5729)	54119912	1.0656	(.4195)	.1452	(.0572)	1.0630	(.4185)	.1683	(.0662)	NOV-1
2	1.3421	(.5284)	65111712	1.0002	(.3938)	.1826	(.0719)	.9812	(.3863)	.1981	(.0780)	2
DEC-1	1.2299	(.4842)	66120700	.8906	(.3506)	.1903	(.0749)	.8691	(.3422)	.1972	(.0777)	DEC-1
2	1.3998	(.5511)	64129900	.9060	(.3567)	.1845	(.0726)	.8895	(.3502)	.1684	(.0663)	2
				SURFACE TO 700MB								
JAN-1	.5621	(.2213)	59019912	.3831	(.1508)	.0600	(.0236)	.3669	(.1445)	.0753	(.0296)	JAN-1
2	.7082	(.2788)	71011812	.4107	(.1617)	.0796	(.0314)	.4144	(.1632)	.1079	(.0425)	2
FEB-1	.6386	(.2514)	50029900	.4320	(.1701)	.0838	(.0330)	.4225	(.1663)	.0767	(.0302)	FEB-1
2	.5756	(.2266)	57029900	.4098	(.1613)	.0850	(.0335)	.4068	(.1602)	.0798	(.0314)	2
MAR-1	.5481	(.2158)	49039912	.4189	(.1649)	.0608	(.0239)	.4089	(.1610)	.0605	(.0238)	MAR-1
2	.6929	(.2728)	53039900	.5123	(.2017)	.0721	(.0284)	.4586	(.1805)	.0880	(.0347)	2
APR-1	.7617	(.2999)	69041212	.5726	(.2254)	.0836	(.0329)	.5608	(.2208)	.0911	(.0359)	APR-1
2	.8522	(.3355)	53049900	.6450	(.2539)	.1109	(.0437)	.6546	(.2577)	.0781	(.0307)	2
MAY-1	1.0498	(.4133)	49059912	.8014	(.3155)	.1535	(.0604)	.7698	(.3031)	.1297	(.0511)	MAY-1
2	1.3343	(.5253)	67052600	1.0204	(.4017)	.1604	(.0631)	.9978	(.3928)	.1028	(.0405)	2
JUN-1	1.5288	(.6019)	49069900	1.1150	(.4390)	.1753	(.0690)	1.0618	(.4180)	.1758	(.0692)	JUN-1
2	1.6159	(.6362)	65063012	1.2358	(.4865)	.1297	(.0511)	1.2147	(.4782)	.1578	(.0621)	2
JUL-1	1.7544	(.6907)	53079912	1.3396	(.5274)	.1561	(.0614)	1.2868	(.5066)	.1630	(.0642)	JUL-1
2	1.8555	(.7305)	50079900	1.4518	(.5716)	.1647	(.0648)	1.4128	(.5562)	.1500	(.0591)	2
AUG-1	1.7513	(.6895)	72080100	1.4204	(.5592)	.2135	(.0841)	1.3451	(.5296)	.1549	(.0610)	AUG-1
2	1.6032	(.6312)	71082000	1.2872	(.5068)	.1905	(.0750)	1.2624	(.4970)	.1616	(.0636)	2
SEP-1	1.4770	(.5815)	72091200	1.1215	(.4415)	.2134	(.0840)	1.0705	(.4215)	.1794	(.0706)	SEP-1
2	1.4201	(.5591)	63099900	1.0000	(.3937)	.1640	(.0646)	.9348	(.3680)	.1676	(.0660)	2
OCT-1	1.0792	(.4249)	62109900	.7871	(.3099)	.1541	(.0607)	.7120	(.2803)	.1094	(.0431)	OCT-1
2	.9032	(.3556)	63109900	.6705	(.2640)	.1206	(.0475)	.6607	(.2601)	.1370	(.0540)	2
NOV-1	.7361	(.2898)	54119912	.5415	(.2132)	.0682	(.0269)	.5336	(.2101)	.0849	(.0334)	NOV-1
2	.6380	(.2512)	61119900	.4749	(.1870)	.0695	(.0274)	.4791	(.1886)	.0708	(.0279)	2
DEC-1	.5730	(.2256)	70121012	.4174	(.1643)	.0838	(.0330)	.4253	(.1674)	.0815	(.0321)	DEC-1
2	.5992	(.2359)	55129912	.4306	(.1695)	.0807	(.0318)	.4250	(.1673)	.0648	(.0255)	2

DODGE CITY, KANS. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.4846	(.9782)	55019912	1.2604	(.4962)	.3785	(.1490)	1.2810	(.5043)	.4528	(.1783)	JAN-1
2	2.0927	(.8239)	62019900	1.2170	(.4791)	.2770	(.1091)	1.2707	(.5003)	.2645	(.1041)	2
FEB-1	2.0198	(.7952)	62029900	1.2424	(.4891)	.2651	(.1044)	1.3230	(.5209)	.2679	(.1055)	FEB-1
2	2.2598	(.8897)	48029900	1.2519	(.4929)	.3507	(.1381)	1.3063	(.5143)	.3297	(.1298)	2
MAR-1	2.0668	(.8137)	51039912	1.2348	(.4861)	.2785	(.1097)	1.3019	(.5126)	.3291	(.1296)	MAR-1
2	2.2555	(.8880)	47039900	1.5415	(.6069)	.3628	(.1428)	1.5182	(.5977)	.2754	(.1084)	2
APR-1	2.4183	(.9521)	63049900	1.7746	(.6987)	.3267	(.1286)	1.7054	(.6714)	.2785	(.1097)	APR-1
2	2.8611	(1.1264)	51049900	2.1886	(.8617)	.3561	(.1402)	2.1129	(.8319)	.3285	(.1293)	2
MAY-1	3.3726	(1.3278)	58059900	2.4166	(.9514)	.4249	(.1673)	2.3746	(.9349)	.3981	(.1567)	MAY-1
2	3.5728	(1.4066)	49059900	2.8812	(1.1343)	.3689	(.1452)	2.6738	(1.0527)	.2749	(.1082)	2
JUN-1	4.2885	(1.6884)	72061400	3.2983	(1.2985)	.4229	(.1665)	3.1696	(1.2479)	.3270	(.1287)	JUN-1
2	5.1029	(2.0090)	58069900	3.5165	(1.3844)	.5863	(.2308)	3.3383	(1.3143)	.3537	(.1393)	2
JUL-1	4.5268	(1.7822)	71070912	3.6714	(1.4454)	.3862	(.1521)	3.7542	(1.4780)	.4441	(.1749)	JUL-1
2	4.8423	(1.9064)	67072500	3.9479	(1.5543)	.4074	(.1604)	3.9220	(1.5441)	.2841	(.1118)	2
AUG-1	4.6952	(1.8485)	70080812	3.9006	(1.5357)	.4336	(.1707)	3.8814	(1.5281)	.4520	(.1779)	AUG-1
2	4.5560	(1.7937)	61089900	3.7339	(1.4700)	.4154	(.1636)	3.7840	(1.4897)	.3519	(.1385)	2
SEP-1	4.2784	(1.6844)	58099912	3.2776	(1.2904)	.4821	(.1898)	3.3149	(1.3051)	.5392	(.2123)	SEP-1
2	4.7409	(1.8665)	46099900	2.9742	(1.1710)	.5464	(.2151)	2.9756	(1.1715)	.5225	(.2057)	2
OCT-1	4.5555	(1.7935)	46109900	2.6855	(1.0573)	.7283	(.2867)	2.5842	(1.0174)	.5934	(.2336)	OCT-1
2	3.7231	(1.4658)	68101600	2.3077	(.9086)	.6077	(.2392)	2.2695	(.8935)	.4703	(.1852)	2
NOV-1	2.5390	(.9996)	61119900	1.7139	(.6748)	.3698	(.1456)	1.6942	(.6670)	.3597	(.1416)	NOV-1
2	2.6083	(1.0269)	71111612	1.5861	(.6244)	.4164	(.1639)	1.4032	(.5525)	.4543	(.1789)	2
DEC-1	2.0729	(.8161)	47129900	1.3814	(.5439)	.2640	(.1039)	1.3936	(.5487)	.3362	(.1324)	DEC-1
2	2.2032	(.8674)	71122912	1.3500	(.5315)	.3349	(.1318)	1.3428	(.5287)	.3683	(.1450)	2
				SURFACE TO 700MB								
JAN-1	1.5349	(.6043)	55019912	.8365	(.3293)	.2538	(.0999)	.8255	(.3250)	.2664	(.1049)	JAN-1
2	1.2459	(.4905)	68012212	.7738	(.3047)	.2020	(.0795)	.7782	(.3064)	.1511	(.0595)	2
FEB-1	1.2761	(.5024)	57029912	.8227	(.3239)	.1703	(.0670)	.8418	(.3314)	.1924	(.0757)	FEB-1
2	1.6416	(.6463)	71021812	.8580	(.3378)	.2281	(.0898)	.9231	(.3634)	.2576	(.1014)	2
MAR-1	1.4321	(.5638)	51039912	.8350	(.3287)	.1998	(.0787)	.8851	(.3484)	.2275	(.0896)	MAR-1
2	1.5476	(.6093)	47039900	1.0753	(.4233)	.2300	(.0905)	1.0385	(.4089)	.2199	(.0866)	2
APR-1	1.8359	(.7228)	67041200	1.2730	(.5012)	.2353	(.0926)	1.1997	(.4723)	.2448	(.0964)	APR-1
2	1.9555	(.7699)	49049912	1.5711	(.6185)	.2258	(.0889)	1.5092	(.5942)	.2140	(.0842)	2
MAY-1	2.2464	(.8844)	58059900	1.7728	(.6980)	.2456	(.0967)	1.6604	(.6537)	.2559	(.1008)	MAY-1
2	2.4125	(.9498)	47059900	2.0409	(.8035)	.2598	(.1023)	1.9064	(.7506)	.1932	(.0760)	2
JUN-1	2.7358	(1.0771)	52069900	2.3344	(.9191)	.2317	(.0912)	2.2255	(.8762)	.2027	(.0798)	JUN-1
2	2.9586	(1.1648)	57069900	2.4983	(.9836)	.2736	(.1077)	2.3158	(.9117)	.1903	(.0749)	2
JUL-1	3.0942	(1.2182)	71070912	2.5570	(1.0067)	.2539	(.1000)	2.5440	(1.0016)	.2174	(.0856)	JUL-1
2	3.1783	(1.2513)	50079900	2.6580	(1.0464)	.2419	(.0952)	2.5836	(1.0172)	.1927	(.0759)	2
AUG-1	3.0988	(1.2200)	51089900	2.6073	(1.0265)	.2843	(.1119)	2.5346	(.9979)	.1866	(.0735)	AUG-1
2	3.2177	(1:2668)	46089912	2.5690	(1.0114)	.2567	(.1011)	2.5446	(1.0018)	.2484	(.0978)	2
SEP-1	2.8212	(1.1107)	72090812	2.2707	(.8940)	.3247	(.1278)	2.2847	(.8995)	.2856	(.1124)	SEP-1
2	2.8451	(1.1201)	58099900	2.1637	(.8518)	.3375	(.1329)	2.0589	(.8106)	.3137	(.1235)	2
OCT-1	2.7841	(1.0961)	46109900	1.8841	(.7418)	.4195	(.1652)	1.8070	(.7114)	.3720	(.1465)	OCT-1
2	2.4788	(.9759)	68101600	1.5738	(.6196)	.4239	(.1669)	1.5624	(.6151)	.3455	(.1360)	2
NOV-1	1.7981	(.7079)	61119900	1.1838	(.4660)	.2598	(.1023)	1.1419	(.4496)	.2264	(.0891)	NOV-1
2	1.7574	(.6919)	71111700	1.0207	(.4018)	.3180	(.1252)	.9223	(.3631)	.2998	(.1180)	2
DEC-1	1.3866	(.5459)	62129900	.9070	(.3571)	.2144	(.0844)	.8772	(.3453)	.2066	(.0813)	DEC-1
2	1.4336	(.5644)	49129912	.8900	(.3504)	.1977	(.0778)	.8693	(.3422)	.2282	(.0898)	2
				SURFACE TO 850MB								
JAN-1	.5474	(.2155)	55019912	.3353	(.1320)	.0969	(.0382)	.3218	(.1267)	.0945	(.0372)	JAN-1
2	.4676	(.1841)	68012212	.2950	(.1161)	.0666	(.0262)	.2907	(.1144)	.0612	(.0241)	2
FEB-1	.5509	(.2169)	57029900	.3148	(.1239)	.0723	(.0285)	.3190	(.1256)	.0796	(.0313)	FEB-1
2	.6093	(.2399)	71021812	.3375	(.1329)	.0924	(.0364)	.3671	(.1445)	.1043	(.0410)	2
MAR-1	.5812	(.2288)	66031112	.3252	(.1280)	.0924	(.0364)	.3334	(.1313)	.1024	(.0403)	MAR-1
2	.7160	(.2819)	63039912	.4091	(.1611)	.0851	(.0335)	.4057	(.1597)	.1048	(.0413)	2
APR-1	.7300	(.2874)	67040112	.4974	(.1958)	.1016	(.0400)	.4754	(.1872)	.1094	(.0431)	APR-1
2	.8423	(.3316)	64049900	.6256	(.2463)	.1104	(.0435)	.6210	(.2445)	.0874	(.0344)	2
MAY-1	1.0640	(.4189)	49059900	.7195	(.2833)	.1193	(.0470)	.7206	(.2837)	.1238	(.0487)	MAY-1
2	1.0223	(.4025)	56059900	.8124	(.3198)	.1062	(.0418)	.8157	(.3211)	.0913	(.0359)	2
JUN-1	1.2215	(.4809)	47069900	.9338	(.3676)	.0894	(.0352)	.9268	(.3649)	.0944	(.0372)	JUN-1
2	1.1915	(.4691)	49069900	.9775	(.3848)	.1125	(.0443)	.9546	(.3758)	.0617	(.0243)	2
JUL-1	1.3002	(.5119)	47079900	1.0151	(.3997)	.1323	(.0521)	1.0630	(.4185)	.0768	(.0302)	JUL-1
2	1.5537	(.6117)	65072400	1.0903	(.4292)	.1457	(.0574)	1.0864	(.4277)	.0904	(.0356)	2
AUG-1	1.2456	(.4904)	51089900	1.0402	(.4095)	.1117	(.0440)	1.0520	(.4142)	.0639	(.0251)	AUG-1
2	1.3330	(.5248)	46089912	1.0421	(.4103)	.0975	(.0384)	1.0444	(.4112)	.0920	(.0362)	2
SEP-1	1.1671	(.4595)	63099900	.8956	(.3526)	.1534	(.0604)	.9402	(.3702)	.1144	(.0450)	SEP-1
2	1.0678	(.4204)	50099900	.8381	(.3300)	.1384	(.0545)	.8488	(.3342)	.1288	(.0507)	2
OCT-1	1.0076	(.3967)	54109912	.7389	(.2909)	.1337	(.0527)	.7439	(.2929)	.1451	(.0571)	OCT-1
2	.9421	(.3709)	65101712	.6518	(.2566)	.1580	(.0622)	.6419	(.2527)	.1465	(.0577)	2
NOV-1	.7181	(.2827)	54119900	.4729	(.1862)	.1209	(.0476)	.4638	(.1826)	.0988	(.0389)	NOV-1
2	.7084	(.2789)	71111600	.3959	(.1559)	.1110	(.0437)	.3686	(.1451)	.1107	(.0436)	2
DEC-1	.6360	(.2504)	65121100	.3308	(.1302)	.1043	(.0411)	.3355	(.1321)	.0899	(.0354)	DEC-1
2	.5626	(.2215)	49129900	.3278	(.1291)	.0771	(.0303)	.3143	(.1237)	.0746	(.0294)	2

EL PASO, TEX. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.3419	(.9220)	49019912	1.3611	(.5359)	.4032	(.1587)	1.3979	(.5504)	.4453	(.1753)	JAN-1
2	2.0744	(.8167)	52019912	1.2816	(.5046)	.3287	(.1294)	1.2979	(.5110)	.3125	(.1230)	2
FEB-1	2.2807	(.8979)	48029900	1.2732	(.5013)	.3851	(.1516)	1.3306	(.5239)	.3371	(.1327)	FEB-1
2	2.0724	(.8159)	53029912	1.2325	(.4853)	.4013	(.1580)	1.2931	(.5091)	.4059	(.1598)	2
MAR-1	2.1986	(.8656)	51039900	1.2543	(.4938)	.3896	(.1534)	1.2609	(.4964)	.3642	(.1434)	MAR-1
2	1.7983	(.7080)	55039900	1.3283	(.5229)	.2804	(.1104)	1.3376	(.5266)	.2816	(.1109)	2
APR-1	2.0457	(.8054)	54049912	1.3507	(.5318)	.3140	(.1236)	1.4431	(.5681)	.3185	(.1254)	APR-1
2	2.1052	(.8288)	46049912	1.4315	(.5636)	.3172	(.1249)	1.5089	(.5941)	.3178	(.1251)	2
MAY-1	2.7706	(1.0908)	47059912	1.6272	(.6406)	.3148	(.1240)	1.7104	(.6734)	.3711	(.1461)	MAY-1
2	2.8740	(1.1315)	63059900	2.0581	(.8103)	.4705	(.1852)	2.0825	(.8199)	.3331	(.1312)	2
JUN-1	3.3998	(1.3385)	52069912	2.3945	(.9427)	.4839	(.1905)	2.4855	(.9785)	.5234	(.2061)	JUN-1
2	4.1420	(1.6307)	66062900	2.7664	(1.0891)	.5160	(.2032)	2.8457	(1.1204)	.5038	(.1984)	2
JUL-1	3.8547	(1.5176)	60079912	3.2766	(1.2900)	.4397	(.1731)	3.3525	(1.3199)	.3433	(.1351)	JUL-1
2	4.0229	(1.5838)	58079900	3.3934	(1.3360)	.2929	(.1153)	3.4441	(1.3559)	.3344	(.1317)	2
AUG-1	4.2560	(1.6756)	70080512	3.3293	(1.3108)	.3696	(.1455)	3.4511	(1.3587)	.3184	(.1254)	AUG-1
2	4.1892	(1.6493)	51089900	3.2864	(1.2938)	.4210	(.1658)	3.3297	(1.3109)	.3665	(.1443)	2
SEP-1	4.0640	(1.6000)	58099900	3.1331	(1.2335)	.4416	(.1739)	3.1603	(1.2442)	.4234	(.1667)	SEP-1
2	3.7953	(1.4942)	58099900	2.7303	(1.0749)	.5377	(.2117)	2.7974	(1.1013)	.5059	(.1992)	2
OCT-1	3.7498	(1.4763)	55109912	2.4545	(.9663)	.5899	(.2323)	2.4289	(.9563)	.6171	(.2429)	OCT-1
2	2.9652	(1.1674)	72102000	1.9502	(.7678)	.5790	(.2280)	2.0292	(.7989)	.4272	(.1682)	2
NOV-1	2.9675	(1.1683)	57119900	1.5805	(.6222)	.4455	(.1754)	1.6364	(.6443)	.4339	(.1708)	NOV-1
2	2.3543	(.9269)	67112700	1.4101	(.5552)	.3815	(.1502)	1.4696	(.5786)	.3408	(.1342)	2
DEC-1	2.1681	(.8536)	51129912	1.5290	(.6020)	.3376	(.1329)	1.4838	(.5842)	.3486	(.1373)	DEC-1
2	2.2982	(.9048)	48129900	1.4335	(.5644)	.4148	(.1633)	1.4039	(.5527)	.4454	(.1754)	2
				SURFACE TO 700MB								
JAN-1	1.3561	(.5339)	49019912	.8146	(.3207)	.2062	(.0812)	.8199	(.3228)	.2326	(.0916)	JAN-1
2	1.0729	(.4224)	52019912	.7696	(.3030)	.1679	(.0661)	.7811	(.3075)	.1515	(.0596)	2
FEB-1	1.2266	(.4829)	57029912	.7508	(.2956)	.2085	(.0821)	.8220	(.3236)	.1991	(.0784)	FEB-1
2	1.1654	(.4588)	59029912	.7281	(.2866)	.2140	(.0842)	.7814	(.3076)	.2159	(.0850)	2
MAR-1	1.3045	(.5136)	51039900	.7211	(.2839)	.2368	(.0932)	.7598	(.2991)	.2104	(.0828)	MAR-1
2	1.1077	(.4361)	46039900	.7914	(.3116)	.1752	(.0690)	.8124	(.3198)	.1609	(.0633)	2
APR-1	1.3223	(.5206)	54049912	.8247	(.3247)	.1851	(.0729)	.9021	(.3552)	.2137	(.0841)	APR-1
2	1.3429	(.5287)	58049900	.9088	(.3578)	.2189	(.0862)	.9466	(.3727)	.2081	(.0819)	2
MAY-1	1.5679	(.6173)	59059912	.9924	(.3907)	.2243	(.0883)	1.0998	(.4330)	.2234	(.0879)	MAY-1
2	1.9525	(.7687)	58059912	1.1752	(.4627)	.2878	(.1133)	1.3615	(.5360)	.2330	(.0917)	2
JUN-1	2.1549	(.8484)	53069912	1.4120	(.5559)	.2693	(.1060)	1.5840	(.6236)	.2867	(.1129)	JUN-1
2	2.4851	(.9784)	66062900	1.6101	(.6339)	.3108	(.1224)	1.7438	(.6865)	.2282	(.0899)	2
JUL-1	2.2370	(.8807)	52079912	1.8631	(.7335)	.2606	(.1026)	1.9676	(.7746)	.1681	(.0662)	JUL-1
2	2.3172	(.9123)	58079912	1.9495	(.7675)	.1761	(.0693)	2.0302	(.7993)	.1675	(.0659)	2
AUG-1	2.4775	(.9754)	70080612	1.9384	(.7632)	.1714	(.0675)	2.0182	(.7946)	.1486	(.0585)	AUG-1
2	2.3487	(.9247)	51089900	1.9046	(.7499)	.1866	(.0734)	2.0174	(.7942)	.1863	(.0733)	2
SEP-1	2.3647	(.9310)	58099900	1.8353	(.7225)	.2515	(.0990)	1.8733	(.7375)	.2052	(.0808)	SEP-1
2	2.2598	(.8897)	58099900	1.6372	(.6446)	.2965	(.1167)	1.7261	(.6796)	.2790	(.1098)	2
OCT-1	2.3023	(.9064)	54109900	1.5016	(.5912)	.3352	(.1320)	1.5043	(.5923)	.3109	(.1224)	OCT-1
2	1.8585	(.7317)	58109900	1.2462	(.4906)	.3345	(.1317)	1.2893	(.5076)	.2507	(.0987)	2
NOV-1	1.6551	(.6516)	59119912	.9758	(.3842)	.2251	(.0886)	1.0555	(.4156)	.2458	(.0968)	NOV-1
2	1.3713	(.5399)	67112712	.8799	(.3464)	.2279	(.0897)	.9114	(.3588)	.1793	(.0706)	2
DEC-1	1.2537	(.4936)	48121415	.9116	(.3589)	.1774	(.0698)	.8908	(.3507)	.1898	(.0747)	DEC-1
2	1.2273	(.4832)	48129900	.8292	(.3265)	.2051	(.0808)	.8642	(.3402)	.2259	(.0889)	2
				SURFACE TO 850MB								
JAN-1	.2578	(.1015)	49019900	.1669	(.0657)	.0464	(.0183)	.1719	(.0677)	.0448	(.0176)	JAN-1
2	.2405	(.0947)	54019912	.1638	(.0645)	.0310	(.0122)	.1587	(.0625)	.0332	(.0131)	2
FEB-1	.2680	(.1055)	62029912	.1500	(.0591)	.0483	(.0190)	.1632	(.0642)	.0466	(.0183)	FEB-1
2	.2436	(.0959)	58029900	.1386	(.0545)	.0432	(.0170)	.1573	(.0619)	.0454	(.0179)	2
MAR-1	.2639	(.1039)	53039912	.1410	(.0555)	.0555	(.0219)	.1552	(.0611)	.0424	(.0167)	MAR-1
2	.2560	(.1008)	64039912	.1541	(.0607)	.0336	(.0132)	.1754	(.0691)	.0411	(.0162)	2
APR-1	.2921	(.1150)	54049900	.1644	(.0647)	.0475	(.0187)	.1839	(.0724)	.0487	(.0192)	APR-1
2	.3218	(.1267)	52049912	.1791	(.0705)	.0609	(.0240)	.2193	(.0863)	.0624	(.0246)	2
MAY-1	.3358	(.1322)	59059912	.1982	(.0780)	.0580	(.0228)	.2458	(.0968)	.0562	(.0221)	MAY-1
2	.3792	(.1493)	48059912	.2402	(.0946)	.0604	(.0238)	.3086	(.1215)	.0460	(.0181)	2
JUN-1	.4864	(.1915)	53069912	.2764	(.1088)	.0633	(.0249)	.3508	(.1381)	.0572	(.0225)	JUN-1
2	.4989	(.1964)	67062612	.3186	(.1254)	.0728	(.0287)	.3950	(.1555)	.0534	(.0210)	2
JUL-1	.5248	(.2066)	60079912	.4015	(.1581)	.0696	(.0274)	.4608	(.1814)	.0355	(.0140)	JUL-1
2	.5540	(.2181)	58079912	.4199	(.1653)	.0529	(.0208)	.4612	(.1816)	.0440	(.0173)	2
AUG-1	.5392	(.2123)	50089912	.4215	(.1659)	.0516	(.0203)	.4651	(.1831)	.0323	(.0127)	AUG-1
2	.5245	(.2065)	57089912	.4077	(.1605)	.0552	(.0217)	.4575	(.1801)	.0391	(.0154)	2
SEP-1	.5098	(.2007)	58099912	.3932	(.1548)	.0534	(.0210)	.4276	(.1684)	.0387	(.0152)	SEP-1
2	.4803	(.1891)	54099900	.3409	(.1342)	.0758	(.0298)	.3868	(.1523)	.0600	(.0236)	2
OCT-1	.4879	(.1921)	54109912	.3132	(.1233)	.0811	(.0319)	.3340	(.1315)	.0725	(.0286)	OCT-1
2	.3782	(.1489)	72101812	.2540	(.1000)	.0684	(.0269)	.2752	(.1083)	.0565	(.0222)	2
NOV-1	.3208	(.1263)	59119900	.2085	(.0821)	.0497	(.0196)	.2190	(.0862)	.0432	(.0170)	NOV-1
2	.3287	(.1294)	67112700	.1804	(.0710)	.0494	(.0194)	.1918	(.0755)	.0507	(.0200)	2
DEC-1	.2565	(.1010)	48129900	.1819	(.0716)	.0363	(.0143)	.1749	(.0689)	.0335	(.0132)	DEC-1
2	.2718	(.1070)	49129912	.1726	(.0679)	.0450	(.0177)	.1743	(.0686)	.0432	(.0170)	2

ELY, NEV. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED			MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z)				12Z(15Z)				MONTH
	MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	
				SURFACE TO 400MB								
JAN-1	1.4491	(.5705)	56019900	.8562	(.3371)	.2292	(.0902)	.8483	(.3340)	.2308	(.0909)	JAN-1
2	1.6383	(.6450)	71011712	.9576	(.3770)	.2646	(.1042)	.9587	(.3774)	.2694	(.1060)	2
FEB-1	1.4559	(.5732)	63029900	.9160	(.3606)	.2372	(.0934)	.9224	(.3631)	.2001	(.0788)	FEB-1
2	1.3937	(.5487)	68022312	.8122	(.3198)	.2030	(.0799)	.8194	(.3226)	.2344	(.0923)	2
MAR-1	1.4008	(.5515)	72030212	.8341	(.3284)	.2241	(.0882)	.8155	(.3211)	.2082	(.0820)	MAR-1
2	1.2281	(.4835)	67031700	.8834	(.3478)	.1648	(.0649)	.8199	(.3228)	.1391	(.0548)	2
APR-1	1.2515	(.4927)	46049912	.9219	(.3629)	.1530	(.0602)	.9104	(.3584)	.1459	(.0574)	APR-1
2	1.3884	(.5466)	47049900	1.0143	(.3993)	.1979	(.0779)	.9790	(.3854)	.1568	(.0617)	2
MAY-1	1.6106	(.6341)	47059900	1.1437	(.4503)	.2207	(.0869)	1.1207	(.4412)	.1522	(.0599)	MAY-1
2	1.6988	(.6688)	56059912	1.3390	(.5271)	.1704	(.0671)	1.2856	(.5061)	.1851	(.0729)	2
JUN-1	2.0640	(.8126)	72060612	1.4711	(.5792)	.2762	(.1087)	1.5002	(.5906)	.2477	(.0975)	JUN-1
2	2.1984	(.8655)	54069900	1.5459	(.6086)	.2818	(.1109)	1.4979	(.5897)	.1666	(.0656)	2
JUL-1	2.6177	(1.0306)	53079900	1.8726	(.7373)	.4359	(.1716)	1.8418	(.7251)	.3572	(.1406)	JUL-1
2	2.9164	(1.1482)	54079900	2.3153	(.9115)	.3464	(.1364)	2.2515	(.8864)	.3389	(.1334)	2
AUG-1	2.9525	(1.1624)	51089912	2.3357	(.9196)	.3727	(.1467)	2.2024	(.8671)	.3370	(.1327)	AUG-1
2	2.8049	(1.1043)	70081900	1.9574	(.7706)	.3902	(.1536)	1.9124	(.7529)	.4164	(.1639)	2
SEP-1	2.5128	(.9893)	60099900	1.7392	(.6847)	.4173	(.1643)	1.6313	(.6422)	.4003	(.1576)	SEP-1
2	2.1928	(.8633)	66092000	1.4509	(.5712)	.3455	(.1360)	1.4778	(.5818)	.2737	(.1077)	2
OCT-1	1.9911	(.7839)	46109900	1.3377	(.5267)	.2814	(.1108)	1.3165	(.5183)	.2012	(.0792)	OCT-1
2	1.7988	(.7082)	59109900	1.1430	(.4500)	.2207	(.0869)	1.1322	(.4457)	.2028	(.0799)	2
NOV-1	1.5050	(.5925)	68110912	1.0845	(.4270)	.1742	(.0686)	1.0528	(.4145)	.1866	(.0735)	NOV-1
2	1.6896	(.6652)	50119900	1.1011	(.4335)	.2261	(.0890)	1.0258	(.4038)	.2169	(.0854)	2
DEC-1	1.7269	(.6799)	46129900	.9832	(.3871)	.2483	(.0977)	.9409	(.3704)	.2237	(.0881)	DEC-1
2	1.6944	(.6671)	55129912	.9995	(.3935)	.1965	(.0774)	.9676	(.3809)	.2305	(.0907)	2
				SURFACE TO 700MB								
JAN-1	.6195	(.2439)	56019912	.3811	(.1500)	.0879	(.0346)	.3926	(.1545)	.0997	(.0392)	JAN-1
2	.7419	(.2921)	71011712	.4046	(.1593)	.0878	(.0346)	.4183	(.1647)	.1124	(.0443)	2
FEB-1	.5862	(.2308)	63029912	.3907	(.1538)	.0947	(.0373)	.4089	(.1610)	.0948	(.0373)	FEB-1
2	.5923	(.2332)	68022312	.3761	(.1481)	.0935	(.0368)	.3808	(.1499)	.0856	(.0337)	2
MAR-1	.5423	(.2135)	57039900	.3739	(.1472)	.0838	(.0330)	.3710	(.1460)	.0725	(.0286)	MAR-1
2	.5616	(.2211)	67031712	.3802	(.1497)	.0687	(.0270)	.3719	(.1464)	.0631	(.0249)	2
APR-1	.5862	(.2308)	63049900	.4200	(.1653)	.0725	(.0285)	.4143	(.1631)	.0690	(.0272)	APR-1
2	.6203	(.2442)	52049912	.4377	(.1723)	.0886	(.0349)	.4405	(.1734)	.0706	(.0278)	2
MAY-1	.6993	(.2753)	47059900	.5097	(.2007)	.0962	(.0379)	.5041	(.1985)	.0756	(.0298)	MAY-1
2	.8270	(.3256)	56059900	.5725	(.2254)	.0990	(.0390)	.5792	(.2280)	.0804	(.0317)	2
JUN-1	1.2230	(.4815)	48069900	.6362	(.2505)	.1657	(.0653)	.6679	(.2629)	.1019	(.0401)	JUN-1
2	1.0759	(.4236)	54069912	.6501	(.2560)	.1144	(.0450)	.6856	(.2699)	.1154	(.0454)	2
JUL-1	1.0780	(.4244)	49079912	.7567	(.2979)	.2020	(.0795)	.7979	(.3141)	.1807	(.0711)	JUL-1
2	1.3350	(.5256)	54079900	.9282	(.3654)	.1998	(.0786)	1.0101	(.3977)	.1425	(.0561)	2
AUG-1	1.5624	(.6151)	72080100	.9764	(.3844)	.2187	(.0861)	.9919	(.3905)	.1398	(.0550)	AUG-1
2	1.1290	(.4445)	61089912	.8075	(.3179)	.1912	(.0753)	.8598	(.3385)	.1707	(.0672)	2
SEP-1	1.1623	(.4576)	54099900	.7281	(.2867)	.2047	(.0806)	.7498	(.2952)	.1900	(.0748)	SEP-1
2	.9484	(.3734)	48099912	.6358	(.2503)	.1515	(.0596)	.6893	(.2714)	.1323	(.0521)	2
OCT-1	.8235	(.3242)	46109900	.5936	(.2337)	.1143	(.0450)	.6150	(.2421)	.0967	(.0381)	OCT-1
2	.7602	(.2993)	59109912	.5052	(.1989)	.0983	(.0387)	.5228	(.2058)	.0884	(.0348)	2
NOV-1	.6942	(.2733)	68110912	.4722	(.1859)	.0693	(.0273)	.4723	(.1859)	.0822	(.0324)	NOV-1
2	.7122	(.2804)	50119912	.4697	(.1849)	.0800	(.0315)	.4688	(.1846)	.0948	(.0373)	2
DEC-1	.7221	(.2843)	46129900	.4342	(.1710)	.0972	(.0383)	.3996	(.1573)	.0699	(.0275)	DEC-1
2	.6375	(.2510)	55129912	.4230	(.1665)	.0885	(.0348)	.4180	(.1646)	.0855	(.0336)	2

FLINT, MICH. 16 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED: MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.9065	(1.1443)	60011300	1.4562	(.5733)	.5920	(.2331)	1.3963	(.5497)	.4560	(.1795)	JAN-1
2	2.5563	(1.0064)	69013000	1.5979	(.6291)	.5717	(.2251)	1.5455	(.6085)	.4822	(.1898)	2
FEB-1	2.4933	(.9816)	68020200	1.5720	(.6189)	.5128	(.2019)	1.5282	(.6017)	.4649	(.1830)	FEB-1
2	2.6195	(1.0313)	57022603	1.3513	(.5320)	.5808	(.2286)	1.3130	(.5169)	.4685	(.1845)	2
MAR-1	2.7953	(1.1005)	71031512	1.6790	(.6610)	.5358	(.2109)	1.8101	(.7126)	.6435	(.2533)	MAR-1
2	2.6302	(1.0355)	66032312	1.7145	(.6750)	.4408	(.1736)	1.7845	(.7025)	.4952	(.1950)	2
APR-1	3.5959	(1.4157)	67041400	2.1870	(.8610)	.6259	(.2464)	2.0130	(.7925)	.5903	(.2324)	APR-1
2	3.3335	(1.3124)	57042415	2.6695	(1.0510)	.3771	(.1485)	2.6783	(1.0544)	.4502	(.1773)	2
MAY-1	3.7849	(1.4901)	70050112	2.8751	(1.1319)	.4992	(.1965)	2.8547	(1.1239)	.6006	(.2365)	MAY-1
2	3.9446	(1.5530)	59052112	3.0931	(1.2178)	.5035	(.1982)	3.1400	(1.2362)	.5044	(.1986)	2
JUN-1	4.6131	(1.8162)	57061500	3.7741	(1.4859)	.3958	(.1558)	3.7701	(1.4843)	.2995	(.1179)	JUN-1
2	4.6848	(1.8444)	65062900	3.8458	(1.5141)	.4796	(.1888)	3.5436	(1.3951)	.4167	(.1641)	2
JUL-1	4.8880	(1.9244)	72071500	3.9155	(1.5415)	.5691	(.2241)	3.9092	(1.5390)	.3840	(.1512)	JUL-1
2	5.1280	(2.0189)	72071900	4.0973	(1.6131)	.5722	(.2253)	4.1973	(1.6525)	.5409	(.2129)	2
AUG-1	4.9276	(1.9400)	64080312	3.8181	(1.5032)	.4474	(.1761)	3.8124	(1.5010)	.3900	(.1535)	AUG-1
2	4.9781	(1.9599)	68081700	4.2496	(1.6731)	.3908	(.1539)	4.0145	(1.5805)	.4690	(.1846)	2
SEP-1	4.8898	(1.9251)	65090912	3.9781	(1.5662)	.5551	(.2185)	4.0657	(1.6007)	.5629	(.2216)	SEP-1
2	4.6327	(1.8239)	65092200	3.8583	(1.5190)	.5052	(.1989)	3.4574	(1.3612)	.6270	(.2468)	2
OCT-1	4.3556	(1.7148)	65100100	2.9558	(1.1637)	.7442	(.2930)	2.9829	(1.1744)	.6025	(.2372)	OCT-1
2	3.8534	(1.5171)	62101600	2.8983	(1.1411)	.6413	(.2525)	2.9210	(1.1500)	.5799	(.2283)	2
NOV-1	3.3434	(1.3163)	72110212	2.4906	(.9806)	.4281	(.1686)	2.5458	(1.0023)	.4562	(.1796)	NOV-1
2	3.7267	(1.4672)	58111800	2.3702	(.9332)	.6635	(.2612)	2.2377	(.8810)	.6253	(.2462)	2
DEC-1	2.9065	(1.1443)	66120800	2.0278	(.7983)	.5218	(.2054)	1.9715	(.7762)	.4791	(.1886)	DEC-1
2	2.7935	(1.0998)	67122112	1.8201	(.7166)	.6286	(.2475)	1.7939	(.7062)	.5959	(.2346)	2
				SURFACE TO 700MB								
JAN-1	2.0165	(.7939)	60011300	1.0226	(.4026)	.4346	(.1711)	1.0297	(.4054)	.3523	(.1387)	JAN-1
2	1.8473	(.7273)	67012500	1.1943	(.4702)	.4538	(.1786)	1.1303	(.4450)	.3792	(.1493)	2
FEB-1	1.7645	(.6947)	68020200	1.1125	(.4380)	.3508	(.1381)	1.1252	(.4430)	.3360	(.1323)	FEB-1
2	1.8895	(.7439)	57022603	.9970	(.3925)	.4329	(.1704)	.9841	(.3874)	.3753	(.1478)	2
MAR-1	1.8895	(.7439)	61030612	1.2649	(.4980)	.4069	(.1602)	1.3100	(.5157)	.4393	(.1730)	MAR-1
2	2.0028	(.7885)	67032712	1.2950	(.5099)	.3539	(.1393)	1.3618	(.5361)	.3743	(.1473)	2
APR-1	2.5016	(.9849)	67040300	1.5852	(.6241)	.4654	(.1832)	1.5067	(.5932)	.4426	(.1742)	APR-1
2	2.7026	(1.0640)	57042415	1.9694	(.7754)	.3177	(.1251)	2.0656	(.8132)	.3518	(.1385)	2
MAY-1	2.8781	(1.1331)	70050112	2.2210	(.8744)	.3881	(.1528)	2.2173	(.8729)	.4452	(.1753)	MAY-1
2	3.0203	(1.1891)	59052712	2.2877	(.9007)	.4394	(.1730)	2.3690	(.9327)	.3448	(.1357)	2
JUN-1	3.3045	(1.3010)	57061500	2.8436	(1.1195)	.2748	(.1082)	2.7526	(1.0837)	.1949	(.0767)	JUN-1
2	3.6350	(1.4311)	57061800	2.9484	(1.1608)	.2861	(.1127)	2.8071	(1.1051)	.3464	(.1364)	2
JUL-1	3.7341	(1.4701)	66071212	2.9735	(1.1707)	.3509	(.1382)	2.9675	(1.1683)	.2800	(.1102)	JUL-1
2	3.9878	(1.5700)	72072200	3.1792	(1.2517)	.3974	(.1565)	3.1744	(1.2498)	.4290	(.1689)	2
AUG-1	3.6566	(1.4396)	68080612	2.9511	(1.1619)	.2673	(.1052)	3.0657	(1.2070)	.3170	(.1248)	AUG-1
2	3.7597	(1.4802)	59082300	3.1337	(1.2337)	.2371	(.0933)	3.0220	(1.1897)	.3655	(.1439)	2
SEP-1	3.5949	(1.4153)	61090400	3.0120	(1.1858)	.3822	(.1505)	3.0322	(1.1938)	.3163	(.1246)	SEP-1
2	3.5042	(1.3796)	58092500	2.8459	(1.1204)	.3544	(.1395)	2.6632	(1.0485)	.4558	(.1795)	2
OCT-1	3.1499	(1.2401)	59100600	2.2978	(.9047)	.5118	(.2015)	2.3017	(.9062)	.4188	(.1649)	OCT-1
2	2.8862	(1.1363)	62101612	2.1270	(.8374)	.4188	(.1649)	2.1389	(.8421)	.4058	(.1598)	2
NOV-1	2.4755	(.9746)	56110115	1.8998	(.7479)	.2974	(.1171)	1.8930	(.7453)	.3118	(.1228)	NOV-1
2	2.6802	(1.0552)	58111800	1.7157	(.6755)	.4997	(.1967)	1.6273	(.6407)	.4577	(.1802)	2
DEC-1	2.3058	(.9078)	66120812	1.4693	(.5785)	.3366	(.1325)	1.4581	(.5741)	.4457	(.1755)	DEC-1
2	2.0541	(.8087)	59122800	1.2966	(.5105)	.4851	(.1910)	1.2969	(.5106)	.4163	(.1639)	2
				SURFACE TO 850MB								
JAN-1	1.0734	(.4226)	65010900	.5070	(.1996)	.2306	(.0908)	.5253	(.2068)	.1868	(.0735)	JAN-1
2	1.1664	(.4592)	67012500	.6047	(.2381)	.2743	(.1080)	.5916	(.2329)	.2427	(.0956)	2
FEB-1	.9611	(.3784)	68020200	.5737	(.2259)	.1793	(.0706)	.5722	(.2253)	.1898	(.0747)	FEB-1
2	1.0239	(.4031)	57022603	.5226	(.2057)	.2202	(.0867)	.5145	(.2026)	.1904	(.0750)	2
MAR-1	1.0485	(.4128)	71031500	.6482	(.2552)	.2184	(.0860)	.6711	(.2642)	.1927	(.0759)	MAR-1
2	1.0856	(.4274)	67032712	.6635	(.2612)	.2025	(.0797)	.7032	(.2768)	.2207	(.0869)	2
APR-1	1.3825	(.5443)	67040300	.8576	(.3376)	.2629	(.1035)	.8181	(.3221)	.2423	(.0954)	APR-1
2	1.5923	(.6269)	70043012	1.1104	(.4372)	.2161	(.0851)	1.1195	(.4408)	.2362	(.0930)	2
MAY-1	1.6675	(.6565)	70050112	1.2867	(.5066)	.2484	(.0978)	1.2639	(.4976)	.2769	(.1090)	MAY-1
2	1.7668	(.6956)	62053000	1.3046	(.5136)	.2808	(.1105)	1.3273	(.5225)	.2238	(.0881)	2
JUN-1	1.8679	(.7354)	57061500	1.6270	(.6406)	.1691	(.0666)	1.6019	(.6307)	.1163	(.0458)	JUN-1
2	2.2101	(.8701)	57061700	1.7222	(.6780)	.1888	(.0743)	1.6655	(.6557)	.2025	(.0797)	2
JUL-1	2.1450	(.8445)	66071212	1.6941	(.6670)	.2157	(.0849)	1.7683	(.6962)	.1804	(.0710)	JUL-1
2	2.4287	(.9562)	72072112	1.8494	(.7281)	.2184	(.0860)	1.8886	(.7435)	.2834	(.1116)	2
AUG-1	2.2570	(.8886)	68080612	1.7588	(.6924)	.1461	(.0575)	1.7899	(.7047)	.2160	(.0850)	AUG-1
2	2.3363	(.9198)	68082200	1.7995	(.7085)	.2199	(.0866)	1.7807	(.7011)	.2218	(.0873)	2
SEP-1	2.2103	(.8702)	61090400	1.7448	(.6869)	.2358	(.0928)	1.7704	(.6970)	.1653	(.0651)	SEP-1
2	1.9865	(.7821)	70091600	1.6078	(.6330)	.2254	(.0888)	1.5495	(.6101)	.2772	(.1091)	2
OCT-1	1.7249	(.6791)	59100600	1.3497	(.5314)	.2703	(.1064)	1.3261	(.5221)	.2171	(.0855)	OCT-1
2	1.6543	(.6513)	62101612	1.1923	(.4694)	.2376	(.0935)	1.1936	(.4699)	.2210	(.0870)	2
NOV-1	1.3884	(.5466)	56110115	1.0527	(.4144)	.1894	(.0746)	1.0545	(.4151)	.1674	(.0659)	NOV-1
2	1.4315	(.5636)	58111712	.8965	(.3530)	.2940	(.1158)	.8745	(.3443)	.2748	(.1082)	2
DEC-1	1.2375	(.4872)	66120812	.7415	(.2919)	.1793	(.0706)	.7539	(.2968)	.2603	(.1025)	DEC-1
2	1.1359	(.4472)	67122200	.6689	(.2633)	.2571	(.1012)	.6574	(.2588)	.2296	(.0903)	2

FT. HUACHUCA, ARIZ. 12 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.9012	(.7485)	57010915	1.1554	(.4549)	.4116	(.1620)	1.1709	(.4610)	.3850	(.1516)	JAN-1
2	1.7178	(.6763)	65012012	1.0726	(.4223)	.1731	(.0682)	1.1081	(.4363)	.2714	(.1068)	2
FEB-1	1.8123	(.7135)	68020912	1.1953	(.4706)	.3482	(.1371)	1.1297	(.4448)	.3952	(.1556)	FEB-1
2	1.8811	(.7406)	59021800	1.4924	(.5875)	.2844	(.1120)	1.0791	(.4248)	.3558	(.1401)	2
MAR-1	1.4613	(.5753)	65031012	.9264	(.3647)	.2574	(.1013)	.9624	(.3789)	.2336	(.0920)	MAR-1
2	1.4313	(.5635)	55031903	1.0469	(.4122)	.3464	(.1364)	.9732	(.3832)	.1456	(.0573)	2
APR-1	1.6104	(.6340)	69040112	.9753	(.3840)	.3366	(.1325)	.9815	(.3864)	.3580	(.1409)	APR-1
2	1.7031	(.6705)	59041600	1.2944	(.5096)	.2588	(.1019)	1.1359	(.4472)	.2221	(.0874)	2
MAY-1	1.9274	(.7588)	58051112	1.4408	(.5673)	.3417	(.1345)	1.4221	(.5599)	.2928	(.1153)	MAY-1
2	2.0574	(.8100)	58053100	1.5153	(.5966)	.4478	(.1763)	1.4159	(.5574)	.3977	(.1566)	2
JUN-1	2.6566	(1.0459)	58060700	2.3144	(.9112)	.2687	(.1058)	1.8287	(.7200)	.3915	(.1541)	JUN-1
2	3.4717	(1.3668)	58062100	2.6291	(1.0351)	.6305	(.2482)	2.3782	(.9363)	.5695	(.2242)	2
JUL-1	3.6299	(1.4291)	55071303	3.2808	(1.2916)	.3059	(.1204)	3.0216	(1.1896)	.2619	(.1031)	JUL-1
2	3.8890	(1.5311)	69072512	3.4980	(1.3771)	.2342	(.0922)	3.4441	(1.3559)	.2696	(.1062)	2
AUG-1	4.0891	(1.6099)	55080703	3.5473	(1.3966)	.5212	(.2052)	3.3894	(1.3344)	.2751	(.1083)	AUG-1
2	3.7145	(1.4624)	59082512	3.4022	(1.3395)	.2504	(.0986)	3.1649	(1.2460)	.3911	(.1540)	2
SEP-1	4.0419	(1.5913)	64091012	3.1399	(1.2362)	.7705	(.3034)	2.8956	(1.1400)	.6152	(.2422)	SEP-1
2	3.2034	(1.2612)	58092212	2.2198	(.8739)	.2888	(.1137)	2.1932	(.8635)	.4839	(.1905)	2
OCT-1	2.9840	(1.1748)	55100403	2.4877	(.9794)	.3412	(.1343)	1.8448	(.7263)	.4569	(.1799)	OCT-1
2	2.4229	(.9539)	57103112	1.8703	(.7363)	.3624	(.1427)	1.6108	(.6342)	.4546	(.1790)	2
NOV-1	1.7211	(.6776)	56111315	1.1908	(.4688)	.2415	(.0951)	1.2225	(.4813)	.2757	(.1085)	NOV-1
2	2.2570	(.8886)	65112512	1.5367	(.6050)	.4048	(.1594)	1.2651	(.4981)	.4688	(.1846)	2
DEC-1	2.3213	(.9139)	57120512	1.1972	(.4713)	.1162	(.0457)	1.3211	(.5201)	.5379	(.2118)	DEC-1
2	2.3383	(.9206)	65122212	1.3644	(.5371)	.5077	(.1999)	1.2667	(.4987)	.4755	(.1872)	2
				SURFACE TO 700MB								
JAN-1	1.0650	(.4193)	57010915	.7280	(.2866)	.2038	(.0802)	.6713	(.2643)	.1993	(.0785)	JAN-1
2	.8712	(.3430)	65012012	.5766	(.2270)	.0556	(.0219)	.6396	(.2518)	.1107	(.0436)	2
FEB-1	.9639	(.3795)	68021012	.6827	(.2688)	.1624	(.0639)	.6514	(.2564)	.2105	(.0829)	FEB-1
2	1.0820	(.4260)	59021812	.7852	(.3091)	.1754	(.0690)	.6586	(.2593)	.2313	(.0911)	2
MAR-1	.7460	(.2937)	65031112	.5856	(.2306)	.1648	(.0649)	.5569	(.2193)	.1199	(.0472)	MAR-1
2	.7833	(.3084)	58031800	.6156	(.2423)	.1896	(.0747)	.6015	(.2368)	.1540	(.0606)	2
APR-1	.8065	(.3175)	59041412	.6075	(.2392)	.1206	(.0475)	.6033	(.2375)	.1693	(.0667)	APR-1
2	1.0856	(.4274)	58041612	.7564	(.2978)	.1149	(.0452)	.7006	(.2758)	.1982	(.0780)	2
MAY-1	.9657	(.3802)	57050603	.8297	(.3267)	.1938	(.0763)	.7920	(.3118)	.0720	(.0284)	MAY-1
2	1.2207	(.4806)	58053100	.8821	(.3473)	.2549	(.1004)	.8017	(.3156)	.1895	(.0746)	2
JUN-1	1.4897	(.5865)	55061315	1.1159	(.4393)	.1193	(.0470)	1.0514	(.4139)	.2239	(.0882)	JUN-1
2	1.8001	(.7087)	58062100	1.4653	(.5769)	.4312	(.1698)	1.3257	(.5219)	.2529	(.0996)	2
JUL-1	1.9903	(.7836)	58070200	1.8077	(.7117)	.1858	(.0731)	1.6217	(.6385)	.1576	(.0621)	JUL-1
2	2.0721	(.8158)	69071812	1.8699	(.7362)	.1018	(.0401)	1.8161	(.7150)	.1426	(.0561)	2
AUG-1	2.2525	(.8868)	55080703	1.9467	(.7664)	.2788	(.1098)	1.8766	(.7388)	.1995	(.0786)	AUG-1
2	2.2200	(.8740)	55082803	1.9379	(.7629)	.2642	(.1040)	1.8682	(.7355)	.1580	(.0622)	2
SEP-1	2.1138	(.8322)	58091300	1.7563	(.6915)	.3246	(.1278)	1.6563	(.6521)	.2287	(.0900)	SEP-1
2	1.6487	(.6491)	58092312	1.3862	(.5458)	.1923	(.0757)	1.3272	(.5225)	.1549	(.0610)	2
OCT-1	1.6574	(.6525)	58109900	1.4896	(.5864)	.1732	(.0682)	1.0983	(.4324)	.2372	(.0934)	OCT-1
2	1.5286	(.6018)	64101612	1.1551	(.4548)	.2202	(.0867)	1.0216	(.4022)	.3129	(.1232)	2
NOV-1	1.1270	(.4437)	64111012	.7979	(.3141)	.1411	(.0555)	.7823	(.3080)	.1526	(.0601)	NOV-1
2	1.2659	(.4984)	65112512	.8019	(.3157)	.1854	(.0730)	.7578	(.2983)	.2080	(.0819)	2
DEC-1	1.1631	(.4579)	65120912	.7175	(.2825)	.0656	(.0258)	.7388	(.2909)	.2619	(.1031)	DEC-1
2	1.1316	(.4455)	57121600	.8183	(.3222)	.2386	(.0939)	.7377	(.2904)	.2641	(.1040)	2
				SURFACE TO 850MB								
JAN-1	.0975	(.0384)	57011015	.0563	(.0222)	.0198	(.0078)	.0459	(.0181)	.0212	(.0083)	JAN-1
2	.0681	(.0268)	65011712	.0371	(.0146)	.0125	(.0049)	.0407	(.0160)	.0104	(.0041)	2
FEB-1	.0729	(.0287)	57020915	.0422	(.0166)	.0150	(.0059)	.0384	(.0151)	.0163	(.0064)	FEB-1
2	.0714	(.0281)	59021712	.0493	(.0194)	.0137	(.0054)	.0382	(.0150)	.0184	(.0073)	2
MAR-1	.0544	(.0214)	55031203	.0332	(.0131)	.0140	(.0055)	.0300	(.0118)	.0109	(.0043)	MAR-1
2	.0541	(.0213)	57032115	.0294	(.0116)	.0027	(.0011)	.0321	(.0126)	.0106	(.0042)	2
APR-1	.0457	(.0180)	66041512	.0259	(.0102)	.0083	(.0032)	.0312	(.0123)	.0066	(.0026)	APR-1
2	.0678	(.0267)	59042712	.0314	(.0124)	.0089	(.0035)	.0372	(.0147)	.0186	(.0073)	2
MAY-1	.0754	(.0297)	55050703	.0460	(.0181)	.0219	(.0086)	.0430	(.0169)	.0118	(.0046)	MAY-1
2	.0881	(.0347)	56051915	.0401	(.0158)	.0209	(.0082)	.0462	(.0182)	.0199	(.0079)	2
JUN-1	.0919	(.0362)	56061215	.0507	(.0200)	.0192	(.0076)	.0517	(.0204)	.0239	(.0094)	JUN-1
2	.1285	(.0506)	58062100	.1024	(.0403)	.0401	(.0158)	.0788	(.0310)	.0226	(.0089)	2
JUL-1	.1618	(.0637)	56071515	.1247	(.0491)	.0190	(.0075)	.1235	(.0486)	.0287	(.0113)	JUL-1
2	.1722	(.0678)	58072912	.1259	(.0495)	.0224	(.0088)	.1383	(.0544)	.0182	(.0072)	2
AUG-1	.2141	(.0843)	55080715	.1568	(.0617)	.0445	(.0175)	.1480	(.0583)	.0318	(.0125)	AUG-1
2	.1715	(.0675)	56081803	.1400	(.0551)	.0276	(.0109)	.1327	(.0523)	.0252	(.0099)	2
SEP-1	.1689	(.0665)	58090500	.1412	(.0556)	.0395	(.0155)	.1203	(.0474)	.0224	(.0088)	SEP-1
2	.1044	(.0411)	56091615	.0688	(.0271)	.0030	(.0012)	.0794	(.0313)	.0191	(.0075)	2
OCT-1	.1288	(.0507)	58101200	.0970	(.0382)	.0302	(.0119)	.0742	(.0292)	.0276	(.0109)	OCT-1
2	.1044	(.0411)	57103012	.0782	(.0308)	.0169	(.0066)	.0636	(.0250)	.0223	(.0088)	2
NOV-1	.0904	(.0356)	58110100	.0547	(.0215)	.0262	(.0103)	.0557	(.0219)	.0178	(.0070)	NOV-1
2	.1052	(.0414)	56112403	.0673	(.0265)	.0292	(.0115)	.0485	(.0191)	.0218	(.0086)	2
DEC-1	.0714	(.0281)	56121003	.0572	(.0225)	.0132	(.0052)	.0441	(.0173)	.0173	(.0068)	DEC-1
2	.1024	(.0403)	57121600	.0637	(.0251)	.0266	(.0105)	.0447	(.0176)	.0155	(.0061)	2

FT. SMITH, ARK. 11 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.5270	(1.3886)	55010515	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	3.1493	(1.2399)	54012615	1.7852	(.7028)	.2567	(.1010)	2.4912	(.9808)	.9307	(.3664)	2
FEB-1	2.5324	(.9970)	57021515	1.4780	(.5819)	.7504	(.2954)	1.5449	(.6082)	.7995	(.3148)	FEB-1
2	3.2911	(1.2957)	59022300	2.3761	(.9355)	.7462	(.2938)	2.3359	(.9196)	.7025	(.2766)	2
MAR-1	3.4102	(1.3426)	55031515	2.6867	(1.0578)	.4720	(.1858)	2.5695	(1.0116)	.5536	(.2180)	MAR-1
2	4.0450	(1.5925)	54032315	2.9361	(1.1560)	.4409	(.1736)	2.7059	(1.0653)	.5968	(.2349)	2
APR-1	3.6665	(1.4435)	54041415	2.7302	(1.0749)	.4311	(.1697)	2.9303	(1.1536)	.4942	(.1946)	APR-1
2	4.2581	(1.6764)	54042803	3.3902	(1.3347)	.4135	(.1628)	3.3192	(1.3068)	.2631	(.1036)	2
MAY-1	4.5616	(1.7959)	58050300	3.8045	(1.4978)	.5501	(.2166)	3.8391	(1.5115)	.3117	(.1227)	MAY-1
2	4.7239	(1.8598)	55052803	3.9194	(1.5431)	.6155	(.2423)	3.9342	(1.5489)	.2082	(.0819)	2
JUN-1	5.4681	(2.1528)	54060715	4.6481	(1.8299)	.5471	(.2154)	4.4948	(1.7696)	.4384	(.1726)	JUN-1
2	5.4955	(2.1636)	57063012	4.9982	(1.9678)	.3139	(.1236)	5.0406	(1.9845)	.3325	(.1309)	2
JUL-1	5.7470	(2.2626)	53070703	5.3430	(2.1035)	.3071	(.1209)	4.8655	(1.9156)	.4025	(.1585)	JUL-1
2	6.3650	(2.5059)	53072015	5.5104	(2.1694)	.4129	(.1626)	5.4916	(2.1620)	.5195	(.2045)	2
AUG-1	6.0828	(2.3948)	55080415	5.1906	(2.0436)	.3429	(.1350)	5.3931	(2.1232)	.5490	(.2161)	AUG-1
2	5.6373	(2.2194)	59082712	5.0843	(2.0017)	.1097	(.0432)	5.2660	(2.0732)	.2275	(.0896)	2
SEP-1	5.5298	(2.1771)	58091100	4.3263	(1.7033)	.7822	(.3079)	4.3926	(1.7294)	.7919	(.3118)	SEP-1
2	5.6119	(2.2094)	58092312	4.5312	(1.7839)	.8531	(.3359)	4.5919	(1.8078)	.9933	(.3911)	2
OCT-1	5.5847	(2.1987)	54100203	4.7696	(1.8778)	1.1527	(.4538)	4.7230	(1.8595)	.9668	(.3806)	OCT-1
2	3.7305	(1.4687)	54102515	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	2.6769	(1.0539)	54110403	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	2.4310	(.9571)	54112703	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	2.8044	(1.1041)	54121115	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	3.0190	(1.1886)	54122715	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
				SURFACE TO 700MB								
JAN-1	2.6822	(1.0560)	55010515	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	2.5400	(1.0000)	54012615	1.3652	(.5375)	.1300	(.0512)	1.9150	(.7539)	.8838	(.3480)	2
FEB-1	2.0734	(.8163)	57021515	.9685	(.3813)	.7082	(.2788)	1.2452	(.4902)	.6209	(.2444)	FEB-1
2	2.5801	(1.0158)	55022803	1.8254	(.7187)	.6415	(.2526)	1.8522	(.7292)	.4313	(.1698)	2
MAR-1	2.8301	(1.1142)	55031515	2.1050	(.8288)	.4153	(.1635)	2.0854	(.8210)	.5300	(.2087)	MAR-1
2	3.0429	(1.1980)	54032315	2.4060	(.9472)	.3332	(.1312)	2.1578	(.8495)	.4597	(.1810)	2
APR-1	2.9065	(1.1443)	54040603	2.2797	(.8975)	.3323	(.1308)	2.3485	(.9246)	.3945	(.1553)	APR-1
2	3.4148	(1.3444)	54042803	2.7932	(1.0997)	.3089	(.1216)	2.7136	(1.0684)	.1625	(.0640)	2
MAY-1	3.5425	(1.3947)	61050800	3.0488	(1.2003)	.3716	(.1463)	3.0164	(1.1875)	.2268	(.0893)	MAY-1
2	3.9378	(1.5503)	55052803	3.2452	(1.2777)	.5358	(.2109)	2.9739	(1.1708)	.5066	(.1995)	2
JUN-1	4.3749	(1.7224)	58061200	3.7374	(1.4714)	.5509	(.2169)	3.4800	(1.3701)	.2904	(.1143)	JUN-1
2	4.3170	(1.6996)	57063012	3.7084	(1.4600)	.3075	(.1210)	3.7787	(1.4877)	.3415	(.1345)	2
JUL-1	4.4153	(1.7383)	53070903	4.0886	(1.6097)	.2658	(.1047)	3.7053	(1.4588)	.2239	(.0881)	JUL-1
2	4.4508	(1.7523)	53072103	4.1668	(1.6405)	.2912	(.1146)	4.1019	(1.6149)	.2031	(.0800)	2
AUG-1	4.5154	(1.7777)	55081015	4.0870	(1.6091)	.2979	(.1173)	4.0427	(1.5916)	.3100	(.1221)	AUG-1
2	4.0889	(1.6098)	59082900	3.8663	(1.5222)	.1320	(.0519)	3.8743	(1.5253)	.1199	(.0472)	2
SEP-1	4.0216	(1.5833)	58091100	3.2980	(1.2984)	.4764	(.1876)	3.4202	(1.3465)	.2919	(.1149)	SEP-1
2	3.9395	(1.5510)	58092312	3.4682	(1.3654)	.4564	(.1797)	3.5830	(1.4106)	.5488	(.2161)	2
OCT-1	4.0363	(1.5891)	54100203	3.6849	(1.4507)	.4970	(.1957)	3.5204	(1.3860)	.5108	(.2011)	OCT-1
2	2.9393	(1.1572)	54102515	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	1.7683	(.6962)	54110403	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	2.0945	(.8246)	54111815	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	2.1257	(.8369)	54120503	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	2.8415	(1.1187)	54122803	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
				SURFACE TO 850MB								
JAN-1	1.6444	(.6474)	55010415	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	1.5105	(.5947)	54012615	.8745	(.3443)	.1839	(.0724)	1.2013	(.4729)	.4373	(.1722)	2
FEB-1	1.3579	(.5346)	54021503	.5920	(.2331)	.4714	(.1856)	.7503	(.2954)	.3698	(.1456)	FEB-1
2	1.5514	(.6108)	55022803	.9931	(.3910)	.3967	(.1562)	1.0254	(.4037)	.3132	(.1233)	2
MAR-1	1.6187	(.6373)	61030512	1.1437	(.4503)	.3259	(.1283)	1.2528	(.4932)	.3164	(.1246)	MAR-1
2	1.6761	(.6599)	54032503	1.3748	(.5413)	.2205	(.0868)	1.2680	(.4992)	.2110	(.0831)	2
APR-1	1.9248	(.7578)	54040703	1.3911	(.5477)	.2732	(.1075)	1.4117	(.5558)	.2657	(.1046)	APR-1
2	2.0239	(.7968)	54042803	1.6977	(.6684)	.1863	(.0733)	1.7049	(.6712)	.1203	(.0474)	2
MAY-1	1.9759	(.7779)	61050800	1.7843	(.7025)	.1320	(.0520)	1.8079	(.7118)	.0963	(.0379)	MAY-1
2	2.3777	(.9361)	53052803	2.0122	(.7922)	.2934	(.1155)	1.8996	(.7479)	.2878	(.1133)	2
JUN-1	2.6843	(1.0568)	53060703	2.2275	(.8770)	.3856	(.1518)	2.1372	(.8414)	.1651	(.0650)	JUN-1
2	2.5778	(1.0149)	57063012	2.1985	(.8655)	.2047	(.0806)	2.2490	(.8854)	.2307	(.0908)	2
JUL-1	2.4930	(.9815)	53070903	2.3396	(.9211)	.1495	(.0589)	2.2688	(.8932)	.1091	(.0429)	JUL-1
2	2.6822	(1.0560)	58072500	2.4360	(.9590)	.2205	(.0868)	2.4411	(.9610)	.1789	(.0704)	2
AUG-1	2.7955	(1.1006)	59080100	2.4270	(.9555)	.2850	(.1122)	2.3712	(.9335)	.1389	(.0547)	AUG-1
2	2.5057	(.9865)	59082900	2.2812	(.8981)	.1626	(.0640)	2.2894	(.9013)	.0466	(.0183)	2
SEP-1	2.2664	(.8923)	58091100	1.9817	(.7802)	.2269	(.0893)	2.0087	(.7908)	.0967	(.0381)	SEP-1
2	2.3785	(.9364)	54091815	2.0444	(.8049)	.2529	(.0996)	2.1881	(.8614)	.1958	(.0771)	2
OCT-1	2.3406	(.9215)	54100615	2.1862	(.8607)	.1854	(.0730)	2.1445	(.8443)	.2773	(.1092)	OCT-1
2	1.7788	(.7003)	54102515	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	1.0996	(.4329)	54111403	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	1.2723	(.5009)	54111803	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	1.4211	(.5595)	54120503	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	1.5751	(.6201)	54122803	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2

FORT WORTH, TEX. 23 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.9952	(1.5729)	71011312	2.4085	(.9482)	.6328	(.2491)	2.5204	(.9923)	.6723	(.2647)	JAN-1
2	3.5540	(1.3992)	69012912	2.4168	(.9515)	.5833	(.2296)	2.4255	(.9549)	.6044	(.2380)	2
FEB-1	3.8656	(1.5219)	59021400	2.5010	(.9847)	.4752	(.1871)	2.4436	(.9620)	.4379	(.1724)	FEB-1
2	3.5448	(1.3956)	55022615	2.3406	(.9215)	.5400	(.2126)	2.4062	(.9473)	.6474	(.2549)	2
MAR-1	3.9624	(1.5600)	53031403	2.6204	(1.0316)	.5266	(.2073)	2.5674	(1.0108)	.4075	(.1604)	MAR-1
2	3.8773	(1.5265)	54032315	2.8020	(1.1032)	.4530	(.1783)	2.9739	(1.1708)	.4598	(.1810)	2
APR-1	4.2042	(1.6552)	54041203	3.0838	(1.2141)	.5498	(.2164)	3.1193	(1.2281)	.5324	(.2096)	APR-1
2	4.4026	(1.7333)	64042300	3.5530	(1.3988)	.4585	(.1805)	3.3881	(1.3339)	.4526	(.1782)	2
MAY-1	4.9787	(1.9601)	64050612	3.8054	(1.4982)	.5641	(.2221)	3.7767	(1.4869)	.5028	(.1979)	MAY-1
2	4.7818	(1.8826)	70053100	4.0458	(1.5928)	.3294	(.1297)	3.9280	(1.5464)	.3166	(.1247)	2
JUN-1	5.3868	(2.1208)	58061512	4.2225	(1.6624)	.4126	(.1624)	4.2411	(1.6697)	.4512	(.1776)	JUN-1
2	6.2601	(2.4646)	58061600	4.6675	(1.8376)	.6173	(.2430)	4.6800	(1.8425)	.4601	(.1811)	2
JUL-1	5.6111	(2.2091)	52070415	4.4921	(1.7685)	.4329	(.1705)	4.7307	(1.8625)	.3449	(.1358)	JUL-1
2	6.1168	(2.4082)	53072015	4.9238	(1.9385)	.5541	(.2181)	5.0915	(2.0045)	.5239	(.2063)	2
AUG-1	5.5977	(2.2038)	55081115	4.6887	(1.8459)	.4817	(.1896)	4.8088	(1.8932)	.3962	(.1560)	AUG-1
2	5.5669	(2.1917)	58082112	4.9187	(1.9365)	.3738	(.1471)	4.9041	(1.9308)	.4061	(.1599)	2
SEP-1	6.0312	(2.3745)	61091300	4.6821	(1.8434)	.5798	(.2283)	4.6353	(1.8249)	.5145	(.2025)	SEP-1
2	5.7221	(2.2528)	59092900	4.5752	(1.8013)	.6262	(.2465)	4.6104	(1.8151)	.5543	(.2182)	2
OCT-1	5.2906	(2.0829)	54100103	3.9059	(1.5378)	.6920	(.2724)	4.1217	(1.6227)	.8018	(.3157)	OCT-1
2	4.7005	(1.8506)	72102200	3.5558	(1.3999)	.7615	(.2998)	3.4625	(1.3632)	.7614	(.2998)	2
NOV-1	4.3609	(1.7169)	64111512	3.2248	(1.2696)	.5844	(.2301)	3.2151	(1.2658)	.5783	(.2277)	NOV-1
2	4.6492	(1.8304)	58111612	2.9742	(1.1709)	.5803	(.2285)	3.0328	(1.1940)	.5911	(.2327)	2
DEC-1	3.9319	(1.5480)	65121100	2.7504	(1.0828)	.5446	(.2144)	2.7576	(1.0857)	.4764	(.1876)	DEC-1
2	3.6830	(1.4500)	62122012	2.5644	(1.0096)	.5123	(.2017)	2.5406	(1.0002)	.4713	(.1856)	2
				SURFACE TO 700MB								
JAN-1	2.8334	(1.1155)	60011212	1.8531	(.7296)	.4502	(.1772)	1.9436	(.7652)	.4970	(.1957)	JAN-1
2	2.8357	(1.1164)	54012615	1.9038	(.7495)	.4368	(.1720)	1.8755	(.7384)	.4258	(.1676)	2
FEB-1	2.7567	(1.0853)	59021400	1.9829	(.7807)	.3606	(.1420)	1.8823	(.7410)	.2951	(.1162)	FEB-1
2	2.7140	(1.0685)	55022615	1.8440	(.7260)	.4252	(.1674)	1.8724	(.7372)	.4709	(.1854)	2
MAR-1	3.1968	(1.2586)	53031403	2.1499	(.8464)	.4734	(.1864)	2.0444	(.8049)	.3963	(.1560)	MAR-1
2	3.0335	(1.1943)	54032315	2.2561	(.8882)	.3399	(.1338)	2.3486	(.9246)	.3497	(.1377)	2
APR-1	3.3498	(1.3188)	65041112	2.4952	(.9824)	.4676	(.1841)	2.4952	(.9824)	.4138	(.1629)	APR-1
2	3.4648	(1.3641)	70042400	2.8870	(1.1366)	.2827	(.1113)	2.7291	(1.0744)	.3081	(.1213)	2
MAY-1	3.8936	(1.5329)	64050612	3.0671	(1.2075)	.4045	(.1593)	3.0472	(1.1997)	.3987	(.1570)	MAY-1
2	3.7142	(1.4623)	57052603	3.3170	(1.3059)	.2398	(.0944)	3.1486	(1.2396)	.2371	(.0934)	2
JUN-1	3.8077	(1.4991)	65061512	3.4145	(1.3443)	.2198	(.0865)	3.3757	(1.3290)	.2573	(.1013)	JUN-1
2	4.7287	(1.8617)	58061600	3.6140	(1.4228)	.3562	(.1403)	3.5805	(1.4097)	.2908	(.1145)	2
JUL-1	4.4905	(1.7679)	52070415	3.4479	(1.3574)	.3196	(.1258)	3.6395	(1.4329)	.2508	(.0988)	JUL-1
2	4.3152	(1.6989)	66072512	3.6926	(1.4538)	.3223	(.1269)	3.7480	(1.4756)	.2712	(.1068)	2
AUG-1	4.1813	(1.6462)	57080200	3.5454	(1.3958)	.3145	(.1238)	3.5817	(1.4101)	.2236	(.0880)	AUG-1
2	4.2423	(1.6702)	58081800	3.6664	(1.4435)	.2998	(.1180)	3.6770	(1.4476)	.2687	(.1058)	2
SEP-1	3.9157	(1.5416)	70090100	3.5095	(1.3817)	.2346	(.0924)	3.5154	(1.3840)	.2291	(.0902)	SEP-1
2	4.0241	(1.5843)	58092400	3.4315	(1.3510)	.3739	(.1472)	3.4841	(1.3717)	.2608	(.1027)	2
OCT-1	3.9025	(1.5364)	55100103	3.1205	(1.2286)	.4844	(.1907)	3.1786	(1.2514)	.5268	(.2074)	OCT-1
2	3.5463	(1.3962)	71101812	2.7554	(1.0848)	.5455	(.2148)	2.6935	(1.0604)	.5766	(.2270)	2
NOV-1	3.4011	(1.3390)	64111512	2.5468	(1.0027)	.4042	(.1591)	2.5281	(.9953)	.4151	(.1636)	NOV-1
2	3.3325	(1.3120)	58111612	2.3609	(.9295)	.4520	(.1779)	2.3879	(.9401)	.4108	(.1617)	2
DEC-1	2.8517	(1.1227)	65121100	2.1573	(.8493)	.4033	(.1588)	2.1531	(.8477)	.3165	(.1246)	DEC-1
2	2.6805	(1.0553)	62122012	2.0782	(.8182)	.3768	(.1483)	2.0704	(.8151)	.3403	(.1340)	2
				SURFACE TO 850MB								
JAN-1	1.6307	(.6420)	55010403	1.1386	(.4483)	.2922	(.1150)	1.1562	(.4552)	.2818	(.1110)	JAN-1
2	1.6886	(.6648)	54012615	1.1831	(.4658)	.3087	(.1215)	1.1827	(.4656)	.2638	(.1038)	2
FEB-1	1.6170	(.6366)	57020803	1.1819	(.4653)	.2000	(.0787)	1.1954	(.4706)	.1885	(.0742)	FEB-1
2	1.5855	(.6242)	51022815	1.1496	(.4526)	.2608	(.1027)	1.1244	(.4427)	.2898	(.1141)	2
MAR-1	1.8090	(.7122)	53031403	1.2831	(.5052)	.2662	(.1048)	1.2703	(.5001)	.2863	(.1127)	MAR-1
2	1.7899	(.7047)	53032703	1.4017	(.5518)	.2351	(.0926)	1.4410	(.5673)	.1780	(.0701)	2
APR-1	1.9713	(.7761)	65041400	1.4973	(.5895)	.2639	(.1039)	1.5050	(.5925)	.2003	(.0789)	APR-1
2	2.0178	(.7944)	70042300	1.7571	(.6918)	.1712	(.0674)	1.7198	(.6771)	.1662	(.0655)	2
MAY-1	2.1562	(.8489)	50050703	1.8719	(.7370)	.1900	(.0748)	1.8995	(.7478)	.1540	(.0606)	MAY-1
2	2.3386	(.9207)	53052203	1.9691	(.7752)	.1440	(.0567)	1.9339	(.7614)	.1241	(.0489)	2
JUN-1	2.3078	(.9086)	51061003	2.0246	(.7971)	.1480	(.0583)	2.0641	(.8126)	.1197	(.0471)	JUN-1
2	2.8082	(1.1056)	58061600	2.1394	(.8423)	.2342	(.0922)	2.1572	(.8493)	.1251	(.0492)	2
JUL-1	2.5192	(.9918)	52070415	2.0196	(.7951)	.1845	(.0726)	2.1571	(.8493)	.1297	(.0511)	JUL-1
2	2.4935	(.9817)	52071915	2.1240	(.8362)	.1934	(.0761)	2.1847	(.8601)	.1569	(.0618)	2
AUG-1	2.2987	(.9050)	55080415	2.0065	(.7900)	.1641	(.0646)	2.1079	(.8299)	.1208	(.0476)	AUG-1
2	2.3703	(.9332)	60082312	2.1043	(.8284)	.1603	(.0631)	2.1624	(.8513)	.1009	(.0397)	2
SEP-1	2.2606	(.8900)	62091312	2.0036	(.7888)	.1339	(.0527)	2.0903	(.8230)	.1268	(.0499)	SEP-1
2	2.3233	(.9147)	58092312	1.9882	(.7828)	.1921	(.0756)	2.0679	(.8141)	.1463	(.0576)	2
OCT-1	2.4077	(.9479)	54100203	1.8626	(.7333)	.2862	(.1127)	1.9233	(.7572)	.2852	(.1123)	OCT-1
2	2.0287	(.7987)	51102703	1.6488	(.6491)	.2695	(.1061)	1.6405	(.6459)	.2642	(.1040)	2
NOV-1	1.9746	(.7774)	64111512	1.4983	(.5899)	.2507	(.0987)	1.5785	(.6215)	.2156	(.0849)	NOV-1
2	1.8887	(.7436)	58111700	1.4527	(.5719)	.2739	(.1078)	1.4714	(.5793)	.2775	(.1093)	2
DEC-1	1.6777	(.6605)	56120615	1.2720	(.5008)	.2421	(.0953)	1.2794	(.5037)	.2561	(.1008)	DEC-1
2	1.6500	(.6496)	71122712	1.2641	(.4977)	.2474	(.0974)	1.2683	(.4993)	.2493	(.0982)	2

GLASGOW, MONT. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED: MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MEAN 12Z(15Z) CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.5428	(.6074)	62010312	1.0943	(.4308)	.2308	(.0909)	1.0869	(.4279)	.2291	(.0902)	JAN-1
2	1.6883	(.6647)	71012000	1.1164	(.4395)	.2719	(.1071)	1.0936	(.4305)	.2331	(.0918)	2
FEB-1	1.5766	(.6207)	47021315	1.0814	(.4257)	.2213	(.0871)	1.1020	(.4338)	.2199	(.0866)	FEB-1
2	1.5573	(.6131)	57022703	1.0803	(.4253)	.2593	(.1021)	1.0397	(.4093)	.2098	(.0826)	2
MAR-1	1.7968	(.7074)	72031312	1.0130	(.3988)	.2076	(.0817)	1.0331	(.4067)	.2364	(.0931)	MAR-1
2	1.6406	(.6459)	63032900	1.1928	(.4696)	.2093	(.0824)	1.1881	(.4678)	.1770	(.0697)	2
APR-1	1.7998	(.7086)	46041315	1.3094	(.5155)	.1980	(.0780)	1.3283	(.5229)	.2167	(.0853)	APR-1
2	2.1344	(.8403)	57042315	1.5544	(.6120)	.2690	(.1059)	1.5901	(.6260)	.2863	(.1127)	2
MAY-1	2.3848	(.9389)	52050303	1.7242	(.6788)	.2245	(.0884)	1.7581	(.6922)	.2433	(.0958)	MAY-1
2	2.9517	(1.1621)	56052803	2.1644	(.8521)	.3248	(.1279)	2.2240	(.8756)	.3207	(.1262)	2
JUN-1	3.7455	(1.4746)	72060812	2.5129	(.9893)	.3615	(.1423)	2.6262	(1.0340)	.3194	(.1257)	JUN-1
2	3.2603	(1.2836)	54062703	2.6282	(1.0347)	.3738	(.1472)	2.6518	(1.0440)	.3543	(.1395)	2
JUL-1	3.7188	(1.4641)	64071012	2.8718	(1.1306)	.4205	(.1656)	3.0147	(1.1869)	.4345	(.1711)	JUL-1
2	4.0399	(1.5905)	51072915	2.7535	(1.0841)	.5050	(.1988)	2.9799	(1.1732)	.3606	(.1420)	2
AUG-1	3.9675	(1.5620)	51080415	2.7599	(1.0866)	.4296	(.1691)	2.8663	(1.1285)	.4768	(.1877)	AUG-1
2	3.7567	(1.4790)	72082012	2.6464	(1.0419)	.4347	(.1711)	2.6958	(1.0613)	.4015	(.1581)	2
SEP-1	3.2695	(1.2872)	60090212	2.2760	(.8961)	.2977	(.1172)	2.3256	(.9156)	.3693	(.1454)	SEP-1
2	2.7351	(1.0768)	61091712	1.9898	(.7834)	.3258	(.1283)	2.0596	(.8109)	.3564	(.1403)	2
OCT-1	2.5273	(.9950)	67100312	1.8257	(.7188)	.3077	(.1212)	1.8664	(.7348)	.2892	(.1138)	OCT-1
2	2.1397	(.8424)	63102400	1.6360	(.6441)	.2191	(.0863)	1.5936	(.6274)	.1820	(.0717)	2
NOV-1	1.8603	(.7324)	67111512	1.3734	(.5407)	.1729	(.0681)	1.3884	(.5466)	.2181	(.0859)	NOV-1
2	1.8209	(.7169)	54112215	1.3254	(.5218)	.1938	(.0763)	1.3346	(.5254)	.2234	(.0880)	2
DEC-1	1.6053	(.6320)	46120603	1.1965	(.4711)	.2165	(.0853)	1.1752	(.4627)	.1992	(.0784)	DEC-1
2	1.7216	(.6778)	72121812	1.2011	(.4729)	.1924	(.0757)	1.1356	(.4471)	.2521	(.0993)	2
				SURFACE TO 700MB								
JAN-1	.9568	(.3767)	48010703	.7051	(.2776)	.1342	(.0528)	.6886	(.2711)	.1252	(.0493)	JAN-1
2	1.0678	(.4204)	68012400	.7093	(.2792)	.1658	(.0653)	.6845	(.2695)	.1594	(.0628)	2
FEB-1	1.0881	(.4284)	62020300	.7191	(.2831)	.1635	(.0644)	.7123	(.2804)	.1488	(.0586)	FEB-1
2	1.0246	(.4034)	57022703	.7156	(.2817)	.1612	(.0635)	.7034	(.2769)	.1228	(.0484)	2
MAR-1	1.1681	(.4599)	54031003	.6965	(.2742)	.1473	(.0580)	.6874	(.2706)	.1337	(.0526)	MAR-1
2	1.0693	(.4210)	72032000	.8060	(.3173)	.1328	(.0523)	.8089	(.3185)	.1314	(.0517)	2
APR-1	1.1539	(.4543)	69041312	.8865	(.3490)	.1191	(.0469)	.8875	(.3494)	.1348	(.0531)	APR-1
2	1.5657	(.6164)	64042600	1.0262	(.4040)	.1949	(.0767)	1.0761	(.4237)	.2102	(.0828)	2
MAY-1	1.5740	(.6197)	52050303	1.1733	(.4619)	.1714	(.0675)	1.1778	(.4637)	.1759	(.0692)	MAY-1
2	1.9715	(.7762)	56052803	1.4761	(.5811)	.2454	(.0966)	1.4678	(.5779)	.2061	(.0811)	2
JUN-1	2.5679	(1.0110)	72060812	1.7708	(.6972)	.2575	(.1014)	1.8074	(.7116)	.2622	(.1032)	JUN-1
2	2.5944	(1.0214)	53063015	1.7963	(.7072)	.2862	(.1127)	1.8262	(.7190)	.2698	(.1062)	2
JUL-1	2.7767	(1.0932)	63070712	1.9937	(.7849)	.2928	(.1153)	2.0520	(.8079)	.3168	(.1247)	JUL-1
2	2.6449	(1.0413)	55072103	1.9559	(.7700)	.3026	(.1191)	1.9964	(.7860)	.1831	(.0721)	2
AUG-1	2.4082	(.9481)	51080415	1.8944	(.7458)	.3073	(.1210)	1.9391	(.7634)	.2842	(.1119)	AUG-1
2	2.6055	(1.0258)	72082012	1.8225	(.7175)	.2956	(.1164)	1.8731	(.7374)	.2919	(.1149)	2
SEP-1	2.3416	(.9219)	60090212	1.5600	(.6142)	.2268	(.0893)	1.5602	(.6142)	.2477	(.0975)	SEP-1
2	2.0838	(.8204)	48092603	1.3612	(.5359)	.2392	(.0942)	1.3563	(.5340)	.2284	(.0899)	2
OCT-1	1.6134	(.6352)	51100203	1.1741	(.4622)	.1986	(.0782)	1.1820	(.4654)	.1609	(.0634)	OCT-1
2	1.3708	(.5397)	63102100	1.0455	(.4116)	.1480	(.0583)	1.0441	(.4111)	.1241	(.0488)	2
NOV-1	1.1930	(.4697)	67111512	.8854	(.3486)	.1096	(.0432)	.9119	(.3590)	.1316	(.0518)	NOV-1
2	1.1478	(.4519)	54112215	.8456	(.3329)	.1097	(.0432)	.8484	(.3340)	.1140	(.0449)	2
DEC-1	1.0485	(.4128)	58120312	.7788	(.3066)	.1190	(.0468)	.7499	(.2952)	.1309	(.0515)	DEC-1
2	1.0493	(.4131)	72121812	.7626	(.3002)	.1175	(.0463)	.7474	(.2942)	.1578	(.0621)	2
				SURFACE TO 850MB								
JAN-1	.3830	(.1508)	48010803	.2841	(.1118)	.0499	(.0197)	.2670	(.1051)	.0528	(.0208)	JAN-1
2	.4539	(.1787)	68012112	.2791	(.1099)	.0720	(.0284)	.2672	(.1052)	.0768	(.0302)	2
FEB-1	.4442	(.1749)	62020300	.2928	(.1153)	.0762	(.0300)	.2820	(.1110)	.0756	(.0298)	FEB-1
2	.4094	(.1612)	50022615	.2917	(.1148)	.0591	(.0233)	.2905	(.1144)	.0617	(.0243)	2
MAR-1	.4648	(.1830)	54031003	.2828	(.1114)	.0679	(.0267)	.2678	(.1054)	.0559	(.0220)	MAR-1
2	.5027	(.1979)	72032000	.3356	(.1321)	.0614	(.0242)	.3279	(.1291)	.0549	(.0216)	2
APR-1	.5367	(.2113)	69041212	.3648	(.1436)	.0581	(.0229)	.3647	(.1436)	.0567	(.0223)	APR-1
2	.5827	(.2294)	51043015	.4117	(.1621)	.0814	(.0321)	.4225	(.1663)	.0802	(.0316)	2
MAY-1	.6970	(.2744)	52050315	.4788	(.1885)	.0760	(.0299)	.4861	(.1914)	.0834	(.0328)	MAY-1
2	.8291	(.3264)	56052803	.5975	(.2352)	.1105	(.0435)	.6223	(.2450)	.0974	(.0383)	2
JUN-1	1.2512	(.4926)	53061215	.7438	(.2928)	.1394	(.0549)	.7819	(.3079)	.1399	(.0551)	JUN-1
2	1.0102	(.3977)	59061800	.7551	(.2973)	.1122	(.0442)	.7643	(.3009)	.1070	(.0421)	2
JUL-1	1.1356	(.4471)	46071515	.8651	(.3406)	.1375	(.0541)	.8823	(.3474)	.1335	(.0526)	JUL-1
2	1.1623	(.4576)	65072200	.8450	(.3327)	.1482	(.0583)	.8956	(.3526)	.0902	(.0355)	2
AUG-1	1.0846	(.4270)	47080803	.8067	(.3176)	.1536	(.0605)	.8600	(.3386)	.1179	(.0464)	AUG-1
2	1.1364	(.4474)	72081800	.7769	(.3059)	.1490	(.0587)	.8242	(.3245)	.1140	(.0449)	2
SEP-1	1.0193	(.4013)	60090212	.6620	(.2606)	.1109	(.0437)	.6788	(.2673)	.1158	(.0456)	SEP-1
2	.8725	(.3435)	48092603	.5616	(.2211)	.1140	(.0449)	.5741	(.2260)	.0893	(.0352)	2
OCT-1	.7043	(.2773)	63100612	.4815	(.1896)	.0889	(.0350)	.4943	(.1946)	.0847	(.0334)	OCT-1
2	.5354	(.2108)	53101703	.4247	(.1672)	.0619	(.0244)	.4247	(.1672)	.0580	(.0229)	2
NOV-1	.5395	(.2124)	62110300	.3571	(.1406)	.0589	(.0232)	.3608	(.1421)	.0527	(.0208)	NOV-1
2	.4343	(.1710)	54112215	.3308	(.1302)	.0381	(.0150)	.3328	(.1310)	.0475	(.0187)	2
DEC-1	.4100	(.1614)	46120715	.3065	(.1207)	.0488	(.0192)	.2930	(.1153)	.0520	(.0205)	DEC-1
2	.3960	(.1559)	62121612	.2836	(.1117)	.0617	(.0243)	.2890	(.1138)	.0763	(.0300)	2

GOODLAND, KANS. 9 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
APR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	2.1344	(.8403)	55051503	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	2.6492	(1.0430)	54051703	2.2276	(.8770)	.3800	(.1496)	1.9215	(.7565)	.2827	(.1113)	2
JUN-1	3.3746	(1.3286)	53061503	2.9046	(1.1435)	.2680	(.1055)	2.7435	(1.0801)	.3560	(.1402)	JUN-1
2	3.3652	(1.3249)	53061903	3.0102	(1.1851)	.3279	(.1291)	2.8715	(1.1305)	.2825	(.1112)	2
JUL-1	4.0658	(1.6007)	53071103	3.4061	(1.3410)	.3554	(.1399)	3.1120	(1.2252)	.3957	(.1558)	JUL-1
2	4.1829	(1.6468)	54072215	3.4971	(1.3768)	.4475	(.1762)	3.4974	(1.3769)	.3790	(.1492)	2
AUG-1	4.0157	(1.5810)	53080303	3.5868	(1.4121)	.3292	(.1296)	3.4521	(1.3591)	.2921	(.1150)	AUG-1
2	4.0289	(1.5862)	59082600	3.4159	(1.3448)	.3723	(.1466)	3.3343	(1.3127)	.2531	(.0997)	2
SEP-1	3.6297	(1.4290)	58091400	3.0398	(1.1968)	.5231	(.2059)	2.7165	(1.0695)	.5465	(.2152)	SEP-1
2	3.0950	(1.2185)	61091912	2.4175	(.9518)	.3749	(.1476)	2.4715	(.9730)	.4725	(.1860)	2
OCT-1	2.1605	(.8506)	54100203	1.9210	(.7563)	.3387	(.1334)	1.8566	(.7309)	.1015	(.0400)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
				SURFACE TO 700MB								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
APR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	1.4630	(.5760)	55051503	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	1.7681	(.6961)	61053000	1.5789	(.6216)	.1818	(.0716)	1.3027	(.5129)	.1171	(.0461)	2
JUN-1	2.1392	(.8422)	58060300	1.9184	(.7553)	.1678	(.0661)	1.7205	(.6773)	.0729	(.0287)	JUN-1
2	2.3396	(.9211)	54061903	2.0858	(.8212)	.2128	(.0838)	1.9033	(.7493)	.1509	(.0594)	2
JUL-1	2.4506	(.9648)	53071103	2.1661	(.8528)	.1805	(.0711)	2.0138	(.7928)	.1804	(.0710)	JUL-1
2	2.9027	(1.1428)	52072403	2.2234	(.8753)	.3627	(.1428)	2.1365	(.8412)	.1629	(.0641)	2
AUG-1	2.3957	(.9432)	61080300	2.1890	(.8618)	.1871	(.0737)	2.0752	(.8170)	.1599	(.0629)	AUG-1
2	2.4011	(.9453)	61081700	2.1768	(.8570)	.1303	(.0513)	2.0580	(.8102)	.1764	(.0695)	2
SEP-1	2.5705	(1.0120)	58091400	1.8976	(.7471)	.3908	(.1539)	1.7434	(.6864)	.2798	(.1101)	SEP-1
2	1.8052	(.7107)	60091712	1.4654	(.5769)	.1859	(.0732)	1.4862	(.5851)	.2733	(.1076)	2
OCT-1	1.6261	(.6402)	54100203	1.4070	(.5540)	.3098	(.1220)	1.3426	(.5286)	.0327	(.0129)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
				SURFACE TO 850MB								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
APR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	.4255	(.1675)	55051515	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	.5014	(.1974)	61053012	.3867	(.1523)	.0523	(.0206)	.3929	(.1547)	.0627	(.0247)	2
JUN-1	.5872	(.2312)	53061003	.4566	(.1798)	.0753	(.0296)	.4433	(.1745)	.0470	(.0185)	JUN-1
2	.5979	(.2354)	53063015	.4772	(.1879)	.0367	(.0144)	.4925	(.1939)	.0686	(.0270)	2
JUL-1	.6612	(.2603)	60070200	.5571	(.2193)	.0703	(.0277)	.5363	(.2111)	.0494	(.0194)	JUL-1
2	.8689	(.3421)	52072403	.5854	(.2305)	.1399	(.0551)	.6052	(.2383)	.0603	(.0238)	2
AUG-1	.6779	(.2669)	61081300	.5734	(.2257)	.0680	(.0268)	.5619	(.2212)	.0401	(.0158)	AUG-1
2	.6413	(.2525)	53081615	.5580	(.2197)	.0463	(.0182)	.5590	(.2201)	.0514	(.0202)	2
SEP-1	.5334	(.2100)	58090812	.4308	(.1696)	.0756	(.0298)	.4538	(.1786)	.0665	(.0262)	SEP-1
2	.4201	(.1654)	59091900	.3578	(.1409)	.0446	(.0175)	.3635	(.1431)	.0436	(.0172)	2
OCT-1	.3846	(.1514)	54100115	.3216	(.1266)	.0101	(.0040)	.3844	(.1513)	.0002	(.0001)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2

GRAND JUNCTION, COL. 26 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED				MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z)				12Z(15Z)				
MONTH	MAXIMUM CM.	(IN.)	DATE	MEAN CM.	(IN.)	SD CM.	(IN.)	MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
SURFACE TO 400MB												
JAN-1	1.6259	(.6401)	69011412	.9957	(.3920)	.2271	(.0894)	1.0337	(.4070)	.2359	(.0929)	JAN-1
2	1.6226	(.6388)	71011812	1.0618	(.4180)	.2534	(.0998)	1.0864	(.4277)	.2379	(.0937)	2
FEB-1	1.5723	(.6190)	63029912	1.0428	(.4106)	.2548	(.1003)	1.0803	(.4253)	.2358	(.0928)	FEB-1
2	1.4689	(.5783)	50029900	.9413	(.3706)	.2685	(.1057)	.9963	(.3922)	.2329	(.0917)	2
MAR-1	1.3861	(.5457)	57039900	.9696	(.3817)	.1959	(.0771)	.9978	(.3928)	.1642	(.0647)	MAR-1
2	1.5042	(.5922)	63039900	1.0338	(.4070)	.2091	(.0823)	1.0381	(.4087)	.1988	(.0783)	2
APR-1	1.5969	(.6287)	67040412	1.1313	(.4454)	.1726	(.0680)	1.1974	(.4714)	.2024	(.0797)	APR-1
2	1.7963	(.7072)	49049900	1.2498	(.4920)	.2492	(.0981)	1.2321	(.4851)	.2632	(.1036)	2
MAY-1	1.8923	(.7450)	69050700	1.3940	(.5488)	.2871	(.1130)	1.4411	(.5674)	.2647	(.1042)	MAY-1
2	2.3683	(.9324)	67052600	1.6125	(.6348)	.3195	(.1258)	1.6710	(.6579)	.2946	(.1160)	2
JUN-1	2.6822	(1.0560)	53069912	1.8648	(.7342)	.3339	(.1314)	1.9077	(.7511)	.3936	(.1550)	JUN-1
2	2.8463	(1.1206)	54069900	2.0508	(.8074)	.4272	(.1682)	2.1313	(.8391)	.3290	(.1295)	2
JUL-1	3.4150	(1.3445)	63079912	2.4236	(.9542)	.4807	(.1893)	2.5584	(1.0072)	.4313	(.1698)	JUL-1
2	3.7198	(1.4645)	69072012	2.7811	(1.0949)	.1935	(.0762)	3.0211	(1.1894)	.3384	(.1332)	2
AUG-1	3.8433	(1.5131)	67080712	2.8013	(1.1029)	.4028	(.1586)	2.9323	(1.1544)	.3934	(.1549)	AUG-1
2	3.3912	(1.3351)	55089900	2.6590	(1.0469)	.4189	(.1649)	2.7716	(1.0912)	.3398	(.1338)	2
SEP-1	3.2664	(1.2860)	63099900	2.2816	(.8983)	.4117	(.1621)	2.2514	(.8864)	.4365	(.1718)	SEP-1
2	2.5301	(.9961)	52099912	1.9568	(.7704)	.3223	(.1269)	1.9577	(.7708)	.3511	(.1382)	2
OCT-1	2.6182	(1.0308)	54109912	1.5904	(.6261)	.3934	(.1549)	1.6256	(.6400)	.4160	(.1638)	OCT-1
2	2.2530	(.8870)	63109912	1.5151	(.5965)	.3201	(.1260)	1.4922	(.5875)	.3022	(.1190)	2
NOV-1	1.8412	(.7249)	65111512	1.2360	(.4866)	.1646	(.0648)	1.2844	(.5057)	.1989	(.0783)	NOV-1
2	1.7775	(.6998)	65111700	1.1451	(.4508)	.2729	(.1074)	1.2152	(.4784)	.2605	(.1026)	2
DEC-1	1.8362	(.7229)	66120612	1.1176	(.4400)	.2443	(.0962)	1.0593	(.4170)	.2838	(.1117)	DEC-1
2	1.8054	(.7108)	71122512	1.1025	(.4341)	.2426	(.0955)	1.1103	(.4371)	.3210	(.1264)	2
SURFACE TO 700MB												
JAN-1	.7836	(.3085)	49019912	.5197	(.2046)	.1266	(.0498)	.5358	(.2109)	.1140	(.0449)	JAN-1
2	.7407	(.2916)	63019912	.5515	(.2171)	.1059	(.0417)	.5654	(.2226)	.1095	(.0431)	2
FEB-1	.8219	(.3236)	62029900	.5620	(.2213)	.1169	(.0460)	.5629	(.2216)	.1218	(.0479)	FEB-1
2	.8214	(.3234)	50029900	.5423	(.2135)	.1304	(.0513)	.5604	(.2206)	.1102	(.0434)	2
MAR-1	.7158	(.2818)	57039912	.5218	(.2054)	.0876	(.0345)	.5445	(.2144)	.0888	(.0350)	MAR-1
2	.7267	(.2861)	63039900	.5599	(.2204)	.0929	(.0366)	.5532	(.2178)	.0932	(.0367)	2
APR-1	.8484	(.3340)	49049912	.6033	(.2375)	.0855	(.0337)	.6494	(.2557)	.1054	(.0415)	APR-1
2	.9766	(.3845)	49049900	.6806	(.2680)	.1383	(.0544)	.6789	(.2673)	.1434	(.0565)	2
MAY-1	1.0213	(.4021)	52059900	.7449	(.2932)	.1604	(.0632)	.7885	(.3104)	.1339	(.0527)	MAY-1
2	1.2515	(.4927)	67052600	.8386	(.3301)	.1822	(.0717)	.8836	(.3479)	.1546	(.0609)	2
JUN-1	1.3978	(.5503)	53069912	.9170	(.3610)	.1869	(.0736)	1.0241	(.4032)	.2006	(.0790)	JUN-1
2	1.4877	(.5857)	54069912	.9843	(.3875)	.2083	(.0820)	1.1128	(.4381)	.1980	(.0780)	2
JUL-1	1.8288	(.7200)	63079912	1.2379	(.4874)	.2527	(.0995)	1.3501	(.5315)	.2223	(.0875)	JUL-1
2	1.8402	(.7245)	69072012	1.3697	(.5393)	.1443	(.0568)	1.5115	(.5951)	.1617	(.0637)	2
AUG-1	1.8923	(.7450)	67080712	1.4326	(.5640)	.1929	(.0760)	1.5067	(.5932)	.1815	(.0714)	AUG-1
2	1.8588	(.7318)	55089900	1.3815	(.5439)	.2441	(.0961)	1.4348	(.5649)	.1982	(.0780)	2
SEP-1	1.7262	(.6796)	63099900	1.1853	(.4666)	.2237	(.0881)	1.1899	(.4685)	.2110	(.0831)	SEP-1
2	1.4397	(.5668)	62099912	1.0609	(.4177)	.1955	(.0770)	1.0538	(.4149)	.2014	(.0793)	2
OCT-1	1.4130	(.5563)	54109912	.8327	(.3278)	.2331	(.0918)	.8856	(.3486)	.2065	(.0813)	OCT-1
2	1.1707	(.4609)	63109912	.7900	(.3110)	.1760	(.0693)	.8069	(.3177)	.1566	(.0617)	2
NOV-1	.9068	(.3570)	53119900	.6921	(.2725)	.1062	(.0418)	.7047	(.2774)	.1051	(.0414)	NOV-1
2	.8654	(.3407)	50119900	.6154	(.2423)	.1187	(.0467)	.6304	(.2482)	.1061	(.0418)	2
DEC-1	.8296	(.3266)	66120700	.5674	(.2234)	.1193	(.0470)	.5580	(.2197)	.1225	(.0482)	DEC-1
2	.8425	(.3317)	71122512	.5844	(.2301)	.1163	(.0458)	.5757	(.2267)	.1231	(.0485)	2
SURFACE TO 850MB												
JAN-1	.0391	(.0154)	67011512	.0264	(.0104)	.0086	(.0034)	.0284	(.0112)	.0080	(.0031)	JAN-1
2	.0536	(.0211)	65011612	.0280	(.0110)	.0146	(.0057)	.0303	(.0119)	.0140	(.0055)	2
FEB-1	.0404	(.0159)	68020612	.0258	(.0101)	.0069	(.0027)	.0284	(.0112)	.0085	(.0033)	FEB-1
2	.0444	(.0175)	65021912	.0254	(.0100)	.0141	(.0055)	.0291	(.0114)	.0143	(.0056)	2
MAR-1	.0320	(.0126)	67030100	.0194	(.0076)	.0083	(.0033)	.0219	(.0086)	.0058	(.0023)	MAR-1
2	.0427	(.0168)	71032912	.0153	(.0060)	.0051	(.0020)	.0255	(.0100)	.0105	(.0041)	2
APR-1	.0399	(.0157)	66041412	.0130	(.0051)	.0065	(.0026)	.0230	(.0090)	.0103	(.0041)	APR-1
2	.0643	(.0253)	65042812	.0175	(.0069)	.0212	(.0084)	.0280	(.0110)	.0171	(.0067)	2
MAY-1	.0582	(.0229)	69050912	.0222	(.0087)	.0103	(.0040)	.0338	(.0133)	.0128	(.0050)	MAY-1
2	.0457	(.0180)	65052812	.0161	(.0063)	.0089	(.0035)	.0255	(.0100)	.0111	(.0044)	2
JUN-1	.0434	(.0171)	72060512	.0165	(.0065)	.0070	(.0028)	.0293	(.0115)	.0107	(.0042)	JUN-1
2	.0518	(.0204)	67062000	.0237	(.0093)	.0129	(.0051)	.0341	(.0134)	.0093	(.0037)	2
JUL-1	.0838	(.0330)	67071212	.0332	(.0131)	.0181	(.0071)	.0500	(.0197)	.0224	(.0088)	JUL-1
2	.1148	(.0452)	68072812	.0489	(.0193)	.0254	(.0100)	.0763	(.0300)	.0252	(.0099)	2
AUG-1	.0917	(.0361)	68080812	.0433	(.0170)	.0220	(.0087)	.0647	(.0255)	.0210	(.0083)	AUG-1
2	.0752	(.0296)	71082512	.0378	(.0149)	.0095	(.0037)	.0594	(.0234)	.0116	(.0046)	2
SEP-1	.0848	(.0334)	66090412	.0397	(.0156)	.0146	(.0058)	.0584	(.0230)	.0174	(.0068)	SEP-1
2	.0711	(.0280)	72092112	.0360	(.0142)	.0154	(.0061)	.0466	(.0183)	.0157	(.0062)	2
OCT-1	.0914	(.0360)	72101312	.0348	(.0137)	.0119	(.0047)	.0482	(.0190)	.0205	(.0081)	OCT-1
2	.0815	(.0321)	65102300	.0431	(.0170)	.0196	(.0077)	.0476	(.0187)	.0100	(.0039)	2
NOV-1	.0503	(.0198)	66111312	.0324	(.0127)	.0065	(.0026)	.0393	(.0155)	.0064	(.0025)	NOV-1
2	.0587	(.0231)	66111900	.0330	(.0130)	.0126	(.0050)	.0335	(.0132)	.0090	(.0035)	2
DEC-1	.0460	(.0181)	65120500	.0291	(.0115)	.0101	(.0040)	.0295	(.0116)	.0087	(.0034)	DEC-1
2	.0414	(.0163)	71122412	.0280	(.0110)	.0087	(.0034)	.0270	(.0106)	.0091	(.0036)	2

GREAT FALLS, MONT. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED: MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.5293	(.6021)	59019912	.9452	(.3721)	.2238	(.0881)	1.0278	(.4047)	.2839	(.1118)	JAN-1
2	1.4384	(.5663)	71013012	1.0289	(.4051)	.1907	(.0751)	1.0208	(.4019)	.2148	(.0846)	2
FEB-1	1.4026	(.5522)	61029912	.9775	(.3848)	.1837	(.0723)	1.0162	(.4001)	.1865	(.0734)	FEB-1
2	1.3663	(.5379)	68021912	.9157	(.3605)	.2096	(.0825)	.9483	(.3733)	.1783	(.0702)	2
MAR-1	1.3299	(.5236)	72031300	.9546	(.3758)	.2173	(.0855)	.9207	(.3625)	.1873	(.0737)	MAR-1
2	1.3701	(.5394)	72031612	1.0558	(.4157)	.1583	(.0623)	1.0685	(.4207)	.1771	(.0697)	2
APR-1	1.5237	(.5999)	69040712	1.1243	(.4426)	.1485	(.0585)	1.1708	(.4610)	.1848	(.0728)	APR-1
2	1.9035	(.7494)	46049900	1.3112	(.5162)	.2851	(.1123)	1.2773	(.5029)	.1846	(.0727)	2
MAY-1	2.1915	(.8628)	66051012	1.5494	(.6100)	.2605	(.1026)	1.5680	(.6173)	.2325	(.0915)	MAY-1
2	2.3759	(.9354)	56059912	1.8699	(.7362)	.2205	(.0868)	1.7881	(.7040)	.2694	(.1061)	2
JUN-1	2.8837	(1.1353)	72061000	2.0997	(.8267)	.2818	(.1110)	2.0811	(.8193)	.2889	(.1137)	JUN-1
2	3.3279	(1.3102)	54069900	2.1634	(.8517)	.3483	(.1371)	2.0987	(.8263)	.2685	(.1057)	2
JUL-1	2.8862	(1.1363)	54079900	2.3356	(.9195)	.2730	(.1075)	2.3268	(.9161)	.2724	(.1072)	JUL-1
2	3.3284	(1.3104)	55079900	2.3479	(.9244)	.3740	(.1473)	2.2817	(.8983)	.3059	(.1205)	2
AUG-1	3.4092	(1.3422)	63089912	2.3328	(.9184)	.3079	(.1212)	2.4063	(.9474)	.3727	(.1467)	AUG-1
2	3.1956	(1.2581)	46089912	2.2358	(.8802)	.3694	(.1454)	2.1923	(.8631)	.4334	(.1706)	2
SEP-1	2.9113	(1.1462)	63099912	1.9718	(.7763)	.3323	(.1308)	2.0096	(.7912)	.3812	(.1501)	SEP-1
2	2.4557	(.9668)	67093012	1.7772	(.6997)	.2742	(.1079)	1.7613	(.6934)	.2462	(.0969)	2
OCT-1	2.2349	(.8799)	63109912	1.6118	(.6346)	.2438	(.0960)	1.6151	(.6359)	.2820	(.1110)	OCT-1
2	2.0287	(.7987)	59109912	1.3987	(.5507)	.2763	(.1088)	1.4065	(.5537)	.2556	(.1006)	2
NOV-1	1.6457	(.6479)	67111212	1.2814	(.5045)	.1540	(.0606)	1.2693	(.4997)	.1905	(.0750)	NOV-1
2	1.5631	(.6154)	47119900	1.2003	(.4725)	.1791	(.0705)	1.1738	(.4621)	.1918	(.0755)	2
DEC-1	1.5286	(.6018)	62129900	1.0891	(.4288)	.2161	(.0851)	1.0566	(.4160)	.1855	(.0730)	DEC-1
2	1.5814	(.6226)	62129900	1.0952	(.4312)	.2519	(.0992)	1.0599	(.4173)	.1966	(.0774)	2
				SURFACE TO 700MB								
JAN-1	.8689	(.3421)	53019912	.5731	(.2256)	.1123	(.0442)	.6008	(.2365)	.1402	(.0552)	JAN-1
2	.7798	(.3070)	68012100	.5978	(.2353)	.1159	(.0456)	.5839	(.2299)	.1284	(.0505)	2
FEB-1	.8456	(.3329)	63029900	.5866	(.2309)	.1141	(.0449)	.5914	(.2328)	.1031	(.0406)	FEB-1
2	.7661	(.3016)	72022800	.5538	(.2180)	.1118	(.0440)	.5497	(.2164)	.0978	(.0385)	2
MAR-1	.8123	(.3198)	47039912	.5703	(.2245)	.1186	(.0467)	.5594	(.2202)	.1064	(.0419)	MAR-1
2	.8019	(.3157)	72031612	.6373	(.2509)	.0879	(.0346)	.6461	(.2544)	.0815	(.0321)	2
APR-1	.9047	(.3562)	69041112	.6728	(.2649)	.0906	(.0357)	.6992	(.2753)	.1093	(.0430)	APR-1
2	1.0869	(.4279)	46049900	.7789	(.3067)	.1465	(.0577)	.7794	(.3068)	.1100	(.0433)	2
MAY-1	1.2329	(.4854)	66051012	.9463	(.3726)	.1346	(.0530)	.9432	(.3713)	.1338	(.0527)	MAY-1
2	1.4928	(.5877)	48059900	1.1457	(.4511)	.1620	(.0638)	1.0668	(.4200)	.1415	(.0557)	2
JUN-1	1.7285	(.6805)	72061000	1.2658	(.4984)	.1687	(.0664)	1.2780	(.5032)	.1624	(.0639)	JUN-1
2	1.6866	(.6640)	54069900	1.3050	(.5138)	.2072	(.0816)	1.2858	(.5062)	.1304	(.0514)	2
JUL-1	1.7854	(.7029)	55079912	1.4046	(.5530)	.1868	(.0736)	1.4078	(.5542)	.1811	(.0713)	JUL-1
2	2.1039	(.8283)	55079900	1.4358	(.5653)	.2193	(.0864)	1.4350	(.5650)	.2031	(.0799)	2
AUG-1	1.9482	(.7670)	63089912	1.3915	(.5478)	.2022	(.0796)	1.4385	(.5663)	.1969	(.0775)	AUG-1
2	1.8527	(.7294)	46089912	1.2999	(.5118)	.2141	(.0843)	1.3261	(.5221)	.2380	(.0937)	2
SEP-1	1.7216	(.6778)	63099912	1.1768	(.4633)	.1787	(.0704)	1.2186	(.4798)	.1855	(.0730)	SEP-1
2	1.4582	(.5741)	63099900	1.0512	(.4139)	.1540	(.0606)	1.0240	(.4031)	.1638	(.0645)	2
OCT-1	1.2822	(.5048)	63109912	.9427	(.3712)	.1475	(.0581)	.9492	(.3737)	.1330	(.0523)	OCT-1
2	1.2040	(.4740)	59109912	.8327	(.3278)	.1319	(.0519)	.8295	(.3266)	.1392	(.0548)	2
NOV-1	.9548	(.3759)	62119912	.7233	(.2848)	.0799	(.0314)	.7243	(.2852)	.1011	(.0398)	NOV-1
2	.9695	(.3817)	54119912	.6734	(.2651)	.0929	(.0366)	.6692	(.2635)	.1160	(.0457)	2
DEC-1	.8593	(.3383)	58129912	.6185	(.2435)	.1149	(.0452)	.6082	(.2395)	.1010	(.0398)	DEC-1
2	.8976	(.3534)	50129900	.6193	(.2438)	.1360	(.0535)	.6185	(.2435)	.1130	(.0445)	2
				SURFACE TO 850MB								
JAN-1	.2108	(.0830)	65011500	.1267	(.0499)	.0299	(.0118)	.1237	(.0487)	.0300	(.0118)	JAN-1
2	.2141	(.0843)	65011600	.1274	(.0502)	.0337	(.0133)	.1231	(.0485)	.0370	(.0146)	2
FEB-1	.2019	(.0795)	54029900	.1312	(.0516)	.0336	(.0132)	.1246	(.0490)	.0280	(.0110)	FEB-1
2	.1951	(.0768)	65021800	.1306	(.0514)	.0263	(.0104)	.1214	(.0478)	.0216	(.0085)	2
MAR-1	.1882	(.0741)	47039912	.1254	(.0494)	.0291	(.0115)	.1171	(.0461)	.0286	(.0113)	MAR-1
2	.1905	(.0750)	60039900	.1414	(.0557)	.0200	(.0079)	.1379	(.0543)	.0199	(.0078)	2
APR-1	.2101	(.0827)	47049900	.1532	(.0603)	.0272	(.0107)	.1600	(.0630)	.0249	(.0098)	APR-1
2	.2400	(.0945)	63049900	.1693	(.0666)	.0312	(.0123)	.1708	(.0673)	.0260	(.0102)	2
MAY-1	.3180	(.1252)	57059912	.2160	(.0850)	.0318	(.0125)	.2198	(.0865)	.0317	(.0125)	MAY-1
2	.3853	(.1517)	48059900	.2633	(.1037)	.0467	(.0184)	.2561	(.1008)	.0444	(.0175)	2
JUN-1	.4689	(.1846)	53069912	.3025	(.1191)	.0515	(.0203)	.3149	(.1240)	.0525	(.0207)	JUN-1
2	.4366	(.1719)	55069900	.3195	(.1258)	.0446	(.0176)	.3151	(.1240)	.0404	(.0159)	2
JUL-1	.4526	(.1782)	55079900	.3447	(.1357)	.0505	(.0199)	.3500	(.1378)	.0464	(.0183)	JUL-1
2	.5715	(.2250)	55079900	.3504	(.1380)	.0617	(.0243)	.3692	(.1453)	.0625	(.0246)	2
AUG-1	.4719	(.1858)	72081500	.3433	(.1352)	.0577	(.0227)	.3594	(.1415)	.0509	(.0201)	AUG-1
2	.4628	(.1822)	72081612	.3223	(.1269)	.0578	(.0228)	.3238	(.1275)	.0647	(.0255)	2
SEP-1	.4300	(.1693)	63099912	.2814	(.1108)	.0458	(.0180)	.2902	(.1142)	.0405	(.0159)	SEP-1
2	.3548	(.1397)	47099900	.2456	(.0967)	.0409	(.0161)	.2438	(.0960)	.0387	(.0152)	2
OCT-1	.3531	(.1390)	63109900	.2235	(.0880)	.0426	(.0168)	.2228	(.0877)	.0414	(.0163)	OCT-1
2	.2606	(.1026)	54109900	.1929	(.0760)	.0345	(.0136)	.1933	(.0761)	.0318	(.0125)	2
NOV-1	.2215	(.0872)	62119912	.1663	(.0655)	.0230	(.0090)	.1601	(.0630)	.0236	(.0093)	NOV-1
2	.2174	(.0856)	54119912	.1561	(.0614)	.0224	(.0088)	.1441	(.0567)	.0279	(.0110)	2
DEC-1	.2134	(.0840)	52129900	.1297	(.0511)	.0298	(.0117)	.1301	(.0512)	.0310	(.0122)	DEC-1
2	.2306	(.0908)	50129900	.1293	(.0509)	.0389	(.0153)	.1266	(.0498)	.0356	(.0140)	2

GREEN BAY, WISC. 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.2713	(.8942)	60011212	1.2879	(.5070)	.3118	(.1227)	1.2241	(.4819)	.3074	(.1210)	JAN-1
2	2.3772	(.9359)	68012912	1.1508	(.4531)	.4527	(.1782)	1.2459	(.4905)	.4519	(.1779)	2
FEB-1	2.2972	(.9044)	66020912	1.2919	(.5086)	.4255	(.1675)	1.2905	(.5081)	.3880	(.1528)	FEB-1
2	2.2116	(.8707)	55022003	1.2142	(.4780)	.4880	(.1921)	1.2926	(.5089)	.4168	(.1641)	2
MAR-1	2.2040	(.8677)	70030312	1.4652	(.5769)	.4306	(.1695)	1.4110	(.5555)	.4891	(.1925)	MAR-1
2	2.5418	(1.0007)	67033012	1.5689	(.6177)	.4762	(.1875)	1.5511	(.6107)	.5002	(.1969)	2
APR-1	3.3457	(1.3172)	67041400	2.0221	(.7961)	.5057	(.1991)	1.9902	(.7835)	.6012	(.2367)	APR-1
2	3.5913	(1.4139)	57042003	2.4030	(.9461)	.4888	(.1924)	2.4218	(.9535)	.3570	(.1406)	2
MAY-1	3.8197	(1.5038)	61051500	2.8382	(1.1174)	.5814	(.2289)	2.6344	(1.0371)	.5561	(.2190)	MAY-1
2	4.0922	(1.6111)	53053003	3.1422	(1.2371)	.5135	(.2021)	3.1685	(1.2475)	.4107	(.1617)	2
JUN-1	4.2451	(1.6713)	63060700	3.5689	(1.4051)	.3297	(.1298)	3.5445	(1.3955)	.4389	(.1728)	JUN-1
2	4.5618	(1.7960)	68063012	3.8326	(1.5089)	.4033	(.1588)	3.7844	(1.4899)	.4195	(.1652)	2
JUL-1	5.1364	(2.0222)	58070112	4.0308	(1.5869)	.5195	(.2045)	4.0020	(1.5756)	.6025	(.2372)	JUL-1
2	5.0930	(2.0051)	57072200	4.1760	(1.6441)	.5023	(.1978)	4.0061	(1.5772)	.4995	(.1967)	2
AUG-1	5.2276	(2.0581)	55080403	4.0515	(1.5951)	.4739	(.1866)	4.0743	(1.6041)	.6038	(.2377)	AUG-1
2	5.1465	(2.0262)	55082703	4.0290	(1.5862)	.5380	(.2118)	4.0076	(1.5778)	.3857	(.1518)	2
SEP-1	4.6380	(1.8260)	70090312	3.9977	(1.5739)	.3363	(.1324)	3.8304	(1.5080)	.4823	(.1899)	SEP-1
2	4.8438	(1.9070)	58092412	3.6199	(1.4252)	.6627	(.2609)	3.4003	(1.3387)	.6902	(.2717)	2
OCT-1	3.6987	(1.4562)	67100500	2.9517	(1.1621)	.5335	(.2100)	2.9091	(1.1453)	.4929	(.1941)	OCT-1
2	3.6365	(1.4317)	71102000	2.6302	(1.0355)	.4925	(.1939)	2.4906	(.9805)	.5433	(.2139)	2
NOV-1	3.6782	(1.4481)	61110300	2.0842	(.8206)	.5299	(.2086)	1.9514	(.7683)	.5025	(.1978)	NOV-1
2	3.9375	(1.5502)	58111800	1.9995	(.7872)	.6534	(.2573)	1.8798	(.7401)	.6336	(.2494)	2
DEC-1	2.4526	(.9656)	71121512	1.5747	(.6200)	.3410	(.1342)	1.6702	(.6576)	.5056	(.1991)	DEC-1
2	2.4442	(.9623)	72123012	1.5239	(.6000)	.3855	(.1518)	1.4726	(.5798)	.4425	(.1742)	2
				SURFACE TO 700MB								
JAN-1	1.5552	(.6123)	60011300	.8903	(.3505)	.2328	(.0916)	.8767	(.3451)	.2136	(.0841)	JAN-1
2	1.7592	(.6926)	67012500	.8326	(.3278)	.3371	(.1327)	.8660	(.3410)	.3425	(.1349)	2
FEB-1	1.7729	(.6980)	66020900	.9266	(.3648)	.3302	(.1300)	.9530	(.3752)	.3204	(.1261)	FEB-1
2	1.6129	(.6350)	55022003	.9154	(.3604)	.3702	(.1457)	.9661	(.3803)	.3238	(.1275)	2
MAR-1	1.7196	(.6770)	71031500	1.0622	(.4182)	.3640	(.1433)	1.0375	(.4084)	.3609	(.1421)	MAR-1
2	1.8379	(.7236)	67033112	1.1412	(.4493)	.3916	(.1542)	1.2059	(.4748)	.4138	(.1629)	2
APR-1	2.3523	(.9261)	56040303	1.5503	(.6103)	.4442	(.1749)	1.5105	(.5947)	.4358	(.1716)	APR-1
2	2.7175	(1.0699)	57042003	1.8359	(.7228)	.3968	(.1562)	1.8305	(.7207)	.3184	(.1254)	2
MAY-1	2.8638	(1.1275)	62051312	2.1958	(.8645)	.4666	(.1837)	2.0199	(.7952)	.4619	(.1818)	MAY-1
2	3.2489	(1.2791)	53053003	2.3915	(.9415)	.4266	(.1679)	2.3636	(.9306)	.3477	(.1369)	2
JUN-1	3.1085	(1.2238)	63060700	2.7245	(1.0726)	.2082	(.0820)	2.6868	(1.0578)	.2731	(.1075)	JUN-1
2	3.6680	(1.4441)	68063012	2.9880	(1.1764)	.3269	(.1287)	2.9931	(1.1784)	.3039	(.1196)	2
JUL-1	3.7137	(1.4621)	72071012	3.0927	(1.2176)	.3334	(.1313)	3.0724	(1.2096)	.4128	(.1625)	JUL-1
2	3.9088	(1.5389)	55072915	3.2085	(1.2632)	.3409	(.1342)	3.0988	(1.2200)	.3844	(.1513)	2
AUG-1	3.7656	(1.4825)	55080403	3.0919	(1.2173)	.2535	(.0998)	3.0887	(1.2160)	.3530	(.1390)	AUG-1
2	3.6731	(1.4461)	68082212	3.0577	(1.2038)	.3388	(.1334)	3.0134	(1.1864)	.3751	(.1477)	2
SEP-1	3.6495	(1.4368)	60090412	3.0251	(1.1910)	.3113	(.1225)	2.9090	(1.1453)	.3909	(.1539)	SEP-1
2	3.5951	(1.4154)	58092500	2.7437	(1.0802)	.5294	(.2084)	2.5880	(1.0189)	.4851	(.1910)	2
OCT-1	2.9903	(1.1773)	68101512	2.2581	(.8890)	.3986	(.1569)	2.2742	(.8954)	.4571	(.1800)	OCT-1
2	2.9019	(1.1425)	71101912	2.0241	(.7969)	.3822	(.1505)	1.9298	(.7598)	.4428	(.1743)	2
NOV-1	2.5382	(.9993)	61110300	1.5807	(.6223)	.3951	(.1555)	1.5001	(.5906)	.3634	(.1431)	NOV-1
2	2.8278	(1.1133)	58111800	1.5354	(.6045)	.5060	(.1992)	1.3952	(.5493)	.4762	(.1875)	2
DEC-1	1.9319	(.7606)	70120112	1.1568	(.4554)	.3066	(.1207)	1.2009	(.4728)	.3999	(.1574)	DEC-1
2	1.7191	(.6768)	59122700	1.0730	(.4224)	.3082	(.1213)	1.0087	(.3971)	.2880	(.1134)	2
				SURFACE TO 850MB								
JAN-1	.7358	(.2897)	65010800	.4383	(.1726)	.1124	(.0442)	.4423	(.1741)	.0986	(.0388)	JAN-1
2	.9220	(.3630)	68012912	.4455	(.1754)	.1645	(.0648)	.4473	(.1761)	.1819	(.0716)	2
FEB-1	.9154	(.3604)	66020900	.4917	(.1936)	.1740	(.0685)	.4975	(.1959)	.1627	(.0641)	FEB-1
2	.8735	(.3439)	57022503	.4793	(.1887)	.1780	(.0701)	.4915	(.1935)	.1483	(.0584)	2
MAR-1	.9418	(.3708)	71031500	.5275	(.2077)	.1766	(.0695)	.5327	(.2097)	.1740	(.0685)	MAR-1
2	1.0991	(.4327)	67033112	.6236	(.2455)	.2134	(.0840)	.6395	(.2518)	.2233	(.0879)	2
APR-1	1.3292	(.5233)	56040303	.8227	(.3239)	.2825	(.1112)	.7801	(.3071)	.2297	(.0904)	APR-1
2	1.5954	(.6281)	57042003	1.0074	(.3966)	.2717	(.1070)	.9641	(.3796)	.1971	(.0776)	2
MAY-1	1.7463	(.6875)	62051500	1.2532	(.4934)	.2968	(.1169)	1.1442	(.4505)	.2773	(.1092)	MAY-1
2	1.8245	(.7183)	53053003	1.3543	(.5332)	.2853	(.1123)	1.3452	(.5296)	.2174	(.0856)	2
JUN-1	1.8174	(.7155)	63060600	1.6050	(.6319)	.1174	(.0462)	1.5608	(.6145)	.1416	(.0558)	JUN-1
2	2.0721	(.8158)	57061700	1.7892	(.7044)	.1706	(.0672)	1.7488	(.6885)	.1905	(.0750)	2
JUL-1	2.5372	(.9989)	72071012	1.8365	(.7230)	.2100	(.0827)	1.8167	(.7152)	.2398	(.0944)	JUL-1
2	2.3068	(.9082)	55072915	1.9056	(.7502)	.2172	(.0855)	1.8388	(.7240)	.2470	(.0972)	2
AUG-1	2.3127	(.9105)	55080403	1.8487	(.7278)	.1681	(.0662)	1.8406	(.7247)	.2221	(.0874)	AUG-1
2	2.2380	(.8811)	59082512	1.7923	(.7056)	.2024	(.0797)	1.8127	(.7137)	.2191	(.0863)	2
SEP-1	2.2560	(.8882)	60090112	1.8048	(.7105)	.2497	(.0983)	1.7278	(.6802)	.2904	(.1143)	SEP-1
2	1.9698	(.7755)	58092500	1.5546	(.6121)	.2936	(.1156)	1.4728	(.5798)	.2573	(.1013)	2
OCT-1	1.9401	(.7638)	68101512	1.3090	(.5154)	.2378	(.0936)	1.3286	(.5231)	.2777	(.1093)	OCT-1
2	1.6319	(.6425)	62101600	1.1710	(.4610)	.2818	(.1109)	1.0934	(.4305)	.2649	(.1043)	2
NOV-1	1.3541	(.5331)	56110203	.8958	(.3527)	.2218	(.0873)	.8571	(.3374)	.2179	(.0858)	NOV-1
2	1.4933	(.5879)	58111800	.8253	(.3249)	.2906	(.1144)	.7657	(.3015)	.2671	(.1052)	2
DEC-1	1.0358	(.4078)	70120112	.6046	(.2380)	.1704	(.0671)	.6271	(.2469)	.2159	(.0850)	DEC-1
2	.9256	(.3644)	67122112	.5238	(.2062)	.1499	(.0590)	.5268	(.2074)	.1795	(.0707)	2

GREENSBORO, N.C. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.3579	(1.3220)	49010603	2.5341	(.9977)	.4197	(.1652)	2.5183	(.9915)	.4742	(.1867)	JAN-1
2	3.4493	(1.3580)	54012103	2.5388	(.9995)	.5412	(.2131)	2.4784	(.9757)	.4795	(.1888)	2
FEB-1	3.5806	(1.4097)	66021312	2.3453	(.9233)	.5464	(.2151)	2.4575	(.9675)	.5672	(.2233)	FEB-1
2	3.5207	(1.3861)	53022103	2.3428	(.9224)	.6474	(.2549)	2.3828	(.9381)	.5262	(.2072)	2
MAR-1	3.6200	(1.4252)	61030700	2.5674	(1.0108)	.5029	(.1980)	2.5569	(1.0067)	.5310	(.2091)	MAR-1
2	3.7749	(1.4862)	49032515	2.6643	(1.0489)	.4618	(.1818)	2.7052	(1.0651)	.4649	(.1830)	2
APR-1	3.6777	(1.4479)	55041403	2.9308	(1.1539)	.4538	(.1826)	2.9346	(1.1553)	.4239	(.1669)	APR-1
2	4.1514	(1.6344)	70042400	3.1659	(1.2464)	.4089	(.1610)	3.2124	(1.2647)	.3273	(.1229)	2
MAY-1	4.1529	(1.6350)	48051215	3.4814	(1.3706)	.2686	(.1057)	3.3405	(1.3152)	.3967	(.1562)	MAY-1
2	4.2161	(1.6599)	55052415	3.7944	(1.4938)	.2530	(.0996)	3.5957	(1.4156)	.4017	(.1581)	2
JUN-1	4.8608	(1.9137)	66061000	4.1804	(1.6458)	.4218	(.1661)	3.9901	(1.5709)	.4040	(.1591)	JUN-1
2	5.2835	(2.0801)	49062503	4.5080	(1.7748)	.3277	(.1290)	4.2475	(1.6722)	.3723	(.1466)	2
JUL-1	5.7175	(2.2510)	49071103	4.6988	(1.8499)	.3465	(.1364)	4.5155	(1.7777)	.3566	(.1404)	JUL-1
2	5.4605	(2.1498)	53072303	4.9701	(1.9567)	.3092	(.1217)	4.7520	(1.8709)	.2665	(.1049)	2
AUG-1	5.1648	(2.0334)	72080500	4.7732	(1.8792)	.2370	(.0933)	4.6536	(1.8321)	.2713	(.1068)	AUG-1
2	5.4638	(2.1511)	55081803	4.8311	(1.9020)	.3211	(.1264)	4.5738	(1.8007)	.3493	(.1375)	2
SEP-1	5.2870	(2.0815)	62091000	4.4771	(1.7626)	.4004	(.1576)	4.2820	(1.6858)	.4083	(.1608)	SEP-1
2	5.1755	(2.0376)	57091712	4.2530	(1.6744)	.3805	(.1498)	4.1696	(1.6416)	.4959	(.1952)	2
OCT-1	5.0178	(1.9755)	59100100	3.7511	(1.4768)	.5810	(.2287)	3.6962	(1.4552)	.7038	(.2771)	OCT-1
2	4.9809	(1.9610)	68101900	3.3876	(1.3337)	.6493	(.2556)	3.2853	(1.2934)	.6234	(.2454)	2
NOV-1	3.9515	(1.5557)	46110303	2.8662	(1.1284)	.5278	(.2078)	2.9165	(1.1482)	.6004	(.2364)	NOV-1
2	3.9492	(1.5548)	62112200	2.9245	(1.1514)	.3980	(.1567)	2.8771	(1.1327)	.4294	(.1691)	2
DEC-1	3.8476	(1.5148)	53120615	2.6690	(1.0508)	.4799	(.1889)	2.8098	(1.1062)	.5384	(.2120)	DEC-1
2	3.5430	(1.3949)	48121615	2.5940	(1.0212)	.6117	(.2408)	2.5434	(1.0013)	.5970	(.2350)	2
				SURFACE TO 700MB								
JAN-1	2.4201	(.9528)	72011312	1.8525	(.7293)	.3335	(.1313)	1.8755	(.7384)	.3444	(.1356)	JAN-1
2	2.5138	(.9897)	54012103	1.8835	(.7415)	.3701	(.1457)	1.8228	(.7176)	.4271	(.1682)	2
FEB-1	2.5911	(1.0201)	66021312	1.7629	(.6940)	.4175	(.1644)	1.7753	(.6989)	.3679	(.1448)	FEB-1
2	2.4841	(.9780)	62022412	1.7528	(.6901)	.4796	(.1888)	1.7649	(.6948)	.4387	(.1727)	2
MAR-1	2.6576	(1.0463)	64030500	1.9167	(.7546)	.4442	(.1749)	1.8723	(.7371)	.4173	(.1643)	MAR-1
2	3.0025	(1.1821)	48032103	2.0041	(.7890)	.3708	(.1460)	2.0001	(.7874)	.3429	(.1350)	2
APR-1	2.6731	(1.0524)	48041415	2.1896	(.8620)	.3283	(.1293)	2.2063	(.8686)	.3249	(.1279)	APR-1
2	3.1775	(1.2510)	70042412	2.4128	(.9499)	.2494	(.0982)	2.3976	(.9439)	.2992	(.1178)	2
MAY-1	2.9741	(1.1709)	48051303	2.6148	(1.0294)	.2142	(.0843)	2.5725	(1.0128)	.2391	(.0941)	MAY-1
2	3.4021	(1.3394)	53052515	2.8435	(1.1195)	.1990	(.0784)	2.7167	(1.0696)	.2629	(.1035)	2
JUN-1	3.5502	(1.3977)	58061500	3.1003	(1.2206)	.2454	(.0966)	2.9535	(1.1628)	.2565	(.1010)	JUN-1
2	4.0963	(1.6127)	69062800	3.3661	(1.3252)	.2800	(.1102)	3.1946	(1.2577)	.2407	(.0947)	2
JUL-1	3.9169	(1.5421)	49071103	3.4393	(1.3541)	.2027	(.0798)	3.3162	(1.3056)	.2188	(.0862)	JUL-1
2	3.8712	(1.5241)	62071600	3.6033	(1.4186)	.1861	(.0733)	3.4423	(1.3552)	.1609	(.0634)	2
AUG-1	3.8887	(1.5310)	53080415	3.4899	(1.3740)	.1847	(.0727)	3.4165	(1.3451)	.1926	(.0758)	AUG-1
2	3.9322	(1.5481)	57081600	3.5404	(1.3939)	.2300	(.0906)	3.3721	(1.3276)	.2538	(.0999)	2
SEP-1	3.7018	(1.4574)	61090400	3.3333	(1.3123)	.2524	(.0994)	3.2312	(1.2721)	.2704	(.1065)	SEP-1
2	3.6848	(1.4507)	72092800	3.1368	(1.2349)	.2900	(.1142)	3.0728	(1.2098)	.3291	(.1296)	2
OCT-1	3.5938	(1.4149)	59101000	2.7805	(1.0947)	.3503	(.1379)	2.7876	(1.0975)	.4397	(.1731)	OCT-1
2	3.3518	(1.3196)	68101900	2.5179	(.9913)	.3705	(.1459)	2.4735	(.9738)	.3619	(.1425)	2
NOV-1	2.8217	(1.1109)	71110300	2.1379	(.8417)	.4067	(.1601)	2.1887	(.8617)	.4211	(.1658)	NOV-1
2	2.9274	(1.1525)	58111712	2.2224	(.8750)	.2919	(.1149)	2.1958	(.8645)	.3311	(.1304)	2
DEC-1	2.6673	(1.0501)	53120615	1.9836	(.7810)	.3358	(.1322)	2.0567	(.8097)	.3924	(.1545)	DEC-1
2	2.5443	(1.0017)	71121600	1.8981	(.7473)	.4523	(.1781)	1.8598	(.7322)	.4371	(.1721)	2
				SURFACE TO 850MB								
JAN-1	1.4455	(.5691)	46010703	1.0021	(.3945)	.2378	(.0936)	1.0216	(.4022)	.2262	(.0891)	JAN-1
2	1.4112	(.5556)	57012915	1.0269	(.4043)	.2542	(.1001)	1.0123	(.3985)	.2771	(.1091)	2
FEB-1	1.3879	(.5464)	59021500	.9482	(.3733)	.2288	(.0901)	.9586	(.3774)	.2014	(.0793)	FEB-1
2	1.4102	(.5552)	61021900	.9323	(.3670)	.3013	(.1186)	.9178	(.3613)	.2842	(.1119)	2
MAR-1	1.5011	(.5910)	64030500	1.0597	(.4172)	.2794	(.1100)	1.0137	(.3991)	.2592	(.1020)	MAR-1
2	1.7506	(.6892)	48032103	1.1173	(.4399)	.2023	(.0796)	1.0903	(.4292)	.2116	(.0833)	2
APR-1	1.5644	(.6159)	48041315	1.2062	(.4749)	.2013	(.0792)	1.2289	(.4838)	.2029	(.0799)	APR-1
2	1.7630	(.6941)	70042412	1.3556	(.5337)	.1765	(.0695)	1.3425	(.5285)	.1701	(.0670)	2
MAY-1	1.7493	(.6887)	50050503	1.4826	(.5837)	.1598	(.0629)	1.4947	(.5885)	.1475	(.0581)	MAY-1
2	1.9418	(.7645)	53052515	1.6219	(.6385)	.1362	(.0536)	1.5862	(.6245)	.1627	(.0641)	2
JUN-1	2.0587	(.8105)	53060903	1.7561	(.6914)	.1310	(.0516)	1.7418	(.6858)	.1105	(.0435)	JUN-1
2	2.3599	(.9291)	69062800	1.9247	(.7578)	.1673	(.0659)	1.8716	(.7368)	.1611	(.0634)	2
JUL-1	2.1816	(.8589)	49071103	1.9437	(.7653)	.1001	(.0394)	1.9010	(.7484)	.1108	(.0436)	JUL-1
2	2.2103	(.8702)	70072500	2.0553	(.8092)	.0883	(.0348)	2.0049	(.7893)	.1033	(.0407)	2
AUG-1	2.1626	(.8514)	66081100	2.0165	(.7939)	.1021	(.0402)	1.9437	(.7653)	.1088	(.0428)	AUG-1
2	2.2512	(.8863)	66081900	2.0213	(.7958)	.1226	(.0483)	1.9561	(.7701)	.1443	(.0568)	2
SEP-1	2.1491	(.8461)	61090400	1.8913	(.7446)	.1512	(.0595)	1.8511	(.7288)	.1517	(.0597)	SEP-1
2	2.0772	(.8178)	72092800	1.7774	(.6998)	.1770	(.0697)	1.7628	(.6940)	.1848	(.0727)	2
OCT-1	1.9921	(.7843)	53100103	1.5749	(.6200)	.1921	(.0756)	1.5840	(.6236)	.2109	(.0830)	OCT-1
2	1.8260	(.7189)	68101912	1.3963	(.5497)	.1938	(.0763)	1.3987	(.5507)	.2068	(.0814)	2
NOV-1	1.6955	(.6675)	71110212	1.2303	(.4844)	.2522	(.0993)	1.2478	(.4913)	.2578	(.1015)	NOV-1
2	1.6266	(.6404)	58111712	1.2182	(.4796)	.1831	(.0721)	1.2237	(.4818)	.2177	(.0857)	2
DEC-1	1.5662	(.6166)	51120715	1.0879	(.4283)	.2404	(.0946)	1.1176	(.4400)	.2702	(.1064)	DEC-1
2	1.5199	(.5984)	67122000	1.0487	(.4129)	.2911	(.1146)	1.0476	(.4124)	.2782	(.1095)	2

HUNTINGTON, W. VA. 14 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.2710	(1.2878)	66010212	2.2588	(.8893)	.5434	(.2140)	2.3543	(.9269)	.6954	(.2738)	JAN-1
2	3.2230	(1.2689)	47013015	2.2696	(.8935)	.5293	(.2084)	2.0885	(.8223)	.6415	(.2526)	2
FEB-1	3.2319	(1.2724)	48021403	2.1442	(.8442)	.6054	(.2384)	2.3157	(.9117)	.5513	(.2171)	FEB-1
2	3.1430	(1.2374)	71022212	1.9331	(.7611)	.7230	(.2847)	1.8072	(.7115)	.7151	(.2815)	2
MAR-1	3.4216	(1.3471)	64030500	2.3699	(.9330)	.4961	(.1953)	2.3628	(.9302)	.5563	(.2190)	MAR-1
2	3.5723	(1.4064)	63031912	2.4412	(.9611)	.6012	(.2367)	2.5538	(1.0054)	.5164	(.2033)	2
APR-1	3.6817	(1.4495)	48041403	2.9572	(1.1642)	.3699	(.1456)	2.8458	(1.1204)	.5429	(.2137)	APR-1
2	4.1465	(1.6325)	70042312	2.9816	(1.1739)	.3886	(.1530)	3.0269	(1.1917)	.5374	(.2116)	2
MAY-1	3.9299	(1.5472)	48051303	3.2669	(1.2862)	.2775	(.1092)	3.2704	(1.2875)	.3261	(.1284)	MAY-1
2	4.2469	(1.6720)	69051900	3.5785	(1.4089)	.4758	(.1873)	3.4872	(1.3729)	.4855	(.1911)	2
JUN-1	4.7330	(1.8634)	46061215	3.9637	(1.5605)	.4504	(.1773)	4.0084	(1.5781)	.3235	(.1274)	JUN-1
2	4.7930	(1.8870)	64062412	4.2600	(1.6772)	.2868	(.1129)	4.2770	(1.6838)	.3466	(.1365)	2
JUL-1	5.1514	(2.0281)	48071315	4.4413	(1.7486)	.3301	(.1300)	4.5530	(1.7925)	.4180	(.1646)	JUL-1
2	5.4831	(2.1587)	68072612	4.6772	(1.8414)	.4390	(.1728)	4.6270	(1.8217)	.4029	(.1586)	2
AUG-1	5.2768	(2.0775)	47081403	4.3377	(1.7077)	.4815	(.1896)	4.5258	(1.7818)	.3746	(.1475)	AUG-1
2	5.6045	(2.2065)	47081715	4.6076	(1.8140)	.3827	(.1507)	4.5671	(1.7981)	.4947	(.1948)	2
SEP-1	4.9588	(1.9523)	47091103	4.4575	(1.7549)	.4691	(.1847)	4.2506	(1.6735)	.6137	(.2416)	SEP-1
2	5.1361	(2.0221)	70091812	4.0477	(1.5936)	.4600	(.1811)	3.9973	(1.5737)	.5599	(.2204)	2
OCT-1	4.6134	(1.8163)	65100100	3.5058	(1.3802)	.6203	(.2442)	3.5929	(1.4145)	.4790	(.1886)	OCT-1
2	4.3404	(1.7088)	68101900	3.2467	(1.2782)	.6004	(.2364)	3.1997	(1.2597)	.5772	(.2272)	2
NOV-1	4.4097	(1.7361)	72110112	2.9720	(1.1701)	.6714	(.2643)	2.8170	(1.1091)	.7494	(.2950)	NOV-1
2	3.3970	(1.3374)	64111612	2.5338	(.9975)	.4042	(.1591)	2.7436	(1.0802)	.4651	(.1831)	2
DEC-1	3.3330	(1.3122)	66120900	2.5409	(1.0004)	.5648	(.2224)	2.5209	(.9925)	.4919	(.1936)	DEC-1
2	3.2842	(1.2930)	68122300	2.3598	(.9291)	.6237	(.2456)	2.3775	(.9360)	.5833	(.2296)	2
				SURFACE TO 700MB								
JAN-1	2.2847	(.8995)	46010715	1.6354	(.6438)	.3931	(.1548)	1.6844	(.6632)	.4897	(.1928)	JAN-1
2	2.2403	(.8820)	47013015	1.6312	(.6422)	.4139	(.1629)	1.5725	(.6191)	.5053	(.1990)	2
FEB-1	2.3383	(.9206)	48021403	1.5980	(.6291)	.4574	(.1801)	1.6997	(.6692)	.3529	(.1390)	FEB-1
2	2.3848	(.9389)	62022612	1.3812	(.5438)	.4956	(.1951)	1.3454	(.5297)	.5107	(.2011)	2
MAR-1	2.3589	(.9287)	67031412	1.7479	(.6882)	.3152	(.1241)	1.8030	(.7098)	.3863	(.1521)	MAR-1
2	2.7772	(1.0934)	48032103	1.8292	(.7201)	.4987	(.1964)	1.8800	(.7402)	.3700	(.1457)	2
APR-1	2.6601	(1.0473)	48041403	2.2452	(.8839)	.2887	(.1137)	2.0707	(.8152)	.3809	(.1500)	APR-1
2	3.0170	(1.1878)	70042312	2.2544	(.8876)	.2346	(.0924)	2.3781	(.9363)	.3141	(.1237)	2
MAY-1	2.9403	(1.1576)	63051100	2.5220	(.9929)	.1840	(.0724)	2.5187	(.9916)	.2028	(.0798)	MAY-1
2	3.0132	(1.1863)	47052915	2.6644	(1.0490)	.3200	(.1260)	2.6087	(1.0271)	.3003	(.1182)	2
JUN-1	3.3482	(1.3182)	47061003	2.9451	(1.1595)	.2519	(.0992)	3.0422	(1.1977)	.1510	(.0594)	JUN-1
2	3.8799	(1.5275)	69062812	3.1900	(1.2559)	.2761	(.1087)	3.2921	(1.2961)	.3015	(.1187)	2
JUL-1	3.9908	(1.5712)	70070212	3.3743	(1.3285)	.2146	(.0845)	3.4074	(1.3415)	.3256	(.1282)	JUL-1
2	3.8136	(1.5014)	68072800	3.4867	(1.3727)	.2056	(.0810)	3.4517	(1.3589)	.2396	(.0943)	2
AUG-1	4.0310	(1.5870)	47081403	3.3215	(1.3077)	.3167	(.1247)	3.3837	(1.3322)	.2274	(.0895)	AUG-1
2	4.1214	(1.6226)	47081715	3.4517	(1.3589)	.3010	(.1185)	3.4693	(1.3658)	.3220	(.1268)	2
SEP-1	3.6083	(1.4206)	70091012	3.2855	(1.2935)	.2918	(.1149)	3.2078	(1.2629)	.2726	(.1073)	SEP-1
2	3.7742	(1.4859)	70091812	3.0055	(1.1833)	.3230	(.1272)	2.9693	(1.1690)	.3229	(.1271)	2
OCT-1	3.2024	(1.2608)	69100212	2.6337	(1.0369)	.3522	(.1386)	2.7228	(1.0720)	.3542	(.1394)	OCT-1
2	3.0371	(1.1957)	47101803	2.4062	(.9473)	.3863	(.1521)	2.4328	(.9578)	.4100	(.1614)	2
NOV-1	3.1453	(1.2383)	72110112	2.1955	(.8644)	.4438	(.1747)	2.1469	(.8452)	.5250	(.2067)	NOV-1
2	2.5260	(.9945)	64111612	1.9537	(.7692)	.2596	(.1022)	1.9474	(.7667)	.3276	(.1290)	2
DEC-1	2.5194	(.9919)	71121100	1.8512	(.7288)	.4314	(.1698)	1.8220	(.7173)	.3736	(.1471)	DEC-1
2	2.2987	(.9050)	67121812	1.7396	(.6849)	.3711	(.1461)	1.7343	(.6828)	.3781	(.1489)	2
				SURFACE TO 850MB								
JAN-1	1.3470	(.5303)	47011503	.9081	(.3575)	.2677	(.1054)	.8907	(.3507)	.2789	(.1098)	JAN-1
2	1.2545	(.4939)	67012412	.9146	(.3601)	.2410	(.0949)	.8419	(.3315)	.3052	(.1201)	2
FEB-1	1.2271	(.4831)	48021403	.8819	(.3472)	.2483	(.0977)	.8723	(.3434)	.1787	(.0703)	FEB-1
2	1.1910	(.4689)	62022700	.7320	(.2882)	.2549	(.1004)	.6986	(.2750)	.2421	(.0953)	2
MAR-1	1.3942	(.5489)	67031312	.9414	(.3706)	.1869	(.0736)	.9653	(.3800)	.2093	(.0824)	MAR-1
2	1.7214	(.6777)	48032103	1.0526	(.4144)	.2861	(.1126)	.9876	(.3888)	.2263	(.0891)	2
APR-1	1.5575	(.6132)	48040803	1.2348	(.4861)	.1552	(.0611)	1.1291	(.4445)	.2280	(.0897)	APR-1
2	1.8062	(.7111)	70043012	1.2895	(.5077)	.1366	(.0538)	1.3684	(.5387)	.1833	(.0722)	2
MAY-1	1.7244	(.6789)	46051503	1.4474	(.5699)	.1519	(.0598)	1.4455	(.5691)	.1505	(.0593)	MAY-1
2	1.7678	(.6960)	65052700	1.5362	(.6048)	.1991	(.0784)	1.5147	(.5963)	.1617	(.0637)	2
JUN-1	2.0803	(.8190)	47060803	1.7587	(.6924)	.1458	(.0574)	1.7860	(.7032)	.1198	(.0471)	JUN-1
2	2.3266	(.9160)	46062015	1.9005	(.7482)	.2265	(.0892)	1.9835	(.7809)	.2105	(.0829)	2
JUL-1	2.2113	(.8706)	66071312	1.9768	(.7783)	.1357	(.0534)	1.9747	(.7774)	.1652	(.0650)	JUL-1
2	2.3658	(.9314)	48071715	2.0484	(.8065)	.1168	(.0460)	2.0537	(.8085)	.1620	(.0638)	2
AUG-1	2.6256	(1.0337)	47080403	1.9808	(.7798)	.2372	(.0934)	1.9776	(.7786)	.1599	(.0629)	AUG-1
2	2.6642	(1.0489)	47082103	2.0592	(.8107)	.2368	(.0932)	2.0209	(.7956)	.2276	(.0896)	2
SEP-1	2.1758	(.8566)	47090903	1.8676	(.7353)	.1940	(.0764)	1.8474	(.7273)	.1837	(.0723)	SEP-1
2	2.0665	(.8136)	70091812	1.7382	(.6843)	.2315	(.0911)	1.7159	(.6755)	.2250	(.0886)	2
OCT-1	1.7216	(.6778)	71100212	1.5003	(.5907)	.1337	(.0526)	1.5170	(.5972)	.1784	(.0702)	OCT-1
2	1.7254	(.6793)	46103115	1.3575	(.5345)	.2041	(.0804)	1.3733	(.5407)	.2469	(.0972)	2
NOV-1	1.7247	(.6790)	71110200	1.2160	(.4787)	.2473	(.0974)	1.1937	(.4700)	.2728	(.1074)	NOV-1
2	1.3853	(.5454)	64111612	1.0985	(.4325)	.1655	(.0652)	1.0421	(.4103)	.2107	(.0830)	2
DEC-1	1.3020	(.5126)	66121000	.9835	(.3872)	.2336	(.0920)	.9816	(.3865)	.2225	(.0876)	DEC-1
2	1.2824	(.5049)	67121900	.9241	(.3638)	.1942	(.0765)	.9034	(.3557)	.2316	(.0912)	2

HURON, S.D. 15 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
APR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	2.4430	(.9618)	72051212	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	3.2573	(1.2824)	68053112	2.5110	(.9886)	.4160	(.1638)	3.0948	(1.2184)	.1506	(.0593)	2
JUN-1	4.1742	(1.6434)	70061500	3.2218	(1.2684)	.5722	(.2253)	3.0765	(1.2112)	.8457	(.3330)	JUN-1
2	4.3647	(1.7184)	66062100	3.6282	(1.4284)	.4102	(.1615)	3.6246	(1.4270)	.3867	(.1522)	2
JUL-1	5.1605	(2.0317)	65071212	3.8319	(1.5086)	.2500	(.0984)	3.9303	(1.5473)	.5618	(.2212)	JUL-1
2	4.9329	(1.9421)	63072412	3.8051	(1.4981)	.5445	(.2144)	3.9980	(1.5740)	.6072	(.2390)	2
AUG-1	5.1232	(2.0170)	59080300	3.8552	(1.5178)	.6188	(.2436)	3.8968	(1.5342)	.6086	(.2396)	AUG-1
2	5.1242	(2.0174)	60081712	3.7205	(1.4648)	.8164	(.3214)	3.8939	(1.5330)	.6125	(.2411)	2
SEP-1	4.2893	(1.6887)	58090512	3.1895	(1.2557)	.5496	(.2164)	3.2630	(1.2847)	.4385	(.1726)	SEP-1
2	4.1780	(1.6449)	63091812	2.8904	(1.1379)	.4942	(.1946)	3.0442	(1.1985)	.5122	(.2016)	2
OCT-1	2.2042	(.8678)	58100800	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
				SURFACE TO 700MB								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
APR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	1.9268	(.7586)	72051200	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	2.4943	(.9820)	72052212	1.9622	(.7725)	.3644	(.1435)	2.2769	(.8964)	.1693	(.0666)	2
JUN-1	3.1415	(1.2368)	59061100	2.4744	(.9742)	.5072	(.1997)	2.3455	(.9234)	.6704	(.2639)	JUN-1
2	3.3322	(1.3119)	61063000	2.7749	(1.0925)	.3235	(.1274)	2.7240	(1.0725)	.3025	(.1191)	2
JUL-1	3.8613	(1.5202)	65071212	2.9091	(1.1453)	.1794	(.0706)	2.9296	(1.1534)	.3472	(.1367)	JUL-1
2	3.5593	(1.4013)	72072200	2.8885	(1.1372)	.3980	(.1567)	2.9786	(1.1727)	.4107	(.1617)	2
AUG-1	3.7122	(1.4615)	59080300	2.8041	(1.1040)	.4664	(.1836)	2.8277	(1.1133)	.3372	(.1327)	AUG-1
2	3.7320	(1.4693)	59082000	2.7642	(1.0883)	.5671	(.2233)	2.8256	(1.1124)	.4158	(.1637)	2
SEP-1	3.3099	(1.3031)	60090200	2.4232	(.9540)	.4112	(.1619)	2.4374	(.9596)	.3350	(.1319)	SEP-1
2	3.3236	(1.3085)	63091812	2.1812	(.8587)	.3751	(.1477)	2.1746	(.8562)	.4712	(.1855)	2
OCT-1	1.7242	(.6788)	58100800	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
				SURFACE TO 850MB								
JAN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
APR-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	1.0203	(.4017)	72051200	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	1.3195	(.5195)	72052200	1.1463	(.4513)	.2190	(.0862)	1.1002	(.4331)	.0638	(.0251)	2
JUN-1	1.5987	(.6294)	72060900	1.3096	(.5156)	.2702	(.1064)	1.2209	(.4807)	.3197	(.1259)	JUN-1
2	1.9434	(.7651)	61063000	1.4576	(.5738)	.2222	(.0875)	1.4379	(.5661)	.1808	(.0712)	2
JUL-1	1.9916	(.7841)	65071212	1.5616	(.6148)	.1070	(.0421)	1.5897	(.6259)	.1379	(.0543)	JUL-1
2	1.8727	(.7373)	66072612	1.5691	(.6177)	.1799	(.0708)	1.6052	(.6320)	.2062	(.0812)	2
AUG-1	1.9136	(.7534)	59080300	1.4908	(.5869)	.2614	(.1029)	1.5797	(.6219)	.1609	(.0633)	AUG-1
2	1.9032	(.7493)	59082112	1.4387	(.5664)	.2429	(.0956)	1.4811	(.5831)	.1965	(.0774)	2
SEP-1	1.8123	(.7135)	60090200	1.3063	(.5143)	.2391	(.0941)	1.3353	(.5257)	.1922	(.0757)	SEP-1
2	1.7188	(.6767)	63091800	1.1182	(.4402)	.2953	(.1163)	1.1217	(.4416)	.2485	(.0978)	2
OCT-1	.7943	(.3127)	58100800	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	OCT-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
NOV-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	NOV-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
DEC-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	DEC-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2

INTERNATIONAL FALLS, MINN. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.6406	(.6459)	53011003	1.0723	(.4222)	.2019	(.0795)	.9978	(.3928)	.2098	(.0826)	JAN-1
2	1.6231	(.6390)	69011600	.9225	(.3632)	.2974	(.1171)	.9352	(.3682)	.2470	(.0973)	2
FEB-1	1.6878	(.6645)	66020912	1.0244	(.4033)	.2768	(.1090)	.9722	(.3828)	.2565	(.1010)	FEB-1
2	1.8301	(.7205)	51022503	1.0201	(.4016)	.2981	(.1174)	.9673	(.3808)	.3565	(.1403)	2
MAR-1	1.7996	(.7085)	71031412	1.0227	(.4026)	.2775	(.1093)	1.0482	(.4127)	.3397	(.1337)	MAR-1
2	2.1928	(.8633)	61032612	1.3223	(.5206)	.3833	(.1509)	1.3744	(.5411)	.4122	(.1623)	2
APR-1	2.5154	(.9903)	63040312	1.4850	(.5847)	.3216	(.1266)	1.5697	(.6180)	.4315	(.1699)	APR-1
2	2.8179	(1.1094)	57041915	1.8865	(.7427)	.4636	(.1825)	1.9172	(.7548)	.4740	(.1866)	2
MAY-1	3.3713	(1.3273)	59050512	2.2453	(.8840)	.5060	(.1992)	2.2619	(.8905)	.5572	(.2194)	MAY-1
2	3.8090	(1.4996)	51052503	2.6587	(1.0467)	.5485	(.2159)	2.6984	(1.0624)	.4398	(.1731)	2
JUN-1	4.0122	(1.5796)	54061503	3.1718	(1.2488)	.4520	(.1780)	3.1048	(1.2224)	.3550	(.1398)	JUN-1
2	4.2017	(1.6542)	52061615	3.4008	(1.3389)	.4439	(.1748)	3.3194	(1.3069)	.5458	(.2149)	2
JUL-1	5.0749	(1.9980)	49070303	3.7163	(1.4631)	.5685	(.2238)	3.5111	(1.3823)	.4830	(.1902)	JUL-1
2	4.7648	(1.8759)	57071812	3.6515	(1.4376)	.4600	(.1811)	3.4718	(1.3669)	.4718	(.1857)	2
AUG-1	4.7231	(1.8595)	57080712	3.6156	(1.4235)	.5073	(.1997)	3.5646	(1.4034)	.5065	(.1994)	AUG-1
2	4.5847	(1.8050)	68082400	3.5930	(1.4146)	.6945	(.2734)	3.5064	(1.3805)	.5200	(.2047)	2
SEP-1	4.8021	(1.8906)	71090412	3.3061	(1.3016)	.5630	(.2216)	3.3441	(1.3166)	.6609	(.2602)	SEP-1
2	3.9967	(1.5735)	72092012	2.7159	(1.0692)	.5603	(.2206)	2.7756	(1.0928)	.5687	(.2239)	2
OCT-1	4.1468	(1.6326)	49101015	2.4674	(.9714)	.5240	(.2063)	2.4852	(.9784)	.5410	(.2130)	OCT-1
2	3.5606	(1.4018)	68101600	2.2636	(.8912)	.5710	(.2248)	2.0590	(.8106)	.5372	(.2115)	2
NOV-1	2.5908	(1.0200)	56110415	1.5649	(.6161)	.2996	(.1180)	1.6261	(.6402)	.3302	(.1300)	NOV-1
2	2.1580	(.8496)	58111800	1.3191	(.5193)	.3422	(.1347)	1.3081	(.5150)	.2988	(.1176)	2
DEC-1	2.1239	(.8362)	51120315	1.1913	(.4690)	.3280	(.1291)	1.2713	(.5005)	.3541	(.1394)	DEC-1
2	2.2172	(.8729)	67121712	1.0759	(.4236)	.3501	(.1378)	1.0925	(.4301)	.3383	(.1332)	2
				SURFACE TO 700MB								
JAN-1	1.0599	(.4173)	53011003	.7109	(.2799)	.1408	(.0554)	.6825	(.2687)	.1425	(.0561)	JAN-1
2	.9830	(.3870)	67012300	.6144	(.2419)	.1899	(.0748)	.6086	(.2396)	.1592	(.0627)	2
FEB-1	1.0823	(.4261)	54021503	.7129	(.2807)	.1878	(.0739)	.6551	(.2579)	.1772	(.0698)	FEB-1
2	1.3144	(.5175)	51022503	.6967	(.2743)	.2010	(.0791)	.6775	(.2667)	.2237	(.0881)	2
MAR-1	1.2670	(.4988)	70030312	.7211	(.2839)	.1682	(.0662)	.7319	(.2881)	.2380	(.0937)	MAR-1
2	1.6924	(.6663)	67033012	.9460	(.3724)	.2540	(.1000)	.9834	(.3871)	.3247	(.1278)	2
APR-1	1.7394	(.6848)	63040312	1.0536	(.4148)	.2384	(.0938)	1.0809	(.4255)	.2904	(.1143)	APR-1
2	2.1377	(.8416)	48042503	1.3649	(.5374)	.3712	(.1462)	1.3480	(.5307)	.3303	(.1300)	2
MAY-1	2.4333	(.9580)	59050400	1.6102	(.6339)	.3835	(.1510)	1.6543	(.6513)	.3544	(.1395)	MAY-1
2	2.6175	(1.0305)	53053003	1.9531	(.7689)	.4062	(.1599)	1.9533	(.7690)	.2885	(.1136)	2
JUN-1	3.3200	(1.3071)	52061403	2.3750	(.9350)	.3592	(.1414)	2.3060	(.9079)	.2732	(.1076)	JUN-1
2	3.0081	(1.1843)	49063003	2.5452	(1.0020)	.2740	(.1079)	2.4811	(.9768)	.2990	(.1177)	2
JUL-1	3.8865	(1.5301)	49070303	2.8443	(1.1198)	.4493	(.1769)	2.6026	(1.0246)	.2682	(.1056)	JUL-1
2	3.6899	(1.4527)	57071900	2.7541	(1.0843)	.3977	(.1566)	2.6685	(1.0506)	.3154	(.1242)	2
AUG-1	3.4204	(1.3466)	62080600	2.6702	(1.0513)	.3596	(.1416)	2.6354	(1.0376)	.2725	(.1073)	AUG-1
2	3.5738	(1.4070)	72082100	2.7573	(1.0856)	.4550	(.1791)	2.6452	(1.0414)	.3545	(.1396)	2
SEP-1	3.4811	(1.3705)	71090212	2.4586	(.9680)	.4366	(.1719)	2.4449	(.9625)	.4894	(.1927)	SEP-1
2	2.9497	(1.1613)	58092400	2.0135	(.7927)	.4329	(.1704)	2.0489	(.8067)	.4421	(.1740)	2
OCT-1	2.7493	(1.0824)	69100500	1.8197	(.7164)	.3818	(.1503)	1.7766	(.6994)	.3677	(.1448)	OCT-1
2	2.7142	(1.0686)	68101600	1.6831	(.6626)	.4648	(.1830)	1.4970	(.5894)	.3947	(.1554)	2
NOV-1	1.8882	(.7434)	56110415	1.1146	(.4388)	.2697	(.1062)	1.1707	(.4609)	.2852	(.1123)	NOV-1
2	1.4206	(.5593)	58111712	.8868	(.3491)	.2293	(.0903)	.9057	(.3566)	.2101	(.0827)	2
DEC-1	1.5593	(.6139)	51120315	.7896	(.3109)	.2278	(.0897)	.8879	(.3496)	.2824	(.1112)	DEC-1
2	1.3754	(.5415)	59122700	.7271	(.2862)	.2279	(.0897)	.7308	(.2877)	.2151	(.0847)	2
				SURFACE TO 850MB								
JAN-1	.4232	(.1666)	53011003	.3092	(.1217)	.0590	(.0232)	.3138	(.1235)	.0555	(.0219)	JAN-1
2	.4902	(.1930)	68012200	.2776	(.1093)	.0876	(.0345)	.2697	(.1062)	.0941	(.0371)	2
FEB-1	.5100	(.2008)	66021000	.3216	(.1266)	.0870	(.0342)	.2946	(.1160)	.0796	(.0313)	FEB-1
2	.5959	(.2346)	51022503	.3207	(.1263)	.0952	(.0375)	.3185	(.1254)	.0983	(.0387)	2
MAR-1	.5453	(.2147)	66031012	.3436	(.1353)	.0701	(.0276)	.3499	(.1378)	.0902	(.0355)	MAR-1
2	.8245	(.3246)	67033012	.4524	(.1781)	.1179	(.0464)	.4569	(.1799)	.1457	(.0574)	2
APR-1	.7643	(.3009)	63040100	.4981	(.1961)	.1110	(.0437)	.5037	(.1983)	.1112	(.0438)	APR-1
2	1.1146	(.4388)	48042503	.6660	(.2622)	.1891	(.0745)	.6582	(.2591)	.1716	(.0676)	2
MAY-1	1.2695	(.4998)	59050400	.8164	(.3214)	.2183	(.0859)	.8112	(.3194)	.1688	(.0665)	MAY-1
2	1.3343	(.5253)	51051903	.9800	(.3858)	.2046	(.0806)	.9985	(.3931)	.1569	(.0618)	2
JUN-1	1.6713	(.6580)	52061403	1.2309	(.4846)	.1796	(.0707)	1.1975	(.4715)	.1828	(.0720)	JUN-1
2	1.6017	(.6306)	54062915	1.3076	(.5148)	.1523	(.0600)	1.3058	(.5141)	.1522	(.0599)	2
JUL-1	1.9756	(.7778)	49070303	1.5296	(.6022)	.2350	(.0925)	1.4309	(.5633)	.1664	(.0655)	JUL-1
2	2.0043	(.7891)	47073003	1.5138	(.5960)	.2267	(.0893)	1.4698	(.5787)	.1968	(.0775)	2
AUG-1	1.8324	(.7214)	55080403	1.4513	(.5714)	.1918	(.0755)	1.3652	(.5375)	.1396	(.0550)	AUG-1
2	1.9939	(.7850)	48082403	1.4981	(.5898)	.2448	(.0964)	1.4403	(.5670)	.1921	(.0756)	2
SEP-1	1.8588	(.7318)	60090400	1.3312	(.5241)	.2250	(.0886)	1.2881	(.5071)	.2373	(.0934)	SEP-1
2	1.6231	(.6390)	63091800	1.1078	(.4361)	.2229	(.0878)	1.0740	(.4228)	.2272	(.0894)	2
OCT-1	1.4211	(.5595)	69100500	.9103	(.3584)	.2055	(.0809)	.9006	(.3546)	.1846	(.0727)	OCT-1
2	1.4239	(.5606)	68101600	.8406	(.3309)	.2581	(.1016)	.7886	(.3105)	.2139	(.0842)	2
NOV-1	1.0511	(.4138)	56110415	.5614	(.2210)	.1539	(.0606)	.5750	(.2264)	.1597	(.0629)	NOV-1
2	.7122	(.2804)	66112200	.4359	(.1716)	.1171	(.0461)	.4192	(.1650)	.0957	(.0377)	2
DEC-1	.7150	(.2815)	51120315	.3784	(.1490)	.1157	(.0455)	.3953	(.1556)	.1297	(.0511)	DEC-1
2	.6243	(.2458)	47122415	.3376	(.1329)	.0903	(.0355)	.3485	(.1372)	.0973	(.0383)	2

JACKSON, MISS. 19 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.2177	(1.6605)	71011500	3.0441	(1.1985)	.6241	(.2457)	2.8500	(1.1220)	.6098	(.2401)	JAN-1
2	4.0841	(1.6079)	57012815	3.0835	(1.2140)	.4419	(.1740)	3.0940	(1.2181)	.4474	(.1761)	2
FEB-1	4.0820	(1.6071)	66021012	3.1036	(1.2219)	.6518	(.2566)	3.0014	(1.1816)	.6185	(.2435)	FEB-1
2	3.9726	(1.5640)	61022100	3.0395	(1.1966)	.6227	(.2452)	2.8149	(1.1082)	.6694	(.2635)	2
MAR-1	4.3345	(1.7065)	53030403	3.3278	(1.3102)	.5413	(.2131)	3.1497	(1.2400)	.5253	(.2068)	MAR-1
2	4.1613	(1.6383)	54032515	3.3320	(1.3118)	.4205	(.1656)	3.2667	(1.2861)	.4678	(.1842)	2
APR-1	4.5913	(1.8076)	64040600	3.6604	(1.4411)	.5066	(.1994)	3.3669	(1.3256)	.5841	(.2300)	APR-1
2	4.4968	(1.7704)	53042915	3.8377	(1.5109)	.3261	(.1284)	3.6718	(1.4456)	.4486	(.1766)	2
MAY-1	4.4879	(1.7669)	56050515	3.8994	(1.5352)	.3492	(.1375)	3.7856	(1.4904)	.3833	(.1509)	MAY-1
2	4.9279	(1.9401)	59053112	4.0163	(1.5812)	.3787	(.1491)	4.0721	(1.6032)	.2663	(.1048)	2
JUN-1	5.8329	(2.2964)	58061512	4.3155	(1.6990)	.5219	(.2055)	4.4544	(1.7537)	.4926	(.1939)	JUN-1
2	5.3416	(2.1030)	70062400	4.8140	(1.8953)	.3771	(.1485)	4.7254	(1.8604)	.3219	(.1267)	2
JUL-1	5.7917	(2.2802)	69071100	5.0193	(1.9761)	.4186	(.1648)	4.9291	(1.9406)	.3440	(.1354)	JUL-1
2	5.7887	(2.2790)	57072100	5.2750	(2.0768)	.2755	(.1085)	5.1061	(2.0103)	.3588	(.1413)	2
AUG-1	6.2334	(2.4541)	70080400	5.1948	(2.0452)	.3857	(.1518)	5.1871	(2.0422)	.3557	(.1400)	AUG-1
2	5.7290	(2.2555)	70082312	5.2223	(2.0560)	.3317	(.1306)	5.1036	(2.0093)	.3379	(.1330)	2
SEP-1	5.9599	(2.3464)	65091012	5.0135	(1.9738)	.3773	(.1486)	4.8888	(1.9247)	.4929	(.1940)	SEP-1
2	5.4092	(2.1296)	58092112	4.8052	(1.8918)	.4562	(.1796)	4.6097	(1.8149)	.4250	(.1673)	2
OCT-1	5.2781	(2.0780)	64100412	4.1137	(1.6196)	.8092	(.3186)	4.2404	(1.6695)	.5926	(.2333)	OCT-1
2	5.3327	(2.0995)	69102100	3.8669	(1.5224)	.5921	(.2331)	3.6377	(1.4322)	.4950	(.1949)	2
NOV-1	4.6721	(1.8394)	58111512	3.3863	(1.3332)	.7367	(.2900)	3.3803	(1.3308)	.6510	(.2563)	NOV-1
2	4.8679	(1.9165)	61111600	3.6472	(1.4359)	.6214	(.2446)	3.2504	(1.2797)	.5085	(.2002)	2
DEC-1	4.2824	(1.6860)	67121500	3.4843	(1.3718)	.6796	(.2676)	3.2395	(1.2754)	.5367	(.2113)	DEC-1
2	4.2431	(1.6705)	68122212	3.4223	(1.3473)	.5714	(.2249)	3.3264	(1.3096)	.5144	(.2025)	2
				SURFACE TO 700MB								
JAN-1	3.1491	(1.2398)	60011312	2.3323	(.9182)	.4783	(.1883)	2.3133	(.9107)	.4722	(.1859)	JAN-1
2	3.3020	(1.3000)	57012815	2.4123	(.9497)	.4012	(.1579)	2.4392	(.9603)	.4431	(.1745)	2
FEB-1	3.1247	(1.2302)	57020115	2.3917	(.9416)	.4251	(.1674)	2.3934	(.9423)	.4229	(.1665)	FEB-1
2	3.1841	(1.2536)	62022700	2.2706	(.8939)	.5890	(.2319)	2.2406	(.8821)	.5474	(.2155)	2
MAR-1	3.8776	(1.5266)	53030403	2.6437	(1.0408)	.5481	(.2158)	2.5143	(.9899)	.4098	(.1613)	MAR-1
2	3.4760	(1.3685)	54032515	2.6595	(1.0471)	.3011	(.1186)	2.6297	(1.0353)	.4322	(.1702)	2
APR-1	3.6947	(1.4546)	55040515	2.9488	(1.1609)	.3813	(.1501)	2.7534	(1.0840)	.5029	(.1980)	APR-1
2	3.6378	(1.4322)	53042915	3.0132	(1.1863)	.1849	(.0728)	2.9630	(1.1665)	.2998	(.1180)	2
MAY-1	3.5512	(1.3981)	69050812	3.1291	(1.2319)	.2142	(.0843)	3.0315	(1.1935)	.2777	(.1093)	MAY-1
2	3.7544	(1.4781)	59053112	3.2136	(1.2652)	.2645	(.1041)	3.1682	(1.2473)	.2330	(.0917)	2
JUN-1	4.1994	(1.6533)	58061512	3.4562	(1.3607)	.2996	(.1180)	3.4883	(1.3734)	.2659	(.1047)	JUN-1
2	4.1943	(1.6513)	70062400	3.6599	(1.4409)	.2340	(.0921)	3.6286	(1.4286)	.1808	(.0712)	2
JUL-1	4.1407	(1.6302)	69071212	3.8141	(1.5016)	.2175	(.0856)	3.7614	(1.4809)	.2044	(.0805)	JUL-1
2	4.1422	(1.6308)	57072100	3.8983	(1.5348)	.1737	(.0684)	3.8401	(1.5118)	.1748	(.0688)	2
AUG-1	4.4547	(1.7538)	70080400	3.9204	(1.5434)	.2773	(.1092)	3.9423	(1.5521)	.2532	(.0997)	AUG-1
2	4.1778	(1.6448)	69082100	3.8801	(1.5276)	.1838	(.0724)	3.8344	(1.5096)	.1884	(.0742)	2
SEP-1	4.2393	(1.6690)	62091200	3.7776	(1.4872)	.2097	(.0825)	3.6646	(1.4427)	.3322	(.1308)	SEP-1
2	4.1648	(1.6397)	72091800	3.6595	(1.4407)	.3005	(.1183)	3.5584	(1.4009)	.2922	(.1150)	2
OCT-1	4.0526	(1.5955)	66101000	3.2203	(1.2679)	.5463	(.2151)	3.2720	(1.2882)	.3796	(.1494)	OCT-1
2	3.9258	(1.5456)	69102100	2.9123	(1.1466)	.3983	(.1568)	2.8810	(1.1343)	.3738	(.1472)	2
NOV-1	3.6604	(1.4411)	58111512	2.7137	(1.0684)	.4998	(.1968)	2.7026	(1.0640)	.4677	(.1841)	NOV-1
2	3.6558	(1.4393)	58111600	2.8175	(1.1093)	.4400	(.1732)	2.5922	(1.0206)	.3825	(.1506)	2
DEC-1	3.4270	(1.3492)	72120900	2.5983	(1.0230)	.5034	(.1982)	2.4838	(.9779)	.4199	(.1653)	DEC-1
2	3.2611	(1.2839)	67122012	2.6107	(1.0278)	.4547	(.1790)	2.6089	(1.0271)	.4501	(.1772)	2
				SURFACE TO 850MB								
JAN-1	1.8847	(.7420)	71011500	1.4111	(.5555)	.2870	(.1130)	1.3905	(.5474)	.2728	(.1074)	JAN-1
2	1.9256	(.7581)	57012815	1.4627	(.5759)	.2988	(.1176)	1.5174	(.5974)	.2716	(.1069)	2
FEB-1	1.8656	(.7345)	54021515	1.4806	(.5829)	.2337	(.0920)	1.5070	(.5933)	.2502	(.0985)	FEB-1
2	2.0071	(.7902)	56021615	1.3163	(.5182)	.4012	(.1579)	1.3653	(.5375)	.3728	(.1468)	2
MAR-1	2.0879	(.8220)	53030403	1.5752	(.6201)	.3066	(.1207)	1.5530	(.6114)	.2372	(.0934)	MAR-1
2	1.9853	(.7816)	70031912	1.6104	(.6340)	.2133	(.0840)	1.6032	(.6312)	.2268	(.0893)	2
APR-1	2.2029	(.8673)	55040515	1.7869	(.7035)	.2281	(.0898)	1.7556	(.6912)	.3000	(.1181)	APR-1
2	2.2146	(.8719)	58042400	1.9031	(.7492)	.1200	(.0472)	1.8618	(.7330)	.1199	(.0472)	2
MAY-1	2.3840	(.9386)	53050203	1.9237	(.7574)	.1906	(.0751)	1.9306	(.7601)	.1266	(.0498)	MAY-1
2	2.2032	(.8674)	60052000	1.9913	(.7840)	.1735	(.0683)	2.0068	(.7901)	.1362	(.0536)	2
JUN-1	2.4917	(.9810)	70061412	2.1398	(.8424)	.1765	(.0695)	2.1851	(.8603)	.1596	(.0628)	JUN-1
2	2.6741	(1.0528)	72062912	2.2496	(.8857)	.1508	(.0594)	2.3072	(.9083)	.1628	(.0641)	2
JUL-1	2.5847	(1.0176)	57071000	2.3284	(.9167)	.1467	(.0577)	2.3346	(.9191)	.0799	(.0315)	JUL-1
2	2.5710	(1.0122)	69072712	2.3747	(.9349)	.1012	(.0399)	2.3880	(.9402)	.0945	(.0372)	2
AUG-1	2.7816	(1.0951)	59080112	2.3783	(.9363)	.1183	(.0466)	2.4527	(.9656)	.1436	(.0565)	AUG-1
2	2.5126	(.9892)	70082212	2.3328	(.9184)	.1042	(.0410)	2.3699	(.9330)	.0875	(.0345)	2
SEP-1	2.7117	(1.0676)	70090612	2.3130	(.9106)	.1098	(.0432)	2.2636	(.8912)	.2140	(.0842)	SEP-1
2	2.4648	(.9704)	70092212	2.2085	(.8695)	.1710	(.0673)	2.1663	(.8529)	.1737	(.0684)	2
OCT-1	2.3490	(.9248)	66101000	1.9833	(.7808)	.2413	(.0950)	1.9834	(.7809)	.2156	(.0849)	OCT-1
2	2.2931	(.9028)	69102100	1.7709	(.6972)	.1910	(.0752)	1.7780	(.7000)	.2012	(.0792)	2
NOV-1	2.1046	(.8286)	58111512	1.6653	(.6556)	.2735	(.1077)	1.6722	(.6584)	.2773	(.1092)	NOV-1
2	2.2070	(.8689)	58111600	1.7329	(.6823)	.2354	(.0927)	1.5974	(.6289)	.2291	(.0902)	2
DEC-1	2.0635	(.8124)	72121000	1.5279	(.6015)	.3139	(.1236)	1.5230	(.5996)	.2485	(.0978)	DEC-1
2	2.0566	(.8097)	67122012	1.5539	(.6118)	.2259	(.0889)	1.5777	(.6211)	.3265	(.1285)	2

JACKSONVILLE, FLA. 23 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.2962	(1.6914)	59010200	3.3694	(1.3265)	.6260	(.2465)	3.2973	(1.2982)	.6716	(.2644)	JAN-1
2	4.0932	(1.6115)	53012403	3.3028	(1.3003)	.3620	(.1425)	3.2742	(1.2891)	.4707	(.1853)	2
FEB-1	4.2012	(1.6540)	59020412	3.1351	(1.2343)	.6011	(.2366)	3.2216	(1.2684)	.4658	(.1834)	FEB-1
2	4.0683	(1.6017)	60022500	3.2264	(1.2702)	.4902	(.1930)	3.1978	(1.2590)	.5122	(.2017)	2
MAR-1	4.2862	(1.6875)	54031415	3.5208	(1.3861)	.4304	(.1694)	3.4503	(1.3584)	.5502	(.2166)	MAR-1
2	4.3294	(1.7045)	55032215	3.3315	(1.3116)	.6603	(.2599)	3.4020	(1.3394)	.6167	(.2428)	2
APR-1	4.5403	(1.7875)	55041403	3.7032	(1.4580)	.4703	(.1851)	3.6016	(1.4180)	.4567	(.1798)	APR-1
2	4.6144	(1.8167)	71042900	3.8507	(1.5160)	.4621	(.1819)	3.6115	(1.4218)	.4914	(.1935)	2
MAY-1	4.8311	(1.9020)	56050703	3.9819	(1.5677)	.3948	(.1554)	3.8352	(1.5099)	.5031	(.1981)	MAY-1
2	5.3650	(2.1122)	68052600	4.4565	(1.7545)	.4954	(.1950)	4.3443	(1.7104)	.4922	(.1938)	2
JUN-1	6.1773	(2.4320)	68060700	4.7388	(1.8657)	.6168	(.2429)	4.6401	(1.8268)	.6440	(.2535)	JUN-1
2	6.0317	(2.3747)	66061900	5.3077	(2.0896)	.3180	(.1252)	4.9120	(1.9338)	.4195	(.1652)	2
JUL-1	6.0274	(2.3730)	67070900	5.3145	(2.0923)	.3344	(.1317)	5.0182	(1.9757)	.3196	(.1258)	JUL-1
2	5.9548	(2.3444)	69072500	5.3952	(2.1241)	.2872	(.1131)	5.1737	(2.0369)	.3568	(.1405)	2
AUG-1	6.0559	(2.3842)	70081200	5.5133	(2.1706)	.2504	(.0986)	5.2370	(2.0618)	.3125	(.1230)	AUG-1
2	6.3607	(2.5042)	57083000	5.5072	(2.1682)	.3598	(.1417)	5.3016	(2.0872)	.3722	(.1465)	2
SEP-1	6.1277	(2.4125)	64091012	5.3275	(2.0974)	.3235	(.1273)	5.1912	(2.0438)	.4284	(.1687)	SEP-1
2	5.8974	(2.3218)	65093012	5.1623	(2.0324)	.3801	(.1497)	5.0156	(1.9746)	.4824	(.1899)	2
OCT-1	5.9065	(2.3254)	57100200	4.9971	(1.9674)	.6215	(.2447)	4.6925	(1.8474)	.5989	(.2358)	OCT-1
2	5.9660	(2.3488)	68101912	4.2687	(1.6806)	.6544	(.2576)	4.2384	(1.6687)	.7013	(.2761)	2
NOV-1	5.0198	(1.9763)	71110100	3.9293	(1.5470)	.5232	(.2060)	3.8381	(1.5111)	.5186	(.2042)	NOV-1
2	4.7249	(1.8602)	57111700	3.6239	(1.4267)	.6742	(.2654)	3.3790	(1.3303)	.5868	(.2310)	2
DEC-1	4.9378	(1.9440)	68120300	3.5045	(1.3797)	.7402	(.2914)	3.5432	(1.3950)	.6389	(.2516)	DEC-1
2	4.5735	(1.8006)	67121600	3.4893	(1.3737)	.4659	(.1834)	3.4713	(1.3666)	.3524	(.1387)	2
				SURFACE TO 700MB								
JAN-1	3.4138	(1.3440)	67011012	2.7160	(1.0693)	.5003	(.1970)	2.6197	(1.0314)	.5051	(.1989)	JAN-1
2	3.3144	(1.3049)	54012215	2.6225	(1.0325)	.2928	(.1153)	2.6733	(1.0525)	.3635	(.1431)	2
FEB-1	3.1709	(1.2484)	59020412	2.5403	(1.0001)	.4594	(.1808)	2.5423	(1.0009)	.2985	(.1175)	FEB-1
2	3.1633	(1.2454)	61022012	2.6196	(1.0313)	.3865	(.1522)	2.6472	(1.0422)	.3831	(.1508)	2
MAR-1	3.5977	(1.4164)	54031415	2.8463	(1.1206)	.3501	(.1378)	2.8121	(1.1071)	.3898	(.1535)	MAR-1
2	3.5999	(1.4173)	57032503	2.7435	(1.0801)	.5607	(.2208)	2.7493	(1.0824)	.4260	(.1677)	2
APR-1	3.6302	(1.4292)	55041403	2.9502	(1.1615)	.3354	(.1320)	2.8997	(1.1416)	.3297	(.1298)	APR-1
2	3.7526	(1.4774)	71042900	3.1250	(1.2303)	.3017	(.1188)	2.9540	(1.1630)	.3660	(.1441)	2
MAY-1	3.7338	(1.4700)	56050703	3.2223	(1.2686)	.2651	(.1044)	3.0996	(1.2203)	.3069	(.1208)	MAY-1
2	4.0447	(1.5924)	59052012	3.5150	(1.3839)	.2983	(.1174)	3.3942	(1.3363)	.3565	(.1403)	2
JUN-1	4.4742	(1.7615)	58061500	3.7411	(1.4729)	.3721	(.1465)	3.6515	(1.4376)	.4146	(.1632)	JUN-1
2	4.5834	(1.8045)	54062803	4.0821	(1.6071)	.2248	(.0885)	3.7910	(1.4925)	.1756	(.0691)	2
JUL-1	4.6965	(1.8490)	59071000	4.1205	(1.6223)	.2449	(.0964)	3.8833	(1.5288)	.2251	(.0886)	JUL-1
2	4.3688	(1.7200)	58073000	4.0957	(1.6125)	.1721	(.0677)	3.9984	(1.5742)	.1963	(.0773)	2
AUG-1	4.5618	(1.7960)	51080215	4.1791	(1.6453)	.1662	(.0654)	4.0501	(1.5945)	.1929	(.0760)	AUG-1
2	4.8732	(1.9186)	57083000	4.1938	(1.6511)	.2255	(.0888)	4.0794	(1.6060)	.2394	(.0943)	2
SEP-1	4.2329	(1.6665)	64091012	4.0078	(1.5779)	.1373	(.0540)	3.9729	(1.5641)	.1741	(.0685)	SEP-1
2	4.6060	(1.8134)	57091800	3.9740	(1.5646)	.2151	(.0847)	3.9569	(1.5578)	.2628	(.1035)	2
OCT-1	4.3576	(1.7156)	54100303	3.8022	(1.4969)	.3749	(.1476)	3.7015	(1.4573)	.3144	(.1238)	OCT-1
2	4.4536	(1.7534)	68101912	3.3488	(1.3184)	.4173	(.1643)	3.3248	(1.3090)	.4145	(.1632)	2
NOV-1	3.8715	(1.5242)	72111400	3.0329	(1.1940)	.4323	(.1702)	3.0028	(1.1822)	.3741	(.1473)	NOV-1
2	3.9563	(1.5576)	57111612	2.8909	(1.1381)	.4409	(.1736)	2.7601	(1.0867)	.4699	(.1850)	2
DEC-1	3.8407	(1.5121)	68120300	2.8465	(1.1206)	.4867	(.1916)	2.7832	(1.0958)	.4457	(.1755)	DEC-1
2	3.4712	(1.3666)	67121600	2.7481	(1.0819)	.3137	(.1235)	2.7383	(1.0781)	.3308	(.1302)	2
				SURFACE TO 850MB								
JAN-1	2.1095	(.8305)	67011012	1.7234	(.6785)	.2629	(.1035)	1.7139	(.6748)	.2860	(.1126)	JAN-1
2	2.2202	(.8741)	54012215	1.6901	(.6654)	.2535	(.0998)	1.7207	(.6774)	.2227	(.0877)	2
FEB-1	2.0345	(.8010)	56020603	1.6047	(.6318)	.3006	(.1184)	1.6220	(.6386)	.2233	(.0879)	FEB-1
2	2.1255	(.8368)	61022012	1.6731	(.6587)	.2674	(.1053)	1.6998	(.6692)	.2476	(.0975)	2
MAR-1	2.1443	(.8442)	53031503	1.8404	(.7246)	.2243	(.0883)	1.8324	(.7214)	.2139	(.0842)	MAR-1
2	2.2296	(.8777)	57032503	1.7588	(.6924)	.3585	(.1412)	1.7461	(.6874)	.2096	(.0825)	2
APR-1	2.2728	(.8948)	54040115	1.9073	(.7509)	.1903	(.0749)	1.8912	(.7446)	.2354	(.0927)	APR-1
2	2.3236	(.9148)	54043015	2.0161	(.7937)	.1268	(.0499)	1.9692	(.7753)	.1970	(.0776)	2
MAY-1	2.4061	(.9473)	54050103	2.0660	(.8134)	.1684	(.0663)	2.0211	(.7957)	.1976	(.0778)	MAY-1
2	2.5047	(.9861)	53052303	2.2284	(.8773)	.1668	(.0657)	2.1906	(.8624)	.1911	(.0752)	2
JUN-1	2.8565	(1.1246)	52061303	2.3937	(.9424)	.2119	(.0834)	2.3016	(.9062)	.2071	(.0815)	JUN-1
2	2.8397	(1.1180)	54062803	2.5322	(.9969)	.1557	(.0613)	2.4288	(.9562)	.0972	(.0383)	2
JUL-1	2.8075	(1.1053)	59071000	2.5885	(1.0191)	.1319	(.0519)	2.5111	(.9886)	.1132	(.0446)	JUL-1
2	2.8613	(1.1265)	52072415	2.5847	(1.0176)	.1211	(.0477)	2.5679	(1.0110)	.1331	(.0524)	2
AUG-1	2.9075	(1.1447)	53080303	2.6610	(1.0476)	.1324	(.0521)	2.6005	(1.0238)	.0840	(.0331)	AUG-1
2	2.8705	(1.1301)	57082912	2.6164	(1.0301)	.1059	(.0417)	2.5854	(1.0179)	.1259	(.0496)	2
SEP-1	2.6883	(1.0584)	65090912	2.5141	(.9898)	.0923	(.0363)	2.5174	(.9911)	.1264	(.0498)	SEP-1
2	2.7869	(1.0972)	51092815	2.4936	(.9817)	.1365	(.0538)	2.4805	(.9766)	.1436	(.0565)	2
OCT-1	2.8491	(1.1217)	54100303	2.3963	(.9434)	.2428	(.0956)	2.3354	(.9195)	.1555	(.0612)	OCT-1
2	2.7132	(1.0682)	68101812	2.1234	(.8360)	.2298	(.0905)	2.1336	(.8400)	.2338	(.0920)	2
NOV-1	2.4105	(.9490)	71110200	1.9426	(.7648)	.2383	(.0938)	1.9205	(.7561)	.2079	(.0819)	NOV-1
2	2.5463	(1.0025)	57111612	1.8665	(.7348)	.2470	(.0972)	1.8354	(.7226)	.2507	(.0987)	2
DEC-1	2.2339	(.8795)	68120300	1.8199	(.7165)	.2807	(.1105)	1.7877	(.7038)	.2497	(.0983)	DEC-1
2	2.1869	(.8610)	53122915	1.7483	(.6883)	.1873	(.0737)	1.7241	(.6788)	.2228	(.0877)	2

JOLIET, ILL. 7 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.0709	(1.2090)	49011515	2.0566	(.8097)	.3012	(.1186)	2.3434	(.9226)	.5880	(.2315)	JAN-1
2	3.1201	(1.2284)	50012515	1.7470	(.6878)	.6058	(.2385)	1.7374	(.6840)	.7198	(.2834)	2
FEB-1	2.6454	(1.0415)	49021303	1.8319	(.7212)	.4144	(.1631)	1.6563	(.6521)	.3463	(.1363)	FEB-1
2	2.3609	(.9295)	48022503	1.6707	(.6578)	.3921	(.1544)	1.7117	(.6739)	.4934	(.1943)	2
MAR-1	3.0114	(1.1856)	46030603	1.8992	(.7477)	.5867	(.2310)	1.7876	(.7038)	.5572	(.2194)	MAR-1
2	3.4392	(1.3540)	48032115	2.4830	(.9776)	.4173	(.1643)	2.5097	(.9881)	.4658	(.1834)	2
APR-1	2.7442	(1.0804)	46040803	2.3632	(.9304)	.3237	(.1275)	2.1383	(.8419)	.4510	(.1776)	APR-1
2	3.4039	(1.3401)	47042315	2.8218	(1.1110)	.3643	(.1434)	2.8153	(1.1084)	.4989	(.1964)	2
MAY-1	4.1506	(1.6341)	48051003	3.0874	(1.2155)	.7006	(.2758)	2.9910	(1.1776)	.3686	(.1451)	MAY-1
2	3.7269	(1.4673)	49051915	3.1748	(1.2499)	.3868	(.1523)	3.0317	(1.1936)	.6608	(.2601)	2
JUN-1	4.7163	(1.8568)	49061403	4.2438	(1.6708)	.3338	(.1314)	3.8405	(1.5120)	.3934	(.1549)	JUN-1
2	5.0569	(1.9909)	52061703	4.5219	(1.7803)	.5901	(.2323)	4.3898	(1.7283)	.3489	(.1373)	2
JUL-1	5.8110	(2.2878)	49070915	4.8466	(1.9081)	.4336	(.1707)	4.3315	(1.7053)	.8020	(.3158)	JUL-1
2	6.2017	(2.4416)	51072203	4.8962	(1.9276)	.7392	(.2910)	4.5851	(1.8052)	.2695	(.1061)	2
AUG-1	5.0114	(1.9730)	49081203	4.5463	(1.7899)	.4722	(.1859)	4.2577	(1.6763)	.5064	(.1994)	AUG-1
2	5.1559	(2.0299)	51083003	4.6571	(1.8335)	.3172	(.1249)	4.3458	(1.7109)	.3563	(.1403)	2
SEP-1	4.4879	(1.7669)	47091203	4.0910	(1.6106)	.3656	(.1439)	4.0787	(1.6058)	.2626	(.1034)	SEP-1
2	4.3990	(1.7319)	49091803	3.8381	(1.5111)	.5727	(.2255)	3.3067	(1.3018)	.6193	(.2438)	2
OCT-1	3.9428	(1.5523)	49100615	3.1418	(1.2369)	.6395	(.2518)	3.0495	(1.2006)	.7060	(.2780)	OCT-1
2	3.9197	(1.5432)	46102915	2.7129	(1.0681)	.6183	(.2434)	3.0072	(1.1839)	.8222	(.3237)	2
NOV-1	3.7993	(1.4958)	46110315	2.3117	(.9101)	.5848	(.2302)	2.7818	(1.0952)	.5348	(.2105)	NOV-1
2	3.3106	(1.3034)	52111715	1.9920	(.7843)	.9296	(.3660)	2.0496	(.8069)	.7233	(.2848)	2
DEC-1	2.9042	(1.1434)	46121003	2.0630	(.8122)	.8037	(.3164)	2.2347	(.8798)	.3605	(.1419)	DEC-1
2	2.7564	(1.0852)	49122103	2.0436	(.8045)	.4600	(.1811)	1.6401	(.6457)	.6265	(.2467)	2
				SURFACE TO 700MB								
JAN-1	2.3236	(.9148)	49011515	1.6094	(.6336)	.3002	(.1182)	1.6381	(.6449)	.4241	(.1670)	JAN-1
2	2.5654	(1.0100)	50012515	1.3725	(.5403)	.5377	(.2117)	1.3170	(.5185)	.5788	(.2279)	2
FEB-1	2.0861	(.8213)	46020515	1.3550	(.5334)	.3248	(.1279)	1.2913	(.5084)	.4161	(.1638)	FEB-1
2	1.7549	(.6909)	48022503	1.2921	(.5087)	.2901	(.1142)	1.2266	(.4829)	.3698	(.1456)	2
MAR-1	2.0711	(.8154)	46030603	1.3466	(.5302)	.3588	(.1413)	1.3379	(.5267)	.4029	(.1586)	MAR-1
2	2.5801	(1.0158)	48032115	1.9289	(.7594)	.2491	(.0981)	1.8296	(.7203)	.3583	(.1410)	2
APR-1	2.7683	(1.0899)	47040515	1.7818	(.7015)	.1751	(.0689)	1.8688	(.7357)	.4734	(.1864)	APR-1
2	2.6817	(1.0558)	51043003	2.2794	(.8974)	.2452	(.0965)	2.1951	(.8642)	.3754	(.1478)	2
MAY-1	3.3335	(1.3124)	48051003	2.5848	(1.0176)	.5059	(.1992)	2.4016	(.9455)	.2403	(.0946)	MAY-1
2	2.8062	(1.1048)	49051915	2.5221	(.9930)	.1775	(.0699)	2.4817	(.9771)	.3155	(.1242)	2
JUN-1	3.5329	(1.3909)	46061203	3.1918	(1.2566)	.2869	(.1130)	2.8676	(1.1290)	.3276	(.1290)	JUN-1
2	3.8603	(1.5198)	50062403	3.4810	(1.3705)	.2650	(.1043)	3.4612	(1.3627)	.2448	(.0964)	2
JUL-1	4.1633	(1.6391)	49070815	3.5316	(1.3904)	.2735	(.1077)	3.2935	(1.2967)	.5078	(.1999)	JUL-1
2	4.4900	(1.7677)	51072203	3.7449	(1.4744)	.3908	(.1539)	3.5526	(1.3987)	.2624	(.1033)	2
AUG-1	3.8257	(1.5062)	47080703	3.4184	(1.3458)	.2936	(.1156)	3.2851	(1.2933)	.3780	(.1488)	AUG-1
2	4.0538	(1.5960)	47082203	3.6074	(1.4202)	.3315	(.1305)	3.3376	(1.3140)	.2817	(.1109)	2
SEP-1	3.5994	(1.4171)	47090503	3.1261	(1.2307)	.2828	(.1113)	3.1061	(1.2229)	.1949	(.0767)	SEP-1
2	3.5230	(1.3870)	48092003	2.8948	(1.1397)	.4399	(.1732)	2.7073	(1.0659)	.3569	(.1405)	2
OCT-1	3.2657	(1.2857)	51100503	2.5734	(1.0132)	.4686	(.1845)	2.3891	(.9406)	.5840	(.2299)	OCT-1
2	2.9939	(1.1787)	46102915	2.1406	(.8427)	.6038	(.2377)	2.3392	(.9210)	.5980	(.2354)	2
NOV-1	2.6200	(1.0315)	46110315	1.8457	(.7267)	.3286	(.1294)	2.1435	(.8439)	.2914	(.1147)	NOV-1
2	2.4889	(.9799)	52111715	1.7019	(.6701)	.4841	(.1906)	1.6728	(.6586)	.4803	(.1891)	2
DEC-1	2.2509	(.8862)	46120815	1.7901	(.7048)	.2920	(.1150)	1.8240	(.7181)	.2862	(.1127)	DEC-1
2	2.0381	(.8024)	49122015	1.4248	(.5609)	.4653	(.1832)	1.2936	(.5093)	.4164	(.1639)	2
				SURFACE TO 850MB								
JAN-1	1.2614	(.4966)	49011515	.8858	(.3487)	.1861	(.0732)	.8464	(.3332)	.2237	(.0881)	JAN-1
2	1.5408	(.6066)	50012515	.7872	(.3099)	.3074	(.1210)	.7285	(.2868)	.3833	(.1509)	2
FEB-1	1.1537	(.4542)	46020515	.7209	(.2838)	.1905	(.0750)	.6813	(.2682)	.2301	(.0906)	FEB-1
2	.9807	(.3861)	53022015	.6548	(.2578)	.1656	(.0652)	.6587	(.2593)	.1991	(.0784)	2
MAR-1	1.1849	(.4665)	46030603	.7585	(.2986)	.2032	(.0800)	.7917	(.3117)	.2138	(.0842)	MAR-1
2	1.4889	(.5862)	48032115	1.0775	(.4242)	.1436	(.0565)	1.0154	(.3998)	.2549	(.1003)	2
APR-1	1.4371	(.5658)	47040515	.9829	(.3870)	.1567	(.0617)	1.0113	(.3982)	.2360	(.0929)	APR-1
2	1.5588	(.6137)	51043003	1.3272	(.5225)	.1904	(.0750)	1.3368	(.5263)	.1589	(.0625)	2
MAY-1	1.8976	(.7471)	48051003	1.5541	(.6119)	.2906	(.1144)	1.4863	(.5852)	.1110	(.0437)	MAY-1
2	1.6904	(.6655)	46052415	1.5085	(.5939)	.1891	(.0744)	1.5258	(.6007)	.1893	(.0745)	2
JUN-1	2.0886	(.8223)	52061303	1.8684	(.7356)	.2235	(.0880)	1.8104	(.7127)	.1997	(.0786)	JUN-1
2	2.3802	(.9371)	50062603	2.1090	(.8303)	.2209	(.0870)	2.0697	(.8148)	.1597	(.0629)	2
JUL-1	2.3538	(.9267)	49070815	2.0868	(.8216)	.1013	(.0399)	1.9190	(.7555)	.2770	(.1091)	JUL-1
2	2.4237	(.9542)	51072203	2.2025	(.8671)	.1611	(.0634)	2.0906	(.8231)	.1728	(.0680)	2
AUG-1	2.2355	(.8801)	49081203	2.0360	(.8016)	.1336	(.0526)	1.9509	(.7681)	.1559	(.0614)	AUG-1
2	2.5301	(.9961)	47082203	2.2021	(.8670)	.1858	(.0731)	2.0249	(.7972)	.1737	(.0684)	2
SEP-1	2.0505	(.8073)	47091203	1.8408	(.7247)	.1825	(.0719)	1.8109	(.7130)	.1060	(.0417)	SEP-1
2	2.1204	(.8348)	48092003	1.7442	(.6867)	.2016	(.0794)	1.6392	(.6453)	.2308	(.0909)	2
OCT-1	2.1283	(.8379)	51100503	1.5633	(.6155)	.3521	(.1386)	1.4225	(.5600)	.3795	(.1494)	OCT-1
2	1.6988	(.6688)	46102915	1.3072	(.5146)	.3559	(.1401)	1.3686	(.5388)	.3500	(.1378)	2
NOV-1	1.4397	(.5668)	50110103	1.1596	(.4565)	.1820	(.0716)	1.1914	(.4690)	.1424	(.0560)	NOV-1
2	1.4475	(.5699)	52111615	.9482	(.3733)	.2652	(.1044)	.9416	(.3707)	.2756	(.1085)	2
DEC-1	1.2347	(.4861)	46121003	.9565	(.3766)	.1417	(.0558)	1.0504	(.4136)	.1704	(.0671)	DEC-1
2	1.1255	(.4431)	49122015	.7883	(.3103)	.2466	(.0971)	.7763	(.3056)	.2305	(.0908)	2

KEY WEST, FLA. 19 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.6766	(1.8412)	64011212	3.5838	(1.4109)	.6657	(.2621)	3.5621	(1.4024)	.7469	(.2941)	JAN-1
2	4.4125	(1.7372)	64012200	3.7272	(1.4674)	.4959	(.1952)	3.6234	(1.4265)	.5072	(.1997)	2
FEB-1	4.5227	(1.7806)	61020400	3.9875	(1.5699)	.3628	(.1428)	3.9398	(1.5511)	.4164	(.1640)	FEB-1
2	4.8565	(1.9120)	65022112	3.9069	(1.5381)	.4094	(.1612)	3.7386	(1.4719)	.4554	(.1793)	2
MAR-1	4.8039	(1.8913)	59030912	3.5723	(1.4064)	.6084	(.2395)	3.7797	(1.4881)	.5692	(.2241)	MAR-1
2	4.5232	(1.7808)	70032700	3.8201	(1.5040)	.4554	(.1793)	3.8707	(1.5239)	.4427	(.1743)	2
APR-1	5.0455	(1.9864)	72040100	4.0330	(1.5878)	.5793	(.2281)	3.9141	(1.5410)	.5257	(.2070)	APR-1
2	5.2809	(2.0791)	64042912	3.8620	(1.5205)	.6721	(.2646)	3.9128	(1.5405)	.5612	(.2209)	2
MAY-1	5.0444	(1.9860)	68050900	4.1401	(1.6300)	.6378	(.2511)	4.1525	(1.6348)	.5433	(.2139)	MAY-1
2	5.9400	(2.3386)	58052312	4.8495	(1.9092)	.6727	(.2648)	4.7868	(1.8846)	.6240	(.2457)	2
JUN-1	6.1110	(2.4059)	58061212	5.2057	(2.0495)	.4178	(.1645)	5.2667	(2.0735)	.4291	(.1689)	JUN-1
2	6.2494	(2.4604)	72061900	5.1281	(2.0189)	.4575	(.1801)	5.1081	(2.0111)	.4128	(.1625)	2
JUL-1	6.1984	(2.4403)	66070212	5.1099	(2.0118)	.4074	(.1604)	5.0448	(1.9861)	.4552	(.1792)	JUL-1
2	6.4364	(2.5340)	69072912	5.1091	(2.0114)	.3912	(.1540)	5.1716	(2.0361)	.5155	(.2030)	2
AUG-1	6.4714	(2.5478)	64080412	5.1970	(2.0461)	.5204	(.2049)	5.3849	(2.1200)	.4923	(.1938)	AUG-1
2	6.6083	(2.6017)	69081612	5.2375	(2.0620)	.3493	(.1375)	5.3288	(2.0980)	.3826	(.1506)	2
SEP-1	6.4574	(2.5423)	69090600	5.3977	(2.1251)	.4192	(.1650)	5.2445	(2.0648)	.3038	(.1196)	SEP-1
2	6.6147	(2.6042)	69092000	5.3866	(2.1207)	.4375	(.1723)	5.3960	(2.1244)	.4253	(.1674)	2
OCT-1	6.2697	(2.4684)	66100500	5.3029	(2.0878)	.4025	(.1585)	5.2539	(2.0685)	.3407	(.1341)	OCT-1
2	6.1440	(2.4189)	69102300	4.6570	(1.8335)	.6879	(.2708)	4.7035	(1.8518)	.6733	(.2651)	2
NOV-1	6.0178	(2.3692)	71110300	4.4382	(1.7473)	.7266	(.2860)	4.6231	(1.8201)	.6120	(.2409)	NOV-1
2	5.3627	(2.1113)	71111600	4.1395	(1.6297)	.6927	(.2727)	3.9937	(1.5723)	.6575	(.2589)	2
DEC-1	5.2294	(2.0588)	58121100	3.9440	(1.5527)	.7196	(.2833)	3.7667	(1.4830)	.7805	(.3073)	DEC-1
2	4.8867	(1.9239)	72122112	3.7345	(1.4703)	.5641	(.2221)	3.8804	(1.5277)	.5035	(.1982)	2
				SURFACE TO 700MB								
JAN-1	3.6871	(1.4516)	64011212	3.0147	(1.1869)	.4831	(.1902)	2.9629	(1.1665)	.5173	(.2037)	JAN-1
2	3.5060	(1.3803)	64012200	3.0774	(1.2116)	.3347	(.1318)	3.0462	(1.1993)	.2482	(.0977)	2
FEB-1	3.8024	(1.4970)	59020600	3.2271	(1.2705)	.2831	(.1114)	3.1925	(1.2569)	.3338	(.1314)	FEB-1
2	3.8511	(1.5162)	71022300	3.2379	(1.2748)	.2982	(.1174)	3.0658	(1.2070)	.2805	(.1104)	2
MAR-1	3.6921	(1.4536)	70031300	3.0556	(1.2030)	.4374	(.1722)	3.1341	(1.2339)	.3707	(.1460)	MAR-1
2	3.7160	(1.4630)	58033112	3.1631	(1.2453)	.3207	(.1263)	3.2215	(1.2683)	.3074	(.1210)	2
APR-1	4.5463	(1.7899)	72040100	3.3704	(1.3269)	.4747	(.1869)	3.2140	(1.2654)	.2950	(.1162)	APR-1
2	4.1283	(1.6253)	58042300	3.2092	(1.2635)	.4576	(.1802)	3.2928	(1.2964)	.3060	(.1205)	2
MAY-1	3.8699	(1.5236)	72050600	3.3602	(1.3229)	.4003	(.1576)	3.4373	(1.3533)	.3325	(.1309)	MAY-1
2	4.2715	(1.6817)	58052312	3.7144	(1.4624)	.3747	(.1475)	3.7373	(1.4714)	.3098	(.1220)	2
JUN-1	4.7521	(1.8709)	55061215	3.9881	(1.5701)	.2250	(.0886)	4.0185	(1.5821)	.2590	(.1020)	JUN-1
2	4.6911	(1.8469)	72061900	4.0038	(1.5763)	.2807	(.1105)	3.9519	(1.5559)	.2382	(.0938)	2
JUL-1	4.5570	(1.7941)	66070212	4.0599	(1.5984)	.3298	(.1299)	3.9406	(1.5514)	.2957	(.1164)	JUL-1
2	4.7884	(1.8852)	69072912	4.0208	(1.5830)	.2621	(.1032)	4.0743	(1.6041)	.3248	(.1279)	2
AUG-1	4.9941	(1.9662)	64080312	4.0611	(1.5988)	.2590	(.1020)	4.1446	(1.6317)	.3516	(.1384)	AUG-1
2	4.8260	(1.9000)	69081612	4.1057	(1.6164)	.2031	(.0800)	4.1452	(1.6320)	.2392	(.0942)	2
SEP-1	4.8664	(1.9159)	71090500	4.1526	(1.6349)	.2997	(.1180)	4.0876	(1.6093)	.2084	(.0820)	SEP-1
2	4.7699	(1.8779)	69092000	4.1432	(1.6312)	.2643	(.1040)	4.1715	(1.6423)	.2838	(.1117)	2
OCT-1	4.5143	(1.7773)	64101400	4.0918	(1.6109)	.2144	(.0844)	4.0941	(1.6118)	.1607	(.0633)	OCT-1
2	4.4475	(1.7510)	59101612	3.7938	(1.4936)	.3461	(.1363)	3.7844	(1.4899)	.3570	(.1405)	2
NOV-1	4.5019	(1.7724)	72111512	3.5308	(1.3901)	.3976	(.1566)	3.7005	(1.4569)	.3703	(.1458)	NOV-1
2	4.0615	(1.5990)	58112700	3.4020	(1.3394)	.4563	(.1796)	3.3178	(1.3062)	.4411	(.1737)	2
DEC-1	4.0856	(1.6085)	72121500	3.2850	(1.2933)	.4643	(.1828)	3.1230	(1.2295)	.5371	(.2115)	DEC-1
2	3.8824	(1.5285)	72122112	3.0776	(1.2117)	.3844	(.1513)	3.1816	(1.2526)	.3822	(.1505)	2
				SURFACE TO 850MB								
JAN-1	2.4412	(.9611)	72011312	1.9986	(.7868)	.2586	(.1018)	2.0301	(.7992)	.2945	(.1160)	JAN-1
2	2.2730	(.8949)	67012112	2.0200	(.7953)	.2066	(.0813)	2.0912	(.8233)	.1309	(.0515)	2
FEB-1	2.3894	(.9407)	59020600	2.0895	(.8226)	.1840	(.0724)	2.1090	(.8303)	.1827	(.0719)	FEB-1
2	2.5103	(.9883)	71022300	2.0954	(.8250)	.1766	(.0695)	2.0642	(.8127)	.1525	(.0600)	2
MAR-1	2.4587	(.9680)	65030412	2.0804	(.8190)	.1805	(.0711)	2.1515	(.8471)	.1835	(.0722)	MAR-1
2	2.4516	(.9652)	69031712	2.1017	(.8275)	.1688	(.0665)	2.1322	(.8395)	.1888	(.0743)	2
APR-1	2.8174	(1.1092)	72040100	2.1875	(.8612)	.2635	(.1037)	2.1843	(.8600)	.1377	(.0542)	APR-1
2	2.6416	(1.0400)	64042912	2.1614	(.8509)	.1943	(.0765)	2.2837	(.8991)	.1752	(.0690)	2
MAY-1	2.5715	(1.0124)	64050112	2.1942	(.8639)	.1745	(.0687)	2.3148	(.9113)	.1651	(.0650)	MAY-1
2	2.6848	(1.0570)	63052300	2.3990	(.9445)	.1645	(.0648)	2.4242	(.9544)	.1160	(.0457)	2
JUN-1	3.0797	(1.2125)	55061215	2.5505	(1.0041)	.1132	(.0446)	2.5571	(1.0067)	.1448	(.0570)	JUN-1
2	3.0340	(1.1945)	63062000	2.6102	(1.0276)	.1787	(.0703)	2.6008	(1.0239)	.1177	(.0463)	2
JUL-1	2.9484	(1.1608)	55071403	2.6445	(1.0411)	.1502	(.0591)	2.5990	(1.0232)	.1237	(.0487)	JUL-1
2	2.9670	(1.1681)	69072912	2.6468	(1.0420)	.1700	(.0669)	2.6703	(1.0513)	.1752	(.0690)	2
AUG-1	2.9921	(1.1780)	64080312	2.6826	(1.0562)	.1036	(.0408)	2.6680	(1.0504)	.1297	(.0511)	AUG-1
2	3.0277	(1.1920)	69081612	2.6801	(1.0552)	.1281	(.0504)	2.6946	(1.0609)	.1280	(.0504)	2
SEP-1	3.1234	(1.2297)	71090500	2.6606	(1.0475)	.1658	(.0653)	2.6396	(1.0392)	.1098	(.0432)	SEP-1
2	3.0500	(1.2008)	70092812	2.6857	(1.0574)	.1345	(.0530)	2.6954	(1.0612)	.1596	(.0628)	2
OCT-1	2.7864	(1.0970)	62100200	2.5868	(1.0184)	.1266	(.0498)	2.6128	(1.0287)	.1144	(.0450)	OCT-1
2	2.8334	(1.1155)	69102000	2.4114	(.9494)	.1904	(.0749)	2.4117	(.9495)	.1848	(.0727)	2
NOV-1	2.8367	(1.1168)	71110312	2.2744	(.8954)	.1780	(.0701)	2.3620	(.9299)	.2113	(.0832)	NOV-1
2	2.5921	(1.0205)	57111600	2.2237	(.8755)	.2431	(.0957)	2.2234	(.8754)	.2208	(.0869)	2
DEC-1	2.5248	(.9940)	72120700	2.1787	(.8578)	.2048	(.0806)	2.1585	(.8498)	.2713	(.1068)	DEC-1
2	2.5423	(1.0009)	72122112	2.0477	(.8062)	.2294	(.0903)	2.1143	(.8324)	.2454	(.0966)	2

LAKE CHARLES, LA. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED: MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MEAN 12Z(15Z) CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.7559	(1.8724)	72010412	3.3897	(1.3345)	.4314	(.1698)	3.4148	(1.3444)	.5932	(.2335)	JAN-1
2	4.0152	(1.5808)	59013012	3.2892	(1.2950)	.4306	(.1695)	3.2325	(1.2726)	.4540	(.1787)	2
FEB-1	4.3861	(1.7268)	48021215	3.2003	(1.2600)	.6218	(.2448)	3.2992	(1.2989)	.4981	(.1961)	FEB-1
2	4.4320	(1.7449)	62022800	3.2485	(1.2789)	.4843	(.1907)	3.1884	(1.2553)	.4826	(.1900)	2
MAR-1	4.3043	(1.6946)	61030600	3.5062	(1.3804)	.4891	(.1925)	3.3821	(1.3315)	.3733	(.1470)	MAR-1
2	4.6109	(1.8153)	55032115	3.6587	(1.4404)	.4764	(.1876)	3.5625	(1.4026)	.5357	(.2109)	2
APR-1	4.6322	(1.8237)	69040512	3.7193	(1.4643)	.4211	(.1658)	3.6345	(1.4309)	.5325	(.2096)	APR-1
2	5.0328	(1.9814)	53042915	3.9654	(1.5612)	.3788	(.1491)	3.9045	(1.5372)	.4446	(.1750)	2
MAY-1	4.7031	(1.8516)	46051415	4.1028	(1.6153)	.3943	(.1553)	4.0729	(1.6035)	.3565	(.1404)	MAY-1
2	5.4287	(2.1373)	53051803	4.3339	(1.7062)	.4310	(.1697)	4.2809	(1.6854)	.4051	(.1595)	2
JUN-1	6.0399	(2.3779)	58061512	4.7712	(1.8784)	.5554	(.2187)	4.6238	(1.8204)	.4690	(.1846)	JUN-1
2	6.1186	(2.4089)	47062115	4.9576	(1.9518)	.3679	(.1448)	5.0427	(1.9853)	.4774	(.1879)	2
JUL-1	6.9964	(2.7545)	63071100	5.2334	(2.0604)	.4955	(.1951)	5.1627	(2.0326)	.4793	(.1887)	JUL-1
2	6.2713	(2.4690)	69071912	5.3328	(2.0995)	.4089	(.1610)	5.3234	(2.0958)	.3563	(.1403)	2
AUG-1	6.1717	(2.4298)	57080212	5.2376	(2.0621)	.4094	(.1612)	5.2666	(2.0735)	.4215	(.1660)	AUG-1
2	6.3043	(2.4820)	62082912	5.3406	(2.1026)	.4090	(.1610)	5.3937	(2.1235)	.4094	(.1612)	2
SEP-1	6.1674	(2.4281)	70090212	5.2540	(2.0685)	.3504	(.1380)	5.1918	(2.0440)	.3891	(.1532)	SEP-1
2	6.0056	(2.3644)	70091600	5.0447	(1.9861)	.6083	(.2395)	5.0105	(1.9726)	.4970	(.1957)	2
OCT-1	5.4580	(2.1488)	66101300	4.4654	(1.7580)	.6261	(.2465)	4.3322	(1.7056)	.6104	(.2403)	OCT-1
2	5.2474	(2.0659)	71101800	4.1167	(1.6208)	.6632	(.2611)	3.9529	(1.5563)	.6867	(.2704)	2
NOV-1	5.0902	(2.0040)	58111412	3.8511	(1.5162)	.7239	(.2850)	3.8225	(1.5049)	.7791	(.3067)	NOV-1
2	4.8986	(1.9286)	48111615	3.6733	(1.4462)	.4583	(.1804)	3.7424	(1.4734)	.5489	(.2161)	2
DEC-1	4.7142	(1.8560)	67121500	3.7408	(1.4727)	.5011	(.1973)	3.5969	(1.4161)	.4765	(.1876)	DEC-1
2	4.5900	(1.8071)	71121712	3.5986	(1.4168)	.5322	(.2095)	3.5618	(1.4023)	.5270	(.2075)	2
				SURFACE TO 700MB								
JAN-1	3.5334	(1.3911)	46010815	2.7402	(1.0788)	.3702	(.1457)	2.7324	(1.0757)	.4364	(.1718)	JAN-1
2	3.2291	(1.2713)	50012615	2.6993	(1.0627)	.3305	(.1301)	2.6471	(1.0422)	.3513	(.1383)	2
FEB-1	3.6579	(1.4401)	48021215	2.5755	(1.0140)	.4915	(.1935)	2.6725	(1.0522)	.4146	(.1632)	FEB-1
2	3.3929	(1.3358)	61022100	2.5952	(1.0217)	.4331	(.1705)	2.5849	(1.0177)	.4542	(.1788)	2
MAR-1	3.6571	(1.4398)	56031103	2.8912	(1.1383)	.3872	(.1525)	2.8366	(1.1168)	.3428	(.1350)	MAR-1
2	3.6820	(1.4496)	54032515	3.0091	(1.1847)	.3245	(.1278)	2.9362	(1.1560)	.3998	(.1574)	2
APR-1	3.8979	(1.5346)	67041412	3.1394	(1.2360)	.3753	(.1478)	2.9967	(1.1798)	.4436	(.1746)	APR-1
2	3.9456	(1.5534)	53042915	3.2971	(1.2981)	.2733	(.1076)	3.2517	(1.2802)	.3169	(.1248)	2
MAY-1	3.9543	(1.5568)	54050215	3.4114	(1.3431)	.3154	(.1242)	3.3375	(1.3140)	.2977	(.1172)	MAY-1
2	4.4011	(1.7327)	53051803	3.5074	(1.3808)	.3340	(.1315)	3.4873	(1.3729)	.3219	(.1267)	2
JUN-1	4.4326	(1.7451)	57060900	3.7233	(1.4659)	.3508	(.1381)	3.7900	(1.4921)	.2687	(.1058)	JUN-1
2	4.8103	(1.8938)	53062903	3.8828	(1.5287)	.2816	(.1109)	3.9007	(1.5357)	.2700	(.1063)	2
JUL-1	4.7607	(1.8743)	63071100	4.0449	(1.5925)	.2545	(.1002)	3.9719	(1.5637)	.2668	(.1050)	JUL-1
2	4.6901	(1.8465)	51071803	4.0870	(1.6091)	.2876	(.1132)	4.0899	(1.6102)	.2431	(.0957)	2
AUG-1	4.7650	(1.8760)	70080400	4.0558	(1.5968)	.2525	(.0994)	4.1064	(1.6167)	.2299	(.0905)	AUG-1
2	4.8659	(1.9157)	55082915	4.1149	(1.6200)	.2871	(.1130)	4.1334	(1.6273)	.2772	(.1092)	2
SEP-1	4.4755	(1.7620)	51090103	4.0150	(1.5807)	.2563	(.1009)	4.0016	(1.5755)	.2073	(.0816)	SEP-1
2	4.5405	(1.7876)	70091600	3.9299	(1.5472)	.3209	(.1264)	3.8896	(1.5313)	.2590	(.1020)	2
OCT-1	4.2329	(1.6665)	62100812	3.5783	(1.4088)	.3429	(.1350)	3.4858	(1.3724)	.4509	(.1775)	OCT-1
2	4.1118	(1.6188)	51103015	3.2993	(1.2989)	.4670	(.1839)	3.2400	(1.2756)	.5571	(.2193)	2
NOV-1	3.9444	(1.5529)	48110503	3.1524	(1.2411)	.5326	(.2097)	3.0484	(1.2002)	.5358	(.2109)	NOV-1
2	3.8839	(1.5291)	48112803	3.0652	(1.2068)	.3832	(.1509)	3.0661	(1.2071)	.3868	(.1523)	2
DEC-1	3.7061	(1.4591)	67121500	3.0140	(1.1866)	.3846	(.1514)	2.9142	(1.1473)	.3563	(.1403)	DEC-1
2	3.6281	(1.4284)	48121603	2.8329	(1.1153)	.4001	(.1575)	2.8427	(1.1192)	.3787	(.1491)	2
				SURFACE TO 850MB								
JAN-1	2.2215	(.8746)	47011503	1.8021	(.7095)	.2432	(.0958)	1.8092	(.7123)	.2333	(.0919)	JAN-1
2	2.2388	(.8814)	50012515	1.7689	(.6964)	.2613	(.1029)	1.7475	(.6880)	.2764	(.1088)	2
FEB-1	2.2743	(.8954)	48021215	1.7486	(.6884)	.2701	(.1064)	1.7516	(.6896)	.2744	(.1080)	FEB-1
2	2.1293	(.8383)	61022100	1.6674	(.6565)	.3158	(.1243)	1.6850	(.6634)	.2927	(.1152)	2
MAR-1	2.3551	(.9272)	56031103	1.8505	(.7286)	.2442	(.0961)	1.8423	(.7253)	.2021	(.0796)	MAR-1
2	2.2230	(.8752)	54032515	1.9436	(.7652)	.2082	(.0820)	1.8813	(.7407)	.2133	(.0840)	2
APR-1	2.4199	(.9527)	67041412	2.0301	(.7992)	.1921	(.0756)	1.9815	(.7801)	.2236	(.0880)	APR-1
2	2.6152	(1.0296)	58042600	2.1467	(.8452)	.1906	(.0751)	2.1438	(.8440)	.1527	(.0601)	2
MAY-1	2.5677	(1.0109)	49050203	2.2008	(.8665)	.1888	(.0743)	2.2202	(.8741)	.1667	(.0656)	MAY-1
2	2.6020	(1.0244)	53051803	2.2818	(.8983)	.1831	(.0721)	2.2843	(.8993)	.1889	(.0744)	2
JUN-1	2.8623	(1.1269)	68061212	2.4068	(.9476)	.1575	(.0620)	2.4673	(.9714)	.1848	(.0728)	JUN-1
2	2.8832	(1.1351)	47062115	2.5223	(.9930)	.1391	(.0548)	2.5813	(1.0163)	.1401	(.0552)	2
JUL-1	3.0726	(1.2097)	69071012	2.5883	(1.0190)	.1262	(.0497)	2.6067	(1.0263)	.1689	(.0665)	JUL-1
2	2.9794	(1.1730)	70071600	2.6365	(1.0380)	.1616	(.0636)	2.6620	(1.0480)	.1366	(.0538)	2
AUG-1	2.9741	(1.1709)	51080603	2.6370	(1.0382)	.1515	(.0596)	2.6579	(1.0464)	.0935	(.0368)	AUG-1
2	2.8964	(1.1403)	62083112	2.6201	(1.0315)	.1421	(.0559)	2.6453	(1.0414)	.1340	(.0528)	2
SEP-1	2.9299	(1.1535)	62090312	2.5564	(1.0065)	.1445	(.0569)	2.5626	(1.0089)	.1300	(.0512)	SEP-1
2	2.8423	(1.1190)	58091900	2.4794	(.9761)	.1658	(.0653)	2.5227	(.9932)	.1433	(.0564)	2
OCT-1	2.6970	(1.0618)	62100812	2.3081	(.9087)	.1987	(.0782)	2.2685	(.8931)	.2502	(.0985)	OCT-1
2	2.6591	(1.0469)	49102103	2.1286	(.8380)	.2612	(.1028)	2.1471	(.8453)	.2930	(.1154)	2
NOV-1	2.5575	(1.0069)	72110200	2.0481	(.8063)	.2526	(.0995)	2.0057	(.7897)	.2997	(.1180)	NOV-1
2	2.4928	(.9814)	57111800	2.0002	(.7875)	.2084	(.0821)	1.9858	(.7818)	.2621	(.1032)	2
DEC-1	2.4321	(.9575)	67121500	1.9463	(.7663)	.2793	(.1100)	1.8985	(.7475)	.2113	(.0832)	DEC-1
2	2.2609	(.8901)	48121603	1.8250	(.7185)	.2489	(.0980)	1.8466	(.7270)	.2426	(.0955)	2

LANDER, WYO. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.1689	(.4602)	69011500	.7654	(.3013)	.1698	(.0668)	.7508	(.2956)	.1422	(.0560)	JAN-1
2	1.1539	(.4543)	71011712	.7706	(.3034)	.1738	(.0684)	.7925	(.3120)	.1740	(.0685)	2
FEB-1	1.2893	(.5076)	62029900	.7738	(.3046)	.1739	(.0685)	.7614	(.2998)	.1622	(.0639)	FEB-1
2	1.0625	(.4183)	68022100	.7391	(.2910)	.1637	(.0645)	.7133	(.2808)	.1436	(.0565)	2
MAR-1	1.1999	(.4724)	54039912	.7573	(.2982)	.1555	(.0612)	.7257	(.2857)	.1716	(.0676)	MAR-1
2	1.2393	(.4879)	63039912	.8708	(.3428)	.1643	(.0647)	.8335	(.3282)	.1495	(.0588)	2
APR-1	1.4470	(.5697)	54049900	.9839	(.3874)	.1759	(.0692)	.9709	(.3823)	.1522	(.0599)	APR-1
2	1.5761	(.6205)	52049912	1.1261	(.4434)	.1709	(.0673)	1.0771	(.4241)	.1732	(.0682)	2
MAY-1	1.7018	(.6700)	57059900	1.3287	(.5231)	.1725	(.0679)	1.2661	(.4985)	.1484	(.0584)	MAY-1
2	2.2614	(.8903)	58059900	1.6034	(.6312)	.2576	(.1014)	1.5364	(.6049)	.2070	(.0815)	2
JUN-1	2.2634	(.8911)	72060812	1.7699	(.6968)	.2708	(.1066)	1.7832	(.7021)	.2724	(.1072)	JUN-1
2	2.5763	(1.0143)	54069912	1.9145	(.7537)	.2265	(.0892)	1.7974	(.7076)	.2780	(.1094)	2
JUL-1	2.8517	(1.1227)	54079900	2.0768	(.8176)	.3365	(.1325)	2.1042	(.8284)	.3048	(.1200)	JUL-1
2	3.0432	(1.1981)	55079900	2.3269	(.9161)	.3131	(.1233)	2.2473	(.8848)	.2923	(.1151)	2
AUG-1	3.1455	(1.2384)	51089900	2.2890	(.9012)	.3754	(.1478)	2.2956	(.9038)	.3912	(.1540)	AUG-1
2	2.7638	(1.0881)	72081912	2.0994	(.8265)	.3037	(.1196)	2.0189	(.7948)	.3163	(.1245)	2
SEP-1	2.5321	(.9969)	63099900	1.8224	(.7175)	.3609	(.1421)	1.7992	(.7083)	.2875	(.1132)	SEP-1
2	2.3401	(.9213)	63099900	1.5581	(.6134)	.3185	(.1254)	1.5170	(.5972)	.2694	(.1061)	2
OCT-1	1.7280	(.6803)	60109912	1.3209	(.5200)	.2082	(.0820)	1.2953	(.5100)	.2585	(.1018)	OCT-1
2	1.5415	(.6069)	63109912	1.1567	(.4554)	.1872	(.0737)	1.1796	(.4644)	.1863	(.0733)	2
NOV-1	1.3449	(.5295)	67111412	.9929	(.3909)	.1036	(.0408)	.9797	(.3857)	.1301	(.0512)	NOV-1
2	1.2921	(.5087)	50119900	.9918	(.3905)	.1503	(.0592)	.9200	(.3622)	.1445	(.0569)	2
DEC-1	1.2179	(.4795)	65121100	.8389	(.3303)	.1895	(.0746)	.8198	(.3228)	.1738	(.0684)	DEC-1
2	1.2108	(.4767)	46129912	.8269	(.3256)	.1423	(.0560)	.8360	(.3291)	.1924	(.0757)	2
				SURFACE TO 700MB								
JAN-1	.4940	(.1945)	69011500	.3559	(.1401)	.0650	(.0256)	.3645	(.1435)	.0633	(.0249)	JAN-1
2	.5149	(.2027)	70012212	.3652	(.1438)	.0850	(.0335)	.3705	(.1459)	.0835	(.0329)	2
FEB-1	.6226	(.2451)	62029900	.3646	(.1435)	.0969	(.0381)	.3657	(.1440)	.0784	(.0309)	FEB-1
2	.5296	(.2085)	68022100	.3703	(.1458)	.0701	(.0276)	.3580	(.1409)	.0665	(.0262)	2
MAR-1	.5265	(.2073)	54039912	.3752	(.1477)	.0686	(.0270)	.3602	(.1418)	.0589	(.0232)	MAR-1
2	.6129	(.2413)	57039900	.4422	(.1741)	.0804	(.0316)	.4198	(.1653)	.0658	(.0259)	2
APR-1	.6911	(.2721)	69041212	.4896	(.1927)	.0643	(.0253)	.4840	(.1905)	.0789	(.0311)	APR-1
2	.7559	(.2976)	52049912	.5452	(.2146)	.0733	(.0289)	.5321	(.2095)	.0760	(.0299)	2
MAY-1	.8745	(.3443)	46059900	.6702	(.2639)	.1053	(.0414)	.6572	(.2587)	.1023	(.0403)	MAY-1
2	1.1618	(.4574)	58059900	.8037	(.3164)	.1514	(.0596)	.7937	(.3125)	.1014	(.0399)	2
JUN-1	1.1669	(.4594)	46069912	.8909	(.3507)	.1523	(.0599)	.8940	(.3520)	.1336	(.0526)	JUN-1
2	1.2222	(.4812)	54069912	.9394	(.3698)	.1220	(.0480)	.9281	(.3654)	.1220	(.0480)	2
JUL-1	1.4153	(.5572)	54079900	1.0018	(.3944)	.1575	(.0620)	1.0368	(.4082)	.1526	(.0601)	JUL-1
2	1.5166	(.5971)	55079912	1.0951	(.4312)	.1603	(.0631)	1.0998	(.4330)	.1487	(.0585)	2
AUG-1	1.5408	(.6066)	51089900	1.0870	(.4280)	.1816	(.0715)	1.0876	(.4282)	.1541	(.0607)	AUG-1
2	1.2901	(.5079)	57089900	.9838	(.3873)	.1505	(.0592)	.9926	(.3908)	.1388	(.0546)	2
SEP-1	1.1986	(.4719)	63099900	.8719	(.3433)	.1499	(.0590)	.8693	(.3423)	.1247	(.0491)	SEP-1
2	1.0912	(.4296)	63099912	.7731	(.3044)	.1439	(.0567)	.7487	(.2948)	.1598	(.0629)	2
OCT-1	.8656	(.3408)	57109900	.6291	(.2477)	.1090	(.0429)	.6399	(.2519)	.1131	(.0445)	OCT-1
2	.7480	(.2945)	63109900	.5594	(.2202)	.1044	(.0411)	.5553	(.2186)	.0916	(.0361)	2
NOV-1	.5601	(.2205)	64119900	.4639	(.1827)	.0549	(.0216)	.4610	(.1815)	.0544	(.0214)	NOV-1
2	.5862	(.2308)	49119900	.4626	(.1821)	.0692	(.0272)	.4371	(.1721)	.0580	(.0228)	2
DEC-1	.5438	(.2141)	58129900	.3880	(.1528)	.0689	(.0271)	.3837	(.1511)	.0811	(.0319)	DEC-1
2	.5601	(.2205)	64129912	.3764	(.1482)	.0645	(.0254)	.3873	(.1525)	.0809	(.0318)	2

LAS VEGAS, NEV. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.3244	(.9151)	57019900	1.2452	(.4902)	.3791	(.1493)	1.3065	(.5144)	.3691	(.1453)	JAN-1
2	1.9614	(.7722)	63019912	1.3545	(.5332)	.2808	(.1106)	1.3916	(.5479)	.3228	(.1271)	2
FEB-1	2.5408	(1.0003)	63029900	1.4089	(.5547)	.4711	(.1855)	1.4086	(.5546)	.3734	(.1470)	FEB-1
2	2.0343	(.8009)	59029900	1.2433	(.4895)	.3630	(.1429)	1.1725	(.4616)	.3179	(.1251)	2
MAR-1	2.2530	(.8870)	54039912	1.1882	(.4678)	.2404	(.0946)	1.2379	(.4874)	.3131	(.1233)	MAR-1
2	2.0112	(.7918)	63039912	1.2705	(.5002)	.3537	(.1392)	1.2570	(.4949)	.3292	(.1296)	2
APR-1	2.3950	(.9429)	63049900	1.3434	(.5289)	.3761	(.1481)	1.2664	(.4986)	.2703	(.1064)	APR-1
2	2.2743	(.8954)	52049900	1.4337	(.5644)	.3945	(.1553)	1.4017	(.5519)	.3436	(.1353)	2
MAY-1	2.2588	(.8893)	47059900	1.4610	(.5752)	.3356	(.1321)	1.5147	(.5963)	.2488	(.0980)	MAY-1
2	2.5944	(1.0214)	54059900	1.7963	(.7072)	.3690	(.1453)	1.7588	(.6924)	.3033	(.1194)	2
JUN-1	3.0366	(1.1955)	52069900	1.9211	(.7563)	.5005	(.1971)	1.9748	(.7775)	.4599	(.1811)	JUN-1
2	3.9238	(1.5448)	54069900	2.1008	(.8271)	.5993	(.2359)	2.1807	(.8586)	.5211	(.2052)	2
JUL-1	4.0196	(1.5825)	50079912	2.8780	(1.1331)	.7263	(.2859)	2.9016	(1.1424)	.6399	(.2519)	JUL-1
2	4.6726	(1.8396)	66073100	3.5469	(1.3964)	.6848	(.2696)	3.6024	(1.4183)	.5689	(.2240)	2
AUG-1	4.5232	(1.7808)	55089912	3.2904	(1.2954)	.7271	(.2863)	3.4390	(1.3539)	.6098	(.2401)	AUG-1
2	4.4521	(1.7528)	57089912	2.9714	(1.1699)	.6901	(.2717)	3.0494	(1.2005)	.7144	(.2813)	2
SEP-1	3.9627	(1.5601)	60099912	2.5639	(1.0094)	.5669	(.2232)	2.5199	(.9921)	.6672	(.2627)	SEP-1
2	3.5133	(1.3832)	62099900	2.3210	(.9138)	.6879	(.2708)	2.2146	(.8719)	.6085	(.2396)	2
OCT-1	3.5763	(1.4080)	46109900	1.9826	(.7806)	.5412	(.2131)	1.9839	(.7811)	.5501	(.2166)	OCT-1
2	2.6035	(1.0250)	63109900	1.7194	(.6769)	.4859	(.1913)	1.7271	(.6800)	.4282	(.1686)	2
NOV-1	2.6159	(1.0299)	60119912	1.6002	(.6300)	.3926	(.1545)	1.5242	(.6001)	.3334	(.1313)	NOV-1
2	2.6187	(1.0310)	50119900	1.5188	(.5980)	.4051	(.1595)	1.5128	(.5956)	.4230	(.1665)	2
DEC-1	1.9578	(.7708)	46129900	1.3203	(.5198)	.3916	(.1542)	1.4279	(.5622)	.3403	(.1340)	DEC-1
2	2.5067	(.9869)	55129912	1.4334	(.5643)	.4154	(.1636)	1.4245	(.5608)	.4905	(.1931)	2
				SURFACE TO 700MB								
JAN-1	1.5136	(.5959)	53019900	.8339	(.3283)	.2488	(.0979)	.8824	(.3474)	.2557	(.1007)	JAN-1
2	1.3310	(.5240)	56019912	.9013	(.3548)	.2011	(.0792)	.8982	(.3536)	.2097	(.0825)	2
FEB-1	1.6510	(.6500)	62029900	.9457	(.3723)	.3018	(.1188)	.9176	(.3612)	.2550	(.1004)	FEB-1
2	1.4750	(.5807)	59029900	.8353	(.3289)	.2393	(.0942)	.8585	(.3380)	.2391	(.0941)	2
MAR-1	1.8049	(.7106)	61039912	.8111	(.3193)	.1854	(.0730)	.8780	(.3457)	.2809	(.1106)	MAR-1
2	1.3391	(.5272)	47039912	.8596	(.3384)	.2632	(.1036)	.8588	(.3381)	.2247	(.0885)	2
APR-1	1.7079	(.6724)	63049900	.8965	(.3530)	.2906	(.1144)	.8854	(.3486)	.2187	(.0861)	APR-1
2	1.5558	(.6125)	52049900	.9772	(.3847)	.2914	(.1147)	.9716	(.3825)	.2841	(.1118)	2
MAY-1	1.5116	(.5951)	47059900	.9890	(.3894)	.2411	(.0949)	1.0381	(.4087)	.1857	(.0731)	MAY-1
2	1.6741	(.6591)	57059900	1.1411	(.4492)	.2568	(.1011)	1.1673	(.4596)	.2240	(.0882)	2
JUN-1	2.0254	(.7974)	52069900	1.2365	(.4868)	.3636	(.1432)	1.2866	(.5065)	.3389	(.1334)	JUN-1
2	2.5954	(1.0218)	54069900	1.3905	(.5474)	.4012	(.1580)	1.4210	(.5595)	.3427	(.1349)	2
JUL-1	2.6342	(1.0371)	61079912	1.8012	(.7091)	.4913	(.1934)	1.8490	(.7280)	.4921	(.1938)	JUL-1
2	2.9817	(1.1739)	66073100	2.2156	(.8723)	.5394	(.2124)	2.2935	(.9029)	.4528	(.1783)	2
AUG-1	3.0452	(1.1989)	59089900	2.1394	(.8423)	.5215	(.2053)	2.2185	(.8734)	.4468	(.1759)	AUG-1
2	2.8059	(1.1047)	57089912	1.9575	(.7707)	.5334	(.2100)	2.0442	(.8048)	.5561	(.2189)	2
SEP-1	2.8072	(1.1052)	63099900	1.6936	(.6668)	.4529	(.1783)	1.7078	(.6724)	.4785	(.1884)	SEP-1
2	2.5715	(1.0124)	46099912	1.5963	(.6285)	.5437	(.2141)	1.5543	(.6119)	.5324	(.2096)	2
OCT-1	2.5232	(.9934)	46109912	1.3276	(.5227)	.4001	(.1575)	1.4010	(.5516)	.4346	(.1711)	OCT-1
2	1.8905	(.7443)	64109912	1.1713	(.4611)	.3709	(.1460)	1.1876	(.4675)	.3510	(.1382)	2
NOV-1	1.8750	(.7382)	60119912	1.0772	(.4241)	.3203	(.1261)	1.0843	(.4269)	.2506	(.0987)	NOV-1
2	1.7849	(.7027)	50119900	.9888	(.3893)	.2732	(.1076)	1.0001	(.3937)	.2752	(.1083)	2
DEC-1	1.3315	(.5242)	65120912	.8561	(.3370)	.2740	(.1079)	.9093	(.3580)	.2456	(.0967)	DEC-1
2	1.6487	(.6491)	55129912	.9629	(.3791)	.2948	(.1161)	.9600	(.3780)	.3351	(.1319)	2
				SURFACE TO 850MB								
JAN-1	.7503	(.2954)	53019900	.3338	(.1314)	.1613	(.0635)	.3436	(.1353)	.1580	(.0622)	JAN-1
2	.5857	(.2306)	61019900	.3532	(.1391)	.1328	(.0523)	.3421	(.1347)	.1252	(.0493)	2
FEB-1	.7348	(.2893)	62029900	.3636	(.1432)	.1580	(.0622)	.3459	(.1362)	.1449	(.0571)	FEB-1
2	.6238	(.2456)	55029912	.3287	(.1294)	.1330	(.0524)	.3430	(.1351)	.1475	(.0581)	2
MAR-1	.5773	(.2273)	50039912	.3131	(.1233)	.1306	(.0514)	.3267	(.1286)	.1401	(.0551)	MAR-1
2	.6675	(.2628)	47039912	.3293	(.1297)	.1496	(.0589)	.3311	(.1303)	.1366	(.0538)	2
APR-1	.6604	(.2600)	63049900	.3382	(.1331)	.1624	(.0639)	.3419	(.1346)	.1507	(.0593)	APR-1
2	.6982	(.2749)	52049900	.3664	(.1443)	.1730	(.0681)	.3876	(.1526)	.1811	(.0713)	2
MAY-1	.6980	(.2748)	47059900	.3677	(.1447)	.1611	(.0634)	.4078	(.1606)	.1603	(.0631)	MAY-1
2	.6876	(.2707)	46059900	.4129	(.1626)	.1700	(.0669)	.4300	(.1693)	.1747	(.0688)	2
JUN-1	.8570	(.3374)	60069912	.4515	(.1778)	.1988	(.0783)	.4888	(.1924)	.2154	(.0848)	JUN-1
2	1.0122	(.3985)	54069900	.4852	(.1910)	.2121	(.0835)	.5375	(.2116)	.2240	(.0882)	2
JUL-1	1.2139	(.4779)	61079912	.6731	(.2650)	.2993	(.1178)	.7102	(.2796)	.3282	(.1292)	JUL-1
2	1.2903	(.5080)	52079912	.8393	(.3304)	.3425	(.1348)	.9059	(.3566)	.3360	(.1323)	2
AUG-1	1.3942	(.5489)	46089912	.8228	(.3240)	.3307	(.1302)	.8724	(.3435)	.3357	(.1322)	AUG-1
2	1.2454	(.4903)	61089900	.7368	(.2901)	.3346	(.1317)	.8066	(.3176)	.3370	(.1327)	2
SEP-1	1.2255	(.4825)	60099912	.6337	(.2495)	.2564	(.1009)	.6549	(.2578)	.3017	(.1188)	SEP-1
2	1.2349	(.4862)	46099912	.6130	(.2413)	.3084	(.1214)	.6042	(.2379)	.3201	(.1260)	2
OCT-1	1.1410	(.4492)	46109912	.4941	(.1945)	.2311	(.0910)	.5293	(.2084)	.2641	(.1040)	OCT-1
2	.8504	(.3348)	64109900	.4582	(.1804)	.2206	(.0868)	.4618	(.1818)	.2160	(.0851)	2
NOV-1	.8265	(.3254)	54119900	.4209	(.1657)	.2016	(.0794)	.4294	(.1690)	.1871	(.0737)	NOV-1
2	.7948	(.3129)	50119912	.3790	(.1492)	.1779	(.0700)	.3857	(.1518)	.1758	(.0692)	2
DEC-1	.6429	(.2531)	54129900	.3424	(.1348)	.1716	(.0675)	.3467	(.1365)	.1630	(.0642)	DEC-1
2	.7092	(.2792)	46129912	.3765	(.1482)	.1690	(.0665)	.3760	(.1480)	.1845	(.0727)	2

LITTLE ROCK, ARK. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.0338	(1.5881)	50019900	2.7611	(1.0870)	.7092	(.2792)	2.7118	(1.0676)	.7783	(.3064)	JAN-1
2	3.9408	(1.5515)	49019900	2.7111	(1.0674)	.6453	(.2541)	2.6383	(1.0387)	.7404	(.2915)	2
FEB-1	4.4392	(1.7477)	59029900	2.7664	(1.0892)	.6370	(.2508)	2.5583	(1.0072)	.6107	(.2404)	FEB-1
2	3.7541	(1.4780)	48029912	2.5681	(1.0111)	.6155	(.2423)	2.4318	(.9574)	.5715	(.2250)	2
MAR-1	4.0317	(1.5873)	63039900	2.8496	(1.1219)	.6687	(.2633)	2.8245	(1.1120)	.4683	(.1844)	MAR-1
2	4.0691	(1.6020)	48039900	3.0440	(1.1984)	.4763	(.1875)	2.9780	(1.1724)	.4753	(.1871)	2
APR-1	4.4077	(1.7353)	48049900	3.2958	(1.2975)	.5698	(.2243)	3.1191	(1.2280)	.5395	(.2124)	APR-1
2	4.2939	(1.6905)	66042312	3.7276	(1.4676)	.3825	(.1506)	3.5498	(1.3976)	.3951	(.1556)	2
MAY-1	4.7231	(1.8595)	67051500	3.9084	(1.5387)	.4212	(.1658)	3.6818	(1.4495)	.4408	(.1735)	MAY-1
2	4.7315	(1.8628)	49059912	4.0181	(1.5819)	.3556	(.1400)	4.0718	(1.6031)	.3382	(.1331)	2
JUN-1	5.0340	(1.9819)	46069900	4.3991	(1.7319)	.3926	(.1546)	4.3778	(1.7235)	.3286	(.1294)	JUN-1
2	6.2045	(2.4427)	47069912	4.8055	(1.8919)	.5653	(.2226)	4.8501	(1.9095)	.4975	(.1959)	2
JUL-1	5.9444	(2.3403)	63079900	5.0328	(1.9814)	.4222	(.1662)	4.9825	(1.9616)	.4269	(.1681)	JUL-1
2	6.0239	(2.3716)	51079900	5.2146	(2.0530)	.4552	(.1792)	5.1963	(2.0458)	.3317	(.1306)	2
AUG-1	6.1966	(2.4396)	70081000	5.1818	(2.0401)	.5687	(.2239)	5.2423	(2.0639)	.4661	(.1835)	AUG-1
2	5.9713	(2.3509)	49089900	5.1151	(2.0138)	.3819	(.1504)	5.1052	(2.0099)	.3366	(.1325)	2
SEP-1	5.6876	(2.2392)	61099912	4.8099	(1.8937)	.5716	(.2250)	4.7584	(1.8734)	.4955	(.1951)	SEP-1
2	5.6647	(2.2302)	47099912	4.4907	(1.7680)	.5027	(.1979)	4.5354	(1.7856)	.5745	(.2262)	2
OCT-1	5.1044	(2.0096)	66100412	3.9897	(1.5708)	.6223	(.2450)	3.7693	(1.4840)	.8430	(.3319)	OCT-1
2	5.1318	(2.0204)	49109912	3.6115	(1.4219)	.7360	(.2898)	3.6233	(1.4265)	.5548	(.2184)	2
NOV-1	4.6698	(1.8385)	46119900	3.3018	(1.2999)	.6232	(.2453)	3.2452	(1.2776)	.5684	(.2238)	NOV-1
2	4.3066	(1.6955)	58119900	3.2726	(1.2884)	.5828	(.2294)	3.1444	(1.2380)	.5621	(.2213)	2
DEC-1	4.4887	(1.7672)	48129912	3.0495	(1.2006)	.5271	(.2075)	3.0483	(1.2001)	.5662	(.2229)	DEC-1
2	4.0043	(1.5765)	49129912	2.7063	(1.0655)	.6477	(.2550)	2.8232	(1.1115)	.6130	(.2413)	2
				SURFACE TO 700MB								
JAN-1	3.0805	(1.2128)	50019900	2.1260	(.8370)	.5608	(.2208)	2.0842	(.8205)	.5501	(.2166)	JAN-1
2	3.0450	(1.1988)	50019900	2.1994	(.8659)	.5627	(.2215)	2.0338	(.8007)	.6324	(.2490)	2
FEB-1	3.2890	(1.2949)	59029900	2.1750	(.8563)	.4475	(.1762)	2.0185	(.7947)	.4418	(.1739)	FEB-1
2	2.8745	(1.1317)	56029912	1.9657	(.7739)	.4932	(.1942)	1.9623	(.7725)	.4594	(.1809)	2
MAR-1	3.0871	(1.2154)	63039900	2.2376	(.8809)	.5338	(.2101)	2.2489	(.8854)	.4286	(.1687)	MAR-1
2	3.1209	(1.2287)	49039900	2.4541	(.9662)	.3973	(.1564)	2.3378	(.9204)	.3630	(.1429)	2
APR-1	3.4158	(1.3448)	72041312	2.6595	(1.0470)	.3945	(.1553)	2.5269	(.9948)	.4020	(.1583)	APR-1
2	3.3787	(1.3302)	57049900	2.9315	(1.1541)	.2759	(.1086)	2.7828	(1.0956)	.2154	(.0848)	2
MAY-1	3.8186	(1.5034)	56059900	3.1902	(1.2560)	.3297	(.1298)	2.9961	(1.1795)	.2545	(.1002)	MAY-1
2	4.0597	(1.5983)	53059912	3.2752	(1.2895)	.2628	(.1035)	3.2584	(1.2828)	.3022	(.1190)	2
JUN-1	4.1255	(1.6242)	54069900	3.4739	(1.3677)	.2919	(.1149)	3.4715	(1.3667)	.2409	(.0948)	JUN-1
2	4.6485	(1.8301)	47069912	3.7715	(1.4848)	.3804	(.1498)	3.7557	(1.4786)	.3636	(.1432)	2
JUL-1	4.5011	(1.7721)	46079912	3.9333	(1.5485)	.3047	(.1200)	3.8730	(1.5248)	.2905	(.1144)	JUL-1
2	4.8082	(1.8930)	58079900	3.9946	(1.5727)	.2919	(.1149)	3.9876	(1.5699)	.1710	(.0673)	2
AUG-1	4.7079	(1.8535)	70080700	3.9725	(1.5640)	.4051	(.1595)	3.9224	(1.5443)	.2906	(.1144)	AUG-1
2	4.4547	(1.7538)	49089900	3.9118	(1.5401)	.2777	(.1093)	3.9054	(1.5376)	.1842	(.0725)	2
SEP-1	4.2657	(1.6794)	72090912	3.6791	(1.4485)	.3218	(.1267)	3.6331	(1.4304)	.3259	(.1283)	SEP-1
2	4.5242	(1.7812)	54099912	3.5037	(1.3794)	.3606	(.1420)	3.5526	(1.3987)	.3828	(.1507)	2
OCT-1	3.9299	(1.5472)	54109912	3.1306	(1.2325)	.4439	(.1748)	3.1337	(1.2338)	.4452	(.1753)	OCT-1
2	3.9596	(1.5589)	49109912	2.8431	(1.1193)	.5443	(.2143)	2.8323	(1.1151)	.4520	(.1780)	2
NOV-1	3.3879	(1.3338)	58119900	2.6267	(1.0341)	.4630	(.1823)	2.6067	(1.0263)	.4415	(.1738)	NOV-1
2	3.5184	(1.3852)	58119900	2.5893	(1.0194)	.5010	(.1972)	2.4680	(.9716)	.4251	(.1674)	2
DEC-1	3.4016	(1.3392)	48129912	2.4069	(.9476)	.3837	(.1511)	2.3826	(.9380)	.4831	(.1902)	DEC-1
2	3.0274	(1.1919)	70122200	2.2215	(.8746)	.4833	(.1903)	2.2241	(.8756)	.4593	(.1808)	2
				SURFACE TO 850MB								
JAN-1	1.8656	(.7345)	52019912	1.2783	(.5033)	.3680	(.1449)	1.2583	(.4954)	.3291	(.1296)	JAN-1
2	1.9027	(.7491)	49019900	1.3259	(.5220)	.3736	(.1471)	1.3285	(.5230)	.3710	(.1460)	2
FEB-1	1.9746	(.7774)	59029900	1.2824	(.5049)	.2798	(.1102)	1.2286	(.4837)	.2892	(.1139)	FEB-1
2	1.7259	(.6795)	56029912	1.1892	(.4682)	.3106	(.1223)	1.1704	(.4608)	.3065	(.1207)	2
MAR-1	1.8108	(.7129)	67030600	1.3374	(.5265)	.3202	(.1260)	1.3654	(.5376)	.2885	(.1136)	MAR-1
2	1.8938	(.7456)	48039912	1.4640	(.5764)	.2336	(.0920)	1.4573	(.5737)	.2344	(.0923)	2
APR-1	2.0739	(.8165)	54049912	1.6123	(.6347)	.2546	(.1002)	1.6126	(.6349)	.2406	(.0947)	APR-1
2	2.1001	(.8268)	70042812	1.8317	(.7211)	.1516	(.0597)	1.7888	(.7043)	.1676	(.0660)	2
MAY-1	2.4000	(.9449)	47059900	1.9792	(.7792)	.1937	(.0763)	1.8851	(.7422)	.1715	(.0675)	MAY-1
2	2.7595	(1.0864)	53059912	2.0781	(.8181)	.1848	(.0728)	2.0487	(.8066)	.2274	(.0895)	2
JUN-1	2.6551	(1.0453)	70061312	2.2070	(.8689)	.2115	(.0833)	2.2101	(.8701)	.1868	(.0736)	JUN-1
2	2.7843	(1.0962)	58069912	2.3339	(.9189)	.2231	(.0878)	2.3355	(.9195)	.2315	(.0912)	2
JUL-1	2.7996	(1.1022)	46079912	2.4262	(.9552)	.1608	(.0633)	2.4095	(.9486)	.1684	(.0663)	JUL-1
2	2.8372	(1.1170)	46079912	2.4699	(.9724)	.1558	(.0614)	2.4512	(.9650)	.1350	(.0532)	2
AUG-1	2.8519	(1.1228)	48089900	2.4750	(.9744)	.2388	(.0940)	2.3972	(.9438)	.1660	(.0653)	AUG-1
2	3.1486	(1.2396)	46089900	2.4203	(.9529)	.2272	(.0895)	2.3784	(.9364)	.1052	(.0414)	2
SEP-1	2.5903	(1.0198)	63099900	2.2581	(.8890)	.1977	(.0778)	2.2622	(.8906)	.1519	(.0598)	SEP-1
2	2.8257	(1.1125)	54099912	2.1555	(.8486)	.2194	(.0864)	2.2166	(.8727)	.2296	(.0904)	2
OCT-1	2.3840	(.9386)	51109912	1.9419	(.7645)	.2635	(.1037)	1.9437	(.7652)	.2700	(.1063)	OCT-1
2	2.3467	(.9239)	49109912	1.7463	(.6875)	.3180	(.1252)	1.7502	(.6891)	.2469	(.0972)	2
NOV-1	2.1077	(.8298)	72110100	1.6042	(.6316)	.2888	(.1137)	1.6061	(.6323)	.2826	(.1113)	NOV-1
2	2.1648	(.8523)	58119912	1.5674	(.6171)	.2834	(.1116)	1.5283	(.6017)	.2798	(.1101)	2
DEC-1	2.0114	(.7919)	48129912	1.4355	(.5652)	.2410	(.0949)	1.3900	(.5473)	.3433	(.1352)	DEC-1
2	1.8049	(.7106)	48129900	1.3747	(.5412)	.2994	(.1179)	1.3562	(.5339)	.2974	(.1171)	2

LONG BEACH-SANTA MONICA, CAL. 17 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.0239	(1.1905)	53011315	1.9322	(.7607)	.5229	(.2059)	2.1512	(.8469)	.4890	(.1925)	JAN-1
2	3.2911	(1.2957)	54012415	2.2995	(.9053)	.4225	(.1663)	2.3124	(.9104)	.4748	(.1869)	2
FEB-1	3.7788	(1.4877)	63020100	2.3484	(.9246)	.7166	(.2821)	2.2412	(.8824)	.7061	(.2780)	FEB-1
2	3.0698	(1.2086)	55021703	2.1201	(.8347)	.5221	(.2055)	1.9799	(.7795)	.4410	(.1736)	2
MAR-1	2.8527	(1.1231)	54030915	1.8906	(.7443)	.3389	(.1334)	1.9156	(.7542)	.4237	(.1668)	MAR-1
2	2.9461	(1.1599)	58032100	2.0621	(.8118)	.3829	(.1507)	1.9533	(.7690)	.4176	(.1644)	2
APR-1	2.8158	(1.1086)	63040800	1.9889	(.7830)	.3339	(.1315)	2.0517	(.8078)	.3235	(.1274)	APR-1
2	2.9329	(1.1547)	53042715	2.1951	(.8642)	.3730	(.1469)	2.1220	(.8354)	.3845	(.1514)	2
MAY-1	2.8898	(1.1377)	63050812	2.0520	(.8079)	.3555	(.1400)	2.0392	(.8028)	.3506	(.1380)	MAY-1
2	3.1684	(1.2474)	57051903	2.5210	(.9925)	.3974	(.1565)	2.3695	(.9329)	.2847	(.1121)	2
JUN-1	3.2713	(1.2879)	57061312	2.5655	(1.0100)	.4061	(.1599)	2.6064	(1.0261)	.3186	(.1254)	JUN-1
2	3.8938	(1.5330)	57062600	2.7422	(1.0796)	.4420	(.1740)	2.6569	(1.0460)	.3113	(.1225)	2
JUL-1	4.9340	(1.9425)	54071403	3.2633	(1.2848)	.7842	(.3088)	3.2542	(1.2812)	.6145	(.2419)	JUL-1
2	5.3878	(2.1212)	52072703	3.8039	(1.4976)	.7121	(.2804)	3.8882	(1.5308)	.5449	(.2145)	2
AUG-1	4.4976	(1.7707)	61080512	3.6962	(1.4552)	.7154	(.2817)	3.7750	(1.4862)	.6813	(.2682)	AUG-1
2	4.5342	(1.7851)	61082212	3.2068	(1.2625)	.5958	(.2346)	3.3869	(1.3334)	.5722	(.2253)	2
SEP-1	4.4935	(1.7691)	60091200	3.4517	(1.3590)	.6722	(.2646)	3.3781	(1.3300)	.7554	(.2974)	SEP-1
2	4.6492	(1.8304)	52092203	3.2130	(1.2650)	.7049	(.2775)	2.9272	(1.1524)	.5619	(.2212)	2
OCT-1	3.7097	(1.4605)	57101400	2.6964	(1.0616)	.6161	(.2426)	2.8195	(1.1100)	.4805	(.1892)	OCT-1
2	3.3454	(1.3171)	64102812	2.4382	(.9599)	.3906	(.1538)	2.6048	(1.0255)	.4950	(.1949)	2
NOV-1	3.0526	(1.2018)	57110100	2.3369	(.9200)	.4272	(.1682)	2.2637	(.8912)	.3483	(.1371)	NOV-1
2	2.6238	(1.0330)	63111600	2.0896	(.8227)	.3160	(.1244)	2.0047	(.7893)	.3808	(.1499)	2
DEC-1	3.2575	(1.2825)	50121503	2.2636	(.8912)	.5916	(.2329)	2.3044	(.9072)	.5266	(.2073)	DEC-1
2	3.3642	(1.3245)	55122303	2.1638	(.8519)	.6483	(.2552)	2.1048	(.8287)	.6105	(.2403)	2
				SURFACE TO 700MB								
JAN-1	2.3719	(.9338)	53011315	1.5706	(.6183)	.3896	(.1534)	1.6846	(.6632)	.3475	(.1368)	JAN-1
2	2.6236	(1.0329)	54012415	1.8202	(.7166)	.3372	(.1328)	1.8545	(.7301)	.3818	(.1503)	2
FEB-1	2.7358	(1.0771)	50020615	1.8496	(.7282)	.4795	(.1888)	1.7692	(.6965)	.4954	(.1950)	FEB-1
2	2.2875	(.9006)	55021703	1.6455	(.6478)	.3509	(.1382)	1.6325	(.6427)	.3345	(.1317)	2
MAR-1	2.0795	(.8187)	57030603	1.5491	(.6099)	.2618	(.1031)	1.5477	(.6093)	.2621	(.1032)	MAR-1
2	2.1448	(.8444)	58031612	1.5861	(.6244)	.2567	(.1011)	1.5441	(.6079)	.2791	(.1099)	2
APR-1	2.3162	(.9119)	63040800	1.7114	(.6738)	.2733	(.1076)	1.6611	(.6540)	.1862	(.0733)	APR-1
2	2.3071	(.9083)	56042615	1.7874	(.7037)	.2768	(.1090)	1.7511	(.6894)	.2910	(.1146)	2
MAY-1	2.4503	(.9647)	56050903	1.7358	(.6834)	.3116	(.1227)	1.6773	(.6603)	.2418	(.0952)	MAY-1
2	2.3833	(.9383)	57051903	1.9998	(.7873)	.2591	(.1020)	1.8819	(.7409)	.2083	(.0820)	2
JUN-1	2.7175	(1.0699)	57061312	2.0596	(.8109)	.2478	(.0976)	2.1035	(.8281)	.2236	(.0880)	JUN-1
2	2.5118	(.9889)	57062600	2.1320	(.8394)	.2650	(.1043)	2.1069	(.8295)	.1326	(.0522)	2
JUL-1	3.5085	(1.3813)	54071403	2.3770	(.9358)	.5099	(.2007)	2.3921	(.9418)	.4517	(.1778)	JUL-1
2	3.7932	(1.4934)	52072703	2.7642	(1.0883)	.5170	(.2035)	2.8016	(1.1030)	.4075	(.1604)	2
AUG-1	3.2781	(1.2906)	60081100	2.6652	(1.0493)	.4723	(.1859)	2.7620	(1.0874)	.4500	(.1772)	AUG-1
2	3.2027	(1.2609)	61081912	2.4647	(.9703)	.3677	(.1448)	2.4854	(.9785)	.3978	(.1566)	2
SEP-1	3.2677	(1.2865)	59091212	2.6538	(1.0448)	.4066	(.1601)	2.5707	(1.0121)	.4773	(.1879)	SEP-1
2	3.7186	(1.4640)	52092703	2.5741	(1.0134)	.4956	(.1951)	2.3308	(.9176)	.4289	(.1689)	2
OCT-1	3.1636	(1.2455)	60100700	2.1749	(.8563)	.4816	(.1896)	2.2293	(.8777)	.3560	(.1402)	OCT-1
2	2.4828	(.9775)	63101612	1.9652	(.7737)	.3131	(.1233)	1.9996	(.7872)	.3581	(.1410)	2
NOV-1	2.3322	(.9182)	57110100	1.8984	(.7474)	.3425	(.1348)	1.8451	(.7264)	.3178	(.1251)	NOV-1
2	2.3099	(.9094)	63111600	1.6359	(.6440)	.2924	(.1151)	1.5977	(.6290)	.3235	(.1274)	2
DEC-1	2.5014	(.9848)	52120203	1.7966	(.7073)	.4666	(.1837)	1.8092	(.7123)	.3278	(.1291)	DEC-1
2	2.6591	(1.0469)	55122303	1.7474	(.6880)	.5440	(.2142)	1.6814	(.6620)	.4901	(.1930)	2
				SURFACE TO 850MB								
JAN-1	1.5105	(.5947)	53011315	1.0107	(.3979)	.2020	(.0795)	1.0773	(.4241)	.2220	(.0874)	JAN-1
2	1.5669	(.6169)	54012415	1.1797	(.4644)	.1658	(.0653)	1.1508	(.4531)	.2009	(.0791)	2
FEB-1	1.6383	(.6450)	50020615	1.1757	(.4629)	.2258	(.0889)	1.1230	(.4421)	.2565	(.1010)	FEB-1
2	1.4524	(.5718)	59021700	1.0550	(.4153)	.2042	(.0804)	1.0864	(.4277)	.1533	(.0603)	2
MAR-1	1.3498	(.5314)	54031003	1.0522	(.4142)	.1617	(.0637)	1.0254	(.4037)	.1179	(.0464)	MAR-1
2	1.3211	(.5201)	58031612	1.0606	(.4175)	.1149	(.0452)	1.0407	(.4097)	.1026	(.0404)	2
APR-1	1.3838	(.5448)	54040603	1.1714	(.4612)	.1456	(.0573)	1.1311	(.4453)	.1114	(.0438)	APR-1
2	1.4775	(.5817)	58041700	1.1819	(.4653)	.1660	(.0654)	1.1631	(.4579)	.1284	(.0506)	2
MAY-1	1.3942	(.5489)	56050415	1.1767	(.4633)	.1370	(.0539)	1.1726	(.4617)	.1142	(.0450)	MAY-1
2	1.4892	(.5863)	50052803	1.2954	(.5100)	.1153	(.0454)	1.2841	(.5055)	.0897	(.0353)	2
JUN-1	1.6243	(.6395)	57061312	1.3650	(.5374)	.1299	(.0511)	1.3649	(.5374)	.1154	(.0454)	JUN-1
2	1.6563	(.6521)	59062700	1.4297	(.5629)	.1517	(.0597)	1.4343	(.5647)	.1238	(.0487)	2
JUL-1	2.0376	(.8022)	59070212	1.4761	(.5811)	.2510	(.0988)	1.5033	(.5918)	.2191	(.0863)	JUL-1
2	2.0886	(.8223)	52073015	1.5901	(.6260)	.2609	(.1027)	1.6860	(.6638)	.2143	(.0844)	2
AUG-1	1.9609	(.7720)	60081100	1.6020	(.6307)	.2174	(.0856)	1.6175	(.6368)	.1984	(.0781)	AUG-1
2	1.9263	(.7584)	61081912	1.5680	(.6173)	.2040	(.0803)	1.5950	(.6279)	.2088	(.0822)	2
SEP-1	1.9157	(.7542)	59091400	1.6096	(.6337)	.1828	(.0720)	1.5808	(.6224)	.2338	(.0920)	SEP-1
2	2.3604	(.9293)	52092703	1.5900	(.6260)	.2892	(.1138)	1.5092	(.5942)	.2051	(.0808)	2
OCT-1	1.8885	(.7435)	60100700	1.4417	(.5676)	.1998	(.0787)	1.4122	(.5560)	.1833	(.0722)	OCT-1
2	1.5227	(.5995)	63102312	1.3254	(.5218)	.1209	(.0476)	1.3394	(.5273)	.1516	(.0597)	2
NOV-1	1.5822	(.6229)	52110203	1.2996	(.5116)	.1771	(.0697)	1.2222	(.4812)	.2059	(.0811)	NOV-1
2	1.4234	(.5604)	63111600	1.1041	(.4347)	.1887	(.0743)	1.0806	(.4254)	.1572	(.0619)	2
DEC-1	1.4663	(.5773)	52120203	1.1006	(.4333)	.2228	(.0877)	1.1255	(.4431)	.1708	(.0673)	DEC-1
2	1.5509	(.6106)	55122303	1.1263	(.4434)	.2753	(.1084)	1.0675	(.4203)	.2842	(.1119)	2

MEDFORD, ORE. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.6020	(1.0244)	56019900	1.8217	(.7172)	.4226	(.1664)	1.8021	(.7095)	.4026	(.1585)	JAN-1
2	3.3101	(1.3032)	71011700	1.8850	(.7421)	.4155	(.1636)	1.9067	(.7507)	.3973	(.1564)	2
FEB-1	3.0137	(1.1865)	60029900	1.8193	(.7163)	.4302	(.1694)	1.7909	(.7051)	.3272	(.1288)	FEB-1
2	2.6248	(1.0334)	68022300	1.6747	(.6593)	.4187	(.1648)	1.6624	(.6545)	.3960	(.1559)	2
MAR-1	2.4849	(.9783)	72030212	1.6307	(.6420)	.3252	(.1280)	1.6622	(.6544)	.3841	(.1512)	MAR-1
2	2.6817	(1.0558)	52039912	1.7299	(.6811)	.2802	(.1103)	1.7378	(.6842)	.3112	(.1225)	2
APR-1	2.5959	(1.0220)	59049900	1.8299	(.7204)	.3254	(.1281)	1.7593	(.6927)	.2868	(.1129)	APR-1
2	2.4000	(.9449)	65041912	1.8071	(.7115)	.3685	(.1451)	1.7706	(.6971)	.3383	(.1332)	2
MAY-1	2.7404	(1.0789)	50059900	2.0957	(.8251)	.3975	(.1565)	1.9847	(.7814)	.2891	(.1138)	MAY-1
2	3.1140	(1.2260)	56059900	2.2830	(.8988)	.3508	(.1381)	2.2472	(.8847)	.2727	(.1074)	2
JUN-1	3.2743	(1.2891)	55069900	2.5603	(1.0080)	.4539	(.1787)	2.5082	(.9875)	.2936	(.1156)	JUN-1
2	3.7374	(1.4714)	48069900	2.6355	(1.0376)	.3746	(.1475)	2.5226	(.9932)	.4739	(.1866)	2
JUL-1	3.4407	(1.3546)	61079900	2.6361	(1.0378)	.3700	(.1457)	2.5971	(1.0225)	.2761	(.1087)	JUL-1
2	3.8537	(1.5172)	52079900	2.7183	(1.0702)	.5319	(.2094)	2.7611	(1.0870)	.5055	(.1990)	2
AUG-1	4.0350	(1.5886)	61089912	2.6671	(1.0501)	.5698	(.2243)	2.7033	(1.0643)	.5403	(.2127)	AUG-1
2	3.3531	(1.3201)	65081900	2.6012	(1.0241)	.4391	(.1729)	2.5958	(1.0220)	.3992	(.1572)	2
SEP-1	3.2512	(1.2800)	58099900	2.5294	(.9958)	.4042	(.1591)	2.4434	(.9620)	.4252	(.1674)	SEP-1
2	3.0825	(1.2136)	69092312	2.3803	(.9371)	.3754	(.1478)	2.4091	(.9485)	.4429	(.1744)	2
OCT-1	3.2532	(1.2808)	47109900	2.4584	(.9679)	.3498	(.1377)	2.3822	(.9379)	.3124	(.1230)	OCT-1
2	3.0411	(1.1973)	67102800	2.3374	(.9202)	.3846	(.1514)	2.3201	(.9134)	.3010	(.1185)	2
NOV-1	3.3721	(1.3276)	68110812	2.2298	(.8779)	.4294	(.1691)	2.1145	(.8325)	.4277	(.1684)	NOV-1
2	3.0493	(1.2005)	70112400	2.1570	(.8492)	.3405	(.1340)	2.0868	(.8216)	.3678	(.1448)	2
DEC-1	2.7854	(1.0966)	58129912	1.9478	(.7668)	.3738	(.1472)	1.9739	(.7771)	.3149	(.1240)	DEC-1
2	2.8395	(1.1179)	64129912	1.8492	(.7280)	.3257	(.1282)	1.8620	(.7331)	.3596	(.1416)	2
				SURFACE TO 700MB								
JAN-1	1.7709	(.6972)	56019900	1.3136	(.5172)	.2509	(.0988)	1.2943	(.5096)	.2597	(.1022)	JAN-1
2	2.1885	(.8616)	71011800	1.3426	(.5286)	.2682	(.1056)	1.3504	(.5316)	.2933	(.1155)	2
FEB-1	1.9568	(.7704)	60029900	1.3198	(.5196)	.2699	(.1062)	1.2867	(.5066)	.2387	(.0940)	FEB-1
2	1.8626	(.7333)	68022300	1.2303	(.4844)	.2883	(.1135)	1.1993	(.4722)	.2443	(.0962)	2
MAR-1	1.9362	(.7623)	60039912	1.1840	(.4662)	.2241	(.0882)	1.2174	(.4793)	.2657	(.1046)	MAR-1
2	1.7892	(.7044)	52039912	1.2743	(.5017)	.1723	(.0678)	1.3144	(.5175)	.1971	(.0776)	2
APR-1	1.8842	(.7418)	59049912	1.3456	(.5298)	.2098	(.0826)	1.3452	(.5296)	.2043	(.0804)	APR-1
2	1.7473	(.6879)	65041912	1.3473	(.5304)	.2356	(.0927)	1.3308	(.5239)	.1789	(.0704)	2
MAY-1	1.9573	(.7706)	49059900	1.5702	(.6182)	.2331	(.0918)	1.4939	(.5881)	.1741	(.0685)	MAY-1
2	2.3553	(.9273)	57059900	1.7443	(.6867)	.2243	(.0883)	1.6747	(.6593)	.1990	(.0784)	2
JUN-1	2.5423	(1.0009)	51069900	1.9062	(.7505)	.2967	(.1168)	1.8720	(.7370)	.1797	(.0707)	JUN-1
2	2.9934	(1.1785)	48069900	1.8147	(.7145)	.5179	(.2039)	1.9246	(.7577)	.2883	(.1135)	2
JUL-1	2.6172	(1.0304)	70070412	2.0018	(.7881)	.2946	(.1160)	2.0301	(.7992)	.1869	(.0736)	JUL-1
2	2.6513	(1.0438)	60079912	1.9885	(.7829)	.3648	(.1436)	2.0933	(.8241)	.3067	(.1207)	2
AUG-1	2.8179	(1.1094)	52089900	2.0506	(.8073)	.3994	(.1573)	2.0017	(.7881)	.3237	(.1274)	AUG-1
2	2.3632	(.9304)	62089912	1.9286	(.7593)	.3029	(.1192)	1.9847	(.7814)	.2216	(.0872)	2
SEP-1	2.5245	(.9939)	57099912	1.8566	(.7310)	.2376	(.0935)	1.9074	(.7509)	.2622	(.1032)	SEP-1
2	2.4331	(.9579)	70091812	1.7911	(.7052)	.2026	(.0798)	1.8180	(.7158)	.2561	(.1008)	2
OCT-1	2.3002	(.9056)	47109900	1.7543	(.6907)	.2509	(.0988)	1.7056	(.6715)	.2233	(.0879)	OCT-1
2	2.1763	(.8568)	49109912	1.7224	(.6781)	.2643	(.1041)	1.6520	(.6504)	.1884	(.0742)	2
NOV-1	2.3421	(.9221)	68110900	1.6310	(.6421)	.2792	(.1099)	1.5311	(.6028)	.2767	(.1089)	NOV-1
2	2.0947	(.8247)	70112400	1.5377	(.6054)	.2314	(.0911)	1.5306	(.6026)	.2310	(.0909)	2
DEC-1	2.2586	(.8892)	58129900	1.4035	(.5526)	.2647	(.1042)	1.4235	(.5604)	.2529	(.0996)	DEC-1
2	2.0015	(.7880)	55129900	1.3776	(.5423)	.2846	(.1121)	1.3145	(.5175)	.2239	(.0882)	2
				SURFACE TO 850MB								
JAN-1	.9350	(.3681)	69010400	.6584	(.2592)	.1195	(.0470)	.6430	(.2532)	.1228	(.0484)	JAN-1
2	1.0569	(.4161)	71011812	.7015	(.2762)	.1283	(.0505)	.6866	(.2703)	.1466	(.0577)	2
FEB-1	.9662	(.3804)	63029900	.6747	(.2656)	.1249	(.0492)	.6625	(.2608)	.1160	(.0457)	FEB-1
2	.9032	(.3556)	68022312	.6430	(.2532)	.1308	(.0515)	.6281	(.2473)	.1119	(.0441)	2
MAR-1	1.0363	(.4080)	72031200	.6328	(.2491)	.1277	(.0503)	.6320	(.2488)	.1176	(.0463)	MAR-1
2	.9164	(.3608)	52039900	.6734	(.2651)	.0880	(.0346)	.6753	(.2659)	.0876	(.0345)	2
APR-1	1.0025	(.3947)	59049912	.7145	(.2813)	.1121	(.0441)	.7419	(.2921)	.1133	(.0446)	APR-1
2	.9375	(.3691)	65041912	.7208	(.2838)	.1145	(.0451)	.7304	(.2876)	.0960	(.0378)	2
MAY-1	.9881	(.3890)	50059900	.8023	(.3159)	.0929	(.0366)	.8118	(.3196)	.0953	(.0375)	MAY-1
2	1.1689	(.4602)	57059900	.9013	(.3548)	.1229	(.0484)	.9165	(.3608)	.0958	(.0377)	2
JUN-1	1.2974	(.5108)	48069900	.9731	(.3831)	.1610	(.0634)	1.0174	(.4006)	.1090	(.0429)	JUN-1
2	1.4531	(.5721)	48069900	1.0292	(.4052)	.1774	(.0698)	1.0509	(.4137)	.1501	(.0591)	2
JUL-1	1.3848	(.5452)	70070412	.9983	(.3930)	.1349	(.0531)	1.0982	(.4324)	.0993	(.0391)	JUL-1
2	1.4862	(.5851)	48079900	1.0075	(.3967)	.2056	(.0809)	1.1193	(.4407)	.1308	(.0515)	2
AUG-1	1.4846	(.5845)	63089900	1.0288	(.4050)	.2033	(.0801)	1.1028	(.4342)	.1513	(.0596)	AUG-1
2	1.2865	(.5065)	58089912	.9827	(.3869)	.1473	(.0580)	1.0690	(.4209)	.1078	(.0424)	2
SEP-1	1.4072	(.5540)	53099900	.9596	(.3778)	.1654	(.0651)	1.0423	(.4104)	.1183	(.0466)	SEP-1
2	1.2464	(.4907)	70091812	.9349	(.3681)	.1194	(.0470)	.9789	(.3854)	.1148	(.0452)	2
OCT-1	1.1387	(.4483)	55109900	.9207	(.3625)	.1352	(.0532)	.9316	(.3668)	.0938	(.0369)	OCT-1
2	1.2794	(.5037)	59109900	.9114	(.3588)	.1265	(.0498)	.9057	(.3566)	.1169	(.0460)	2
NOV-1	1.1976	(.4715)	50119900	.8392	(.3304)	.1460	(.0575)	.8092	(.3186)	.1394	(.0549)	NOV-1
2	1.0300	(.4055)	53119900	.8005	(.3152)	.1233	(.0485)	.7734	(.3045)	.1126	(.0443)	2
DEC-1	1.1400	(.4488)	58129900	.7271	(.2862)	.1284	(.0506)	.7196	(.2833)	.1288	(.0507)	DEC-1
2	.9289	(.3657)	55129900	.6846	(.2695)	.1469	(.0578)	.6660	(.2622)	.1104	(.0435)	2

MIAMI, FLA. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.7869	(1.8846)	59010412	3.5165	(1.3844)	.6437	(.2534)	3.5197	(1.3857)	.6148	(.2421)	JAN-1
2	4.6459	(1.8291)	58012200	3.7579	(1.4795)	.4960	(.1953)	3.5256	(1.3880)	.4429	(.1744)	2
FEB-1	4.5623	(1.7962)	53021515	3.6691	(1.4445)	.4922	(.1938)	3.6242	(1.4268)	.4655	(.1833)	FEB-1
2	4.7866	(1.8845)	66021912	3.7055	(1.4589)	.5187	(.2042)	3.7613	(1.4808)	.6086	(.2396)	2
MAR-1	4.6452	(1.8288)	59030912	3.8491	(1.5154)	.4396	(.1731)	3.6891	(1.4524)	.4399	(.1732)	MAR-1
2	4.9085	(1.9325)	59032000	3.8627	(1.5207)	.4243	(.1671)	3.8969	(1.5342)	.4613	(.1816)	2
APR-1	5.4580	(2.1488)	72040100	4.0547	(1.5963)	.5744	(.2261)	4.0150	(1.5807)	.4826	(.1900)	APR-1
2	5.2504	(2.0671)	57041903	4.1115	(1.6187)	.4392	(.1729)	3.8214	(1.5045)	.4405	(.1734)	2
MAY-1	5.1996	(2.0471)	58050512	4.3046	(1.6947)	.4222	(.1662)	4.2411	(1.6697)	.5703	(.2245)	MAY-1
2	5.6276	(2.2156)	58052400	4.6908	(1.8468)	.4330	(.1705)	4.6901	(1.8465)	.4644	(.1828)	2
JUN-1	5.9672	(2.3493)	69061500	5.2721	(2.0756)	.3883	(.1529)	5.0641	(1.9938)	.4206	(.1656)	JUN-1
2	6.2588	(2.4641)	69061800	5.2386	(2.0624)	.4314	(.1698)	5.1861	(2.0418)	.4418	(.1739)	2
JUL-1	6.0980	(2.4008)	69070112	5.1338	(2.0212)	.3077	(.1211)	5.1077	(2.0109)	.4007	(.1578)	JUL-1
2	5.9177	(2.3298)	70072300	5.1875	(2.0423)	.3970	(.1563)	5.1043	(2.0096)	.3000	(.1181)	2
AUG-1	5.8077	(2.2865)	70080800	5.2115	(2.0518)	.2978	(.1172)	5.1568	(2.0302)	.3315	(.1305)	AUG-1
2	5.9345	(2.3364)	64082712	5.3374	(2.1014)	.2177	(.0857)	5.2428	(2.0641)	.2441	(.0961)	2
SEP-1	6.0856	(2.3959)	49091115	5.3870	(2.1209)	.3008	(.1184)	5.2984	(2.0860)	.3241	(.1276)	SEP-1
2	6.4285	(2.5309)	47091715	5.3679	(2.1133)	.3156	(.1242)	5.3207	(2.0948)	.3854	(.1517)	2
OCT-1	6.0805	(2.3939)	69100212	5.2433	(2.0643)	.3495	(.1376)	5.2144	(2.0529)	.3733	(.1470)	OCT-1
2	5.8115	(2.2880)	69102212	4.8289	(1.9011)	.4698	(.1850)	4.8179	(1.8968)	.5365	(.2112)	2
NOV-1	5.6700	(2.2323)	58110800	4.5587	(1.7947)	.5241	(.2063)	4.4970	(1.7705)	.5254	(.2069)	NOV-1
2	5.2060	(2.0496)	72112100	3.9704	(1.5632)	.7005	(.2758)	3.8971	(1.5343)	.6423	(.2529)	2
DEC-1	5.1003	(2.0080)	72121500	3.8784	(1.5269)	.5624	(.2214)	3.8417	(1.5125)	.5916	(.2329)	DEC-1
2	4.9639	(1.9543)	50123103	3.9429	(1.5523)	.6056	(.2384)	3.8517	(1.5164)	.5338	(.2102)	2
				SURFACE TO 700MB								
JAN-1	3.6957	(1.4550)	59010412	2.9481	(1.1607)	.4351	(.1713)	2.9315	(1.1542)	.4098	(.1613)	JAN-1
2	3.6264	(1.4277)	58012200	3.0978	(1.2196)	.3189	(.1256)	2.9712	(1.1698)	.2869	(.1130)	2
FEB-1	3.7239	(1.4661)	72020312	2.9846	(1.1750)	.3151	(.1241)	2.9985	(1.1805)	.3515	(.1384)	FEB-1
2	3.6670	(1.4437)	52021703	3.0555	(1.2029)	.3926	(.1546)	2.9786	(1.1727)	.4306	(.1695)	2
MAR-1	3.7346	(1.4703)	58030112	3.1516	(1.2408)	.2869	(.1129)	3.0987	(1.2200)	.3354	(.1321)	MAR-1
2	3.7041	(1.4583)	47032015	3.1658	(1.2464)	.2161	(.0851)	3.1508	(1.2405)	.2608	(.1027)	2
APR-1	4.3472	(1.7115)	72040100	3.3450	(1.3169)	.4608	(.1814)	3.2892	(1.2950)	.3083	(.1214)	APR-1
2	3.9820	(1.5677)	57041903	3.3598	(1.3227)	.2864	(.1128)	3.1493	(1.2399)	.2668	(.1051)	2
MAY-1	4.0084	(1.5781)	58050512	3.4193	(1.3462)	.3025	(.1191)	3.4165	(1.3451)	.3440	(.1354)	MAY-1
2	4.2545	(1.6750)	58053100	3.6755	(1.4470)	.2518	(.0991)	3.6349	(1.4311)	.2809	(.1106)	2
JUN-1	4.5712	(1.7997)	55061315	3.9467	(1.5538)	.2309	(.0909)	3.9044	(1.5372)	.2677	(.1054)	JUN-1
2	4.6192	(1.8186)	69061800	3.9814	(1.5675)	.2427	(.0956)	3.9705	(1.5632)	.2589	(.1019)	2
JUL-1	4.4305	(1.7443)	66070212	3.9706	(1.5632)	.1954	(.0769)	3.9621	(1.5599)	.2320	(.0913)	JUL-1
2	4.5489	(1.7909)	69072700	4.0583	(1.5978)	.2561	(.1008)	4.0277	(1.5857)	.1997	(.0786)	2
AUG-1	4.4935	(1.7691)	49080615	4.0254	(1.5848)	.1534	(.0604)	4.0332	(1.5879)	.2117	(.0833)	AUG-1
2	4.5098	(1.7755)	58082100	4.0729	(1.6035)	.1672	(.0658)	4.0470	(1.5933)	.1552	(.0611)	2
SEP-1	4.6345	(1.8246)	49091115	4.0690	(1.6020)	.1555	(.0612)	4.0660	(1.6008)	.2274	(.0895)	SEP-1
2	4.7087	(1.8538)	66092812	4.1294	(1.6258)	.1826	(.0719)	4.1046	(1.6160)	.2197	(.0865)	2
OCT-1	4.3503	(1.7127)	68100100	4.0155	(1.5809)	.2213	(.0871)	3.9708	(1.5633)	.2090	(.0823)	OCT-1
2	4.4310	(1.7445)	59102312	3.8144	(1.5017)	.2360	(.0929)	3.7692	(1.4839)	.3065	(.1207)	2
NOV-1	4.4221	(1.7410)	58110800	3.5868	(1.4121)	.3623	(.1427)	3.5461	(1.3961)	.2533	(.0997)	NOV-1
2	4.0528	(1.5956)	72112100	3.2374	(1.2746)	.4572	(.1800)	3.2238	(1.2692)	.4192	(.1650)	2
DEC-1	4.0940	(1.6118)	72121500	3.1723	(1.2489)	.3947	(.1554)	3.1724	(1.2490)	.3776	(.1487)	DEC-1
2	3.8989	(1.5350)	72121600	3.2143	(1.2655)	.4091	(.1611)	3.1433	(1.2375)	.3401	(.1339)	2
				SURFACE TO 850MB								
JAN-1	2.3028	(.9066)	62010600	2.0001	(.7874)	.2043	(.0804)	1.9860	(.7819)	.2410	(.0949)	JAN-1
2	2.2923	(.9025)	72012400	2.0199	(.7952)	.1639	(.0645)	1.9880	(.7827)	.1678	(.0661)	2
FEB-1	2.3025	(.9065)	72020312	1.9632	(.7729)	.1690	(.0665)	1.9690	(.7752)	.1569	(.0618)	FEB-1
2	2.4145	(.9506)	53022215	1.9973	(.7863)	.2104	(.0828)	2.0047	(.7892)	.2206	(.0868)	2
MAR-1	2.4260	(.9551)	70031312	2.0813	(.8194)	.1539	(.0606)	2.0845	(.8207)	.1657	(.0652)	MAR-1
2	2.3970	(.9437)	70032800	2.0746	(.8168)	.1464	(.0576)	2.0918	(.8235)	.1605	(.0632)	2
APR-1	2.5542	(1.0056)	72040100	2.1780	(.8575)	.1951	(.0768)	2.1749	(.8563)	.1500	(.0591)	APR-1
2	2.4724	(.9734)	69041912	2.1649	(.8523)	.1485	(.0585)	2.1316	(.8392)	.1543	(.0607)	2
MAY-1	2.5184	(.9915)	71050200	2.2359	(.8803)	.1765	(.0695)	2.2345	(.8797)	.1683	(.0663)	MAY-1
2	2.6492	(1.0430)	68052400	2.3552	(.9272)	.1332	(.0524)	2.3629	(.9303)	.1226	(.0483)	2
JUN-1	2.8029	(1.1035)	57060812	2.4911	(.9808)	.1147	(.0451)	2.4797	(.9763)	.1285	(.0506)	JUN-1
2	2.8291	(1.1138)	55062503	2.5713	(1.0123)	.1252	(.0493)	2.5444	(1.0017)	.1325	(.0521)	2
JUL-1	2.7859	(1.0968)	58071500	2.5791	(1.0154)	.1155	(.0455)	2.5812	(1.0162)	.0907	(.0357)	JUL-1
2	2.8829	(1.1350)	70073112	2.6284	(1.0348)	.1197	(.0471)	2.6049	(1.0256)	.1117	(.0440)	2
AUG-1	2.8971	(1.1406)	49081015	2.6125	(1.0286)	.1051	(.0414)	2.6076	(1.0266)	.1051	(.0414)	AUG-1
2	2.9098	(1.1456)	57082012	2.6121	(1.0284)	.0773	(.0304)	2.6082	(1.0268)	.1166	(.0459)	2
SEP-1	2.8735	(1.1313)	64091212	2.5841	(1.0174)	.0905	(.0356)	2.6174	(1.0305)	.1198	(.0472)	SEP-1
2	2.9599	(1.1653)	66092812	2.6193	(1.0312)	.1012	(.0399)	2.6073	(1.0265)	.1239	(.0488)	2
OCT-1	2.7407	(1.0790)	52101315	2.5330	(.9972)	.1083	(.0426)	2.5280	(.9953)	.1157	(.0456)	OCT-1
2	2.7950	(1.1004)	59102312	2.3859	(.9393)	.1480	(.0582)	2.3836	(.9384)	.1710	(.0673)	2
NOV-1	2.7010	(1.0634)	72111512	2.2914	(.9021)	.1983	(.0781)	2.2829	(.8988)	.1540	(.0606)	NOV-1
2	2.5743	(1.0135)	72112100	2.1317	(.8392)	.2366	(.0931)	2.1495	(.8462)	.1986	(.0782)	2
DEC-1	2.6076	(1.0266)	72121500	2.0900	(.8228)	.2331	(.0918)	2.0746	(.8168)	.2379	(.0936)	DEC-1
2	2.4694	(.9722)	72121600	2.0846	(.8207)	.2362	(.0930)	2.0680	(.8142)	.2060	(.0811)	2

MIDLAND, TEX. 24 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.8699	(1.1299)	55019912	1.6378	(.6448)	.4902	(.1930)	1.6919	(.6661)	.5443	(.2143)	JAN-1
2	2.6408	(1.0397)	61019912	1.4501	(.5709)	.3681	(.1449)	1.5780	(.6213)	.3940	(.1551)	2
FEB-1	2.6045	(1.0254)	57029900	1.5812	(.6225)	.4229	(.1665)	1.5478	(.6094)	.3531	(.1390)	FEB-1
2	2.3282	(.9166)	51029900	1.4974	(.5895)	.4254	(.1675)	1.6132	(.6351)	.3780	(.1488)	2
MAR-1	2.4331	(.9579)	53039912	1.4973	(.5895)	.3908	(.1539)	1.5868	(.6247)	.4429	(.1744)	MAR-1
2	2.6800	(1.0551)	53039912	1.7515	(.6896)	.3596	(.1416)	1.8407	(.7247)	.3624	(.1427)	2
APR-1	2.8872	(1.1367)	69041112	1.8923	(.7450)	.4820	(.1898)	2.0309	(.7996)	.4407	(.1735)	APR-1
2	2.9055	(1.1439)	63049900	2.1879	(.8614)	.3956	(.1558)	2.2972	(.9044)	.3063	(.1206)	2
MAY-1	3.2334	(1.2730)	50059900	2.5339	(.9976)	.3280	(.1291)	2.5459	(1.0023)	.3548	(.1397)	MAY-1
2	4.7866	(1.8845)	59059900	2.9482	(1.1607)	.5238	(.2062)	2.7742	(1.0922)	.2312	(.0910)	2
JUN-1	4.1465	(1.6325)	50069900	3.3394	(1.3147)	.3839	(.1511)	3.2099	(1.2637)	.3311	(.1304)	JUN-1
2	4.5966	(1.8097)	70063000	3.4552	(1.3603)	.5219	(.2055)	3.4537	(1.3597)	.4790	(.1886)	2
JUL-1	4.3866	(1.7270)	70071400	3.5520	(1.3984)	.5253	(.2068)	3.6713	(1.4454)	.3241	(.1276)	JUL-1
2	4.3655	(1.7187)	58079900	3.7534	(1.4777)	.3037	(.1196)	3.8655	(1.5218)	.3042	(.1198)	2
AUG-1	4.2248	(1.6633)	71081512	3.6139	(1.4228)	.3401	(.1339)	3.7055	(1.4588)	.2476	(.0975)	AUG-1
2	4.3960	(1.7307)	58089912	3.8139	(1.5015)	.3359	(.1322)	3.8847	(1.5294)	.3005	(.1183)	2
SEP-1	4.4432	(1.7493)	70091512	3.5396	(1.3936)	.4788	(.1885)	3.7220	(1.4654)	.4482	(.1764)	SEP-1
2	4.4107	(1.7365)	58099900	3.3779	(1.3299)	.5456	(.2148)	3.3275	(1.3100)	.5065	(.1994)	2
OCT-1	4.1356	(1.6282)	55109900	2.9387	(1.1570)	.6428	(.2531)	3.0737	(1.2101)	.6195	(.2439)	OCT-1
2	3.4922	(1.3749)	53109912	2.6021	(1.0244)	.5704	(.2246)	2.6582	(1.0465)	.6188	(.2436)	2
NOV-1	3.3327	(1.3121)	59119900	2.1069	(.8295)	.5655	(.2226)	2.0912	(.8233)	.5759	(.2268)	NOV-1
2	2.6208	(1.0318)	68112612	1.8077	(.7117)	.4053	(.1596)	1.8121	(.7134)	.5059	(.1992)	2
DEC-1	2.5613	(1.0084)	51129912	1.6881	(.6646)	.2536	(.0998)	1.7824	(.7017)	.4662	(.1836)	DEC-1
2	2.5428	(1.0011)	49129912	1.5574	(.6131)	.3807	(.1499)	1.6207	(.6381)	.3688	(.1452)	2
				SURFACE TO 700MB								
JAN-1	1.8542	(.7300)	55019912	1.0293	(.4052)	.3136	(.1235)	1.0973	(.4320)	.3584	(.1411)	JAN-1
2	1.6957	(.6676)	61019912	.9392	(.3698)	.2434	(.0958)	1.0888	(.4287)	.2879	(.1134)	2
FEB-1	1.8438	(.7259)	57029900	1.0453	(.4115)	.2958	(.1164)	1.0600	(.4173)	.2772	(.1091)	FEB-1
2	1.8941	(.7457)	51029900	1.0629	(.4185)	.3134	(.1234)	1.1014	(.4336)	.2478	(.0975)	2
MAR-1	1.6292	(.6414)	51039912	1.0486	(.4128)	.2742	(.1080)	1.0518	(.4141)	.3042	(.1198)	MAR-1
2	1.9342	(.7615)	67033112	1.2491	(.4918)	.2622	(.1032)	1.2994	(.5116)	.2690	(.1059)	2
APR-1	2.0178	(.7944)	65041312	1.3304	(.5238)	.2952	(.1162)	1.4311	(.5634)	.3259	(.1283)	APR-1
2	2.2225	(.8750)	56049912	1.5851	(.6240)	.2442	(.0962)	1.7135	(.6746)	.2737	(.1078)	2
MAY-1	2.4910	(.9807)	50059900	1.9073	(.7509)	.2750	(.1083)	1.9470	(.7665)	.2675	(.1053)	MAY-1
2	2.4486	(.9640)	53059900	2.0126	(.7924)	.2317	(.0912)	2.0559	(.8094)	.1434	(.0564)	2
JUN-1	2.9568	(1.1641)	50069900	2.2940	(.9032)	.2486	(.0979)	2.3259	(.9157)	.2075	(.0817)	JUN-1
2	2.9721	(1.1701)	53069912	2.2969	(.9043)	.2648	(.1042)	2.4003	(.9450)	.2664	(.1049)	2
JUL-1	2.9736	(1.1707)	50079912	2.3573	(.9281)	.2719	(.1070)	2.4357	(.9589)	.2385	(.0939)	JUL-1
2	2.8946	(1.1396)	53079900	2.4151	(.9508)	.2369	(.0933)	2.5214	(.9927)	.1921	(.0756)	2
AUG-1	2.7818	(1.0952)	50089900	2.3323	(.9182)	.2269	(.0893)	2.4683	(.9718)	.1668	(.0657)	AUG-1
2	2.9662	(1.1678)	51089912	2.4642	(.9702)	.2162	(.0851)	2.5510	(1.0043)	.2173	(.0855)	2
SEP-1	2.8819	(1.1346)	53099900	2.3432	(.9225)	.2991	(.1178)	2.4385	(.9600)	.1937	(.0762)	SEP-1
2	2.8037	(1.1038)	57099900	2.3067	(.9081)	.3073	(.1210)	2.3045	(.9073)	.3179	(.1252)	2
OCT-1	2.7010	(1.0634)	49109900	2.0445	(.8049)	.3948	(.1555)	2.0760	(.8173)	.3685	(.1451)	OCT-1
2	2.5237	(.9936)	53109912	1.7630	(.6941)	.3958	(.1558)	1.7902	(.7048)	.4073	(.1604)	2
NOV-1	2.3360	(.9197)	59119900	1.4645	(.5766)	.3796	(.1494)	1.4522	(.5717)	.3690	(.1453)	NOV-1
2	2.0025	(.7884)	62119912	1.2380	(.4874)	.2855	(.1124)	1.2805	(.5041)	.3490	(.1374)	2
DEC-1	1.6591	(.6532)	69120412	1.1307	(.4451)	.1877	(.0739)	1.1690	(.4602)	.2682	(.1056)	DEC-1
2	1.6942	(.6670)	49129912	1.0347	(.4074)	.1980	(.0779)	1.0763	(.4237)	.1993	(.0785)	2
				SURFACE TO 850MB								
JAN-1	.7242	(.2851)	55019912	.3970	(.1563)	.1409	(.0555)	.4140	(.1630)	.1472	(.0579)	JAN-1
2	.7005	(.2758)	52019900	.3668	(.1444)	.1266	(.0499)	.4234	(.1667)	.1221	(.0481)	2
FEB-1	.7615	(.2998)	57029900	.3905	(.1537)	.1290	(.0508)	.4192	(.1650)	.1118	(.0440)	FEB-1
2	.8214	(.3234)	51029900	.4306	(.1695)	.1398	(.0550)	.4392	(.1729)	.1262	(.0497)	2
MAR-1	.7899	(.3110)	53039912	.4081	(.1607)	.1345	(.0529)	.4578	(.1802)	.1361	(.0536)	MAR-1
2	.8232	(.3241)	53039900	.4981	(.1961)	.1286	(.0506)	.5430	(.2138)	.0951	(.0375)	2
APR-1	.8524	(.3356)	54049912	.5008	(.1972)	.1292	(.0509)	.5871	(.2311)	.1373	(.0540)	APR-1
2	.8915	(.3510)	51049912	.6206	(.2443)	.1132	(.0446)	.7303	(.2875)	.0902	(.0355)	2
MAY-1	.9741	(.3835)	50059900	.7061	(.2780)	.1325	(.0522)	.7754	(.3053)	.1203	(.0474)	MAY-1
2	1.0772	(.4241)	53059912	.7437	(.2928)	.1100	(.0433)	.8549	(.3366)	.0812	(.0320)	2
JUN-1	1.1407	(.4491)	50069912	.8255	(.3250)	.1010	(.0398)	.9404	(.3702)	.0955	(.0376)	JUN-1
2	1.1585	(.4561)	53069912	.8234	(.3242)	.1144	(.0450)	.9535	(.3754)	.0827	(.0326)	2
JUL-1	1.1580	(.4559)	52079912	.8629	(.3397)	.1303	(.0513)	.9609	(.3783)	.1073	(.0422)	JUL-1
2	1.1925	(.4695)	49079912	.8722	(.3434)	.1509	(.0594)	.9822	(.3867)	.1073	(.0423)	2
AUG-1	1.2670	(.4988)	49089912	.8696	(.3424)	.1307	(.0515)	.9635	(.3793)	.1012	(.0399)	AUG-1
2	1.2065	(.4750)	51089912	.9086	(.3577)	.1138	(.0448)	.9810	(.3862)	.0885	(.0349)	2
SEP-1	1.1270	(.4437)	49099900	.8682	(.3418)	.1136	(.0447)	.9377	(.3692)	.0751	(.0296)	SEP-1
2	1.2245	(.4821)	49099900	.8634	(.3399)	.1275	(.0502)	.9275	(.3652)	.1057	(.0416)	2
OCT-1	1.1252	(.4430)	50109900	.7778	(.3062)	.1581	(.0623)	.8435	(.3321)	.1304	(.0514)	OCT-1
2	1.0229	(.4027)	53109912	.6574	(.2588)	.1446	(.0569)	.7094	(.2793)	.1490	(.0587)	2
NOV-1	.8415	(.3313)	59119900	.5728	(.2255)	.1273	(.0501)	.6168	(.2428)	.1298	(.0511)	NOV-1
2	.7780	(.3063)	62119912	.5045	(.1986)	.1309	(.0515)	.5510	(.2169)	.1271	(.0500)	2
DEC-1	.6541	(.2575)	49129900	.4108	(.1617)	.0988	(.0389)	.4411	(.1737)	.0964	(.0379)	DEC-1
2	.6703	(.2639)	49129912	.3890	(.1531)	.0961	(.0378)	.4265	(.1679)	.0976	(.0384)	2

MONTGOMERY, ALA. 24 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.0620	(1.5992)	72011012	3.1236	(1.2298)	.6211	(.2445)	3.0739	(1.2102)	.5933	(.2336)	JAN-1
2	4.3536	(1.7140)	54019900	3.2747	(1.2893)	.5867	(.2310)	3.1312	(1.2327)	.5627	(.2215)	2
FEB-1	3.9728	(1.5641)	59029900	3.0534	(1.2021)	.5751	(.2264)	3.0023	(1.1820)	.4344	(.1710)	FEB-1
2	3.9703	(1.5631)	61029912	2.9215	(1.1502)	.6486	(.2553)	3.0012	(1.1816)	.5158	(.2031)	2
MAR-1	4.7368	(1.8649)	64039900	3.5133	(1.3832)	.6364	(.2505)	3.2937	(1.2967)	.4227	(.1664)	MAR-1
2	4.1943	(1.6513)	61039900	3.4305	(1.3506)	.3825	(.1506)	3.3823	(1.3316)	.4430	(.1744)	2
APR-1	4.5268	(1.7822)	53049900	3.4545	(1.3600)	.5397	(.2125)	3.5123	(1.3828)	.4409	(.1736)	APR-1
2	4.5651	(1.7973)	49049912	3.7508	(1.4767)	.4177	(.1644)	3.6808	(1.4491)	.4664	(.1836)	2
MAY-1	4.8694	(1.9171)	57059900	3.8908	(1.5318)	.4934	(.1942)	3.7783	(1.4875)	.4736	(.1864)	MAY-1
2	5.3099	(2.0905)	59059900	4.1708	(1.6421)	.4331	(.1705)	4.1057	(1.6164)	.5179	(.2039)	2
JUN-1	5.7513	(2.2643)	58069912	4.5866	(1.8058)	.4387	(.1727)	4.5757	(1.8015)	.4687	(.1845)	JUN-1
2	5.9101	(2.3268)	58069900	4.9801	(1.9607)	.4593	(.1808)	4.8632	(1.9146)	.3582	(.1410)	2
JUL-1	6.2862	(2.4749)	65071100	5.3411	(2.1028)	.3385	(.1333)	5.0787	(1.9995)	.3295	(.1297)	JUL-1
2	6.0368	(2.3767)	53079912	5.3394	(2.1021)	.3403	(.1340)	5.1761	(2.0378)	.3194	(.1258)	2
AUG-1	6.2776	(2.4715)	52089912	5.3200	(2.0945)	.3660	(.1441)	5.2291	(2.0587)	.4383	(.1725)	AUG-1
2	5.8486	(2.3026)	52089900	5.2624	(2.0718)	.2968	(.1168)	5.2138	(2.0527)	.3138	(.1236)	2
SEP-1	6.3505	(2.5002)	64099900	5.1796	(2.0392)	.4654	(.1832)	4.9992	(1.9682)	.2877	(.1133)	SEP-1
2	5.6449	(2.2224)	65093012	4.8948	(1.9271)	.3946	(.1553)	4.9360	(1.9433)	.3999	(.1574)	2
OCT-1	5.7173	(2.2509)	66101000	4.3976	(1.7313)	.8334	(.3281)	4.1477	(1.6329)	.6994	(.2754)	OCT-1
2	5.5021	(2.1662)	66101600	3.8331	(1.5091)	.7768	(.3058)	3.7595	(1.4801)	.6825	(.2687)	2
NOV-1	4.6048	(1.8129)	71110300	3.5110	(1.3823)	.5736	(.2258)	3.3777	(1.3298)	.5511	(.2170)	NOV-1
2	4.7305	(1.8624)	55119912	3.3675	(1.3258)	.5481	(.2158)	3.6992	(1.4564)	.5997	(.2361)	2
DEC-1	4.2309	(1.6657)	67121500	3.3852	(1.3328)	.6244	(.2458)	3.2976	(1.2983)	.5613	(.2210)	DEC-1
2	4.0726	(1.6034)	67121900	3.3550	(1.3209)	.6434	(.2533)	3.2619	(1.2842)	.5910	(.2327)	2
				SURFACE TO 700MB								
JAN-1	3.3162	(1.3056)	49019912	2.4405	(.9608)	.4334	(.1706)	2.4169	(.9515)	.4992	(.1965)	JAN-1
2	3.2761	(1.2898)	54019900	2.5247	(.9940)	.4485	(.1766)	2.4920	(.9811)	.4014	(.1580)	2
FEB-1	3.2415	(1.2762)	59029900	2.4128	(.9499)	.4104	(.1616)	2.4248	(.9546)	.3657	(.1440)	FEB-1
2	3.2095	(1.2636)	56029900	2.2852	(.8997)	.5592	(.2202)	2.3304	(.9175)	.4528	(.1783)	2
MAR-1	3.4902	(1.3741)	61039900	2.7754	(1.0927)	.4639	(.1826)	2.6769	(1.0539)	.4039	(.1590)	MAR-1
2	3.1730	(1.2492)	54039900	2.7162	(1.0694)	.3076	(.1211)	2.6359	(1.0378)	.3230	(.1272)	2
APR-1	3.6198	(1.4251)	53049900	2.7862	(1.0969)	.3880	(.1528)	2.7518	(1.0834)	.2747	(.1081)	APR-1
2	3.5992	(1.4170)	67042412	2.9828	(1.1743)	.2779	(.1094)	3.0084	(1.1844)	.3182	(.1253)	2
MAY-1	3.9741	(1.5646)	53059900	3.1511	(1.2406)	.3299	(.1299)	3.0528	(1.2019)	.2735	(.1077)	MAY-1
2	3.9131	(1.5406)	59059900	3.2921	(1.2961)	.2972	(.1170)	3.2633	(1.2848)	.2857	(.1125)	2
JUN-1	4.4364	(1.7466)	58069912	3.5860	(1.4118)	.3360	(.1323)	3.6016	(1.4180)	.3408	(.1342)	JUN-1
2	4.6037	(1.8125)	52069912	3.8093	(1.4997)	.2752	(.1083)	3.7890	(1.4917)	.2579	(.1015)	2
JUL-1	4.4069	(1.7350)	53079900	4.0049	(1.5767)	.1797	(.0707)	3.9231	(1.5445)	.2357	(.0928)	JUL-1
2	4.3779	(1.7236)	70072712	4.0552	(1.5965)	.2317	(.0912)	3.9670	(1.5618)	.1879	(.0740)	2
AUG-1	4.8796	(1.9211)	52089912	4.0930	(1.6114)	.2096	(.0825)	4.0313	(1.5871)	.3137	(.1235)	AUG-1
2	4.6134	(1.8163)	52089900	3.9970	(1.5736)	.2199	(.0866)	3.9539	(1.5566)	.2195	(.0864)	2
SEP-1	4.3335	(1.7061)	50099900	3.8903	(1.5316)	.2688	(.1058)	3.7804	(1.4884)	.2093	(.0824)	SEP-1
2	4.2014	(1.6541)	70091712	3.7116	(1.4613)	.2669	(.1051)	3.7332	(1.4697)	.2687	(.1058)	2
OCT-1	4.1275	(1.6250)	66101000	3.3128	(1.3043)	.7692	(.3028)	3.2996	(1.2991)	.4348	(.1712)	OCT-1
2	3.9726	(1.5640)	66101600	2.9692	(1.1690)	.4549	(.1791)	2.9472	(1.1603)	.4291	(.1690)	2
NOV-1	3.5733	(1.4068)	72110312	2.7337	(1.0763)	.4472	(.1761)	2.6725	(1.0521)	.5248	(.2066)	NOV-1
2	3.6200	(1.4252)	55119912	2.7223	(1.0718)	.4457	(.1755)	2.8625	(1.1270)	.4019	(.1582)	2
DEC-1	3.3823	(1.3316)	67121500	2.5856	(1.0180)	.4948	(.1948)	2.5938	(1.0212)	.4525	(.1781)	DEC-1
2	3.3762	(1.3292)	71121600	2.5234	(.9935)	.4833	(.1903)	2.5422	(1.0009)	.4093	(.1611)	2
				SURFACE TO 850MB								
JAN-1	2.0223	(.7962)	49019912	1.5507	(.6105)	.2446	(.0963)	1.5101	(.5945)	.2820	(.1110)	JAN-1
2	1.9667	(.7743)	57019900	1.5358	(.6047)	.3082	(.1214)	1.5291	(.6020)	.3032	(.1194)	2
FEB-1	2.0803	(.8190)	59029900	1.4923	(.5875)	.2590	(.1020)	1.5085	(.5939)	.2238	(.0881)	FEB-1
2	2.0135	(.7927)	56029900	1.4203	(.5592)	.3482	(.1371)	1.4235	(.5604)	.3378	(.1330)	2
MAR-1	2.0871	(.8217)	61039900	1.6706	(.6577)	.2532	(.0997)	1.6386	(.6451)	.2766	(.1089)	MAR-1
2	2.0467	(.8058)	54039900	1.7067	(.6719)	.1884	(.0742)	1.6550	(.6516)	.2114	(.0832)	2
APR-1	2.1176	(.8337)	63049900	1.7472	(.6879)	.2444	(.0962)	1.7710	(.6973)	.2111	(.0831)	APR-1
2	2.2273	(.8769)	49049912	1.8603	(.7324)	.1755	(.0691)	1.9343	(.7615)	.1605	(.0632)	2
MAY-1	2.4069	(.9476)	53059900	1.9950	(.7854)	.1751	(.0689)	1.9612	(.7721)	.1881	(.0740)	MAY-1
2	2.5370	(.9988)	53059912	2.0900	(.8228)	.1964	(.0773)	2.1000	(.8268)	.1707	(.0672)	2
JUN-1	2.7686	(1.0900)	53069912	2.2416	(.8825)	.2104	(.0828)	2.2862	(.9001)	.2149	(.0846)	JUN-1
2	2.8928	(1.1389)	52069912	2.3755	(.9353)	.1483	(.0584)	2.4370	(.9595)	.1797	(.0708)	2
JUL-1	2.7539	(1.0842)	53079912	2.4632	(.9698)	.1180	(.0464)	2.4688	(.9720)	.1203	(.0474)	JUL-1
2	2.8504	(1.1222)	56079900	2.5047	(.9861)	.1317	(.0519)	2.4933	(.9816)	.0903	(.0355)	2
AUG-1	2.9441	(1.1591)	52089912	2.5242	(.9938)	.1267	(.0499)	2.5265	(.9947)	.1788	(.0704)	AUG-1
2	2.7790	(1.0941)	52089900	2.4549	(.9665)	.1277	(.0503)	2.4548	(.9664)	.1225	(.0482)	2
SEP-1	2.6822	(1.0560)	70090512	2.3715	(.9337)	.1735	(.0683)	2.3456	(.9235)	.1360	(.0536)	SEP-1
2	2.6459	(1.0417)	70091712	2.2792	(.8973)	.1479	(.0582)	2.3128	(.9106)	.1626	(.0640)	2
OCT-1	2.4437	(.9621)	66101000	2.1100	(.8307)	.2261	(.0890)	2.0622	(.8119)	.2257	(.0889)	OCT-1
2	2.3914	(.9415)	66101600	1.8505	(.7285)	.2367	(.0932)	1.8393	(.7241)	.2093	(.0824)	2
NOV-1	2.2553	(.8879)	72110312	1.6957	(.6676)	.2727	(.1074)	1.6931	(.6666)	.3073	(.1210)	NOV-1
2	2.2052	(.8682)	57119912	1.6937	(.6668)	.2299	(.0905)	1.7518	(.6897)	.2100	(.0827)	2
DEC-1	2.2789	(.8972)	51129912	1.5597	(.6141)	.3180	(.1252)	1.6020	(.6307)	.3170	(.1248)	DEC-1
2	2.0356	(.8014)	71121612	1.5511	(.6107)	.2878	(.1133)	1.5597	(.6141)	.2806	(.1105)	2

NANTUCKET, MASS. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.5641	(1.4032)	50011415	2.2126	(.8711)	.6541	(.2575)	2.2813	(.8981)	.5788	(.2279)	JAN-1
2	3.2659	(1.2858)	59012212	2.2441	(.8835)	.5818	(.2291)	2.2973	(.9044)	.4677	(.1841)	2
FEB-1	3.4237	(1.3479)	51020203	2.2983	(.9048)	.5745	(.2262)	2.2849	(.8996)	.5883	(.2316)	FEB-1
2	3.0970	(1.2193)	53022115	2.0496	(.8069)	.4822	(.1898)	2.1040	(.8283)	.5763	(.2269)	2
MAR-1	3.4221	(1.3473)	53030415	2.1728	(.8554)	.4448	(.1751)	2.2550	(.8878)	.6080	(.2394)	MAR-1
2	3.5128	(1.3830)	54032603	2.3516	(.9258)	.5263	(.2072)	2.3528	(.9263)	.5435	(.2140)	2
APR-1	4.7831	(1.8831)	47041215	2.6244	(1.0332)	.6082	(.2394)	2.6160	(1.0299)	.7379	(.2905)	APR-1
2	3.9667	(1.5617)	54041715	2.7228	(1.0720)	.4911	(.1934)	2.8762	(1.1324)	.4632	(.1824)	2
MAY-1	4.0833	(1.6076)	64050912	3.2236	(1.2691)	.3700	(.1457)	3.2758	(1.2897)	.4080	(.1606)	MAY-1
2	4.5502	(1.7914)	72052100	3.6761	(1.4473)	.4607	(.1814)	3.5361	(1.3922)	.4050	(.1594)	2
JUN-1	4.5824	(1.8041)	68061312	3.9442	(1.5528)	.3492	(.1375)	3.8432	(1.5131)	.3393	(.1336)	JUN-1
2	5.1478	(2.0267)	52062703	4.1283	(1.6253)	.5747	(.2263)	4.2081	(1.6568)	.4833	(.1903)	2
JUL-1	5.3955	(2.1242)	55071115	4.2706	(1.6813)	.4306	(.1695)	4.2055	(1.6557)	.5986	(.2357)	JUL-1
2	5.3017	(2.0873)	51072303	4.5271	(1.7823)	.4560	(.1795)	4.6229	(1.8200)	.4431	(.1744)	2
AUG-1	5.9868	(2.3570)	51081303	4.4906	(1.7680)	.6519	(.2566)	4.3960	(1.7307)	.4101	(.1614)	AUG-1
2	5.3246	(2.0963)	66082400	4.5146	(1.7774)	.4295	(.1691)	4.5210	(1.7799)	.4583	(.1804)	2
SEP-1	5.7511	(2.2642)	47091503	4.4321	(1.7449)	.4350	(.1713)	4.4077	(1.7353)	.4636	(.1825)	SEP-1
2	5.1813	(2.0399)	67093000	4.1413	(1.6304)	.5205	(.2049)	3.9158	(1.5417)	.5904	(.2324)	2
OCT-1	5.1234	(2.0171)	51100415	3.5924	(1.4143)	.6463	(.2544)	3.5558	(1.3999)	.7960	(.3134)	OCT-1
2	4.7800	(1.8819)	68102000	3.2671	(1.2863)	.6446	(.2538)	3.2974	(1.2982)	.5174	(.2037)	2
NOV-1	4.6165	(1.8175)	48111103	2.9813	(1.1737)	.7209	(.2838)	2.9440	(1.1591)	.6862	(.2702)	NOV-1
2	4.1608	(1.6381)	48112003	2.7858	(1.0968)	.6136	(.2416)	2.8008	(1.1027)	.4629	(.1822)	2
DEC-1	4.0401	(1.5906)	67121212	2.6730	(1.0524)	.5174	(.2037)	2.7047	(1.0648)	.5683	(.2237)	DEC-1
2	3.8806	(1.5278)	64122700	2.3577	(.9282)	.5372	(.2115)	2.3549	(.9271)	.5026	(.1979)	2
				SURFACE TO 700MB								
JAN-1	2.5502	(1.0040)	50010703	1.6809	(.6618)	.4993	(.1966)	1.7171	(.6760)	.4301	(.1693)	JAN-1
2	2.3658	(.9314)	59012212	1.7431	(.6863)	.4261	(.1677)	1.7715	(.6974)	.3827	(.1507)	2
FEB-1	2.5382	(.9993)	51020203	1.7659	(.6952)	.4276	(.1684)	1.7257	(.6794)	.4541	(.1788)	FEB-1
2	2.4653	(.9706)	61022600	1.5588	(.6137)	.4124	(.1623)	1.5882	(.6253)	.3981	(.1567)	2
MAR-1	2.4783	(.9757)	66030600	1.6974	(.6683)	.3617	(.1424)	1.6561	(.6520)	.4343	(.1710)	MAR-1
2	2.6266	(1.0341)	52032403	1.8716	(.7369)	.3974	(.1565)	1.8516	(.7290)	.3620	(.1425)	2
APR-1	3.6563	(1.4395)	47041215	2.0451	(.8052)	.4373	(.1722)	2.0559	(.8094)	.5357	(.2109)	APR-1
2	2.9515	(1.1620)	54041715	2.1300	(.8386)	.3631	(.1430)	2.1858	(.8605)	.3339	(.1315)	2
MAY-1	3.1552	(1.2422)	50050615	2.4677	(.9715)	.2185	(.0860)	2.5194	(.9919)	.3004	(.1183)	MAY-1
2	3.3221	(1.3079)	59052100	2.8253	(1.1123)	.2595	(.1021)	2.7304	(1.0750)	.2279	(.0897)	2
JUN-1	3.6827	(1.4499)	64061100	3.0147	(1.1869)	.2980	(.1173)	2.9338	(1.1550)	.2469	(.0972)	JUN-1
2	4.2443	(1.6710)	52062703	3.2605	(1.2837)	.3924	(.1545)	3.2478	(1.2787)	.3239	(.1275)	2
JUL-1	4.0683	(1.6017)	59070212	3.3027	(1.3003)	.2658	(.1046)	3.2883	(1.2946)	.3843	(.1513)	JUL-1
2	3.9779	(1.5661)	49072215	3.4821	(1.3709)	.2694	(.1061)	3.4836	(1.3715)	.3155	(.1242)	2
AUG-1	4.3185	(1.7002)	51081303	3.4494	(1.3580)	.4172	(.1642)	3.3661	(1.3252)	.2843	(.1119)	AUG-1
2	4.1163	(1.6206)	66082400	3.5052	(1.3800)	.2635	(.1038)	3.4803	(1.3702)	.3275	(.1289)	2
SEP-1	4.1714	(1.6423)	47091503	3.3872	(1.3336)	.3284	(.1293)	3.3395	(1.3148)	.3503	(.1379)	SEP-1
2	3.9185	(1.5427)	67093000	3.2291	(1.2713)	.3311	(.1303)	3.0579	(1.2039)	.3366	(.1325)	2
OCT-1	4.0815	(1.6069)	51100515	2.7846	(1.0963)	.4166	(.1640)	2.7493	(1.0824)	.5596	(.2203)	OCT-1
2	3.4148	(1.3444)	71102600	2.5980	(1.0228)	.4419	(.1740)	2.5550	(1.0059)	.3143	(.1237)	2
NOV-1	3.4902	(1.3741)	48111103	2.2901	(.9016)	.5527	(.2176)	2.2922	(.9024)	.5269	(.2074)	NOV-1
2	2.9718	(1.1700)	48112003	2.1783	(.8576)	.4817	(.1896)	2.1532	(.8477)	.3903	(.1537)	2
DEC-1	2.9665	(1.1679)	67121212	2.0168	(.7940)	.3664	(.1442)	2.0441	(.8048)	.3734	(.1470)	DEC-1
2	3.0688	(1.2082)	64122700	1.8033	(.7100)	.4107	(.1617)	1.8372	(.7233)	.4075	(.1604)	2
				SURFACE TO 850MB								
JAN-1	1.5410	(.6067)	50010703	1.0000	(.3937)	.2873	(.1131)	1.0221	(.4024)	.2519	(.0992)	JAN-1
2	1.4839	(.5842)	49011915	1.0214	(.4021)	.2587	(.1018)	1.0416	(.4101)	.2695	(.1061)	2
FEB-1	1.4966	(.5892)	51020203	1.0381	(.4087)	.2041	(.0804)	1.0177	(.4006)	.2582	(.1016)	FEB-1
2	1.4491	(.5705)	61022600	.9080	(.3575)	.2486	(.0979)	.8969	(.3531)	.2344	(.0923)	2
MAR-1	1.4722	(.5796)	72030300	.9712	(.3824)	.2398	(.0944)	.9560	(.3764)	.2645	(.1041)	MAR-1
2	1.5423	(.6072)	49032715	1.1189	(.4405)	.2660	(.1047)	1.0889	(.4287)	.2459	(.0968)	2
APR-1	2.1478	(.8456)	47041215	1.2401	(.4882)	.2680	(.1055)	1.2089	(.4759)	.3427	(.1349)	APR-1
2	1.7534	(.6903)	62043000	1.2824	(.5049)	.2656	(.1046)	1.3152	(.5178)	.2239	(.0881)	2
MAY-1	2.0107	(.7916)	50050615	1.4899	(.5866)	.1852	(.0729)	1.5260	(.6008)	.2033	(.0800)	MAY-1
2	2.1003	(.8269)	59052100	1.7360	(.6835)	.1553	(.0611)	1.6736	(.6589)	.1478	(.0582)	2
JUN-1	2.2398	(.8818)	64061100	1.8689	(.7358)	.1835	(.0723)	1.8453	(.7265)	.1678	(.0660)	JUN-1
2	2.3668	(.9318)	52062703	2.0093	(.7910)	.2290	(.0901)	2.0031	(.7886)	.1936	(.0762)	2
JUL-1	2.5715	(1.0124)	59070212	2.0893	(.8226)	.1369	(.0539)	2.0778	(.8180)	.2094	(.0825)	JUL-1
2	2.5375	(.9990)	56072215	2.1958	(.8645)	.1520	(.0598)	2.1771	(.8571)	.2005	(.0790)	2
AUG-1	2.6256	(1.0337)	55080603	2.1794	(.8580)	.2535	(.0998)	2.1643	(.8521)	.1778	(.0700)	AUG-1
2	2.6413	(1.0399)	47081615	2.2189	(.8736)	.1487	(.0585)	2.2030	(.8673)	.1982	(.0780)	2
SEP-1	2.6596	(1.0471)	59090412	2.1243	(.8363)	.1929	(.0759)	2.0890	(.8224)	.2143	(.0844)	SEP-1
2	2.3020	(.9063)	67093000	2.0204	(.7954)	.1890	(.0744)	1.9395	(.7636)	.2128	(.0838)	2
OCT-1	2.4602	(.9686)	49101115	1.7492	(.6887)	.2275	(.0896)	1.7251	(.6792)	.3278	(.1291)	OCT-1
2	2.0914	(.8234)	54101603	1.6259	(.6401)	.2406	(.0947)	1.5799	(.6220)	.2022	(.0796)	2
NOV-1	2.0343	(.8009)	48111103	1.4028	(.5523)	.3418	(.1346)	1.4260	(.5614)	.3031	(.1193)	NOV-1
2	1.7536	(.6904)	53112303	1.3467	(.5302)	.2947	(.1160)	1.3101	(.5158)	.2532	(.0997)	2
DEC-1	1.7366	(.6837)	67121212	1.2266	(.4829)	.2289	(.0901)	1.2057	(.4747)	.2346	(.0924)	DEC-1
2	1.9848	(.7814)	64122700	1.0802	(.4253)	.2884	(.1135)	1.0894	(.4289)	.2708	(.1066)	2

NASHVILLE, TENN. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.5207	(1.3861)	66010212	2.5727	(1.0129)	.5773	(.2273)	2.5683	(1.0112)	.6020	(.2370)	JAN-1
2	3.4907	(1.3743)	50019912	2.4435	(.9620)	.7405	(.2915)	2.5216	(.9928)	.5423	(.2135)	2
FEB-1	3.6421	(1.4339)	59029900	2.4214	(.9533)	.5975	(.2352)	2.5594	(1.0076)	.5475	(.2155)	FEB-1
2	3.6452	(1.4351)	53029900	2.3732	(.9343)	.7083	(.2789)	2.2770	(.8964)	.5632	(.2217)	2
MAR-1	3.8491	(1.5154)	64039900	2.7140	(1.0685)	.5928	(.2334)	2.5626	(1.0089)	.5358	(.2110)	MAR-1
2	3.5524	(1.3986)	49039900	2.7532	(1.0840)	.4086	(.1609)	2.7319	(1.0755)	.4970	(.1957)	2
APR-1	4.1816	(1.6463)	46049912	3.0053	(1.1832)	.4931	(.1941)	2.9424	(1.1584)	.5291	(.2083)	APR-1
2	3.9289	(1.5468)	66043012	3.3726	(1.3278)	.3102	(.1221)	3.2403	(1.2757)	.3539	(.1393)	2
MAY-1	4.2090	(1.6571)	67051312	3.4302	(1.3505)	.3884	(.1529)	3.4727	(1.3672)	.3343	(.1316)	MAY-1
2	4.5479	(1.7905)	46059912	3.6754	(1.4470)	.4085	(.1608)	3.8263	(1.5064)	.3545	(.1396)	2
JUN-1	4.7531	(1.8713)	57069900	4.0970	(1.6130)	.4176	(.1644)	4.1749	(1.6437)	.4129	(.1625)	JUN-1
2	5.6225	(2.2136)	53069900	4.5111	(1.7760)	.4816	(.1896)	4.5696	(1.7990)	.4454	(.1754)	2
JUL-1	5.3106	(2.0908)	46079912	4.7142	(1.8560)	.3802	(.1497)	4.6315	(1.8234)	.3823	(.1505)	JUL-1
2	5.4308	(2.1381)	55079900	4.9460	(1.9473)	.2893	(.1139)	4.8119	(1.8944)	.3152	(.1241)	2
AUG-1	5.7821	(2.2764)	56089912	4.9096	(1.9329)	.4235	(.1667)	4.8891	(1.9249)	.4627	(.1822)	AUG-1
2	5.6131	(2.2099)	69081912	4.6487	(1.8302)	.3575	(.1407)	4.7650	(1.8760)	.3371	(.1327)	2
SEP-1	5.1112	(2.0123)	66090412	4.4217	(1.7408)	.5310	(.2091)	4.4436	(1.7495)	.4918	(.1936)	SEP-1
2	5.1084	(2.0112)	57099900	4.2149	(1.6594)	.4912	(.1934)	4.1941	(1.6512)	.4474	(.1761)	2
OCT-1	4.9205	(1.9372)	65100100	3.7010	(1.4571)	.6023	(.2371)	3.6546	(1.4388)	.6238	(.2456)	OCT-1
2	4.1778	(1.6448)	72103112	3.2291	(1.2713)	.5812	(.2288)	3.2087	(1.2633)	.6427	(.2530)	2
NOV-1	4.1725	(1.6427)	66111012	2.7986	(1.1018)	.6383	(.2513)	2.8800	(1.1339)	.6210	(.2445)	NOV-1
2	4.0284	(1.5860)	64119900	3.0395	(1.1967)	.4548	(.1791)	2.9669	(1.1681)	.4924	(.1939)	2
DEC-1	3.9322	(1.5481)	48129900	2.7969	(1.1012)	.6322	(.2489)	2.8071	(1.1052)	.5011	(.1973)	DEC-1
2	4.0389	(1.5901)	67122200	2.6995	(1.0628)	.6689	(.2634)	2.5696	(1.0117)	.6175	(.2431)	2
				SURFACE TO 700MB								
JAN-1	2.6368	(1.0381)	66010212	1.9272	(.7587)	.4247	(.1672)	1.9676	(.7746)	.4892	(.1926)	JAN-1
2	2.8331	(1.1154)	57019900	1.8838	(.7417)	.5576	(.2195)	1.9477	(.7668)	.4423	(.1741)	2
FEB-1	2.6708	(1.0515)	59029900	1.9135	(.7533)	.3916	(.1542)	1.9347	(.7617)	.4025	(.1585)	FEB-1
2	2.7239	(1.0724)	53029900	1.7585	(.6923)	.5272	(.2076)	1.7506	(.6892)	.4460	(.1756)	2
MAR-1	2.7582	(1.0859)	67031200	2.0526	(.8081)	.4301	(.1693)	2.0153	(.7934)	.3931	(.1548)	MAR-1
2	2.8981	(1.1410)	48039912	2.0898	(.8227)	.3593	(.1415)	2.1428	(.8436)	.3817	(.1503)	2
APR-1	3.1481	(1.2394)	46049912	2.3454	(.9234)	.3760	(.1480)	2.2845	(.8994)	.4400	(.1732)	APR-1
2	3.1646	(1.2459)	58049912	2.5878	(1.0188)	.2063	(.0812)	2.5281	(.9953)	.2566	(.1010)	2
MAY-1	3.6906	(1.4530)	47059912	2.7697	(1.0905)	.2753	(.1084)	2.6796	(1.0550)	.3353	(.2107)	MAY-1
2	3.6104	(1.4214)	53059900	2.9206	(1.1498)	.3045	(.1199)	2.9034	(1.1431)	.2203	(.0867)	2
JUN-1	3.7887	(1.4916)	52069900	3.1778	(1.2511)	.2996	(.1179)	3.2193	(1.2674)	.2989	(.1177)	JUN-1
2	4.1940	(1.6512)	52069900	3.5000	(1.3779)	.3751	(.1477)	3.4352	(1.3524)	.2815	(.1108)	2
JUL-1	4.1798	(1.6456)	69070600	3.5963	(1.4159)	.2698	(.1062)	3.5537	(1.3991)	.2269	(.0893)	JUL-1
2	4.2017	(1.6542)	69072400	3.7480	(1.4756)	.2510	(.0988)	3.6867	(1.4515)	.2259	(.0889)	2
AUG-1	4.3779	(1.7236)	56089912	3.6995	(1.4565)	.2538	(.0999)	3.6869	(1.4515)	.2986	(.1176)	AUG-1
2	4.0635	(1.5998)	51089900	3.5834	(1.4108)	.2646	(.1042)	3.5276	(1.3888)	.2403	(.0946)	2
SEP-1	3.8748	(1.5255)	47099900	3.3954	(1.3368)	.2803	(.1104)	3.3620	(1.3236)	.2846	(.1120)	SEP-1
2	3.8283	(1.5072)	70092012	3.2070	(1.2626)	.2941	(.1158)	3.2109	(1.2641)	.2989	(.1177)	2
OCT-1	3.6076	(1.4203)	54109912	2.8355	(1.1163)	.4525	(.1781)	2.8327	(1.1152)	.4043	(.1592)	OCT-1
2	2.9761	(1.1717)	62109900	2.4643	(.9702)	.4051	(.1595)	2.4725	(.9734)	.4270	(.1681)	2
NOV-1	2.9903	(1.1773)	72110100	2.1685	(.8537)	.4861	(.1914)	2.2026	(.8672)	.4634	(.1824)	NOV-1
2	3.2088	(1.2633)	58119912	2.2745	(.8955)	.3232	(.1272)	2.2683	(.8930)	.3571	(.1406)	2
DEC-1	2.8423	(1.1190)	48129900	2.0980	(.8260)	.4321	(.1701)	2.0873	(.8218)	.4097	(.1613)	DEC-1
2	2.8151	(1.1083)	67122200	2.0041	(.7890)	.4697	(.1849)	1.9326	(.7609)	.4216	(.1660)	2
				SURFACE TO 850MB								
JAN-1	1.5593	(.6139)	52019912	1.1019	(.4338)	.2672	(.1052)	1.1334	(.4462)	.3132	(.1233)	JAN-1
2	1.6358	(.6440)	57019900	1.0801	(.4252)	.3309	(.1303)	1.1117	(.4377)	.2940	(.1157)	2
FEB-1	1.5413	(.6068)	59029900	1.1061	(.4355)	.2272	(.0894)	1.0978	(.4322)	.2427	(.0956)	FEB-1
2	1.4991	(.5902)	56029900	.9842	(.3875)	.3149	(.1240)	.9827	(.3869)	.2809	(.1106)	2
MAR-1	1.6299	(.6417)	67031200	1.1753	(.4627)	.2788	(.1098)	1.1672	(.4595)	.2789	(.1098)	MAR-1
2	1.7099	(.6732)	48039912	1.2135	(.4777)	.2475	(.0975)	1.2400	(.4882)	.2319	(.0913)	2
APR-1	1.7879	(.7039)	46049912	1.3465	(.5301)	.2246	(.0884)	1.3552	(.5335)	.2297	(.0904)	APR-1
2	1.8692	(.7359)	58049912	1.5210	(.5988)	.1301	(.0512)	1.5381	(.6055)	.1778	(.0700)	2
MAY-1	2.0604	(.8112)	47059912	1.6697	(.6574)	.1816	(.0715)	1.6564	(.6521)	.1902	(.0749)	MAY-1
2	2.3226	(.9144)	53059900	1.7719	(.6976)	.1928	(.0759)	1.7256	(.6794)	.1550	(.0610)	2
JUN-1	2.3637	(.9306)	52069900	1.9562	(.7702)	.1797	(.0708)	1.9501	(.7677)	.1684	(.0663)	JUN-1
2	2.4783	(.9757)	52069900	2.1086	(.8302)	.2359	(.0929)	2.0478	(.8062)	.1753	(.0690)	2
JUL-1	2.4750	(.9744)	69070900	2.1428	(.8436)	.1596	(.0628)	2.1205	(.8349)	.1249	(.0492)	JUL-1
2	2.4686	(.9719)	48079900	2.2191	(.8737)	.1236	(.0487)	2.2186	(.8734)	.1167	(.0460)	2
AUG-1	2.4948	(.9822)	56089912	2.1930	(.8634)	.1667	(.0656)	2.1926	(.8632)	.1416	(.0557)	AUG-1
2	2.4331	(.9579)	51089900	2.1485	(.8459)	.1655	(.0651)	2.1175	(.8336)	.1382	(.0544)	2
SEP-1	2.3292	(.9170)	61099900	2.0286	(.7986)	.1713	(.0674)	2.0022	(.7883)	.1645	(.0648)	SEP-1
2	2.3500	(.9252)	72091912	1.8922	(.7450)	.1696	(.0668)	1.9081	(.7512)	.2102	(.0828)	2
OCT-1	2.2377	(.8810)	54109912	1.6986	(.6688)	.2650	(.1043)	1.6752	(.6595)	.2612	(.1028)	OCT-1
2	1.9467	(.7664)	69102012	1.4621	(.5756)	.2372	(.0934)	1.4763	(.5812)	.2477	(.0975)	2
NOV-1	1.8395	(.7242)	55119900	1.2961	(.5103)	.2844	(.1120)	1.2840	(.5055)	.2920	(.1150)	NOV-1
2	1.8943	(.7458)	58119912	1.3247	(.5216)	.2028	(.0799)	1.2733	(.5013)	.2254	(.0887)	2
DEC-1	1.6261	(.6402)	51129912	1.1948	(.4704)	.2626	(.1034)	1.1855	(.4668)	.2589	(.1019)	DEC-1
2	1.6007	(.6302)	46129900	1.1427	(.4499)	.2616	(.1030)	1.1412	(.4493)	.2274	(.0895)	2

NEW YORK CITY, N.Y. 16 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.2634	(1.2848)	71010512	2.0839	(.8204)	.5412	(.2131)	2.1848	(.8602)	.5084	(.2002)	JAN-1
2	3.6772	(1.4477)	59012200	2.1792	(.8580)	.6724	(.2647)	2.2456	(.8841)	.6037	(.2377)	2
FEB-1	3.1813	(1.2525)	59021012	1.9840	(.7811)	.5283	(.2080)	2.1623	(.8513)	.4834	(.1903)	FEB-1
2	3.1120	(1.2252)	71022712	1.9524	(.7687)	.6179	(.2433)	1.8793	(.7399)	.6658	(.2621)	2
MAR-1	3.3713	(1.3273)	64031012	1.9890	(.7831)	.6616	(.2605)	2.1806	(.8585)	.7037	(.2771)	MAR-1
2	3.2746	(1.2892)	71031600	2.3747	(.9349)	.4403	(.1733)	2.3021	(.9063)	.4285	(.1687)	2
APR-1	3.6965	(1.4553)	69040600	2.5967	(1.0223)	.7252	(.2855)	2.7781	(1.0937)	.5697	(.2243)	APR-1
2	3.5857	(1.4117)	66042500	2.9653	(1.1674)	.4758	(.1873)	2.8244	(1.1120)	.5438	(.2141)	2
MAY-1	4.1044	(1.6159)	69050912	3.3702	(1.3269)	.3066	(.1207)	3.4415	(1.3549)	.3826	(.1506)	MAY-1
2	4.3678	(1.7196)	57052403	3.7571	(1.4792)	.4288	(.1688)	3.5616	(1.4022)	.4723	(.1859)	2
JUN-1	4.6538	(1.8322)	69060212	4.1274	(1.6250)	.3797	(.1495)	4.0199	(1.5826)	.4084	(.1608)	JUN-1
2	5.3081	(2.0898)	67062312	4.4955	(1.7699)	.4055	(.1597)	4.2647	(1.6790)	.4699	(.1850)	2
JUL-1	5.6088	(2.2082)	67070312	4.3657	(1.7188)	.5006	(.1971)	4.4227	(1.7412)	.5516	(.2171)	JUL-1
2	5.7490	(2.2634)	72072100	4.7291	(1.8618)	.5809	(.2287)	4.7364	(1.8647)	.4062	(.1599)	2
AUG-1	5.5463	(2.1836)	68080200	4.7620	(1.8748)	.3729	(.1468)	4.6045	(1.8128)	.3682	(.1449)	AUG-1
2	5.4884	(2.1608)	68081700	4.6934	(1.8478)	.4686	(.1845)	4.6431	(1.8280)	.3864	(.1521)	2
SEP-1	5.5717	(2.1936)	59090100	4.5102	(1.7757)	.4814	(.1895)	4.4354	(1.7462)	.4689	(.1846)	SEP-1
2	5.0983	(2.0072)	57091700	4.0800	(1.6063)	.5496	(.2164)	4.0888	(1.6098)	.6094	(.2399)	2
OCT-1	4.9007	(1.9294)	59100912	3.4686	(1.3656)	.5784	(.2277)	3.5603	(1.4017)	.6610	(.2602)	OCT-1
2	4.2791	(1.6847)	68102000	3.3536	(1.3203)	.5499	(.2165)	3.3709	(1.3271)	.6280	(.2472)	2
NOV-1	4.1222	(1.6229)	71110200	2.9113	(1.1462)	.6598	(.2598)	3.0667	(1.2074)	.6159	(.2425)	NOV-1
2	3.5156	(1.3841)	57111900	2.8847	(1.1357)	.5742	(.2261)	2.6695	(1.0510)	.4589	(.1807)	2
DEC-1	4.1176	(1.6211)	67121212	2.4122	(.9497)	.6428	(.2531)	2.5388	(.9995)	.6821	(.2686)	DEC-1
2	3.4064	(1.3411)	67122212	2.3451	(.9233)	.6313	(.2485)	2.4110	(.9492)	.6375	(.2510)	2
				SURFACE TO 700MB								
JAN-1	2.7988	(1.1019)	71010512	1.5601	(.6142)	.4510	(.1776)	1.6116	(.6345)	.4857	(.1912)	JAN-1
2	2.6081	(1.0268)	59012200	1.6382	(.6450)	.4927	(.1940)	1.6948	(.6673)	.3974	(.1565)	2
FEB-1	2.3566	(.9278)	60021112	1.4849	(.5846)	.3911	(.1540)	1.6098	(.6338)	.3315	(.1305)	FEB-1
2	2.3503	(.9253)	71022712	1.4287	(.5625)	.4595	(.1809)	1.4291	(.5626)	.4805	(.1892)	2
MAR-1	2.3416	(.9219)	64031012	1.4969	(.5893)	.4936	(.1943)	1.6061	(.6323)	.5238	(.2062)	MAR-1
2	2.4582	(.9678)	71031600	1.8339	(.7220)	.3823	(.1505)	1.7219	(.6779)	.3540	(.1394)	2
APR-1	2.8387	(1.1176)	57040603	2.0505	(.8073)	.5694	(.2242)	2.0522	(.8079)	.4300	(.1693)	APR-1
2	2.9416	(1.1581)	61042600	2.2794	(.8974)	.3788	(.1491)	2.1254	(.8368)	.4348	(.1712)	2
MAY-1	2.9329	(1.1547)	61051300	2.5166	(.9908)	.1928	(.0759)	2.6072	(1.0264)	.2023	(.0797)	MAY-1
2	3.6439	(1.4346)	57052403	2.8308	(1.1145)	.3561	(.1402)	2.6885	(1.0584)	.3840	(.1512)	2
JUN-1	3.4729	(1.3673)	58061400	3.1240	(1.2299)	.1986	(.0782)	3.1035	(1.2218)	.2743	(.1080)	JUN-1
2	4.4077	(1.7353)	59063000	3.4288	(1.3499)	.3095	(.1219)	3.3198	(1.3070)	.2755	(.1085)	2
JUL-1	4.1001	(1.6142)	67070312	3.3951	(1.3366)	.3373	(.1328)	3.3698	(1.3267)	.3311	(.1303)	JUL-1
2	4.2962	(1.6914)	72072100	3.6489	(1.4366)	.2981	(.1174)	3.6283	(1.4284)	.3077	(.1211)	2
AUG-1	3.9959	(1.5732)	70080200	3.6105	(1.4215)	.2706	(.1065)	3.5290	(1.3894)	.2269	(.0893)	AUG-1
2	4.0940	(1.6118)	66082312	3.5859	(1.4118)	.2425	(.0955)	3.6141	(1.4229)	.2959	(.1165)	2
SEP-1	4.0833	(1.6076)	59090312	3.4948	(1.3759)	.3168	(.1247)	3.4406	(1.3546)	.3354	(.1320)	SEP-1
2	3.9197	(1.5432)	58092700	3.2083	(1.2631)	.3759	(.1480)	3.1097	(1.2243)	.4299	(.1693)	2
OCT-1	3.8179	(1.5031)	59101000	2.8200	(1.1102)	.4566	(.1798)	2.7320	(1.0756)	.4099	(.1614)	OCT-1
2	3.1605	(1.2443)	71102612	2.5876	(1.0187)	.3289	(.1295)	2.5884	(1.0191)	.4695	(.1849)	2
NOV-1	3.2796	(1.2912)	56110103	2.3201	(.9134)	.5427	(.2137)	2.4516	(.9652)	.4349	(.1712)	NOV-1
2	2.7765	(1.0931)	56112203	2.1658	(.8527)	.4579	(.1803)	2.0581	(.8103)	.2921	(.1150)	2
DEC-1	2.9924	(1.1781)	67121212	1.8663	(.7348)	.4316	(.1699)	1.9075	(.7510)	.5257	(.2070)	DEC-1
2	2.4668	(.9712)	67122212	1.7290	(.6807)	.4713	(.1855)	1.8250	(.7185)	.4397	(.1731)	2
				SURFACE TO 850MB								
JAN-1	1.5723	(.6190)	71010512	.9211	(.3626)	.2822	(.1111)	.9323	(.3670)	.2902	(.1143)	JAN-1
2	1.4732	(.5800)	57012303	.9278	(.3653)	.3052	(.1202)	.9555	(.3762)	.2630	(.1036)	2
FEB-1	1.3114	(.5163)	60021112	.9165	(.3608)	.2086	(.0821)	.8942	(.3521)	.2119	(.0834)	FEB-1
2	1.3035	(.5132)	61021900	.7739	(.3047)	.2809	(.1106)	.8027	(.3160)	.2515	(.0990)	2
MAR-1	1.4755	(.5809)	64030512	.8627	(.3397)	.3153	(.1241)	.9223	(.3631)	.3155	(.1242)	MAR-1
2	1.5400	(.6063)	66032500	1.0904	(.4293)	.2237	(.0881)	.9923	(.3907)	.2414	(.0951)	2
APR-1	1.6632	(.6548)	69040600	1.2125	(.4773)	.3432	(.1351)	1.1410	(.4492)	.2908	(.1145)	APR-1
2	1.7257	(.6794)	57042615	1.3415	(.5281)	.2222	(.0875)	1.2723	(.5009)	.2535	(.0998)	2
MAY-1	1.8456	(.7266)	61051300	1.4765	(.5813)	.1538	(.0606)	1.5809	(.6224)	.1244	(.0490)	MAY-1
2	2.2365	(.8805)	57052403	1.7387	(.6845)	.2427	(.0956)	1.6756	(.6597)	.2645	(.1041)	2
JUN-1	2.1684	(.8537)	66061012	1.9436	(.7652)	.1036	(.0408)	1.9773	(.7785)	.1338	(.0527)	JUN-1
2	2.6914	(1.0596)	59063000	2.1526	(.8475)	.1899	(.0747)	2.0858	(.8212)	.1935	(.0762)	2
JUL-1	2.5913	(1.0202)	72071512	2.1148	(.8326)	.1730	(.0681)	2.1540	(.8480)	.1889	(.0744)	JUL-1
2	2.8148	(1.1082)	72071912	2.2964	(.9041)	.2078	(.0818)	2.2920	(.9023)	.2120	(.0835)	2
AUG-1	2.5893	(1.0194)	71080200	2.2634	(.8911)	.1849	(.0728)	2.2378	(.8810)	.1120	(.0441)	AUG-1
2	2.5847	(1.0176)	68082500	2.3086	(.9089)	.1836	(.0723)	2.2604	(.8899)	.2165	(.0852)	2
SEP-1	2.5570	(1.0067)	59091000	2.1981	(.8654)	.1755	(.0691)	2.1382	(.8418)	.2256	(.0888)	SEP-1
2	2.4397	(.9605)	58092700	2.0352	(.8013)	.2394	(.0943)	1.9523	(.7686)	.2884	(.1135)	2
OCT-1	2.3371	(.9201)	59101000	1.7501	(.6890)	.2706	(.1065)	1.6908	(.6657)	.2701	(.1063)	OCT-1
2	2.1544	(.8482)	68101912	1.5897	(.6259)	.2161	(.0851)	1.6161	(.6363)	.2899	(.1141)	2
NOV-1	2.0919	(.8236)	56110103	1.4088	(.5546)	.3366	(.1325)	1.4816	(.5833)	.2954	(.1163)	NOV-1
2	1.6551	(.6516)	57111912	1.2139	(.4779)	.2972	(.1170)	1.2628	(.4972)	.1631	(.0642)	2
DEC-1	1.6596	(.6534)	67121212	1.0861	(.4276)	.2484	(.0978)	1.1364	(.4474)	.2905	(.1144)	DEC-1
2	1.4966	(.5892)	67122212	.9745	(.3837)	.3161	(.1244)	1.0365	(.4081)	.2899	(.1141)	2

NORTH PLATTE, NEBR. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.5832	(.6233)	55010415	1.0279	(.4047)	.1856	(.0731)	1.0664	(.4198)	.2156	(.0849)	JAN-1
2	1.5296	(.6022)	68012412	1.0974	(.4320)	.2078	(.0818)	1.0822	(.4261)	.2019	(.0795)	2
FEB-1	1.5740	(.6197)	53020915	1.1289	(.4444)	.2319	(.0913)	1.1281	(.4441)	.2214	(.0872)	FEB-1
2	1.7478	(.6881)	71021900	1.1433	(.4501)	.2771	(.1091)	1.1140	(.4386)	.2564	(.1010)	2
MAR-1	1.6863	(.6639)	46031515	1.1032	(.4343)	.2080	(.0819)	1.1198	(.4409)	.2108	(.0830)	MAR-1
2	1.7193	(.6769)	49032103	1.3170	(.5185)	.2313	(.0911)	1.3145	(.5175)	.2081	(.0819)	2
APR-1	2.2601	(.8898)	67040200	1.5993	(.6296)	.2633	(.1037)	1.5159	(.5968)	.2870	(.1130)	APR-1
2	2.7488	(1.0822)	71042000	1.9440	(.7654)	.3726	(.1467)	1.9023	(.7489)	.2819	(.1110)	2
MAY-1	3.3056	(1.3014)	51051503	2.2712	(.8942)	.4054	(.1596)	2.1883	(.8615)	.3238	(.1275)	MAY-1
2	3.2753	(1.2895)	53052815	2.5708	(1.0121)	.3272	(.1288)	2.5713	(1.0123)	.3319	(.1307)	2
JUN-1	4.2705	(1.6813)	53061503	3.0480	(1.2000)	.3962	(.1560)	2.9096	(1.1455)	.3091	(.1217)	JUN-1
2	3.8486	(1.5152)	56062103	3.2005	(1.2600)	.3196	(.1258)	3.1463	(1.2387)	.2292	(.0902)	2
JUL-1	4.5944	(1.8088)	64071100	3.5085	(1.3813)	.4377	(.1723)	3.4495	(1.3581)	.2923	(.1151)	JUL-1
2	4.7300	(1.8622)	53072703	3.7623	(1.4812)	.4274	(.1683)	3.6976	(1.4558)	.4343	(.1710)	2
AUG-1	4.3543	(1.7143)	57080300	3.7076	(1.4597)	.4548	(.1791)	3.5956	(1.4156)	.4158	(.1637)	AUG-1
2	4.1930	(1.6508)	49081703	3.4149	(1.3445)	.4608	(.1814)	3.4131	(1.3437)	.3586	(.1412)	2
SEP-1	4.4003	(1.7324)	58091400	3.0554	(1.2029)	.6016	(.2369)	3.0399	(1.1968)	.4279	(.1685)	SEP-1
2	3.8537	(1.5172)	46091815	2.5866	(1.0183)	.3694	(.1454)	2.5880	(1.0189)	.4683	(.1844)	2
OCT-1	3.1570	(1.2429)	62100600	2.1190	(.8342)	.4435	(.1746)	2.2068	(.8688)	.4201	(.1654)	OCT-1
2	3.0871	(1.2154)	63102012	1.8498	(.7282)	.3742	(.1473)	1.8821	(.7410)	.4302	(.1694)	2
NOV-1	2.0577	(.8101)	61110200	1.4106	(.5553)	.2213	(.0871)	1.4258	(.5613)	.2109	(.0830)	NOV-1
2	1.6518	(.6503)	63112200	1.2731	(.5012)	.1777	(.0699)	1.2586	(.4955)	.1344	(.0529)	2
DEC-1	2.0516	(.8077)	65121100	1.2186	(.4798)	.3034	(.1195)	1.1574	(.4557)	.2594	(.1021)	DEC-1
2	1.8512	(.7288)	46122715	1.2389	(.4877)	.2607	(.1026)	1.2076	(.4754)	.2095	(.0825)	2
				SURFACE TO 700MB								
JAN-1	1.1112	(.4375)	55010415	.6567	(.2585)	.1053	(.0415)	.6988	(.2751)	.1420	(.0559)	JAN-1
2	.9357	(.3684)	52012603	.6857	(.2700)	.1272	(.0501)	.6747	(.2656)	.1112	(.0438)	2
FEB-1	1.0236	(.4030)	62020300	.7170	(.2823)	.1641	(.0646)	.7161	(.2819)	.1529	(.0602)	FEB-1
2	1.2789	(.5035)	51022403	.7629	(.3004)	.1956	(.0770)	.7325	(.2884)	.1699	(.0669)	2
MAR-1	1.2090	(.4760)	46031503	.7205	(.2837)	.1646	(.0648)	.7182	(.2827)	.1336	(.0526)	MAR-1
2	1.2235	(.4817)	63033112	.8928	(.3515)	.1651	(.0650)	.8718	(.3432)	.1615	(.0636)	2
APR-1	1.4719	(.5795)	67041300	1.0663	(.4198)	.1906	(.0751)	1.0149	(.3996)	.1838	(.0724)	APR-1
2	1.8661	(.7347)	71042000	1.3612	(.5359)	.2443	(.0962)	1.3145	(.5175)	.1730	(.0681)	2
MAY-1	2.2118	(.8708)	51051503	1.5559	(.6126)	.2763	(.1088)	1.5053	(.5926)	.2040	(.0803)	MAY-1
2	2.3691	(.9327)	53052703	1.8509	(.7287)	.2892	(.1139)	1.7801	(.7008)	.2230	(.0878)	2
JUN-1	2.6873	(1.0580)	52061203	2.1596	(.8503)	.2671	(.1052)	2.0630	(.8122)	.2135	(.0841)	JUN-1
2	2.6205	(1.0317)	55062803	2.2617	(.8904)	.2179	(.0858)	2.1564	(.8490)	.1790	(.0705)	2
JUL-1	3.1714	(1.2486)	57070300	2.4033	(.9462)	.2987	(.1176)	2.3115	(.9100)	.1650	(.0650)	JUL-1
2	3.1265	(1.2309)	53072703	2.5053	(.9863)	.3001	(.1181)	2.4131	(.9500)	.2410	(.0949)	2
AUG-1	3.1229	(1.2295)	57080300	2.4964	(.9828)	.2630	(.1036)	2.3671	(.9319)	.2128	(.0838)	AUG-1
2	3.0193	(1.1887)	49081703	2.3348	(.9192)	.2999	(.1181)	2.2517	(.8865)	.2044	(.0805)	2
SEP-1	2.6843	(1.0568)	63091000	2.0725	(.8160)	.3595	(.1415)	2.0375	(.8021)	.2414	(.0951)	SEP-1
2	2.3922	(.9418)	46091815	1.7737	(.6983)	.3041	(.1197)	1.7002	(.6694)	.3176	(.1250)	2
OCT-1	2.3089	(.9090)	49101003	1.4956	(.5888)	.3737	(.1471)	1.4784	(.5820)	.3136	(.1235)	OCT-1
2	2.0739	(.8165)	53102103	1.2987	(.5113)	.3118	(.1228)	1.2521	(.4929)	.3174	(.1250)	2
NOV-1	1.3988	(.5507)	61110200	.9297	(.3660)	.1788	(.0704)	.9242	(.3639)	.1425	(.0561)	NOV-1
2	1.1229	(.4421)	63112200	.8186	(.3223)	.1193	(.0470)	.7945	(.3128)	.0944	(.0372)	2
DEC-1	1.2558	(.4944)	65121100	.7560	(.2976)	.1826	(.0719)	.7219	(.2842)	.1738	(.0684)	DEC-1
2	1.1435	(.4502)	46122715	.7467	(.2940)	.1262	(.0497)	.7422	(.2922)	.1427	(.0562)	2
				SURFACE TO 850MB								
JAN-1	.3840	(.1512)	53011203	.2363	(.0930)	.0464	(.0183)	.2327	(.0916)	.0455	(.0179)	JAN-1
2	.3145	(.1238)	53012503	.2335	(.0919)	.0443	(.0175)	.2282	(.0898)	.0503	(.0198)	2
FEB-1	.3642	(.1434)	63020600	.2476	(.0975)	.0447	(.0176)	.2453	(.0966)	.0523	(.0206)	FEB-1
2	.4303	(.1694)	51022403	.2612	(.1029)	.0553	(.0218)	.2632	(.1036)	.0566	(.0223)	2
MAR-1	.4338	(.1708)	46031515	.2564	(.1010)	.0551	(.0217)	.2460	(.0968)	.0575	(.0226)	MAR-1
2	.4978	(.1960)	46033103	.3052	(.1201)	.0665	(.0262)	.2969	(.1169)	.0612	(.0241)	2
APR-1	.5304	(.2088)	63040100	.3525	(.1388)	.0686	(.0270)	.3472	(.1367)	.0663	(.0261)	APR-1
2	.6619	(.2606)	57041903	.4747	(.1869)	.1052	(.0414)	.4835	(.1904)	.0679	(.0267)	2
MAY-1	.8009	(.3153)	49050503	.5559	(.2188)	.1104	(.0435)	.5659	(.2228)	.1001	(.0394)	MAY-1
2	.8938	(.3519)	58053100	.6712	(.2643)	.1113	(.0438)	.6650	(.2618)	.0908	(.0357)	2
JUN-1	1.0434	(.4108)	52061415	.8060	(.3173)	.1111	(.0437)	.7772	(.3060)	.0991	(.0390)	JUN-1
2	1.0079	(.3968)	60061900	.8311	(.3272)	.0967	(.0381)	.8220	(.3236)	.0807	(.0318)	2
JUL-1	1.2416	(.4888)	57070300	.9340	(.3677)	.1316	(.0518)	.9230	(.3634)	.0670	(.0264)	JUL-1
2	1.2182	(.4796)	51071603	.9692	(.3816)	.1138	(.0448)	.9613	(.3785)	.0771	(.0303)	2
AUG-1	1.1133	(.4383)	57080300	.9429	(.3712)	.0927	(.0365)	.9381	(.3693)	.0753	(.0297)	AUG-1
2	1.1290	(.4445)	54082803	.9045	(.3561)	.1115	(.0439)	.8940	(.3520)	.0911	(.0358)	2
SEP-1	1.0036	(.3951)	63090612	.7755	(.3053)	.1330	(.0524)	.7921	(.3119)	.1027	(.0404)	SEP-1
2	.9314	(.3667)	62091600	.6496	(.2558)	.1297	(.0511)	.6473	(.2548)	.1204	(.0474)	2
OCT-1	.8359	(.3291)	55100403	.5369	(.2114)	.1370	(.0540)	.5467	(.2152)	.1145	(.0451)	OCT-1
2	.7696	(.3030)	71101712	.4665	(.1837)	.1142	(.0450)	.4651	(.1831)	.1172	(.0462)	2
NOV-1	.6378	(.2511)	54111003	.3377	(.1330)	.0800	(.0315)	.3363	(.1324)	.0701	(.0276)	NOV-1
2	.4554	(.1793)	62112912	.2909	(.1145)	.0520	(.0205)	.2842	(.1119)	.0476	(.0187)	2
DEC-1	.3452	(.1359)	62120100	.2493	(.0981)	.0479	(.0189)	.2457	(.0967)	.0447	(.0176)	DEC-1
2	.3305	(.1301)	50122103	.2529	(.0996)	.0421	(.0166)	.2427	(.0956)	.0413	(.0163)	2

OAKLAND, CAL. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.5027	(1.3790)	56019900	2.2024	(.8671)	.6287	(.2475)	2.1756	(.8566)	.5572	(.2194)	JAN-1
2	3.5151	(1.3839)	71011612	2.3957	(.9432)	.5226	(.2058)	2.3481	(.9245)	.6120	(.2409)	2
FEB-1	4.0289	(1.5862)	63029900	2.2648	(.8917)	.6461	(.2544)	2.2742	(.8953)	.5387	(.2121)	FEB-1
2	3.2007	(1.2601)	58029900	2.0756	(.8172)	.5231	(.2060)	2.0600	(.8110)	.4990	(.1965)	2
MAR-1	3.0985	(1.2199)	54039900	2.0497	(.8070)	.5029	(.1980)	1.9639	(.7732)	.4637	(.1825)	MAR-1
2	2.8567	(1.1247)	47039900	2.0728	(.8161)	.4723	(.1859)	2.1719	(.8551)	.3674	(.1447)	2
APR-1	3.1394	(1.2360)	63049912	1.9997	(.7873)	.3570	(.1405)	2.0203	(.7954)	.3707	(.1459)	APR-1
2	3.1191	(1.2280)	62049900	2.0431	(.8044)	.5480	(.2157)	2.1057	(.8290)	.4041	(.1591)	2
MAY-1	2.9703	(1.1694)	56059900	2.0651	(.8130)	.4429	(.1744)	2.1900	(.8622)	.3505	(.1380)	MAY-1
2	3.5560	(1.4000)	57059900	2.2958	(.9038)	.4859	(.1913)	2.3412	(.9218)	.3239	(.1275)	2
JUN-1	3.8738	(1.5251)	57069912	2.4877	(.9794)	.4137	(.1629)	2.7141	(1.0685)	.4483	(.1765)	JUN-1
2	3.9380	(1.5504)	48069912	2.4869	(.9791)	.5301	(.2087)	2.5791	(1.0154)	.4831	(.1902)	2
JUL-1	3.5738	(1.4070)	55079912	2.4246	(.9546)	.3954	(.1557)	2.5918	(1.0204)	.4098	(.1613)	JUL-1
2	3.9411	(1.5516)	49079912	2.7254	(1.0730)	.5858	(.2306)	2.9554	(1.1635)	.6287	(.2475)	2
AUG-1	3.7396	(1.4723)	61089912	2.5939	(1.0212)	.5766	(.2270)	2.7263	(1.0734)	.5548	(.2184)	AUG-1
2	4.6276	(1.8219)	49089900	2.6947	(1.0609)	.7483	(.2946)	2.7480	(1.0819)	.5378	(.2117)	2
SEP-1	3.6274	(1.4281)	58099912	2.4747	(.9743)	.4998	(.1968)	2.5718	(1.0125)	.4496	(.1770)	SEP-1
2	4.0805	(1.6065)	57099912	2.6966	(1.0617)	.6606	(.2601)	2.7211	(1.0713)	.5645	(.2222)	2
OCT-1	3.8600	(1.5197)	62109912	2.7406	(1.0790)	.5673	(.2234)	2.7082	(1.0662)	.5258	(.2070)	OCT-1
2	3.9500	(1.5551)	59109912	2.5370	(.9988)	.4820	(.1897)	2.6960	(1.0614)	.5140	(.2024)	2
NOV-1	3.4572	(1.3611)	55119912	2.5889	(1.0192)	.4639	(.1826)	2.6673	(1.0501)	.4324	(.1702)	NOV-1
2	3.9286	(1.5467)	50119900	2.4576	(.9676)	.5189	(.2043)	2.4640	(.9701)	.5889	(.2318)	2
DEC-1	3.8913	(1.5320)	55129912	2.4145	(.9506)	.4495	(.1770)	2.3646	(.9310)	.5685	(.2238)	DEC-1
2	4.4031	(1.7335)	55129912	2.4098	(.9487)	.5618	(.2212)	2.3469	(.9240)	.6978	(.2747)	2
				SURFACE TO 700MB								
JAN-1	2.5837	(1.0172)	68011500	1.7406	(.6853)	.4662	(.1836)	1.7242	(.6788)	.3960	(.1559)	JAN-1
2	2.7229	(1.0720)	71011712	1.8606	(.7325)	.3837	(.1510)	1.8540	(.7299)	.4359	(.1716)	2
FEB-1	2.8758	(1.1322)	63029900	1.7675	(.6959)	.4475	(.1762)	1.7867	(.7034)	.4058	(.1598)	FEB-1
2	2.3787	(.9365)	58029900	1.6481	(.6488)	.3968	(.1562)	1.6015	(.6305)	.3653	(.1438)	2
MAR-1	2.3317	(.9180)	72030312	1.6211	(.6382)	.3187	(.1255)	1.5660	(.6165)	.3278	(.1291)	MAR-1
2	2.3543	(.9269)	69033012	1.6694	(.6573)	.3302	(.1300)	1.7129	(.6744)	.2745	(.1081)	2
APR-1	2.2482	(.8851)	63049912	1.6229	(.6389)	.2679	(.1055)	1.6063	(.6324)	.2339	(.0921)	APR-1
2	2.4135	(.9502)	65041900	1.5702	(.6182)	.4013	(.1580)	1.6706	(.6577)	.2426	(.0955)	2
MAY-1	2.2812	(.8981)	56059900	1.6546	(.6514)	.3403	(.1340)	1.7157	(.6755)	.2225	(.0876)	MAY-1
2	2.4785	(.9758)	57059900	1.8125	(.7136)	.3239	(.1275)	1.8339	(.7220)	.2711	(.1067)	2
JUN-1	2.8166	(1.1089)	57069912	1.9145	(.7537)	.2593	(.1021)	2.1434	(.8438)	.2919	(.1149)	JUN-1
2	2.7897	(1.0983)	48069912	1.9716	(.7762)	.3807	(.1499)	2.0703	(.8151)	.3032	(.1194)	2
JUL-1	2.4780	(.9756)	50079912	1.8330	(.7216)	.2531	(.0996)	2.0207	(.7956)	.2577	(.1014)	JUL-1
2	2.8123	(1.1072)	66073112	2.0432	(.8044)	.3910	(.1539)	2.1616	(.8510)	.3702	(.1457)	2
AUG-1	2.7922	(1.0993)	61089912	1.9545	(.7695)	.4049	(.1594)	2.0558	(.8094)	.3697	(.1456)	AUG-1
2	2.9954	(1.1793)	49089900	2.0399	(.8031)	.4642	(.1828)	2.0772	(.8178)	.3750	(.1476)	2
SEP-1	3.0805	(1.2128)	58099900	1.9946	(.7853)	.3927	(.1546)	2.0340	(.8008)	.3130	(.1232)	SEP-1
2	3.0455	(1.1990)	57099912	2.0738	(.8164)	.4284	(.1687)	2.1305	(.8388)	.3748	(.1475)	2
OCT-1	2.9248	(1.1515)	59109912	2.1238	(.8362)	.4171	(.1642)	2.1366	(.8412)	.3831	(.1508)	OCT-1
2	2.8344	(1.1159)	59109912	2.0037	(.7889)	.3206	(.1262)	2.1106	(.8309)	.3386	(.1333)	2
NOV-1	2.6038	(1.0251)	55119912	2.0655	(.8132)	.3013	(.1186)	2.0595	(.8108)	.2976	(.1171)	NOV-1
2	3.0160	(1.1874)	50119912	1.9144	(.7537)	.3544	(.1395)	1.9425	(.7648)	.3944	(.1553)	2
DEC-1	2.8626	(1.1270)	55129912	1.9038	(.7495)	.2875	(.1132)	1.8899	(.7441)	.3851	(.1516)	DEC-1
2	3.3193	(1.3068)	55129912	1.8394	(.7242)	.4372	(.1721)	1.8496	(.7282)	.5294	(.2084)	2
				SURFACE TO 850MB								
JAN-1	1.5461	(.6087)	68011500	1.0926	(.4301)	.2419	(.0952)	1.0747	(.4231)	.2168	(.0854)	JAN-1
2	1.7092	(.6729)	71011712	1.1604	(.4569)	.2293	(.0903)	1.1724	(.4616)	.2416	(.0951)	2
FEB-1	1.5946	(.6278)	63029900	1.1372	(.4477)	.2209	(.0870)	1.1203	(.4411)	.2252	(.0887)	FEB-1
2	1.4818	(.5834)	68022000	1.0574	(.4163)	.2314	(.0911)	1.0361	(.4079)	.1954	(.0769)	2
MAR-1	1.3866	(.5459)	47039900	1.0417	(.4101)	.1735	(.0683)	1.0232	(.4028)	.1722	(.0678)	MAR-1
2	1.3985	(.5506)	52039900	1.0951	(.4311)	.1733	(.0682)	1.0730	(.4224)	.1501	(.0591)	2
APR-1	1.4265	(.5616)	61049912	1.0614	(.4179)	.1619	(.0637)	1.0828	(.4263)	.1462	(.0576)	APR-1
2	1.5687	(.6176)	65041900	1.0265	(.4041)	.2225	(.0876)	1.0529	(.4145)	.1472	(.0579)	2
MAY-1	1.3703	(.5395)	63059912	1.0970	(.4319)	.1686	(.0664)	1.1356	(.4471)	.1161	(.0457)	MAY-1
2	1.4912	(.5871)	58059912	1.1730	(.4618)	.1577	(.0621)	1.1710	(.4610)	.1401	(.0552)	2
JUN-1	1.6380	(.6449)	57069912	1.2320	(.4850)	.1333	(.0525)	1.3245	(.5215)	.1311	(.0516)	JUN-1
2	1.7193	(.6769)	60069912	1.2498	(.4920)	.2009	(.0791)	1.3188	(.5192)	.1622	(.0639)	2
JUL-1	1.6497	(.6495)	57079912	1.2134	(.4777)	.1486	(.0585)	1.3326	(.5247)	.1418	(.0558)	JUL-1
2	1.7854	(.7029)	46079900	1.2982	(.5111)	.2229	(.0878)	1.3475	(.5305)	.1867	(.0735)	2
AUG-1	1.6634	(.6549)	52089912	1.2400	(.4882)	.2041	(.0804)	1.2896	(.5077)	.1590	(.0626)	AUG-1
2	1.7424	(.6860)	58089912	1.3002	(.5119)	.2249	(.0885)	1.3463	(.5300)	.1858	(.0731)	2
SEP-1	1.7567	(.6916)	58099900	1.2692	(.4997)	.1992	(.0784)	1.3485	(.5309)	.1741	(.0685)	SEP-1
2	1.7341	(.6827)	57099900	1.3294	(.5234)	.2265	(.0892)	1.3553	(.5336)	.1824	(.0718)	2
OCT-1	1.7574	(.6919)	59109912	1.3264	(.5222)	.1995	(.0785)	1.3639	(.5370)	.2013	(.0793)	OCT-1
2	1.6667	(.6562)	59109912	1.3226	(.5207)	.1696	(.0668)	1.3693	(.5391)	.1540	(.0606)	2
NOV-1	1.6678	(.6566)	55119900	1.2992	(.5115)	.1738	(.0684)	1.2977	(.5109)	.1755	(.0691)	NOV-1
2	1.7498	(.6889)	50119912	1.2271	(.4831)	.2085	(.0821)	1.2340	(.4858)	.1897	(.0747)	2
DEC-1	1.5555	(.6124)	50129912	1.1987	(.4719)	.1587	(.0625)	1.1810	(.4650)	.2020	(.0795)	DEC-1
2	1.7394	(.6848)	55129912	1.1525	(.4538)	.2405	(.0947)	1.1694	(.4604)	.2616	(.1030)	2

OKLAHOMA CITY, OKLA. 26 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.4877	(1.3731)	55010403	1.9351	(.7618)	.7277	(.2865)	1.9308	(.7602)	.6679	(.2630)	JAN-1
2	2.7465	(1.0813)	69012912	1.7470	(.6878)	.4840	(.1906)	1.7853	(.7029)	.4808	(.1893)	2
FEB-1	2.8415	(1.1187)	66020900	1.8993	(.7478)	.3762	(.1481)	1.9247	(.7578)	.3641	(.1434)	FEB-1
2	3.1626	(1.2451)	48022703	1.8758	(.7385)	.5572	(.2194)	1.8994	(.7478)	.4727	(.1861)	2
MAR-1	3.5022	(1.3788)	46030515	2.0062	(.7899)	.4777	(.1881)	1.9741	(.7772)	.5115	(.2014)	MAR-1
2	3.3139	(1.3047)	53031715	2.3447	(.9231)	.4303	(.1694)	2.2750	(.8957)	.4357	(.1716)	2
APR-1	3.8953	(1.5336)	65041500	2.5911	(1.0201)	.5598	(.2204)	2.5719	(1.0126)	.4470	(.1760)	APR-1
2	3.9040	(1.5370)	46042215	2.9936	(1.1786)	.3684	(.1451)	3.0400	(1.1968)	.4351	(.1713)	2
MAY-1	4.3495	(1.7124)	60050600	3.3016	(1.2998)	.4790	(.1886)	3.1176	(1.2274)	.3347	(.1318)	MAY-1
2	4.8699	(1.9173)	49052403	3.5428	(1.3948)	.4100	(.1614)	3.4394	(1.3541)	.3116	(.1227)	2
JUN-1	4.6241	(1.8205)	57061500	3.8598	(1.5196)	.3656	(.1439)	3.8218	(1.5047)	.3184	(.1254)	JUN-1
2	5.0538	(1.9897)	59062700	4.1752	(1.6438)	.4933	(.1942)	4.1746	(1.6435)	.4186	(.1648)	2
JUL-1	5.2898	(2.0826)	49070903	4.3813	(1.7249)	.4357	(.1715)	4.3988	(1.7318)	.3481	(.1371)	JUL-1
2	5.7930	(2.2807)	66072312	4.6635	(1.8360)	.4318	(.1700)	4.6483	(1.8300)	.4647	(.1829)	2
AUG-1	5.5524	(2.1860)	66080212	4.5318	(1.7842)	.3809	(.1500)	4.5902	(1.8072)	.4456	(.1754)	AUG-1
2	5.8936	(2.3203)	58082100	4.5324	(1.7844)	.5148	(.2027)	4.5474	(1.7903)	.4013	(.1580)	2
SEP-1	4.8915	(1.9258)	58091012	3.9892	(1.5705)	.4550	(.1791)	4.1975	(1.6525)	.4890	(.1925)	SEP-1
2	5.5723	(2.1938)	58092312	3.9150	(1.5413)	.5236	(.2061)	3.9559	(1.5574)	.6107	(.2404)	2
OCT-1	4.6662	(1.8371)	54100215	3.4560	(1.3606)	.7094	(.2793)	3.5132	(1.3832)	.6407	(.2523)	OCT-1
2	3.8964	(1.5340)	46103103	2.8722	(1.1308)	.5924	(.2332)	2.9971	(1.1800)	.6605	(.2600)	2
NOV-1	3.8397	(1.5117)	59110312	2.6389	(1.0389)	.5687	(.2239)	2.5020	(.9850)	.5983	(.2356)	NOV-1
2	3.5212	(1.3863)	58111712	2.2282	(.8773)	.4583	(.1804)	2.2205	(.8742)	.5308	(.2090)	2
DEC-1	3.7991	(1.4957)	48121415	2.3038	(.9070)	.5054	(.1990)	2.2115	(.8707)	.5649	(.2224)	DEC-1
2	2.7668	(1.0893)	65122400	1.9276	(.7589)	.4904	(.1931)	1.9103	(.7521)	.4465	(.1758)	2
				SURFACE TO 700MB								
JAN-1	2.5362	(.9985)	60011200	1.4922	(.5875)	.4967	(.1956)	1.4878	(.5857)	.4849	(.1909)	JAN-1
2	2.2827	(.8987)	67012412	1.3354	(.5257)	.4606	(.1813)	1.3022	(.5127)	.4234	(.1667)	2
FEB-1	2.1610	(.8508)	57020803	1.4933	(.5879)	.3261	(.1284)	1.3911	(.5477)	.2912	(.1147)	FEB-1
2	2.5364	(.9986)	48022703	1.4669	(.5775)	.4273	(.1682)	1.4251	(.5610)	.3496	(.1376)	2
MAR-1	2.5291	(.9957)	46030515	1.5320	(.6032)	.3805	(.1498)	1.4835	(.5840)	.4020	(.1583)	MAR-1
2	2.4171	(.9516)	54032415	1.7422	(.6859)	.3300	(.1299)	1.7328	(.6822)	.2978	(.1173)	2
APR-1	2.9251	(1.1516)	65041500	2.0104	(.7915)	.4100	(.1614)	2.0021	(.7882)	.3911	(.1540)	APR-1
2	2.8184	(1.1096)	57042303	2.3478	(.9243)	.3009	(.1185)	2.3385	(.9207)	.2639	(.1039)	2
MAY-1	3.2098	(1.2637)	49050403	2.5663	(1.0103)	.3282	(.1292)	2.4318	(.9574)	.2835	(.1116)	MAY-1
2	3.3693	(1.3265)	49052403	2.8194	(1.1100)	.2857	(.1125)	2.6716	(1.0518)	.2521	(.0993)	2
JUN-1	3.6693	(1.4446)	57061500	3.0531	(1.2020)	.2618	(.1031)	2.8843	(1.1355)	.2428	(.0956)	JUN-1
2	3.7000	(1.4567)	51062203	3.1366	(1.2349)	.2653	(.1045)	3.1634	(1.2455)	.2665	(.1049)	2
JUL-1	3.7445	(1.4742)	51070403	3.2783	(1.2907)	.2610	(.1028)	3.2243	(1.2694)	.1636	(.0644)	JUL-1
2	3.8674	(1.5226)	66072312	3.3595	(1.3227)	.2535	(.0998)	3.3338	(1.3125)	.2575	(.1014)	2
AUG-1	3.9218	(1.5440)	55081003	3.2806	(1.2916)	.2914	(.1147)	3.2801	(1.2914)	.3155	(.1242)	AUG-1
2	4.1082	(1.6174)	58082100	3.2713	(1.2879)	.2953	(.1163)	3.2716	(1.2880)	.2212	(.0871)	2
SEP-1	3.4326	(1.3514)	53090315	2.9822	(1.1741)	.2976	(.1172)	3.0807	(1.2129)	.2872	(.1131)	SEP-1
2	3.7191	(1.4642)	58092312	2.9758	(1.1716)	.3317	(.1306)	2.9720	(1.1701)	.3813	(.1501)	2
OCT-1	3.4582	(1.3615)	54100215	2.5940	(1.0213)	.4736	(.1865)	2.6590	(1.0469)	.4395	(.1730)	OCT-1
2	2.9060	(1.1441)	46102215	2.2294	(.8777)	.4613	(.1816)	2.2118	(.8708)	.4628	(.1822)	2
NOV-1	2.8898	(1.1377)	59110312	2.0272	(.7981)	.4182	(.1647)	1.8953	(.7462)	.4300	(.1693)	NOV-1
2	2.8006	(1.1026)	58111712	1.7695	(.6967)	.3452	(.1359)	1.7379	(.6842)	.4263	(.1678)	2
DEC-1	2.7468	(1.0814)	48121415	1.6883	(.6647)	.4206	(.1656)	1.6398	(.6456)	.4175	(.1644)	DEC-1
2	2.2174	(.8730)	65122400	1.4822	(.5836)	.3657	(.1440)	1.4621	(.5756)	.3227	(.1270)	2
				SURFACE TO 850MB								
JAN-1	1.3688	(.5389)	55010403	.8296	(.3266)	.2754	(.1084)	.8046	(.3168)	.2447	(.0963)	JAN-1
2	1.2441	(.4898)	68012900	.7596	(.2990)	.2791	(.1099)	.7127	(.2806)	.2378	(.0936)	2
FEB-1	1.2565	(.4947)	57020815	.8239	(.3244)	.1963	(.0773)	.7890	(.3106)	.1910	(.0752)	FEB-1
2	1.2860	(.5063)	48022703	.8007	(.3152)	.2178	(.0857)	.7452	(.2934)	.2004	(.0789)	2
MAR-1	1.2776	(.5030)	55031503	.8283	(.3261)	.2177	(.0857)	.8085	(.3183)	.2277	(.0897)	MAR-1
2	1.4237	(.5605)	54032415	.9657	(.3802)	.1997	(.0786)	.9920	(.3905)	.1699	(.0669)	2
APR-1	1.4549	(.5728)	65041500	1.1056	(.4353)	.2198	(.0865)	1.0712	(.4217)	.2121	(.0835)	APR-1
2	1.5451	(.6083)	61042200	1.3256	(.5219)	.1332	(.0524)	1.2910	(.5083)	.1421	(.0559)	2
MAY-1	1.7643	(.6946)	63051400	1.4174	(.5580)	.1657	(.0652)	1.3992	(.5508)	.1523	(.0599)	MAY-1
2	1.8677	(.7353)	53052315	1.5785	(.6214)	.1419	(.0559)	1.4879	(.5858)	.1361	(.0536)	2
JUN-1	2.0203	(.7954)	59061200	1.6686	(.6569)	.1751	(.0689)	1.6371	(.6445)	.1341	(.0528)	JUN-1
2	1.9690	(.7752)	49062815	1.7579	(.6921)	.1193	(.0470)	1.7358	(.6834)	.1280	(.0504)	2
JUL-1	2.1430	(.8437)	57070200	1.7696	(.6967)	.1711	(.0674)	1.7441	(.6866)	.0987	(.0389)	JUL-1
2	2.1064	(.8293)	58073000	1.7981	(.7079)	.1485	(.0585)	1.7970	(.7075)	.1178	(.0464)	2
AUG-1	2.1102	(.8308)	48081003	1.7598	(.6928)	.1868	(.0735)	1.7482	(.6883)	.1438	(.0566)	AUG-1
2	2.0996	(.8266)	70082012	1.7558	(.6912)	.1288	(.0507)	1.7603	(.6930)	.1157	(.0455)	2
SEP-1	1.9172	(.7548)	62090912	1.6189	(.6374)	.1372	(.0540)	1.6585	(.6530)	.1505	(.0592)	SEP-1
2	1.9116	(.7526)	55092715	1.5927	(.6270)	.1811	(.0713)	1.6083	(.6332)	.2055	(.0809)	2
OCT-1	1.8235	(.7179)	54100215	1.3982	(.5505)	.2546	(.1003)	1.4543	(.5726)	.2338	(.0920)	OCT-1
2	1.5870	(.6248)	53102203	1.2565	(.4947)	.2120	(.0835)	1.2224	(.4812)	.2076	(.0817)	2
NOV-1	1.5471	(.6091)	68110200	1.1179	(.4401)	.2195	(.0864)	1.0559	(.4157)	.2251	(.0886)	NOV-1
2	1.4516	(.5715)	52111615	.9720	(.3827)	.2233	(.0879)	.9439	(.3716)	.2370	(.0933)	2
DEC-1	1.4412	(.5674)	48121415	.9092	(.3580)	.2311	(.0910)	.8819	(.3472)	.2525	(.0994)	DEC-1
2	1.2144	(.4781)	49122003	.8036	(.3164)	.1938	(.0763)	.8258	(.3251)	.2036	(.0802)	2

OMAHA, NEB. 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.6192	(1.0312)	60011200	1.4129	(.5562)	.4182	(.1646)	1.4509	(.5712)	.4372	(.1721)	JAN-1
2	2.3978	(.9440)	67012412	1.2823	(.5048)	.3125	(.1230)	1.3013	(.5123)	.3655	(.1439)	2
FEB-1	2.6817	(1.0558)	66020900	1.4393	(.5667)	.3741	(.1473)	1.3882	(.5465)	.3200	(.1260)	FEB-1
2	3.0310	(1.1933)	48022715	1.4708	(.5791)	.4157	(.1637)	1.4785	(.5821)	.5070	(.1996)	2
MAR-1	2.6231	(1.0327)	46031415	1.5241	(.6000)	.3495	(.1376)	1.5405	(.6065)	.3892	(.1532)	MAR-1
2	2.8161	(1.1087)	52033103	1.8411	(.7248)	.4382	(.1725)	1.9030	(.7492)	.3977	(.1566)	2
APR-1	2.8743	(1.1316)	48041103	2.1200	(.8347)	.4399	(.1732)	2.1693	(.8541)	.4247	(.1672)	APR-1
2	3.2962	(1.2977)	51043003	2.4749	(.9744)	.3511	(.1382)	2.4017	(.9455)	.2603	(.1025)	2
MAY-1	3.8992	(1.5351)	59050500	2.9319	(1.1543)	.4576	(.1801)	2.9091	(1.1453)	.3577	(.1408)	MAY-1
2	5.3028	(2.0877)	64052400	3.2515	(1.2801)	.6289	(.2476)	3.2160	(1.2661)	.2849	(.1122)	2
JUN-1	4.8224	(1.8986)	53061003	3.7462	(1.4749)	.4800	(.1890)	3.7515	(1.4770)	.4076	(.1605)	JUN-1
2	5.3873	(2.1210)	46061803	4.0047	(1.5766)	.5888	(.2318)	3.9673	(1.5619)	.4495	(.1770)	2
JUL-1	5.3505	(2.1065)	58070200	4.4038	(1.7338)	.5316	(.2093)	4.3820	(1.7252)	.3414	(.1344)	JUL-1
2	5.7584	(2.2671)	46071603	4.4157	(1.7385)	.5595	(.2203)	4.4974	(1.7706)	.5244	(.2065)	2
AUG-1	5.8095	(2.2872)	66080112	4.2466	(1.6719)	.5801	(.2284)	4.4521	(1.7528)	.6181	(.2433)	AUG-1
2	4.9756	(1.9589)	69083112	4.1597	(1.6377)	.5225	(.2057)	4.2486	(1.6727)	.3675	(.1447)	2
SEP-1	5.1029	(2.0090)	71090412	3.9401	(1.5512)	.3865	(.1522)	3.8024	(1.4970)	.5814	(.2289)	SEP-1
2	4.6652	(1.8367)	58092400	3.2880	(1.2945)	.5359	(.2110)	3.3423	(1.3159)	.5900	(.2323)	2
OCT-1	4.5601	(1.7953)	50100115	2.9899	(1.1771)	.6554	(.2580)	2.9918	(1.1779)	.5681	(.2237)	OCT-1
2	3.8971	(1.5343)	68101600	2.5935	(1.0211)	.6362	(.2505)	2.6345	(1.0372)	.6289	(.2476)	2
NOV-1	2.8092	(1.1060)	61110200	1.9664	(.7742)	.4361	(.1717)	1.9299	(.7598)	.3707	(.1459)	NOV-1
2	2.6746	(1.0530)	71111712	1.7825	(.7018)	.4286	(.1688)	1.7276	(.6802)	.4596	(.1809)	2
DEC-1	2.6449	(1.0413)	65121100	1.6531	(.6508)	.4255	(.1675)	1.5387	(.6058)	.3571	(.1406)	DEC-1
2	2.3739	(.9346)	46122715	1.4486	(.5703)	.3440	(.1354)	1.5305	(.6026)	.3247	(.1278)	2
				SURFACE TO 700MB								
JAN-1	1.7125	(.6742)	46010415	.9964	(.3923)	.3058	(.1204)	1.0428	(.4106)	.3387	(.1334)	JAN-1
2	1.9086	(.7514)	67012412	.9055	(.3565)	.2197	(.0865)	.9215	(.3628)	.2960	(.1165)	2
FEB-1	1.9101	(.7520)	66020900	1.0034	(.3951)	.2858	(.1125)	.9918	(.3905)	.2458	(.0968)	FEB-1
2	2.0775	(.8179)	48022715	1.0650	(.4193)	.2935	(.1156)	1.0558	(.4157)	.3664	(.1442)	2
MAR-1	2.0157	(.7936)	70030300	1.1397	(.4487)	.3086	(.1215)	1.1184	(.4403)	.3190	(.1256)	MAR-1
2	2.1859	(.8606)	50032615	1.3892	(.5469)	.3342	(.1316)	1.4193	(.5588)	.3487	(.1373)	2
APR-1	2.2126	(.8711)	50041003	1.6099	(.6338)	.3649	(.1436)	1.5864	(.6246)	.3166	(.1246)	APR-1
2	2.5631	(1.0091)	51042903	1.9795	(.7793)	.2390	(.0941)	1.8740	(.7378)	.2671	(.1052)	2
MAY-1	3.1201	(1.2284)	70051212	2.2620	(.8905)	.3762	(.1481)	2.2289	(.8775)	.3360	(.1323)	MAY-1
2	3.2997	(1.2991)	56053003	2.4873	(.9792)	.3894	(.1533)	2.4029	(.9460)	.2433	(.0958)	2
JUN-1	4.3652	(1.7186)	53061003	2.9245	(1.1514)	.4652	(.1831)	2.8114	(1.1068)	.2902	(.1143)	JUN-1
2	3.9073	(1.5383)	52062703	3.1331	(1.2335)	.3887	(.1530)	3.0193	(1.1887)	.3602	(.1418)	2
JUL-1	3.9660	(1.5614)	58070200	3.3949	(1.3366)	.3458	(.1361)	3.2345	(1.2734)	.2173	(.0856)	JUL-1
2	4.2540	(1.6748)	48072103	3.3867	(1.3334)	.4362	(.1717)	3.3200	(1.3071)	.3363	(.1324)	2
AUG-1	3.8397	(1.5117)	66080112	3.2177	(1.2668)	.3647	(.1436)	3.1920	(1.2567)	.3118	(.1228)	AUG-1
2	3.8804	(1.5277)	51083003	3.1918	(1.2566)	.3617	(.1424)	3.0577	(1.2038)	.2296	(.0904)	2
SEP-1	3.6855	(1.4510)	46090803	2.9493	(1.1612)	.3000	(.1181)	2.7732	(1.0918)	.4023	(.1584)	SEP-1
2	3.4033	(1.3399)	58092400	2.5208	(.9925)	.4162	(.1639)	2.4921	(.9811)	.4458	(.1755)	2
OCT-1	3.2652	(1.2855)	50100115	2.2592	(.8895)	.4793	(.1887)	2.2470	(.8846)	.4389	(.1728)	OCT-1
2	2.6528	(1.0444)	46102903	1.9835	(.7809)	.4383	(.1726)	1.8945	(.7459)	.4457	(.1755)	2
NOV-1	2.1217	(.8353)	64110312	1.4808	(.5830)	.3096	(.1219)	1.4310	(.5634)	.2798	(.1102)	NOV-1
2	2.2944	(.9033)	71111600	1.3400	(.5275)	.3965	(.1561)	1.1909	(.4689)	.3737	(.1471)	2
DEC-1	1.8981	(.7473)	65121100	1.1874	(.4675)	.3600	(.1417)	1.0992	(.4327)	.2992	(.1178)	DEC-1
2	1.6650	(.6555)	72123000	1.0292	(.4052)	.2651	(.1044)	1.0607	(.4176)	.2528	(.0995)	2
				SURFACE TO 850MB								
JAN-1	.8857	(.3487)	46010415	.4795	(.1888)	.1288	(.0507)	.5077	(.1999)	.1702	(.0670)	JAN-1
2	.8887	(.3499)	67012412	.4519	(.1779)	.0946	(.0373)	.4565	(.1797)	.1545	(.0608)	2
FEB-1	.9472	(.3729)	66020900	.5284	(.2080)	.1386	(.0546)	.4964	(.1954)	.1543	(.0607)	FEB-1
2	.8923	(.3513)	71021812	.5357	(.2109)	.1480	(.0583)	.5140	(.2024)	.1620	(.0638)	2
MAR-1	1.0475	(.4124)	70030300	.5797	(.2282)	.1734	(.0683)	.5525	(.2175)	.1773	(.0698)	MAR-1
2	1.0902	(.4292)	47032315	.7074	(.2785)	.1859	(.0732)	.7096	(.2794)	.1888	(.0743)	2
APR-1	1.1387	(.4483)	67040912	.8097	(.3188)	.1918	(.0755)	.7935	(.3124)	.1800	(.0709)	APR-1
2	1.3995	(.5510)	51043015	1.0410	(.4099)	.1365	(.0537)	1.0272	(.4044)	.1422	(.0560)	2
MAY-1	1.6680	(.6567)	49050403	1.2178	(.4794)	.2024	(.0797)	1.1884	(.4679)	.2041	(.0804)	MAY-1
2	1.8184	(.7159)	64052600	1.3205	(.5199)	.2371	(.0933)	1.2954	(.5100)	.1653	(.0651)	2
JUN-1	2.5461	(1.0024)	53061003	1.5685	(.6175)	.2767	(.1090)	1.5381	(.6055)	.1906	(.0750)	JUN-1
2	2.2687	(.8932)	49063003	1.6926	(.6664)	.2086	(.0821)	1.6380	(.6449)	.1871	(.0737)	2
JUL-1	2.1062	(.8292)	47070515	1.8599	(.7322)	.1601	(.0630)	1.7500	(.6890)	.1490	(.0587)	JUL-1
2	2.1440	(.8441)	51071615	1.8441	(.7260)	.1932	(.0761)	1.7910	(.7051)	.1763	(.0694)	2
AUG-1	2.1595	(.8502)	49081303	1.7859	(.7031)	.1999	(.0787)	1.7226	(.6782)	.1520	(.0598)	AUG-1
2	2.3749	(.9350)	51083003	1.7613	(.6934)	.2474	(.0974)	1.6435	(.6470)	.1357	(.0534)	2
SEP-1	2.0236	(.7967)	46090703	1.6275	(.6407)	.1979	(.0779)	1.5003	(.5907)	.1974	(.0777)	SEP-1
2	1.7722	(.6977)	50091903	1.3737	(.5408)	.2161	(.0851)	1.3425	(.5285)	.2538	(.0999)	2
OCT-1	1.7302	(.6812)	54100903	1.2334	(.4856)	.2578	(.1015)	1.2604	(.4962)	.2472	(.0973)	OCT-1
2	1.5245	(.6002)	65101712	1.0660	(.4197)	.2357	(.0928)	1.0155	(.3998)	.2398	(.0944)	2
NOV-1	1.1798	(.4645)	50110103	.7929	(.3122)	.1565	(.0616)	.7499	(.2953)	.1331	(.0524)	NOV-1
2	1.2807	(.5042)	52111703	.7116	(.2801)	.2625	(.1033)	.6262	(.2465)	.1938	(.0763)	2
DEC-1	1.0427	(.4105)	46120803	.6131	(.2414)	.2285	(.0899)	.5591	(.2201)	.1974	(.0777)	DEC-1
2	.8473	(.3336)	49123015	.5100	(.2008)	.1320	(.0520)	.5198	(.2047)	.1456	(.0573)	2

PENSACOLA, FLA. 16 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED: MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.9400	(1.5512)	68011000	3.1223	(1.2292)	.7146	(.2813)	2.7993	(1.1021)	.6498	(.2558)	JAN-1
2	3.9738	(1.5645)	70013000	3.1235	(1.2297)	.9681	(.3812)	3.1834	(1.2533)	.3593	(.1415)	2
FEB-1	3.3769	(1.3295)	69021500	3.1013	(1.2210)	.2447	(.0964)	2.5246	(.9939)	.7218	(.2842)	FEB-1
2	3.9830	(1.5681)	70021612	2.5064	(.9868)	.7484	(.2947)	3.3791	(1.3304)	.5480	(.2158)	2
MAR-1	3.7562	(1.4788)	61030812	3.0085	(1.1845)	.2675	(.1053)	3.1198	(1.2283)	.3910	(.1539)	MAR-1
2	4.7099	(1.8543)	70032000	3.6913	(1.4533)	.9213	(.3627)	3.4042	(1.3402)	.4700	(.1851)	2
APR-1	3.9319	(1.5480)	70040212	3.4753	(1.3682)	.2677	(.1054)	3.1663	(1.2466)	.8341	(.3284)	APR-1
2	4.5088	(1.7751)	69041812	3.0340	(1.1945)	1.5007	(.5908)	3.2839	(1.2929)	.8387	(.3302)	2
MAY-1	4.4775	(1.7628)	69050900	3.3740	(1.3283)	1.1078	(.4361)	3.5335	(1.3912)	.6301	(.2481)	MAY-1
2	4.5344	(1.7852)	68052612	3.6972	(1.4556)	.8994	(.3541)	3.8808	(1.5279)	.5343	(.2103)	2
JUN-1	5.5715	(2.1935)	59060912	4.2517	(1.6739)	.3221	(.1268)	4.5876	(1.8062)	.6771	(.2666)	JUN-1
2	5.3119	(2.0913)	68062212	4.8171	(1.8965)	.1895	(.0746)	4.6740	(1.8402)	.4182	(.1647)	2
JUL-1	5.6462	(2.2229)	69071112	5.2099	(2.0511)	.0515	(.0203)	5.1880	(2.0425)	.4751	(.1870)	JUL-1
2	5.5113	(2.1698)	69071812	5.0324	(1.9812)	.6417	(.2526)	5.1676	(2.0345)	.3919	(.1543)	2
AUG-1	5.6109	(2.2090)	68081412	5.0358	(1.9826)	.1361	(.0536)	5.1062	(2.0103)	.3677	(.1448)	AUG-1
2	5.7953	(2.2816)	68082200	4.5358	(1.7857)	1.7622	(.6938)	5.0985	(2.0073)	.1057	(.0416)	2
SEP-1	5.7087	(2.2475)	61091112	4.6328	(1.8239)	.5451	(.2146)	4.8173	(1.8966)	.6198	(.2440)	SEP-1
2	5.7805	(2.2758)	57091812	4.9004	(1.9293)	.5201	(.2048)	4.7808	(1.8822)	.7553	(.2974)	2
OCT-1	5.5057	(2.1676)	59100812	4.5860	(1.8055)	.4857	(.1912)	4.4550	(1.7539)	.7840	(.3086)	OCT-1
2	5.6784	(2.2356)	67103100	4.0703	(1.6025)	2.2232	(.8753)	4.1489	(1.6334)	1.4479	(.5700)	2
NOV-1	4.8796	(1.9211)	67110100	4.0374	(1.5895)	.8060	(.3173)	2.9700	(1.1693)	.7847	(.3089)	NOV-1
2	4.3000	(1.6929)	68113012	2.9513	(1.1619)	.4148	(.1633)	3.5702	(1.4056)	.6992	(.2753)	2
DEC-1	4.2057	(1.6558)	68120112	3.5597	(1.4015)	.1239	(.0488)	3.6212	(1.4257)	.5641	(.2221)	DEC-1
2	4.1321	(1.6268)	68122300	3.9031	(1.5367)	.3117	(.1227)	3.1135	(1.2258)	.7453	(.2934)	2
				SURFACE TO 700MB								
JAN-1	2.9281	(1.1528)	68011000	2.3775	(.9360)	.6430	(.2532)	2.3434	(.9226)	.5095	(.2006)	JAN-1
2	2.9088	(1.1452)	70013000	2.4560	(.9669)	.6130	(.2413)	2.5724	(1.0128)	.3207	(.1263)	2
FEB-1	2.4768	(.9751)	60021012	2.1420	(.8433)	.1504	(.0592)	2.0491	(.8067)	.5971	(.2351)	FEB-1
2	3.4483	(1.3576)	61022412	1.9667	(.7743)	.7498	(.2952)	2.6493	(1.0430)	.6350	(.2500)	2
MAR-1	3.2713	(1.2879)	68031112	2.4468	(.9633)	.0963	(.0379)	2.5928	(1.0208)	.4476	(.1762)	MAR-1
2	3.9139	(1.5409)	70033100	2.8924	(1.1387)	.8911	(.3508)	2.7860	(1.0969)	.4400	(.1732)	2
APR-1	3.2210	(1.2681)	69041512	2.6774	(1.0541)	.2794	(.1100)	2.5209	(.9925)	.7807	(.3074)	APR-1
2	3.8191	(1.5036)	69041812	2.5183	(.9914)	1.2179	(.4795)	2.7798	(1.0944)	.6529	(.2570)	2
MAY-1	3.6990	(1.4563)	63051312	2.5677	(1.0109)	.8069	(.3177)	2.9110	(1.1461)	.5460	(.2150)	MAY-1
2	3.7871	(1.4910)	68052612	2.9464	(1.1600)	.7492	(.2949)	3.1307	(1.2326)	.3610	(.1421)	2
JUN-1	4.2588	(1.6767)	59060912	3.5197	(1.3857)	.3140	(.1236)	3.6497	(1.4369)	.4258	(.1676)	JUN-1
2	4.0358	(1.5889)	69062912	3.5628	(1.4027)	.3110	(.1224)	3.6376	(1.4321)	.2609	(.1027)	2
JUL-1	4.5339	(1.7850)	69071112	3.9746	(1.5648)	.0022	(.0008)	4.0129	(1.5799)	.4149	(.1633)	JUL-1
2	4.2601	(1.6772)	59072112	3.9343	(1.5489)	.1514	(.0596)	4.0245	(1.5844)	.3267	(.1286)	2
AUG-1	4.1968	(1.6523)	57081000	3.9831	(1.5681)	.1900	(.0748)	4.0485	(1.5939)	.1029	(.0405)	AUG-1
2	4.3881	(1.7276)	68082500	3.5228	(1.3869)	1.1158	(.4393)	4.0295	(1.5864)	.1968	(.0775)	2
SEP-1	4.1046	(1.6160)	61091112	3.6123	(1.4221)	.3788	(.1491)	3.7769	(1.4870)	.3088	(.1216)	SEP-1
2	4.1435	(1.6313)	68091612	3.6461	(1.4355)	.1996	(.0786)	3.6107	(1.4215)	.4011	(.1579)	2
OCT-1	4.2789	(1.6846)	59100812	3.4657	(1.3644)	.2562	(.1008)	3.5572	(1.4005)	.5618	(.2212)	OCT-1
2	4.1217	(1.6227)	68101900	3.9289	(1.5468)	.1677	(.0660)	3.4979	(1.3771)	.6627	(.2609)	2
NOV-1	3.4290	(1.3500)	61110700	3.1669	(1.2468)	.2695	(.1061)	2.3986	(.9443)	.6188	(.2436)	NOV-1
2	3.2822	(1.2922)	68113012	2.6735	(1.0526)	.3266	(.1286)	2.6747	(1.0530)	.5327	(.2097)	2
DEC-1	3.4000	(1.3386)	61121112	3.0028	(1.1822)	.4478	(.1763)	2.7734	(1.0919)	.5527	(.2176)	DEC-1
2	3.2479	(1.2787)	67121600	3.1682	(1.2473)	.0893	(.0352)	2.5625	(1.0088)	.5603	(.2206)	2
				SURFACE TO 850MB								
JAN-1	2.0958	(.8251)	68010300	1.4807	(.5830)	.6365	(.2506)	1.4799	(.5826)	.2672	(.1052)	JAN-1
2	1.7607	(.6932)	70012600	1.5897	(.6259)	.2243	(.0883)	1.6336	(.6432)	.0886	(.0349)	2
FEB-1	1.8486	(.7278)	68020212	1.4601	(.5748)	.1092	(.0430)	1.4870	(.5854)	.3653	(.1438)	FEB-1
2	2.1250	(.8366)	61022412	1.3663	(.5379)	.4061	(.1599)	1.6011	(.6303)	.4902	(.1930)	2
MAR-1	2.0353	(.8013)	68031012	1.5407	(.6066)	.0643	(.0253)	1.6220	(.6386)	.3203	(.1261)	MAR-1
2	2.3035	(.9069)	70033100	1.8065	(.7112)	.4351	(.1713)	1.7929	(.7059)	.2872	(.1131)	2
APR-1	2.1753	(.8564)	69041512	2.0215	(.7959)	.1026	(.0404)	1.6852	(.6635)	.5119	(.2015)	APR-1
2	2.3391	(.9209)	68042800	1.7369	(.6838)	.8277	(.3259)	1.9083	(.7513)	.3436	(.1353)	2
MAY-1	2.4158	(.9511)	63051312	1.7193	(.6769)	.4707	(.1853)	1.9752	(.7776)	.2852	(.1123)	MAY-1
2	2.3353	(.9194)	68052612	2.0025	(.7884)	.3622	(.1426)	2.0620	(.8118)	.1662	(.0654)	2
JUN-1	2.5946	(1.0215)	59061112	2.2629	(.8909)	.2294	(.0903)	2.3321	(.9182)	.2146	(.0845)	JUN-1
2	2.6678	(1.0503)	62061812	2.3090	(.9091)	.2586	(.1018)	2.4085	(.9482)	.1805	(.0711)	2
JUL-1	2.8872	(1.1367)	69071112	2.4572	(.9674)	.0280	(.0110)	2.5510	(1.0043)	.2333	(.0919)	JUL-1
2	2.7277	(1.0739)	69072512	2.5197	(.9920)	.0657	(.0259)	2.6106	(1.0278)	.1599	(.0629)	2
AUG-1	2.8423	(1.1190)	61081012	2.5248	(.9940)	.1294	(.0509)	2.7102	(1.0670)	.1314	(.0518)	AUG-1
2	2.8311	(1.1146)	68082012	2.3520	(.9260)	.4773	(.1879)	2.5629	(1.0090)	.1885	(.0742)	2
SEP-1	2.6507	(1.0436)	61091112	2.2593	(.8895)	.2373	(.0934)	2.3800	(.9370)	.2167	(.0853)	SEP-1
2	2.7407	(1.0790)	57091812	2.2890	(.9012)	.1821	(.0717)	2.3024	(.9065)	.2428	(.0956)	2
OCT-1	2.6934	(1.0604)	59101212	2.1021	(.8276)	.2320	(.0913)	2.1970	(.8650)	.3756	(.1479)	OCT-1
2	2.4265	(.9553)	68101812	2.2773	(.8966)	.1090	(.0429)	2.2079	(.8692)	.2323	(.0914)	2
NOV-1	2.0815	(.8195)	61110700	1.8905	(.7443)	.1308	(.0515)	1.6573	(.6525)	.3243	(.1277)	NOV-1
2	2.0940	(.8244)	68111800	1.7983	(.7080)	.3479	(.1369)	1.7023	(.6702)	.2715	(.1069)	2
DEC-1	2.2324	(.8789)	61121112	1.8436	(.7258)	.3615	(.1423)	1.7897	(.7046)	.4469	(.1759)	DEC-1
2	2.3117	(.9101)	67121900	1.9480	(.7669)	.3200	(.1260)	1.7929	(.7059)	.3238	(.1275)	2

PEORIA, ILL. 24 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.1580	(1.6370)	52010103	1.9508	(.7680)	.8177	(.3219)	1.8084	(.7120)	.7304	(.2876)	JAN-1
2	2.9934	(1.1785)	69013000	1.8329	(.7216)	.6312	(.2485)	1.8556	(.7306)	.4861	(.1914)	2
FEB-1	2.6419	(1.0401)	66020900	1.8510	(.7287)	.4286	(.1688)	1.6891	(.6650)	.4297	(.1692)	FEB-1
2	3.2197	(1.2676)	54021603	1.6708	(.6578)	.6176	(.2431)	1.7451	(.6871)	.5653	(.2225)	2
MAR-1	2.8890	(1.1374)	72031300	2.0635	(.8124)	.5005	(.1971)	1.8721	(.7370)	.6117	(.2408)	MAR-1
2	3.4206	(1.3467)	54032503	2.2583	(.8891)	.5077	(.1999)	2.1427	(.8436)	.4645	(.1829)	2
APR-1	3.4397	(1.3542)	54041515	2.5753	(1.0139)	.5332	(.2099)	2.5263	(.9946)	.5753	(.2265)	APR-1
2	3.7137	(1.4621)	55042403	2.9972	(1.1800)	.3888	(.1531)	2.9769	(1.1720)	.3839	(.1511)	2
MAY-1	4.1674	(1.6407)	50050915	3.1533	(1.2415)	.3962	(.1560)	3.1588	(1.2436)	.4806	(.1892)	MAY-1
2	4.2182	(1.6607)	69053000	3.4843	(1.3718)	.4116	(.1620)	3.4169	(1.3452)	.5305	(.2089)	2
JUN-1	5.0899	(2.0039)	49061503	4.1405	(1.6301)	.5265	(.2073)	3.9149	(1.5413)	.4471	(.1760)	JUN-1
2	5.5580	(2.1882)	56062303	4.1847	(1.6475)	.6039	(.2378)	4.2430	(1.6705)	.5637	(.2219)	2
JUL-1	5.6929	(2.2413)	49070915	4.5318	(1.7842)	.5632	(.2217)	4.4663	(1.7584)	.5894	(.2320)	JUL-1
2	5.6055	(2.2069)	53071715	4.7775	(1.8809)	.5543	(.2182)	4.6940	(1.8480)	.5182	(.2040)	2
AUG-1	5.7546	(2.2656)	49081215	4.7132	(1.8556)	.3536	(.1392)	4.5370	(1.7862)	.6196	(.2439)	AUG-1
2	5.5415	(2.1817)	51082915	4.4109	(1.7366)	.3561	(.1402)	4.3367	(1.7074)	.4571	(.1799)	2
SEP-1	5.7711	(2.2721)	51090103	4.2005	(1.6537)	.5315	(.2092)	4.0655	(1.6006)	.5642	(.2221)	SEP-1
2	5.2159	(2.0535)	58092512	3.7864	(1.4907)	.5163	(.2033)	3.7749	(1.4862)	.5235	(.2061)	2
OCT-1	5.0734	(1.9974)	54100503	3.3429	(1.3161)	.7769	(.3059)	3.5002	(1.3780)	.7925	(.3120)	OCT-1
2	4.4869	(1.7665)	71102000	2.9194	(1.1494)	.6893	(.2714)	2.8894	(1.1376)	.5896	(.2321)	2
NOV-1	3.7358	(1.4708)	72110200	2.5044	(.9860)	.5830	(.2295)	2.6015	(1.0242)	.5733	(.2257)	NOV-1
2	3.4864	(1.3726)	58111800	2.3588	(.9287)	.6450	(.2539)	2.3480	(.9244)	.6464	(.2545)	2
DEC-1	3.1702	(1.2481)	49121103	2.1490	(.8461)	.5188	(.2042)	2.1094	(.8305)	.5203	(.2049)	DEC-1
2	2.9007	(1.1420)	49122103	1.8716	(.7369)	.5270	(.2075)	1.9235	(.7573)	.5438	(.2141)	2
				SURFACE TO 700MB								
JAN-1	2.7389	(1.0783)	52010103	1.4342	(.5646)	.5624	(.2214)	1.3120	(.5166)	.5539	(.2181)	JAN-1
2	2.1653	(.8525)	50012503	1.4385	(.5663)	.5226	(.2058)	1.4164	(.5576)	.4447	(.1751)	2
FEB-1	2.0978	(.8259)	66020900	1.4057	(.5534)	.3506	(.1380)	1.2659	(.4984)	.3287	(.1294)	FEB-1
2	2.5047	(.9861)	54021603	1.3184	(.5190)	.5131	(.2020)	1.3240	(.5213)	.4524	(.1781)	2
MAR-1	2.2979	(.9047)	55030403	1.6005	(.6301)	.4251	(.1674)	1.4925	(.5876)	.4850	(.1910)	MAR-1
2	2.6302	(1.0355)	54032503	1.7678	(.6960)	.4234	(.1667)	1.6090	(.6334)	.3687	(.1452)	2
APR-1	2.6751	(1.0532)	72041300	2.0047	(.7892)	.3968	(.1562)	1.8501	(.7284)	.4640	(.1827)	APR-1
2	2.8296	(1.1140)	55042403	2.2980	(.9047)	.2824	(.1112)	2.2624	(.8907)	.3047	(.1199)	2
MAY-1	3.3914	(1.3352)	56051003	2.5105	(.9884)	.3217	(.1267)	2.4795	(.9762)	.3663	(.1442)	MAY-1
2	3.3670	(1.3256)	53052603	2.7096	(1.0668)	.3437	(.1353)	2.6110	(1.0279)	.3952	(.1556)	2
JUN-1	4.0871	(1.6091)	52061303	3.0912	(1.2170)	.4005	(.1577)	2.9947	(1.1790)	.3791	(.1492)	JUN-1
2	4.1798	(1.6456)	53061615	3.3042	(1.3009)	.4567	(.1798)	3.3047	(1.3011)	.4793	(.1887)	2
JUL-1	4.4643	(1.7576)	49070503	3.4497	(1.3581)	.3649	(.1437)	3.3506	(1.3191)	.4103	(.1615)	JUL-1
2	4.2103	(1.6576)	49072203	3.5969	(1.4161)	.3787	(.1491)	3.5511	(1.3981)	.3129	(.1232)	2
AUG-1	4.3383	(1.7080)	49081215	3.6241	(1.4268)	.3209	(.1263)	3.4379	(1.3535)	.4299	(.1693)	AUG-1
2	3.9413	(1.5517)	54081603	3.3524	(1.3199)	.2537	(.0999)	3.3478	(1.3180)	.2652	(.1044)	2
SEP-1	4.3800	(1.7244)	51090103	3.2614	(1.2840)	.3898	(.1535)	3.0953	(1.2186)	.3423	(.1348)	SEP-1
2	3.8951	(1.5335)	58092512	2.9462	(1.1599)	.3925	(.1545)	2.8789	(1.1334)	.3905	(.1538)	2
OCT-1	3.5532	(1.3989)	71100312	2.5461	(1.0024)	.5359	(.2110)	2.6641	(1.0489)	.4841	(.1906)	OCT-1
2	3.2634	(1.2848)	71102000	2.2255	(.8762)	.5084	(.2002)	2.1695	(.8541)	.4356	(.1715)	2
NOV-1	2.6253	(1.0336)	60111512	1.9481	(.7669)	.4043	(.1592)	2.0305	(.7994)	.4424	(.1742)	NOV-1
2	2.7475	(1.0817)	58111800	1.8211	(.7170)	.4913	(.1934)	1.8078	(.7117)	.4126	(.1624)	2
DEC-1	2.3208	(.9137)	49121103	1.6417	(.6463)	.4135	(.1628)	1.5683	(.6174)	.4091	(.1611)	DEC-1
2	2.1844	(.8600)	67122100	1.4103	(.5553)	.4407	(.1735)	1.3876	(.5463)	.4243	(.1670)	2
				SURFACE TO 850MB								
JAN-1	1.4044	(.5529)	52010103	.7720	(.3039)	.3213	(.1265)	.7068	(.2783)	.3150	(.1240)	JAN-1
2	1.2636	(.4975)	50012503	.7860	(.3095)	.3136	(.1235)	.7749	(.3051)	.2664	(.1049)	2
FEB-1	1.2598	(.4960)	54021503	.7515	(.2959)	.2231	(.0879)	.7284	(.2868)	.1979	(.0779)	FEB-1
2	1.3955	(.5494)	54021603	.7318	(.2881)	.2959	(.1165)	.7149	(.2815)	.2481	(.0977)	2
MAR-1	1.3686	(.5388)	56030615	.8669	(.3413)	.2605	(.1026)	.8426	(.3317)	.3102	(.1221)	MAR-1
2	1.3805	(.5435)	63033000	.9347	(.3680)	.2400	(.0945)	.8592	(.3383)	.2182	(.0859)	2
APR-1	1.7186	(.6766)	72041300	1.1273	(.4438)	.2764	(.1088)	1.0222	(.4024)	.2566	(.1010)	APR-1
2	1.8534	(.7297)	70042912	1.3011	(.5122)	.1825	(.0719)	1.3038	(.5133)	.2108	(.0830)	2
MAY-1	1.9141	(.7536)	70051300	1.4845	(.5845)	.1986	(.0782)	1.4540	(.5724)	.2149	(.0846)	MAY-1
2	2.1417	(.8432)	53052603	1.5658	(.6164)	.2655	(.1045)	1.5545	(.6120)	.2187	(.0861)	2
JUN-1	2.3658	(.9314)	52061315	1.8006	(.7089)	.2231	(.0878)	1.7904	(.7049)	.2189	(.0862)	JUN-1
2	2.3696	(.9329)	53062915	1.9291	(.7595)	.2551	(.1004)	1.9285	(.7592)	.2359	(.0929)	2
JUL-1	2.7386	(1.0782)	49070503	2.0168	(.7940)	.2243	(.0883)	2.0000	(.7874)	.1810	(.0713)	JUL-1
2	2.6208	(1.0318)	52072215	2.1247	(.8365)	.2207	(.0869)	2.1212	(.8351)	.2088	(.0822)	2
AUG-1	2.4544	(.9663)	49081215	2.0999	(.8267)	.1786	(.0703)	2.0110	(.7917)	.2198	(.0865)	AUG-1
2	2.4234	(.9541)	59082012	2.0119	(.7921)	.1986	(.0782)	1.9521	(.7685)	.1876	(.0738)	2
SEP-1	2.5654	(1.0100)	51090103	1.8911	(.7445)	.2435	(.0959)	1.8147	(.7145)	.2039	(.0803)	SEP-1
2	2.1570	(.8492)	58092512	1.7324	(.6820)	.2389	(.0940)	1.6786	(.6609)	.2676	(.1054)	2
OCT-1	2.2565	(.8884)	49101015	1.5056	(.5927)	.2874	(.1132)	1.5432	(.6076)	.3124	(.1230)	OCT-1
2	1.8514	(.7289)	71102000	1.2895	(.5077)	.2755	(.1085)	1.2545	(.4939)	.2696	(.1061)	2
NOV-1	1.5273	(.6013)	60111512	1.1220	(.4417)	.2065	(.0813)	1.1694	(.4604)	.2254	(.0887)	NOV-1
2	1.4981	(.5898)	52111615	1.0433	(.4108)	.2881	(.1134)	1.0086	(.3971)	.2564	(.1009)	2
DEC-1	1.3434	(.5289)	49121103	.8984	(.3537)	.2573	(.1013)	.8636	(.3400)	.2506	(.0987)	DEC-1
2	1.2482	(.4914)	67122100	.7720	(.3039)	.2310	(.0909)	.7699	(.3031)	.2358	(.0928)	2

PHOENIX, ARIZ. 12 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED: MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.7615	(1.0872)	57010903	1.7065	(.6719)	.3987	(.1570)	1.8225	(.7175)	.4074	(.1604)	JAN-1
2	2.5253	(.9942)	52011815	1.7391	(.6847)	.2698	(.1062)	1.7967	(.7074)	.3731	(.1469)	2
FEB-1	2.4374	(.9596)	57020903	1.5584	(.6135)	.4079	(.1606)	1.6128	(.6350)	.4612	(.1816)	FEB-1
2	2.5270	(.9949)	50022703	1.6152	(.6359)	.4513	(.1777)	1.6506	(.6498)	.4356	(.1715)	2
MAR-1	2.2863	(.9001)	53030903	1.6405	(.6459)	.3687	(.1452)	1.6148	(.6357)	.3462	(.1363)	MAR-1
2	2.5672	(1.0107)	54032215	1.6660	(.6559)	.4502	(.1772)	1.6310	(.6421)	.4683	(.1844)	2
APR-1	2.4651	(.9705)	46040503	1.6919	(.6661)	.4235	(.1668)	1.5776	(.6211)	.3535	(.1392)	APR-1
2	2.6558	(1.0456)	46042715	1.8571	(.7311)	.4712	(.1855)	1.9220	(.7567)	.4123	(.1623)	2
MAY-1	2.5474	(1.0029)	52050203	1.8799	(.7401)	.4552	(.1792)	1.8022	(.7095)	.4236	(.1668)	MAY-1
2	3.2301	(1.2717)	54052103	2.0749	(.8169)	.5001	(.1969)	2.0759	(.8173)	.3779	(.1488)	2
JUN-1	3.8699	(1.5236)	55061315	2.6755	(1.0534)	.6356	(.2502)	2.6786	(1.0545)	.7773	(.3060)	JUN-1
2	4.2464	(1.6718)	49061803	3.1659	(1.2464)	.7862	(.3095)	2.9960	(1.1795)	.8044	(.3167)	2
JUL-1	5.2832	(2.0800)	50070915	4.1626	(1.6388)	.6107	(.2404)	4.2929	(1.6901)	.6835	(.2691)	JUL-1
2	5.3122	(2.0914)	55071703	4.6849	(1.8444)	.4848	(.1909)	4.6650	(1.8366)	.4397	(.1731)	2
AUG-1	5.2040	(2.0488)	54080403	4.6092	(1.8146)	.4577	(.1802)	4.6236	(1.8203)	.4262	(.1678)	AUG-1
2	5.4216	(2.1345)	55082103	4.4457	(1.7503)	.5708	(.2247)	4.4218	(1.7408)	.4577	(.1802)	2
SEP-1	4.8887	(1.9247)	49090903	3.5391	(1.3933)	.8159	(.3212)	3.4953	(1.3761)	.6833	(.2690)	SEP-1
2	4.5936	(1.8085)	47091915	3.4996	(1.3778)	.7870	(.3099)	3.3719	(1.3275)	.8003	(.3151)	2
OCT-1	4.1473	(1.6328)	54100803	3.0330	(1.1941)	.6942	(.2733)	2.7876	(1.0975)	.6974	(.2746)	OCT-1
2	3.2520	(1.2803)	56102315	2.2670	(.8925)	.5319	(.2094)	2.3103	(.9096)	.6052	(.2383)	2
NOV-1	2.6797	(1.0550)	57110200	2.0042	(.7890)	.3768	(.1484)	1.9325	(.7608)	.3767	(.1483)	NOV-1
2	2.6675	(1.0502)	50111903	1.6972	(.6682)	.4935	(.1943)	1.7926	(.7058)	.5239	(.2062)	2
DEC-1	2.3086	(.9089)	51121215	1.8045	(.7104)	.3470	(.1366)	1.8038	(.7102)	.4004	(.1576)	DEC-1
2	2.9134	(1.1470)	46122615	1.8483	(.7277)	.5969	(.2350)	1.7449	(.6870)	.6536	(.2573)	2
				SURFACE TO 700MB								
JAN-1	2.0770	(.8177)	57011003	1.3157	(.5180)	.3127	(.1231)	1.3971	(.5500)	.2786	(.1097)	JAN-1
2	1.8976	(.7471)	52011815	1.2332	(.4855)	.1825	(.0718)	1.3218	(.5204)	.2863	(.1127)	2
FEB-1	1.6380	(.6449)	57021303	1.1892	(.4682)	.2538	(.0999)	1.1712	(.4611)	.2869	(.1129)	FEB-1
2	1.9576	(.7707)	50022703	1.3030	(.5130)	.3664	(.1443)	1.2424	(.4891)	.3128	(.1232)	2
MAR-1	1.8265	(.7191)	53030903	1.2126	(.4774)	.3240	(.1275)	1.2058	(.4747)	.2958	(.1164)	MAR-1
2	1.9238	(.7574)	54032303	1.2245	(.4821)	.3710	(.1460)	1.1873	(.4674)	.3472	(.1367)	2
APR-1	1.6678	(.6566)	46040503	1.2135	(.4777)	.3011	(.1186)	1.2463	(.4907)	.2680	(.1055)	APR-1
2	1.8705	(.7364)	51041915	1.3865	(.5458)	.3134	(.1234)	1.4924	(.5876)	.2488	(.0980)	2
MAY-1	2.0663	(.8135)	52050203	1.4055	(.5533)	.3055	(.1203)	1.3455	(.5297)	.2708	(.1066)	MAY-1
2	2.2451	(.8839)	54052103	1.5133	(.5958)	.3468	(.1365)	1.5057	(.5928)	.2716	(.1069)	2
JUN-1	2.7884	(1.0978)	55061315	1.8828	(.7413)	.4650	(.1831)	1.8996	(.7479)	.5173	(.2037)	JUN-1
2	3.0020	(1.1819)	54062515	2.2238	(.8755)	.4580	(.1803)	2.1275	(.8376)	.6270	(.2469)	2
JUL-1	3.7132	(1.4619)	50070915	2.8040	(1.1039)	.4191	(.1650)	2.9834	(1.1746)	.4948	(.1948)	JUL-1
2	3.6810	(1.4492)	48072515	3.2747	(1.2892)	.2355	(.0927)	3.3025	(1.3002)	.3026	(.1191)	2
AUG-1	3.6088	(1.4208)	55080703	3.1866	(1.2546)	.3249	(.1279)	3.2846	(1.2931)	.2897	(.1141)	AUG-1
2	3.7831	(1.4894)	55082103	3.1747	(1.2499)	.3849	(.1515)	3.1518	(1.2409)	.3865	(.1522)	2
SEP-1	3.7328	(1.4696)	49091315	2.5505	(1.0041)	.5844	(.2301)	2.5759	(1.0141)	.5947	(.2341)	SEP-1
2	3.3337	(1.3125)	47091903	2.6388	(1.0389)	.6068	(.2389)	2.5388	(.9995)	.5767	(.2270)	2
OCT-1	3.0737	(1.2101)	46100203	2.3388	(.9208)	.4769	(.1878)	2.1164	(.8332)	.5687	(.2239)	OCT-1
2	2.3350	(.9193)	51103015	1.7051	(.6713)	.4031	(.1587)	1.7813	(.7013)	.4644	(.1828)	2
NOV-1	2.1112	(.8312)	57110200	1.5926	(.6270)	.2780	(.1094)	1.5211	(.5989)	.3455	(.1360)	NOV-1
2	2.1247	(.8365)	46112403	1.3968	(.5499)	.4431	(.1744)	1.2954	(.5100)	.4188	(.1649)	2
DEC-1	1.7488	(.6885)	51121303	1.3899	(.5472)	.2930	(.1154)	1.3233	(.5210)	.3104	(.1222)	DEC-1
2	2.1780	(.8575)	57121600	1.3852	(.5453)	.4709	(.1854)	1.2717	(.5007)	.4232	(.1666)	2
				SURFACE TO 850MB								
JAN-1	1.2136	(.4778)	57011103	.7344	(.2891)	.1917	(.0755)	.7652	(.3013)	.1806	(.0711)	JAN-1
2	.9837	(.3873)	52011815	.6791	(.2673)	.1204	(.0474)	.7115	(.2801)	.1484	(.0584)	2
FEB-1	.9342	(.3678)	57021303	.6431	(.2532)	.1511	(.0595)	.6544	(.2576)	.1414	(.0557)	FEB-1
2	1.1316	(.4455)	55021803	.7344	(.2891)	.2075	(.0817)	.6879	(.2708)	.1666	(.0656)	2
MAR-1	.9469	(.3728)	53030903	.6203	(.2442)	.1822	(.0717)	.6766	(.2664)	.1878	(.0740)	MAR-1
2	1.0904	(.4293)	54032303	.6632	(.2611)	.2097	(.0825)	.6563	(.2584)	.1988	(.0783)	2
APR-1	.8687	(.3420)	53041503	.6532	(.2572)	.1715	(.0675)	.6910	(.2720)	.1376	(.0542)	APR-1
2	1.0112	(.3981)	52042515	.7220	(.2842)	.1623	(.0639)	.7953	(.3131)	.1550	(.0610)	2
MAY-1	1.0389	(.4090)	52050203	.6998	(.2755)	.1638	(.0645)	.7194	(.2832)	.1498	(.0590)	MAY-1
2	1.2941	(.5095)	54052103	.7695	(.3030)	.2125	(.0837)	.7905	(.3112)	.1457	(.0573)	2
JUN-1	1.4318	(.5637)	55061315	.9337	(.3676)	.2497	(.0983)	1.0109	(.3980)	.2759	(.1086)	JUN-1
2	1.6027	(.6310)	54062515	1.1365	(.4475)	.2588	(.1019)	1.1227	(.4420)	.3318	(.1306)	2
JUL-1	2.0183	(.7946)	50070915	1.3926	(.5483)	.2516	(.0991)	1.5628	(.6153)	.2897	(.1141)	JUL-1
2	1.9794	(.7793)	53071803	1.7121	(.6740)	.1802	(.0710)	1.7719	(.6976)	.1198	(.0472)	2
AUG-1	1.9319	(.7606)	54080515	1.6412	(.6462)	.1896	(.0747)	1.7464	(.6875)	.1666	(.0656)	AUG-1
2	2.0851	(.8209)	56082103	1.6688	(.6570)	.2807	(.1105)	1.6722	(.6583)	.2188	(.0862)	2
SEP-1	1.9792	(.7792)	49091315	1.2900	(.5079)	.2986	(.1176)	1.3685	(.5388)	.3431	(.1351)	SEP-1
2	1.8512	(.7288)	46092003	1.3851	(.5453)	.3387	(.1333)	1.4050	(.5531)	.3065	(.1207)	2
OCT-1	1.6700	(.6575)	46100203	1.2012	(.4729)	.2740	(.1079)	1.1132	(.4383)	.2954	(.1163)	OCT-1
2	1.3353	(.5257)	46102903	.9267	(.3648)	.2366	(.0932)	.9333	(.3674)	.2632	(.1036)	2
NOV-1	1.1770	(.4634)	57110200	.8784	(.3458)	.1749	(.0689)	.8155	(.3210)	.1819	(.0716)	NOV-1
2	1.0340	(.4071)	46112415	.7489	(.2948)	.2086	(.0821)	.6936	(.2731)	.2239	(.0881)	2
DEC-1	.9492	(.3737)	51121303	.7484	(.2946)	.1390	(.0547)	.7371	(.2902)	.1778	(.0700)	DEC-1
2	1.1829	(.4657)	57121600	.7281	(.2866)	.2597	(.1022)	.6808	(.2680)	.2125	(.0837)	2

PITTSBURGH, PA. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.9776	(1.1723)	50010615	1.9651	(.7736)	.5335	(.2100)	2.0538	(.8086)	.5389	(.2122)	JAN-1
2	3.0300	(1.1929)	59012112	1.9863	(.7820)	.5634	(.2218)	1.9699	(.7755)	.6715	(.2644)	2
FEB-1	3.0152	(1.1871)	48021403	1.9144	(.7537)	.5743	(.2261)	2.0183	(.7946)	.4589	(.1807)	FEB-1
2	3.0094	(1.1848)	61022300	1.7686	(.6963)	.5923	(.2332)	1.7286	(.6805)	.5495	(.2163)	2
MAR-1	3.0637	(1.2062)	56030803	2.1050	(.8287)	.5500	(.2165)	1.9945	(.7852)	.5049	(.1988)	MAR-1
2	3.3744	(1.3285)	48032115	2.1705	(.8545)	.4121	(.1623)	2.2501	(.8859)	.5157	(.2030)	2
APR-1	3.3800	(1.3307)	72041512	2.3853	(.9391)	.4669	(.1838)	2.4737	(.9739)	.4785	(.1884)	APR-1
2	3.7290	(1.4681)	57042503	2.7821	(1.0953)	.3832	(.1509)	2.7516	(1.0833)	.4330	(.1705)	2
MAY-1	3.7419	(1.4732)	58050312	3.1157	(1.2266)	.3077	(.1211)	3.0281	(1.1922)	.3937	(.1550)	MAY-1
2	4.1189	(1.6216)	59052112	3.3688	(1.3263)	.3637	(.1432)	3.2246	(1.2695)	.4034	(.1588)	2
JUN-1	4.5324	(1.7844)	57061300	3.7263	(1.4671)	.3840	(.1512)	3.7358	(1.4708)	.3350	(.1319)	JUN-1
2	4.7976	(1.8888)	51062503	4.0097	(1.5786)	.5556	(.2188)	3.9553	(1.5572)	.5027	(.1979)	2
JUL-1	5.0988	(2.0074)	57070900	4.1147	(1.6200)	.4497	(.1770)	4.0629	(1.5996)	.3513	(.1383)	JUL-1
2	5.0493	(1.9879)	59073100	4.4693	(1.7596)	.3661	(.1441)	4.2825	(1.6860)	.4213	(.1659)	2
AUG-1	5.1504	(2.0277)	53080503	4.2257	(1.6637)	.4042	(.1591)	4.0714	(1.6029)	.4528	(.1783)	AUG-1
2	5.3906	(2.1223)	59082300	4.0808	(1.6066)	.5330	(.2098)	4.2784	(1.6844)	.4778	(.1881)	2
SEP-1	4.8443	(1.9072)	46091003	4.1861	(1.6481)	.4971	(.1957)	3.9901	(1.5709)	.4724	(.1860)	SEP-1
2	4.7833	(1.8832)	58091700	3.5958	(1.4157)	.5435	(.2140)	3.6084	(1.4206)	.5016	(.1975)	2
OCT-1	4.9586	(1.9522)	54100415	3.2165	(1.2663)	.6465	(.2545)	3.0943	(1.2182)	.6740	(.2653)	OCT-1
2	3.9789	(1.5665)	68101900	2.7947	(1.1003)	.5150	(.2028)	2.7484	(1.0821)	.5588	(.2200)	2
NOV-1	3.6886	(1.4522)	67110200	2.4736	(.9739)	.5479	(.2157)	2.5151	(.9902)	.5097	(.2007)	NOV-1
2	3.6027	(1.4184)	58111712	2.4260	(.9551)	.4608	(.1814)	2.4962	(.9827)	.5023	(.1978)	2
DEC-1	3.0610	(1.2051)	49121215	2.2477	(.8849)	.4910	(.1933)	2.2654	(.8919)	.5717	(.2251)	DEC-1
2	2.9781	(1.1725)	68122812	1.9375	(.7628)	.5112	(.2013)	1.9896	(.7833)	.6270	(.2468)	2
				SURFACE TO 700MB								
JAN-1	2.1166	(.8333)	50010403	1.4052	(.5532)	.3951	(.1556)	1.4533	(.5722)	.3970	(.1563)	JAN-1
2	2.2715	(.8943)	49012415	1.4503	(.5710)	.4170	(.1642)	1.4087	(.5546)	.4658	(.1834)	2
FEB-1	2.0417	(.8038)	49021503	1.3732	(.5406)	.4037	(.1589)	1.4597	(.5747)	.3465	(.1364)	FEB-1
2	2.0620	(.8118)	61022300	1.2907	(.5082)	.4222	(.1662)	1.2178	(.4794)	.3987	(.1570)	2
MAR-1	2.0541	(.8087)	61030612	1.4807	(.5829)	.3780	(.1488)	1.4813	(.5832)	.3801	(.1496)	MAR-1
2	2.5049	(.9862)	48032115	1.5739	(.6196)	.3228	(.1271)	1.6225	(.6388)	.3685	(.1451)	2
APR-1	2.3891	(.9406)	72041512	1.7231	(.6784)	.3264	(.1285)	1.7728	(.6979)	.3240	(.1275)	APR-1
2	2.7046	(1.0648)	57042503	2.0493	(.8068)	.2504	(.0986)	2.0502	(.8072)	.3028	(.1192)	2
MAY-1	2.9639	(1.1669)	56051415	2.2986	(.9050)	.2497	(.0983)	2.2387	(.8814)	.3031	(.1193)	MAY-1
2	3.1867	(1.2546)	53052603	2.4365	(.9592)	.2565	(.1010)	2.3683	(.9324)	.3008	(.1184)	2
JUN-1	3.3269	(1.3098)	57061300	2.8187	(1.1097)	.2565	(.1010)	2.7693	(1.0903)	.2063	(.0812)	JUN-1
2	3.7234	(1.4659)	59063000	2.9918	(1.1779)	.3883	(.1529)	2.9913	(1.1777)	.3269	(.1287)	2
JUL-1	3.7892	(1.4918)	55071003	3.0025	(1.1821)	.3116	(.1227)	2.9989	(1.1807)	.2251	(.0886)	JUL-1
2	3.7788	(1.4877)	72072300	3.2506	(1.2798)	.2414	(.0950)	3.1723	(1.2489)	.2513	(.0990)	2
AUG-1	3.7036	(1.4581)	68081412	3.1284	(1.2317)	.2765	(.1089)	3.0556	(1.2030)	.2999	(.1181)	AUG-1
2	4.2045	(1.6553)	59082300	3.0096	(1.1849)	.3630	(.1429)	3.1404	(1.2364)	.3737	(.1471)	2
SEP-1	3.3886	(1.3341)	61090400	3.0192	(1.1886)	.3351	(.1319)	2.9352	(1.1556)	.2996	(.1179)	SEP-1
2	3.4684	(1.3655)	58092612	2.6756	(1.0534)	.3269	(.1287)	2.6658	(1.0495)	.3673	(.1446)	2
OCT-1	3.3259	(1.3094)	54100415	2.3551	(.9272)	.4370	(.1721)	2.3307	(.9176)	.4065	(.1601)	OCT-1
2	2.7851	(1.0965)	68101900	2.0802	(.8190)	.3191	(.1256)	2.0632	(.8123)	.3757	(.1479)	2
NOV-1	2.4780	(.9756)	56110103	1.8584	(.7316)	.3858	(.1519)	1.8404	(.7246)	.3653	(.1438)	NOV-1
2	2.6236	(1.0329)	58111712	1.7396	(.6849)	.3306	(.1302)	1.7797	(.7007)	.3553	(.1399)	2
DEC-1	2.2400	(.8819)	49121203	1.6544	(.6514)	.3520	(.1386)	1.6242	(.6395)	.4070	(.1602)	DEC-1
2	2.1880	(.8614)	48121615	1.4251	(.5611)	.3863	(.1521)	1.4836	(.5841)	.4051	(.1595)	2
				SURFACE TO 850MB								
JAN-1	1.1400	(.4488)	52010115	.6883	(.2710)	.2049	(.0807)	.7093	(.2793)	.2147	(.0845)	JAN-1
2	1.2045	(.4742)	49012415	.7274	(.2864)	.2146	(.0845)	.7175	(.2825)	.2501	(.0985)	2
FEB-1	1.0302	(.4056)	49021503	.6796	(.2676)	.1945	(.0766)	.7011	(.2760)	.1804	(.0710)	FEB-1
2	.9769	(.3846)	62022700	.6149	(.2421)	.2152	(.0847)	.5926	(.2333)	.1977	(.0778)	2
MAR-1	1.1100	(.4370)	61030612	.7304	(.2876)	.2013	(.0793)	.7497	(.2952)	.2107	(.0829)	MAR-1
2	1.3035	(.5132)	48032115	.7927	(.3121)	.1717	(.0676)	.8129	(.3200)	.2029	(.0799)	2
APR-1	1.1763	(.4631)	67041400	.8873	(.3493)	.1875	(.0738)	.8780	(.3457)	.1797	(.0707)	APR-1
2	1.4478	(.5700)	57042415	1.1126	(.4380)	.1411	(.0555)	1.0627	(.4184)	.1766	(.0695)	2
MAY-1	1.5636	(.6156)	62051512	1.2196	(.4802)	.1610	(.0634)	1.2041	(.4740)	.1929	(.0759)	MAY-1
2	1.6370	(.6445)	59052912	1.3060	(.5142)	.1669	(.0657)	1.2734	(.5013)	.1862	(.0733)	2
JUN-1	1.7445	(.6868)	54061303	1.5397	(.6062)	.1290	(.0508)	1.5431	(.6075)	.1176	(.0463)	JUN-1
2	1.9812	(.7800)	59063000	1.6380	(.6449)	.1922	(.0757)	1.6344	(.6435)	.1806	(.0711)	2
JUL-1	1.9975	(.7864)	55071003	1.6734	(.6588)	.1348	(.0531)	1.6687	(.6570)	.1361	(.0536)	JUL-1
2	2.1425	(.8435)	56072803	1.7878	(.7039)	.1667	(.0656)	1.7694	(.6966)	.1434	(.0564)	2
AUG-1	1.9916	(.7841)	47081215	1.6833	(.6627)	.1522	(.0599)	1.6761	(.6599)	.1637	(.0644)	AUG-1
2	2.2822	(.8985)	68082412	1.6497	(.6495)	.1815	(.0714)	1.7006	(.6695)	.1909	(.0752)	2
SEP-1	1.9891	(.7831)	56090103	1.6476	(.6487)	.1754	(.0690)	1.5852	(.6241)	.1510	(.0595)	SEP-1
2	1.8504	(.7285)	58092612	1.4547	(.5727)	.1926	(.0758)	1.4588	(.5743)	.2164	(.0852)	2
OCT-1	1.7600	(.6929)	54100403	1.2765	(.5026)	.2078	(.0818)	1.2592	(.4957)	.1907	(.0751)	OCT-1
2	1.4216	(.5597)	68101900	1.0945	(.4309)	.1725	(.0679)	1.0864	(.4277)	.1965	(.0774)	2
NOV-1	1.3040	(.5134)	71110100	.9817	(.3865)	.2232	(.0879)	.9728	(.3830)	.1937	(.0763)	NOV-1
2	1.3912	(.5477)	58111712	.9105	(.3585)	.1838	(.0724)	.8949	(.3523)	.2015	(.0793)	2
DEC-1	1.1356	(.4471)	56120715	.8293	(.3265)	.1868	(.0736)	.8100	(.3189)	.2142	(.0843)	DEC-1
2	1.1621	(.4575)	48121615	.7397	(.2912)	.1863	(.0733)	.7587	(.2987)	.1925	(.0758)	2

PT. MUGU, CAL. 21 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.7036	(1.0644)	69011312	1.2568	(.4948)	.4236	(.1668)	1.6976	(.6683)	.6843	(.2694)	JAN-1
2	3.6177	(1.4243)	70011612	1.6381	(.6449)	.6229	(.2453)	1.8870	(.7429)	.8332	(.3280)	2
FEB-1	2.9068	(1.1444)	57020815	1.2347	(.4861)	.2773	(.1092)	1.6754	(.6596)	.4977	(.1959)	FEB-1
2	2.8702	(1.1300)	55021615	1.6184	(.6372)	.5562	(.2190)	1.7222	(.6780)	.7033	(.2769)	2
MAR-1	3.6292	(1.4288)	54030915	1.3206	(.5199)	.2477	(.0975)	1.9370	(.7626)	.6306	(.2483)	MAR-1
2	2.8560	(1.1244)	67031612	1.3942	(.5489)	.5420	(.2134)	1.7036	(.6707)	.5366	(.2113)	2
APR-1	2.5072	(.9871)	69041012	1.3585	(.5348)	.3144	(.1238)	1.7581	(.6922)	.3190	(.1256)	APR-1
2	2.3383	(.9206)	65042712	1.1495	(.4525)	.3275	(.1289)	1.8109	(.7130)	.3923	(.1545)	2
MAY-1	2.6634	(1.0486)	69050812	1.6297	(.6416)	.1773	(.0698)	1.9839	(.7811)	.3880	(.1527)	MAY-1
2	3.2403	(1.2757)	57052300	1.9658	(.7739)	.6914	(.2722)	2.2292	(.8776)	.4446	(.1750)	2
JUN-1	3.8504	(1.5159)	66061412	1.8791	(.7398)	.4747	(.1869)	2.5295	(.9959)	.5786	(.2278)	JUN-1
2	4.0409	(1.5909)	67063012	2.5077	(.9873)	.8064	(.3175)	2.3278	(.9164)	.6816	(.2684)	2
JUL-1	4.3132	(1.6981)	54071415	1.9236	(.7573)	.6222	(.2450)	2.7567	(1.0853)	1.1794	(.4643)	JUL-1
2	4.9179	(1.9362)	52072515	3.0298	(1.1928)	.7194	(.2832)	3.3435	(1.3164)	1.0204	(.4017)	2
AUG-1	4.7407	(1.8664)	65080912	3.0323	(1.1938)	.4538	(.1786)	3.6786	(1.4483)	.9498	(.3739)	AUG-1
2	4.1379	(1.6291)	68082612	2.6446	(1.0412)	.6602	(.2599)	2.9411	(1.1579)	.8825	(.3474)	2
SEP-1	4.5883	(1.8064)	54090215	2.5933	(1.0210)	1.1710	(.4610)	2.9326	(1.1546)	.9563	(.3765)	SEP-1
2	4.1778	(1.6448)	63092312	1.9990	(.7870)	.7501	(.2953)	2.6620	(1.0480)	.9463	(.3725)	2
OCT-1	3.3904	(1.3348)	56100215	2.1292	(.8383)	.2522	(.0993)	2.4039	(.9464)	.7824	(.3080)	OCT-1
2	3.4412	(1.3548)	64102812	2.1173	(.8336)	.5564	(.2191)	2.2401	(.8819)	.6526	(.2569)	2
NOV-1	3.1623	(1.2450)	63111512	1.7168	(.6759)	.4089	(.1610)	2.0340	(.8008)	.7153	(.2816)	NOV-1
2	3.9502	(1.5552)	66112812	1.6728	(.6586)	1.0441	(.4111)	1.7885	(.7041)	1.0572	(.4162)	2
DEC-1	3.7300	(1.4685)	66120612	1.3652	(.5375)	.5988	(.2357)	1.9323	(.7607)	.8018	(.3157)	DEC-1
2	3.3561	(1.3213)	55122215	1.4939	(.5882)	.8872	(.3493)	1.9533	(.7690)	.7707	(.3034)	2
				SURFACE TO 700MB								
JAN-1	2.0394	(.8029)	70011412	.9431	(.3713)	.3341	(.1315)	1.3405	(.5278)	.5006	(.1971)	JAN-1
2	2.5710	(1.0122)	70011612	1.2823	(.5048)	.4984	(.1962)	1.5190	(.5980)	.5109	(.2012)	2
FEB-1	2.0462	(.8056)	57020815	.9997	(.3936)	.2826	(.1112)	1.3022	(.5127)	.3472	(.1367)	FEB-1
2	2.0909	(.8232)	70021712	1.2730	(.5012)	.4388	(.1727)	1.4201	(.5591)	.4705	(.1852)	2
MAR-1	2.5451	(1.0020)	54030915	1.2033	(.4737)	.1584	(.0624)	1.5356	(.6046)	.4214	(.1659)	MAR-1
2	2.1346	(.8404)	67031612	1.1086	(.4365)	.4405	(.1734)	1.3918	(.5479)	.3605	(.1419)	2
APR-1	1.9235	(.7573)	69041012	1.1701	(.4607)	.3776	(.1487)	1.3637	(.5369)	.3029	(.1193)	APR-1
2	1.8555	(.7305)	65042712	1.0652	(.4194)	.2705	(.1065)	1.5170	(.5972)	.2473	(.0974)	2
MAY-1	2.1356	(.8408)	69050812	1.1318	(.4456)	.2958	(.1164)	1.6577	(.6526)	.2909	(.1145)	MAY-1
2	2.4973	(.9832)	57052300	1.6483	(.6489)	.4788	(.1885)	1.7303	(.6812)	.3290	(.1295)	2
JUN-1	3.1206	(1.2286)	66061412	1.6319	(.6425)	.3342	(.1316)	2.0530	(.8083)	.3981	(.1567)	JUN-1
2	3.0922	(1.2174)	67063012	1.9829	(.7806)	.4922	(.1938)	1.9365	(.7624)	.4623	(.1820)	2
JUL-1	3.3937	(1.3361)	67070312	1.6217	(.6385)	.4074	(.1604)	1.9194	(.7557)	.9491	(.3737)	JUL-1
2	3.6050	(1.4193)	52072515	2.1960	(.8646)	.4226	(.1664)	2.5123	(.9891)	.6297	(.2479)	2
AUG-1	3.4999	(1.3779)	65080912	2.2710	(.8941)	.3625	(.1427)	2.4362	(.9591)	.7924	(.3120)	AUG-1
2	3.1133	(1.2257)	70081712	2.0143	(.7930)	.4877	(.1920)	2.2450	(.8839)	.5706	(.2247)	2
SEP-1	3.2675	(1.2864)	54090215	2.0145	(.7931)	.6184	(.2435)	2.3016	(.9061)	.6491	(.2555)	SEP-1
2	3.1499	(1.2401)	67092912	1.6655	(.6557)	.5875	(.2313)	2.1633	(.8517)	.6523	(.2568)	2
OCT-1	2.6655	(1.0494)	56100315	1.6984	(.6687)	.3201	(.1260)	1.9738	(.7771)	.4939	(.1944)	OCT-1
2	2.6167	(1.0302)	64102812	1.4757	(.5810)	.5881	(.2315)	1.7980	(.7079)	.5105	(.2010)	2
NOV-1	2.5100	(.9882)	63111512	1.4563	(.5733)	.4907	(.1932)	1.7356	(.6833)	.4818	(.1897)	NOV-1
2	2.6596	(1.0471)	66112812	1.5141	(.5961)	.5383	(.2119)	1.4435	(.5683)	.7496	(.2951)	2
DEC-1	2.7620	(1.0874)	66120612	1.1081	(.4362)	.4146	(.1632)	1.5720	(.6189)	.5777	(.2275)	DEC-1
2	2.5700	(1.0118)	55122215	1.0887	(.4286)	.5464	(.2151)	1.5532	(.6115)	.6002	(.2363)	2
				SURFACE TO 850MB								
JAN-1	1.2812	(.5044)	70011412	.6344	(.2498)	.2248	(.0885)	.8804	(.3466)	.3117	(.1227)	JAN-1
2	1.4663	(.5773)	70011612	.8679	(.3417)	.2847	(.1121)	1.0226	(.4026)	.2064	(.0813)	2
FEB-1	1.1318	(.4456)	57021415	.7063	(.2781)	.2011	(.0792)	.8565	(.3372)	.1662	(.0654)	FEB-1
2	1.2865	(.5065)	70021712	.8434	(.3320)	.2319	(.0913)	.9579	(.3771)	.2154	(.0848)	2
MAR-1	1.4569	(.5736)	54030915	.8528	(.3357)	.1319	(.0519)	1.0497	(.4133)	.1830	(.0721)	MAR-1
2	1.2789	(.5035)	59033100	.7789	(.3067)	.2841	(.1118)	1.0229	(.4027)	.1156	(.0455)	2
APR-1	1.2751	(.5020)	69040112	.8216	(.3235)	.2392	(.0942)	.9776	(.3849)	.1535	(.0604)	APR-1
2	1.2070	(.4752)	65042712	.8242	(.3245)	.1766	(.0695)	1.0510	(.4138)	.1137	(.0448)	2
MAY-1	1.3627	(.5365)	56050415	.8755	(.3447)	.1407	(.0554)	1.1333	(.4462)	.1197	(.0471)	MAY-1
2	1.5149	(.5964)	69052712	1.1507	(.4530)	.2451	(.0965)	1.2091	(.4760)	.1725	(.0679)	2
JUN-1	1.8623	(.7332)	66061412	1.0904	(.4293)	.1678	(.0661)	1.3448	(.5295)	.1919	(.0755)	JUN-1
2	1.7315	(.6817)	67062112	1.3180	(.5189)	.1780	(.0701)	1.3630	(.5366)	.1872	(.0737)	2
JUL-1	1.8870	(.7429)	54071415	1.1129	(.4381)	.1603	(.0631)	1.3001	(.5118)	.4154	(.1635)	JUL-1
2	2.0046	(.7892)	52072515	1.3704	(.5395)	.1637	(.0645)	1.5374	(.6053)	.2753	(.1084)	2
AUG-1	1.9959	(.7858)	65080912	1.3557	(.5337)	.2101	(.0827)	1.5648	(.6161)	.3529	(.1389)	AUG-1
2	1.9088	(.7515)	67081812	1.3721	(.5402)	.2001	(.0788)	1.4823	(.5836)	.2601	(.1024)	2
SEP-1	1.9332	(.7611)	69091512	1.2319	(.4850)	.3503	(.1379)	1.5192	(.5981)	.3494	(.1375)	SEP-1
2	1.8900	(.7441)	67092912	1.2562	(.4946)	.3205	(.1262)	1.3876	(.5463)	.3633	(.1430)	2
OCT-1	1.6977	(.6684)	56100315	1.1954	(.4706)	.1617	(.0636)	1.3141	(.5174)	.2721	(.1071)	OCT-1
2	1.5509	(.6106)	64102812	1.0227	(.4026)	.3155	(.1242)	1.1666	(.4593)	.2609	(.1027)	2
NOV-1	1.7150	(.6752)	63111512	1.0386	(.4089)	.2642	(.1040)	1.2440	(.4898)	.2752	(.1084)	NOV-1
2	1.5809	(.6224)	66111712	1.0303	(.4056)	.2249	(.0886)	.9427	(.3711)	.3994	(.1572)	2
DEC-1	1.7033	(.6706)	66120212	.8129	(.3200)	.2562	(.1009)	1.0238	(.4031)	.3285	(.1293)	DEC-1
2	1.5433	(.6076)	55122215	.8007	(.3152)	.3829	(.1508)	.9896	(.3896)	.3640	(.1433)	2

PORTLAND, ME. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED: MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.2400	(1.2756)	51010403	1.7332	(.6824)	.6216	(.2447)	1.8551	(.7304)	.6207	(.2444)	JAN-1
2	3.0287	(1.1924)	59012212	1.8021	(.7095)	.4490	(.1768)	1.8115	(.7132)	.5017	(.1975)	2
FEB-1	2.8049	(1.1043)	51020203	1.8788	(.7397)	.4842	(.1906)	1.8135	(.7140)	.4815	(.1896)	FEB-1
2	3.0470	(1.1996)	53022115	1.6086	(.6333)	.4669	(.1838)	1.6635	(.6549)	.5107	(.2011)	2
MAR-1	2.9487	(1.1609)	64030512	1.6989	(.6689)	.4241	(.1670)	1.7260	(.6795)	.5119	(.2015)	MAR-1
2	3.1407	(1.2365)	50032815	1.9464	(.7663)	.5124	(.2017)	1.9948	(.7854)	.6122	(.2410)	2
APR-1	3.1402	(1.2363)	48040203	2.2922	(.9025)	.4955	(.1951)	2.2556	(.8880)	.5135	(.2022)	APR-1
2	3.5057	(1.3802)	62042912	2.5223	(.9930)	.4328	(.1704)	2.4641	(.9701)	.4881	(.1922)	2
MAY-1	3.8641	(1.5213)	55050503	2.9368	(1.1562)	.4908	(.1932)	2.9293	(1.1533)	.3392	(.1335)	MAY-1
2	4.2294	(1.6651)	55053003	3.4295	(1.3502)	.4376	(.1723)	3.2753	(1.2895)	.4751	(.1870)	2
JUN-1	4.5311	(1.7839)	47061503	3.7081	(1.4599)	.4537	(.1786)	3.6402	(1.4331)	.3895	(.1533)	JUN-1
2	4.9261	(1.9394)	49062603	4.1115	(1.6187)	.4660	(.1835)	3.9127	(1.5404)	.4136	(.1628)	2
JUL-1	5.1255	(2.0179)	55071003	4.2650	(1.6791)	.4089	(.1610)	4.0973	(1.6131)	.4656	(.1833)	JUL-1
2	5.2763	(2.0773)	55071615	4.3471	(1.7115)	.5069	(.1996)	4.4409	(1.7484)	.4781	(.1882)	2
AUG-1	5.0376	(1.9833)	55081403	4.2319	(1.6661)	.4511	(.1776)	4.1183	(1.6214)	.4396	(.1731)	AUG-1
2	5.9771	(2.3532)	59081700	4.4366	(1.7467)	.5722	(.2253)	4.2420	(1.6701)	.5726	(.2254)	2
SEP-1	5.6970	(2.2429)	46091015	4.1572	(1.6367)	.5307	(.2089)	4.0029	(1.5759)	.7132	(.2808)	SEP-1
2	5.2466	(2.0656)	58092612	3.6826	(1.4498)	.5894	(.2321)	3.8480	(1.5150)	.6948	(.2735)	2
OCT-1	4.5905	(1.8073)	59100200	3.3836	(1.3321)	.6154	(.2423)	3.1709	(1.2484)	.6506	(.2562)	OCT-1
2	4.1499	(1.6338)	59102500	3.0494	(1.2005)	.5240	(.2063)	2.9538	(1.1629)	.5044	(.1986)	2
NOV-1	4.6462	(1.8292)	66110312	2.7045	(1.0648)	.7348	(.2893)	2.8067	(1.1050)	.6977	(.2747)	NOV-1
2	3.5375	(1.3927)	54112103	2.4533	(.9659)	.5457	(.2148)	2.3630	(.9303)	.4948	(.1948)	2
DEC-1	3.3449	(1.3169)	66121112	2.2396	(.8817)	.5645	(.2222)	2.2343	(.8797)	.5207	(.2050)	DEC-1
2	3.1717	(1.2487)	64122700	1.9098	(.7519)	.5975	(.2352)	1.8888	(.7436)	.5058	(.1991)	2
				SURFACE TO 700MB								
JAN-1	2.2151	(.8721)	51010403	1.2561	(.4945)	.4582	(.1804)	1.3901	(.5473)	.4554	(.1793)	JAN-1
2	2.2436	(.8833)	50012615	1.3588	(.5350)	.3751	(.1477)	1.3547	(.5333)	.4142	(.1631)	2
FEB-1	1.9865	(.7821)	51020203	1.3499	(.5315)	.3308	(.1303)	1.3463	(.5300)	.3674	(.1446)	FEB-1
2	2.0853	(.8210)	53022115	1.1691	(.4603)	.3701	(.1457)	1.1788	(.4641)	.3843	(.1513)	2
MAR-1	2.0731	(.8162)	64030512	1.2844	(.5057)	.3152	(.1241)	1.2379	(.4874)	.3674	(.1446)	MAR-1
2	2.1770	(.8571)	60033112	1.4928	(.5877)	.3695	(.1455)	1.4749	(.5807)	.4230	(.1665)	2
APR-1	2.3274	(.9163)	54040815	1.6795	(.6612)	.3784	(.1490)	1.6780	(.6606)	.3959	(.1559)	APR-1
2	2.5258	(.9944)	62042912	1.8551	(.7304)	.3021	(.1189)	1.8416	(.7251)	.3150	(.1240)	2
MAY-1	2.9916	(1.1778)	55050503	2.1544	(.8482)	.3987	(.1570)	2.1743	(.8560)	.2608	(.1027)	MAY-1
2	3.1275	(1.2313)	46052603	2.5682	(1.0111)	.2963	(.1167)	2.4623	(.9694)	.3062	(.1205)	2
JUN-1	3.4308	(1.3507)	69061512	2.8429	(1.1193)	.2606	(.1026)	2.8059	(1.1047)	.2401	(.0945)	JUN-1
2	3.7353	(1.4706)	69062800	3.1600	(1.2441)	.3111	(.1225)	3.0054	(1.1832)	.3127	(.1231)	2
JUL-1	4.2052	(1.6556)	68070200	3.2707	(1.2877)	.3208	(.1263)	3.0975	(1.2195)	.3092	(.1217)	JUL-1
2	4.1021	(1.6150)	72072200	3.3573	(1.3218)	.3496	(.1376)	3.3089	(1.3027)	.3032	(.1194)	2
AUG-1	3.9690	(1.5626)	55081403	3.2296	(1.2715)	.3526	(.1388)	3.1404	(1.2364)	.2698	(.1062)	AUG-1
2	4.3127	(1.6979)	47082503	3.3520	(1.3197)	.3816	(.1502)	3.2018	(1.2606)	.3258	(.1283)	2
SEP-1	4.1526	(1.6349)	46091015	3.1789	(1.2515)	.4292	(.1690)	3.0261	(1.1914)	.4962	(.1954)	SEP-1
2	3.8031	(1.4973)	57092212	2.8942	(1.1395)	.4375	(.1722)	2.8591	(1.1256)	.4556	(.1794)	2
OCT-1	3.2565	(1.2821)	54101215	2.6530	(1.0445)	.4028	(.1586)	2.3874	(.9399)	.4814	(.1895)	OCT-1
2	2.9787	(1.1727)	54101703	2.3432	(.9225)	.3524	(.1387)	2.2859	(.9000)	.3833	(.1509)	2
NOV-1	3.2001	(1.2599)	66110312	2.0825	(.8199)	.5848	(.2302)	2.1421	(.8433)	.5010	(.1973)	NOV-1
2	2.5893	(1.0194)	54112103	1.8228	(.7176)	.4137	(.1629)	1.7980	(.7079)	.3528	(.1389)	2
DEC-1	2.5832	(1.0170)	66121112	1.6820	(.6622)	.4263	(.1678)	1.6952	(.6674)	.3770	(.1484)	DEC-1
2	2.3731	(.9343)	64122700	1.3964	(.5498)	.4439	(.1747)	1.3792	(.5430)	.3744	(.1474)	2
				SURFACE TO 850MB								
JAN-1	1.3216	(.5203)	50010415	.6904	(.2718)	.2628	(.1035)	.7646	(.3010)	.2574	(.1013)	JAN-1
2	1.4356	(.5652)	50012615	.7670	(.3020)	.2470	(.0973)	.7441	(.2929)	.2597	(.1022)	2
FEB-1	1.0925	(.4301)	66021112	.7367	(.2900)	.1874	(.0738)	.7478	(.2944)	.2150	(.0846)	FEB-1
2	1.1572	(.4556)	53022115	.6255	(.2463)	.2180	(.0858)	.6317	(.2487)	.2157	(.0849)	2
MAR-1	1.1722	(.4615)	46030715	.7070	(.2784)	.1894	(.0746)	.6853	(.2698)	.2051	(.0808)	MAR-1
2	1.2766	(.5026)	48032203	.8313	(.3273)	.2112	(.0832)	.8169	(.3216)	.2212	(.0871)	2
APR-1	1.3457	(.5298)	54040815	.9688	(.3814)	.2399	(.0944)	.9414	(.3706)	.2586	(.1018)	APR-1
2	1.4755	(.5809)	62042912	1.0335	(.4069)	.2145	(.0845)	1.0399	(.4094)	.1939	(.0763)	2
MAY-1	1.7259	(.6795)	55050503	1.2296	(.4841)	.2560	(.1008)	1.2577	(.4952)	.1995	(.0785)	MAY-1
2	1.8885	(.7435)	46052603	1.5027	(.5916)	.2072	(.0816)	1.4676	(.5778)	.2134	(.0840)	2
JUN-1	2.0676	(.8140)	69061512	1.7386	(.6845)	.1824	(.0718)	1.7110	(.6736)	.1788	(.0704)	JUN-1
2	2.5123	(.9891)	59063000	1.9783	(.7788)	.2327	(.0916)	1.8402	(.7245)	.1794	(.0706)	2
JUL-1	2.4966	(.9829)	68070200	2.0182	(.7945)	.1860	(.0732)	1.8958	(.7464)	.1876	(.0739)	JUL-1
2	2.3627	(.9302)	69073000	2.0760	(.8173)	.1893	(.0745)	2.0158	(.7936)	.1702	(.0670)	2
AUG-1	2.6025	(1.0246)	55081503	2.0115	(.7919)	.2456	(.0967)	1.9239	(.7574)	.1727	(.0680)	AUG-1
2	2.7201	(1.0709)	47082503	2.0585	(.8104)	.2468	(.0972)	1.9807	(.7798)	.1839	(.0724)	2
SEP-1	2.4404	(.9608)	46091015	1.9680	(.7748)	.2421	(.0953)	1.8515	(.7289)	.2425	(.0955)	SEP-1
2	2.2443	(.8836)	57092212	1.7669	(.6956)	.2854	(.1124)	1.7314	(.6817)	.2911	(.1146)	2
OCT-1	2.0493	(.8068)	59100100	1.5881	(.6253)	.2487	(.0979)	1.4718	(.5794)	.2840	(.1118)	OCT-1
2	1.9522	(.7686)	54101603	1.4114	(.5557)	.2338	(.0921)	1.3723	(.5403)	.2218	(.0873)	2
NOV-1	1.7998	(.7086)	66110312	1.2414	(.4887)	.3293	(.1297)	1.2540	(.4937)	.3190	(.1256)	NOV-1
2	1.5052	(.5926)	53112303	1.0584	(.4167)	.2232	(.0879)	1.0517	(.4141)	.2050	(.0807)	2
DEC-1	1.4704	(.5789)	66121112	.9278	(.3653)	.2666	(.1050)	.9486	(.3735)	.2401	(.0945)	DEC-1
2	1.4684	(.5781)	64122700	.7619	(.3000)	.2841	(.1119)	.7811	(.3075)	.2517	(.0991)	2

RAPID CITY, N.D. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.6810	(.6618)	69011512	1.0321	(.4063)	.2096	(.0825)	.9503	(.3741)	.2178	(.0857)	JAN-1
2	1.5672	(.6170)	68012400	1.0273	(.4045)	.2183	(.0860)	.9966	(.3924)	.1927	(.0758)	2
FEB-1	1.5715	(.6187)	62021200	1.0284	(.4049)	.2002	(.0788)	1.0155	(.3998)	.1912	(.0753)	FEB-1
2	1.3543	(.5332)	48022715	.9969	(.3925)	.2068	(.0814)	.9731	(.3831)	.1952	(.0768)	2
MAR-1	1.5451	(.6083)	54031003	.9782	(.3851)	.2287	(.0900)	.9690	(.3815)	.1657	(.0652)	MAR-1
2	1.6942	(.6670)	46032103	1.1644	(.4584)	.2274	(.0895)	1.1754	(.4627)	.2042	(.0804)	2
APR-1	1.8344	(.7222)	69041300	1.3705	(.5396)	.2305	(.0907)	1.3535	(.5329)	.1710	(.0673)	APR-1
2	2.2090	(.8697)	71042012	1.6101	(.6339)	.2774	(.1092)	1.6484	(.6490)	.2571	(.1012)	2
MAY-1	2.3376	(.9203)	51051303	1.8471	(.7272)	.2488	(.0979)	1.8084	(.7120)	.1678	(.0661)	MAY-1
2	3.1966	(1.2585)	53052903	2.3417	(.9219)	.3437	(.1353)	2.2545	(.8876)	.2924	(.1151)	2
JUN-1	3.7498	(1.4763)	53061203	2.7919	(1.0992)	.4036	(.1589)	2.6149	(1.0295)	.2731	(.1075)	JUN-1
2	3.4239	(1.3480)	54062715	2.8176	(1.1093)	.2748	(.1082)	2.6799	(1.0551)	.3090	(.1217)	2
JUL-1	4.1575	(1.6368)	66070200	3.2226	(1.2688)	.3603	(.1418)	2.9312	(1.1540)	.3323	(.1308)	JUL-1
2	4.5829	(1.8043)	72072500	3.2577	(1.2825)	.6102	(.2402)	3.2379	(1.2748)	.4581	(.1804)	2
AUG-1	4.7168	(1.8570)	53080203	3.2420	(1.2764)	.5620	(.2212)	3.1456	(1.2384)	.3914	(.1541)	AUG-1
2	3.7470	(1.4752)	55081915	2.8503	(1.1222)	.3558	(.1401)	2.8645	(1.1278)	.4290	(.1689)	2
SEP-1	3.3373	(1.3139)	53090203	2.5844	(1.0175)	.4142	(.1631)	2.4353	(.9588)	.3467	(.1365)	SEP-1
2	3.0577	(1.2038)	63091900	2.1504	(.8466)	.4446	(.1750)	2.0528	(.8082)	.3323	(.1308)	2
OCT-1	2.6246	(1.0333)	72100512	1.8133	(.7139)	.3292	(.1296)	1.8277	(.7196)	.3886	(.1530)	OCT-1
2	2.3800	(.9370)	63102012	1.5493	(.6099)	.2968	(.1168)	1.5635	(.6155)	.2968	(.1168)	2
NOV-1	1.7869	(.7035)	64110100	1.3197	(.5196)	.1928	(.0759)	1.3202	(.5198)	.1355	(.0534)	NOV-1
2	1.7247	(.6790)	65111800	1.2072	(.4753)	.1737	(.0684)	1.1940	(.4701)	.1763	(.0694)	2
DEC-1	1.5263	(.6009)	46120715	1.0666	(.4199)	.1458	(.0574)	1.0841	(.4268)	.2119	(.0834)	DEC-1
2	1.7163	(.6757)	64122312	1.0949	(.4310)	.2169	(.0854)	1.1243	(.4426)	.2359	(.0929)	2
				SURFACE TO 700MB								
JAN-1	.9947	(.3916)	69011512	.6301	(.2481)	.1078	(.0424)	.5895	(.2321)	.1271	(.0500)	JAN-1
2	.9042	(.3560)	68012412	.6326	(.2491)	.1213	(.0477)	.6077	(.2393)	.1227	(.0483)	2
FEB-1	.8933	(.3517)	62020300	.6285	(.2474)	.1042	(.0410)	.6212	(.2446)	.1228	(.0483)	FEB-1
2	.8385	(.3301)	50021715	.6330	(.2492)	.1158	(.0456)	.6025	(.2372)	.1222	(.0481)	2
MAR-1	.8984	(.3537)	54031003	.6444	(.2537)	.1251	(.0493)	.6132	(.2414)	.1017	(.0400)	MAR-1
2	.9375	(.3691)	46032103	.7435	(.2927)	.1148	(.0452)	.7285	(.2868)	.1269	(.0500)	2
APR-1	1.1519	(.4535)	69041500	.8656	(.3408)	.1443	(.0568)	.8376	(.3297)	.1234	(.0486)	APR-1
2	1.4610	(.5752)	71041900	1.0437	(.4109)	.1734	(.0683)	1.0254	(.4037)	.1787	(.0703)	2
MAY-1	1.5182	(.5977)	51051303	1.2083	(.4757)	.1627	(.0640)	1.1919	(.4692)	.1329	(.0523)	MAY-1
2	2.0147	(.7932)	53052903	1.5291	(.6020)	.2132	(.0839)	1.4596	(.5747)	.1738	(.0684)	2
JUN-1	2.7523	(1.0836)	53061203	1.8861	(.7426)	.2798	(.1101)	1.7461	(.6875)	.1802	(.0710)	JUN-1
2	2.2032	(.8674)	54062603	1.8904	(.7442)	.2277	(.0897)	1.7525	(.6899)	.1972	(.0776)	2
JUL-1	2.5517	(1.0046)	63070300	2.0792	(.8186)	.2432	(.0957)	1.9751	(.7776)	.2316	(.0912)	JUL-1
2	2.9169	(1.1484)	51072915	2.0639	(.8126)	.3471	(.1366)	2.0891	(.8225)	.2903	(.1143)	2
AUG-1	2.9545	(1.1632)	70080700	2.0007	(.7877)	.3295	(.1297)	1.9780	(.7787)	.2835	(.1116)	AUG-1
2	2.5192	(.9918)	54083003	1.8463	(.7269)	.2923	(.1151)	1.8296	(.7203)	.2735	(.1077)	2
SEP-1	2.0404	(.8033)	53090203	1.6329	(.6429)	.2451	(.0965)	1.5418	(.6070)	.2258	(.0889)	SEP-1
2	1.8509	(.7287)	63091912	1.3735	(.5408)	.2718	(.1070)	1.3025	(.5128)	.2590	(.1020)	2
OCT-1	1.6647	(.6554)	62100600	1.1445	(.4506)	.2277	(.0896)	1.1652	(.4587)	.2299	(.0905)	OCT-1
2	1.4986	(.5900)	63102012	.9940	(.3914)	.2259	(.0890)	.9585	(.3774)	.1918	(.0755)	2
NOV-1	1.1255	(.4431)	64110100	.8001	(.3150)	.1306	(.0514)	.7997	(.3149)	.1066	(.0420)	NOV-1
2	1.0340	(.4071)	65111800	.7335	(.2888)	.0978	(.0385)	.7218	(.2842)	.1056	(.0416)	2
DEC-1	.9065	(.3569)	46120715	.6491	(.2555)	.0795	(.0313)	.6522	(.2568)	.1019	(.0401)	DEC-1
2	.9271	(.3650)	64122312	.6520	(.2567)	.1199	(.0472)	.6678	(.2629)	.1175	(.0463)	2
				SURFACE TO 850MB								
JAN-1	.2357	(.0928)	65011500	.1781	(.0701)	.0320	(.0126)	.1658	(.0653)	.0325	(.0128)	JAN-1
2	.2822	(.1111)	65011612	.1819	(.0716)	.0444	(.0175)	.1708	(.0673)	.0419	(.0165)	2
FEB-1	.2781	(.1095)	62020300	.1881	(.0741)	.0392	(.0154)	.1755	(.0691)	.0426	(.0168)	FEB-1
2	.2667	(.1050)	65021900	.1881	(.0741)	.0371	(.0146)	.1775	(.0699)	.0356	(.0140)	2
MAR-1	.3165	(.1246)	72031300	.1890	(.0744)	.0411	(.0162)	.1708	(.0673)	.0351	(.0138)	MAR-1
2	.3393	(.1336)	60032100	.2232	(.0879)	.0416	(.0164)	.2093	(.0824)	.0333	(.0131)	2
APR-1	.3569	(.1405)	69041300	.2482	(.0977)	.0389	(.0153)	.2414	(.0950)	.0344	(.0136)	APR-1
2	.4798	(.1889)	57042215	.3045	(.1199)	.0515	(.0203)	.2998	(.1180)	.0668	(.0263)	2
MAY-1	.5055	(.1990)	57050403	.3625	(.1427)	.0590	(.0232)	.3655	(.1439)	.0575	(.0226)	MAY-1
2	.6439	(.2535)	66052800	.4771	(.1878)	.0678	(.0267)	.4561	(.1796)	.0689	(.0271)	2
JUN-1	1.0419	(.4102)	53061203	.5997	(.2361)	.1177	(.0463)	.5668	(.2231)	.0945	(.0372)	JUN-1
2	.7833	(.3084)	53063003	.6087	(.2396)	.0965	(.0380)	.5665	(.2230)	.0562	(.0221)	2
JUL-1	.8659	(.3409)	53070103	.6869	(.2704)	.0986	(.0388)	.6818	(.2684)	.0910	(.0358)	JUL-1
2	.8562	(.3371)	51072915	.6758	(.2661)	.1065	(.0419)	.6865	(.2703)	.0908	(.0357)	2
AUG-1	.8242	(.3245)	70080512	.6392	(.2516)	.0959	(.0378)	.6463	(.2544)	.0849	(.0334)	AUG-1
2	.9601	(.3780)	54083003	.6107	(.2404)	.1141	(.0449)	.6173	(.2430)	.0950	(.0374)	2
SEP-1	.6721	(.2646)	53090203	.5057	(.1991)	.0758	(.0298)	.5070	(.1996)	.0784	(.0309)	SEP-1
2	.5911	(.2327)	63092000	.4235	(.1667)	.0957	(.0377)	.4159	(.1637)	.0854	(.0336)	2
OCT-1	.4892	(.1926)	55100303	.3431	(.1351)	.0685	(.0270)	.3473	(.1367)	.0648	(.0255)	OCT-1
2	.4577	(.1802)	63102012	.2930	(.1154)	.0555	(.0219)	.2826	(.1112)	.0566	(.0223)	2
NOV-1	.3508	(.1381)	62110300	.2453	(.0966)	.0421	(.0166)	.2415	(.0951)	.0341	(.0134)	NOV-1
2	.2946	(.1160)	54112215	.2108	(.0830)	.0347	(.0136)	.2095	(.0825)	.0339	(.0133)	2
DEC-1	.2517	(.0991)	46120715	.1860	(.0732)	.0271	(.0107)	.1800	(.0709)	.0344	(.0135)	DEC-1
2	.2530	(.0996)	57121700	.1898	(.0747)	.0379	(.0149)	.1856	(.0731)	.0311	(.0123)	2

ST. CLOUD, MINN. 26 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.6218	(.6385)	48010815	1.1662	(.4591)	.2317	(.0912)	1.1537	(.4542)	.2059	(.0811)	JAN-1
2	1.9868	(.7822)	69011600	1.1168	(.4397)	.3622	(.1426)	1.0450	(.4114)	.2376	(.0935)	2
FEB-1	1.7358	(.6834)	62021212	1.1678	(.4598)	.2966	(.1168)	1.1670	(.4595)	.3060	(.1205)	FEB-1
2	2.0719	(.8157)	51022503	1.1464	(.4514)	.3354	(.1320)	1.1423	(.4497)	.3424	(.1348)	2
MAR-1	2.1519	(.8472)	70030312	1.2505	(.4923)	.3131	(.1233)	1.2485	(.4915)	.3473	(.1367)	MAR-1
2	2.3574	(.9281)	48032603	1.5101	(.5945)	.4039	(.1590)	1.5401	(.6063)	.4060	(.1598)	2
APR-1	3.0170	(1.1878)	63040212	1.7531	(.6902)	.4777	(.1881)	1.8586	(.7317)	.4476	(.1762)	APR-1
2	3.3043	(1.3009)	60042312	2.3107	(.9097)	.4588	(.1806)	2.2996	(.9054)	.4328	(.1704)	2
MAY-1	3.8824	(1.5285)	49050503	2.6411	(1.0398)	.5624	(.2214)	2.6741	(1.0528)	.5085	(.2002)	MAY-1
2	4.1793	(1.6454)	65052500	2.9074	(1.1446)	.6558	(.2582)	3.1162	(1.2269)	.4032	(.1587)	2
JUN-1	4.9192	(1.9367)	52061303	3.5798	(1.4094)	.4371	(.1721)	3.4474	(1.3572)	.2517	(.0991)	JUN-1
2	5.3073	(2.0895)	52061603	3.7605	(1.4805)	.6050	(.2382)	3.7762	(1.4867)	.4176	(.1644)	2
JUL-1	4.7945	(1.8876)	49070615	4.1768	(1.6444)	.3480	(.1370)	3.9698	(1.5629)	.5027	(.1979)	JUL-1
2	5.2342	(2.0607)	55073003	4.1041	(1.6158)	.6097	(.2401)	4.1078	(1.6173)	.4221	(.1662)	2
AUG-1	5.7188	(2.2515)	58080500	4.0871	(1.6091)	.7111	(.2800)	4.0917	(1.6109)	.4700	(.1850)	AUG-1
2	5.9339	(2.3362)	59082112	3.9406	(1.5514)	.5739	(.2259)	4.0351	(1.5886)	.6648	(.2617)	2
SEP-1	5.1808	(2.0397)	53090203	3.8051	(1.4981)	.6104	(.2403)	3.6538	(1.4385)	.4888	(.1924)	SEP-1
2	4.6878	(1.8456)	47091915	3.2481	(1.2788)	.6498	(.2558)	3.1663	(1.2466)	.6675	(.2628)	2
OCT-1	3.9563	(1.5576)	50100103	2.7487	(1.0822)	.5783	(.2277)	2.6487	(1.0428)	.5432	(.2139)	OCT-1
2	3.7231	(1.4658)	71101900	2.4156	(.9510)	.5461	(.2150)	2.2923	(.9025)	.6197	(.2440)	2
NOV-1	2.8859	(1.1362)	56110315	1.7051	(.6713)	.3833	(.1509)	1.7740	(.6984)	.3584	(.1411)	NOV-1
2	3.0208	(1.1893)	58111800	1.6014	(.6305)	.4347	(.1711)	1.5168	(.5972)	.4480	(.1764)	2
DEC-1	2.4046	(.9467)	51120315	1.3777	(.5424)	.3848	(.1515)	1.3401	(.5276)	.3716	(.1463)	DEC-1
2	2.2898	(.9015)	67121712	1.2824	(.5049)	.3478	(.1369)	1.3454	(.5297)	.3604	(.1419)	2
				SURFACE TO 700MB								
JAN-1	1.0546	(.4152)	49010415	.7944	(.3127)	.1448	(.0570)	.7793	(.3068)	.1407	(.0554)	JAN-1
2	1.3338	(.5251)	68012900	.7570	(.2980)	.2166	(.0853)	.6921	(.2725)	.1508	(.0594)	2
FEB-1	1.2177	(.4794)	62020400	.8082	(.3182)	.2097	(.0826)	.8097	(.3188)	.2067	(.0814)	FEB-1
2	1.4536	(.5723)	51022503	.8256	(.3250)	.2119	(.0834)	.8104	(.3190)	.2298	(.0905)	2
MAR-1	1.4592	(.5745)	70030312	.8906	(.3506)	.2491	(.0981)	.8805	(.3466)	.2540	(.1000)	MAR-1
2	1.7638	(.6944)	68031900	1.1238	(.4416)	.3155	(.1242)	1.1224	(.4419)	.3113	(.1226)	2
APR-1	2.1862	(.8607)	63040300	1.2841	(.5055)	.3439	(.1354)	1.3249	(.5216)	.3365	(.1325)	APR-1
2	2.5954	(1.0218)	57042003	1.7798	(.7007)	.4191	(.1650)	1.6835	(.6628)	.3156	(.1242)	2
MAY-1	3.0838	(1.2141)	49050503	2.0468	(.8058)	.4650	(.1831)	1.9246	(.7577)	.3623	(.1426)	MAY-1
2	3.1605	(1.2443)	65052500	2.1935	(.8636)	.5443	(.2143)	2.3416	(.9219)	.2969	(.1169)	2
JUN-1	3.6124	(1.4222)	47061003	2.7640	(1.0882)	.4007	(.1578)	2.5955	(1.0218)	.2925	(.1151)	JUN-1
2	4.0790	(1.6059)	52061603	2.9079	(1.1448)	.4606	(.1814)	2.8780	(1.1331)	.3341	(.1315)	2
JUL-1	3.7777	(1.4873)	55070303	3.2220	(1.2685)	.2722	(.1072)	3.0035	(1.1825)	.3584	(.1411)	JUL-1
2	3.9187	(1.5428)	55073003	3.1519	(1.2409)	.4378	(.1724)	3.0945	(1.2183)	.3147	(.1239)	2
AUG-1	3.9560	(1.5575)	55080203	3.0071	(1.1839)	.4170	(.1642)	3.0206	(1.1892)	.3106	(.1223)	AUG-1
2	3.9507	(1.5554)	59082112	2.9779	(1.1724)	.4181	(.1646)	2.9693	(1.1690)	.3958	(.1558)	2
SEP-1	3.9980	(1.5740)	53090203	2.8489	(1.1216)	.5157	(.2030)	2.6897	(1.0589)	.3832	(.1509)	SEP-1
2	3.4823	(1.3710)	72092012	2.3985	(.9443)	.5032	(.1981)	2.3849	(.9389)	.5560	(.2189)	2
OCT-1	3.0566	(1.2034)	50100103	2.0202	(.7953)	.4620	(.1819)	2.0718	(.8157)	.4425	(.1742)	OCT-1
2	2.8572	(1.1249)	71101900	1.7843	(.7025)	.4419	(.1740)	1.6983	(.6686)	.4245	(.1671)	2
NOV-1	2.0930	(.8240)	56110315	1.2469	(.4909)	.2801	(.1103)	1.2988	(.5113)	.2706	(.1065)	NOV-1
2	1.9286	(.7593)	58111800	1.1165	(.4396)	.2917	(.1148)	1.0844	(.4269)	.3072	(.1210)	2
DEC-1	1.8420	(.7252)	51120315	.9946	(.3916)	.2844	(.1120)	.9483	(.3734)	.2703	(.1064)	DEC-1
2	1.6231	(.6390)	59122700	.8963	(.3529)	.2282	(.0899)	.8997	(.3542)	.2252	(.0887)	2
				SURFACE TO 850MB								
JAN-1	.4836	(.1904)	60011400	.3707	(.1459)	.0628	(.0247)	.3768	(.1484)	.0627	(.0247)	JAN-1
2	.5446	(.2144)	68012900	.3502	(.1379)	.0848	(.0334)	.3381	(.1331)	.0844	(.0332)	2
FEB-1	.7102	(.2796)	66020912	.4027	(.1586)	.0996	(.0392)	.3953	(.1556)	.1131	(.0445)	FEB-1
2	.6373	(.2509)	58022612	.4073	(.1604)	.0926	(.0365)	.4064	(.1600)	.1139	(.0449)	2
MAR-1	.7158	(.2818)	66031200	.4539	(.1787)	.1129	(.0444)	.4327	(.1704)	.1203	(.0474)	MAR-1
2	.9014	(.3549)	67033012	.5990	(.2358)	.1768	(.0696)	.5622	(.2213)	.1653	(.0651)	2
APR-1	1.1961	(.4709)	63040200	.6435	(.2533)	.1640	(.0646)	.6507	(.2562)	.1843	(.0726)	APR-1
2	1.2931	(.5091)	57042003	.8904	(.3505)	.2255	(.0888)	.8385	(.3301)	.1981	(.0780)	2
MAY-1	1.6271	(.6406)	49050503	1.0398	(.4094)	.2729	(.1075)	1.0112	(.3981)	.2108	(.0830)	MAY-1
2	1.6629	(.6547)	53053003	1.1951	(.4705)	.3080	(.1213)	1.2305	(.4845)	.1626	(.0640)	2
JUN-1	1.8425	(.7254)	52061303	1.4778	(.5818)	.1981	(.0780)	1.4109	(.5555)	.1746	(.0687)	JUN-1
2	2.1295	(.8384)	53061903	1.5891	(.6256)	.2193	(.0864)	1.5869	(.6248)	.2016	(.0794)	2
JUL-1	2.2169	(.8728)	54071203	1.8264	(.7191)	.1715	(.0675)	1.6829	(.6626)	.1839	(.0724)	JUL-1
2	2.1123	(.8316)	55073103	1.7672	(.6958)	.2334	(.0919)	1.7163	(.6757)	.1947	(.0766)	2
AUG-1	2.3205	(.9136)	55080203	1.6934	(.6667)	.2331	(.0918)	1.6608	(.6539)	.1867	(.0735)	AUG-1
2	2.1902	(.8623)	72082100	1.7093	(.6730)	.2499	(.0984)	1.6459	(.6480)	.1973	(.0777)	2
SEP-1	2.1237	(.8361)	53090203	1.5430	(.6075)	.2832	(.1115)	1.4545	(.5726)	.2437	(.0960)	SEP-1
2	1.9317	(.7605)	72092000	1.2915	(.5084)	.2863	(.1127)	1.3002	(.5119)	.3122	(.1229)	2
OCT-1	1.6805	(.6616)	62101412	1.1301	(.4449)	.2544	(.1002)	1.1250	(.4429)	.2456	(.0967)	OCT-1
2	1.4590	(.5744)	71101900	.9665	(.3805)	.2558	(.1007)	.9229	(.3633)	.2350	(.0925)	2
NOV-1	1.1146	(.4388)	56110315	.6610	(.2603)	.1642	(.0646)	.6854	(.2698)	.1670	(.0657)	NOV-1
2	.9395	(.3699)	52111803	.5700	(.2244)	.1594	(.0628)	.5385	(.2120)	.1509	(.0594)	2
DEC-1	.8992	(.3540)	51120315	.4804	(.1891)	.1462	(.0576)	.4670	(.1838)	.1513	(.0596)	DEC-1
2	.8120	(.3197)	59122700	.4308	(.1696)	.1089	(.0429)	.4116	(.1621)	.0963	(.0379)	2

SALEM, ILL. 4 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.4061	(.9473)	71011312	1.6850	(.6634)	.6046	(.2380)	1.6957	(.6676)	.6472	(.2548)	JAN-1
2	2.4877	(.9794)	70012900	1.9325	(.7608)	.6911	(.2721)	1.6245	(.6396)	.1369	(.0539)	2
FEB-1	2.7564	(1.0852)	71020500	1.8837	(.7416)	.8154	(.3210)	2.0400	(.8031)	.4833	(.1903)	FEB-1
2	2.5885	(1.0191)	71021912	1.9472	(.7666)	.5501	(.2166)	2.1186	(.8341)	.6180	(.2433)	2
MAR-1	2.8809	(1.1342)	70030312	2.2498	(.8858)	.0993	(.0391)	2.4972	(.9831)	.3725	(.1467)	MAR-1
2	2.8260	(1.1126)	70032600	2.3446	(.9231)	.5655	(.2226)	1.9079	(.7511)	.5696	(.2242)	2
APR-1	3.1521	(1.2410)	72041212	2.3929	(.9421)	.7721	(.3040)	2.5475	(1.0030)	.6405	(.2522)	APR-1
2	3.5232	(1.3871)	70041912	3.0688	(1.2082)	.3874	(.1525)	3.0297	(1.1928)	.5683	(.2237)	2
MAY-1	3.8169	(1.5027)	70050100	3.1175	(1.2274)	.6063	(.2387)	3.2619	(1.2842)	.2093	(.0824)	MAY-1
2	3.7066	(1.4593)	70053000	3.5453	(1.3958)	.1399	(.0551)	3.2410	(1.2760)	.3473	(.1367)	2
JUN-1	4.5738	(1.8007)	72061312	4.2599	(1.6771)	.3006	(.1183)	4.2473	(1.6722)	.2847	(.1121)	JUN-1
2	4.9997	(1.9684)	70061600	4.0915	(1.6108)	.9326	(.3671)	4.0928	(1.6113)	.5165	(.2034)	2
JUL-1	5.1044	(2.0096)	69071012	4.1714	(1.6423)	.7485	(.2947)	4.6979	(1.8495)	.3799	(.1496)	JUL-1
2	5.2146	(2.0530)	69072012	4.8651	(1.9154)	.2468	(.0972)	4.6000	(1.8110)	.6815	(.2683)	2
AUG-1	5.4493	(2.1454)	70080812	4.6388	(1.8263)	.6619	(.2606)	4.8215	(1.8982)	.6055	(.2384)	AUG-1
2	5.3426	(2.1034)	69082100	4.6074	(1.8139)	.6675	(.2628)	4.5432	(1.7887)	.4917	(.1936)	2
SEP-1	4.9093	(1.9328)	70090812	4.2904	(1.6891)	.4506	(.1774)	4.6265	(1.8215)	.2355	(.0927)	SEP-1
2	4.9085	(1.9325)	70091812	4.2722	(1.6819)	.3108	(.1224)	4.3045	(1.6947)	.4604	(.1812)	2
OCT-1	4.2530	(1.6744)	69101312	3.3803	(1.3308)	.4975	(.1959)	3.5657	(1.4038)	.4753	(.1871)	OCT-1
2	3.6606	(1.4412)	71101800	3.3157	(1.3054)	.3685	(.1451)	3.2977	(1.2983)	.3734	(.1470)	2
NOV-1	3.7958	(1.4944)	72110112	2.5535	(1.0053)	.8380	(.3299)	2.7397	(1.0786)	.7319	(.2882)	NOV-1
2	3.0698	(1.2086)	71111812	2.1513	(.8470)	.5426	(.2136)	2.6638	(1.0487)	.5676	(.2234)	2
DEC-1	3.5319	(1.3905)	71121012	2.3914	(.9415)	.4100	(.1614)	2.7139	(1.0685)	.6150	(.2421)	DEC-1
2	2.9875	(1.1762)	71123000	2.4611	(.9689)	.5646	(.2223)	2.1688	(.8539)	.5770	(.2272)	2
				SURFACE TO 700MB								
JAN-1	1.9047	(.7499)	71011400	1.3027	(.5129)	.5413	(.2131)	1.2990	(.5114)	.3792	(.1493)	JAN-1
2	2.1206	(.8349)	70012900	1.5486	(.6097)	.6220	(.2449)	1.2775	(.5029)	.1996	(.0786)	2
FEB-1	2.0848	(.8208)	71020412	1.3986	(.5506)	.4920	(.1937)	1.5793	(.6218)	.4520	(.1780)	FEB-1
2	1.9454	(.7659)	71021912	1.6212	(.6383)	.3015	(.1187)	1.5134	(.5958)	.5174	(.2037)	2
MAR-1	2.2047	(.8680)	72030200	2.0833	(.8202)	.1084	(.0427)	1.8865	(.7427)	.2846	(.1121)	MAR-1
2	1.9741	(.7772)	70032600	1.7911	(.7052)	.3029	(.1193)	1.4800	(.5827)	.3912	(.1540)	2
APR-1	2.8141	(1.1079)	72041212	1.9508	(.7680)	.7293	(.2871)	2.0599	(.8110)	.6788	(.2673)	APR-1
2	2.8760	(1.1323)	70042812	2.4012	(.9454)	.3378	(.1330)	2.3525	(.9262)	.4928	(.1940)	2
MAY-1	3.0137	(1.1865)	70051212	2.5602	(1.0080)	.3896	(.1534)	2.6286	(1.0349)	.3362	(.1324)	MAY-1
2	2.9058	(1.1440)	70053000	2.6924	(1.0600)	.2029	(.0799)	2.6011	(1.0241)	.2296	(.0904)	2
JUN-1	3.4834	(1.3714)	72061312	3.0702	(1.2087)	.0071	(.0028)	3.2787	(1.2908)	.1802	(.0709)	JUN-1
2	3.9182	(1.5426)	69062712	3.1217	(1.2290)	.4725	(.1860)	3.3689	(1.3263)	.3723	(.1466)	2
JUL-1	3.8212	(1.5044)	69070912	3.1522	(1.2410)	.3361	(.1323)	3.6232	(1.4264)	.1462	(.0576)	JUL-1
2	3.8423	(1.5127)	69072012	3.5543	(1.3993)	.2204	(.0868)	3.5962	(1.4158)	.1749	(.0689)	2
AUG-1	4.1112	(1.6186)	70080312	3.5233	(1.3871)	.3550	(.1398)	3.6446	(1.4349)	.4349	(.1712)	AUG-1
2	3.8705	(1.5238)	72082000	3.5206	(1.3860)	.3915	(.1541)	3.4539	(1.3598)	.3609	(.1421)	2
SEP-1	3.7142	(1.4623)	70091312	3.2845	(1.2931)	.2931	(.1154)	3.4510	(1.3586)	.2468	(.0972)	SEP-1
2	3.6863	(1.4513)	70092000	3.2683	(1.2867)	.2913	(.1147)	3.2555	(1.2817)	.1778	(.0700)	2
OCT-1	3.3172	(1.3060)	69101312	2.6325	(1.0364)	.2529	(.0996)	2.8809	(1.1342)	.3295	(.1297)	OCT-1
2	2.8781	(1.1331)	71101800	2.4553	(.9666)	.3959	(.1559)	2.3799	(.9369)	.3073	(.1210)	2
NOV-1	2.7437	(1.0802)	72110200	2.1135	(.8321)	.5063	(.1993)	2.1551	(.8485)	.3317	(.1306)	NOV-1
2	2.3310	(.9177)	71111812	1.8931	(.7453)	.5301	(.2087)	1.9859	(.7818)	.5263	(.2072)	2
DEC-1	2.6416	(1.0400)	71121012	1.7612	(.6934)	.3687	(.1451)	1.9808	(.7798)	.5691	(.2241)	DEC-1
2	2.2769	(.8964)	72123012	1.7581	(.6921)	.4642	(.1828)	1.7318	(.6818)	.3909	(.1539)	2
				SURFACE TO 850MB								
JAN-1	1.1278	(.4440)	71011400	.7590	(.2988)	.3394	(.1336)	.6666	(.2624)	.2059	(.0810)	JAN-1
2	1.2355	(.4864)	70012900	.9187	(.3617)	.3312	(.1304)	.8877	(.3495)	.2670	(.1051)	2
FEB-1	1.0465	(.4120)	71020500	.7652	(.3013)	.2516	(.0991)	.8195	(.3226)	.2186	(.0861)	FEB-1
2	1.1623	(.4576)	71022700	.9638	(.3794)	.1829	(.0720)	.8393	(.3304)	.2048	(.0806)	2
MAR-1	1.3216	(.5203)	72030200	1.2832	(.5052)	.0375	(.0148)	1.1632	(.4580)	.1659	(.0653)	MAR-1
2	1.0269	(.4043)	72032800	.9094	(.3580)	.1944	(.0765)	.8259	(.3252)	.0699	(.0275)	2
APR-1	1.6952	(.6674)	72041212	1.1348	(.4468)	.3981	(.1567)	1.1379	(.4480)	.4983	(.1962)	APR-1
2	1.9431	(.7650)	70043000	1.5114	(.5950)	.4027	(.1586)	1.4675	(.5778)	.3225	(.1270)	2
MAY-1	1.9294	(.7596)	70051400	1.5543	(.6119)	.3249	(.1279)	1.5834	(.6234)	.2329	(.0917)	MAY-1
2	1.7678	(.6960)	70053000	1.5637	(.6156)	.1846	(.0727)	1.4884	(.5860)	.1891	(.0745)	2
JUN-1	2.3409	(.9216)	70061412	1.8457	(.7267)	.1257	(.0495)	2.0835	(.8203)	.2243	(.0883)	JUN-1
2	2.1623	(.8513)	70061600	1.8205	(.7167)	.3535	(.1392)	1.9898	(.7834)	.1683	(.0662)	2
JUL-1	2.2339	(.8795)	69070912	1.8810	(.7405)	.0609	(.0240)	2.1688	(.8539)	.0448	(.0177)	JUL-1
2	2.3226	(.9144)	72072100	2.0817	(.8196)	.2316	(.0912)	2.1223	(.8355)	.0621	(.0244)	2
AUG-1	2.2497	(.8857)	72081512	2.0534	(.8084)	.0626	(.0247)	2.0798	(.8188)	.1943	(.0765)	AUG-1
2	2.4653	(.9706)	72082000	2.1308	(.8389)	.2667	(.1050)	2.1325	(.8396)	.0774	(.0305)	2
SEP-1	2.2878	(.9007)	70090612	1.9973	(.7863)	.1156	(.0455)	2.0876	(.8219)	.1600	(.0630)	SEP-1
2	2.2469	(.8846)	72091912	1.9289	(.7594)	.1690	(.0665)	1.9722	(.7765)	.2441	(.0961)	2
OCT-1	1.8522	(.7292)	69101212	1.5686	(.6176)	.1126	(.0443)	1.6749	(.6594)	.1489	(.0586)	OCT-1
2	1.6894	(.6651)	71101812	1.3559	(.5338)	.2847	(.1121)	1.3843	(.5450)	.2081	(.0819)	2
NOV-1	1.5100	(.5945)	72110112	1.2365	(.4868)	.2574	(.1013)	1.2257	(.4826)	.2373	(.0934)	NOV-1
2	1.3411	(.5280)	70113012	1.0867	(.4278)	.3569	(.1405)	1.1203	(.4411)	.3384	(.1332)	2
DEC-1	1.3807	(.5436)	71121500	1.0543	(.4151)	.3725	(.1467)	1.0656	(.4195)	.3544	(.1395)	DEC-1
2	1.1935	(.4699)	71122712	.9326	(.3671)	.2008	(.0791)	.9877	(.3888)	.2018	(.0794)	2

SALEM, ORE. 17 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED					MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z)				12Z(15Z)				MONTH
	MAXIMUM		DATE	MEAN		SD		MEAN		SD		
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
				SURFACE TO 400MB								
JAN-1	3.0066	(1.1837)	69010500	2.2317	(.8786)	.3926	(.1546)	2.1805	(.8585)	.3216	(.1266)	JAN-1
2	3.1234	(1.2297)	71011700	2.2546	(.8876)	.5551	(.2185)	2.1227	(.8357)	.4383	(.1726)	2
FEB-1	2.8268	(1.1129)	71021000	2.1372	(.8414)	.3790	(.1492)	2.0673	(.8139)	.3923	(.1544)	FEB-1
2	2.7424	(1.0797)	63029900	1.9936	(.7849)	.4949	(.1948)	1.9640	(.7732)	.5456	(.2148)	2
MAR-1	2.9947	(1.1790)	68030412	1.9940	(.7851)	.4289	(.1688)	1.9837	(.7810)	.5039	(.1984)	MAR-1
2	2.4620	(.9693)	68032812	1.9188	(.7554)	.2774	(.1092)	1.9734	(.7769)	.2980	(.1173)	2
APR-1	2.7617	(1.0873)	61049900	2.1053	(.8289)	.4258	(.1676)	2.1128	(.8318)	.3321	(.1308)	APR-1
2	2.7018	(1.0637)	65041912	1.9462	(.7662)	.3865	(.1522)	2.0026	(.7884)	.3694	(.1454)	2
MAY-1	2.9192	(1.1493)	57059912	2.1088	(.8302)	.4007	(.1578)	2.2408	(.8822)	.2994	(.1179)	MAY-1
2	3.5121	(1.3827)	58059900	2.4371	(.9595)	.4703	(.1852)	2.4829	(.9775)	.4477	(.1763)	2
JUN-1	3.7290	(1.4681)	68060112	2.7825	(1.0955)	.5077	(.1999)	2.8192	(1.1099)	.4357	(.1715)	JUN-1
2	3.4877	(1.3731)	58069900	2.7305	(1.0750)	.3902	(.1536)	2.8301	(1.1142)	.4547	(.1790)	2
JUL-1	4.1072	(1.6170)	72071300	2.7220	(1.0717)	.4968	(.1956)	2.7659	(1.0889)	.3410	(.1342)	JUL-1
2	3.6441	(1.4347)	70072612	2.6501	(1.0433)	.4504	(.1773)	2.8287	(1.1137)	.4803	(.1891)	2
AUG-1	3.8603	(1.5198)	71080100	2.9547	(1.1633)	.5135	(.2022)	2.9229	(1.1507)	.3475	(.1368)	AUG-1
2	3.5717	(1.4062)	61089912	2.9153	(1.1478)	.3548	(.1397)	2.9984	(1.1805)	.3500	(.1378)	2
SEP-1	3.5844	(1.4112)	70090712	2.8334	(1.1155)	.4018	(.1582)	2.8463	(1.1206)	.3259	(.1283)	SEP-1
2	3.4468	(1.3570)	70091600	2.7683	(1.0899)	.4673	(.1840)	2.8339	(1.1157)	.3511	(.1382)	2
OCT-1	3.5552	(1.3997)	59109900	2.7701	(1.0906)	.4936	(.1943)	2.7160	(1.0693)	.2624	(.1033)	OCT-1
2	4.0902	(1.6103)	59109912	2.7386	(1.0782)	.4559	(.1795)	2.5973	(1.0226)	.4714	(.1856)	2
NOV-1	3.4689	(1.3657)	68110900	2.4316	(.9573)	.3926	(.1546)	2.5034	(.9856)	.3962	(.1560)	NOV-1
2	3.1918	(1.2566)	72112600	2.4385	(.9600)	.4478	(.1763)	2.3851	(.9390)	.4105	(.1616)	2
DEC-1	3.5466	(1.3963)	58129900	2.3128	(.9106)	.4571	(.1800)	2.1920	(.8630)	.3488	(.1373)	DEC-1
2	3.3386	(1.3144)	72122100	2.2762	(.8962)	.4040	(.1591)	2.2342	(.8796)	.4452	(.1753)	2
				SURFACE TO 700MB								
JAN-1	2.1857	(.8605)	69010500	1.7012	(.6698)	.2856	(.1124)	1.6586	(.6530)	.2583	(.1017)	JAN-1
2	2.2479	(.8850)	71011912	1.7005	(.6695)	.4007	(.1577)	1.6534	(.6510)	.3396	(.1337)	2
FEB-1	2.0752	(.8170)	71021012	1.6419	(.6464)	.2743	(.1080)	1.5656	(.6164)	.3044	(.1198)	FEB-1
2	1.9858	(.7818)	63029900	1.5487	(.6097)	.3144	(.1238)	1.5370	(.6051)	.3238	(.1275)	2
MAR-1	2.2446	(.8837)	68030412	1.5170	(.5973)	.3176	(.1250)	1.5228	(.5995)	.3515	(.1384)	MAR-1
2	1.9139	(.7535)	72031600	1.4946	(.5884)	.2373	(.0934)	1.5101	(.5945)	.1691	(.0666)	2
APR-1	2.1184	(.8340)	61049912	1.6168	(.6365)	.2875	(.1132)	1.5998	(.6299)	.2647	(.1042)	APR-1
2	2.0886	(.8223)	58049900	1.4983	(.5899)	.2805	(.1104)	1.5374	(.6053)	.2409	(.0948)	2
MAY-1	2.1460	(.8449)	60059912	1.6473	(.6485)	.2799	(.1102)	1.7155	(.6754)	.2068	(.0814)	MAY-1
2	2.6065	(1.0262)	58059900	1.9058	(.7503)	.2940	(.1157)	1.8682	(.7355)	.2473	(.0974)	2
JUN-1	2.6815	(1.0557)	69060912	2.1315	(.8392)	.3347	(.1318)	2.1366	(.8412)	.2603	(.1025)	JUN-1
2	2.7861	(1.0969)	59069912	2.0963	(.8253)	.2960	(.1165)	2.1484	(.8458)	.3151	(.1241)	2
JUL-1	2.9571	(1.1642)	72071300	2.1467	(.8452)	.3314	(.1305)	2.1822	(.8591)	.2248	(.0885)	JUL-1
2	2.8659	(1.1283)	71072012	2.0729	(.8161)	.2751	(.1083)	2.1855	(.8604)	.3098	(.1220)	2
AUG-1	2.6467	(1.0420)	58089912	2.1492	(.8461)	.2785	(.1096)	2.1972	(.8650)	.2096	(.0825)	AUG-1
2	2.6675	(1.0502)	56089900	2.2743	(.8954)	.2649	(.1043)	2.3439	(.9228)	.1939	(.0763)	2
SEP-1	2.6754	(1.0533)	57099900	2.2026	(.8671)	.2606	(.1026)	2.1951	(.8642)	.2259	(.0889)	SEP-1
2	2.6109	(1.0279)	63099900	2.1665	(.8530)	.3022	(.1190)	2.1686	(.8538)	.2242	(.0883)	2
OCT-1	2.6340	(1.0370)	59109900	2.0783	(.8182)	.3117	(.1227)	2.0391	(.8028)	.2050	(.0807)	OCT-1
2	2.9070	(1.1445)	59109912	2.0471	(.8059)	.3348	(.1318)	2.0202	(.7954)	.2928	(.1153)	2
NOV-1	2.4676	(.9715)	68110900	1.8496	(.7282)	.2806	(.1105)	1.8814	(.7407)	.2386	(.0939)	NOV-1
2	2.2923	(.9025)	72112600	1.8555	(.7305)	.3007	(.1184)	1.8177	(.7156)	.2894	(.1139)	2
DEC-1	2.7709	(1.0909)	58129900	1.7826	(.7018)	.3122	(.1229)	1.6795	(.6612)	.2283	(.0899)	DEC-1
2	2.3421	(.9221)	72122100	1.7245	(.6790)	.2939	(.1157)	1.7122	(.6741)	.3146	(.1238)	2
				SURFACE TO 850MB								
JAN-1	1.3477	(.5306)	69010500	.9954	(.3919)	.1651	(.0650)	.9787	(.3853)	.1571	(.0619)	JAN-1
2	1.4028	(.5523)	68012100	1.0028	(.3948)	.2302	(.0906)	.9848	(.3877)	.2249	(.0885)	2
FEB-1	1.2515	(.4927)	63029912	.9919	(.3905)	.1476	(.0581)	.9365	(.3687)	.1821	(.0717)	FEB-1
2	1.2438	(.4897)	68021912	.9362	(.3686)	.1721	(.0677)	.9432	(.3713)	.1697	(.0668)	2
MAR-1	1.2573	(.4950)	72031300	.9442	(.3717)	.1941	(.0764)	.9026	(.3553)	.1844	(.0726)	MAR-1
2	1.1781	(.4638)	72031600	.9239	(.3638)	.1293	(.0509)	.9127	(.3593)	.1052	(.0414)	2
APR-1	1.2766	(.5026)	61049900	1.0053	(.3958)	.1639	(.0645)	.9755	(.3841)	.1565	(.0616)	APR-1
2	1.2736	(.5014)	58049900	.9493	(.3737)	.1719	(.0677)	.9321	(.3670)	.1425	(.0561)	2
MAY-1	1.2779	(.5031)	60059900	1.0441	(.4111)	.1293	(.0509)	1.0407	(.4097)	.1085	(.0427)	MAY-1
2	1.5088	(.5940)	58059912	1.2002	(.4725)	.1293	(.0509)	1.1561	(.4552)	.1471	(.0579)	2
JUN-1	1.5842	(.6237)	69060912	1.2980	(.5110)	.1799	(.0708)	1.2801	(.5040)	.1356	(.0534)	JUN-1
2	1.9030	(.7492)	58069900	1.3395	(.5274)	.2307	(.0908)	1.3498	(.5314)	.1487	(.0586)	2
JUL-1	1.6609	(.6539)	72071300	1.3190	(.5193)	.1922	(.0757)	1.3918	(.5480)	.1294	(.0509)	JUL-1
2	1.7935	(.7061)	71072012	1.3616	(.5361)	.1376	(.0542)	1.4009	(.5515)	.1511	(.0595)	2
AUG-1	1.6259	(.6401)	62089900	1.3215	(.5203)	.1477	(.0581)	1.3936	(.5487)	.0798	(.0314)	AUG-1
2	1.7671	(.6957)	56089900	1.3950	(.5492)	.1614	(.0636)	1.4454	(.5690)	.0994	(.0392)	2
SEP-1	1.7765	(.6994)	57099900	1.3415	(.5281)	.1651	(.0650)	1.3471	(.5304)	.1118	(.0440)	SEP-1
2	1.5570	(.6130)	63099900	1.3335	(.5250)	.1072	(.0422)	1.3160	(.5181)	.0944	(.0372)	2
OCT-1	1.4737	(.5802)	59109912	1.2283	(.4836)	.1260	(.0496)	1.2634	(.4974)	.1176	(.0463)	OCT-1
2	1.7589	(.6925)	59109912	1.2658	(.4984)	.1643	(.0647)	1.2254	(.4824)	.1827	(.0719)	2
NOV-1	1.4287	(.5617)	68110900	1.1045	(.4349)	.1511	(.0595)	1.1014	(.4336)	.1447	(.0570)	NOV-1
2	1.4000	(.5512)	59119900	1.1096	(.4368)	.1730	(.0681)	1.0690	(.4209)	.1397	(.0550)	2
DEC-1	1.6965	(.6679)	58129900	1.0798	(.4251)	.1828	(.0720)	1.0139	(.3992)	.1273	(.0501)	DEC-1
2	1.3350	(.5256)	67122612	1.0238	(.4031)	.1745	(.0687)	1.0163	(.4001)	.1871	(.0737)	2

SALT LAKE CITY-OGDEN, UTAH 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.7851	(.7028)	69011412	1.1259	(.4433)	.2430	(.0957)	1.1157	(.4393)	.2819	(.1110)	JAN-1
2	2.2781	(.8969)	71011812	1.1803	(.4647)	.3402	(.1340)	1.2100	(.4764)	.3533	(.1391)	2
FEB-1	1.8351	(.7225)	62029900	1.1495	(.4526)	.2713	(.1068)	1.1811	(.4650)	.2499	(.0984)	FEB-1
2	1.6878	(.6645)	68022012	1.0251	(.4036)	.2324	(.0915)	1.0674	(.4203)	.2609	(.1027)	2
MAR-1	1.7783	(.7001)	54039900	1.0486	(.4128)	.2536	(.0999)	1.0604	(.4175)	.1867	(.0735)	MAR-1
2	1.4102	(.5552)	63039912	1.1036	(.4345)	.1492	(.0587)	1.0943	(.4308)	.1532	(.0603)	2
APR-1	1.7737	(.6983)	72040612	1.2150	(.4783)	.1957	(.0771)	1.2306	(.4845)	.1779	(.0700)	APR-1
2	1.7584	(.6923)	53049900	1.3065	(.5144)	.2178	(.0857)	1.3026	(.5128)	.1675	(.0660)	2
MAY-1	2.1831	(.8595)	66051000	1.4374	(.5659)	.3063	(.1206)	1.4347	(.5648)	.1865	(.0734)	MAY-1
2	2.3899	(.9409)	54059912	1.6271	(.6406)	.2657	(.1046)	1.6761	(.6599)	.2739	(.1078)	2
JUN-1	2.8727	(1.1310)	63069900	1.9350	(.7618)	.3578	(.1409)	2.0266	(.7979)	.2395	(.0943)	JUN-1
2	3.0168	(1.1877)	54069900	2.0311	(.7996)	.4291	(.1689)	2.0970	(.8256)	.3144	(.1238)	2
JUL-1	3.5344	(1.3915)	53079912	2.2892	(.9013)	.4639	(.1826)	2.3521	(.9260)	.4872	(.1918)	JUL-1
2	3.4844	(1.3718)	54079900	2.6383	(1.0387)	.3740	(.1472)	2.8425	(1.1191)	.3364	(.1325)	2
AUG-1	3.4412	(1.3548)	46089900	2.7154	(1.0691)	.2988	(.1177)	2.8035	(1.1037)	.3447	(.1357)	AUG-1
2	3.2865	(1.2939)	71082812	2.5316	(.9967)	.3624	(.1427)	2.5118	(.9889)	.3795	(.1494)	2
SEP-1	3.1305	(1.2325)	63099900	2.1289	(.8382)	.4938	(.1944)	2.2256	(.8762)	.4710	(.1854)	SEP-1
2	2.8087	(1.1058)	63099912	1.8487	(.7278)	.4325	(.1703)	1.8231	(.7178)	.3708	(.1460)	2
OCT-1	2.2144	(.8718)	67100200	1.6060	(.6323)	.3079	(.1212)	1.6925	(.6664)	.3488	(.1373)	OCT-1
2	2.2847	(.8995)	59109900	1.5091	(.5941)	.3207	(.1263)	1.4230	(.5603)	.2605	(.1026)	2
NOV-1	1.8451	(.7264)	68110912	1.3160	(.5181)	.2426	(.0955)	1.3301	(.5237)	.2578	(.1015)	NOV-1
2	1.7318	(.6818)	66112912	1.3307	(.5239)	.2215	(.0872)	1.2798	(.5039)	.2363	(.0930)	2
DEC-1	1.8489	(.7279)	58129900	1.1927	(.4696)	.2774	(.1092)	1.1823	(.4655)	.2463	(.0970)	DEC-1
2	1.8031	(.7099)	55129912	1.2529	(.4932)	.2573	(.1013)	1.1747	(.4625)	.2871	(.1130)	2
				SURFACE TO 700MB								
JAN-1	.8773	(.3454)	69011412	.6221	(.2449)	.1085	(.0427)	.6258	(.2464)	.1398	(.0550)	JAN-1
2	1.1935	(.4699)	71011900	.6604	(.2600)	.1806	(.0711)	.6658	(.2621)	.1801	(.0709)	2
FEB-1	.9517	(.3747)	70021212	.6208	(.2444)	.1199	(.0472)	.6728	(.2649)	.1272	(.0501)	FEB-1
2	.8799	(.3464)	68022400	.5938	(.2338)	.1398	(.0551)	.6325	(.2490)	.1348	(.0531)	2
MAR-1	.9538	(.3755)	54039900	.6114	(.2407)	.1222	(.0481)	.6231	(.2453)	.1022	(.0402)	MAR-1
2	.8430	(.3319)	61039900	.6499	(.2559)	.0954	(.0376)	.6330	(.2492)	.0932	(.0367)	2
APR-1	.9761	(.3843)	72040612	.7149	(.2815)	.1128	(.0444)	.7215	(.2841)	.1098	(.0432)	APR-1
2	.9726	(.3829)	65042512	.7194	(.2832)	.1084	(.0427)	.7469	(.2941)	.0997	(.0393)	2
MAY-1	1.1974	(.4714)	66051000	.8338	(.3283)	.1383	(.0545)	.8491	(.3343)	.1134	(.0446)	MAY-1
2	1.2624	(.4970)	67052612	.8937	(.3519)	.1091	(.0429)	.9425	(.3710)	.1298	(.0511)	2
JUN-1	1.6736	(.6589)	63069900	1.0713	(.4218)	.2101	(.0827)	1.1235	(.4423)	.1714	(.0675)	JUN-1
2	1.5382	(.6056)	54069900	1.1334	(.4462)	.2004	(.0789)	1.1294	(.4446)	.1795	(.0707)	2
JUL-1	1.8672	(.7351)	53079900	1.2126	(.4774)	.2820	(.1110)	1.2925	(.5088)	.2357	(.0928)	JUL-1
2	1.8044	(.7104)	65073112	1.3972	(.5501)	.2094	(.0824)	1.5381	(.6056)	.1780	(.0701)	2
AUG-1	1.8351	(.7225)	59089912	1.5067	(.5932)	.1911	(.0753)	1.5571	(.6130)	.1508	(.0594)	AUG-1
2	1.7930	(.7059)	61089912	1.3392	(.5273)	.2111	(.0831)	1.3729	(.5405)	.2096	(.0825)	2
SEP-1	1.6820	(.6622)	63099900	1.1796	(.4644)	.2514	(.0990)	1.2120	(.4772)	.2686	(.1057)	SEP-1
2	1.6556	(.6518)	63099900	1.0015	(.3943)	.2444	(.0962)	1.0310	(.4059)	.1964	(.0773)	2
OCT-1	1.2283	(.4836)	63109912	.9223	(.3631)	.1524	(.0600)	.9676	(.3810)	.1766	(.0695)	OCT-1
2	1.1862	(.4670)	59109912	.8380	(.3299)	.1562	(.0615)	.8255	(.3250)	.1436	(.0565)	2
NOV-1	1.0665	(.4199)	60119900	.7395	(.2911)	.1183	(.0466)	.7484	(.2947)	.1353	(.0533)	NOV-1
2	.9512	(.3745)	66113000	.7383	(.2907)	.1122	(.0442)	.7209	(.2838)	.1061	(.0418)	2
DEC-1	1.0386	(.4089)	58129900	.6769	(.2665)	.1618	(.0637)	.6548	(.2578)	.1283	(.0505)	DEC-1
2	.9141	(.3599)	46129912	.6961	(.2741)	.1331	(.0524)	.6660	(.2622)	.1180	(.0465)	2
				SURFACE TO 850MB								
JAN-1	.1750	(.0689)	63019900	.0900	(.0354)	.0363	(.0143)	.0829	(.0326)	.0277	(.0109)	JAN-1
2	.1880	(.0740)	71011900	.1003	(.0395)	.0392	(.0155)	.0934	(.0368)	.0376	(.0148)	2
FEB-1	.1567	(.0617)	61029912	.0887	(.0349)	.0391	(.0154)	.0877	(.0345)	.0404	(.0159)	FEB-1
2	.1501	(.0591)	57029912	.0878	(.0346)	.0397	(.0156)	.0871	(.0343)	.0429	(.0169)	2
MAR-1	.3040	(.1197)	53039900	.0932	(.0367)	.0535	(.0210)	.0823	(.0324)	.0338	(.0133)	MAR-1
2	.1529	(.0602)	60039900	.0909	(.0358)	.0339	(.0133)	.0884	(.0348)	.0308	(.0121)	2
APR-1	.1610	(.0634)	61049912	.0907	(.0357)	.0363	(.0143)	.0943	(.0371)	.0373	(.0147)	APR-1
2	.1963	(.0773)	62049900	.0929	(.0366)	.0433	(.0170)	.1054	(.0415)	.0365	(.0144)	2
MAY-1	.1560	(.0614)	71051012	.1050	(.0413)	.0404	(.0159)	.1118	(.0440)	.0376	(.0148)	MAY-1
2	.1816	(.0715)	57059912	.1084	(.0427)	.0440	(.0173)	.1229	(.0484)	.0463	(.0182)	2
JUN-1	.2692	(.1060)	63069900	.1314	(.0517)	.0554	(.0218)	.1492	(.0588)	.0521	(.0205)	JUN-1
2	.2576	(.1014)	63069900	.1453	(.0572)	.0567	(.0223)	.1641	(.0646)	.0610	(.0240)	2
JUL-1	.2901	(.1142)	70071000	.1516	(.0597)	.0694	(.0273)	.1758	(.0692)	.0606	(.0239)	JUL-1
2	.3282	(.1292)	65073100	.1726	(.0679)	.0706	(.0278)	.2125	(.0837)	.0731	(.0288)	2
AUG-1	.3132	(.1233)	63089912	.2004	(.0789)	.0671	(.0264)	.2329	(.0917)	.0765	(.0301)	AUG-1
2	.3378	(.1330)	61089912	.1819	(.0716)	.0629	(.0248)	.1997	(.0786)	.0679	(.0267)	2
SEP-1	.3139	(.1236)	63099912	.1557	(.0613)	.0712	(.0280)	.1757	(.0692)	.0697	(.0275)	SEP-1
2	.2573	(.1013)	63099900	.1330	(.0523)	.0582	(.0229)	.1447	(.0570)	.0556	(.0219)	2
OCT-1	.2499	(.0984)	61109900	.1335	(.0526)	.0524	(.0206)	.1365	(.0537)	.0505	(.0199)	OCT-1
2	.2134	(.0840)	61109900	.1305	(.0514)	.0451	(.0177)	.1303	(.0513)	.0421	(.0166)	2
NOV-1	.1814	(.0714)	56119900	.1150	(.0453)	.0405	(.0159)	.1078	(.0424)	.0352	(.0139)	NOV-1
2	.1732	(.0682)	66113000	.1192	(.0469)	.0303	(.0119)	.1117	(.0440)	.0323	(.0127)	2
DEC-1	.1839	(.0724)	57129900	.1001	(.0394)	.0374	(.0147)	.0943	(.0371)	.0337	(.0133)	DEC-1
2	.1453	(.0572)	61129900	.1003	(.0395)	.0341	(.0134)	.0933	(.0367)	.0300	(.0118)	2

SAN ANTONIO, TEX. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.8870	(1.5303)	50011203	2.7708	(1.0909)	.6467	(.2546)	2.8710	(1.1303)	.5994	(.2360)	JAN-1
2	3.6111	(1.4217)	68012812	2.6802	(1.0552)	.4668	(.1838)	2.8518	(1.1228)	.5364	(.2112)	2
FEB-1	3.7531	(1.4776)	59021400	2.8657	(1.1282)	.4018	(.1582)	2.8636	(1.1274)	.4343	(.1710)	FEB-1
2	4.1153	(1.6202)	48022603	2.8024	(1.1033)	.5843	(.2300)	2.8562	(1.1245)	.4745	(.1868)	2
MAR-1	3.8435	(1.5132)	53031003	2.9173	(1.1485)	.4097	(.1613)	3.0312	(1.1934)	.3447	(.1357)	MAR-1
2	4.1976	(1.6526)	49032515	3.0450	(1.1988)	.3467	(.1365)	3.1402	(1.2363)	.4090	(.1610)	2
APR-1	4.4729	(1.7610)	67041312	3.3030	(1.3004)	.4700	(.1850)	3.3273	(1.3100)	.5279	(.2078)	APR-1
2	4.6472	(1.8296)	58042700	3.7217	(1.4652)	.4219	(.1661)	3.7042	(1.4583)	.3845	(.1514)	2
MAY-1	5.0785	(1.9994)	72050712	3.9045	(1.5372)	.2789	(.1098)	3.9287	(1.5467)	.4771	(.1878)	MAY-1
2	4.9063	(1.9316)	46052315	4.1383	(1.6293)	.3548	(.1397)	4.0976	(1.6132)	.4163	(.1639)	2
JUN-1	5.4516	(2.1463)	72061400	4.3647	(1.7184)	.4482	(.1765)	4.3712	(1.7210)	.4351	(.1713)	JUN-1
2	5.6164	(2.2112)	70062400	4.8239	(1.8992)	.4595	(.1809)	4.8488	(1.9090)	.5133	(.2021)	2
JUL-1	5.7064	(2.2466)	70071512	4.7798	(1.8818)	.4428	(.1743)	4.8020	(1.8906)	.4321	(.1701)	JUL-1
2	5.6406	(2.2207)	72072212	4.7473	(1.8690)	.3793	(.1493)	4.8340	(1.9031)	.4840	(.1905)	2
AUG-1	5.8796	(2.3148)	66080400	4.7362	(1.8647)	.4513	(.1777)	4.8190	(1.8972)	.4509	(.1775)	AUG-1
2	5.9271	(2.3335)	69082100	5.0312	(1.9808)	.3986	(.1569)	4.8674	(1.9163)	.4163	(.1639)	2
SEP-1	6.1770	(2.4319)	70090200	4.9849	(1.9626)	.5781	(.2276)	4.9010	(1.9295)	.4999	(.1968)	SEP-1
2	6.0216	(2.3707)	58092000	4.7971	(1.8886)	.5780	(.2275)	4.8062	(1.8922)	.6003	(.2364)	2
OCT-1	5.9540	(2.3441)	66101300	4.4059	(1.7346)	.8034	(.3163)	4.2384	(1.6687)	.6449	(.2539)	OCT-1
2	5.3200	(2.0945)	71101712	4.0758	(1.6046)	.7092	(.2792)	3.9588	(1.5586)	.7219	(.2842)	2
NOV-1	4.8547	(1.9113)	46110215	3.6132	(1.4225)	.4581	(.1803)	3.6098	(1.4212)	.5535	(.2179)	NOV-1
2	4.5263	(1.7820)	71111812	3.2961	(1.2977)	.5349	(.2106)	3.3407	(1.3153)	.5713	(.2249)	2
DEC-1	4.6909	(1.8468)	71120512	3.2131	(1.2650)	.5105	(.2010)	3.2955	(1.2974)	.5810	(.2287)	DEC-1
2	4.5954	(1.8092)	68122112	3.0581	(1.2040)	.4816	(.1896)	3.0286	(1.1924)	.5752	(.2265)	2
				SURFACE TO 700MB								
JAN-1	3.0808	(1.2129)	50010203	2.1838	(.8598)	.4924	(.1939)	2.2762	(.8961)	.4589	(.1807)	JAN-1
2	3.0069	(1.1838)	72012700	2.1994	(.8659)	.4163	(.1639)	2.2633	(.8911)	.3883	(.1529)	2
FEB-1	2.8793	(1.1336)	65021112	2.2984	(.9049)	.3430	(.1351)	2.3156	(.9117)	.3744	(.1474)	FEB-1
2	3.2962	(1.2977)	48022603	2.2960	(.9039)	.4510	(.1776)	2.2992	(.9052)	.4044	(.1592)	2
MAR-1	3.0891	(1.2162)	70030212	2.4049	(.9468)	.3312	(.1304)	2.4860	(.9787)	.3202	(.1261)	MAR-1
2	3.3261	(1.3095)	49032515	2.5318	(.9968)	.2819	(.1110)	2.5860	(1.0181)	.2906	(.1144)	2
APR-1	3.4463	(1.3568)	67041312	2.7551	(1.0847)	.3262	(.1284)	2.7186	(1.0703)	.3680	(.1449)	APR-1
2	3.6208	(1.4255)	58042700	3.0436	(1.1983)	.3364	(.1325)	3.0494	(1.2005)	.2820	(.1110)	2
MAY-1	3.7493	(1.4761)	71050812	3.2752	(1.2894)	.2418	(.0952)	3.2307	(1.2719)	.3842	(.1512)	MAY-1
2	3.9164	(1.5419)	57052603	3.3831	(1.3319)	.2683	(.1056)	3.3536	(1.3203)	.3237	(.1274)	2
JUN-1	4.0475	(1.5935)	52061115	3.4913	(1.3745)	.2694	(.1061)	3.4296	(1.3502)	.2812	(.1107)	JUN-1
2	4.2720	(1.6819)	47062303	3.6419	(1.4338)	.3201	(.1260)	3.6382	(1.4324)	.2877	(.1133)	2
JUL-1	4.3457	(1.7109)	66071400	3.6367	(1.4318)	.3160	(.1244)	3.6232	(1.4265)	.2811	(.1107)	JUL-1
2	4.1204	(1.6222)	66071712	3.6209	(1.4256)	.2561	(.1008)	3.6417	(1.4337)	.3046	(.1199)	2
AUG-1	4.5179	(1.7787)	66080400	3.6235	(1.4266)	.3218	(.1267)	3.6007	(1.4176)	.3043	(.1198)	AUG-1
2	4.5088	(1.7751)	66082900	3.7461	(1.4748)	.2847	(.1121)	3.7052	(1.4587)	.2651	(.1044)	2
SEP-1	4.6063	(1.8135)	72090200	3.7372	(1.4713)	.3702	(.1457)	3.7059	(1.4590)	.3110	(.1225)	SEP-1
2	4.3536	(1.7140)	72092700	3.7058	(1.4590)	.3597	(.1416)	3.6500	(1.4370)	.3634	(.1431)	2
OCT-1	4.4041	(1.7339)	66101300	3.4438	(1.3558)	.5068	(.1995)	3.3447	(1.3168)	.4605	(.1813)	OCT-1
2	4.0643	(1.6001)	72103000	3.1985	(1.2592)	.5282	(.2080)	3.1337	(1.2337)	.5224	(.2057)	2
NOV-1	3.6911	(1.4532)	72110112	2.8813	(1.1344)	.3472	(.1367)	2.8910	(1.1382)	.4069	(.1602)	NOV-1
2	3.5514	(1.3982)	71111812	2.7009	(1.0633)	.4238	(.1669)	2.7497	(1.0826)	.4693	(.1848)	2
DEC-1	3.5761	(1.4079)	48121415	2.5482	(1.0032)	.4182	(.1646)	2.5829	(1.0169)	.4615	(.1817)	DEC-1
2	3.2743	(1.2891)	68122112	2.4872	(.9792)	.3258	(.1283)	2.4334	(.9580)	.3816	(.1502)	2
				SURFACE TO 850MB								
JAN-1	1.9383	(.7631)	68010312	1.3963	(.5497)	.2795	(.1100)	1.4129	(.5562)	.2927	(.1153)	JAN-1
2	2.0831	(.8201)	72012700	1.4155	(.5573)	.3326	(.1309)	1.4499	(.5708)	.2879	(.1133)	2
FEB-1	1.8903	(.7442)	69020200	1.4496	(.5707)	.2695	(.1061)	1.4670	(.5776)	.2056	(.0809)	FEB-1
2	1.8928	(.7452)	49022203	1.4293	(.5627)	.3100	(.1221)	1.4456	(.5691)	.2444	(.0962)	2
MAR-1	2.0937	(.8243)	72030812	1.5337	(.6038)	.2332	(.0918)	1.5829	(.6232)	.2401	(.0945)	MAR-1
2	2.1824	(.8592)	72032500	1.6257	(.6400)	.2077	(.0818)	1.6345	(.6435)	.1635	(.0644)	2
APR-1	2.2715	(.8943)	72041112	1.7124	(.6742)	.2199	(.0866)	1.7018	(.6700)	.2564	(.1009)	APR-1
2	2.3523	(.9261)	67042400	1.9010	(.7484)	.1952	(.0769)	1.8726	(.7372)	.2010	(.0791)	2
MAY-1	2.4638	(.9700)	71050812	2.0099	(.7913)	.1758	(.0692)	1.9874	(.7825)	.2283	(.0899)	MAY-1
2	2.4828	(.9775)	71053112	2.0694	(.8147)	.2054	(.0809)	2.0712	(.8154)	.1933	(.0761)	2
JUN-1	2.7173	(1.0698)	70061400	2.1228	(.8357)	.2391	(.0941)	2.1412	(.8430)	.2197	(.0865)	JUN-1
2	2.7780	(1.0937)	69062912	2.1785	(.8577)	.2227	(.0877)	2.2096	(.8699)	.2200	(.0866)	2
JUL-1	2.7790	(1.0941)	72070312	2.1679	(.8535)	.2487	(.0979)	2.2152	(.8721)	.2792	(.1099)	JUL-1
2	2.7943	(1.1001)	71072712	2.1312	(.8390)	.2442	(.0961)	2.2330	(.8791)	.2506	(.0987)	2
AUG-1	2.7777	(1.0936)	70080412	2.1285	(.8380)	.2348	(.0924)	2.2281	(.8772)	.2803	(.1104)	AUG-1
2	2.8324	(1.1151)	69082012	2.1849	(.8602)	.2397	(.0944)	2.2480	(.8851)	.2600	(.1024)	2
SEP-1	2.7780	(1.0937)	66090900	2.1763	(.8568)	.2701	(.1064)	2.2218	(.8747)	.2396	(.0943)	SEP-1
2	2.6891	(1.0587)	70092112	2.1802	(.8583)	.2678	(.1054)	2.2107	(.8703)	.2692	(.1060)	2
OCT-1	2.7381	(1.0780)	72101212	2.0200	(.7953)	.3134	(.1234)	2.0580	(.8102)	.2997	(.1180)	OCT-1
2	2.6017	(1.0243)	69102100	1.9231	(.7571)	.3185	(.1254)	1.9320	(.7606)	.3023	(.1190)	2
NOV-1	2.6159	(1.0299)	72110100	1.8119	(.7133)	.2731	(.1075)	1.7921	(.7055)	.2511	(.0988)	NOV-1
2	2.2342	(.8796)	69111812	1.7146	(.6750)	.2584	(.1017)	1.7127	(.6743)	.2534	(.0997)	2
DEC-1	2.2268	(.8767)	67120200	1.6054	(.6321)	.3343	(.1316)	1.6292	(.6414)	.2849	(.1122)	DEC-1
2	2.2502	(.8859)	71121700	1.5613	(.6147)	.3064	(.1206)	1.5462	(.6087)	.3080	(.1212)	2

SAN DIEGO, CALIF. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.2029	(1.2610)	57019912	1.9783	(.7789)	.6537	(.2574)	2.0056	(.7896)	.5716	(.2250)	JAN-1
2	3.6695	(1.4447)	70011612	2.0864	(.8214)	.5465	(.2151)	2.1567	(.8491)	.5618	(.2212)	2
FEB-1	3.2454	(1.2777)	50029900	2.1082	(.8300)	.5983	(.2355)	2.0434	(.8045)	.5063	(.1993)	FEB-1
2	3.1869	(1.2547)	55029912	1.8974	(.7470)	.4096	(.1613)	1.9258	(.7582)	.4144	(.1631)	2
MAR-1	2.4935	(.9817)	54039912	1.7928	(.7058)	.3093	(.1218)	1.8231	(.7178)	.3572	(.1406)	MAR-1
2	2.9357	(1.1558)	58039900	1.9885	(.7829)	.3952	(.1556)	1.9780	(.7787)	.4529	(.1783)	2
APR-1	2.5103	(.9883)	63049900	1.9523	(.7686)	.3424	(.1348)	1.9663	(.7741)	.2659	(.1047)	APR-1
2	2.8425	(1.1191)	47049912	1.9476	(.7668)	.4125	(.1624)	2.0053	(.7895)	.3526	(.1388)	2
MAY-1	2.8618	(1.1267)	63059900	2.0109	(.7917)	.3209	(.1263)	2.0545	(.8089)	.3149	(.1240)	MAY-1
2	2.9106	(1.1459)	57059912	2.2768	(.8964)	.3460	(.1362)	2.3268	(.9161)	.3064	(.1206)	2
JUN-1	3.6797	(1.4487)	72060700	2.5606	(1.0081)	.3943	(.1552)	2.5031	(.9855)	.3555	(.1399)	JUN-1
2	4.0615	(1.5990)	72062100	2.8090	(1.1059)	.5135	(.2022)	2.7376	(1.0778)	.4802	(.1890)	2
JUL-1	5.1722	(2.0363)	49079912	3.4687	(1.3656)	.6643	(.2615)	3.6098	(1.4212)	.7161	(.2819)	JUL-1
2	5.2357	(2.0613)	68072912	4.1038	(1.6157)	.6516	(.2565)	4.1908	(1.6499)	.6148	(.2420)	2
AUG-1	6.1354	(2.4155)	47089900	3.9443	(1.5529)	.7761	(.3056)	4.1294	(1.6257)	.6630	(.2610)	AUG-1
2	5.7247	(2.2538)	46089912	3.8265	(1.5065)	.6721	(.2646)	3.8819	(1.5283)	.7047	(.2774)	2
SEP-1	4.9124	(1.9340)	67090212	3.4736	(1.3695)	.7384	(.2907)	3.5501	(1.3977)	.7411	(.2918)	SEP-1
2	4.6393	(1.8265)	46099912	3.0853	(1.2147)	.6525	(.2569)	3.0330	(1.1941)	.6617	(.2605)	2
OCT-1	3.5095	(1.3817)	51109900	2.6779	(1.0543)	.4977	(.1959)	2.7553	(1.0848)	.3769	(.1484)	OCT-1
2	3.3066	(1.3018)	57109900	2.4624	(.9694)	.4868	(.1916)	2.5009	(.9846)	.4440	(.1748)	2
NOV-1	3.4902	(1.3741)	54119900	2.4038	(.9464)	.4730	(.1862)	2.3426	(.9223)	.3611	(.1422)	NOV-1
2	4.0546	(1.5963)	65112300	2.3246	(.9152)	.6087	(.2396)	2.2270	(.8768)	.6074	(.2391)	2
DEC-1	4.1173	(1.6210)	66120512	2.1875	(.8612)	.5346	(.2105)	2.1498	(.8464)	.5899	(.2322)	DEC-1
2	3.2316	(1.2723)	51129912	2.1959	(.8645)	.5859	(.2307)	2.0673	(.8139)	.5809	(.2287)	2
				SURFACE TO 700MB								
JAN-1	2.6421	(1.0402)	53019900	1.5732	(.6194)	.4447	(.1751)	1.5718	(.6188)	.4131	(.1626)	JAN-1
2	2.6111	(1.0280)	70011612	1.6459	(.6480)	.4052	(.1595)	1.6830	(.6626)	.4084	(.1608)	2
FEB-1	2.5456	(1.0022)	50029912	1.6474	(.6486)	.4167	(.1641)	1.6641	(.6552)	.3955	(.1557)	FEB-1
2	2.4762	(.9749)	55029900	1.5531	(.6114)	.3701	(.1457)	1.5520	(.6110)	.3170	(.1248)	2
MAR-1	2.3137	(.9109)	54039900	1.5333	(.6037)	.3098	(.1220)	1.5096	(.5943)	.2537	(.0999)	MAR-1
2	2.1885	(.8616)	58039900	1.5740	(.6197)	.2713	(.1068)	1.5587	(.6137)	.3009	(.1185)	2
APR-1	2.0820	(.8197)	63049900	1.6356	(.6439)	.2759	(.1086)	1.6120	(.6346)	.2118	(.0834)	APR-1
2	2.4773	(.9753)	53049900	1.6596	(.6534)	.3961	(.1559)	1.6259	(.6401)	.2483	(.0978)	2
MAY-1	2.1727	(.8554)	56059912	1.6313	(.6423)	.2200	(.0866)	1.7224	(.6781)	.2364	(.0931)	MAY-1
2	2.2550	(.8878)	57059912	1.8142	(.7142)	.2002	(.0788)	1.8566	(.7309)	.1860	(.0732)	2
JUN-1	2.6436	(1.0408)	72060712	2.0114	(.7919)	.2338	(.0920)	2.0266	(.7979)	.2609	(.1027)	JUN-1
2	2.9174	(1.1486)	72062112	2.1149	(.8327)	.2910	(.1146)	2.1395	(.8423)	.3209	(.1263)	2
JUL-1	3.7140	(1.4622)	50079900	2.4103	(.9489)	.5789	(.2279)	2.4995	(.9841)	.5983	(.2355)	JUL-1
2	3.7833	(1.4895)	68072912	2.8927	(1.1389)	.4924	(.1939)	3.0147	(1.1869)	.4762	(.1875)	2
AUG-1	4.3233	(1.7021)	47089900	2.8700	(1.1299)	.5718	(.2251)	3.0237	(1.1904)	.4640	(.1827)	AUG-1
2	4.2301	(1.6654)	46089912	2.7694	(1.0903)	.4942	(.1946)	2.8972	(1.1406)	.5028	(.1979)	2
SEP-1	3.5044	(1.3797)	59099900	2.5976	(1.0227)	.4894	(.1927)	2.6686	(1.0506)	.4466	(.1758)	SEP-1
2	3.5469	(1.3964)	47099900	2.4585	(.9679)	.5288	(.2082)	2.4438	(.9621)	.4971	(.1957)	2
OCT-1	3.1387	(1.2357)	46109900	2.1946	(.8640)	.4236	(.1668)	2.1969	(.8649)	.2799	(.1102)	OCT-1
2	2.6576	(1.0463)	50109900	1.9651	(.7737)	.3741	(.1473)	1.9877	(.7826)	.3322	(.1308)	2
NOV-1	2.5547	(1.0058)	54119900	1.9324	(.7608)	.2981	(.1174)	1.9069	(.7508)	.2533	(.0997)	NOV-1
2	2.9152	(1.1477)	65112300	1.8129	(.7137)	.4302	(.1694)	1.7690	(.6965)	.4316	(.1699)	2
DEC-1	2.8494	(1.1218)	66120512	1.7247	(.6790)	.4029	(.1586)	1.7813	(.7013)	.4052	(.1595)	DEC-1
2	2.5453	(1.0021)	55129900	1.7111	(.6737)	.4641	(.1827)	1.6829	(.6626)	.4224	(.1663)	2
				SURFACE TO 850MB								
JAN-1	1.6058	(.6322)	53019900	1.0176	(.4006)	.2210	(.0870)	.9993	(.3934)	.2305	(.0908)	JAN-1
2	1.4945	(.5884)	50019900	1.0509	(.4137)	.2228	(.0877)	1.0643	(.4190)	.1974	(.0777)	2
FEB-1	1.5169	(.5972)	50029900	1.0542	(.4150)	.2083	(.0820)	1.0594	(.4171)	.1834	(.0722)	FEB-1
2	1.4653	(.5769)	55029900	1.0216	(.4022)	.2045	(.0805)	1.0173	(.4005)	.1576	(.0621)	2
MAR-1	1.4714	(.5793)	54039900	1.0000	(.3937)	.1826	(.0719)	1.0034	(.3950)	.1223	(.0481)	MAR-1
2	1.4816	(.5833)	67031712	1.0353	(.4076)	.1592	(.0627)	1.0513	(.4139)	.1399	(.0551)	2
APR-1	1.2888	(.5074)	46049912	1.0702	(.4213)	.1542	(.0607)	1.0740	(.4228)	.1050	(.0413)	APR-1
2	1.4978	(.5897)	53049900	1.0782	(.4245)	.1903	(.0749)	1.0858	(.4275)	.1468	(.0578)	2
MAY-1	1.3797	(.5432)	54059900	1.1087	(.4365)	.1262	(.0497)	1.1551	(.4548)	.1190	(.0468)	MAY-1
2	1.4199	(.5590)	52059900	1.1853	(.4667)	.1393	(.0548)	1.2158	(.4787)	.0936	(.0368)	2
JUN-1	1.5977	(.6290)	46069900	1.3028	(.5129)	.1381	(.0544)	1.3055	(.5140)	.1093	(.0430)	JUN-1
2	1.6286	(.6412)	59069912	1.3041	(.5134)	.1646	(.0648)	1.3354	(.5257)	.1429	(.0563)	2
JUL-1	2.1331	(.8398)	50079912	1.4302	(.5631)	.2722	(.1072)	1.4524	(.5718)	.2961	(.1166)	JUL-1
2	2.1537	(.8479)	52079912	1.6185	(.6372)	.2749	(.1082)	1.7338	(.6826)	.2973	(.1170)	2
AUG-1	2.3406	(.9215)	47089900	1.6044	(.6317)	.3427	(.1349)	1.7124	(.6742)	.2454	(.0966)	AUG-1
2	2.4100	(.9488)	46089912	1.6283	(.6411)	.2941	(.1158)	1.6875	(.6644)	.2709	(.1067)	2
SEP-1	1.9860	(.7819)	59099900	1.5269	(.6011)	.2354	(.0927)	1.5869	(.6248)	.2367	(.0932)	SEP-1
2	2.1143	(.8324)	52099900	1.5153	(.5966)	.3002	(.1182)	1.5339	(.6039)	.2700	(.1063)	2
OCT-1	1.9632	(.7729)	46109900	1.3767	(.5420)	.2152	(.0847)	1.3737	(.5408)	.1310	(.0516)	OCT-1
2	1.6878	(.6645)	47109912	1.2699	(.5000)	.1924	(.0757)	1.2635	(.4974)	.2130	(.0839)	2
NOV-1	1.5319	(.6031)	53119900	1.2063	(.4749)	.1631	(.0642)	1.2287	(.4838)	.1327	(.0523)	NOV-1
2	1.6449	(.6476)	65112300	1.1501	(.4528)	.2461	(.0969)	1.1453	(.4509)	.2193	(.0863)	2
DEC-1	1.5989	(.6295)	66120612	1.0838	(.4267)	.2065	(.0813)	1.1082	(.4363)	.1855	(.0730)	DEC-1
2	1.5855	(.6242)	55129912	1.0833	(.4265)	.2302	(.0906)	1.0813	(.4257)	.2492	(.0981)	2

SAN NICOLAS ISLAND, CAL. 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.8999	(1.1417)	70011500	1.5673	(.6170)	.6211	(.2445)	1.8379	(.7236)	.5918	(.2330)	JAN-1
2	3.3576	(1.3219)	69012512	2.1456	(.8447)	.6635	(.2612)	1.9698	(.7755)	.7824	(.3080)	2
FEB-1	3.1780	(1.2512)	57020815	1.6407	(.6459)	.4821	(.1898)	2.0623	(.8119)	.6673	(.2627)	FEB-1
2	3.0259	(1.1913)	55021615	1.5178	(.5975)	.5039	(.1984)	1.8110	(.7130)	.6737	(.2652)	2
MAR-1	3.2918	(1.2960)	54030915	1.3838	(.5448)	.4923	(.1938)	1.7532	(.6902)	.5932	(.2335)	MAR-1
2	2.8672	(1.1288)	67031700	1.6006	(.6302)	.5334	(.2100)	1.7619	(.6936)	.5328	(.2098)	2
APR-1	2.5964	(1.0222)	66040300	1.6772	(.6603)	.5207	(.2050)	1.6803	(.6615)	.4418	(.1739)	APR-1
2	2.3518	(.9259)	65042712	1.3482	(.5308)	.1732	(.0682)	1.5720	(.6189)	.3644	(.1435)	2
MAY-1	2.4092	(.9485)	67050812	1.4440	(.5685)	.5837	(.2298)	1.7470	(.6878)	.4070	(.1603)	MAY-1
2	2.6106	(1.0278)	54051915	1.6572	(.6524)	.4561	(.1796)	1.9541	(.7693)	.3893	(.1533)	2
JUN-1	3.1168	(1.2271)	69061512	1.9061	(.7504)	.3403	(.1340)	2.1666	(.8530)	.4180	(.1646)	JUN-1
2	3.3424	(1.3159)	72062100	2.1203	(.8348)	.6187	(.2436)	2.1157	(.8329)	.5449	(.2145)	2
JUL-1	3.8494	(1.5155)	69071200	2.5221	(.9930)	.7460	(.2937)	2.8737	(1.1314)	.5789	(.2279)	JUL-1
2	4.5044	(1.7734)	67072712	2.8094	(1.1061)	.7377	(.2904)	3.3958	(1.3369)	.6729	(.2649)	2
AUG-1	4.2972	(1.6918)	60081112	2.7755	(1.0927)	.5791	(.2280)	3.2061	(1.2622)	.7116	(.2802)	AUG-1
2	4.5047	(1.7735)	68082612	2.5243	(.9938)	.6530	(.2571)	3.0654	(1.2069)	.6400	(.2520)	2
SEP-1	4.7772	(1.8808)	72090600	2.5217	(.9928)	.9337	(.3676)	2.9253	(1.1517)	.7930	(.3122)	SEP-1
2	3.2337	(1.2731)	66092912	2.0380	(.8024)	.7934	(.3124)	2.5918	(1.0204)	.4175	(.1644)	2
OCT-1	3.8397	(1.5117)	60100612	2.1555	(.8486)	.6113	(.2407)	2.4531	(.9658)	.6179	(.2432)	OCT-1
2	2.6960	(1.0614)	59102712	1.7950	(.7067)	.6698	(.2637)	2.1233	(.8359)	.3589	(.1413)	2
NOV-1	3.3015	(1.2998)	54111015	1.8906	(.7443)	.6625	(.2608)	2.1395	(.8423)	.7102	(.2796)	NOV-1
2	3.6777	(1.4479)	66112812	1.7582	(.6922)	.7914	(.3116)	1.8073	(.7115)	.8431	(.3319)	2
DEC-1	3.0696	(1.2085)	66120600	1.5803	(.6222)	.7119	(.2803)	1.9561	(.7701)	.4792	(.1887)	DEC-1
2	3.0803	(1.2127)	69122000	1.9258	(.7582)	.6667	(.2625)	1.8232	(.7178)	.5947	(.2341)	2
				SURFACE TO 700MB								
JAN-1	2.1753	(.8564)	69011412	1.2515	(.4927)	.4956	(.1951)	1.4370	(.5657)	.4653	(.1832)	JAN-1
2	2.5616	(1.0085)	70011700	1.6573	(.6525)	.5450	(.2146)	1.5981	(.6292)	.5671	(.2233)	2
FEB-1	2.2271	(.8768)	60020612	1.3383	(.5269)	.4124	(.1624)	1.5868	(.6247)	.4886	(.1924)	FEB-1
2	2.1260	(.8370)	55021615	1.2642	(.4977)	.4612	(.1816)	1.4199	(.5590)	.4350	(.1713)	2
MAR-1	2.3772	(.9359)	54030915	1.1395	(.4486)	.3729	(.1468)	1.4666	(.5774)	.4055	(.1596)	MAR-1
2	2.4430	(.9618)	67031700	1.2805	(.5041)	.4394	(.1730)	1.3817	(.5440)	.3442	(.1355)	2
APR-1	2.1356	(.8408)	69040600	1.3654	(.5376)	.4345	(.1711)	1.3336	(.5250)	.3114	(.1226)	APR-1
2	1.7650	(.6949)	65042712	1.1255	(.4431)	.1449	(.0571)	1.2554	(.4943)	.2769	(.1090)	2
MAY-1	1.9111	(.7524)	55051015	1.1813	(.4651)	.4739	(.1866)	1.4039	(.5527)	.2756	(.1085)	MAY-1
2	1.9782	(.7788)	54051815	1.3471	(.5304)	.3274	(.1289)	1.5165	(.5971)	.2184	(.0860)	2
JUN-1	2.2416	(.8825)	69061512	1.5124	(.5954)	.3446	(.1357)	1.6932	(.6666)	.2987	(.1176)	JUN-1
2	2.1128	(.8318)	72062100	1.5760	(.6205)	.3850	(.1516)	1.6493	(.6493)	.2940	(.1157)	2
JUL-1	2.8981	(1.1410)	69071200	1.9009	(.7484)	.5223	(.2056)	2.0818	(.8196)	.4396	(.1731)	JUL-1
2	2.9482	(1.1607)	54072315	1.9506	(.7679)	.3632	(.1430)	2.3307	(.9176)	.4782	(.1883)	2
AUG-1	3.0290	(1.1925)	60081112	1.9904	(.7836)	.4113	(.1619)	2.1074	(.8297)	.5415	(.2132)	AUG-1
2	3.2657	(1.2857)	68082612	1.8416	(.7250)	.4065	(.1600)	2.1305	(.8388)	.4648	(.1830)	2
SEP-1	3.0516	(1.2014)	72090600	1.9220	(.7567)	.5734	(.2258)	2.1704	(.8545)	.5364	(.2112)	SEP-1
2	3.1364	(1.2348)	66091812	1.6030	(.6311)	.6000	(.2362)	2.0310	(.7996)	.4788	(.1885)	2
OCT-1	3.0439	(1.1984)	60100612	1.6007	(.6302)	.4790	(.1886)	1.9953	(.7856)	.4992	(.1965)	OCT-1
2	2.2804	(.8978)	52101615	1.3674	(.5383)	.5056	(.1991)	1.6744	(.6592)	.3259	(.1283)	2
NOV-1	2.5039	(.9858)	69111400	1.5104	(.5947)	.5825	(.2293)	1.6799	(.6614)	.4665	(.1837)	NOV-1
2	2.8920	(1.1386)	66112900	1.4030	(.5524)	.6333	(.2493)	1.3486	(.5310)	.5342	(.2103)	2
DEC-1	2.5019	(.9850)	66120600	1.3863	(.5458)	.5494	(.2163)	1.5564	(.6127)	.3480	(.1370)	DEC-1
2	2.3792	(.9367)	64122412	1.4918	(.5873)	.4649	(.1830)	1.5028	(.5917)	.4726	(.1861)	2
				SURFACE TO 850MB								
JAN-1	1.2995	(.5116)	63010812	.7774	(.3060)	.2909	(.1145)	.8745	(.3443)	.2585	(.1018)	JAN-1
2	1.5370	(.6051)	70011700	1.0113	(.3982)	.2740	(.1079)	.9735	(.3833)	.3044	(.1198)	2
FEB-1	1.5438	(.6078)	63020112	.8293	(.3265)	.2366	(.0931)	.9754	(.3840)	.2851	(.1122)	FEB-1
2	1.3122	(.5166)	68021800	.8213	(.3234)	.2897	(.1141)	.9076	(.3573)	.2340	(.0921)	2
MAR-1	1.3401	(.5276)	54030915	.7765	(.3057)	.2229	(.0878)	.9240	(.3638)	.1921	(.0756)	MAR-1
2	1.4422	(.5678)	67031700	.8439	(.3322)	.2384	(.0939)	.8696	(.3423)	.1490	(.0587)	2
APR-1	1.2261	(.4827)	69040600	.8422	(.3316)	.2253	(.0887)	.8930	(.3516)	.1617	(.0637)	APR-1
2	1.0249	(.4035)	57041715	.7880	(.3103)	.0984	(.0388)	.8251	(.3248)	.1302	(.0513)	2
MAY-1	1.1308	(.4452)	55051015	.7856	(.3093)	.2366	(.0931)	.9229	(.3633)	.1337	(.0526)	MAY-1
2	1.2187	(.4798)	54051815	.8992	(.3540)	.1560	(.0614)	.9787	(.3853)	.1033	(.0407)	2
JUN-1	1.2421	(.4890)	61060712	.9363	(.3686)	.1859	(.0732)	1.0633	(.4186)	.1587	(.0625)	JUN-1
2	1.3091	(.5154)	72062300	1.0154	(.3998)	.1934	(.0762)	1.0249	(.4035)	.1237	(.0487)	2
JUL-1	1.6584	(.6529)	59070112	1.1204	(.4411)	.2734	(.1077)	1.1985	(.4718)	.2176	(.0857)	JUL-1
2	1.8019	(.7094)	60072612	1.0190	(.4012)	.1826	(.0719)	1.2525	(.4931)	.2347	(.0924)	2
AUG-1	1.4666	(.5774)	60081112	1.0282	(.4048)	.2418	(.0952)	1.1945	(.4703)	.2079	(.0819)	AUG-1
2	1.7295	(.6809)	68082612	1.0718	(.4219)	.2269	(.0893)	1.2242	(.4820)	.2584	(.1017)	2
SEP-1	1.8092	(.7123)	72090600	1.1329	(.4460)	.3140	(.1236)	1.2016	(.4731)	.2397	(.0944)	SEP-1
2	1.7361	(.6835)	66091812	.9999	(.3936)	.2637	(.1038)	1.2422	(.4891)	.2150	(.0847)	2
OCT-1	1.6627	(.6546)	60100612	1.0109	(.3980)	.2557	(.1007)	1.2499	(.4921)	.2105	(.0829)	OCT-1
2	1.8461	(.7268)	52101615	.8881	(.3496)	.2967	(.1168)	1.0293	(.4052)	.2633	(.1037)	2
NOV-1	1.5004	(.5907)	69111312	.9772	(.3847)	.3498	(.1377)	1.1033	(.4344)	.2719	(.1071)	NOV-1
2	1.6457	(.6479)	66112900	.9295	(.3659)	.3179	(.1252)	.8831	(.3477)	.2969	(.1169)	2
DEC-1	1.4722	(.5796)	66120600	.8517	(.3353)	.3207	(.1262)	.9996	(.3935)	.2142	(.0843)	DEC-1
2	1.4313	(.5635)	64122412	1.0139	(.3992)	.2446	(.0963)	.9496	(.3739)	.2950	(.1161)	2

SANTA MARIA-PT. ARGUELLO, CAL. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.2845	(1.2931)	56011503	2.0401	(.8032)	.5984	(.2356)	2.0106	(.7916)	.5857	(.2306)	JAN-1
2	3.3688	(1.3263)	70011612	2.1949	(.8641)	.5642	(.2221)	2.2042	(.8678)	.5838	(.2299)	2
FEB-1	3.2842	(1.2930)	63029912	2.0989	(.8263)	.5624	(.2214)	2.1250	(.8366)	.5677	(.2235)	FEB-1
2	2.8415	(1.1187)	55021615	1.8657	(.7345)	.4172	(.1643)	1.8239	(.7181)	.4434	(.1746)	2
MAR-1	3.0922	(1.2174)	54030915	1.9501	(.7678)	.4469	(.1760)	1.9227	(.7570)	.4152	(.1635)	MAR-1
2	3.3553	(1.3210)	67031612	1.9379	(.7629)	.3932	(.1548)	1.9731	(.7768)	.4137	(.1629)	2
APR-1	3.0719	(1.2094)	48040915	1.8691	(.7359)	.3496	(.1376)	1.9610	(.7720)	.3811	(.1500)	APR-1
2	2.9215	(1.1502)	53042715	1.8573	(.7312)	.3674	(.1446)	1.9585	(.7711)	.3865	(.1522)	2
MAY-1	2.6289	(1.0350)	56050403	2.0763	(.8174)	.3513	(.1383)	2.0548	(.8090)	.2707	(.1066)	MAY-1
2	3.4549	(1.3602)	57051815	2.2187	(.8735)	.2986	(.1176)	2.2849	(.8996)	.4032	(.1588)	2
JUN-1	3.3315	(1.3116)	57061000	2.3779	(.9362)	.3674	(.1446)	2.5058	(.9865)	.3251	(.1280)	JUN-1
2	3.1770	(1.2508)	52062315	2.4503	(.9647)	.3344	(.1316)	2.4929	(.9815)	.3972	(.1564)	2
JUL-1	4.2367	(1.6680)	50070915	2.7604	(1.0868)	.6090	(.2397)	2.7919	(1.0992)	.6409	(.2523)	JUL-1
2	5.0909	(2.0043)	66073012	3.2698	(1.2873)	.6264	(.2466)	3.4109	(1.3429)	.6873	(.2706)	2
AUG-1	4.3071	(1.6957)	55080515	3.1109	(1.2248)	.5747	(.2262)	3.2074	(1.2628)	.5421	(.2134)	AUG-1
2	4.1956	(1.6518)	58081612	2.8150	(1.1083)	.5014	(.1974)	2.8950	(1.1398)	.5159	(.2031)	2
SEP-1	4.2532	(1.6745)	72090512	3.0786	(1.2120)	.5777	(.2274)	2.9560	(1.1638)	.7019	(.2763)	SEP-1
2	3.8163	(1.5025)	51091803	2.5928	(1.0208)	.6178	(.2432)	2.6508	(1.0436)	.6143	(.2418)	2
OCT-1	3.9350	(1.5492)	60109912	2.6499	(1.0433)	.5610	(.2209)	2.7172	(1.0697)	.5391	(.2123)	OCT-1
2	3.6416	(1.4337)	69101612	2.4854	(.9785)	.5769	(.2271)	2.3525	(.9262)	.4981	(.1961)	2
NOV-1	3.2741	(1.2890)	65111412	2.3006	(.9058)	.4426	(.1743)	2.4092	(.9485)	.4596	(.1809)	NOV-1
2	3.9383	(1.5505)	50111915	2.2596	(.8896)	.6430	(.2532)	2.2643	(.8915)	.7131	(.2808)	2
DEC-1	3.6830	(1.4500)	66120512	2.3051	(.9075)	.5403	(.2127)	2.3578	(.9283)	.6291	(.2477)	DEC-1
2	3.9964	(1.5734)	55122215	2.2228	(.8751)	.6892	(.2713)	2.2427	(.8829)	.6220	(.2449)	2
				SURFACE TO 700MB								
JAN-1	2.3028	(.9066)	56011515	1.5980	(.6291)	.4276	(.1684)	1.5810	(.6224)	.4477	(.1763)	JAN-1
2	2.4745	(.9742)	63019912	1.7134	(.6746)	.3807	(.1499)	1.7151	(.6752)	.4150	(.1634)	2
FEB-1	2.6157	(1.0298)	63029900	1.6893	(.6651)	.4378	(.1723)	1.6889	(.6649)	.3975	(.1565)	FEB-1
2	2.2741	(.8953)	46022803	1.5414	(.6069)	.3545	(.1396)	1.5015	(.5911)	.3200	(.1260)	2
MAR-1	2.3195	(.9132)	60039900	1.5773	(.6210)	.3035	(.1195)	1.5480	(.6094)	.2977	(.1172)	MAR-1
2	2.4674	(.9714)	67031612	1.5716	(.6187)	.2855	(.1124)	1.5530	(.6114)	.3031	(.1193)	2
APR-1	2.3467	(.9239)	63049912	1.5157	(.5967)	.2497	(.0983)	1.5979	(.6291)	.3156	(.1243)	APR-1
2	2.1313	(.8391)	53042715	1.5105	(.5947)	.2807	(.1105)	1.5709	(.6185)	.2551	(.1004)	2
MAY-1	2.2075	(.8691)	56050403	1.7053	(.6714)	.2807	(.1105)	1.6423	(.6466)	.2012	(.0792)	MAY-1
2	2.4884	(.9797)	57051815	1.7445	(.6868)	.2506	(.0987)	1.8044	(.7104)	.2564	(.1009)	2
JUN-1	2.5187	(.9916)	57061000	1.8904	(.7442)	.2620	(.1031)	1.9500	(.7677)	.2159	(.0850)	JUN-1
2	2.4366	(.9593)	48062103	1.9027	(.7491)	.1993	(.0785)	1.9340	(.7614)	.2451	(.0965)	2
JUL-1	3.2753	(1.2895)	72071500	2.0882	(.8221)	.4570	(.1799)	2.1065	(.8293)	.4283	(.1686)	JUL-1
2	3.2956	(1.2975)	66073012	2.4055	(.9471)	.3947	(.1554)	2.4315	(.9573)	.4308	(.1696)	2
AUG-1	3.1270	(1.2311)	61089900	2.2937	(.9030)	.4298	(.1692)	2.3251	(.9154)	.3659	(.1440)	AUG-1
2	3.0988	(1.2200)	61089912	2.1866	(.8609)	.3762	(.1481)	2.1599	(.8503)	.4158	(.1637)	2
SEP-1	2.9982	(1.1804)	54090203	2.2765	(.8963)	.3329	(.1311)	2.1750	(.8563)	.4420	(.1740)	SEP-1
2	2.8926	(1.1388)	66093012	2.0460	(.8055)	.4221	(.1662)	2.1033	(.8281)	.4301	(.1693)	2
OCT-1	3.1704	(1.2482)	60109912	2.0665	(.8136)	.4065	(.1600)	2.1144	(.8325)	.4113	(.1619)	OCT-1
2	2.7483	(1.0820)	47101703	1.9704	(.7757)	.4174	(.1643)	1.8298	(.7204)	.3952	(.1556)	2
NOV-1	2.4381	(.9599)	70110500	1.8259	(.7189)	.3383	(.1332)	1.8440	(.7260)	.3066	(.1207)	NOV-1
2	2.9947	(1.1790)	50112003	1.7948	(.7066)	.4572	(.1800)	1.7862	(.7032)	.5015	(.1974)	2
DEC-1	2.6591	(1.0469)	66120600	1.8551	(.7303)	.3505	(.1380)	1.8250	(.7185)	.4197	(.1652)	DEC-1
2	2.8240	(1.1118)	55122215	1.7292	(.6808)	.5224	(.2057)	1.7651	(.6949)	.4566	(.1798)	2
				SURFACE TO 850MB								
JAN-1	1.3871	(.5461)	48010215	1.0055	(.3959)	.2208	(.0869)	1.0127	(.3987)	.2455	(.0967)	JAN-1
2	1.4432	(.5682)	70011700	1.0903	(.4293)	.1949	(.0767)	1.0681	(.4205)	.1956	(.0770)	2
FEB-1	1.6883	(.6647)	63029900	1.0890	(.4287)	.2493	(.0982)	1.0473	(.4123)	.2085	(.0821)	FEB-1
2	1.4392	(.5666)	46022803	1.0064	(.3962)	.1951	(.0768)	.9731	(.3831)	.1802	(.0709)	2
MAR-1	1.3625	(.5364)	54030915	1.0047	(.3955)	.1427	(.0562)	.9753	(.3840)	.1327	(.0523)	MAR-1
2	1.3970	(.5500)	67031612	1.0250	(.4036)	.1651	(.0650)	1.0121	(.3985)	.1378	(.0542)	2
APR-1	1.3551	(.5335)	48041003	1.0083	(.3970)	.1467	(.0578)	1.0463	(.4119)	.1477	(.0582)	APR-1
2	1.2347	(.4861)	59042600	.9911	(.3902)	.1659	(.0653)	.9880	(.3890)	.1337	(.0526)	2
MAY-1	1.3861	(.5457)	47050703	1.1004	(.4332)	.1439	(.0566)	1.0880	(.4283)	.1206	(.0475)	MAY-1
2	1.5403	(.6064)	67052300	1.1259	(.4433)	.1569	(.0618)	1.1350	(.4468)	.0983	(.0387)	2
JUN-1	1.6408	(.6460)	47060803	1.1761	(.4630)	.1611	(.0634)	1.2137	(.4778)	.1439	(.0566)	JUN-1
2	1.4986	(.5900)	51061903	1.2231	(.4815)	.1132	(.0446)	1.2314	(.4848)	.1269	(.0500)	2
JUL-1	1.8428	(.7255)	50071015	1.2746	(.5018)	.2248	(.0885)	1.2814	(.5045)	.2221	(.0874)	JUL-1
2	2.1486	(.8459)	70072700	1.4269	(.5618)	.2369	(.0933)	1.4015	(.5518)	.2070	(.0815)	2
AUG-1	2.0180	(.7945)	61089900	1.3865	(.5459)	.2231	(.0878)	1.3931	(.5485)	.1913	(.0753)	AUG-1
2	1.9172	(.7548)	61089912	1.3440	(.5291)	.1523	(.0600)	1.3119	(.5165)	.2447	(.0964)	2
SEP-1	1.7772	(.6997)	58090800	1.3413	(.5281)	.1932	(.0761)	1.3460	(.5299)	.2068	(.0814)	SEP-1
2	1.6787	(.6609)	66093000	1.3250	(.5217)	.2152	(.0847)	1.3035	(.5132)	.2085	(.0821)	2
OCT-1	1.7897	(.7046)	60109912	1.3324	(.5246)	.1935	(.0762)	1.3132	(.5170)	.1969	(.0775)	OCT-1
2	1.6005	(.6301)	47101703	1.2082	(.4757)	.1906	(.0750)	1.1563	(.4553)	.1903	(.0749)	2
NOV-1	1.5331	(.6036)	70110600	1.1947	(.4704)	.1757	(.0692)	1.1775	(.4636)	.1809	(.0712)	NOV-1
2	1.7910	(.7051)	50112015	1.1704	(.4608)	.2313	(.0910)	1.1057	(.4353)	.2577	(.1015)	2
DEC-1	1.5222	(.5993)	66120600	1.1345	(.4467)	.1668	(.0657)	1.1179	(.4401)	.1989	(.0783)	DEC-1
2	1.6589	(.6531)	64129900	1.0846	(.4270)	.2650	(.1043)	1.0822	(.4260)	.2525	(.0994)	2

SAULT STE. MARIE, MICH. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.0500	(.8071)	46010515	1.2194	(.4801)	.3953	(.1556)	1.2701	(.5001)	.3638	(.1432)	JAN-1
2	2.3515	(.9258)	49011603	1.2139	(.4779)	.4292	(.1690)	1.1135	(.4384)	.3587	(.1412)	2
FEB-1	2.4742	(.9741)	66021000	1.2006	(.4727)	.4439	(.1747)	1.2352	(.4863)	.3839	(.1511)	FEB-1
2	2.1768	(.8570)	51022615	1.0926	(.4302)	.4193	(.1651)	1.1903	(.4686)	.4406	(.1735)	2
MAR-1	2.4287	(.9562)	71031500	1.3499	(.5314)	.4363	(.1718)	1.3714	(.5399)	.4336	(.1707)	MAR-1
2	2.4582	(.9678)	67033112	1.5512	(.6107)	.4607	(.1814)	1.5918	(.6267)	.5950	(.2343)	2
APR-1	3.4417	(1.3550)	67041412	1.7712	(.6973)	.5322	(.2095)	1.8275	(.7195)	.5661	(.2229)	APR-1
2	3.2868	(1.2940)	57042003	2.2813	(.8982)	.5266	(.2073)	2.2448	(.8838)	.4868	(.1917)	2
MAY-1	3.6251	(1.4272)	59050612	2.5421	(1.0008)	.5690	(.2240)	2.6262	(1.0339)	.5888	(.2318)	MAY-1
2	3.9533	(1.5564)	60052112	2.9561	(1.1638)	.5139	(.2023)	2.9344	(1.1553)	.5148	(.2027)	2
JUN-1	4.4524	(1.7529)	49061503	3.5621	(1.4024)	.4950	(.1949)	3.5268	(1.3885)	.3611	(.1422)	JUN-1
2	5.2918	(2.0834)	59062800	3.7806	(1.4884)	.6176	(.2432)	3.6719	(1.4456)	.5868	(.2310)	2
JUL-1	5.0889	(2.0035)	70070112	3.7440	(1.4740)	.4541	(.1788)	3.7469	(1.4752)	.5904	(.2324)	JUL-1
2	5.4290	(2.1374)	55072703	3.9763	(1.5655)	.6121	(.2410)	3.9594	(1.5588)	.6265	(.2466)	2
AUG-1	4.7589	(1.8736)	55080503	3.7255	(1.4667)	.5282	(.2080)	3.7990	(1.4957)	.5554	(.2187)	AUG-1
2	5.6568	(2.2271)	68082400	3.9176	(1.5424)	.6570	(.2586)	3.9217	(1.5440)	.5429	(.2137)	2
SEP-1	4.8725	(1.9183)	47091015	3.7995	(1.4959)	.5083	(.2001)	3.7934	(1.4935)	.5431	(.2138)	SEP-1
2	4.5585	(1.7947)	58092500	3.3693	(1.3265)	.5656	(.2227)	3.1741	(1.2497)	.5885	(.2317)	2
OCT-1	3.7368	(1.4712)	70101000	2.9182	(1.1489)	.4767	(.1877)	2.8201	(1.1103)	.4695	(.1848)	OCT-1
2	4.0871	(1.6091)	71102000	2.5769	(1.0145)	.6450	(.2539)	2.5616	(1.0085)	.5952	(.2343)	2
NOV-1	3.1539	(1.2417)	56110115	2.0721	(.8158)	.4603	(.1812)	2.0954	(.8250)	.4590	(.1807)	NOV-1
2	3.4435	(1.3557)	58111800	1.8986	(.7475)	.5994	(.2360)	1.7709	(.6972)	.4544	(.1789)	2
DEC-1	2.4707	(.9727)	46120903	1.6576	(.6526)	.4523	(.1781)	1.6300	(.6418)	.3894	(.1533)	DEC-1
2	2.4102	(.9489)	65123112	1.3860	(.5457)	.4448	(.1751)	1.3327	(.5247)	.4586	(.1806)	2
				SURFACE TO 700MB								
JAN-1	1.4638	(.5763)	47011415	.8790	(.3461)	.2808	(.1106)	.9171	(.3611)	.2940	(.1158)	JAN-1
2	1.6096	(.6337)	49011603	.8655	(.3408)	.3311	(.1303)	.8121	(.3197)	.2840	(.1118)	2
FEB-1	1.6855	(.6636)	66021000	.8750	(.3445)	.2896	(.1140)	.8703	(.3426)	.2987	(.1176)	FEB-1
2	1.5156	(.5967)	71022700	.7925	(.3120)	.3040	(.1197)	.8492	(.3343)	.2710	(.1067)	2
MAR-1	1.7295	(.6809)	71031500	.9520	(.3748)	.2980	(.1173)	.9431	(.3713)	.2775	(.1093)	MAR-1
2	1.8151	(.7146)	67033112	1.1344	(.4466)	.3150	(.1240)	1.1607	(.4570)	.4166	(.1640)	2
APR-1	2.3292	(.9170)	67041412	1.3253	(.5218)	.3917	(.1542)	1.2865	(.5065)	.4204	(.1655)	APR-1
2	2.5436	(1.0014)	57042003	1.6732	(.6587)	.4040	(.1591)	1.6649	(.6555)	.3877	(.1527)	2
MAY-1	2.9149	(1.1476)	59050612	1.8894	(.7438)	.4143	(.1631)	1.9704	(.7757)	.4501	(.1772)	MAY-1
2	2.8443	(1.1198)	70053012	2.1696	(.8542)	.3879	(.1527)	2.1856	(.8605)	.4007	(.1578)	2
JUN-1	3.3404	(1.3151)	67061500	2.6406	(1.0396)	.3489	(.1374)	2.6352	(1.0375)	.2729	(.1075)	JUN-1
2	3.8057	(1.4983)	53062103	2.8789	(1.1334)	.4280	(.1685)	2.7646	(1.0884)	.3990	(.1571)	2
JUL-1	3.6586	(1.4404)	70070112	2.8566	(1.1246)	.3763	(.1481)	2.8443	(1.1198)	.3781	(.1488)	JUL-1
2	3.8816	(1.5282)	55072703	3.0054	(1.1832)	.4384	(.1726)	3.0144	(1.1868)	.4141	(.1630)	2
AUG-1	3.5606	(1.4018)	68080600	2.7869	(1.0972)	.3964	(.1561)	2.8283	(1.1135)	.3573	(.1407)	AUG-1
2	4.1600	(1.6378)	68082400	2.9940	(1.1787)	.4761	(.1874)	2.9629	(1.1665)	.3238	(.1275)	2
SEP-1	3.5143	(1.3836)	60090900	2.8663	(1.1285)	.3620	(.1425)	2.8381	(1.1174)	.4140	(.1630)	SEP-1
2	3.8133	(1.5013)	58092512	2.5943	(1.0214)	.4681	(.1843)	2.3790	(.9366)	.3073	(.1997)	2
OCT-1	2.8031	(1.1036)	49100915	2.2835	(.8990)	.3306	(.1301)	2.1429	(.8436)	.3740	(.1472)	OCT-1
2	2.8268	(1.1129)	71102000	1.9792	(.7792)	.5028	(.1980)	1.9647	(.7735)	.4601	(.1812)	2
NOV-1	2.4912	(.9808)	56110115	1.5494	(.6100)	.3652	(.1438)	1.5312	(.6028)	.3564	(.1403)	NOV-1
2	2.3962	(.9434)	58111800	1.4061	(.5536)	.4285	(.1687)	1.3376	(.5266)	.3747	(.1475)	2
DEC-1	1.8961	(.7465)	46120903	1.2159	(.4787)	.3569	(.1405)	1.1491	(.4524)	.3416	(.1345)	DEC-1
2	1.7930	(.7059)	67122112	.9484	(.3734)	.2769	(.1090)	.9663	(.3804)	.3387	(.1333)	2
				SURFACE TO 850MB								
JAN-1	.7663	(.3017)	47011415	.4413	(.1738)	.1230	(.0484)	.4488	(.1767)	.1317	(.0519)	JAN-1
2	.7559	(.2976)	69012400	.4335	(.1707)	.1435	(.0565)	.4164	(.1639)	.1426	(.0561)	2
FEB-1	.8489	(.3342)	66021000	.4266	(.1679)	.1219	(.0480)	.4154	(.1635)	.1486	(.0585)	FEB-1
2	.7008	(.2759)	55022015	.3974	(.1564)	.1204	(.0474)	.4138	(.1629)	.1186	(.0467)	2
MAR-1	.7577	(.2983)	71031500	.4750	(.1870)	.1259	(.0496)	.4624	(.1820)	.1115	(.0439)	MAR-1
2	.8999	(.3543)	66031812	.5855	(.2305)	.1556	(.0613)	.6074	(.2392)	.1865	(.0734)	2
APR-1	1.1041	(.4347)	67041412	.6646	(.2617)	.1730	(.0681)	.6669	(.2625)	.2009	(.0791)	APR-1
2	1.3907	(.5475)	57042015	.8865	(.3490)	.2391	(.0941)	.8539	(.3362)	.2291	(.0902)	2
MAY-1	1.6129	(.6350)	59050612	1.0309	(.4059)	.2329	(.0917)	1.0763	(.4238)	.2586	(.1018)	MAY-1
2	1.6571	(.6524)	69052900	1.1910	(.4689)	.2552	(.1005)	1.1872	(.4674)	.2432	(.0958)	2
JUN-1	1.9012	(.7485)	67061500	1.4595	(.5746)	.1901	(.0749)	1.4742	(.5804)	.1825	(.0719)	JUN-1
2	2.0833	(.8202)	53062103	1.6389	(.6452)	.2206	(.0869)	1.5462	(.6088)	.2116	(.0833)	2
JUL-1	2.1039	(.8283)	68071512	1.6203	(.6379)	.1923	(.0757)	1.6058	(.6322)	.2085	(.0821)	JUL-1
2	2.1582	(.8497)	55073103	1.7190	(.6768)	.2424	(.0954)	1.7091	(.6729)	.2208	(.0869)	2
AUG-1	2.0292	(.7989)	47081215	1.6025	(.6309)	.1971	(.0776)	1.6112	(.6343)	.1788	(.0704)	AUG-1
2	2.3002	(.9056)	68082400	1.7160	(.6756)	.2695	(.1061)	1.6905	(.6655)	.2116	(.0833)	2
SEP-1	2.0635	(.8124)	47091103	1.6356	(.6439)	.2420	(.0953)	1.6055	(.6321)	.2385	(.0939)	SEP-1
2	2.0208	(.7956)	58092512	1.4610	(.5752)	.2611	(.1028)	1.3951	(.5492)	.2553	(.1005)	2
OCT-1	1.6675	(.6565)	50100203	1.2610	(.4965)	.1961	(.0772)	1.2135	(.4777)	.2359	(.0929)	OCT-1
2	1.6939	(.6669)	68101600	1.1140	(.4386)	.2878	(.1133)	1.0995	(.4329)	.2695	(.1061)	2
NOV-1	1.4737	(.5802)	56110315	.8171	(.3217)	.1946	(.0766)	.8437	(.3322)	.2166	(.0853)	NOV-1
2	1.2324	(.4852)	58111800	.7307	(.2877)	.2202	(.0867)	.6988	(.2751)	.2054	(.0809)	2
DEC-1	.9787	(.3853)	46120903	.6137	(.2416)	.1861	(.0733)	.5707	(.2247)	.1633	(.0643)	DEC-1
2	.8082	(.3182)	59122712	.4572	(.1800)	.1103	(.0434)	.4843	(.1907)	.1505	(.0592)	2

SEATTLE, WASH. 18 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.6286	(1.0349)	62019900	1.8363	(.7230)	.3848	(.1515)	1.8139	(.7141)	.3569	(.1405)	JAN-1
2	2.5222	(.9930)	53019900	1.9340	(.7614)	.3346	(.1317)	1.8405	(.7246)	.3606	(.1420)	2
FEB-1	2.7622	(1.0875)	60029900	2.0122	(.7922)	.4473	(.1761)	1.8799	(.7401)	.4182	(.1646)	FEB-1
2	3.0744	(1.2104)	63029900	1.9320	(.7606)	.4554	(.1793)	1.8423	(.7253)	.4353	(.1714)	2
MAR-1	2.6736	(1.0526)	54039900	1.8067	(.7113)	.3502	(.1379)	1.7060	(.6717)	.3272	(.1288)	MAR-1
2	2.0544	(.8088)	53039912	1.8106	(.7128)	.1847	(.0727)	1.7712	(.6973)	.2131	(.0839)	2
APR-1	2.4737	(.9739)	48049912	2.0255	(.7974)	.2831	(.1115)	2.0010	(.7878)	.2914	(.1147)	APR-1
2	2.7216	(1.0715)	48049900	2.0123	(.7922)	.3923	(.1545)	1.9725	(.7766)	.2965	(.1167)	2
MAY-1	2.9538	(1.1629)	51059900	2.2320	(.8787)	.3260	(.1283)	2.2466	(.8845)	.3311	(.1303)	MAY-1
2	3.1938	(1.2574)	55059912	2.4473	(.9635)	.3567	(.1404)	2.4881	(.9796)	.3552	(.1399)	2
JUN-1	3.4305	(1.3506)	51069900	2.7819	(1.0952)	.3484	(.1372)	2.7156	(1.0691)	.3029	(.1193)	JUN-1
2	3.4933	(1.3753)	58069900	2.7869	(1.0972)	.3713	(.1462)	2.6635	(1.0486)	.3486	(.1372)	2
JUL-1	3.3584	(1.3222)	50079900	2.8254	(1.1124)	.3419	(.1346)	2.8168	(1.1090)	.3012	(.1186)	JUL-1
2	3.9078	(1.5385)	55079912	3.0431	(1.1981)	.4519	(.1779)	2.8268	(1.1129)	.4648	(.1830)	2
AUG-1	4.0752	(1.6044)	50089900	3.0103	(1.1851)	.4236	(.1668)	2.9852	(1.1753)	.3926	(.1546)	AUG-1
2	3.5933	(1.4147)	50089900	3.0279	(1.1921)	.3684	(.1451)	2.9210	(1.1500)	.3309	(.1303)	2
SEP-1	4.0808	(1.6066)	57099912	3.0947	(1.2184)	.3963	(.1560)	2.9653	(1.1674)	.4296	(.1691)	SEP-1
2	3.5273	(1.3887)	54099912	2.8647	(1.1278)	.2626	(.1034)	2.8526	(1.1231)	.3670	(.1445)	2
OCT-1	3.3373	(1.3139)	53109912	2.6933	(1.0603)	.3831	(.1508)	2.7273	(1.0737)	.3609	(.1421)	OCT-1
2	3.2972	(1.2981)	59109912	2.5892	(1.0194)	.3932	(.1548)	2.5097	(.9881)	.3899	(.1535)	2
NOV-1	3.4821	(1.3709)	54119912	2.3283	(.9167)	.3633	(.1430)	2.3094	(.9092)	.4976	(.1959)	NOV-1
2	3.1885	(1.2553)	54119900	2.3485	(.9246)	.4716	(.1857)	2.2046	(.8680)	.3519	(.1385)	2
DEC-1	3.0104	(1.1852)	58129900	1.9306	(.7601)	.5636	(.2219)	2.0917	(.8235)	.3764	(.1482)	DEC-1
2	2.5352	(.9981)	54129912	1.8068	(.7113)	.5169	(.2035)	1.9489	(.7673)	.3796	(.1495)	2
				SURFACE TO 700MB								
JAN-1	1.8890	(.7437)	62019912	1.3315	(.5242)	.2556	(.1006)	1.4057	(.5534)	.2630	(.1035)	JAN-1
2	1.9124	(.7529)	53019912	1.4454	(.5690)	.2613	(.1029)	1.3861	(.5457)	.2825	(.1112)	2
FEB-1	2.0145	(.7931)	61029912	1.4507	(.5711)	.3688	(.1452)	1.4707	(.5790)	.2962	(.1166)	FEB-1
2	2.4409	(.9610)	63029900	1.4860	(.5850)	.3346	(.1317)	1.4238	(.5605)	.2646	(.1042)	2
MAR-1	2.0480	(.8063)	46039900	1.4605	(.5750)	.2885	(.1136)	1.2881	(.5071)	.2532	(.0997)	MAR-1
2	1.6172	(.6367)	50039900	1.3814	(.5438)	.1215	(.0478)	1.3335	(.5250)	.1410	(.0555)	2
APR-1	1.9314	(.7604)	48049912	1.5546	(.6120)	.2066	(.0813)	1.5419	(.6070)	.2329	(.0917)	APR-1
2	2.1245	(.8364)	48049900	1.4878	(.5857)	.3064	(.1206)	1.5007	(.5908)	.2154	(.0848)	2
MAY-1	2.0465	(.8057)	47059900	1.7011	(.6697)	.1897	(.0747)	1.6707	(.6578)	.2036	(.0802)	MAY-1
2	2.5286	(.9955)	55059912	1.9189	(.7555)	.2672	(.1052)	1.9284	(.7592)	.2940	(.1158)	2
JUN-1	2.4638	(.9700)	48069912	2.0910	(.8232)	.2118	(.0834)	2.0491	(.8067)	.2320	(.0913)	JUN-1
2	2.5738	(1.0133)	50069912	2.1020	(.8275)	.2593	(.1021)	2.0606	(.8112)	.2181	(.0859)	2
JUL-1	2.6510	(1.0437)	50079900	2.2545	(.8876)	.2438	(.0960)	2.1848	(.8601)	.2475	(.0974)	JUL-1
2	2.9291	(1.1532)	46079900	2.3750	(.9350)	.3214	(.1265)	2.2627	(.8908)	.2757	(.1085)	2
AUG-1	2.8410	(1.1185)	55089900	2.3609	(.9295)	.3109	(.1224)	2.3654	(.9313)	.2164	(.0852)	AUG-1
2	2.7658	(1.0889)	50089900	2.3364	(.9199)	.2443	(.0962)	2.3096	(.9093)	.2014	(.0793)	2
SEP-1	2.9654	(1.1675)	57099912	2.3300	(.9173)	.2127	(.0838)	2.3094	(.9092)	.2789	(.1098)	SEP-1
2	2.8613	(1.1265)	53099912	2.2359	(.8803)	.2180	(.0858)	2.2342	(.8796)	.2653	(.1045)	2
OCT-1	2.6236	(1.0329)	47109912	2.1122	(.8316)	.3388	(.1334)	2.0432	(.8044)	.2940	(.1158)	OCT-1
2	2.6208	(1.0318)	59109900	1.9976	(.7864)	.2622	(.1032)	1.9028	(.7491)	.2794	(.1100)	2
NOV-1	2.5657	(1.0101)	54119912	1.7491	(.6886)	.2535	(.0998)	1.7712	(.6973)	.3399	(.1338)	NOV-1
2	2.5469	(1.0027)	54119900	1.7569	(.6917)	.3795	(.1494)	1.6941	(.6670)	.2867	(.1129)	2
DEC-1	2.2316	(.8786)	58129900	1.6212	(.6383)	.3147	(.1239)	1.6198	(.6377)	.2556	(.1006)	DEC-1
2	2.0952	(.8249)	50129912	1.5047	(.5924)	.2785	(.1097)	1.5117	(.5952)	.2930	(.1154)	2
				SURFACE TO 850MB								
JAN-1	1.0343	(.4072)	62019912	.7699	(.3031)	.1346	(.0530)	.8277	(.3258)	.1411	(.0556)	JAN-1
2	1.1415	(.4494)	53019912	.8849	(.3484)	.1311	(.0516)	.8375	(.3297)	.1566	(.0616)	2
FEB-1	1.2050	(.4744)	62029900	.8739	(.3440)	.2033	(.0800)	.8750	(.3445)	.1716	(.0676)	FEB-1
2	1.2827	(.5050)	63029900	.8794	(.3462)	.1500	(.0591)	.8408	(.3310)	.1127	(.0444)	2
MAR-1	1.0874	(.4281)	54039900	.8496	(.3345)	.1277	(.0503)	.7860	(.3095)	.1276	(.0502)	MAR-1
2	.9756	(.3841)	49039900	.8442	(.3324)	.0812	(.0320)	.7546	(.2971)	.1866	(.0735)	2
APR-1	1.1651	(.4587)	48049912	.9447	(.3719)	.1005	(.0396)	.9466	(.3727)	.1100	(.0433)	APR-1
2	1.2855	(.5061)	48049900	.9416	(.3707)	.1412	(.0556)	.9242	(.3638)	.1176	(.0463)	2
MAY-1	1.3307	(.5239)	47059900	1.0503	(.4135)	.1503	(.0592)	1.0024	(.3947)	.1020	(.0402)	MAY-1
2	1.4935	(.5880)	55059912	1.1750	(.4626)	.1756	(.0691)	1.1509	(.4531)	.1726	(.0680)	2
JUN-1	1.5410	(.6067)	48069912	1.2771	(.5028)	.1130	(.0445)	1.2435	(.4896)	.1190	(.0469)	JUN-1
2	1.6312	(.6422)	50069900	1.3174	(.5187)	.1360	(.0535)	1.3246	(.5215)	.1397	(.0550)	2
JUL-1	1.7018	(.6700)	52079912	1.4029	(.5523)	.1384	(.0545)	1.3878	(.5464)	.1327	(.0523)	JUL-1
2	1.9561	(.7701)	46079900	1.4862	(.5851)	.1754	(.0691)	1.4377	(.5660)	.1181	(.0465)	2
AUG-1	1.7071	(.6721)	63089912	1.4559	(.5732)	.1517	(.0597)	1.4663	(.5773)	.1323	(.0521)	AUG-1
2	1.6596	(.6534)	52089912	1.4295	(.5628)	.1286	(.0506)	1.4316	(.5636)	.1125	(.0443)	2
SEP-1	1.7592	(.6926)	53099900	1.4360	(.5654)	.1339	(.0527)	1.4290	(.5626)	.1612	(.0635)	SEP-1
2	1.5169	(.5972)	49099900	1.3712	(.5398)	.1179	(.0464)	1.3177	(.5188)	.1168	(.0460)	2
OCT-1	1.6807	(.6617)	60109912	1.2778	(.5031)	.1990	(.0783)	1.2816	(.5046)	.1842	(.0725)	OCT-1
2	1.5133	(.5958)	59109900	1.2345	(.4860)	.1196	(.0471)	1.1212	(.4414)	.1559	(.0614)	2
NOV-1	1.4945	(.5884)	54119912	1.0868	(.4279)	.1616	(.0636)	1.0593	(.4171)	.1957	(.0771)	NOV-1
2	1.4313	(.5635)	54119900	1.0572	(.4162)	.2015	(.0793)	.9971	(.3926)	.1549	(.0610)	2
DEC-1	1.2583	(.4954)	58129900	.9720	(.3827)	.1651	(.0650)	.9651	(.3800)	.1204	(.0474)	DEC-1
2	1.2563	(.4946)	50129900	.9038	(.3558)	.1742	(.0686)	.8772	(.3454)	.1594	(.0627)	2

SHREVEPORT, LA. 21 YEARS OF RECORD

MONTH	MAXIMUM 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.1260	(1.6244)	54011515	2.8835	(1.1352)	.5668	(.2232)	2.7379	(1.0779)	.6456	(.2542)	JAN-1
2	3.8405	(1.5120)	69013000	2.8101	(1.1063)	.5767	(.2270)	2.8105	(1.1065)	.6189	(.2436)	2
FEB-1	3.9649	(1.5610)	59021412	2.7990	(1.1020)	.5534	(.2179)	2.8114	(1.1068)	.4153	(.1635)	FEB-1
2	3.6330	(1.4303)	59022300	2.8090	(1.1059)	.6321	(.2488)	2.6544	(1.0450)	.6027	(.2373)	2
MAR-1	4.3406	(1.7089)	53031103	3.1400	(1.2362)	.4992	(.1965)	2.9328	(1.1547)	.5129	(.2019)	MAR-1
2	3.8291	(1.5075)	69032312	3.2215	(1.2683)	.4069	(.1602)	3.0396	(1.1967)	.4003	(.1576)	2
APR-1	4.2050	(1.6555)	65041200	3.3855	(1.3329)	.5375	(.2116)	3.2325	(1.2726)	.5089	(.2003)	APR-1
2	4.6990	(1.8500)	63042900	3.8180	(1.5031)	.4390	(.1728)	3.5819	(1.4102)	.3807	(.1499)	2
MAY-1	5.2667	(2.0735)	54050215	4.0730	(1.6035)	.4840	(.1905)	3.7485	(1.4758)	.6090	(.2398)	MAY-1
2	4.8532	(1.9107)	55052815	4.0566	(1.5971)	.2885	(.1136)	4.0489	(1.5941)	.3290	(.1295)	2
JUN-1	5.5923	(2.2017)	58061512	4.3634	(1.7179)	.4500	(.1772)	4.2522	(1.6741)	.4567	(.1798)	JUN-1
2	5.7958	(2.2818)	70062400	4.8031	(1.8910)	.5098	(.2007)	4.7811	(1.8823)	.3995	(.1573)	2
JUL-1	6.2512	(2.4611)	72070400	4.8827	(1.9223)	.5686	(.2239)	4.8292	(1.9013)	.4345	(.1711)	JUL-1
2	5.9164	(2.3293)	66072112	5.1426	(2.0246)	.4149	(.1634)	5.1404	(2.0238)	.4388	(.1728)	2
AUG-1	5.9776	(2.3534)	55080215	5.0421	(1.9851)	.3901	(.1536)	5.1161	(2.0142)	.3563	(.1403)	AUG-1
2	6.1392	(2.4170)	70082400	5.2022	(2.0481)	.4444	(.1750)	5.1462	(2.0261)	.3977	(.1566)	2
SEP-1	5.7653	(2.2698)	61091300	4.8124	(1.8946)	.4966	(.1955)	4.7584	(1.8734)	.4917	(.1936)	SEP-1
2	6.2202	(2.4489)	55092415	4.7031	(1.8516)	.6436	(.2534)	4.6930	(1.8476)	.6445	(.2537)	2
OCT-1	5.2939	(2.0842)	62100812	4.1136	(1.6195)	.6930	(.2729)	4.0046	(1.5766)	.6959	(.2740)	OCT-1
2	5.1067	(2.0105)	71101900	3.8033	(1.4974)	.7610	(.2996)	3.4513	(1.3588)	.5340	(.2102)	2
NOV-1	4.4907	(1.7680)	64111500	3.4215	(1.3471)	.5798	(.2283)	3.4286	(1.3498)	.6643	(.2615)	NOV-1
2	4.3861	(1.7268)	58111712	3.4565	(1.3608)	.5125	(.2018)	3.2983	(1.2986)	.6643	(.2615)	2
DEC-1	4.4663	(1.7584)	72121000	3.3038	(1.3007)	.4962	(.1954)	3.1597	(1.2440)	.4349	(.1712)	DEC-1
2	4.3965	(1.7309)	71121700	3.2006	(1.2601)	.6213	(.2446)	3.1238	(1.2298)	.5186	(.2042)	2
				SURFACE TO 700MB								
JAN-1	3.2738	(1.2889)	54011515	2.2348	(.8799)	.4129	(.1626)	2.1755	(.8565)	.5008	(.1972)	JAN-1
2	2.9792	(1.1729)	54012703	2.2833	(.8989)	.4395	(.1730)	2.2838	(.8991)	.4407	(.1735)	2
FEB-1	3.0744	(1.2104)	56020203	2.2758	(.8960)	.4363	(.1718)	2.2776	(.8967)	.3129	(.1232)	FEB-1
2	2.9820	(1.1740)	62022700	2.1533	(.8477)	.4837	(.1905)	2.1401	(.8425)	.4871	(.1918)	2
MAR-1	3.3548	(1.3208)	53031103	2.5137	(.9897)	.4293	(.1690)	2.3841	(.9386)	.4729	(.1862)	MAR-1
2	3.1887	(1.2554)	71032900	2.5627	(1.0089)	.3754	(.1478)	2.4580	(.9677)	.3172	(.1249)	2
APR-1	3.3825	(1.3317)	65041200	2.8057	(1.1046)	.4229	(.1665)	2.6883	(1.0584)	.4180	(.1646)	APR-1
2	3.5758	(1.4078)	63042900	3.0407	(1.1971)	.2864	(.1127)	2.8956	(1.1400)	.2822	(.1111)	2
MAY-1	3.9677	(1.5621)	67050700	3.3278	(1.3101)	.3185	(.1254)	3.0645	(1.2065)	.3399	(.1338)	MAY-1
2	3.9858	(1.5692)	55052815	3.3216	(1.3077)	.2905	(.1144)	3.2548	(1.2814)	.2609	(.1027)	2
JUN-1	4.0856	(1.6085)	53061115	3.5467	(1.3964)	.2867	(.1129)	3.4541	(1.3599)	.3116	(.1227)	JUN-1
2	4.2169	(1.6602)	70062400	3.6685	(1.4443)	.2934	(.1155)	3.6752	(1.4469)	.2965	(.1167)	2
JUL-1	4.8511	(1.9099)	72070400	3.7931	(1.4933)	.3233	(.1273)	3.7497	(1.4763)	.2534	(.0998)	JUL-1
2	5.0076	(1.9715)	52071615	3.9045	(1.5372)	.3117	(.1227)	3.9480	(1.5543)	.3668	(.1444)	2
AUG-1	4.3462	(1.7111)	55080215	3.8663	(1.5221)	.2826	(.1112)	3.8714	(1.5242)	.2329	(.0917)	AUG-1
2	4.6086	(1.8144)	55083015	3.9361	(1.5496)	.2745	(.1081)	3.9094	(1.5391)	.2177	(.0857)	2
SEP-1	4.0836	(1.6077)	72091000	3.6824	(1.4498)	.2635	(.1037)	3.6864	(1.4513)	.2499	(.0984)	SEP-1
2	4.4635	(1.7573)	55092415	3.6354	(1.4313)	.3751	(.1477)	3.5960	(1.4158)	.3604	(.1419)	2
OCT-1	4.0729	(1.6035)	62100812	3.2769	(1.2901)	.5424	(.2135)	3.2195	(1.2675)	.4777	(.1881)	OCT-1
2	3.8920	(1.5323)	71101900	2.9143	(1.1474)	.5395	(.2124)	2.8412	(1.1186)	.3420	(.1347)	2
NOV-1	3.5248	(1.3877)	64111500	2.7246	(1.0727)	.4421	(.1741)	2.7926	(1.0995)	.4890	(.1925)	NOV-1
2	3.6688	(1.4444)	58111712	2.7422	(1.0796)	.4652	(.1831)	2.6472	(1.0422)	.5320	(.2095)	2
DEC-1	3.4592	(1.3619)	72121000	2.5682	(1.0111)	.4282	(.1686)	2.5735	(1.0132)	.3905	(.1537)	DEC-1
2	3.3190	(1.3067)	71121700	2.5254	(.9943)	.4680	(.1842)	2.4642	(.9702)	.3879	(.1527)	2
				SURFACE TO 850MB								
JAN-1	1.9172	(.7548)	54011515	1.3959	(.5496)	.2748	(.1082)	1.3594	(.5352)	.3204	(.1261)	JAN-1
2	1.8341	(.7221)	57012215	1.4591	(.5745)	.2887	(.1136)	1.4576	(.5739)	.2917	(.1148)	2
FEB-1	1.8395	(.7242)	56021515	1.4156	(.5573)	.2311	(.0910)	1.4344	(.5647)	.2224	(.0876)	FEB-1
2	1.8418	(.7251)	55022715	1.2896	(.5077)	.3099	(.1220)	1.3429	(.5287)	.3044	(.1198)	2
MAR-1	2.1725	(.8553)	53031103	1.5477	(.6093)	.3150	(.1240)	1.5087	(.5940)	.2955	(.1163)	MAR-1
2	2.0871	(.8217)	54032503	1.5797	(.6219)	.2517	(.0991)	1.5843	(.6237)	.1901	(.0748)	2
APR-1	2.0645	(.8128)	54041103	1.7413	(.6856)	.2436	(.0959)	1.7414	(.6856)	.2352	(.0926)	APR-1
2	2.2052	(.8682)	70042412	1.9371	(.7626)	.1310	(.0516)	1.9024	(.7490)	.1458	(.0574)	2
MAY-1	2.3607	(.9294)	67050700	2.0740	(.8166)	.1560	(.0614)	1.9847	(.7814)	.1737	(.0684)	MAY-1
2	2.4661	(.9709)	53052903	2.0787	(.8184)	.1568	(.0617)	2.0490	(.8067)	.1724	(.0679)	2
JUN-1	2.8189	(1.1098)	53061115	2.2189	(.8736)	.1637	(.0645)	2.2324	(.8789)	.1896	(.0747)	JUN-1
2	2.7429	(1.0799)	70062812	2.3051	(.9075)	.1976	(.0778)	2.3273	(.9163)	.1788	(.0704)	2
JUL-1	2.6477	(1.0424)	72070400	2.3523	(.9261)	.1310	(.0516)	2.3475	(.9242)	.1174	(.0462)	JUL-1
2	3.0714	(1.2092)	52071615	2.3840	(.9386)	.1664	(.0655)	2.4494	(.9643)	.2138	(.0842)	2
AUG-1	2.7783	(1.0938)	66080100	2.3935	(.9423)	.1937	(.0763)	2.3996	(.9447)	.1229	(.0484)	AUG-1
2	2.7480	(1.0819)	55083015	2.4096	(.9487)	.1635	(.0644)	2.4208	(.9531)	.1207	(.0475)	2
SEP-1	2.6401	(1.0394)	72091000	2.2590	(.8894)	.1502	(.0591)	2.3254	(.9155)	.1595	(.0628)	SEP-1
2	2.6589	(1.0468)	55092215	2.2522	(.8867)	.1944	(.0765)	2.2566	(.8884)	.1947	(.0766)	2
OCT-1	2.5077	(.9873)	62100812	1.9852	(.7816)	.3227	(.1270)	2.0518	(.8078)	.2891	(.1138)	OCT-1
2	2.2875	(.9006)	71101900	1.8162	(.7150)	.2962	(.1166)	1.8130	(.7138)	.2169	(.0854)	2
NOV-1	2.2283	(.8773)	55111415	1.6841	(.6630)	.2906	(.1144)	1.7391	(.6847)	.2770	(.1091)	NOV-1
2	2.2766	(.8963)	52111615	1.6734	(.6588)	.2945	(.1159)	1.6758	(.6597)	.3588	(.1413)	2
DEC-1	2.1003	(.8269)	55120315	1.5662	(.6166)	.2598	(.1023)	1.6098	(.6338)	.2920	(.1149)	DEC-1
2	1.9469	(.7665)	67122012	1.5241	(.6000)	.2634	(.1037)	1.5397	(.6062)	.2799	(.1102)	2

SPOKANE,WASH. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.1166	(.8333)	69010500	1.3860	(.5457)	.3377	(.1330)	1.4572	(.5737)	.3116	(.1227)	JAN-1
2	2.5847	(1.0176)	71013012	1.4563	(.5733)	.3456	(.1361)	1.4452	(.5690)	.3402	(.1339)	2
FEB-1	2.2085	(.8695)	63029912	1.4256	(.5613)	.2611	(.1028)	1.4352	(.5651)	.3281	(.1292)	FEB-1
2	1.9101	(.7520)	68022000	1.3156	(.5179)	.3075	(.1210)	1.3256	(.5219)	.3350	(.1319)	2
MAR-1	1.8491	(.7280)	72031300	1.3338	(.5251)	.3180	(.1252)	1.2937	(.5093)	.3056	(.1203)	MAR-1
2	2.0604	(.8112)	72031600	1.4503	(.5710)	.2439	(.0960)	1.4103	(.5552)	.1864	(.0734)	2
APR-1	1.9083	(.7513)	46049900	1.4943	(.5883)	.2351	(.0926)	1.4751	(.5807)	.1952	(.0768)	APR-1
2	2.0739	(.8165)	53049900	1.5181	(.5977)	.2949	(.1161)	1.5176	(.5975)	.2760	(.1087)	2
MAY-1	2.4331	(.9579)	47059900	1.7279	(.6803)	.3083	(.1214)	1.7357	(.6833)	.3155	(.1242)	MAY-1
2	2.6957	(1.0613)	58059900	2.0295	(.7990)	.3119	(.1228)	2.0258	(.7975)	.3244	(.1277)	2
JUN-1	3.0480	(1.2000)	72060912	2.3065	(.9081)	.2923	(.1151)	2.2771	(.8965)	.3647	(.1436)	JUN-1
2	3.2438	(1.2771)	58069912	2.2604	(.8899)	.2525	(.0994)	2.4129	(.9500)	.3528	(.1389)	2
JUL-1	3.4033	(1.3399)	72071312	2.2602	(.8898)	.3730	(.1469)	2.4212	(.9532)	.3653	(.1438)	JUL-1
2	3.4493	(1.3580)	55079900	2.3051	(.9075)	.4547	(.1790)	2.3384	(.9206)	.3983	(.1568)	2
AUG-1	3.4407	(1.3546)	65081212	2.3379	(.9204)	.4478	(.1763)	2.3681	(.9323)	.4027	(.1585)	AUG-1
2	3.0112	(1.1855)	61089912	2.2695	(.8935)	.3941	(.1552)	2.2884	(.9009)	.3779	(.1488)	2
SEP-1	3.1702	(1.2481)	59099900	2.1394	(.8423)	.3786	(.1491)	2.1560	(.8488)	.3119	(.1228)	SEP-1
2	2.9428	(1.1586)	47099912	2.0632	(.8123)	.2839	(.1118)	2.1689	(.8539)	.2868	(.1129)	2
OCT-1	2.6817	(1.0558)	47109912	2.0268	(.7980)	.2716	(.1069)	2.0317	(.7999)	.2934	(.1155)	OCT-1
2	2.5154	(.9903)	59109912	1.8941	(.7457)	.2910	(.1145)	1.9124	(.7529)	.3346	(.1317)	2
NOV-1	2.5354	(.9982)	55119900	1.7933	(.7060)	.2956	(.1164)	1.7052	(.6713)	.2007	(.0790)	NOV-1
2	2.2563	(.8883)	59119900	1.7225	(.6782)	.2669	(.1051)	1.6596	(.6534)	.2760	(.1087)	2
DEC-1	2.3203	(.9135)	58129900	1.6147	(.6357)	.3253	(.1281)	1.5238	(.5999)	.2831	(.1115)	DEC-1
2	2.0411	(.8036)	69122112	1.5235	(.5998)	.2239	(.0882)	1.4684	(.5781)	.2582	(.1016)	2
				SURFACE TO 700MB								
JAN-1	1.2675	(.4990)	59019912	.9266	(.3648)	.1542	(.0607)	.9685	(.3813)	.1882	(.0741)	JAN-1
2	1.6159	(.6362)	71013012	.9369	(.3689)	.2371	(.0934)	.9342	(.3678)	.2319	(.0913)	2
FEB-1	1.4516	(.5715)	63029912	.9668	(.3806)	.1910	(.0752)	.9781	(.3851)	.1962	(.0772)	FEB-1
2	1.2794	(.5037)	68022000	.9057	(.3566)	.1819	(.0716)	.9054	(.3564)	.1939	(.0764)	2
MAR-1	1.3188	(.5192)	54039900	.9262	(.3646)	.2130	(.0839)	.8868	(.3491)	.1903	(.0749)	MAR-1
2	1.3879	(.5464)	46039900	.9615	(.3786)	.2006	(.0790)	.9615	(.3786)	.1399	(.0551)	2
APR-1	1.3414	(.5281)	46049900	1.0273	(.4044)	.1530	(.0602)	1.0149	(.3996)	.1299	(.0511)	APR-1
2	1.3896	(.5471)	53049900	1.0503	(.4135)	.1940	(.0764)	1.0352	(.4076)	.1673	(.0659)	2
MAY-1	1.5712	(.6186)	57059900	1.1867	(.4672)	.1675	(.0659)	1.2019	(.4732)	.1731	(.0681)	MAY-1
2	2.0432	(.8044)	58059900	1.3937	(.5487)	.2086	(.0821)	1.3536	(.5329)	.1939	(.0763)	2
JUN-1	2.1351	(.8406)	48069900	1.5867	(.6247)	.1943	(.0765)	1.5305	(.6025)	.2207	(.0869)	JUN-1
2	2.0107	(.7916)	58069912	1.5008	(.5909)	.3535	(.1392)	1.6116	(.6345)	.1925	(.0758)	2
JUL-1	2.0968	(.8255)	72071312	1.5533	(.6115)	.2249	(.0885)	1.6115	(.6344)	.207[illegible]	(.0818)	JUL-1
2	2.2014	(.8667)	55079900	1.5790	(.6217)	.2857	(.1125)	1.5775	(.6211)	.2376	(.0935)	2
AUG-1	2.1747	(.8562)	65081212	1.5979	(.6291)	.2659	(.1047)	1.5962	(.6284)	.2401	(.0945)	AUG-1
2	2.0208	(.7956)	61089900	1.5485	(.6096)	.2662	(.1048)	1.5427	(.6074)	.1975	(.0778)	2
SEP-1	2.0752	(.8170)	59099900	1.4564	(.5734)	.2022	(.0796)	1.4826	(.5837)	.1753	(.0690)	SEP-1
2	1.9698	(.7755)	47099912	1.3795	(.5431)	.2014	(.0793)	1.4262	(.5615)	.1702	(.0670)	2
OCT-1	1.9281	(.7591)	47109912	1.3483	(.5308)	.1934	(.0761)	1.3368	(.5263)	.1967	(.0775)	OCT-1
2	1.7729	(.6980)	59109912	1.2594	(.4958)	.1637	(.0644)	1.2851	(.5059)	.1644	(.0647)	2
NOV-1	1.6492	(.6493)	55119900	1.1741	(.4623)	.1801	(.0709)	1.1182	(.4402)	.1405	(.0553)	NOV-1
2	1.3419	(.5283)	47119900	1.0893	(.4289)	.1399	(.0551)	1.0925	(.4301)	.1647	(.0648)	2
DEC-1	1.3757	(.5416)	58129900	1.0406	(.4097)	.1964	(.0773)	1.0078	(.3968)	.1698	(.0669)	DEC-1
2	1.2649	(.4980)	50129900	.9903	(.3899)	.1584	(.0624)	.9608	(.3783)	.1464	(.0576)	2
				SURFACE TO 850MB								
JAN-1	.4727	(.1861)	53019900	.3665	(.1443)	.0630	(.0248)	.3681	(.1449)	.0597	(.0235)	JAN-1
2	.6050	(.2382)	71013012	.3794	(.1494)	.1025	(.0404)	.3786	(.1490)	.1031	(.0406)	2
FEB-1	.5685	(.2238)	63029912	.4001	(.1575)	.0729	(.0287)	.3971	(.1564)	.0738	(.0291)	FEB-1
2	.5634	(.2218)	47029900	.3854	(.1517)	.0826	(.0325)	.3813	(.1501)	.0819	(.0322)	2
MAR-1	.5601	(.2205)	72031300	.3868	(.1523)	.0852	(.0335)	.3622	(.1426)	.0801	(.0315)	MAR-1
2	.6139	(.2417)	47039900	.4143	(.1631)	.0750	(.0295)	.4020	(.1583)	.0615	(.0242)	2
APR-1	.6337	(.2495)	46049900	.4351	(.1713)	.0800	(.0315)	.4303	(.1694)	.0649	(.0256)	APR-1
2	.6464	(.2545)	47049900	.4429	(.1744)	.0922	(.0363)	.4349	(.1712)	.0754	(.0297)	2
MAY-1	.7165	(.2821)	47059900	.4987	(.1963)	.0851	(.0335)	.5091	(.2004)	.0829	(.0326)	MAY-1
2	.7628	(.3003)	61059900	.5835	(.2297)	.0927	(.0365)	.5654	(.2226)	.0832	(.0328)	2
JUN-1	.8933	(.3517)	48069900	.6471	(.2548)	.0909	(.0358)	.6412	(.2524)	.0818	(.0322)	JUN-1
2	.8616	(.3392)	47069912	.6377	(.2510)	.0881	(.0347)	.6756	(.2660)	.1016	(.0400)	2
JUL-1	.8578	(.3377)	46079900	.6241	(.2457)	.0879	(.0346)	.6715	(.2644)	.0867	(.0341)	JUL-1
2	.9121	(.3591)	47079900	.6307	(.2483)	.1161	(.0457)	.6742	(.2654)	.1040	(.0409)	2
AUG-1	.9319	(.3669)	63089912	.6465	(.2545)	.1091	(.0430)	.6823	(.2686)	.0969	(.0381)	AUG-1
2	.9169	(.3610)	46089900	.6394	(.2517)	.1288	(.0507)	.6514	(.2565)	.0950	(.0374)	2
SEP-1	.8131	(.3201)	46099900	.5979	(.2354)	.0789	(.0311)	.6241	(.2457)	.0721	(.0284)	SEP-1
2	.9606	(.3782)	47099912	.5847	(.2302)	.1025	(.0404)	.6038	(.2377)	.0968	(.0381)	2
OCT-1	.8727	(.3436)	47109912	.5632	(.2218)	.0947	(.0373)	.5693	(.2241)	.1028	(.0405)	OCT-1
2	.6858	(.2700)	59109912	.5464	(.2151)	.0722	(.0284)	.5463	(.2151)	.0674	(.0265)	2
NOV-1	.6630	(.2618)	55119900	.4913	(.1934)	.0785	(.0309)	.4545	(.1789)	.0651	(.0256)	NOV-1
2	.6386	(.2514)	59119912	.4436	(.1746)	.0699	(.0275)	.4529	(.1783)	.0754	(.0297)	2
DEC-1	.5651	(.2225)	57129912	.4091	(.1611)	.0729	(.0287)	.3940	(.1551)	.0658	(.0259)	DEC-1
2	.5862	(.2308)	58129912	.3806	(.1499)	.0751	(.0296)	.3789	(.1492)	.0843	(.0332)	2

TAMPA, FLA. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.5126	(1.7766)	70010612	3.4963	(1.3765)	.5949	(.2342)	3.4906	(1.3743)	.5024	(.1978)	JAN-1
2	4.6579	(1.8338)	47012103	3.5916	(1.4140)	.5009	(.1972)	3.4887	(1.3735)	.4979	(.1960)	2
FEB-1	4.4483	(1.7513)	71020600	3.6340	(1.4307)	.4610	(.1815)	3.5718	(1.4062)	.4639	(.1827)	FEB-1
2	4.5829	(1.8043)	66022800	3.4993	(1.3777)	.5078	(.1999)	3.4302	(1.3505)	.4468	(.1759)	2
MAR-1	4.8405	(1.9057)	59031212	3.7778	(1.4873)	.4574	(.1801)	3.6684	(1.4443)	.5244	(.2065)	MAR-1
2	4.7092	(1.8540)	70032800	3.6894	(1.4525)	.5351	(.2107)	3.6289	(1.4287)	.4750	(.1870)	2
APR-1	4.8946	(1.9270)	48040215	3.7852	(1.4902)	.4940	(.1945)	3.8105	(1.5002)	.4953	(.1950)	APR-1
2	4.8354	(1.9037)	59042200	3.8961	(1.5339)	.4683	(.1844)	3.6516	(1.4376)	.3859	(.1519)	2
MAY-1	5.0449	(1.9862)	54051303	4.1336	(1.6274)	.4824	(.1899)	3.9562	(1.5575)	.3790	(.1492)	MAY-1
2	5.5385	(2.1805)	47052503	4.5314	(1.7840)	.5207	(.2050)	4.3317	(1.7054)	.4219	(.1661)	2
JUN-1	5.8077	(2.2865)	46060315	4.9243	(1.9387)	.4565	(.1797)	4.7622	(1.8749)	.5677	(.2235)	JUN-1
2	5.9731	(2.3516)	72061912	5.1446	(2.0254)	.3470	(.1366)	5.0176	(1.9754)	.4145	(.1632)	2
JUL-1	5.6185	(2.2120)	71070800	5.1675	(2.0345)	.2808	(.1106)	4.9914	(1.9651)	.3545	(.1396)	JUL-1
2	5.9494	(2.3423)	60072900	5.2454	(2.0651)	.2751	(.1083)	5.1523	(2.0285)	.4055	(.1597)	2
AUG-1	6.5557	(2.5810)	51081015	5.4725	(2.1545)	.2974	(.1171)	5.2845	(2.0805)	.4232	(.1666)	AUG-1
2	6.0896	(2.3975)	58081912	5.4230	(2.1350)	.2891	(.1138)	5.2961	(2.0851)	.3101	(.1221)	2
SEP-1	6.4051	(2.5217)	62090100	5.3890	(2.1217)	.3588	(.1412)	5.1491	(2.0272)	.4676	(.1841)	SEP-1
2	6.1887	(2.4365)	51092915	5.2731	(2.0760)	.3388	(.1334)	5.1165	(2.0144)	.4140	(.1630)	2
OCT-1	6.1595	(2.4250)	46100803	5.1605	(2.0317)	.4479	(.1764)	4.8788	(1.9208)	.4610	(.1815)	OCT-1
2	5.9520	(2.3433)	68101812	4.4204	(1.7403)	.7458	(.2936)	4.3818	(1.7251)	.8081	(.3182)	2
NOV-1	5.4595	(2.1494)	69110100	4.1284	(1.6254)	.6986	(.2750)	4.0095	(1.5786)	.4755	(.1872)	NOV-1
2	4.7986	(1.8892)	72112600	3.8570	(1.5185)	.5832	(.2296)	3.6551	(1.4390)	.6487	(.2554)	2
DEC-1	4.7805	(1.8821)	53120703	3.7732	(1.4855)	.5851	(.2304)	3.6039	(1.4189)	.6319	(.2488)	DEC-1
2	4.8052	(1.8918)	68122000	3.7905	(1.4923)	.4733	(.1863)	3.6745	(1.4467)	.3998	(.1574)	2
				SURFACE TO 700MB								
JAN-1	4.0828	(1.6074)	47011503	2.8872	(1.1367)	.4797	(.1888)	2.8466	(1.1207)	.3311	(.1303)	JAN-1
2	3.4864	(1.3726)	47012103	2.9218	(1.1503)	.2722	(.1071)	2.8462	(1.1205)	.2968	(.1169)	2
FEB-1	3.3635	(1.3242)	67020712	2.8984	(1.1411)	.2935	(.1155)	2.8349	(1.1161)	.3131	(.1233)	FEB-1
2	3.3581	(1.3221)	71022300	2.8480	(1.1213)	.3072	(.1210)	2.7875	(1.0974)	.3170	(.1248)	2
MAR-1	3.6325	(1.4301)	63030400	3.0469	(1.1996)	.2716	(.1069)	3.0176	(1.1880)	.3306	(.1302)	MAR-1
2	3.6855	(1.4510)	57032503	3.0408	(1.1972)	.4001	(.1575)	2.9742	(1.1709)	.3239	(.1275)	2
APR-1	3.9870	(1.5697)	56040715	3.0466	(1.1995)	.3193	(.1257)	3.1629	(1.2452)	.3782	(.1489)	APR-1
2	3.9065	(1.5380)	71042700	3.1663	(1.2466)	.2805	(.1104)	3.0550	(1.2027)	.2468	(.0972)	2
MAY-1	4.1217	(1.6227)	56050803	3.3737	(1.3282)	.3377	(.1330)	3.2017	(1.2605)	.2187	(.0861)	MAY-1
2	4.0843	(1.6080)	47052503	3.5803	(1.4096)	.2805	(.1104)	3.4620	(1.3630)	.2251	(.0886)	2
JUN-1	4.5509	(1.7917)	68061300	3.7974	(1.4950)	.2881	(.1134)	3.7398	(1.4724)	.2730	(.1075)	JUN-1
2	4.7285	(1.8616)	52062615	3.9089	(1.5390)	.2313	(.0911)	3.8873	(1.5304)	.2921	(.1150)	2
JUL-1	4.5141	(1.7772)	60070612	3.9225	(1.5443)	.1979	(.0779)	3.9014	(1.5360)	.2557	(.1007)	JUL-1
2	4.6662	(1.8371)	53072015	4.0523	(1.5954)	.2005	(.0789)	3.9833	(1.5682)	.2857	(.1125)	2
AUG-1	5.0284	(1.9797)	51081015	4.1190	(1.6216)	.2115	(.0833)	4.0626	(1.5995)	.2643	(.1040)	AUG-1
2	4.6477	(1.8298)	51083015	4.1396	(1.6298)	.2185	(.0860)	4.0831	(1.6075)	.2139	(.0842)	2
SEP-1	4.6129	(1.8161)	62090100	4.1091	(1.6178)	.1981	(.0780)	3.9689	(1.5625)	.2200	(.0866)	SEP-1
2	4.4574	(1.7549)	70092900	4.0906	(1.6105)	.1772	(.0698)	3.9294	(1.5470)	.1741	(.0686)	2
OCT-1	4.4811	(1.7642)	69100500	3.9327	(1.5483)	.2288	(.0901)	3.7637	(1.4818)	.2260	(.0890)	OCT-1
2	4.2989	(1.6925)	59101700	3.5032	(1.3792)	.3717	(.1463)	3.4108	(1.3428)	.4649	(.1830)	2
NOV-1	3.9286	(1.5467)	58110700	3.3535	(1.3203)	.3572	(.1406)	3.2038	(1.2613)	.3373	(.1328)	NOV-1
2	3.8141	(1.5016)	53112315	3.0912	(1.2170)	.4014	(.1580)	2.9936	(1.1786)	.4432	(.1745)	2
DEC-1	3.8514	(1.5163)	72120600	3.0154	(1.1872)	.4525	(.1782)	2.8953	(1.1399)	.4493	(.1769)	DEC-1
2	3.5890	(1.4130)	61121900	3.0345	(1.1947)	.3365	(.1325)	3.0008	(1.1814)	.2711	(.1067)	2
				SURFACE TO 850MB								
JAN-1	2.5730	(1.0130)	47011503	1.9259	(.7582)	.2510	(.0988)	1.8546	(.7301)	.1851	(.0729)	JAN-1
2	2.2449	(.8838)	47013115	1.8728	(.7373)	.1459	(.0574)	1.8819	(.7409)	.1579	(.0622)	2
FEB-1	2.1971	(.8650)	56020515	1.8492	(.7280)	.1721	(.0678)	1.8162	(.7151)	.2053	(.0808)	FEB-1
2	2.1826	(.8593)	61022100	1.8198	(.7165)	.2222	(.0875)	1.8446	(.7262)	.1819	(.0716)	2
MAR-1	2.2819	(.8984)	63030400	1.9746	(.7774)	.1488	(.0586)	1.9724	(.7765)	.1581	(.0622)	MAR-1
2	2.2957	(.9038)	69032500	1.9659	(.7740)	.1796	(.0707)	1.9423	(.7647)	.1721	(.0678)	2
APR-1	2.4404	(.9608)	56040715	2.0294	(.7990)	.2128	(.0838)	2.0510	(.8075)	.2006	(.0790)	APR-1
2	2.4270	(.9555)	71042700	2.0591	(.8107)	.1314	(.0517)	2.0492	(.8068)	.1127	(.0444)	2
MAY-1	2.5720	(1.0126)	56050803	2.1647	(.8523)	.1824	(.0718)	2.1109	(.8311)	.1262	(.0497)	MAY-1
2	2.5585	(1.0073)	53052803	2.2758	(.8960)	.1517	(.0597)	2.2491	(.8855)	.1335	(.0526)	2
JUN-1	2.7859	(1.0968)	52061503	2.3932	(.9422)	.1676	(.0660)	2.4063	(.9474)	.1491	(.0587)	JUN-1
2	2.9207	(1.1499)	52062615	2.5012	(.9847)	.1197	(.0471)	2.5286	(.9955)	.1697	(.0668)	2
JUL-1	2.8976	(1.1408)	69070700	2.5414	(1.0006)	.1347	(.0530)	2.5228	(.9932)	.1299	(.0511)	JUL-1
2	2.8517	(1.1227)	55072415	2.5806	(1.0160)	.1072	(.0422)	2.5528	(1.0050)	.1459	(.0574)	2
AUG-1	2.8824	(1.1348)	51080915	2.6181	(1.0307)	.1180	(.0465)	2.6159	(1.0299)	.1109	(.0437)	AUG-1
2	2.8651	(1.1280)	51083015	2.6240	(1.0331)	.0926	(.0364)	2.6127	(1.0286)	.1075	(.0423)	2
SEP-1	2.7955	(1.1006)	63091300	2.5681	(1.0110)	.1016	(.0400)	2.5219	(.9929)	.1008	(.0397)	SEP-1
2	2.6855	(1.0573)	60091900	2.5564	(1.0064)	.0836	(.0329)	2.4699	(.9724)	.0983	(.0387)	2
OCT-1	2.6553	(1.0454)	69100400	2.4328	(.9578)	.1155	(.0455)	2.3888	(.9405)	.1328	(.0523)	OCT-1
2	2.7069	(1.0657)	72102812	2.2315	(.8786)	.1804	(.0710)	2.1677	(.8534)	.2470	(.0972)	2
NOV-1	2.4788	(.9759)	58110112	2.1315	(.8392)	.1799	(.0708)	2.0893	(.8226)	.1866	(.0735)	NOV-1
2	2.4392	(.9603)	57111712	2.0223	(.7962)	.2352	(.0926)	2.0072	(.7902)	.2232	(.0879)	2
DEC-1	2.4722	(.9733)	72121512	1.9537	(.7692)	.2494	(.0982)	1.9030	(.7492)	.2480	(.0976)	DEC-1
2	2.4828	(.9775)	51122203	1.9230	(.7571)	.2248	(.0885)	1.9531	(.7689)	.1733	(.0682)	2

TATOOSH,WASH. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.7424	(1.0797)	69010412	1.9799	(.7795)	.4039	(.1590)	1.9515	(.7683)	.4050	(.1594)	JAN-1
2	2.8158	(1.1086)	71013012	1.9345	(.7616)	.3558	(.1401)	2.0650	(.8130)	.3551	(.1398)	2
FEB-1	2.6944	(1.0608)	62020212	2.0602	(.8111)	.3043	(.1198)	2.0269	(.7980)	.3554	(.1399)	FEB-1
2	2.5992	(1.0233)	63022512	1.8686	(.7357)	.3553	(.1399)	1.8118	(.7133)	.3944	(.1553)	2
MAR-1	2.7315	(1.0754)	72031512	1.7988	(.7082)	.3434	(.1352)	1.7967	(.7074)	.3778	(.1487)	MAR-1
2	2.7788	(1.0940)	66032912	1.9451	(.7658)	.3119	(.1228)	1.8896	(.7439)	.3363	(.1324)	2
APR-1	2.3533	(.9265)	60040300	1.8492	(.7280)	.2819	(.1110)	1.9030	(.7492)	.2353	(.0926)	APR-1
2	2.7262	(1.0733)	57042803	1.9019	(.7488)	.3836	(.1510)	1.9698	(.7755)	.3365	(.1325)	2
MAY-1	2.9507	(1.1617)	66050612	1.9960	(.7858)	.2926	(.1152)	2.1346	(.8404)	.3711	(.1461)	MAY-1
2	3.2136	(1.2652)	68052000	2.2717	(.8944)	.3465	(.1364)	2.4152	(.9509)	.3549	(.1397)	2
JUN-1	3.5232	(1.3871)	55060403	2.6076	(1.0266)	.4268	(.1680)	2.6090	(1.0271)	.3282	(.1292)	JUN-1
2	3.4691	(1.3658)	68062612	2.6438	(1.0409)	.3502	(.1379)	2.6985	(1.0624)	.3595	(.1415)	2
JUL-1	3.8959	(1.5338)	72071300	2.6761	(1.0536)	.3803	(.1497)	2.8231	(1.1115)	.3217	(.1267)	JUL-1
2	3.8590	(1.5193)	55072903	2.7536	(1.0841)	.4024	(.1584)	2.7868	(1.0972)	.4026	(.1585)	2
AUG-1	4.0505	(1.5947)	58080700	2.9073	(1.1446)	.3724	(.1466)	2.8341	(1.1158)	.3327	(.1310)	AUG-1
2	3.7325	(1.4695)	62082012	3.0148	(1.1869)	.3961	(.1560)	2.9133	(1.1470)	.4091	(.1611)	2
SEP-1	4.2916	(1.6896)	57090600	2.8314	(1.1147)	.4452	(.1753)	2.9048	(1.1436)	.3969	(.1563)	SEP-1
2	3.5928	(1.4145)	54092315	2.8645	(1.1278)	.4616	(.1817)	3.0014	(1.1816)	.4474	(.1761)	2
OCT-1	3.6802	(1.4489)	47100303	2.9060	(1.1441)	.3365	(.1325)	2.7388	(1.0783)	.3403	(.1340)	OCT-1
2	3.7950	(1.4941)	46102403	2.7343	(1.0765)	.3870	(.1524)	2.5908	(1.0200)	.4607	(.1814)	2
NOV-1	3.9309	(1.5476)	55110915	2.4190	(.9524)	.3818	(.1503)	2.3737	(.9345)	.4110	(.1618)	NOV-1
2	3.4460	(1.3567)	59112300	2.3466	(.9239)	.4225	(.1664)	2.2420	(.8827)	.3710	(.1461)	2
DEC-1	2.8748	(1.1318)	56120203	2.1738	(.8558)	.3257	(.1282)	2.1778	(.8574)	.3026	(.1191)	DEC-1
2	2.9964	(1.1797)	63122312	2.0831	(.8201)	.4150	(.1634)	2.0842	(.8206)	.3544	(.1395)	2
				SURFACE TO 700MB								
JAN-1	2.0429	(.8043)	56011515	1.5205	(.5986)	.2762	(.1087)	1.5497	(.6101)	.2994	(.1179)	JAN-1
2	2.0602	(.8111)	71013012	1.5043	(.5923)	.2646	(.1042)	1.5773	(.6210)	.2780	(.1094)	2
FEB-1	2.2492	(.8855)	62020212	1.5950	(.6280)	.2172	(.0855)	1.5682	(.6174)	.2749	(.1082)	FEB-1
2	1.9738	(.7771)	63022600	1.4449	(.5688)	.2434	(.0958)	1.4315	(.5636)	.2772	(.1091)	2
MAR-1	1.9345	(.7616)	68030412	1.4074	(.5541)	.2513	(.0989)	1.3935	(.5486)	.2336	(.0920)	MAR-1
2	1.9614	(.7722)	66032912	1.4975	(.5895)	.2175	(.0856)	1.4788	(.5822)	.2186	(.0860)	2
APR-1	1.8992	(.7477)	72040500	1.4300	(.5630)	.2279	(.0897)	1.4795	(.5825)	.1737	(.0684)	APR-1
2	1.9601	(.7717)	57042803	1.5160	(.5968)	.2515	(.0990)	1.5049	(.5925)	.2328	(.0917)	2
MAY-1	2.0879	(.8220)	66050612	1.5206	(.5986)	.1959	(.0771)	1.6372	(.6446)	.2462	(.0969)	MAY-1
2	2.3254	(.9155)	68052000	1.7590	(.6925)	.2485	(.0978)	1.8631	(.7335)	.2169	(.0854)	2
JUN-1	2.6137	(1.0290)	51061403	1.9605	(.7718)	.2494	(.0982)	1.9549	(.7696)	.2242	(.0883)	JUN-1
2	2.5194	(.9919)	50061703	2.0443	(.8049)	.2146	(.0845)	2.0425	(.8041)	.2316	(.0912)	2
JUL-1	2.5832	(1.0170)	72071300	2.1174	(.8336)	.2435	(.0959)	2.1194	(.8344)	.2201	(.0867)	JUL-1
2	2.7343	(1.0765)	55072903	2.1739	(.8559)	.2593	(.1021)	2.1446	(.8443)	.2560	(.1008)	2
AUG-1	2.8486	(1.1215)	58080612	2.2639	(.8913)	.2354	(.0927)	2.2126	(.8711)	.1964	(.0773)	AUG-1
2	2.7849	(1.0964)	62082012	2.3052	(.9075)	.2673	(.1052)	2.2640	(.8913)	.2357	(.0928)	2
SEP-1	3.0160	(1.1874)	57090600	2.2307	(.8782)	.2723	(.1072)	2.2282	(.8772)	.2679	(.1055)	SEP-1
2	2.8722	(1.1308)	67091912	2.1716	(.8550)	.2994	(.1179)	2.3126	(.9105)	.3559	(.1401)	2
OCT-1	2.6507	(1.0436)	61101300	2.1745	(.8561)	.2227	(.0877)	2.0842	(.8206)	.2590	(.1020)	OCT-1
2	2.6896	(1.0589)	55102503	2.0931	(.8241)	.2564	(.1009)	2.0148	(.7932)	.3148	(.1239)	2
NOV-1	2.9174	(1.1486)	55110915	1.8250	(.7185)	.2804	(.1104)	1.8465	(.7270)	.3185	(.1254)	NOV-1
2	2.4930	(.9815)	54112115	1.7886	(.7042)	.3200	(.1260)	1.7382	(.6843)	.2781	(.1095)	2
DEC-1	2.1483	(.8458)	58120112	1.6835	(.6628)	.2404	(.0946)	1.6711	(.6579)	.2210	(.0870)	DEC-1
2	2.1857	(.8605)	67122512	1.6121	(.6347)	.3035	(.1195)	1.6214	(.6384)	.2658	(.1047)	2
				SURFACE TO 850MB								
JAN-1	1.1697	(.4605)	65011412	.8974	(.3533)	.1517	(.0597)	.9144	(.3600)	.1620	(.0638)	JAN-1
2	1.2182	(.4796)	68012012	.9106	(.3585)	.1476	(.0581)	.9354	(.3683)	.1684	(.0663)	2
FEB-1	1.3221	(.5205)	62020212	.9447	(.3719)	.1119	(.0441)	.9422	(.3709)	.1588	(.0625)	FEB-1
2	1.1262	(.4434)	63022600	.8797	(.3463)	.1259	(.0496)	.8813	(.3470)	.1467	(.0578)	2
MAR-1	1.0884	(.4285)	68030412	.8549	(.3366)	.1143	(.0450)	.8310	(.3272)	.1103	(.0434)	MAR-1
2	1.2626	(.4971)	72031600	.8976	(.3534)	.1226	(.0483)	.9071	(.3571)	.1307	(.0514)	2
APR-1	1.1366	(.4475)	61040300	.8970	(.3531)	.1201	(.0473)	.9155	(.3604)	.0979	(.0385)	APR-1
2	1.1651	(.4587)	52041803	.9436	(.3715)	.1375	(.0542)	.9208	(.3625)	.1221	(.0481)	2
MAY-1	1.2652	(.4981)	72051212	.9562	(.3765)	.1048	(.0412)	1.0115	(.3982)	.1144	(.0450)	MAY-1
2	1.3612	(.5359)	72052812	1.0949	(.4311)	.1290	(.0508)	1.1367	(.4475)	.1150	(.0453)	2
JUN-1	1.5578	(.6133)	51061415	1.1859	(.4669)	.1125	(.0443)	1.1906	(.4688)	.1303	(.0513)	JUN-1
2	1.5613	(.6147)	50062915	1.2580	(.4953)	.1184	(.0466)	1.2580	(.4953)	.1254	(.0494)	2
JUL-1	1.5314	(.6029)	49071315	1.3113	(.5163)	.1365	(.0538)	1.3218	(.5204)	.1198	(.0472)	JUL-1
2	1.6891	(.6650)	58072700	1.3534	(.5328)	.1428	(.0562)	1.3717	(.5401)	.1023	(.0403)	2
AUG-1	1.6266	(.6404)	58080700	1.3902	(.5473)	.0981	(.0386)	1.3665	(.5380)	.0831	(.0327)	AUG-1
2	1.7168	(.6759)	62082000	1.4063	(.5537)	.1293	(.0509)	1.4020	(.5520)	.1207	(.0475)	2
SEP-1	1.7810	(.7012)	55090215	1.3749	(.5413)	.1408	(.0554)	1.3794	(.5431)	.1471	(.0579)	SEP-1
2	1.6855	(.6636)	67091912	1.3375	(.5266)	.1416	(.0558)	1.3771	(.5422)	.1851	(.0729)	2
OCT-1	1.5476	(.6093)	50100715	1.2777	(.5030)	.1436	(.0565)	1.2588	(.4956)	.1431	(.0564)	OCT-1
2	1.5204	(.5986)	67103100	1.2454	(.4903)	.1476	(.0581)	1.2185	(.4797)	.1631	(.0642)	2
NOV-1	1.5740	(.6197)	55110915	1.1013	(.4336)	.1541	(.0607)	1.1217	(.4416)	.1743	(.0686)	NOV-1
2	1.4895	(.5864)	54112115	1.0831	(.4264)	.1586	(.0624)	1.0384	(.4088)	.1521	(.0599)	2
DEC-1	1.2860	(.5063)	52121303	1.0128	(.3987)	.1348	(.0531)	1.0124	(.3986)	.1194	(.0470)	DEC-1
2	1.3124	(.5167)	58123100	.9596	(.3778)	.1690	(.0666)	.9831	(.3870)	.1406	(.0553)	2

TOPEKA, KANS. 19 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.5469	(1.3964)	55010315	1.6777	(.6605)	.7287	(.2869)	1.6878	(.6645)	.7258	(.2857)	JAN-1
2	2.5989	(1.0232)	69011600	1.5900	(.6260)	.4666	(.1837)	1.5463	(.6088)	.4568	(.1798)	2
FEB-1	2.5098	(.9881)	66020900	1.6318	(.6425)	.3020	(.1189)	1.5832	(.6233)	.3207	(.1263)	FEB-1
2	2.5817	(1.0164)	71021900	1.6697	(.6574)	.5284	(.2080)	1.6201	(.6378)	.4206	(.1656)	2
MAR-1	2.8207	(1.1105)	72031300	1.8156	(.7148)	.4907	(.1932)	1.6990	(.6689)	.4384	(.1726)	MAR-1
2	2.9741	(1.1709)	59032600	2.0752	(.8170)	.4818	(.1897)	2.0431	(.8044)	.4367	(.1719)	2
APR-1	3.8773	(1.5265)	67040812	2.4684	(.9718)	.4953	(.1950)	2.4385	(.9600)	.5742	(.2261)	APR-1
2	3.5141	(1.3835)	57043003	2.9017	(1.1424)	.3059	(.1204)	2.8180	(1.1095)	.2611	(.1028)	2
MAY-1	3.7158	(1.4629)	70051300	3.1052	(1.2225)	.4432	(.1745)	3.0633	(1.2060)	.3910	(.1540)	MAY-1
2	4.7554	(1.8722)	62052900	3.5707	(1.4058)	.4841	(.1906)	3.4894	(1.3738)	.2816	(.1109)	2
JUN-1	5.2951	(2.0847)	66061300	4.1614	(1.6384)	.6588	(.2594)	4.0221	(1.5835)	.4394	(.1730)	JUN-1
2	5.7422	(2.2607)	69063012	4.3777	(1.7235)	.5745	(.2262)	4.3290	(1.7043)	.6054	(.2383)	2
JUL-1	5.4051	(2.1280)	67070912	4.5533	(1.7926)	.3618	(.1424)	4.7980	(1.8890)	.3967	(.1562)	JUL-1
2	5.5456	(2.1833)	57072700	4.6679	(1.8377)	.5310	(.2091)	4.8032	(1.8910)	.3390	(.1335)	2
AUG-1	6.1377	(2.4164)	66080200	4.6791	(1.8421)	.6443	(.2537)	4.5726	(1.8002)	.5528	(.2176)	AUG-1
2	5.0670	(1.9949)	54082403	4.4137	(1.7377)	.4036	(.1589)	4.5312	(1.7839)	.3329	(.1311)	2
SEP-1	5.3924	(2.1230)	70091500	4.0935	(1.6116)	.6143	(.2418)	4.1591	(1.6375)	.5162	(.2032)	SEP-1
2	5.3236	(2.0959)	58092400	3.9173	(1.5423)	.6727	(.2648)	3.8424	(1.5127)	.5215	(.2053)	2
OCT-1	4.9591	(1.9524)	54100403	3.4049	(1.3405)	.6846	(.2695)	3.4538	(1.3598)	.6539	(.2574)	OCT-1
2	3.9398	(1.5511)	68101612	3.0533	(1.2021)	.5361	(.2111)	2.8268	(1.1129)	.5934	(.2336)	2
NOV-1	3.9215	(1.5439)	61110200	2.4524	(.9655)	.6351	(.2500)	2.3727	(.9341)	.5919	(.2330)	NOV-1
2	3.2647	(1.2853)	64111600	2.2304	(.8781)	.6109	(.2405)	1.9628	(.7728)	.5107	(.2010)	2
DEC-1	3.2456	(1.2778)	65121100	1.8746	(.7380)	.4903	(.1930)	1.8493	(.7281)	.4036	(.1589)	DEC-1
2	2.8882	(1.1371)	65122400	1.7865	(.7034)	.5377	(.2117)	1.6187	(.6373)	.3592	(.1414)	2
				SURFACE TO 700MB								
JAN-1	2.4834	(.9777)	55010315	1.2421	(.4890)	.5545	(.2183)	1.2106	(.4766)	.5038	(.1983)	JAN-1
2	2.1745	(.8561)	68012912	1.1827	(.4656)	.3366	(.1325)	1.1521	(.4536)	.4240	(.1669)	2
FEB-1	1.8082	(.7119)	57020815	1.1753	(.4627)	.2258	(.0889)	1.1591	(.4563)	.2692	(.1060)	FEB-1
2	2.0935	(.8242)	71021812	1.2487	(.4916)	.3902	(.1536)	1.2435	(.4896)	.3634	(.1431)	2
MAR-1	2.2263	(.8765)	72031300	1.4269	(.5618)	.4358	(.1716)	1.3289	(.5232)	.4152	(.1634)	MAR-1
2	2.3581	(.9284)	67032600	1.6057	(.6322)	.3454	(.1360)	1.5135	(.5959)	.3715	(.1463)	2
APR-1	2.7028	(1.0641)	67040200	1.9632	(.7729)	.4009	(.1578)	1.8623	(.7332)	.4259	(.1677)	APR-1
2	2.7965	(1.1010)	64042000	2.2939	(.9031)	.2199	(.0866)	2.2344	(.8797)	.2198	(.0865)	2
MAY-1	3.3589	(1.3224)	70051300	2.4771	(.9753)	.4050	(.1595)	2.3992	(.9446)	.3168	(.1247)	MAY-1
2	3.9218	(1.5440)	59053000	2.7653	(1.0887)	.3396	(.1337)	2.7040	(1.0646)	.2596	(.1022)	2
JUN-1	3.9035	(1.5368)	68061500	3.1901	(1.2560)	.3753	(.1477)	3.0153	(1.1871)	.2552	(.1005)	JUN-1
2	4.3693	(1.7202)	57063000	3.4572	(1.3611)	.4294	(.1690)	3.3032	(1.3005)	.3884	(.1529)	2
JUL-1	3.9403	(1.5513)	57070112	3.4954	(1.3762)	.2192	(.0863)	3.4927	(1.3751)	.2191	(.0863)	JUL-1
2	4.0477	(1.5936)	57072700	3.5282	(1.3891)	.2750	(.1083)	3.4843	(1.3718)	.2251	(.0886)	2
AUG-1	4.3955	(1.7305)	66080200	3.5185	(1.3852)	.4071	(.1603)	3.3337	(1.3125)	.3174	(.1249)	AUG-1
2	3.8397	(1.5117)	63082712	3.3115	(1.3037)	.2305	(.0907)	3.2843	(1.2930)	.2763	(.1088)	2
SEP-1	3.8186	(1.5034)	70090600	3.1662	(1.2466)	.3921	(.1544)	3.1636	(1.2455)	.3833	(.1509)	SEP-1
2	3.7871	(1.4910)	58092400	3.0210	(1.1894)	.4776	(.1880)	2.9118	(1.1464)	.3243	(.1277)	2
OCT-1	3.6916	(1.4534)	54100215	2.6485	(1.0427)	.4546	(.1790)	2.6687	(1.0507)	.4814	(.1895)	OCT-1
2	2.8938	(1.1393)	71101812	2.3143	(.9111)	.4177	(.1644)	2.1825	(.8593)	.4519	(.1779)	2
NOV-1	2.7508	(1.0830)	64111512	1.9094	(.7517)	.4577	(.1802)	1.8024	(.7096)	.4502	(.1773)	NOV-1
2	2.5159	(.9905)	71111800	1.6159	(.6362)	.4797	(.1889)	1.4829	(.5838)	.4308	(.1696)	2
DEC-1	2.3091	(.9091)	65121100	1.3511	(.5319)	.3900	(.1536)	1.3818	(.5440)	.3637	(.1432)	DEC-1
2	2.1179	(.8338)	72123000	1.3220	(.5205)	.3845	(.1514)	1.2175	(.4793)	.2994	(.1179)	2
				SURFACE TO 850MB								
JAN-1	1.3338	(.5251)	55010315	.6680	(.2630)	.2800	(.1102)	.6474	(.2549)	.2728	(.1074)	JAN-1
2	1.2624	(.4970)	67012412	.6523	(.2568)	.1968	(.0775)	.6491	(.2556)	.2508	(.0987)	2
FEB-1	1.1082	(.4363)	57020903	.6751	(.2658)	.1719	(.0677)	.5999	(.2362)	.1632	(.0642)	FEB-1
2	1.1798	(.4645)	71021812	.6717	(.2645)	.1977	(.0778)	.6781	(.2670)	.2256	(.0888)	2
MAR-1	1.3015	(.5124)	72031212	.7638	(.3007)	.2397	(.0944)	.7546	(.2971)	.2658	(.1046)	MAR-1
2	1.2852	(.5060)	66032112	.8815	(.3470)	.2125	(.0837)	.8298	(.3267)	.2173	(.0855)	2
APR-1	1.5182	(.5977)	67040200	1.0935	(.4305)	.2641	(.1040)	1.0545	(.4152)	.2626	(.1034)	APR-1
2	1.6307	(.6420)	54043003	1.2930	(.5091)	.1696	(.0668)	1.2746	(.5018)	.1091	(.0430)	2
MAY-1	1.9251	(.7579)	70051300	1.4229	(.5602)	.2465	(.0970)	1.3898	(.5471)	.2105	(.0829)	MAY-1
2	2.2504	(.8860)	59053000	1.5810	(.6224)	.2040	(.0803)	1.5797	(.6219)	.1726	(.0679)	2
JUN-1	2.1222	(.8355)	70061500	1.8388	(.7239)	.1729	(.0681)	1.7477	(.6881)	.1684	(.0663)	JUN-1
2	2.5260	(.9945)	57063000	2.0175	(.7943)	.2356	(.0927)	1.8545	(.7301)	.1686	(.0664)	2
JUL-1	2.3421	(.9221)	71070900	2.0349	(.8011)	.1458	(.0574)	1.9519	(.7685)	.1555	(.0612)	JUL-1
2	2.3396	(.9211)	58072000	2.0346	(.8010)	.1654	(.0651)	1.9651	(.7737)	.1373	(.0540)	2
AUG-1	2.4397	(.9605)	62080700	2.0197	(.7952)	.1955	(.0770)	1.9033	(.7493)	.1663	(.0655)	AUG-1
2	2.2685	(.8931)	68081600	1.9232	(.7572)	.1588	(.0625)	1.8460	(.7268)	.1749	(.0688)	2
SEP-1	2.1902	(.8623)	70090600	1.8321	(.7213)	.2850	(.1122)	1.8038	(.7101)	.1999	(.0787)	SEP-1
2	2.0091	(.7910)	58092400	1.6805	(.6616)	.2561	(.1008)	1.6787	(.6609)	.1857	(.0731)	2
OCT-1	2.0970	(.8256)	54100215	1.5174	(.5974)	.2176	(.0857)	1.5164	(.5970)	.2476	(.0975)	OCT-1
2	1.7008	(.6696)	65101612	1.2983	(.5112)	.2537	(.0999)	1.2536	(.4936)	.2469	(.0972)	2
NOV-1	1.5624	(.6151)	64111512	1.0864	(.4277)	.2363	(.0930)	1.0450	(.4114)	.2610	(.1028)	NOV-1
2	1.4188	(.5586)	71111600	.8770	(.3453)	.3072	(.1209)	.8208	(.3231)	.2441	(.0961)	2
DEC-1	1.2568	(.4948)	65121100	.7439	(.2929)	.2524	(.0994)	.7606	(.2994)	.2192	(.0863)	DEC-1
2	1.0973	(.4322)	72123000	.7065	(.2782)	.2081	(.0819)	.6589	(.2594)	.1966	(.0774)	2

TUCSON, ARIZ. 21 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.4354	(.9588)	57019912	1.5808	(.6224)	.4994	(.1966)	1.4700	(.5787)	.4704	(.1852)	JAN-1
2	2.1811	(.8587)	69012600	1.4772	(.5816)	.3519	(.1385)	1.4297	(.5629)	.3392	(.1336)	2
FEB-1	2.3960	(.9433)	68021000	1.4878	(.5857)	.4242	(.1670)	1.4348	(.5649)	.4836	(.1904)	FEB-1
2	2.2977	(.9046)	67022612	1.3209	(.5201)	.3502	(.1379)	1.3797	(.5432)	.4860	(.1914)	2
MAR-1	2.2184	(.8734)	54039900	1.4463	(.5694)	.4188	(.1649)	1.3646	(.5372)	.3775	(.1486)	MAR-1
2	2.5176	(.9912)	63039900	1.4678	(.5779)	.4739	(.1866)	1.4225	(.5601)	.3312	(.1304)	2
APR-1	2.3947	(.9428)	68041212	1.4174	(.5580)	.2762	(.1087)	1.4348	(.5649)	.3909	(.1539)	APR-1
2	2.5839	(1.0173)	63049900	1.5044	(.5923)	.3986	(.1569)	1.4451	(.5689)	.3323	(.1308)	2
MAY-1	2.2388	(.8814)	55059900	1.6242	(.6394)	.3296	(.1298)	1.5594	(.6139)	.3462	(.1363)	MAY-1
2	3.0328	(1.1940)	72053000	1.8792	(.7398)	.4795	(.1888)	1.8500	(.7283)	.4921	(.1937)	2
JUN-1	3.4836	(1.3715)	53069900	2.2676	(.8928)	.5748	(.2263)	2.1438	(.8440)	.5012	(.1973)	JUN-1
2	4.3129	(1.6980)	58069912	2.9111	(1.1461)	.6997	(.2755)	2.9664	(1.1679)	.7208	(.2838)	2
JUL-1	4.5938	(1.8086)	53079900	3.7354	(1.4706)	.4555	(.1793)	3.7617	(1.4810)	.3567	(.1404)	JUL-1
2	4.7633	(1.8753)	66072712	4.1364	(1.6285)	.3272	(.1288)	4.2015	(1.6541)	.2558	(.1007)	2
AUG-1	4.8196	(1.8975)	54089912	4.0975	(1.6132)	.4729	(.1862)	4.1683	(1.6411)	.3618	(.1424)	AUG-1
2	4.6586	(1.8341)	55089900	3.9152	(1.5414)	.4783	(.1883)	3.9568	(1.5578)	.3928	(.1546)	2
SEP-1	4.5057	(1.7739)	58099900	3.6901	(1.4528)	.6070	(.2390)	3.6020	(1.4181)	.5373	(.2115)	SEP-1
2	4.1425	(1.6309)	61099900	2.9404	(1.1576)	.7768	(.3058)	2.9709	(1.1697)	.6647	(.2617)	2
OCT-1	4.1786	(1.6451)	72100500	2.7694	(1.0903)	.7314	(.2880)	2.6081	(1.0268)	.6311	(.2485)	OCT-1
2	3.4018	(1.3393)	64109900	2.1764	(.8569)	.6908	(.2720)	1.9681	(.7749)	.5095	(.2006)	2
NOV-1	2.8097	(1.1062)	62119900	1.8964	(.7466)	.4757	(.1873)	1.8155	(.7148)	.3748	(.1476)	NOV-1
2	3.0353	(1.1950)	65112300	1.7534	(.6903)	.3931	(.1548)	1.7810	(.7012)	.3803	(.1497)	2
DEC-1	2.4478	(.9637)	65121000	1.6515	(.6502)	.4085	(.1608)	1.6160	(.6362)	.4005	(.1577)	DEC-1
2	2.7493	(1.0824)	59129900	1.7072	(.6721)	.5622	(.2213)	1.6317	(.6424)	.4026	(.1585)	2
				SURFACE TO 700MB								
JAN-1	1.6307	(.6420)	57019900	1.0619	(.4181)	.3172	(.1249)	1.0191	(.4012)	.2928	(.1153)	JAN-1
2	1.4790	(.5823)	69012612	.9807	(.3861)	.2139	(.0842)	.9840	(.3874)	.2077	(.0818)	2
FEB-1	1.5771	(.6209)	68021000	.9737	(.3833)	.2845	(.1120)	.9894	(.3895)	.3193	(.1257)	FEB-1
2	1.4168	(.5578)	59029900	.9339	(.3677)	.2430	(.0957)	.9757	(.3841)	.2818	(.1109)	2
MAR-1	1.4475	(.5699)	54039900	1.0013	(.3942)	.2701	(.1063)	.9814	(.3864)	.2332	(.0918)	MAR-1
2	1.6990	(.6689)	63039900	.9983	(.3930)	.3137	(.1235)	1.0397	(.4093)	.2295	(.0903)	2
APR-1	1.6195	(.6376)	68041212	.9765	(.3844)	.1964	(.0773)	1.0147	(.3995)	.2565	(.1010)	APR-1
2	1.7592	(.6926)	63049900	1.0320	(.4063)	.2831	(.1115)	1.0238	(.4031)	.2551	(.1004)	2
MAY-1	1.4338	(.5645)	68050312	1.0163	(.4001)	.2069	(.0815)	1.0816	(.4258)	.2215	(.0872)	MAY-1
2	1.7442	(.6867)	72053000	1.1952	(.4706)	.2757	(.1085)	1.2340	(.4858)	.2922	(.1151)	2
JUN-1	2.2065	(.8687)	53069912	1.3964	(.5498)	.2938	(.1157)	1.4240	(.5606)	.3319	(.1307)	JUN-1
2	2.9439	(1.1590)	54069900	1.9289	(.7594)	.5055	(.1990)	1.9919	(.7842)	.4360	(.1716)	2
JUL-1	2.7861	(1.0969)	54079900	2.3304	(.9175)	.2977	(.1172)	2.3947	(.9428)	.2141	(.0843)	JUL-1
2	3.0889	(1.2161)	53079912	2.6360	(1.0378)	.1903	(.0749)	2.7095	(1.0667)	.2138	(.0842)	2
AUG-1	3.1399	(1.2362)	54089912	2.6504	(1.0435)	.2951	(.1162)	2.7021	(1.0638)	.2225	(.0876)	AUG-1
2	3.1732	(1.2493)	71081800	2.5514	(1.0045)	.3710	(.1461)	2.6297	(1.0353)	.2720	(.1071)	2
SEP-1	2.8522	(1.1229)	61099900	2.3825	(.9380)	.3781	(.1488)	2.3792	(.9367)	.3217	(.1267)	SEP-1
2	2.6970	(1.0618)	61099900	1.9716	(.7762)	.4625	(.1821)	2.0459	(.8055)	.3834	(.1510)	2
OCT-1	2.6919	(1.0598)	72100500	1.8404	(.7246)	.4148	(.1633)	1.8312	(.7210)	.3156	(.1242)	OCT-1
2	2.3927	(.9420)	58109900	1.4950	(.5886)	.4581	(.1804)	1.4333	(.5643)	.3391	(.1335)	2
NOV-1	1.9385	(.7632)	69111100	1.3081	(.5150)	.3392	(.1336)	1.3299	(.5236)	.2779	(.1094)	NOV-1
2	1.8463	(.7269)	65112300	1.2090	(.4760)	.2630	(.1036)	1.2359	(.4866)	.2335	(.0919)	2
DEC-1	1.6302	(.6418)	59129912	1.1454	(.4509)	.2334	(.0919)	1.1075	(.4360)	.2607	(.1026)	DEC-1
2	1.7602	(.6930)	59129900	1.1448	(.4507)	.3416	(.1345)	1.1174	(.4399)	.2709	(.1067)	2
				SURFACE TO 850MB								
JAN-1	.6624	(.2608)	57019900	.4128	(.1625)	.1213	(.0478)	.4103	(.1615)	.1141	(.0449)	JAN-1
2	.5522	(.2174)	61019912	.3800	(.1496)	.0847	(.0334)	.4069	(.1602)	.0835	(.0329)	2
FEB-1	.6231	(.2453)	68021000	.3795	(.1494)	.1195	(.0470)	.4049	(.1594)	.1233	(.0486)	FEB-1
2	.5987	(.2357)	59029912	.3685	(.1451)	.1050	(.0414)	.3968	(.1562)	.1162	(.0458)	2
MAR-1	.5931	(.2335)	68030200	.3876	(.1526)	.1066	(.0420)	.4029	(.1586)	.0889	(.0350)	MAR-1
2	.6909	(.2720)	63039900	.3816	(.1502)	.1211	(.0477)	.4065	(.1601)	.0962	(.0379)	2
APR-1	.6261	(.2465)	68041212	.3645	(.1435)	.0842	(.0331)	.3965	(.1561)	.1059	(.0417)	APR-1
2	.6439	(.2535)	63049900	.3794	(.1494)	.1138	(.0448)	.4153	(.1635)	.1135	(.0447)	2
MAY-1	.5159	(.2031)	63059912	.3585	(.1411)	.0772	(.0304)	.4237	(.1668)	.0776	(.0306)	MAY-1
2	.7488	(.2948)	58059912	.4313	(.1698)	.1177	(.0463)	.4960	(.1953)	.1319	(.0519)	2
JUN-1	.8758	(.3448)	53069912	.4849	(.1909)	.1068	(.0420)	.5363	(.2112)	.1265	(.0498)	JUN-1
2	1.0963	(.4316)	58069912	.6843	(.2694)	.2007	(.0790)	.7811	(.3075)	.1725	(.0679)	2
JUL-1	1.1140	(.4386)	64079912	.8539	(.3362)	.1327	(.0523)	.9320	(.3669)	.0926	(.0364)	JUL-1
2	1.3970	(.5500)	53079912	.9968	(.3924)	.0823	(.0324)	1.0635	(.4187)	.1018	(.0401)	2
AUG-1	1.4186	(.5585)	66081300	1.0030	(.3949)	.1557	(.0613)	1.0676	(.4203)	.0902	(.0355)	AUG-1
2	1.2090	(.4760)	71081800	.9632	(.3792)	.1384	(.0545)	1.0293	(.4052)	.0907	(.0357)	2
SEP-1	1.1212	(.4414)	67090412	.8734	(.3438)	.1397	(.0550)	.9218	(.3629)	.1351	(.0532)	SEP-1
2	1.0460	(.4118)	66091612	.7063	(.2781)	.1646	(.0648)	.7978	(.3141)	.1518	(.0598)	2
OCT-1	1.0053	(.3958)	72100500	.6635	(.2612)	.1580	(.0622)	.7365	(.2900)	.1287	(.0507)	OCT-1
2	.9169	(.3610)	58109900	.5567	(.2192)	.1890	(.0744)	.5596	(.2203)	.1482	(.0584)	2
NOV-1	.7696	(.3030)	60119912	.5019	(.1976)	.1267	(.0499)	.5261	(.2071)	.1049	(.0413)	NOV-1
2	.7308	(.2877)	65112300	.4661	(.1835)	.1106	(.0436)	.4808	(.1893)	.0992	(.0391)	2
DEC-1	.6452	(.2540)	65120912	.4408	(.1736)	.0824	(.0325)	.4366	(.1719)	.0910	(.0358)	DEC-1
2	.6919	(.2724)	57129900	.4334	(.1706)	.1371	(.0540)	.4304	(.1695)	.1135	(.0447)	2

WALLOPS ISLAND, VA. 9 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.7765	(1.4868)	71010512	2.5362	(.9985)	.9630	(.3791)	2.7427	(1.0798)	.8881	(.3497)	JAN-1
2	3.2525	(1.2805)	70013000	2.4649	(.9704)	.4379	(.1724)	2.1250	(.8366)	.5527	(.2176)	2
FEB-1	3.4404	(1.3545)	72020400	2.3406	(.9215)	.8883	(.3497)	2.6127	(1.0286)	.4105	(.1616)	FEB-1
2	3.7427	(1.4735)	65022512	2.2971	(.9044)	.6629	(.2610)	2.3707	(.9333)	.7507	(.2955)	2
MAR-1	3.9144	(1.5411)	67030712	2.6712	(1.0516)	.8671	(.3414)	2.7613	(1.0871)	.6415	(.2526)	MAR-1
2	3.3063	(1.3017)	71031600	2.5019	(.9850)	.7598	(.2991)	2.6379	(1.0385)	.3076	(.1211)	2
APR-1	3.8260	(1.5063)	69040600	2.7355	(1.0770)	.8076	(.3179)	3.0558	(1.2031)	.4654	(.1832)	APR-1
2	3.7948	(1.4940)	66042300	2.9745	(1.1711)	.9794	(.3856)	3.0718	(1.2094)	.4164	(.1639)	2
MAY-1	4.5359	(1.7858)	67051500	3.4363	(1.3529)	.8426	(.3317)	3.3568	(1.3216)	.2671	(.1052)	MAY-1
2	4.6190	(1.8185)	71051612	3.6171	(1.4241)	.5383	(.2119)	3.8284	(1.5072)	.5623	(.2214)	2
JUN-1	4.8141	(1.8953)	69061500	4.1152	(1.6201)	.6296	(.2479)	3.9855	(1.5691)	.3701	(.1457)	JUN-1
2	5.1603	(2.0316)	72062100	4.2286	(1.6648)	.9222	(.3631)	4.3319	(1.7055)	.2474	(.0974)	2
JUL-1	5.4955	(2.1636)	69070200	4.8052	(1.8918)	.5627	(.2216)	4.6623	(1.8356)	.3099	(.1220)	JUL-1
2	5.6429	(2.2216)	70073112	5.0971	(2.0067)	.4272	(.1682)	5.0920	(2.0047)	.3928	(.1546)	2
AUG-1	5.4214	(2.1344)	69080500	4.5922	(1.8080)	1.0485	(.4128)	4.7347	(1.8640)	.3623	(.1426)	AUG-1
2	5.8102	(2.2875)	66082400	4.8045	(1.8915)	1.0393	(.4092)	5.0116	(1.9731)	.3365	(.1325)	2
SEP-1	5.3609	(2.1106)	71091200	4.6129	(1.8161)	.5159	(.2031)	4.4830	(1.7650)	.3669	(.1444)	SEP-1
2	5.1143	(2.0135)	72092800	4.2256	(1.6636)	.5711	(.2248)	4.2101	(1.6575)	.4104	(.1616)	2
OCT-1	5.2149	(2.0531)	71100212	3.7830	(1.4894)	1.2198	(.4802)	3.8439	(1.5134)	1.1611	(.4571)	OCT-1
2	5.1930	(2.0445)	68101912	3.5247	(1.3877)	1.0846	(.4270)	3.7624	(1.4813)	.8096	(.3187)	2
NOV-1	3.9035	(1.5368)	71110100	2.9754	(1.1714)	.7587	(.2987)	3.1278	(1.2314)	.5528	(.2176)	NOV-1
2	3.7976	(1.4951)	64112012	2.7900	(1.0984)	.4510	(.1776)	2.6289	(1.0350)	.6798	(.2676)	2
DEC-1	3.8740	(1.5252)	71120712	2.9771	(1.1721)	.5285	(.2081)	3.2224	(1.2687)	.5232	(.2060)	DEC-1
2	4.4635	(1.7573)	72122212	2.7574	(1.0856)	.4544	(.1789)	2.6402	(1.0394)	1.0339	(.4071)	2
				SURFACE TO 700MB								
JAN-1	2.7450	(1.0807)	71010512	1.8536	(.7297)	.7186	(.2829)	2.0207	(.7956)	.6583	(.2592)	JAN-1
2	2.4536	(.9660)	70013000	1.8348	(.7224)	.3521	(.1386)	1.5997	(.6298)	.4583	(.1804)	2
FEB-1	2.5761	(1.0142)	72020400	1.7854	(.7029)	.7018	(.2763)	1.9570	(.7705)	.3783	(.1489)	FEB-1
2	2.7018	(1.0637)	65022512	1.6712	(.6580)	.4635	(.1825)	1.7490	(.6886)	.5765	(.2270)	2
MAR-1	2.7544	(1.0844)	67030712	2.0317	(.7999)	.6527	(.2570)	2.0330	(.8004)	.4625	(.1821)	MAR-1
2	2.4907	(.9806)	70032100	1.9289	(.7594)	.5359	(.2110)	1.9914	(.7840)	.2646	(.1042)	2
APR-1	2.7663	(1.0891)	70040212	2.0516	(.8077)	.5671	(.2233)	2.3445	(.9230)	.3476	(.1369)	APR-1
2	2.8293	(1.1139)	66042300	2.2097	(.8699)	.6102	(.2403)	2.4187	(.9523)	.4253	(.1675)	2
MAY-1	3.2398	(1.2755)	67051500	2.5915	(1.0203)	.5620	(.2213)	2.5448	(1.0019)	.1837	(.0723)	MAY-1
2	3.4135	(1.3439)	69052000	2.7582	(1.0859)	.3647	(.1436)	2.8867	(1.1365)	.4212	(.1658)	2
JUN-1	3.8214	(1.5045)	66061012	3.1239	(1.2299)	.3318	(.1306)	3.1686	(1.2475)	.2873	(.1131)	JUN-1
2	3.7897	(1.4920)	72062200	3.2736	(1.2888)	.5818	(.2291)	3.4159	(1.3449)	.1557	(.0613)	2
JUL-1	4.1532	(1.6351)	72070400	3.7407	(1.4727)	.3596	(.1416)	3.6410	(1.4335)	.2365	(.0931)	JUL-1
2	4.2606	(1.6774)	70073112	3.8885	(1.5309)	.2197	(.0865)	3.8765	(1.5262)	.2642	(.1040)	2
AUG-1	4.0579	(1.5976)	69081512	3.4740	(1.3677)	.7080	(.2787)	3.6617	(1.4416)	.2159	(.0850)	AUG-1
2	4.3701	(1.7205)	66082400	3.7111	(1.4611)	.7174	(.2824)	3.8759	(1.5259)	.1573	(.0619)	2
SEP-1	4.0221	(1.5835)	71091112	3.4991	(1.3776)	.2772	(.1091)	3.5005	(1.3781)	.3407	(.1341)	SEP-1
2	3.7991	(1.4957)	71092112	3.2312	(1.2721)	.3190	(.1256)	3.3651	(1.3248)	.3341	(.1315)	2
OCT-1	3.8405	(1.5120)	71100112	2.8815	(1.1344)	.8597	(.3385)	2.9006	(1.1420)	.8011	(.3154)	OCT-1
2	3.6982	(1.4560)	68101912	2.7408	(1.0790)	.7894	(.3108)	2.8505	(1.1223)	.4733	(.1863)	2
NOV-1	3.0655	(1.2069)	71110100	2.3833	(.9383)	.5376	(.2116)	2.4460	(.9630)	.4120	(.1622)	NOV-1
2	2.7925	(1.0994)	64112012	2.1676	(.8534)	.3641	(.1434)	2.1310	(.8390)	.4514	(.1777)	2
DEC-1	3.0470	(1.1996)	67121212	2.2999	(.9055)	.3846	(.1514)	2.4641	(.9701)	.4418	(.1739)	DEC-1
2	3.1049	(1.2224)	72122212	2.1101	(.8307)	.3746	(.1475)	2.0495	(.8069)	.7386	(.2908)	2
				SURFACE TO 850MB								
JAN-1	1.6914	(.6659)	71010512	1.0842	(.4269)	.4663	(.1836)	1.1732	(.4619)	.4309	(.1696)	JAN-1
2	1.3853	(.5454)	70013000	1.0779	(.4244)	.2216	(.0872)	1.0250	(.4035)	.2564	(.1010)	2
FEB-1	1.4808	(.5830)	66021112	1.0650	(.4193)	.3932	(.1548)	1.1635	(.4581)	.1838	(.0724)	FEB-1
2	1.5337	(.6038)	71022712	.9544	(.3758)	.3126	(.1231)	.9958	(.3921)	.3741	(.1473)	2
MAR-1	1.7115	(.6738)	72030300	1.2039	(.4740)	.3939	(.1551)	1.2084	(.4758)	.3267	(.1286)	MAR-1
2	1.6048	(.6318)	68032312	1.1406	(.4490)	.2755	(.1085)	1.2075	(.4754)	.2355	(.0927)	2
APR-1	1.6431	(.6469)	70040212	1.2210	(.4807)	.3097	(.1219)	1.4168	(.5578)	.2262	(.0891)	APR-1
2	1.8034	(.7100)	66042212	1.4046	(.5530)	.3172	(.1249)	1.4743	(.5804)	.2869	(.1129)	2
MAY-1	2.0096	(.7912)	68051300	1.6041	(.6315)	.3132	(.1233)	1.6084	(.6332)	.1073	(.0422)	MAY-1
2	2.0937	(.8243)	69052000	1.7251	(.6792)	.2240	(.0882)	1.8057	(.7109)	.2622	(.1032)	2
JUN-1	2.3739	(.9346)	66061012	1.9870	(.7823)	.2124	(.0836)	2.0544	(.8088)	.1726	(.0680)	JUN-1
2	2.5814	(1.0163)	69062812	2.1541	(.8481)	.2919	(.1149)	2.2312	(.8784)	.1604	(.0631)	2
JUL-1	2.5621	(1.0087)	69070200	2.3856	(.9392)	.1884	(.0742)	2.3275	(.9164)	.1337	(.0526)	JUL-1
2	2.7300	(1.0748)	69072100	2.4813	(.9769)	.2052	(.0808)	2.4499	(.9645)	.1499	(.0590)	2
AUG-1	2.5977	(1.0227)	69081512	2.2040	(.8677)	.3937	(.1550)	2.3907	(.9412)	.1486	(.0585)	AUG-1
2	2.6319	(1.0362)	66082400	2.3754	(.9352)	.4311	(.1697)	2.4458	(.9629)	.1193	(.0470)	2
SEP-1	2.5791	(1.0154)	71091112	2.1719	(.8551)	.2232	(.0879)	2.2196	(.8739)	.2419	(.0953)	SEP-1
2	2.4625	(.9695)	71092112	2.1062	(.8292)	.2143	(.0844)	2.1589	(.8499)	.2429	(.0956)	2
OCT-1	2.3607	(.9294)	71100112	1.8241	(.7182)	.4429	(.1744)	1.8445	(.7262)	.4591	(.1807)	OCT-1
2	2.1755	(.8565)	68101912	1.7236	(.6786)	.4721	(.1859)	1.8040	(.7102)	.2271	(.0894)	2
NOV-1	1.9738	(.7771)	71110300	1.4869	(.5854)	.3143	(.1237)	1.5370	(.6051)	.2330	(.0917)	NOV-1
2	1.6259	(.6401)	63112312	1.2963	(.5103)	.2554	(.1005)	1.3319	(.5244)	.2178	(.0857)	2
DEC-1	1.8484	(.7277)	71121112	1.4386	(.5664)	.2441	(.0961)	1.4901	(.5866)	.3272	(.1288)	DEC-1
2	1.7564	(.6915)	72122212	1.2809	(.5043)	.2239	(.0882)	1.2455	(.4903)	.4311	(.1697)	2

WASHINGTON, D.C. 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.3058	(1.3015)	71010500	2.3939	(.9425)	.5425	(.2136)	2.4702	(.9725)	.4139	(.1629)	JAN-1
2	3.7343	(1.4702)	49012415	2.2848	(.8995)	.5943	(.2340)	2.2877	(.9007)	.6768	(.2665)	2
FEB-1	3.1186	(1.2278)	65020800	2.2040	(.8677)	.5703	(.2245)	2.3094	(.9092)	.3604	(.1419)	FEB-1
2	3.8443	(1.5135)	53022115	2.1868	(.8609)	.5752	(.2264)	2.1103	(.8308)	.6773	(.2667)	2
MAR-1	3.4011	(1.3390)	61030600	2.3522	(.9260)	.5456	(.2148)	2.4357	(.9589)	.6134	(.2415)	MAR-1
2	3.7473	(1.4753)	49032703	2.5675	(1.0108)	.5905	(.2325)	2.5606	(1.0081)	.5699	(.2244)	2
APR-1	3.9205	(1.5435)	55041415	2.8294	(1.1139)	.4698	(.1849)	2.8998	(1.1416)	.4921	(.1937)	APR-1
2	3.9136	(1.5408)	54041703	3.1469	(1.2389)	.4523	(.1781)	3.0320	(1.1937)	.3495	(.1376)	2
MAY-1	4.5941	(1.8087)	54050303	3.6317	(1.4298)	.4310	(.1697)	3.3726	(1.3278)	.4510	(.1776)	MAY-1
2	4.4483	(1.7513)	59052800	3.8549	(1.5177)	.3377	(.1330)	3.6894	(1.4525)	.3962	(.1560)	2
JUN-1	5.1118	(2.0125)	47061415	4.1936	(1.6510)	.3667	(.1444)	4.0373	(1.5895)	.3853	(.1517)	JUN-1
2	5.4503	(2.1458)	52062803	4.6091	(1.8146)	.4059	(.1598)	4.3257	(1.7030)	.5128	(.2019)	2
JUL-1	5.7861	(2.2780)	55070915	4.7766	(1.8805)	.4838	(.1905)	4.6133	(1.8162)	.4411	(.1737)	JUL-1
2	5.7495	(2.2636)	53072303	4.9498	(1.9488)	.4198	(.1653)	4.7080	(1.8535)	.3475	(.1368)	2
AUG-1	6.0015	(2.3628)	55081315	4.8803	(1.9214)	.3573	(.1407)	4.7784	(1.8813)	.4457	(.1755)	AUG-1
2	6.0874	(2.3966)	55081803	4.8256	(1.8998)	.4274	(.1683)	4.6801	(1.8425)	.3874	(.1525)	2
SEP-1	5.6218	(2.2133)	52090103	4.6858	(1.8448)	.5007	(.1971)	4.5010	(1.7720)	.4645	(.1829)	SEP-1
2	5.2230	(2.0563)	46092403	4.1818	(1.6464)	.5119	(.2015)	4.1265	(1.6246)	.5928	(.2334)	2
OCT-1	5.0726	(1.9971)	59100112	3.6037	(1.4188)	.6135	(.2415)	3.8059	(1.4984)	.6931	(.2729)	OCT-1
2	4.6853	(1.8446)	68101912	3.2201	(1.2678)	.6439	(.2535)	3.2282	(1.2709)	.5975	(.2352)	2
NOV-1	4.0871	(1.6091)	71110212	2.9440	(1.1591)	.6804	(.2679)	2.8827	(1.1349)	.6300	(.2480)	NOV-1
2	4.1509	(1.6342)	48112003	2.7905	(1.0986)	.5811	(.2288)	2.7989	(1.1019)	.5835	(.2297)	2
DEC-1	3.7643	(1.4820)	72121012	2.6698	(1.0511)	.6182	(.2434)	2.6305	(1.0356)	.5757	(.2266)	DEC-1
2	3.4176	(1.3455)	47121603	2.4356	(.9589)	.6315	(.2486)	2.3734	(.9344)	.6464	(.2545)	2
				SURFACE TO 700MB								
JAN-1	2.8837	(1.1353)	53011003	1.8262	(.7190)	.4444	(.1749)	1.8213	(.7171)	.3157	(.1243)	JAN-1
2	2.7414	(1.0793)	49012415	1.7220	(.6779)	.4675	(.1841)	1.7043	(.6710)	.4736	(.1865)	2
FEB-1	2.4493	(.9643)	49021503	1.6636	(.6549)	.4018	(.1582)	1.7111	(.6737)	.2586	(.1018)	FEB-1
2	2.7638	(1.0881)	53022115	1.6382	(.6450)	.4315	(.1699)	1.5584	(.6135)	.5173	(.2037)	2
MAR-1	2.6579	(1.0464)	56030803	1.7591	(.6925)	.4802	(.1891)	1.8207	(.7168)	.4338	(.1708)	MAR-1
2	2.8158	(1.1086)	49032703	1.9806	(.7798)	.3996	(.1573)	1.9142	(.7536)	.4382	(.1725)	2
APR-1	2.9959	(1.1795)	47041203	2.1503	(.8466)	.4241	(.1670)	2.1655	(.8526)	.3641	(.1433)	APR-1
2	3.0373	(1.1958)	69041900	2.4027	(.9460)	.3288	(.1295)	2.3468	(.9239)	.2652	(.1044)	2
MAY-1	3.4427	(1.3554)	54050303	2.8017	(1.1030)	.3343	(.1316)	2.6160	(1.0299)	.2997	(.1180)	MAY-1
2	3.5611	(1.4020)	53052615	2.9619	(1.1661)	.2335	(.0919)	2.8091	(1.1059)	.2852	(.1123)	2
JUN-1	3.9040	(1.5370)	47061203	3.2390	(1.2752)	.2762	(.1088)	3.1282	(1.2316)	.2518	(.0991)	JUN-1
2	4.2118	(1.6582)	52062803	3.5403	(1.3938)	.3450	(.1358)	3.3305	(1.3112)	.3329	(.1310)	2
JUL-1	4.2964	(1.6915)	55070915	3.5818	(1.4102)	.3071	(.1209)	3.4874	(1.3730)	.2836	(.1117)	JUL-1
2	4.2019	(1.6543)	52072303	3.7292	(1.4682)	.2798	(.1101)	3.5828	(1.4105)	.2365	(.0931)	2
AUG-1	4.0615	(1.5990)	49080403	3.6351	(1.4311)	.2207	(.0869)	3.5884	(1.4127)	.2338	(.0921)	AUG-1
2	4.4768	(1.7625)	55081803	3.6536	(1.4384)	.2759	(.1086)	3.5920	(1.4142)	.2737	(.1077)	2
SEP-1	4.1079	(1.6173)	50090203	3.5383	(1.3930)	.2973	(.1171)	3.4347	(1.3522)	.3276	(.1290)	SEP-1
2	3.8156	(1.5022)	46092403	3.1628	(1.2452)	.3641	(.1433)	3.0912	(1.2170)	.4191	(.1650)	2
OCT-1	3.7762	(1.4867)	59101000	2.7910	(1.0988)	.4752	(.1871)	2.8387	(1.1176)	.4392	(.1729)	OCT-1
2	3.4338	(1.3519)	68101912	2.5714	(1.0124)	.3333	(.1312)	2.4480	(.9638)	.4528	(.1782)	2
NOV-1	3.1808	(1.2523)	71110112	2.2362	(.8804)	.5086	(.2002)	2.2218	(.8747)	.4919	(.1936)	NOV-1
2	2.9865	(1.1758)	48112003	2.1335	(.8400)	.4495	(.1770)	2.1095	(.8305)	.4364	(.1718)	2
DEC-1	2.9543	(1.1631)	53120703	1.9676	(.7746)	.4696	(.1849)	1.9121	(.7528)	.4067	(.1601)	DEC-1
2	2.5405	(1.0002)	54123003	1.8357	(.7227)	.4725	(.1860)	1.7312	(.6816)	.4661	(.1835)	2
				SURFACE TO 850MB								
JAN-1	1.5872	(.6249)	46010703	1.0164	(.4002)	.2632	(.1036)	1.0017	(.3944)	.2443	(.0962)	JAN-1
2	1.5753	(.6202)	59012200	1.0207	(.4018)	.2968	(.1169)	.9851	(.3878)	.3084	(.1214)	2
FEB-1	1.4534	(.5722)	49021503	.9462	(.3725)	.2588	(.1019)	.9553	(.3761)	.1752	(.0690)	FEB-1
2	1.6297	(.6416)	53022115	.9032	(.3556)	.2819	(.1110)	.8703	(.3426)	.3027	(.1192)	2
MAR-1	1.5210	(.5988)	56030803	1.0058	(.3960)	.3070	(.1209)	1.0335	(.4069)	.2761	(.1087)	MAR-1
2	1.7917	(.7054)	49032703	1.1693	(.4604)	.2537	(.0999)	1.1289	(.4445)	.2936	(.1156)	2
APR-1	1.8148	(.7145)	47041203	1.2601	(.4961)	.2840	(.1118)	1.2590	(.4957)	.2370	(.0933)	APR-1
2	1.8339	(.7220)	57042603	1.4202	(.5592)	.1830	(.0721)	1.3850	(.5453)	.1799	(.0708)	2
MAY-1	2.0876	(.8219)	53051503	1.6887	(.6648)	.2384	(.0939)	1.5869	(.6248)	.2212	(.0871)	MAY-1
2	2.0356	(.8014)	46051615	1.8094	(.7124)	.1544	(.0608)	1.7159	(.6756)	.1821	(.0717)	2
JUN-1	2.6426	(1.0404)	47061203	2.0161	(.7937)	.1988	(.0783)	1.9319	(.7606)	.1637	(.0645)	JUN-1
2	2.6657	(1.0495)	52062803	2.1726	(.8554)	.2442	(.0962)	2.0640	(.8126)	.2352	(.0926)	2
JUL-1	2.5509	(1.0043)	55070915	2.2058	(.8684)	.1710	(.0673)	2.1229	(.8358)	.1790	(.0705)	JUL-1
2	2.5596	(1.0077)	72072200	2.2796	(.8975)	.1661	(.0654)	2.2040	(.8677)	.1716	(.0676)	2
AUG-1	2.5250	(.9941)	49081403	2.2455	(.8841)	.1536	(.0605)	2.1648	(.8523)	.1467	(.0577)	AUG-1
2	2.5377	(.9991)	55081803	2.2562	(.8883)	.1648	(.0649)	2.2040	(.8677)	.1590	(.0626)	2
SEP-1	2.5298	(.9960)	47091103	2.1585	(.8498)	.2128	(.0838)	2.0808	(.8192)	.2110	(.0831)	SEP-1
2	2.4310	(.9571)	46092403	1.9449	(.7657)	.2402	(.0946)	1.8896	(.7439)	.3031	(.1193)	2
OCT-1	2.2494	(.8856)	54100603	1.7255	(.6793)	.2706	(.1065)	1.6857	(.6637)	.2458	(.0968)	OCT-1
2	2.1021	(.8276)	47101803	1.5557	(.6125)	.2169	(.0854)	1.4903	(.5867)	.2758	(.1086)	2
NOV-1	1.9660	(.7740)	71110100	1.3337	(.5251)	.3321	(.1308)	1.3306	(.5239)	.3325	(.1309)	NOV-1
2	1.8674	(.7352)	48112003	1.2442	(.4899)	.3077	(.1212)	1.2543	(.4938)	.2768	(.1090)	2
DEC-1	1.6434	(.6470)	53120703	1.1277	(.4440)	.2934	(.1155)	1.1080	(.4362)	.2709	(.1066)	DEC-1
2	1.5037	(.5920)	49122703	1.0264	(.4041)	.2916	(.1148)	1.0112	(.3981)	.2896	(.1140)	2

WINNEMUCCA, NEV. 17 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.6165	(.6364)	62019900	1.1871	(.4674)	.2247	(.0885)	1.1728	(.4617)	.2217	(.0873)	JAN-1
2	1.9809	(.7799)	71011800	1.2724	(.5009)	.3677	(.1448)	1.2414	(.4887)	.3430	(.1350)	2
FEB-1	1.9307	(.7601)	57029912	1.2304	(.4844)	.3180	(.1252)	1.2833	(.5052)	.2932	(.1154)	FEB-1
2	1.8479	(.7275)	68022312	1.0592	(.4170)	.2776	(.1093)	1.1046	(.4349)	.2956	(.1164)	2
MAR-1	1.6886	(.6648)	72030212	1.0260	(.4039)	.2726	(.1073)	1.0820	(.4260)	.3075	(.1211)	MAR-1
2	1.5730	(.6193)	71032600	1.1032	(.4343)	.2360	(.0929)	1.1007	(.4334)	.2553	(.1005)	2
APR-1	1.4519	(.5716)	72040200	1.1272	(.4438)	.1872	(.0737)	1.1174	(.4399)	.1534	(.0604)	APR-1
2	1.6667	(.6562)	58049900	1.1378	(.4479)	.2620	(.1031)	1.1411	(.4492)	.1732	(.0682)	2
MAY-1	1.7107	(.6735)	57059900	1.3604	(.5356)	.1965	(.0774)	1.4028	(.5523)	.1708	(.0673)	MAY-1
2	2.1511	(.8469)	63059912	1.4972	(.5895)	.2744	(.1080)	1.5593	(.6139)	.2687	(.1058)	2
JUN-1	2.3942	(.9426)	72060800	1.7564	(.6915)	.3431	(.1351)	1.7996	(.7085)	.2621	(.1032)	JUN-1
2	2.4270	(.9555)	70062712	1.8714	(.7368)	.2892	(.1139)	1.9385	(.7632)	.3064	(.1206)	2
JUL-1	2.8219	(1.1110)	61079900	1.8466	(.7270)	.4305	(.1695)	1.9538	(.7692)	.2780	(.1094)	JUL-1
2	3.3277	(1.3101)	56079900	2.3854	(.9391)	.5331	(.2099)	2.3069	(.9082)	.4224	(.1663)	2
AUG-1	3.2456	(1.2778)	61089900	2.1404	(.8427)	.5937	(.2338)	2.2159	(.8724)	.5119	(.2015)	AUG-1
2	3.2235	(1.2691)	61089912	1.8797	(.7400)	.4652	(.1831)	2.0484	(.8065)	.5481	(.2158)	2
SEP-1	2.8509	(1.1224)	59099912	1.8176	(.7156)	.4317	(.1700)	1.9300	(.7598)	.5404	(.2128)	SEP-1
2	2.2918	(.9023)	66091912	1.5986	(.6294)	.3555	(.1400)	1.6325	(.6427)	.3234	(.1273)	2
OCT-1	2.1580	(.8496)	63109912	1.5530	(.6114)	.3252	(.1280)	1.6012	(.6304)	.3144	(.1238)	OCT-1
2	2.1399	(.8425)	59109912	1.4411	(.5674)	.2651	(.1044)	1.3850	(.5453)	.2869	(.1130)	2
NOV-1	2.0300	(.7992)	68110900	1.3748	(.5412)	.2568	(.1011)	1.4182	(.5583)	.2799	(.1102)	NOV-1
2	1.7717	(.6975)	70112400	1.2785	(.5034)	.2672	(.1052)	1.2747	(.5019)	.1988	(.0783)	2
DEC-1	1.6322	(.6426)	58129900	1.1952	(.4705)	.2354	(.0927)	1.1620	(.4575)	.2292	(.0902)	DEC-1
2	1.8768	(.7389)	64129912	1.2715	(.5006)	.3064	(.1206)	1.2220	(.4811)	.2821	(.1110)	2
				SURFACE TO 700MB								
JAN-1	.8707	(.3428)	62019900	.6783	(.2671)	.1065	(.0419)	.6486	(.2554)	.0985	(.0388)	JAN-1
2	1.2215	(.4809)	71011800	.7192	(.2832)	.2024	(.0797)	.7001	(.2756)	.1899	(.0748)	2
FEB-1	1.0521	(.4142)	57029912	.7017	(.2762)	.1892	(.0745)	.7350	(.2894)	.1461	(.0575)	FEB-1
2	1.0371	(.4083)	68022312	.6297	(.2479)	.1311	(.0516)	.6171	(.2430)	.1501	(.0591)	2
MAR-1	.8753	(.3446)	72030212	.6268	(.2468)	.1305	(.0514)	.6407	(.2523)	.1461	(.0575)	MAR-1
2	.8595	(.3384)	61039912	.6208	(.2444)	.1158	(.0456)	.6348	(.2499)	.1143	(.0450)	2
APR-1	.9268	(.3649)	62049900	.6368	(.2507)	.1051	(.0414)	.6717	(.2644)	.0853	(.0336)	APR-1
2	.8715	(.3431)	65041912	.6647	(.2617)	.1205	(.0474)	.6592	(.2595)	.0830	(.0327)	2
MAY-1	1.1725	(.4616)	66051012	.7808	(.3074)	.1134	(.0446)	.8422	(.3316)	.1234	(.0486)	MAY-1
2	1.2375	(.4872)	56059912	.8536	(.3361)	.1751	(.0689)	.9401	(.3701)	.1342	(.0528)	2
JUN-1	1.4194	(.5588)	63069900	.9949	(.3917)	.1845	(.0726)	1.0622	(.4182)	.1214	(.0478)	JUN-1
2	1.3350	(.5256)	63069912	1.0332	(.4068)	.1503	(.0592)	1.1130	(.4382)	.1431	(.0563)	2
JUL-1	1.5359	(.6047)	61079900	1.0024	(.3946)	.2176	(.0857)	1.1053	(.4352)	.1706	(.0672)	JUL-1
2	1.8694	(.7360)	71071912	1.2464	(.4907)	.3037	(.1196)	1.3234	(.5210)	.2799	(.1102)	2
AUG-1	1.7823	(.7017)	61089900	1.1868	(.4672)	.3498	(.1377)	1.1570	(.4555)	.2937	(.1156)	AUG-1
2	1.7384	(.6844)	61089912	1.0227	(.4026)	.2634	(.1037)	1.1281	(.4442)	.2934	(.1155)	2
SEP-1	1.6091	(.6335)	59099912	.9851	(.3879)	.2353	(.0926)	1.1097	(.4369)	.2963	(.1167)	SEP-1
2	1.3965	(.5498)	66091912	.9252	(.3642)	.1896	(.0747)	.9810	(.3862)	.2013	(.0793)	2
OCT-1	1.2852	(.5060)	57109900	.8561	(.3370)	.2090	(.0823)	.9249	(.3641)	.1564	(.0616)	OCT-1
2	1.0947	(.4310)	59109900	.8264	(.3254)	.1553	(.0611)	.8200	(.3228)	.1150	(.0453)	2
NOV-1	1.0965	(.4317)	68110912	.7643	(.3009)	.1175	(.0462)	.7838	(.3086)	.1476	(.0581)	NOV-1
2	1.0526	(.4144)	66113000	.7343	(.2891)	.1530	(.0602)	.7499	(.2952)	.1144	(.0450)	2
DEC-1	1.0173	(.4005)	56129912	.6477	(.2550)	.1256	(.0495)	.6848	(.2696)	.1423	(.0560)	DEC-1
2	1.0221	(.4024)	64129912	.6961	(.2741)	.1696	(.0668)	.6947	(.2735)	.1437	(.0566)	2
				SURFACE TO 850MB								
JAN-1	.1598	(.0629)	62019900	.1054	(.0415)	.0276	(.0109)	.1001	(.0394)	.0221	(.0087)	JAN-1
2	.2027	(.0798)	71011812	.1099	(.0432)	.0370	(.0146)	.1040	(.0409)	.0383	(.0151)	2
FEB-1	.1516	(.0597)	61029900	.1031	(.0406)	.0264	(.0104)	.1040	(.0410)	.0222	(.0087)	FEB-1
2	.1344	(.0529)	63029900	.0949	(.0374)	.0245	(.0097)	.0940	(.0370)	.0232	(.0091)	2
MAR-1	.1308	(.0515)	57039900	.0826	(.0325)	.0246	(.0097)	.0914	(.0360)	.0254	(.0100)	MAR-1
2	.1237	(.0487)	67031700	.0863	(.0340)	.0213	(.0084)	.0864	(.0340)	.0165	(.0065)	2
APR-1	.1478	(.0582)	60049912	.0925	(.0364)	.0191	(.0075)	.1030	(.0405)	.0199	(.0078)	APR-1
2	.1397	(.0550)	65042912	.0799	(.0315)	.0142	(.0056)	.0935	(.0368)	.0176	(.0069)	2
MAY-1	.1433	(.0564)	59059900	.0965	(.0380)	.0180	(.0071)	.1097	(.0432)	.0143	(.0056)	MAY-1
2	.1902	(.0749)	56059912	.1095	(.0431)	.0299	(.0118)	.1267	(.0499)	.0257	(.0101)	2
JUN-1	.2233	(.0879)	63069900	.1260	(.0496)	.0351	(.0138)	.1459	(.0575)	.0271	(.0107)	JUN-1
2	.2261	(.0890)	63069912	.1299	(.0511)	.0201	(.0079)	.1521	(.0599)	.0297	(.0117)	2
JUL-1	.3066	(.1207)	62079912	.1302	(.0512)	.0426	(.0168)	.1667	(.0656)	.0533	(.0210)	JUL-1
2	.3188	(.1255)	71071912	.1804	(.0710)	.0636	(.0250)	.2052	(.0808)	.0548	(.0216)	2
AUG-1	.3086	(.1215)	61089912	.1569	(.0618)	.0563	(.0222)	.1833	(.0722)	.0645	(.0254)	AUG-1
2	.3167	(.1247)	61089912	.1259	(.0496)	.0372	(.0146)	.1661	(.0654)	.0629	(.0248)	2
SEP-1	.2337	(.0920)	67090512	.1257	(.0495)	.0348	(.0137)	.1587	(.0625)	.0519	(.0204)	SEP-1
2	.2217	(.0873)	57099900	.1270	(.0500)	.0374	(.0147)	.1333	(.0525)	.0331	(.0130)	2
OCT-1	.1750	(.0689)	61109900	.1148	(.0452)	.0344	(.0135)	.1226	(.0483)	.0267	(.0105)	OCT-1
2	.1831	(.0721)	59109900	.1257	(.0495)	.0254	(.0100)	.1192	(.0469)	.0211	(.0083)	2
NOV-1	.1516	(.0597)	56119900	.1130	(.0445)	.0222	(.0088)	.1102	(.0434)	.0189	(.0074)	NOV-1
2	.1796	(.0707)	66113000	.1269	(.0500)	.0284	(.0112)	.1172	(.0461)	.0266	(.0105)	2
DEC-1	.1643	(.0647)	58129900	.1106	(.0435)	.0264	(.0104)	.0962	(.0379)	.0272	(.0107)	DEC-1
2	.1631	(.0642)	63129900	.1099	(.0433)	.0294	(.0116)	.1054	(.0415)	.0309	(.0122)	2

WINSLOW, ARIZ. 11 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.7600	(.6929)	65010612	1.0302	(.4056)	.3260	(.1283)	1.0472	(.4123)	.3513	(.1383)	JAN-1
2	1.7866	(.7034)	70011700	1.1808	(.4649)	.2980	(.1173)	1.1582	(.4560)	.2734	(.1077)	2
FEB-1	1.5662	(.6166)	62021400	1.1205	(.4411)	.3212	(.1265)	1.1134	(.4384)	.3065	(.1207)	FEB-1
2	1.3228	(.5208)	72022212	.9372	(.3690)	.2299	(.0905)	.9947	(.3916)	.2173	(.0856)	2
MAR-1	1.1661	(.4591)	70030112	.9127	(.3593)	.1456	(.0573)	.9477	(.3731)	.1681	(.0662)	MAR-1
2	1.4310	(.5634)	71032612	1.0305	(.4057)	.1841	(.0725)	1.0539	(.4149)	.1999	(.0787)	2
APR-1	1.5778	(.6212)	72041212	1.0947	(.4310)	.2062	(.0812)	1.1661	(.4591)	.2419	(.0952)	APR-1
2	1.6126	(.6349)	63042600	1.0902	(.4292)	.2902	(.1142)	1.0510	(.4138)	.2183	(.0860)	2
MAY-1	1.7978	(.7078)	63050912	1.3022	(.5127)	.2672	(.1052)	1.2504	(.4923)	.3203	(.1261)	MAY-1
2	2.1077	(.8298)	72053100	1.5002	(.5906)	.3323	(.1308)	1.4158	(.5574)	.2569	(.1012)	2
JUN-1	2.4105	(.9490)	72060700	1.5931	(.6272)	.3724	(.1466)	1.5814	(.6226)	.3581	(.1410)	JUN-1
2	2.9853	(1.1753)	66062700	2.1153	(.8328)	.6523	(.2568)	2.0831	(.8201)	.5022	(.1977)	2
JUL-1	3.3017	(1.2999)	63070912	2.6268	(1.0342)	.2847	(.1121)	2.6862	(1.0576)	.3928	(.1547)	JUL-1
2	3.6083	(1.4206)	66072912	3.0260	(1.1914)	.2472	(.0973)	3.1844	(1.2537)	.2311	(.0910)	2
AUG-1	3.5916	(1.4140)	64080300	3.0591	(1.2044)	.3264	(.1285)	2.9788	(1.1727)	.4038	(.1590)	AUG-1
2	3.7219	(1.4653)	63081800	2.7629	(1.0878)	.4420	(.1740)	2.8002	(1.1025)	.3036	(.1195)	2
SEP-1	3.2250	(1.2697)	64090912	2.6232	(1.0328)	.4251	(.1674)	2.6617	(1.0479)	.3106	(.1223)	SEP-1
2	2.8395	(1.1179)	62092400	2.0839	(.8204)	.4101	(.1615)	2.1407	(.8428)	.4252	(.1674)	2
OCT-1	3.0607	(1.2050)	72100712	1.7505	(.6892)	.4846	(.1908)	1.8730	(.7374)	.5679	(.2236)	OCT-1
2	2.3635	(.9305)	72101912	1.5017	(.5912)	.3916	(.1542)	1.5779	(.6212)	.4091	(.1611)	2
NOV-1	1.9609	(.7720)	62111500	1.3154	(.5179)	.3472	(.1367)	1.3284	(.5230)	.3103	(.1221)	NOV-1
2	2.1483	(.8458)	65112312	1.2064	(.4749)	.2605	(.1026)	1.3737	(.5408)	.3264	(.1285)	2
DEC-1	2.0165	(.7939)	66120512	1.1383	(.4482)	.3528	(.1389)	1.1143	(.4387)	.3269	(.1287)	DEC-1
2	1.7513	(.6895)	72122812	1.1031	(.4343)	.2804	(.1104)	1.2563	(.4946)	.3246	(.1278)	2
				SURFACE TO 700MB								
JAN-1	.9395	(.3699)	65010612	.5349	(.2106)	.1551	(.0611)	.5525	(.2175)	.1772	(.0698)	JAN-1
2	.8661	(.3410)	70011700	.5930	(.2334)	.1409	(.0555)	.5965	(.2348)	.1244	(.0490)	2
FEB-1	.8997	(.3542)	62021400	.5967	(.2349)	.1877	(.0739)	.5864	(.2309)	.1709	(.0673)	FEB-1
2	.7203	(.2836)	68022412	.5209	(.2051)	.1231	(.0485)	.5610	(.2209)	.1108	(.0436)	2
MAR-1	.7021	(.2764)	67031112	.5113	(.2013)	.0582	(.0229)	.5395	(.2124)	.0996	(.0392)	MAR-1
2	.7737	(.3046)	67033000	.5719	(.2251)	.1110	(.0437)	.5848	(.2302)	.0849	(.0334)	2
APR-1	.8697	(.3424)	69041200	.5750	(.2264)	.1195	(.0470)	.6213	(.2446)	.1055	(.0415)	APR-1
2	.8258	(.3251)	63042600	.6021	(.2371)	.1461	(.0575)	.6294	(.2478)	.1246	(.0490)	2
MAY-1	.9004	(.3545)	63051000	.6599	(.2598)	.1666	(.0656)	.6928	(.2728)	.1271	(.0500)	MAY-1
2	1.0086	(.3971)	72053100	.7546	(.2971)	.1560	(.0614)	.7548	(.2972)	.1433	(.0564)	2
JUN-1	1.2390	(.4878)	72060700	.8245	(.3246)	.1790	(.0705)	.8433	(.3320)	.1833	(.0722)	JUN-1
2	1.5499	(.6102)	62063000	1.0813	(.4257)	.3406	(.1341)	1.1155	(.4392)	.2778	(.1094)	2
JUL-1	1.7023	(.6702)	63070912	1.3398	(.5275)	.1603	(.0631)	1.3913	(.5477)	.1636	(.0644)	JUL-1
2	1.8677	(.7353)	66073012	1.5533	(.6115)	.1618	(.0637)	1.6253	(.6399)	.1464	(.0576)	2
AUG-1	1.8738	(.7377)	64080300	1.5306	(.6026)	.1638	(.0645)	1.5491	(.6099)	.1846	(.0727)	AUG-1
2	1.8834	(.7415)	63081800	1.4203	(.5592)	.1816	(.0715)	1.4758	(.5810)	.1686	(.0664)	2
SEP-1	1.6172	(.6367)	66091500	1.4001	(.5512)	.1982	(.0780)	1.4140	(.5567)	.1329	(.0523)	SEP-1
2	1.5476	(.6093)	62092412	1.0986	(.4325)	.2021	(.0796)	1.1975	(.4714)	.2379	(.0937)	2
OCT-1	1.5001	(.5906)	72100712	.9568	(.3767)	.2628	(.1035)	1.0168	(.4003)	.2589	(.1019)	OCT-1
2	1.1935	(.4699)	72101900	.8410	(.3311)	.2448	(.0964)	.8633	(.3399)	.2276	(.0896)	2
NOV-1	1.0747	(.4231)	62111500	.7173	(.2824)	.1913	(.0753)	.7416	(.2920)	.1154	(.0454)	NOV-1
2	1.0478	(.4125)	65112312	.6637	(.2613)	.1218	(.0480)	.7302	(.2875)	.1364	(.0537)	2
DEC-1	.9474	(.3730)	66120612	.6220	(.2449)	.1385	(.0545)	.6111	(.2406)	.1336	(.0526)	DEC-1
2	.9421	(.3709)	71122612	.5956	(.2345)	.1765	(.0695)	.6559	(.2582)	.1612	(.0634)	2
				SURFACE TO 850MB								
JAN-1	.0368	(.0145)	63010600	.0257	(.0101)	.0093	(.0037)	.0262	(.0103)	.0059	(.0023)	JAN-1
2	.0587	(.0231)	65011700	.0271	(.0107)	.0140	(.0055)	.0236	(.0093)	.0125	(.0049)	2
FEB-1	.0452	(.0178)	63020312	.0227	(.0090)	.0091	(.0036)	.0241	(.0095)	.0096	(.0038)	FEB-1
2	.0348	(.0137)	70022100	.0207	(.0082)	.0104	(.0041)	.0183	(.0072)	.0112	(.0044)	2
MAR-1	.0254	(.0100)	72030512	.0122	(.0048)	.0058	(.0023)	.0148	(.0058)	.0069	(.0027)	MAR-1
2	.0229	(.0090)	63033012	.0114	(.0045)	.0036	(.0014)	.0157	(.0062)	.0051	(.0020)	2
APR-1	.0226	(.0089)	68041412	.0118	(.0046)	.0051	(.0020)	.0153	(.0060)	.0049	(.0019)	APR-1
2	.0366	(.0144)	65042812	.0119	(.0047)	.0070	(.0028)	.0152	(.0060)	.0098	(.0039)	2
MAY-1	.0599	(.0236)	69050900	.0153	(.0060)	.0160	(.0063)	.0202	(.0079)	.0135	(.0053)	MAY-1
2	.0251	(.0099)	65052812	.0090	(.0035)	.0054	(.0021)	.0142	(.0056)	.0072	(.0028)	2
JUN-1	.0284	(.0112)	72060512	.0125	(.0049)	.0067	(.0027)	.0160	(.0063)	.0064	(.0025)	JUN-1
2	.0579	(.0228)	64062812	.0200	(.0079)	.0139	(.0055)	.0283	(.0111)	.0157	(.0062)	2
JUL-1	.0737	(.0290)	70070412	.0361	(.0142)	.0134	(.0053)	.0440	(.0173)	.0172	(.0068)	JUL-1
2	.0932	(.0367)	65072912	.0388	(.0153)	.0171	(.0067)	.0639	(.0252)	.0157	(.0062)	2
AUG-1	.1158	(.0456)	63080800	.0502	(.0198)	.0259	(.0102)	.0675	(.0266)	.0180	(.0071)	AUG-1
2	.0752	(.0296)	66082412	.0360	(.0142)	.0159	(.0062)	.0553	(.0218)	.0148	(.0058)	2
SEP-1	.0800	(.0315)	63090812	.0337	(.0133)	.0146	(.0058)	.0482	(.0190)	.0147	(.0058)	SEP-1
2	.0780	(.0307)	66092112	.0322	(.0127)	.0187	(.0074)	.0378	(.0149)	.0191	(.0075)	2
OCT-1	.0836	(.0329)	72101312	.0311	(.0122)	.0138	(.0054)	.0392	(.0154)	.0202	(.0080)	OCT-1
2	.0627	(.0247)	62103012	.0327	(.0129)	.0112	(.0044)	.0362	(.0142)	.0134	(.0053)	2
NOV-1	.0478	(.0188)	63111212	.0291	(.0115)	.0086	(.0034)	.0305	(.0120)	.0077	(.0030)	NOV-1
2	.0584	(.0230)	62112500	.0288	(.0113)	.0116	(.0046)	.0287	(.0113)	.0113	(.0045)	2
DEC-1	.0650	(.0256)	72120100	.0279	(.0110)	.0158	(.0062)	.0251	(.0099)	.0077	(.0030)	DEC-1
2	.0561	(.0221)	71122312	.0284	(.0112)	.0108	(.0042)	.0285	(.0112)	.0114	(.0045)	2

YUMA, ARIZ. 17 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.0853	(1.2147)	69011412	1.8115	(.7132)	.4746	(.1869)	1.8032	(.7099)	.6294	(.2478)	JAN-1
2	2.7711	(1.0910)	61012700	1.9302	(.7599)	.4467	(.1759)	1.9888	(.7830)	.2979	(.1173)	2
FEB-1	2.9423	(1.1584)	70021012	2.0783	(.8182)	.4661	(.1835)	2.0024	(.7883)	.5371	(.2115)	FEB-1
2	2.5042	(.9859)	59021612	1.7540	(.6905)	.4818	(.1897)	1.6524	(.6505)	.4903	(.1930)	2
MAR-1	2.4996	(.9841)	57030103	1.5317	(.6030)	.4976	(.1959)	1.4980	(.5897)	.3582	(.1410)	MAR-1
2	2.6858	(1.0574)	63032900	1.9303	(.7600)	.6052	(.2383)	1.7794	(.7006)	.5072	(.1997)	2
APR-1	2.3134	(.9108)	68041112	1.6497	(.6495)	.4093	(.1611)	1.7292	(.6808)	.3352	(.1320)	APR-1
2	2.7892	(1.0981)	59042612	1.7743	(.6985)	.2490	(.0980)	1.7188	(.6767)	.3659	(.1441)	2
MAY-1	3.3680	(1.3260)	58051100	1.9372	(.7627)	.6844	(.2695)	2.0899	(.8228)	.4660	(.1835)	MAY-1
2	2.9728	(1.1704)	56051815	1.9431	(.7650)	.4996	(.1967)	2.0548	(.8090)	.4700	(.1850)	2
JUN-1	3.3241	(1.3087)	59061412	2.4098	(.9487)	.6409	(.2523)	2.3332	(.9186)	.3782	(.1489)	JUN-1
2	5.2857	(2.0810)	58062100	3.4843	(1.3718)	.9861	(.3882)	3.3967	(1.3373)	.9134	(.3596)	2
JUL-1	5.0216	(1.9770)	55071315	3.7518	(1.4771)	.7111	(.2800)	3.8504	(1.5159)	.6464	(.2545)	JUL-1
2	5.8316	(2.2959)	55073103	4.8718	(1.9180)	.6385	(.2514)	4.8905	(1.9254)	.5154	(.2029)	2
AUG-1	5.5420	(2.1819)	55080715	4.6440	(1.8283)	.5675	(.2234)	4.7977	(1.8889)	.5313	(.2092)	AUG-1
2	5.4955	(2.1636)	55082315	4.6024	(1.8120)	.5289	(.2082)	4.5606	(1.7955)	.6618	(.2606)	2
SEP-1	5.5707	(2.1932)	58091200	4.0970	(1.6130)	.7560	(.2976)	4.3664	(1.7191)	.6981	(.2749)	SEP-1
2	4.9698	(1.9566)	62092312	3.2595	(1.2833)	.6793	(.2674)	3.2100	(1.2638)	.8603	(.3387)	2
OCT-1	3.8006	(1.4963)	55100315	2.8763	(1.1324)	.5993	(.2360)	2.9396	(1.1573)	.5158	(.2031)	OCT-1
2	3.3487	(1.3184)	57103100	2.5260	(.9945)	.4523	(.1781)	2.2235	(.8754)	.4260	(.1677)	2
NOV-1	3.1859	(1.2543)	60110612	2.2281	(.8772)	.5170	(.2036)	2.3432	(.9225)	.5982	(.2355)	NOV-1
2	3.7737	(1.4857)	65112312	1.7521	(.6898)	.3475	(.1368)	1.9188	(.7554)	.7153	(.2816)	2
DEC-1	3.3279	(1.3102)	66120512	1.9863	(.7820)	.3365	(.1325)	2.1788	(.8578)	.6676	(.2628)	DEC-1
2	3.1946	(1.2577)	57121600	2.1221	(.8355)	.6634	(.2612)	1.8492	(.7280)	.4863	(.1915)	2
				SURFACE TO 700MB								
JAN-1	2.1974	(.8651)	57011403	1.3740	(.5409)	.4603	(.1812)	1.3356	(.5258)	.4537	(.1786)	JAN-1
2	2.0315	(.7998)	61012700	1.4409	(.5673)	.3255	(.1281)	1.4963	(.5891)	.2325	(.0915)	2
FEB-1	2.2207	(.8743)	70021012	1.5949	(.6279)	.3582	(.1410)	1.5336	(.6038)	.3835	(.1510)	FEB-1
2	1.8476	(.7274)	58022100	1.3646	(.5373)	.3625	(.1427)	1.2897	(.5078)	.3575	(.1407)	2
MAR-1	1.9119	(.7527)	57030103	1.2147	(.4782)	.3907	(.1538)	1.1537	(.4542)	.2670	(.1051)	MAR-1
2	1.9947	(.7853)	58032200	1.4317	(.5637)	.4627	(.1822)	1.3535	(.5329)	.3664	(.1443)	2
APR-1	1.8664	(.7348)	61040600	1.3138	(.5172)	.3487	(.1373)	1.3467	(.5302)	.2576	(.1014)	APR-1
2	1.8230	(.7177)	60042300	1.4116	(.5557)	.2250	(.0886)	1.3373	(.5265)	.2337	(.0920)	2
MAY-1	2.5209	(.9925)	58051112	1.6180	(.6370)	.4276	(.1683)	1.6042	(.6316)	.3638	(.1432)	MAY-1
2	2.0457	(.8054)	67052412	1.4363	(.5655)	.3330	(.1311)	1.5478	(.6094)	.3266	(.1286)	2
JUN-1	2.3442	(.9229)	57061400	1.7578	(.6921)	.4029	(.1586)	1.7054	(.6714)	.2169	(.0854)	JUN-1
2	3.7716	(1.4849)	58062100	2.5448	(1.0019)	.6760	(.2661)	2.5181	(.9914)	.6870	(.2705)	2
JUL-1	3.5476	(1.3967)	59070500	2.8049	(1.1043)	.5442	(.2143)	2.7847	(1.0963)	.4786	(.1884)	JUL-1
2	4.0340	(1.5882)	55071815	3.5176	(1.3849)	.4250	(.1673)	3.4816	(1.3707)	.3045	(.1199)	2
AUG-1	4.0305	(1.5868)	55081515	3.3816	(1.3313)	.5330	(.2098)	3.4077	(1.3416)	.4377	(.1723)	AUG-1
2	4.1199	(1.6220)	55082315	3.5272	(1.3887)	.3515	(.1384)	3.3779	(1.3299)	.4482	(.1765)	2
SEP-1	4.0668	(1.6011)	58091212	3.1544	(1.2419)	.5116	(.2014)	3.2796	(1.2912)	.4984	(.1962)	SEP-1
2	3.6022	(1.4182)	66091612	2.6283	(1.0348)	.5074	(.1998)	2.5533	(1.0052)	.6393	(.2517)	2
OCT-1	3.1387	(1.2357)	55100415	2.3240	(.9150)	.5160	(.2031)	2.3770	(.9358)	.4956	(.1951)	OCT-1
2	2.4247	(.9546)	56102315	1.9807	(.7798)	.3133	(.1234)	1.8045	(.7104)	.3871	(.1524)	2
NOV-1	2.7097	(1.0668)	60110612	1.8117	(.7133)	.4020	(.1583)	1.7854	(.7029)	.4686	(.1845)	NOV-1
2	2.7391	(1.0784)	65112312	1.3280	(.5228)	.2871	(.1130)	1.5031	(.5918)	.5367	(.2113)	2
DEC-1	2.5044	(.9860)	65120912	1.5258	(.6007)	.2793	(.1100)	1.6025	(.6309)	.5175	(.2037)	DEC-1
2	2.3160	(.9118)	57121600	1.6207	(.6381)	.4950	(.1949)	1.4686	(.5782)	.3633	(.1430)	2
				SURFACE TO 850MB								
JAN-1	1.2527	(.4932)	69011512	.8008	(.3153)	.2449	(.0964)	.7917	(.3117)	.2790	(.1098)	JAN-1
2	1.2210	(.4807)	69011612	.8654	(.3407)	.1867	(.0735)	.8573	(.3375)	.1693	(.0666)	2
FEB-1	1.3564	(.5340)	70021012	.9451	(.3721)	.2404	(.0946)	.9113	(.3588)	.2195	(.0864)	FEB-1
2	1.1161	(.4394)	58022200	.8374	(.3297)	.2093	(.0824)	.7890	(.3106)	.1959	(.0771)	2
MAR-1	1.1326	(.4459)	57030103	.6996	(.2754)	.2135	(.0840)	.7166	(.2821)	.1549	(.0610)	MAR-1
2	1.0668	(.4200)	58032200	.8001	(.3150)	.2226	(.0876)	.8059	(.3173)	.1921	(.0756)	2
APR-1	1.0825	(.4262)	61040600	.7623	(.3001)	.2143	(.0844)	.8150	(.3209)	.1428	(.0562)	APR-1
2	1.0196	(.4014)	60042812	.8084	(.3182)	.1155	(.0455)	.7828	(.3082)	.1412	(.0556)	2
MAY-1	1.4092	(.5548)	58051112	.9534	(.3754)	.1904	(.0750)	.9375	(.3691)	.1693	(.0667)	MAY-1
2	1.1623	(.4576)	56052515	.8283	(.3261)	.1871	(.0737)	.8943	(.3521)	.1589	(.0626)	2
JUN-1	1.3073	(.5147)	57061400	.9736	(.3833)	.1730	(.0681)	.9936	(.3912)	.0957	(.0377)	JUN-1
2	2.1262	(.8371)	58062100	1.4522	(.5717)	.3947	(.1554)	1.4559	(.5732)	.3708	(.1460)	2
JUL-1	2.1712	(.8548)	56071103	1.6563	(.6521)	.3125	(.1230)	1.6604	(.6537)	.2101	(.0827)	JUL-1
2	2.2703	(.8938)	55073103	1.9732	(.7768)	.2213	(.0871)	2.0204	(.7954)	.1231	(.0485)	2
AUG-1	2.3261	(.9158)	55081415	1.8918	(.7448)	.2694	(.1061)	1.9575	(.7707)	.2466	(.0971)	AUG-1
2	2.3454	(.9234)	55082315	2.0525	(.8081)	.1818	(.0716)	1.9893	(.7832)	.2092	(.0824)	2
SEP-1	2.3261	(.9158)	58091200	1.8492	(.7280)	.2849	(.1122)	1.9323	(.7608)	.2679	(.1055)	SEP-1
2	2.2868	(.9003)	61091712	1.5497	(.6101)	.3210	(.1264)	1.6293	(.6415)	.3936	(.1550)	2
OCT-1	2.1024	(.8277)	55100415	1.4218	(.5598)	.3538	(.1393)	1.5063	(.5930)	.3476	(.1369)	OCT-1
2	1.6312	(.6422)	56102315	1.2096	(.4762)	.2573	(.1013)	1.1449	(.4507)	.2893	(.1139)	2
NOV-1	1.5939	(.6275)	60110612	1.1262	(.4434)	.2674	(.1053)	1.0664	(.4198)	.2900	(.1142)	NOV-1
2	1.5428	(.6074)	65112312	.8050	(.3169)	.2442	(.0962)	.9166	(.3608)	.3303	(.1300)	2
DEC-1	1.4813	(.5832)	65120912	.8980	(.3535)	.1701	(.0670)	.9611	(.3784)	.2602	(.1024)	DEC-1
2	1.3089	(.5153)	57121600	.9134	(.3596)	.2794	(.1100)	.8729	(.3437)	.2356	(.0927)	2

ANCHORAGE, ALASKA 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.7523	(.6899)	63011200	1.0989	(.4326)	.3065	(.1207)	1.0489	(.4130)	.3353	(.1320)	JAN-1
2	2.0036	(.7888)	63011912	1.0318	(.4062)	.3473	(.1367)	1.0901	(.4292)	.3755	(.1478)	2
FEB-1	1.4120	(.5559)	68021412	.9948	(.3916)	.1879	(.0740)	.9970	(.3925)	.1747	(.0688)	FEB-1
2	1.4133	(.5564)	68022700	.9679	(.3811)	.2461	(.0969)	.9596	(.3778)	.2486	(.0979)	2
MAR-1	1.6779	(.6606)	67030312	1.0040	(.3953)	.3107	(.1223)	.9790	(.3854)	.3222	(.1268)	MAR-1
2	1.8745	(.7380)	65032312	1.0009	(.3941)	.2826	(.1113)	1.0816	(.4258)	.2845	(.1120)	2
APR-1	1.6843	(.6631)	67040112	1.0280	(.4047)	.1814	(.0714)	1.0631	(.4185)	.2310	(.0909)	APR-1
2	1.8727	(.7373)	61042300	1.2577	(.4952)	.3338	(.1314)	1.3108	(.5161)	.2830	(.1114)	2
MAY-1	1.8702	(.7363)	59051512	1.4228	(.5602)	.2425	(.0955)	1.4298	(.5629)	.2394	(.0942)	MAY-1
2	2.6081	(1.0268)	60052212	1.5959	(.6283)	.2237	(.0881)	1.7445	(.6868)	.3092	(.1217)	2
JUN-1	3.0818	(1.2133)	58060700	2.0385	(.8026)	.4138	(.1629)	2.1376	(.8416)	.3634	(.1431)	JUN-1
2	3.1311	(1.2327)	53062515	2.1822	(.8591)	.3421	(.1347)	2.3056	(.9077)	.3067	(.1208)	2
JUL-1	3.4077	(1.3416)	51070603	2.4129	(.9500)	.3323	(.1308)	2.5112	(.9887)	.2862	(.1127)	JUL-1
2	3.5517	(1.3983)	67072412	2.6658	(1.0495)	.3741	(.1473)	2.8057	(1.1046)	.3759	(.1480)	2
AUG-1	3.3652	(1.3249)	69080512	2.6121	(1.0284)	.3289	(.1295)	2.6571	(1.0461)	.2750	(.1083)	AUG-1
2	4.2263	(1.6639)	54082403	2.7266	(1.0735)	.6153	(.2423)	2.7156	(1.0691)	.6066	(.2388)	2
SEP-1	3.3746	(1.3286)	65090512	2.2750	(.8957)	.3771	(.1484)	2.3004	(.9057)	.4215	(.1659)	SEP-1
2	3.0848	(1.2145)	59092912	1.9916	(.7841)	.4209	(.1657)	2.0580	(.8102)	.4575	(.1801)	2
OCT-1	2.4115	(.9494)	63100612	1.4979	(.5897)	.2764	(.1088)	1.5705	(.6183)	.3226	(.1270)	OCT-1
2	2.1361	(.8410)	57102200	1.3149	(.5177)	.2821	(.1111)	1.3339	(.5252)	.2595	(.1022)	2
NOV-1	1.7259	(.6795)	51110115	1.2417	(.4889)	.2678	(.1054)	1.2305	(.4844)	.2414	(.0950)	NOV-1
2	1.6998	(.6692)	67112100	1.1408	(.4491)	.2974	(.1171)	1.1657	(.4589)	.3060	(.1205)	2
DEC-1	2.1399	(.8425)	61121000	1.0534	(.4147)	.3981	(.1567)	1.0140	(.3992)	.3481	(.1371)	DEC-1
2	2.2248	(.8759)	67122912	1.0765	(.4238)	.2879	(.1133)	1.0936	(.4306)	.3653	(.1438)	2
				SURFACE TO 700MB								
JAN-1	1.2334	(.4856)	63011512	.7588	(.2988)	.1876	(.0739)	.7518	(.2960)	.2285	(.0900)	JAN-1
2	1.3152	(.5178)	63011912	.7314	(.2880)	.2097	(.0825)	.7896	(.3109)	.2203	(.0867)	2
FEB-1	1.1252	(.4430)	68021412	.7463	(.2938)	.1355	(.0534)	.7637	(.3007)	.1324	(.0521)	FEB-1
2	.9964	(.3923)	62022600	.7134	(.2809)	.1529	(.0602)	.7072	(.2784)	.1561	(.0615)	2
MAR-1	1.1013	(.4336)	67030312	.7184	(.2828)	.2136	(.0841)	.7145	(.2813)	.2183	(.0860)	MAR-1
2	1.4036	(.5526)	65032312	.7371	(.2902)	.1753	(.0690)	.7982	(.3142)	.1910	(.0752)	2
APR-1	1.1877	(.4676)	67040112	.7612	(.2997)	.0952	(.0375)	.8030	(.3161)	.1305	(.0514)	APR-1
2	1.2898	(.5078)	66041812	.9298	(.3661)	.1871	(.0736)	.9553	(.3761)	.1805	(.0711)	2
MAY-1	1.3693	(.5391)	67051512	1.0637	(.4188)	.1701	(.0670)	1.0744	(.4230)	.1790	(.0705)	MAY-1
2	1.8021	(.7095)	60052300	1.1963	(.4710)	.1748	(.0688)	1.2926	(.5089)	.1904	(.0750)	2
JUN-1	2.2535	(.8872)	58060700	1.5068	(.5932)	.2936	(.1156)	1.5713	(.6186)	.2595	(.1022)	JUN-1
2	2.9779	(1.1724)	53062603	1.7003	(.6694)	.3673	(.1446)	1.7357	(.6833)	.2179	(.0858)	2
JUL-1	2.4742	(.9741)	51070603	1.8381	(.7237)	.2028	(.0798)	1.9089	(.7515)	.2075	(.0817)	JUL-1
2	2.4811	(.9768)	67072412	2.0075	(.7903)	.2346	(.0924)	2.0959	(.8251)	.2301	(.0906)	2
AUG-1	2.3086	(.9089)	52081203	1.9813	(.7800)	.1781	(.0701)	2.0091	(.7910)	.1306	(.0514)	AUG-1
2	2.7391	(1.0784)	51082715	2.0032	(.7887)	.3753	(.1477)	1.9710	(.7760)	.3797	(.1495)	2
SEP-1	2.3970	(.9437)	65090512	1.6451	(.6477)	.2200	(.0866)	1.7019	(.6700)	.2852	(.1123)	SEP-1
2	2.1138	(.8322)	54091703	1.4457	(.5692)	.2594	(.1021)	1.4580	(.5740)	.2659	(.1047)	2
OCT-1	1.6213	(.6383)	63100612	1.1387	(.4483)	.1432	(.0564)	1.1659	(.4590)	.1842	(.0725)	OCT-1
2	1.4773	(.5816)	57102112	.9885	(.3892)	.1480	(.0583)	.9984	(.3931)	.1686	(.0664)	2
NOV-1	1.1694	(.4604)	65111412	.8772	(.3454)	.1703	(.0671)	.8977	(.3534)	.1597	(.0629)	NOV-1
2	1.2764	(.5025)	67112100	.8164	(.3214)	.1945	(.0766)	.8617	(.3393)	.1901	(.0749)	2
DEC-1	1.3970	(.5500)	61121000	.7729	(.3043)	.2412	(.0950)	.7389	(.2909)	.1938	(.0763)	DEC-1
2	1.5621	(.6150)	67122912	.7857	(.3093)	.1856	(.0731)	.8061	(.3174)	.2514	(.0990)	2
				SURFACE TO 850MB								
JAN-1	.7371	(.2902)	63011512	.4338	(.1708)	.1059	(.0417)	.4201	(.1654)	.1209	(.0476)	JAN-1
2	.7699	(.3031)	63011600	.4195	(.1652)	.1267	(.0499)	.4408	(.1735)	.1113	(.0438)	2
FEB-1	.6200	(.2441)	68021412	.4248	(.1672)	.0633	(.0249)	.4271	(.1681)	.0694	(.0273)	FEB-1
2	.5735	(.2258)	62022012	.4140	(.1630)	.1028	(.0405)	.4057	(.1597)	.1045	(.0411)	2
MAR-1	.6137	(.2416)	67030312	.4225	(.1663)	.1167	(.0460)	.4202	(.1654)	.1237	(.0487)	MAR-1
2	.7927	(.3121)	65032312	.4233	(.1667)	.0944	(.0372)	.4470	(.1760)	.1054	(.0415)	2
APR-1	.6299	(.2480)	67040112	.4545	(.1790)	.0556	(.0219)	.4725	(.1860)	.0598	(.0235)	APR-1
2	.7285	(.2868)	66041812	.5516	(.2172)	.0961	(.0378)	.5564	(.2190)	.0982	(.0387)	2
MAY-1	.8311	(.3272)	51051003	.6344	(.2498)	.1007	(.0396)	.6463	(.2545)	.1009	(.0397)	MAY-1
2	1.0627	(.4184)	60052300	.7185	(.2829)	.1058	(.0417)	.7642	(.3009)	.0917	(.0361)	2
JUN-1	1.3533	(.5328)	58060700	.9016	(.3550)	.1714	(.0675)	.9372	(.3690)	.1656	(.0652)	JUN-1
2	1.7379	(.6842)	53062603	1.0373	(.4084)	.2128	(.0838)	1.0546	(.4152)	.1554	(.0612)	2
JUL-1	1.5314	(.6029)	51071103	1.1217	(.4416)	.1349	(.0531)	1.1773	(.4635)	.1220	(.0480)	JUL-1
2	1.4775	(.5817)	66072612	1.2258	(.4826)	.1314	(.0517)	1.2591	(.4957)	.1347	(.0530)	2
AUG-1	1.4041	(.5528)	50081403	1.1845	(.4663)	.1058	(.0417)	1.1930	(.4697)	.0753	(.0297)	AUG-1
2	1.6071	(.6327)	62082900	1.1752	(.4627)	.2233	(.0879)	1.1569	(.4555)	.1957	(.0771)	2
SEP-1	1.3228	(.5208)	65090512	.9768	(.3846)	.1331	(.0524)	1.0083	(.3970)	.1512	(.0595)	SEP-1
2	1.2680	(.4992)	54091703	.8486	(.3341)	.1470	(.0579)	.8445	(.3325)	.1422	(.0560)	2
OCT-1	.9378	(.3692)	54100103	.6703	(.2639)	.1017	(.0400)	.6698	(.2637)	.0887	(.0349)	OCT-1
2	.7998	(.3149)	57101900	.5677	(.2235)	.1000	(.0394)	.5603	(.2206)	.0858	(.0338)	2
NOV-1	.6741	(.2654)	62110200	.4981	(.1961)	.1026	(.0404)	.5083	(.2001)	.1027	(.0404)	NOV-1
2	.6619	(.2606)	67112112	.4542	(.1788)	.0962	(.0379)	.4817	(.1897)	.1006	(.0396)	2
DEC-1	.7214	(.2840)	61121000	.4253	(.1674)	.1199	(.0472)	.4148	(.1633)	.0956	(.0376)	DEC-1
2	.8529	(.3358)	67122912	.4393	(.1730)	.1261	(.0497)	.4466	(.1758)	.1398	(.0551)	2

ANNETTE, ALASKA 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.4402	(.9607)	65011412	1.5943	(.6277)	.3270	(.1287)	1.5943	(.6277)	.3588	(.1412)	JAN-1
2	2.7704	(1.0907)	68012300	1.5364	(.6049)	.5257	(.2070)	1.4596	(.5746)	.3597	(.1416)	2
FEB-1	2.4808	(.9767)	63020900	1.5756	(.6203)	.3233	(.1273)	1.6546	(.6514)	.3204	(.1262)	FEB-1
2	2.0063	(.7899)	65021812	1.4814	(.5832)	.2498	(.0983)	1.5142	(.5962)	.2980	(.1173)	2
MAR-1	1.9934	(.7848)	55030615	1.4722	(.5796)	.2401	(.0945)	1.4342	(.5647)	.2667	(.1050)	MAR-1
2	2.1836	(.8597)	51032003	1.4979	(.5897)	.3196	(.1258)	1.5560	(.6126)	.3540	(.1394)	2
APR-1	2.1958	(.8645)	58041200	1.5996	(.6298)	.2724	(.1072)	1.5607	(.6144)	.2244	(.0883)	APR-1
2	2.0693	(.8147)	65042612	1.5523	(.6111)	.2746	(.1081)	1.5792	(.6217)	.2828	(.1113)	2
MAY-1	2.4023	(.9458)	59051412	1.7729	(.6980)	.3318	(.1306)	1.8278	(.7196)	.3112	(.1225)	MAY-1
2	2.7056	(1.0652)	68052012	1.9471	(.7666)	.2646	(.1042)	2.0586	(.8105)	.3082	(.1213)	2
JUN-1	2.8308	(1.1145)	61060112	2.2759	(.8960)	.3058	(.1204)	2.3430	(.9224)	.3297	(.1298)	JUN-1
2	3.3348	(1.3129)	67062212	2.4297	(.9566)	.3179	(.1251)	2.5675	(1.0108)	.3038	(.1196)	2
JUL-1	3.4877	(1.3731)	61071012	2.6105	(1.0278)	.3378	(.1330)	2.7106	(1.0672)	.3359	(.1322)	JUL-1
2	3.7447	(1.4743)	61071912	2.8145	(1.1081)	.4049	(.1594)	2.9550	(1.1634)	.3614	(.1423)	2
AUG-1	3.9370	(1.5500)	63081400	2.8085	(1.1057)	.3884	(.1529)	2.9015	(1.1423)	.3012	(.1186)	AUG-1
2	3.7666	(1.4829)	58082400	2.8745	(1.1317)	.3776	(.1487)	3.0024	(1.1820)	.3816	(.1503)	2
SEP-1	3.6553	(1.4391)	63090912	2.7561	(1.0851)	.3046	(.1199)	2.7366	(1.0774)	.3433	(.1352)	SEP-1
2	3.5611	(1.4020)	57092000	2.6900	(1.0591)	.3639	(.1433)	2.7170	(1.0697)	.3169	(.1248)	2
OCT-1	3.6276	(1.4282)	58100212	2.4904	(.9805)	.4019	(.1582)	2.4378	(.9597)	.4390	(.1728)	OCT-1
2	3.0135	(1.1864)	65102212	2.2270	(.8768)	.4462	(.1757)	2.2500	(.8858)	.4333	(.1706)	2
NOV-1	2.7869	(1.0972)	62110112	2.0147	(.7932)	.3113	(.1226)	2.0266	(.7979)	.3620	(.1425)	NOV-1
2	2.6947	(1.0609)	67112200	1.7687	(.6963)	.4279	(.1685)	1.8389	(.7240)	.3730	(.1469)	2
DEC-1	2.5690	(1.0114)	62121100	1.7799	(.7007)	.4182	(.1646)	1.8447	(.7262)	.3832	(.1509)	DEC-1
2	2.4168	(.9515)	67122700	1.6351	(.6437)	.4364	(.1718)	1.6232	(.6390)	.4399	(.1732)	2
				SURFACE TO 700MB								
JAN-1	1.7661	(.6953)	63010612	1.1934	(.4698)	.2158	(.0850)	1.2171	(.4792)	.2346	(.0924)	JAN-1
2	1.8651	(.7343)	68012300	1.1753	(.4627)	.3288	(.1295)	1.1542	(.4544)	.2741	(.1079)	2
FEB-1	1.7841	(.7024)	63020900	1.2079	(.4756)	.2334	(.0919)	1.2504	(.4923)	.2299	(.0905)	FEB-1
2	1.5387	(.6058)	65021812	1.1336	(.4463)	.2053	(.0808)	1.1665	(.4592)	.2275	(.0896)	2
MAR-1	1.4681	(.5780)	55030615	1.1178	(.4401)	.1730	(.0681)	1.0915	(.4297)	.1906	(.0751)	MAR-1
2	1.5664	(.6167)	51032003	1.1578	(.4558)	.2111	(.0831)	1.1964	(.4710)	.2400	(.0945)	2
APR-1	1.7064	(.6718)	58041200	1.2256	(.4825)	.2019	(.0795)	1.1958	(.4708)	.1575	(.0620)	APR-1
2	1.5845	(.6238)	65042612	1.2003	(.4725)	.1781	(.0701)	1.2041	(.4741)	.1829	(.0720)	2
MAY-1	1.7186	(.6766)	59051412	1.3735	(.5407)	.2052	(.0808)	1.4072	(.5540)	.2015	(.0793)	MAY-1
2	1.9919	(.7842)	68052012	1.5189	(.5980)	.1930	(.0760)	1.5391	(.6059)	.1905	(.0750)	2
JUN-1	2.0775	(.8179)	69060300	1.7350	(.6831)	.1635	(.0644)	1.7562	(.6914)	.1893	(.0745)	JUN-1
2	2.3665	(.9317)	67062112	1.8656	(.7345)	.2050	(.0807)	1.9433	(.7651)	.2067	(.0814)	2
JUL-1	2.5573	(1.0068)	61071112	1.9928	(.7846)	.2441	(.0961)	2.0690	(.8146)	.2492	(.0981)	JUL-1
2	2.6904	(1.0592)	58072612	2.1561	(.8488)	.2653	(.1044)	2.2138	(.8716)	.2520	(.0992)	2
AUG-1	2.9634	(1.1667)	63081400	2.1573	(.8493)	.2717	(.1070)	2.2008	(.8665)	.1968	(.0775)	AUG-1
2	2.8514	(1.1226)	58082400	2.1496	(.8463)	.2771	(.1091)	2.2390	(.8815)	.2491	(.0981)	2
SEP-1	2.7701	(1.0906)	57091100	2.1315	(.8392)	.2136	(.0841)	2.0689	(.8145)	.2667	(.1050)	SEP-1
2	2.6774	(1.0541)	67092700	2.0646	(.8128)	.2723	(.1072)	2.0690	(.8146)	.2105	(.0829)	2
OCT-1	2.5941	(1.0213)	58100212	1.8754	(.7384)	.3098	(.1220)	1.8565	(.7309)	.2954	(.1163)	OCT-1
2	2.1448	(.8444)	65102212	1.6790	(.6610)	.2991	(.1178)	1.6702	(.6576)	.2852	(.1123)	2
NOV-1	2.0531	(.8083)	69110112	1.5545	(.6120)	.2467	(.0971)	1.5567	(.6129)	.2538	(.0999)	NOV-1
2	2.0132	(.7926)	67112200	1.3292	(.5233)	.3000	(.1181)	1.3744	(.5411)	.2533	(.0997)	2
DEC-1	1.8395	(.7242)	59120512	1.3310	(.5240)	.2551	(.1004)	1.3541	(.5331)	.2717	(.1070)	DEC-1
2	1.8374	(.7234)	67122700	1.2644	(.4978)	.3176	(.1251)	1.2385	(.4876)	.2907	(.1144)	2
				SURFACE TO 850MB								
JAN-1	.9578	(.3771)	65011500	.7138	(.2810)	.1291	(.0508)	.7140	(.2811)	.1247	(.0491)	JAN-1
2	.9731	(.3831)	65011612	.6800	(.2677)	.1683	(.0662)	.6847	(.2696)	.1635	(.0644)	2
FEB-1	1.0749	(.4232)	59020200	.7251	(.2855)	.1459	(.0574)	.7074	(.2785)	.1209	(.0476)	FEB-1
2	.9764	(.3844)	68022612	.6875	(.2707)	.1163	(.0458)	.7191	(.2831)	.1348	(.0531)	2
MAR-1	.9009	(.3547)	65031012	.6822	(.2686)	.0981	(.0386)	.6829	(.2689)	.1161	(.0457)	MAR-1
2	.9190	(.3618)	69033012	.7087	(.2790)	.1053	(.0414)	.7140	(.2811)	.1248	(.0492)	2
APR-1	.9921	(.3906)	58041200	.7355	(.2896)	.1084	(.0427)	.7150	(.2815)	.0828	(.0326)	APR-1
2	.9126	(.3593)	65042612	.7314	(.2879)	.0881	(.0347)	.7301	(.2874)	.0843	(.0332)	2
MAY-1	1.0554	(.4155)	56051503	.8671	(.3414)	.1067	(.0420)	.8666	(.3412)	.1052	(.0414)	MAY-1
2	1.1392	(.4485)	68052012	.9216	(.3628)	.0988	(.0389)	.9247	(.3640)	.0906	(.0357)	2
JUN-1	1.3625	(.5364)	69061512	1.0513	(.4139)	.0904	(.0356)	1.0619	(.4181)	.1313	(.0517)	JUN-1
2	1.4757	(.5810)	67062112	1.1570	(.4555)	.1316	(.0518)	1.1734	(.4620)	.1412	(.0556)	2
JUL-1	1.6032	(.6312)	61071112	1.2215	(.4809)	.1344	(.0529)	1.2792	(.5036)	.1320	(.0520)	JUL-1
2	1.6347	(.6436)	58072700	1.3289	(.5232)	.1422	(.0560)	1.3349	(.5256)	.1330	(.0523)	2
AUG-1	1.6388	(.6452)	52080315	1.3136	(.5172)	.1326	(.0522)	1.3332	(.5249)	.1151	(.0453)	AUG-1
2	1.7607	(.6932)	58082112	1.3133	(.5171)	.1649	(.0649)	1.3456	(.5298)	.1671	(.0658)	2
SEP-1	1.6068	(.6326)	63090912	1.2869	(.5066)	.1261	(.0496)	1.2699	(.5000)	.1609	(.0633)	SEP-1
2	1.5916	(.6266)	57093000	1.2521	(.4930)	.1438	(.0566)	1.2428	(.4893)	.1404	(.0553)	2
OCT-1	1.4595	(.5746)	59100112	1.1031	(.4343)	.1766	(.0695)	1.0893	(.4289)	.1566	(.0617)	OCT-1
2	1.2266	(.4829)	65102300	.9945	(.3915)	.1760	(.0693)	.9662	(.3804)	.1542	(.0607)	2
NOV-1	1.2568	(.4948)	69110112	.9233	(.3635)	.1464	(.0577)	.9280	(.3654)	.1338	(.0527)	NOV-1
2	1.0996	(.4329)	57112212	.7919	(.3118)	.1593	(.0627)	.8098	(.3188)	.1280	(.0504)	2
DEC-1	1.0404	(.4096)	59120512	.7755	(.3053)	.1311	(.0516)	.7880	(.3102)	.1304	(.0513)	DEC-1
2	1.0122	(.3985)	60122200	.7477	(.2944)	.1660	(.0654)	.7416	(.2920)	.1499	(.0590)	2

BARROW, ALASKA 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.5522	(.6111)	68010212	.5958	(.2346)	.2880	(.1134)	.6493	(.2556)	.3258	(.1283)	JAN-1
2	1.9619	(.7724)	63011800	.8070	(.3177)	.3936	(.1550)	.7661	(.3016)	.2938	(.1156)	2
FEB-1	1.0630	(.4185)	58020312	.5231	(.2059)	.2059	(.0811)	.5336	(.2101)	.2569	(.1012)	FEB-1
2	1.3175	(.5187)	62022512	.5085	(.2002)	.2756	(.1085)	.5383	(.2119)	.3067	(.1207)	2
MAR-1	1.1753	(.4627)	67031412	.5560	(.2189)	.2598	(.1023)	.5622	(.2214)	.2816	(.1109)	MAR-1
2	1.4033	(.5525)	65032200	.5879	(.2315)	.2528	(.0995)	.5806	(.2286)	.2667	(.1050)	2
APR-1	1.2032	(.4737)	57041215	.6396	(.2518)	.2573	(.1013)	.6711	(.2642)	.2345	(.0923)	APR-1
2	1.5621	(.6150)	58042600	.8265	(.3254)	.2783	(.1096)	.8864	(.3490)	.2212	(.0871)	2
MAY-1	1.6144	(.6356)	67050712	.9405	(.3703)	.2339	(.0921)	1.0503	(.4135)	.2781	(.1095)	MAY-1
2	2.0607	(.8113)	60052512	1.1761	(.4630)	.3050	(.1201)	1.3342	(.5253)	.3288	(.1295)	2
JUN-1	2.2101	(.8701)	58060612	1.5698	(.6180)	.3449	(.1358)	1.6749	(.6594)	.2888	(.1137)	JUN-1
2	2.7221	(1.0717)	66062912	1.8854	(.7423)	.3374	(.1328)	1.9816	(.7802)	.3306	(.1301)	2
JUL-1	2.8623	(1.1269)	58070412	2.1263	(.8371)	.2823	(.1111)	2.2691	(.8933)	.3355	(.1321)	JUL-1
2	3.4991	(1.3776)	55072115	2.3172	(.9123)	.4708	(.1854)	2.4586	(.9679)	.3970	(.1563)	2
AUG-1	3.2784	(1.2907)	60081112	2.2739	(.8952)	.4120	(.1622)	2.4153	(.9509)	.4107	(.1617)	AUG-1
2	2.7719	(1.0913)	54082415	1.9903	(.7836)	.4005	(.1577)	2.0671	(.8138)	.4068	(.1602)	2
SEP-1	2.5159	(.9905)	65091012	1.5957	(.6282)	.3820	(.1504)	1.6445	(.6475)	.3475	(.1368)	SEP-1
2	1.9494	(.7675)	54091603	1.2708	(.5003)	.2703	(.1064)	1.3626	(.5364)	.2807	(.1105)	2
OCT-1	2.2603	(.8899)	57100600	1.1388	(.4483)	.4332	(.1705)	1.1485	(.4522)	.4024	(.1584)	OCT-1
2	1.8664	(.7348)	51101815	.8550	(.3366)	.3507	(.1381)	.9135	(.3596)	.4114	(.1620)	2
NOV-1	1.5029	(.5917)	51110203	.7959	(.3133)	.2919	(.1149)	.7780	(.3063)	.2775	(.1092)	NOV-1
2	1.3630	(.5366)	66111700	.7557	(.2975)	.3332	(.1312)	.6143	(.2419)	.1878	(.0739)	2
DEC-1	1.0813	(.4257)	58120500	.5771	(.2272)	.2364	(.0931)	.5827	(.2294)	.2084	(.0820)	DEC-1
2	1.3134	(.5171)	64122012	.6066	(.2388)	.2553	(.1005)	.6680	(.2630)	.3158	(.1243)	2
				SURFACE TO 700MB								
JAN-1	1.0584	(.4167)	68010212	.4275	(.1683)	.2001	(.0788)	.4704	(.1852)	.2341	(.0922)	JAN-1
2	1.4542	(.5725)	63011800	.6039	(.2378)	.2869	(.1130)	.5671	(.2232)	.2337	(.0920)	2
FEB-1	.7846	(.3089)	57020415	.3797	(.1495)	.1514	(.0596)	.4017	(.1581)	.1679	(.0661)	FEB-1
2	1.0386	(.4089)	57022215	.3918	(.1543)	.2146	(.0845)	.4352	(.1713)	.2455	(.0966)	2
MAR-1	.8852	(.3485)	67031412	.4426	(.1742)	.2037	(.0802)	.4083	(.1608)	.2188	(.0861)	MAR-1
2	.9792	(.3855)	65032200	.4310	(.1697)	.1852	(.0729)	.4452	(.1753)	.2141	(.0843)	2
APR-1	.9195	(.3620)	57041215	.4892	(.1926)	.1785	(.0703)	.5039	(.1984)	.1780	(.0701)	APR-1
2	1.0879	(.4283)	58042700	.6205	(.2443)	.1793	(.0706)	.6761	(.2662)	.1729	(.0681)	2
MAY-1	1.1549	(.4547)	53051515	.7319	(.2881)	.1645	(.0648)	.7966	(.3136)	.1776	(.0699)	MAY-1
2	1.4686	(.5782)	51053115	.8994	(.3541)	.1931	(.0760)	1.0408	(.4097)	.2185	(.0860)	2
JUN-1	1.6952	(.6674)	58060612	1.2360	(.4866)	.2381	(.0937)	1.3146	(.5176)	.1892	(.0745)	JUN-1
2	1.9815	(.7801)	66062912	1.4569	(.5736)	.2293	(.0903)	1.5160	(.5969)	.1877	(.0739)	2
JUL-1	2.1928	(.8633)	67071312	1.6310	(.6421)	.2113	(.0832)	1.7258	(.6794)	.2517	(.0991)	JUL-1
2	2.5850	(1.0177)	55072203	1.7400	(.6850)	.3449	(.1358)	1.7763	(.6993)	.2663	(.1049)	2
AUG-1	2.2555	(.8880)	60081112	1.7595	(.6927)	.2893	(.1139)	1.7961	(.7071)	.2866	(.1128)	AUG-1
2	2.1069	(.8295)	50081803	1.5279	(.6015)	.2724	(.1073)	1.5607	(.6145)	.2905	(.1144)	2
SEP-1	1.9103	(.7521)	65091012	1.2440	(.4898)	.2785	(.1096)	1.2436	(.4896)	.2356	(.0927)	SEP-1
2	1.5090	(.5941)	54091603	.9796	(.3857)	.2244	(.0883)	1.0179	(.4007)	.1859	(.0732)	2
OCT-1	1.4877	(.5857)	57100600	.8521	(.3355)	.2618	(.1031)	.8611	(.3390)	.2591	(.1020)	OCT-1
2	1.3434	(.5289)	51101815	.6770	(.2666)	.2505	(.0986)	.6935	(.2730)	.2597	(.1022)	2
NOV-1	.9472	(.3729)	51110215	.6031	(.2374)	.1940	(.0764)	.5764	(.2269)	.2025	(.0797)	NOV-1
2	1.0180	(.4008)	52112403	.5595	(.2203)	.2378	(.0936)	.4886	(.1923)	.1573	(.0619)	2
DEC-1	.7150	(.2815)	63120912	.4205	(.1655)	.1607	(.0633)	.4159	(.1637)	.1455	(.0573)	DEC-1
2	.8362	(.3292)	64122012	.4164	(.1639)	.1665	(.0656)	.4740	(.1866)	.2233	(.0879)	2
				SURFACE TO 850MB								
JAN-1	.5278	(.2078)	68010212	.2338	(.0921)	.1253	(.0493)	.2505	(.0986)	.1349	(.0531)	JAN-1
2	.7925	(.3120)	63011800	.3326	(.1309)	.1671	(.0658)	.3234	(.1273)	.1535	(.0604)	2
FEB-1	.4491	(.1768)	57020415	.1925	(.0758)	.0829	(.0326)	.2026	(.0798)	.1034	(.0407)	FEB-1
2	.6223	(.2450)	57022215	.2243	(.0883)	.1369	(.0539)	.2408	(.0948)	.1510	(.0595)	2
MAR-1	.4910	(.1933)	62030100	.2561	(.1008)	.1221	(.0481)	.2393	(.0942)	.1300	(.0512)	MAR-1
2	.5898	(.2322)	65032312	.2348	(.0925)	.1197	(.0471)	.2379	(.0937)	.1325	(.0521)	2
APR-1	.5568	(.2192)	54040115	.2835	(.1116)	.1178	(.0464)	.2922	(.1150)	.1269	(.0500)	APR-1
2	.6104	(.2403)	58042700	.3649	(.1437)	.0980	(.0386)	.4046	(.1593)	.1026	(.0404)	2
MAY-1	.6566	(.2585)	56050303	.4532	(.1784)	.1029	(.0405)	.4614	(.1817)	.0855	(.0337)	MAY-1
2	.8893	(.3501)	51053115	.5306	(.2089)	.0896	(.0353)	.6049	(.2381)	.1085	(.0427)	2
JUN-1	1.0013	(.3942)	58060612	.7426	(.2924)	.1192	(.0469)	.7872	(.3099)	.1333	(.0525)	JUN-1
2	1.1156	(.4392)	66062912	.8481	(.3339)	.1111	(.0437)	.8921	(.3512)	.1086	(.0428)	2
JUL-1	1.3383	(.5269)	67071312	.9892	(.3894)	.1561	(.0615)	1.0501	(.4134)	.1618	(.0637)	JUL-1
2	1.5913	(.6265)	55072203	1.0279	(.4047)	.2045	(.0805)	1.0443	(.4111)	.1645	(.0648)	2
AUG-1	1.3744	(.5411)	68080712	1.0469	(.4122)	.1822	(.0718)	1.0591	(.4170)	.2009	(.0791)	AUG-1
2	1.2591	(.4957)	50081803	.8931	(.3516)	.1701	(.0670)	.9058	(.3566)	.1540	(.0606)	2
SEP-1	1.0836	(.4266)	65091012	.7355	(.2896)	.1581	(.0622)	.7364	(.2899)	.1496	(.0589)	SEP-1
2	.9177	(.3613)	54091603	.5893	(.2320)	.1316	(.0518)	.5919	(.2330)	.1058	(.0416)	2
OCT-1	.7813	(.3076)	59100700	.5132	(.2020)	.1312	(.0516)	.5215	(.2053)	.1352	(.0532)	OCT-1
2	.7422	(.2922)	57102400	.3993	(.1572)	.1469	(.0578)	.4019	(.1582)	.1384	(.0545)	2
NOV-1	.5898	(.2322)	65110812	.3476	(.1369)	.1116	(.0439)	.3208	(.1263)	.1189	(.0468)	NOV-1
2	.6137	(.2416)	52112403	.3052	(.1202)	.1340	(.0528)	.2891	(.1138)	.1010	(.0398)	2
DEC-1	.4166	(.1640)	66120400	.2191	(.0863)	.0988	(.0389)	.2118	(.0834)	.0859	(.0338)	DEC-1
2	.4648	(.1830)	68122312	.2253	(.0887)	.1055	(.0415)	.2486	(.0979)	.1348	(.0531)	2

BARTER ISLAND, ALASKA 17 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.4709	(.5791)	68010300	.7235	(.2848)	.3651	(.1438)	.6195	(.2439)	.2980	(.1173)	JAN-1
2	1.9454	(.7659)	63011800	.7867	(.3097)	.3792	(.1493)	.7415	(.2919)	.3510	(.1382)	2
FEB-1	1.2228	(.4814)	60020112	.5715	(.2250)	.2361	(.0930)	.5788	(.2279)	.2703	(.1064)	FEB-1
2	1.2311	(.4847)	62022600	.6118	(.2409)	.3085	(.1214)	.5755	(.2266)	.2746	(.1081)	2
MAR-1	1.1671	(.4595)	67031512	.5986	(.2357)	.2451	(.0965)	.6477	(.2550)	.2632	(.1036)	MAR-1
2	1.2347	(.4861)	54032903	.6419	(.2527)	.3027	(.1192)	.6448	(.2539)	.1659	(.0653)	2
APR-1	1.1466	(.4514)	65041512	.6489	(.2555)	.2330	(.0918)	.6735	(.2652)	.2698	(.1062)	APR-1
2	1.5331	(.6036)	58042800	.8964	(.3529)	.2836	(.1116)	.9415	(.3707)	.3123	(.1230)	2
MAY-1	1.8430	(.7256)	57050703	1.0301	(.4055)	.3066	(.1207)	1.0661	(.4197)	.2188	(.0861)	MAY-1
2	2.0414	(.8037)	57052215	1.2766	(.5026)	.3186	(.1255)	1.3182	(.5190)	.2913	(.1147)	2
JUN-1	2.1786	(.8577)	65061112	1.6651	(.6555)	.2638	(.1039)	1.7464	(.6876)	.2566	(.1010)	JUN-1
2	2.8720	(1.1307)	58062312	1.9988	(.7869)	.3603	(.1419)	2.1824	(.8592)	.3070	(.1209)	2
JUL-1	3.0597	(1.2046)	54070303	2.2666	(.8924)	.3704	(.1458)	2.3338	(.9188)	.2708	(.1066)	JUL-1
2	3.9182	(1.5426)	55072203	2.4245	(.9545)	.4789	(.1886)	2.5732	(1.0131)	.3573	(.1407)	2
AUG-1	3.3266	(1.3097)	60081112	2.1635	(.8518)	.3827	(.1507)	2.3500	(.9252)	.4772	(.1879)	AUG-1
2	2.9195	(1.1494)	57081600	2.1069	(.8295)	.4114	(.1620)	2.1630	(.8516)	.3918	(.1542)	2
SEP-1	2.2781	(.8969)	57090312	1.6846	(.6632)	.3100	(.1221)	1.6867	(.6641)	.2692	(.1060)	SEP-1
2	1.9428	(.7649)	59093012	1.4166	(.5577)	.2485	(.0979)	1.4423	(.5679)	.3003	(.1182)	2
OCT-1	1.9914	(.7840)	57100612	1.1658	(.4590)	.3488	(.1373)	1.1365	(.4474)	.3602	(.1418)	OCT-1
2	1.9515	(.7683)	57102212	.9150	(.3602)	.2929	(.1153)	.8923	(.3513)	.3434	(.1352)	2
NOV-1	1.3746	(.5412)	65110812	.7392	(.2910)	.2826	(.1113)	.7616	(.2999)	.2783	(.1096)	NOV-1
2	1.1626	(.4577)	66112900	.6502	(.2560)	.2253	(.0887)	.6714	(.2643)	.2401	(.0945)	2
DEC-1	1.0874	(.4281)	61121112	.6323	(.2490)	.2412	(.0950)	.6234	(.2454)	.2212	(.0871)	DEC-1
2	1.3277	(.5227)	67123000	.6172	(.2430)	.3088	(.1216)	.5466	(.2152)	.2096	(.0825)	2
				SURFACE TO 700MB								
JAN-1	1.0577	(.4164)	68010300	.4882	(.1922)	.2540	(.1000)	.4155	(.1636)	.2137	(.0841)	JAN-1
2	1.4112	(.5556)	63011800	.5971	(.2351)	.2830	(.1114)	.5715	(.2250)	.2520	(.0992)	2
FEB-1	1.0955	(.4313)	60020112	.4160	(.1638)	.1413	(.0556)	.4457	(.1755)	.2275	(.0896)	FEB-1
2	1.0574	(.4163)	62022600	.4564	(.1797)	.2510	(.0988)	.3894	(.1533)	.1953	(.0769)	2
MAR-1	.9235	(.3636)	67031512	.4497	(.1770)	.1867	(.0735)	.4873	(.1919)	.2140	(.0843)	MAR-1
2	.9888	(.3893)	65032400	.4919	(.1936)	.2423	(.0954)	.4775	(.1880)	.1713	(.0674)	2
APR-1	.8118	(.3196)	54040115	.5066	(.1995)	.1718	(.0676)	.5254	(.2068)	.1872	(.0737)	APR-1
2	1.2162	(.4788)	58042800	.6767	(.2664)	.2204	(.0868)	.6904	(.2718)	.2182	(.0859)	2
MAY-1	1.2619	(.4968)	57050703	.7990	(.3146)	.1974	(.0777)	.8192	(.3225)	.1416	(.0557)	MAY-1
2	1.4633	(.5761)	57052215	.9881	(.3890)	.2323	(.0914)	1.0351	(.4075)	.1910	(.0752)	2
JUN-1	1.6627	(.6546)	61060712	1.2886	(.5073)	.1734	(.0683)	1.3363	(.5261)	.1830	(.0720)	JUN-1
2	2.1138	(.8322)	58062312	1.5247	(.6003)	.2490	(.0980)	1.6565	(.6521)	.2143	(.0844)	2
JUL-1	2.1862	(.8607)	54070303	1.7332	(.6823)	.2234	(.0880)	1.7699	(.6968)	.1983	(.0781)	JUL-1
2	2.8445	(1.1199)	55072203	1.8347	(.7223)	.3267	(.1286)	1.9657	(.7739)	.2776	(.1093)	2
AUG-1	2.2819	(.8984)	60081112	1.6412	(.6461)	.2679	(.1055)	1.7772	(.6997)	.3210	(.1264)	AUG-1
2	2.1831	(.8595)	57081600	1.5714	(.6187)	.3093	(.1218)	1.6210	(.6382)	.2893	(.1139)	2
SEP-1	1.7066	(.6719)	57090112	1.2677	(.4991)	.1652	(.0650)	1.2964	(.5104)	.1909	(.0752)	SEP-1
2	1.4262	(.5615)	54091615	1.1055	(.4352)	.1563	(.0615)	1.0908	(.4295)	.1816	(.0715)	2
OCT-1	1.3017	(.5125)	57100612	.8631	(.3398)	.2297	(.0904)	.8372	(.3296)	.2342	(.0922)	OCT-1
2	1.3350	(.5256)	57102300	.6728	(.2649)	.2178	(.0858)	.6603	(.2600)	.2079	(.0819)	2
NOV-1	1.0676	(.4203)	65110812	.5504	(.2167)	.2091	(.0823)	.5699	(.2244)	.2146	(.0845)	NOV-1
2	.8626	(.3396)	56112903	.4775	(.1880)	.1595	(.0628)	.5020	(.1976)	.1686	(.0664)	2
DEC-1	.7615	(.2998)	61121200	.4681	(.1843)	.1520	(.0598)	.4577	(.1802)	.1351	(.0532)	DEC-1
2	.9629	(.3791)	67123000	.4608	(.1814)	.2200	(.0866)	.4218	(.1661)	.1576	(.0621)	2
				SURFACE TO 850MB								
JAN-1	.5184	(.2041)	68010300	.2549	(.1004)	.1385	(.0545)	.2232	(.0879)	.1167	(.0459)	JAN-1
2	.7643	(.3009)	63011800	.3386	(.1333)	.1675	(.0660)	.3214	(.1265)	.1586	(.0625)	2
FEB-1	.4158	(.1637)	68021100	.2119	(.0834)	.0816	(.0321)	.1919	(.0756)	.0748	(.0295)	FEB-1
2	.6609	(.2602)	62022600	.2557	(.1007)	.1566	(.0616)	.2189	(.0862)	.1211	(.0477)	2
MAR-1	.5629	(.2216)	67031512	.2568	(.1011)	.1317	(.0518)	.2649	(.1043)	.1445	(.0569)	MAR-1
2	.5870	(.2311)	65032400	.2722	(.1072)	.1546	(.0609)	.2559	(.1008)	.1153	(.0454)	2
APR-1	.4917	(.1936)	65041512	.2961	(.1166)	.1088	(.0429)	.2955	(.1164)	.1202	(.0473)	APR-1
2	.7099	(.2795)	58042800	.3937	(.1550)	.1322	(.0521)	.3922	(.1544)	.1135	(.0447)	2
MAY-1	.6675	(.2628)	67050212	.4661	(.1835)	.0976	(.0384)	.4800	(.1890)	.0810	(.0319)	MAY-1
2	.8745	(.3443)	54053103	.5789	(.2279)	.1295	(.0510)	.6059	(.2385)	.0890	(.0350)	2
JUN-1	1.0599	(.4173)	61060712	.7555	(.2974)	.0950	(.0374)	.7948	(.3129)	.1177	(.0463)	JUN-1
2	1.1946	(.4703)	62062012	.8849	(.3484)	.1489	(.0586)	.9674	(.3809)	.1537	(.0605)	2
JUL-1	1.3188	(.5192)	54070303	1.0152	(.3997)	.1482	(.0583)	1.0469	(.4122)	.1217	(.0479)	JUL-1
2	1.7569	(.6917)	55072215	1.0941	(.4307)	.1890	(.0744)	1.1634	(.4580)	.1908	(.0751)	2
AUG-1	1.4707	(.5790)	62081312	.9596	(.3778)	.1756	(.0692)	1.0669	(.4200)	.1924	(.0758)	AUG-1
2	1.3198	(.5196)	57081612	.9285	(.3655)	.2034	(.0801)	.9496	(.3738)	.1697	(.0668)	2
SEP-1	.9497	(.3739)	57090112	.7277	(.2865)	.0860	(.0338)	.7591	(.2988)	.0959	(.0377)	SEP-1
2	.8593	(.3383)	54091615	.6419	(.2527)	.0919	(.0362)	.6309	(.2484)	.1095	(.0431)	2
OCT-1	.6955	(.2738)	57100700	.4935	(.1943)	.1246	(.0491)	.4787	(.1885)	.1165	(.0458)	OCT-1
2	.7257	(.2857)	57102312	.3786	(.1491)	.1186	(.0467)	.3883	(.1529)	.1363	(.0536)	2
NOV-1	.6126	(.2412)	65110812	.3103	(.1222)	.1131	(.0445)	.3080	(.1213)	.1217	(.0479)	NOV-1
2	.4895	(.1927)	56112903	.2584	(.1017)	.1000	(.0394)	.2707	(.1066)	.1105	(.0435)	2
DEC-1	.4209	(.1657)	61121200	.2442	(.0961)	.0890	(.0350)	.2366	(.0931)	.0845	(.0333)	DEC-1
2	.5237	(.2062)	67123000	.2339	(.0921)	.1294	(.0509)	.2250	(.0886)	.1008	(.0397)	2

BETHEL, ALASKA 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.9522	(.7686)	50010115	1.1658	(.4590)	.4063	(.1599)	1.1901	(.4685)	.4055	(.1596)	JAN-1
2	2.1735	(.8557)	63012412	1.1945	(.4703)	.3196	(.1258)	1.1072	(.4359)	.3756	(.1479)	2
FEB-1	1.7620	(.6937)	58020300	.9960	(.3921)	.2894	(.1139)	1.0029	(.3949)	.3361	(.1323)	FEB-1
2	2.0434	(.8045)	56022215	1.0683	(.4206)	.4522	(.1780)	1.0991	(.4327)	.3927	(.1546)	2
MAR-1	1.5116	(.5951)	55030515	.9561	(.3764)	.2595	(.1022)	.9975	(.3927)	.2934	(.1155)	MAR-1
2	2.0612	(.8115)	63032512	.9805	(.3860)	.3274	(.1289)	1.0611	(.4178)	.4011	(.1579)	2
APR-1	1.8943	(.7458)	65041512	1.0156	(.3999)	.3436	(.1353)	1.1200	(.4409)	.3325	(.1309)	APR-1
2	2.1455	(.8447)	67041612	1.2330	(.4854)	.3344	(.1317)	1.3824	(.5442)	.3638	(.1432)	2
MAY-1	2.4729	(.9736)	63050600	1.4349	(.5649)	.4053	(.1596)	1.4520	(.5716)	.3105	(.1222)	MAY-1
2	2.2395	(.8817)	60052200	1.6309	(.6421)	.2395	(.0943)	1.7641	(.6945)	.2900	(.1142)	2
JUN-1	2.6218	(1.0322)	57061212	1.8903	(.7442)	.3238	(.1275)	2.0497	(.8069)	.3189	(.1256)	JUN-1
2	2.9891	(1.1768)	53062603	2.2891	(.9012)	.4498	(.1771)	2.2461	(.8843)	.3037	(.1196)	2
JUL-1	3.2609	(1.2838)	51070803	2.4146	(.9506)	.4109	(.1618)	2.5176	(.9912)	.2425	(.0955)	JUL-1
2	4.1120	(1.6189)	61073012	2.8999	(1.1417)	.5604	(.2206)	2.9933	(1.1785)	.5767	(.2271)	2
AUG-1	4.3678	(1.7196)	56080603	2.8842	(1.1355)	.5593	(.2202)	2.7984	(1.1017)	.4637	(.1826)	AUG-1
2	3.8720	(1.5244)	63081700	2.7915	(1.0990)	.6226	(.2451)	2.8439	(1.1197)	.5681	(.2237)	2
SEP-1	3.1374	(1.2352)	65090912	2.2075	(.8691)	.4891	(.1926)	2.2626	(.8908)	.3864	(.1521)	SEP-1
2	3.3480	(1.3181)	54091603	2.0167	(.7940)	.5442	(.2142)	2.0868	(.8216)	.4979	(.1960)	2
OCT-1	2.8412	(1.1186)	63100600	1.6016	(.6306)	.5041	(.1985)	1.5052	(.5926)	.3974	(.1564)	OCT-1
2	1.9423	(.7647)	69102412	1.2189	(.4799)	.3185	(.1254)	1.1852	(.4666)	.2970	(.1169)	2
NOV-1	2.1206	(.8349)	65111112	1.2220	(.4811)	.2756	(.1085)	1.2426	(.4892)	.3394	(.1336)	NOV-1
2	2.2294	(.8777)	66111700	1.2123	(.4773)	.4655	(.1833)	1.2063	(.4749)	.3999	(.1574)	2
DEC-1	2.2395	(.8817)	61121000	1.0233	(.4029)	.4025	(.1585)	.9810	(.3862)	.2615	(.1029)	DEC-1
2	1.8938	(.7456)	68121812	1.0650	(.4193)	.3434	(.1352)	1.1320	(.4457)	.3459	(.1362)	2
				SURFACE TO 700MB								
JAN-1	1.6579	(.6527)	52011515	.8664	(.3411)	.2604	(.1025)	.9116	(.3589)	.3181	(.1252)	JAN-1
2	1.4638	(.5763)	63012412	.8875	(.3494)	.2219	(.0874)	.8342	(.3284)	.2587	(.1019)	2
FEB-1	1.3566	(.5341)	57020415	.7530	(.2965)	.2137	(.0841)	.7743	(.3048)	.2533	(.0997)	FEB-1
2	1.4829	(.5838)	55022603	.8063	(.3175)	.3071	(.1209)	.8137	(.3204)	.2726	(.1073)	2
MAR-1	1.1720	(.4614)	55030515	.7387	(.2908)	.1696	(.0668)	.7667	(.3018)	.2046	(.0806)	MAR-1
2	1.4000	(.5512)	65032300	.7444	(.2931)	.2160	(.0850)	.7960	(.3134)	.2502	(.0985)	2
APR-1	1.5687	(.6176)	65041512	.7721	(.3040)	.2262	(.0891)	.8560	(.3370)	.2499	(.0984)	APR-1
2	1.5024	(.5915)	67041612	.9282	(.3654)	.2180	(.0858)	1.0205	(.4018)	.2353	(.0926)	2
MAY-1	1.8857	(.7424)	63050600	1.0764	(.4238)	.3034	(.1194)	1.0557	(.4156)	.1912	(.0753)	MAY-1
2	1.6805	(.6616)	60052200	1.2258	(.4826)	.1732	(.0682)	1.3118	(.5165)	.2111	(.0831)	2
JUN-1	2.0041	(.7890)	57060800	1.4568	(.5735)	.2287	(.0900)	1.5193	(.5982)	.1844	(.0726)	JUN-1
2	2.2045	(.8679)	63063012	1.7124	(.6742)	.2638	(.1038)	1.6967	(.6680)	.2058	(.0810)	2
JUL-1	2.3236	(.9148)	51071415	1.8316	(.7211)	.2454	(.0966)	1.8877	(.7432)	.2057	(.0810)	JUL-1
2	2.8161	(1.1087)	61073012	2.1753	(.8564)	.3578	(.1409)	2.2229	(.8752)	.3549	(.1397)	2
AUG-1	3.1453	(1.2383)	56080603	2.1655	(.8526)	.3644	(.1435)	2.0969	(.8255)	.3005	(.1183)	AUG-1
2	2.9969	(1.1799)	63081700	2.1033	(.8281)	.4358	(.1716)	2.0724	(.8159)	.3748	(.1475)	2
SEP-1	2.3741	(.9347)	65090312	1.6810	(.6618)	.3280	(.1291)	1.7272	(.6800)	.2778	(.1094)	SEP-1
2	2.4770	(.9752)	54091603	1.5114	(.5950)	.3501	(.1378)	1.5616	(.6148)	.3151	(.1241)	2
OCT-1	1.8793	(.7399)	63100600	1.1809	(.4649)	.3124	(.1230)	1.1130	(.4382)	.2393	(.0942)	OCT-1
2	1.4602	(.5749)	69102412	.9270	(.3650)	.2151	(.0847)	.9204	(.3623)	.2168	(.0853)	2
NOV-1	1.2372	(.4871)	65111112	.8922	(.3513)	.1740	(.0685)	.8822	(.3473)	.2118	(.0834)	NOV-1
2	1.6393	(.6454)	66111700	.8895	(.3502)	.3132	(.1233)	.9097	(.3582)	.3002	(.1182)	2
DEC-1	1.4516	(.5715)	61121000	.7519	(.2960)	.2356	(.0927)	.7457	(.2936)	.1624	(.0639)	DEC-1
2	1.2918	(.5086)	64121812	.8210	(.3232)	.2190	(.0862)	.8597	(.3385)	.2447	(.0963)	2
				SURFACE TO 850MB								
JAN-1	.8324	(.3277)	63011512	.4654	(.1832)	.1319	(.0519)	.4950	(.1949)	.1634	(.0643)	JAN-1
2	.8910	(.3508)	63012812	.5178	(.2039)	.1356	(.0534)	.5000	(.1968)	.1564	(.0616)	2
FEB-1	.8458	(.3330)	57020415	.4267	(.1680)	.1343	(.0529)	.4397	(.1731)	.1491	(.0587)	FEB-1
2	.8288	(.3263)	55022603	.4618	(.1818)	.1700	(.0669)	.4663	(.1836)	.1436	(.0565)	2
MAR-1	.6401	(.2520)	55030515	.4396	(.1731)	.0889	(.0350)	.4660	(.1834)	.1090	(.0429)	MAR-1
2	.8077	(.3180)	65032300	.4423	(.1741)	.1188	(.0468)	.4476	(.1762)	.1231	(.0485)	2
APR-1	.9263	(.3647)	65041512	.4613	(.1816)	.1106	(.0435)	.5042	(.1985)	.1466	(.0577)	APR-1
2	.8616	(.3392)	65041600	.5551	(.2185)	.1165	(.0459)	.5779	(.2275)	.1058	(.0416)	2
MAY-1	1.0417	(.4101)	63050600	.6371	(.2508)	.1547	(.0609)	.6208	(.2444)	.0974	(.0384)	MAY-1
2	1.0226	(.4026)	68051912	.7362	(.2899)	.0939	(.0370)	.7653	(.3013)	.1104	(.0435)	2
JUN-1	1.2410	(.4886)	57061300	.9023	(.3552)	.1520	(.0598)	.9185	(.3616)	.1419	(.0559)	JUN-1
2	1.4613	(.5753)	53062603	1.0409	(.4098)	.1604	(.0631)	1.0461	(.4119)	.0981	(.0386)	2
JUL-1	1.4506	(.5711)	51071103	1.0937	(.4306)	.1276	(.0502)	1.1451	(.4508)	.1301	(.0512)	JUL-1
2	1.6960	(.6677)	55072303	1.2902	(.5079)	.1947	(.0767)	1.3022	(.5127)	.1805	(.0711)	2
AUG-1	1.8004	(.7088)	56081015	1.2852	(.5060)	.2134	(.0840)	1.2776	(.5030)	.1974	(.0777)	AUG-1
2	1.6751	(.6595)	53082215	1.2320	(.4850)	.2164	(.0852)	1.1990	(.4721)	.1988	(.0783)	2
SEP-1	1.3332	(.5249)	65090312	.9984	(.3931)	.1862	(.0733)	.9971	(.3926)	.1546	(.0609)	SEP-1
2	1.4498	(.5708)	54091603	.8941	(.3520)	.1864	(.0734)	.9047	(.3562)	.1760	(.0693)	2
OCT-1	1.1118	(.4377)	54100103	.7059	(.2779)	.1575	(.0620)	.6729	(.2649)	.1321	(.0520)	OCT-1
2	.8796	(.3463)	69102400	.5526	(.2176)	.1388	(.0546)	.5585	(.2199)	.1333	(.0525)	2
NOV-1	.6563	(.2584)	67111200	.5081	(.2000)	.1093	(.0430)	.5035	(.1982)	.1108	(.0436)	NOV-1
2	.8918	(.3511)	50112815	.5034	(.1982)	.1416	(.0557)	.5182	(.2040)	.1522	(.0599)	2
DEC-1	.7079	(.2787)	61121000	.4257	(.1676)	.1312	(.0517)	.4322	(.1701)	.0929	(.0366)	DEC-1
2	.7971	(.3138)	64121812	.4740	(.1866)	.1353	(.0533)	.4927	(.1940)	.1531	(.0603)	2

COLD BAY, ALASKA 18 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.2957	(.9038)	57011015	1.5150	(.5965)	.3020	(.1189)	1.5499	(.6102)	.4115	(.1620)	JAN-1
2	2.5232	(.9934)	57012703	1.4740	(.5803)	.4597	(.1810)	1.3952	(.5493)	.3220	(.1268)	2
FEB-1	2.2784	(.8970)	56021503	1.3086	(.5152)	.5322	(.2095)	1.3225	(.5207)	.4596	(.1809)	FEB-1
2	1.8428	(.7255)	69022412	1.1365	(.4474)	.2832	(.1115)	1.2431	(.4894)	.3701	(.1457)	2
MAR-1	2.9096	(1.1455)	51030315	1.4224	(.5600)	.5335	(.2100)	1.4378	(.5661)	.5753	(.2265)	MAR-1
2	2.5034	(.9856)	67033112	1.2325	(.4852)	.4953	(.1950)	1.2222	(.4812)	.4391	(.1729)	2
APR-1	2.3462	(.9237)	67041012	1.2996	(.5117)	.3543	(.1395)	1.4485	(.5703)	.4456	(.1754)	APR-1
2	2.6304	(1.0356)	61042112	1.5612	(.6146)	.3859	(.1519)	1.5851	(.6241)	.4621	(.1819)	2
MAY-1	2.8263	(1.1127)	66051300	1.7220	(.6780)	.4633	(.1824)	1.7178	(.6763)	.3160	(.1244)	MAY-1
2	2.6119	(1.0283)	53053003	1.8929	(.7452)	.3422	(.1347)	1.9753	(.7777)	.3323	(.1308)	2
JUN-1	2.7808	(1.0948)	62060800	1.9675	(.7746)	.4681	(.1843)	2.0190	(.7949)	.4046	(.1593)	JUN-1
2	3.5204	(1.3860)	53062715	2.2316	(.8786)	.5174	(.2037)	2.3409	(.9216)	.5666	(.2231)	2
JUL-1	3.7678	(1.4834)	51071515	2.6198	(1.0314)	.4675	(.1840)	2.6934	(1.0604)	.4205	(.1656)	JUL-1
2	4.1778	(1.6448)	52072003	3.0535	(1.2022)	.4624	(.1821)	3.0717	(1.2093)	.5994	(.2360)	2
AUG-1	4.0907	(1.6105)	67081212	3.1513	(1.2407)	.3595	(.1415)	3.2021	(1.2607)	.5599	(.2204)	AUG-1
2	4.7716	(1.8786)	53082703	3.1752	(1.2501)	.7204	(.2836)	2.9624	(1.1663)	.5696	(.2242)	2
SEP-1	3.6474	(1.4360)	56090703	2.6192	(1.0312)	.5895	(.2321)	2.6457	(1.0416)	.5155	(.2029)	SEP-1
2	3.4254	(1.3486)	65092112	2.1946	(.8640)	.5292	(.2084)	2.3943	(.9426)	.5241	(.2063)	2
OCT-1	3.3376	(1.3140)	63100600	2.0009	(.7877)	.6098	(.2401)	1.8907	(.7444)	.5013	(.1974)	OCT-1
2	3.0190	(1.1886)	61101600	1.5560	(.6126)	.5372	(.2115)	1.6178	(.6369)	.4413	(.1737)	2
NOV-1	2.2857	(.8999)	60110700	1.6112	(.6343)	.3613	(.1422)	1.6285	(.6412)	.3126	(.1231)	NOV-1
2	2.8473	(1.1210)	65112312	1.4350	(.5649)	.4231	(.1666)	1.4868	(.5853)	.5139	(.2023)	2
DEC-1	2.4072	(.9477)	61120812	1.2756	(.5022)	.3184	(.1254)	1.3379	(.5267)	.3735	(.1471)	DEC-1
2	1.9030	(.7492)	67122900	1.2462	(.4906)	.2971	(.1169)	1.2820	(.5047)	.2831	(.1115)	2
				SURFACE TO 700MB								
JAN-1	1.6358	(.6440)	57011015	1.1106	(.4372)	.2189	(.0862)	1.1696	(.4605)	.2857	(.1125)	JAN-1
2	1.8994	(.7478)	57012703	1.1228	(.4420)	.3102	(.1221)	1.0676	(.4203)	.2075	(.0817)	2
FEB-1	1.6670	(.6563)	57020703	.9988	(.3932)	.3631	(.1429)	.9883	(.3891)	.3187	(.1255)	FEB-1
2	1.4453	(.5690)	62022512	.8805	(.3466)	.2130	(.0838)	.9593	(.3777)	.2059	(.0811)	2
MAR-1	2.0317	(.7999)	51030315	1.0854	(.4273)	.3548	(.1397)	1.0912	(.4296)	.3784	(.1490)	MAR-1
2	1.7234	(.6785)	67033112	.9349	(.3681)	.3186	(.1254)	.9345	(.3679)	.3074	(.1210)	2
APR-1	1.6078	(.6330)	51041515	1.0099	(.3976)	.2455	(.0966)	1.1161	(.4394)	.2970	(.1169)	APR-1
2	1.8029	(.7098)	61042112	1.1529	(.4539)	.2357	(.0928)	1.1841	(.4662)	.3012	(.1186)	2
MAY-1	1.7457	(.6873)	66051300	1.2499	(.4921)	.2877	(.1133)	1.2081	(.4756)	.2146	(.0845)	MAY-1
2	1.8992	(.7477)	66053112	1.4095	(.5549)	.1998	(.0787)	1.4360	(.5654)	.2184	(.0860)	2
JUN-1	1.9106	(.7522)	67060800	1.4781	(.5819)	.2953	(.1163)	1.4687	(.5782)	.2788	(.1098)	JUN-1
2	2.7264	(1.0734)	53062715	1.6661	(.6560)	.3709	(.1460)	1.7492	(.6886)	.4002	(.1576)	2
JUL-1	2.6965	(1.0616)	51070615	1.9429	(.7649)	.3439	(.1354)	2.0054	(.7895)	.2952	(.1162)	JUL-1
2	3.2682	(1.2867)	67072212	2.2596	(.8896)	.3424	(.1348)	2.3320	(.9181)	.4349	(.1712)	2
AUG-1	3.3320	(1.3118)	69080512	2.3638	(.9306)	.3295	(.1297)	2.3499	(.9251)	.4198	(.1653)	AUG-1
2	3.4371	(1.3532)	53082703	2.4028	(.9460)	.4615	(.1817)	2.2403	(.8820)	.4639	(.1826)	2
SEP-1	2.5997	(1.0235)	60090100	1.9390	(.7634)	.3896	(.1534)	1.9594	(.7714)	.3268	(.1287)	SEP-1
2	2.6309	(1.0358)	51092203	1.7226	(.6782)	.4458	(.1755)	1.7691	(.6965)	.3186	(.1254)	2
OCT-1	2.3736	(.9345)	60100312	1.4571	(.5736)	.3772	(.1485)	1.4513	(.5714)	.3266	(.1286)	OCT-1
2	2.0295	(.7990)	61101600	1.1893	(.4682)	.3084	(.1214)	1.1948	(.4704)	.2577	(.1015)	2
NOV-1	1.6358	(.6440)	65111400	1.1477	(.4519)	.2195	(.0864)	1.1699	(.4606)	.1756	(.0691)	NOV-1
2	2.0988	(.8263)	65112312	1.0729	(.4224)	.2737	(.1078)	1.1161	(.4394)	.3472	(.1367)	2
DEC-1	1.7181	(.6764)	61120800	.9607	(.3782)	.2282	(.0898)	1.0043	(.3954)	.2481	(.0977)	DEC-1
2	1.5431	(.6075)	67122900	.9779	(.3850)	.2092	(.0824)	.9830	(.3870)	.1727	(.0680)	2
				SURFACE TO 850MB								
JAN-1	.8557	(.3369)	68010112	.6003	(.2363)	.1147	(.0452)	.6559	(.2582)	.1378	(.0543)	JAN-1
2	.9312	(.3666)	57012703	.6445	(.2537)	.1447	(.0570)	.6172	(.2430)	.1169	(.0460)	2
FEB-1	1.0584	(.4167)	57020703	.5739	(.2259)	.2059	(.0810)	.5578	(.2196)	.1728	(.0680)	FEB-1
2	.8501	(.3347)	62022512	.5317	(.2093)	.1299	(.0511)	.5518	(.2173)	.1314	(.0517)	2
MAR-1	1.0485	(.4128)	51030203	.6070	(.2390)	.1744	(.0687)	.6294	(.2478)	.1721	(.0677)	MAR-1
2	.9126	(.3593)	67033112	.5455	(.2148)	.1717	(.0676)	.5484	(.2159)	.1524	(.0600)	2
APR-1	.9340	(.3677)	67041000	.5948	(.2342)	.1310	(.0516)	.6471	(.2548)	.1500	(.0591)	APR-1
2	.8656	(.3408)	61042200	.6590	(.2595)	.1104	(.0435)	.6667	(.2625)	.1342	(.0528)	2
MAY-1	.9347	(.3680)	58050100	.7095	(.2793)	.1327	(.0523)	.7118	(.2802)	.1183	(.0466)	MAY-1
2	1.0170	(.4004)	66053012	.8063	(.3174)	.1046	(.0412)	.8003	(.3151)	.1003	(.0395)	2
JUN-1	1.1057	(.4353)	67060800	.8404	(.3309)	.1410	(.0555)	.8516	(.3353)	.1189	(.0468)	JUN-1
2	1.7584	(.6923)	53062715	.9988	(.3932)	.2341	(.0922)	1.0237	(.4030)	.2551	(.1004)	2
JUL-1	1.4105	(.5553)	51070615	1.1298	(.4448)	.1873	(.0738)	1.1520	(.4535)	.1596	(.0628)	JUL-1
2	1.9718	(.7763)	67072212	1.3144	(.5175)	.2193	(.0863)	1.3592	(.5351)	.2882	(.1135)	2
AUG-1	1.9713	(.7761)	69080512	1.4163	(.5576)	.2363	(.0930)	1.3864	(.5458)	.2524	(.0994)	AUG-1
2	2.0109	(.7917)	53082203	1.3998	(.5511)	.2580	(.1016)	1.3008	(.5121)	.2845	(.1120)	2
SEP-1	1.6012	(.6304)	60090100	1.1235	(.4423)	.1974	(.0777)	1.1253	(.4430)	.1953	(.0769)	SEP-1
2	1.6195	(.6376)	51092203	1.0139	(.3992)	.2495	(.0982)	.9915	(.3903)	.1450	(.0571)	2
OCT-1	1.2156	(.4786)	60100312	.8236	(.3242)	.1849	(.0728)	.8380	(.3299)	.1594	(.0628)	OCT-1
2	.9942	(.3914)	64102612	.6853	(.2698)	.1168	(.0460)	.7011	(.2760)	.1277	(.0503)	2
NOV-1	.9822	(.3867)	65111400	.6526	(.2569)	.1254	(.0494)	.6540	(.2575)	.1100	(.0433)	NOV-1
2	1.1440	(.4504)	65112312	.6189	(.2437)	.1413	(.0556)	.6461	(.2544)	.1839	(.0724)	2
DEC-1	.9804	(.3860)	61120800	.5438	(.2141)	.1317	(.0518)	.5560	(.2189)	.1093	(.0430)	DEC-1
2	.9464	(.3726)	67122900	.5784	(.2277)	.1341	(.0528)	.5767	(.2271)	.1141	(.0449)	2

FAIRBANKS, ALASKA — 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(032) AND 12Z(152) COMBINED: MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(032): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(152): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.3017	(.5125)	57011203	.7808	(.3074)	.2437	(.0960)	.8117	(.3196)	.2777	(.1093)	JAN-1
2	1.6594	(.6533)	63012000	.8538	(.3361)	.3368	(.1326)	.8389	(.3303)	.3112	(.1225)	2
FEB-1	1.1359	(.4472)	57020503	.7723	(.3041)	.2087	(.0821)	.7815	(.3077)	.2231	(.0878)	FEB-1
2	1.4143	(.5568)	62022600	.6989	(.2751)	.2702	(.1064)	.7227	(.2845)	.2289	(.0901)	2
MAR-1	1.1811	(.4650)	67030500	.7289	(.2870)	.2658	(.1047)	.7447	(.2932)	.2690	(.1059)	MAR-1
2	1.6109	(.6342)	65032312	.7869	(.3098)	.2206	(.0868)	.8019	(.3157)	.2856	(.1124)	2
APR-1	1.7021	(.6701)	65041512	.8693	(.3422)	.2416	(.0951)	.9118	(.3590)	.2724	(.1073)	APR-1
2	1.6233	(.6391)	63043012	1.0401	(.4095)	.3124	(.1230)	1.0841	(.4268)	.2751	(.1083)	2
MAY-1	1.6891	(.6650)	68051200	1.1940	(.4701)	.2342	(.0922)	1.2504	(.4923)	.2231	(.0878)	MAY-1
2	2.2545	(.8876)	61052500	1.5798	(.6220)	.3498	(.1377)	1.6261	(.6402)	.2524	(.0994)	2
JUN-1	2.4661	(.9709)	62061412	1.9794	(.7793)	.2929	(.1153)	2.1127	(.8318)	.2079	(.0818)	JUN-1
2	3.2802	(1.2914)	53062503	2.2702	(.8938)	.3772	(.1485)	2.3700	(.9331)	.1997	(.0786)	2
JUL-1	2.8720	(1.1307)	51070603	2.4649	(.9704)	.2345	(.0923)	2.4808	(.9767)	.1994	(.0785)	JUL-1
2	3.4320	(1.3512)	61073100	2.4750	(.9744)	.4241	(.1670)	2.6405	(1.0396)	.2651	(.1044)	2
AUG-1	3.4628	(1.3633)	50081215	2.4615	(.9691)	.2771	(.1091)	2.6221	(1.0323)	.3417	(.1345)	AUG-1
2	3.2987	(1.2987)	63081800	2.3793	(.9367)	.4997	(.1967)	2.3553	(.9273)	.3845	(.1514)	2
SEP-1	2.8588	(1.1255)	56091215	1.9431	(.7650)	.2617	(.1030)	2.0134	(.7927)	.3209	(.1264)	SEP-1
2	2.7981	(1.1016)	54091615	1.6487	(.6491)	.4455	(.1754)	1.6877	(.6644)	.3771	(.1485)	2
OCT-1	2.1247	(.8365)	63100612	1.2676	(.4991)	.1924	(.0758)	1.2989	(.5114)	.2876	(.1132)	OCT-1
2	1.7069	(.6720)	57102212	1.0098	(.3976)	.1979	(.0779)	1.0735	(.4226)	.2316	(.0912)	2
NOV-1	1.4897	(.5865)	65111500	.9789	(.3854)	.2500	(.0984)	.9755	(.3840)	.2149	(.0846)	NOV-1
2	1.5743	(.6198)	66111712	.8936	(.3518)	.2910	(.1146)	.8724	(.3435)	.2955	(.1163)	2
DEC-1	1.6916	(.6660)	61121012	.7719	(.3039)	.2400	(.0945)	.7865	(.3097)	.3315	(.1305)	DEC-1
2	1.6370	(.6445)	67123000	.8364	(.3293)	.3441	(.1355)	.8347	(.3286)	.2828	(.1114)	2
				SURFACE TO 700MB								
JAN-1	.9451	(.3721)	57011515	.5453	(.2147)	.1711	(.0674)	.5679	(.2236)	.1980	(.0779)	JAN-1
2	1.1740	(.4622)	63011712	.5992	(.2359)	.2108	(.0830)	.6121	(.2410)	.2278	(.0897)	2
FEB-1	.8232	(.3241)	68020912	.5679	(.2236)	.1390	(.0547)	.5724	(.2254)	.1439	(.0567)	FEB-1
2	1.0373	(.4084)	62022600	.5211	(.2051)	.1993	(.0785)	.5396	(.2124)	.1850	(.0728)	2
MAR-1	.9101	(.3583)	67030500	.5393	(.2123)	.2008	(.0790)	.5496	(.2164)	.2019	(.0795)	MAR-1
2	1.3033	(.5131)	65032312	.5759	(.2267)	.1436	(.0565)	.6062	(.2387)	.2166	(.0853)	2
APR-1	1.0843	(.4269)	53041015	.6502	(.2560)	.1522	(.0599)	.6687	(.2632)	.1680	(.0662)	APR-1
2	1.2339	(.4858)	65041600	.7864	(.3096)	.2131	(.0839)	.8174	(.3218)	.1904	(.0750)	2
MAY-1	1.3076	(.5148)	57050715	.9234	(.3635)	.1653	(.0651)	.9265	(.3648)	.1705	(.0671)	MAY-1
2	1.6944	(.6671)	61052500	1.2123	(.4773)	.2299	(.0905)	1.2448	(.4901)	.1529	(.0602)	2
JUN-1	1.9045	(.7498)	58060900	1.5472	(.6091)	.2180	(.0858)	1.6026	(.6309)	.1548	(.0610)	JUN-1
2	2.4313	(.9572)	53062603	1.7442	(.6867)	.2752	(.1084)	1.8153	(.7147)	.1611	(.0634)	2
JUL-1	2.2215	(.8746)	51070603	1.8668	(.7350)	.1683	(.0662)	1.8676	(.7353)	.1507	(.0593)	JUL-1
2	2.3569	(.9279)	61073100	1.9024	(.7490)	.2707	(.1066)	1.9597	(.7715)	.1818	(.0716)	2
AUG-1	2.4813	(.9769)	50081215	1.8960	(.7464)	.2004	(.0789)	1.9453	(.7659)	.2476	(.0975)	AUG-1
2	2.4656	(.9707)	51082803	1.7759	(.6992)	.3275	(.1289)	1.7303	(.6812)	.2576	(.1014)	2
SEP-1	2.0937	(.8243)	56091215	1.4527	(.5719)	.1877	(.0739)	1.4947	(.5885)	.2150	(.0846)	SEP-1
2	2.0157	(.7936)	54091615	1.2167	(.4790)	.2677	(.1054)	1.2071	(.4752)	.2501	(.0985)	2
OCT-1	1.3386	(.5270)	63100112	.9413	(.3706)	.1252	(.0493)	.9498	(.3739)	.1480	(.0583)	OCT-1
2	1.1560	(.4551)	57102000	.7476	(.2943)	.1314	(.0517)	.7569	(.2980)	.1315	(.0518)	2
NOV-1	.9990	(.3933)	54110103	.6917	(.2723)	.1683	(.0663)	.6844	(.2695)	.1584	(.0623)	NOV-1
2	1.1003	(.4332)	64111900	.6236	(.2455)	.2060	(.0811)	.6123	(.2410)	.1922	(.0757)	2
DEC-1	1.0676	(.4203)	61121012	.5369	(.2114)	.1473	(.0580)	.5493	(.2162)	.2061	(.0811)	DEC-1
2	1.1306	(.4451)	67123000	.5806	(.2286)	.2323	(.0915)	.5947	(.2341)	.1984	(.0781)	2
				SURFACE TO 850MB								
JAN-1	.5177	(.2038)	57011515	.2639	(.1039)	.1032	(.0406)	.2712	(.1068)	.1122	(.0442)	JAN-1
2	.6497	(.2558)	63011712	.3168	(.1247)	.1309	(.0515)	.3205	(.1262)	.1421	(.0559)	2
FEB-1	.4732	(.1863)	68021112	.3021	(.1189)	.0776	(.0306)	.3003	(.1182)	.0923	(.0363)	FEB-1
2	.5334	(.2100)	62022600	.2839	(.1118)	.1178	(.0464)	.2798	(.1102)	.1190	(.0469)	2
MAR-1	.5189	(.2043)	65031012	.3000	(.1181)	.1230	(.0484)	.3063	(.1206)	.1341	(.0528)	MAR-1
2	.7239	(.2850)	65032312	.3200	(.1260)	.0899	(.0354)	.3280	(.1291)	.1249	(.0492)	2
APR-1	.5964	(.2348)	53041015	.3611	(.1422)	.0800	(.0315)	.3804	(.1498)	.0856	(.0337)	APR-1
2	.6391	(.2516)	63043012	.4558	(.1795)	.1104	(.0435)	.4671	(.1839)	.1027	(.0404)	2
MAY-1	.7414	(.2919)	57050715	.5376	(.2116)	.0924	(.0364)	.5442	(.2142)	.0861	(.0339)	MAY-1
2	.9469	(.3728)	61052500	.7051	(.2776)	.1128	(.0444)	.7311	(.2878)	.0701	(.0276)	2
JUN-1	1.1623	(.4576)	62061500	.9193	(.3619)	.1413	(.0556)	.9281	(.3654)	.1024	(.0403)	JUN-1
2	1.4326	(.5640)	53062603	1.0523	(.4143)	.1667	(.0656)	1.0744	(.4230)	.1152	(.0453)	2
JUL-1	1.2850	(.5059)	50070503	1.0873	(.4281)	.1166	(.0459)	1.0920	(.4299)	.1043	(.0410)	JUL-1
2	1.4488	(.5704)	62072812	1.1282	(.4442)	.1593	(.0627)	1.1575	(.4557)	.1264	(.0498)	2
AUG-1	1.4567	(.5735)	50081215	1.1184	(.4403)	.1373	(.0541)	1.1376	(.4479)	.1686	(.0664)	AUG-1
2	1.4201	(.5591)	51082803	1.0396	(.4093)	.1857	(.0731)	1.0020	(.3945)	.1431	(.0563)	2
SEP-1	1.2164	(.4789)	56091215	.8389	(.3303)	.1176	(.0463)	.8570	(.3374)	.1254	(.0494)	SEP-1
2	1.1900	(.4685)	54091703	.7039	(.2771)	.1485	(.0585)	.6974	(.2746)	.1237	(.0487)	2
OCT-1	.6980	(.2748)	59100200	.5258	(.2070)	.0730	(.0288)	.5238	(.2062)	.0807	(.0318)	OCT-1
2	.6899	(.2716)	57102012	.3968	(.1562)	.0932	(.0367)	.3957	(.1558)	.0915	(.0360)	2
NOV-1	.5187	(.2042)	54110115	.3540	(.1394)	.1079	(.0425)	.3486	(.1372)	.0958	(.0377)	NOV-1
2	.5357	(.2109)	64111900	.3188	(.1255)	.1156	(.0455)	.3171	(.1248)	.1175	(.0463)	2
DEC-1	.4666	(.1837)	61121012	.2580	(.1016)	.0830	(.0327)	.2730	(.1075)	.1043	(.0411)	DEC-1
2	.6220	(.2449)	67123000	.2967	(.1168)	.1404	(.0553)	.3001	(.1181)	.1224	(.0482)	2

KOTZEBUE, ALASKA 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.3835	(.5447)	63011512	.7951	(.3130)	.2281	(.0898)	.8723	(.3434)	.3140	(.1236)	JAN-1
2	1.8252	(.7186)	63011612	.9856	(.3880)	.3680	(.1449)	.9221	(.3630)	.3613	(.1422)	2
FEB-1	1.4473	(.5698)	57020203	.7955	(.3132)	.2695	(.1061)	.7723	(.3041)	.2582	(.1017)	FEB-1
2	1.4864	(.5852)	57021903	.7484	(.2946)	.3523	(.1387)	.7070	(.2784)	.2626	(.1034)	2
MAR-1	1.4498	(.5708)	67031512	.7597	(.2991)	.2575	(.1014)	.7806	(.3073)	.2507	(.0987)	MAR-1
2	1.5799	(.6220)	65032412	.7295	(.2872)	.2454	(.0966)	.8046	(.3168)	.2667	(.1050)	2
APR-1	1.7422	(.6859)	65041512	.9211	(.3626)	.2324	(.1112)	.9662	(.3804)	.2841	(.1119)	APR-1
2	1.5403	(.6064)	58042712	1.0129	(.3988)	.2913	(.1147)	1.0653	(.4194)	.2632	(.1036)	2
MAY-1	2.1179	(.8338)	68051112	1.2526	(.4931)	.2599	(.1023)	1.2796	(.5038)	.3777	(.1487)	MAY-1
2	1.9180	(.7551)	61052600	1.4533	(.5722)	.2897	(.1140)	1.5430	(.6075)	.2214	(.0872)	2
JUN-1	2.6599	(1.0472)	57060412	1.8882	(.7434)	.3803	(.1497)	1.8751	(.7382)	.3563	(.1403)	JUN-1
2	3.5082	(1.3812)	53062503	2.0448	(.8050)	.4944	(.1946)	2.2483	(.8852)	.4231	(.1666)	2
JUL-1	2.9975	(1.1801)	56070715	2.3941	(.9426)	.3005	(.1183)	2.4318	(.9574)	.3169	(.1248)	JUL-1
2	3.3147	(1.3050)	53072403	2.5952	(1.0217)	.4425	(.1742)	2.6435	(1.0408)	.3498	(.1377)	2
AUG-1	3.2372	(1.2745)	60081100	2.6283	(1.0347)	.3374	(.1328)	2.6125	(1.0285)	.2685	(.1057)	AUG-1
2	3.1453	(1.2383)	59082700	2.4645	(.9703)	.3646	(.1435)	2.4142	(.9505)	.3196	(.1258)	2
SEP-1	2.7920	(1.0992)	65091012	1.8973	(.7470)	.4147	(.1633)	1.9669	(.7744)	.3873	(.1525)	SEP-1
2	2.4160	(.9512)	67091912	1.6499	(.6496)	.4095	(.1612)	1.7422	(.6859)	.3829	(.1507)	2
OCT-1	2.1841	(.8599)	57100512	1.3489	(.5311)	.3543	(.1395)	1.3586	(.5349)	.3699	(.1456)	OCT-1
2	1.7551	(.6910)	69102600	.9973	(.3926)	.2583	(.1017)	.9997	(.3936)	.2635	(.1037)	2
NOV-1	1.7429	(.6862)	65111412	.9112	(.3587)	.2705	(.1065)	.9286	(.3656)	.3314	(.1305)	NOV-1
2	1.5992	(.6296)	50112715	.8673	(.3415)	.2971	(.1170)	.8882	(.3497)	.3073	(.1210)	2
DEC-1	1.2974	(.5108)	60121000	.7364	(.2899)	.3378	(.1330)	.7473	(.2942)	.3183	(.1253)	DEC-1
2	1.5232	(.5997)	67122912	.8266	(.3254)	.3609	(.1421)	.8439	(.3322)	.3799	(.1496)	2
				SURFACE TO 700MB								
JAN-1	1.1491	(.4524)	63011512	.5991	(.2359)	.1785	(.0703)	.6495	(.2557)	.2375	(.0935)	JAN-1
2	1.4161	(.5575)	63011712	.7441	(.2930)	.2964	(.1167)	.7044	(.2773)	.2744	(.1080)	2
FEB-1	1.0259	(.4039)	68021412	.6046	(.2380)	.1877	(.0739)	.5786	(.2278)	.1961	(.0772)	FEB-1
2	1.1265	(.4435)	57022003	.5787	(.2278)	.2630	(.1035)	.5499	(.2165)	.1928	(.0759)	2
MAR-1	1.1118	(.4377)	67031512	.5794	(.2281)	.1969	(.0775)	.5876	(.2313)	.2109	(.0830)	MAR-1
2	1.1598	(.4566)	65032212	.5774	(.2273)	.1719	(.0677)	.6234	(.2454)	.1896	(.0747)	2
APR-1	1.2144	(.4781)	65041512	.7202	(.2835)	.1929	(.0760)	.7424	(.2923)	.1962	(.0773)	APR-1
2	1.2512	(.4926)	58042712	.7807	(.3074)	.2073	(.0816)	.8286	(.3262)	.1890	(.0744)	2
MAY-1	1.4013	(.5517)	68051112	.9244	(.3639)	.1972	(.0776)	.9268	(.3649)	.2373	(.0934)	MAY-1
2	1.4887	(.5861)	61052600	1.1324	(.4458)	.1905	(.0750)	1.1861	(.4670)	.1657	(.0652)	2
JUN-1	1.9850	(.7815)	57060412	1.4393	(.5667)	.2358	(.0929)	1.4557	(.5731)	.2431	(.0957)	JUN-1
2	2.5801	(1.0158)	53062503	1.6027	(.6310)	.3448	(.1357)	1.6745	(.6592)	.2687	(.1058)	2
JUL-1	2.2939	(.9031)	56070715	1.8389	(.7240)	.2138	(.0842)	1.8445	(.7262)	.2409	(.0948)	JUL-1
2	2.6279	(1.0346)	55072215	1.9769	(.7783)	.2608	(.1027)	2.0082	(.7906)	.2440	(.0961)	2
AUG-1	2.3980	(.9441)	60081100	1.9877	(.7826)	.2191	(.0863)	1.9701	(.7756)	.1657	(.0652)	AUG-1
2	2.2367	(.8806)	50081715	1.8512	(.7288)	.2248	(.0885)	1.8468	(.7271)	.2080	(.0819)	2
SEP-1	2.0038	(.7889)	65091012	1.4931	(.5878)	.2814	(.1108)	1.5123	(.5954)	.2558	(.1007)	SEP-1
2	1.7295	(.6809)	67091912	1.2537	(.4936)	.2508	(.0987)	1.3085	(.5152)	.2553	(.1005)	2
OCT-1	1.4455	(.5691)	57100512	1.0225	(.4026)	.2375	(.0935)	1.0050	(.3957)	.2195	(.0864)	OCT-1
2	1.3894	(.5470)	69102600	.7771	(.3060)	.1984	(.0781)	.7749	(.3051)	.1964	(.0773)	2
NOV-1	1.1092	(.4367)	65111412	.6891	(.2713)	.1806	(.0711)	.6954	(.2738)	.2042	(.0804)	NOV-1
2	1.1547	(.4546)	50112715	.6626	(.2609)	.1948	(.0767)	.6630	(.2610)	.2061	(.0811)	2
DEC-1	.9995	(.3935)	63120112	.5565	(.2191)	.2384	(.0939)	.5856	(.2305)	.2233	(.0879)	DEC-1
2	1.0772	(.4241)	55122115	.5996	(.2360)	.2405	(.0947)	.6076	(.2392)	.2635	(.1038)	2
				SURFACE TO 850MB								
JAN-1	.6279	(.2472)	63011512	.3215	(.1266)	.1192	(.0469)	.3460	(.1362)	.1411	(.0556)	JAN-1
2	.8720	(.3433)	63011712	.4223	(.1663)	.1721	(.0678)	.4062	(.1599)	.1766	(.0695)	2
FEB-1	.6495	(.2557)	68021412	.3405	(.1340)	.1235	(.0486)	.3200	(.1260)	.1320	(.0520)	FEB-1
2	.6657	(.2621)	57022103	.3434	(.1352)	.1567	(.0617)	.3316	(.1306)	.1303	(.0513)	2
MAR-1	.6327	(.2491)	67031512	.3415	(.1345)	.1325	(.0522)	.3357	(.1322)	.1371	(.0540)	MAR-1
2	.6612	(.2603)	65032212	.3311	(.1304)	.1046	(.0412)	.3514	(.1383)	.1167	(.0460)	2
APR-1	.6340	(.2496)	65041512	.4231	(.1666)	.1079	(.0425)	.4295	(.1691)	.1077	(.0424)	APR-1
2	.7427	(.2924)	58042712	.4698	(.1850)	.1087	(.0428)	.5024	(.1978)	.1099	(.0433)	2
MAY-1	.7302	(.2875)	54051103	.5470	(.2153)	.1145	(.0451)	.5365	(.2112)	.1225	(.0482)	MAY-1
2	.9042	(.3560)	61052600	.6876	(.2707)	.1085	(.0427)	.7019	(.2763)	.0996	(.0392)	2
JUN-1	1.1628	(.4578)	57060412	.8654	(.3407)	.1371	(.0540)	.8731	(.3437)	.1466	(.0577)	JUN-1
2	1.3957	(.5495)	62061912	.9605	(.3781)	.1642	(.0647)	.9972	(.3926)	.1550	(.0610)	2
JUL-1	1.3973	(.5501)	51071515	1.1011	(.4335)	.1338	(.0527)	1.1225	(.4419)	.1468	(.0578)	JUL-1
2	1.5997	(.6298)	62072712	1.2000	(.4724)	.1260	(.0496)	1.2138	(.4779)	.1700	(.0669)	2
AUG-1	1.3830	(.5445)	60081100	1.2040	(.4740)	.1305	(.0514)	1.1816	(.4652)	.1131	(.0445)	AUG-1
2	1.3752	(.5414)	50081715	1.1071	(.4359)	.1377	(.0542)	1.1078	(.4361)	.1315	(.0518)	2
SEP-1	1.2479	(.4913)	63090100	.9127	(.3593)	.1521	(.0599)	.9224	(.3631)	.1283	(.0505)	SEP-1
2	1.0183	(.4009)	51092115	.7522	(.2961)	.1319	(.0519)	.7724	(.3041)	.1173	(.0462)	2
OCT-1	.8197	(.3227)	50100103	.6013	(.2367)	.1350	(.0531)	.5891	(.2319)	.1307	(.0515)	OCT-1
2	.8405	(.3309)	69102600	.4607	(.1814)	.1276	(.0502)	.4512	(.1776)	.1273	(.0501)	2
NOV-1	.5761	(.2268)	54110315	.3946	(.1553)	.0974	(.0384)	.4039	(.1590)	.1111	(.0437)	NOV-1
2	.6500	(.2559)	50112715	.3710	(.1461)	.1045	(.0411)	.3683	(.1450)	.1243	(.0489)	2
DEC-1	.5740	(.2260)	55121415	.3149	(.1240)	.1289	(.0508)	.3216	(.1266)	.1176	(.0463)	DEC-1
2	.6027	(.2373)	55121615	.3412	(.1343)	.1494	(.0588)	.3359	(.1322)	.1530	(.0602)	2

MCGRATH, ALASKA — 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.6368	(.6444)	68010200	.9133	(.3596)	.3140	(.1236)	.9293	(.3659)	.2946	(.1160)	JAN-1
2	1.9365	(.7624)	63011612	.9130	(.3594)	.3352	(.1319)	.9606	(.3782)	.3960	(.1559)	2
FEB-1	1.4836	(.5841)	57020403	.8845	(.3482)	.3257	(.1282)	.9208	(.3625)	.2863	(.1127)	FEB-1
2	1.5116	(.5951)	62022512	.7932	(.3123)	.2622	(.1032)	.8922	(.3513)	.3528	(.1389)	2
MAR-1	1.4120	(.5559)	67030412	.8839	(.3480)	.3627	(.1428)	.8877	(.3495)	.3412	(.1343)	MAR-1
2	1.8997	(.7479)	65032312	.8771	(.3453)	.3302	(.1300)	.9208	(.3625)	.3504	(.1380)	2
APR-1	1.6741	(.6591)	65041512	.9613	(.3784)	.2717	(.1070)	.9941	(.3914)	.2787	(.1097)	APR-1
2	1.9418	(.7645)	51041615	1.2128	(.4775)	.2824	(.1112)	1.2408	(.4885)	.3247	(.1278)	2
MAY-1	2.0747	(.8168)	63050612	1.2560	(.4945)	.2301	(.0906)	1.3818	(.5440)	.2717	(.1070)	MAY-1
2	2.2766	(.8963)	60052612	1.5746	(.6199)	.2236	(.0880)	1.6469	(.6484)	.2474	(.0974)	2
JUN-1	2.6147	(1.0294)	58060712	2.0018	(.7881)	.3017	(.1188)	2.0835	(.8203)	.2857	(.1125)	JUN-1
2	3.7432	(1.4737)	53062503	2.2591	(.8894)	.5144	(.2025)	2.4128	(.9499)	.3872	(.1524)	2
JUL-1	3.0434	(1.1982)	51070515	2.4373	(.9596)	.2643	(.1041)	2.5044	(.9860)	.2673	(.1052)	JUL-1
2	3.8773	(1.5265)	61073012	2.6420	(1.0401)	.4183	(.1647)	2.8456	(1.1203)	.4717	(.1857)	2
AUG-1	3.9342	(1.5489)	50081203	2.6084	(1.0269)	.5005	(.1970)	2.7852	(1.0965)	.3722	(.1465)	AUG-1
2	4.0132	(1.5800)	63081712	2.5683	(1.0111)	.5092	(.2005)	2.6682	(1.0505)	.5623	(.2214)	2
SEP-1	3.1702	(1.2481)	65090512	2.0649	(.8129)	.3975	(.1565)	2.0547	(.8089)	.4253	(.1674)	SEP-1
2	3.3050	(1.3012)	54093003	1.9027	(.7491)	.5039	(.1984)	1.8378	(.7235)	.5458	(.2149)	2
OCT-1	2.5878	(1.0188)	63100612	1.4619	(.5756)	.3558	(.1401)	1.4068	(.5538)	.3904	(.1537)	OCT-1
2	2.0409	(.8035)	57102200	1.0723	(.4222)	.2955	(.1164)	1.0843	(.4269)	.2748	(.1082)	2
NOV-1	1.9159	(.7543)	65111412	1.1059	(.4354)	.3049	(.1201)	1.0398	(.4094)	.3711	(.1461)	NOV-1
2	1.5237	(.5999)	51112015	1.0265	(.4041)	.3347	(.1318)	.9814	(.3864)	.3154	(.1242)	2
DEC-1	1.8590	(.7319)	61121000	.8890	(.3500)	.3600	(.1417)	.8437	(.3322)	.3197	(.1259)	DEC-1
2	2.1476	(.8455)	67122912	.9022	(.3552)	.3681	(.1449)	.9376	(.3691)	.4078	(.1605)	2
				SURFACE TO 700MB								
JAN-1	1.2375	(.4872)	68010200	.6363	(.2505)	.2229	(.0878)	.6668	(.2625)	.1929	(.0759)	JAN-1
2	1.3640	(.5370)	57012715	.6643	(.2615)	.2522	(.0993)	.6894	(.2714)	.2716	(.1069)	2
FEB-1	1.1374	(.4478)	57020403	.6681	(.2630)	.2258	(.0889)	.6659	(.2622)	.1998	(.0787)	FEB-1
2	1.0942	(.4308)	62022512	.5854	(.2305)	.2006	(.0790)	.6496	(.2557)	.2485	(.0978)	2
MAR-1	1.0513	(.4139)	55030603	.6507	(.2562)	.2755	(.1085)	.6471	(.2548)	.2562	(.1008)	MAR-1
2	1.4435	(.5683)	65032300	.6672	(.2627)	.2368	(.0932)	.6756	(.2660)	.2191	(.0863)	2
APR-1	1.2598	(.4960)	65041512	.7369	(.2901)	.1864	(.0734)	.7628	(.3003)	.1908	(.0751)	APR-1
2	1.2924	(.5088)	53043015	.8928	(.3515)	.1785	(.0703)	.9214	(.3628)	.1993	(.0784)	2
MAY-1	1.3665	(.5380)	63050612	.9237	(.3637)	.1415	(.0557)	.9955	(.3919)	.1700	(.0669)	MAY-1
2	1.7015	(.6699)	60052212	1.2137	(.4778)	.1545	(.0608)	1.2230	(.4815)	.1892	(.0745)	2
JUN-1	2.0472	(.8060)	57061400	1.5381	(.6055)	.2246	(.0884)	1.5544	(.6120)	.2168	(.0854)	JUN-1
2	2.6304	(1.0356)	53062515	1.7035	(.6706)	.3049	(.1200)	1.8372	(.7233)	.2758	(.1086)	2
JUL-1	2.2327	(.8790)	66071200	1.8524	(.7293)	.1962	(.0772)	1.9018	(.7487)	.1576	(.0620)	JUL-1
2	2.6487	(1.0428)	61073012	2.0015	(.7880)	.2879	(.1134)	2.1211	(.8351)	.2881	(.1134)	2
AUG-1	2.8826	(1.1349)	50081203	1.9623	(.7726)	.3407	(.1342)	2.0536	(.8085)	.2762	(.1087)	AUG-1
2	2.6662	(1.0497)	63081712	1.9358	(.7621)	.3712	(.1462)	1.9583	(.7710)	.3762	(.1481)	2
SEP-1	2.2827	(.8987)	65090512	1.5547	(.6121)	.2753	(.1084)	1.5392	(.6060)	.2838	(.1117)	SEP-1
2	2.3134	(.9108)	54093003	1.3984	(.5505)	.3220	(.1268)	1.3514	(.5320)	.3298	(.1298)	2
OCT-1	1.7722	(.6977)	63100612	1.0561	(.4158)	.2463	(.0970)	1.0391	(.4091)	.2526	(.0995)	OCT-1
2	1.3617	(.5361)	57102212	.8026	(.3160)	.1734	(.0683)	.8014	(.3155)	.1887	(.0743)	2
NOV-1	1.2611	(.4965)	65111412	.7680	(.3024)	.1963	(.0773)	.7521	(.2961)	.2271	(.0894)	NOV-1
2	1.0856	(.4274)	66112212	.7257	(.2857)	.2230	(.0878)	.7133	(.2808)	.2225	(.0876)	2
DEC-1	1.1273	(.4438)	61121012	.6492	(.2556)	.2108	(.0830)	.6179	(.2433)	.2019	(.0795)	DEC-1
2	1.5116	(.5951)	67122912	.6506	(.2561)	.2453	(.0966)	.6696	(.2636)	.2790	(.1098)	2
				SURFACE TO 850MB								
JAN-1	.6764	(.2663)	63011512	.3240	(.1276)	.1148	(.0452)	.3460	(.1362)	.1159	(.0456)	JAN-1
2	.7224	(.2844)	57012903	.3834	(.1510)	.1521	(.0599)	.3628	(.1428)	.1416	(.0557)	2
FEB-1	.6040	(.2378)	68021412	.3500	(.1378)	.1249	(.0492)	.3475	(.1368)	.1153	(.0454)	FEB-1
2	.5763	(.2269)	62022512	.3236	(.1274)	.1293	(.0509)	.3335	(.1313)	.1337	(.0526)	2
MAR-1	.5845	(.2301)	55030603	.3598	(.1417)	.1605	(.0632)	.3573	(.1407)	.1480	(.0583)	MAR-1
2	.7884	(.3104)	65032300	.3721	(.1465)	.1352	(.0532)	.3863	(.1521)	.1284	(.0505)	2
APR-1	.6236	(.2455)	67040500	.4242	(.1670)	.0981	(.0386)	.4265	(.1679)	.0851	(.0335)	APR-1
2	.7844	(.3088)	53043015	.5116	(.2014)	.1010	(.0398)	.5378	(.2117)	.1095	(.0431)	2
MAY-1	.7866	(.3097)	53050115	.5583	(.2198)	.0958	(.0377)	.5718	(.2251)	.1062	(.0418)	MAY-1
2	.9771	(.3847)	60052212	.7270	(.2862)	.0872	(.0343)	.7300	(.2874)	.1021	(.0402)	2
JUN-1	1.2154	(.4785)	57061400	.9022	(.3552)	.1211	(.0477)	.9074	(.3572)	.1369	(.0539)	JUN-1
2	1.4694	(.5785)	53062515	1.0083	(.3970)	.1734	(.0683)	1.0832	(.4265)	.1497	(.0589)	2
JUL-1	1.3467	(.5302)	51071515	1.1077	(.4361)	.1201	(.0473)	1.1172	(.4398)	.1029	(.0405)	JUL-1
2	1.4717	(.5794)	62072812	1.1944	(.4703)	.1660	(.0654)	1.2371	(.4870)	.1419	(.0559)	2
AUG-1	1.7318	(.6818)	50081203	1.1577	(.4558)	.2007	(.0790)	1.1635	(.4581)	.1594	(.0627)	AUG-1
2	1.4854	(.5848)	57081600	1.1249	(.4429)	.1994	(.0785)	1.1221	(.4418)	.2045	(.0805)	2
SEP-1	1.2532	(.4934)	65090512	.9109	(.3586)	.1436	(.0565)	.8964	(.3529)	.1385	(.0545)	SEP-1
2	1.2878	(.5070)	54093003	.7953	(.3131)	.1729	(.0681)	.7566	(.2979)	.1775	(.0699)	2
OCT-1	1.1631	(.4579)	54100103	.6077	(.2393)	.1628	(.0641)	.5900	(.2323)	.1317	(.0518)	OCT-1
2	.7810	(.3075)	57102212	.4497	(.1771)	.1084	(.0427)	.4509	(.1775)	.1174	(.0462)	2
NOV-1	.6347	(.2499)	65111412	.4076	(.1605)	.1263	(.0497)	.3996	(.1573)	.1252	(.0493)	NOV-1
2	.5966	(.2349)	67112100	.3671	(.1445)	.1230	(.0484)	.3803	(.1497)	.1335	(.0525)	2
DEC-1	.5535	(.2179)	61121112	.3504	(.1379)	.1007	(.0396)	.3178	(.1251)	.1016	(.0400)	DEC-1
2	.7879	(.3102)	67122912	.3300	(.1299)	.1363	(.0537)	.3382	(.1332)	.1635	(.0644)	2

NAKNEK, ALASKA — 17 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED: MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.9660	(.7740)	57011115	1.2232	(.4816)	.3260	(.1283)	1.2807	(.5042)	.3998	(.1574)	JAN-1
2	2.2106	(.8703)	57012703	1.2904	(.5080)	.4432	(.1745)	1.3784	(.5427)	.3482	(.1371)	2
FEB-1	1.9294	(.7596)	56021503	1.1246	(.4428)	.2990	(.1177)	1.1557	(.4550)	.2986	(.1176)	FEB-1
2	2.1801	(.8583)	55022603	1.2073	(.4753)	.4057	(.1597)	1.2396	(.4880)	.3920	(.1543)	2
MAR-1	1.9073	(.7509)	67030212	1.1351	(.4469)	.4343	(.1710)	1.2097	(.4763)	.3866	(.1522)	MAR-1
2	1.9093	(.7517)	54032003	1.1534	(.4541)	.3651	(.1437)	1.2237	(.4818)	.3807	(.1499)	2
APR-1	1.9502	(.7678)	67040100	1.1376	(.4479)	.3212	(.1264)	1.1758	(.4629)	.2474	(.0974)	APR-1
2	2.3330	(.9185)	61042200	1.5387	(.6058)	.3793	(.1493)	1.6589	(.6531)	.3274	(.1289)	2
MAY-1	2.0914	(.8234)	60051100	1.5159	(.5968)	.3184	(.1253)	1.5185	(.5979)	.2988	(.1176)	MAY-1
2	2.4714	(.9730)	60052200	1.7294	(.6809)	.3009	(.1185)	1.8999	(.7480)	.3042	(.1197)	2
JUN-1	2.6678	(1.0503)	67060812	1.9223	(.7568)	.3301	(.1300)	2.0048	(.7893)	.3363	(.1324)	JUN-1
2	4.0836	(1.6077)	53062603	2.3547	(.9270)	.5748	(.2263)	2.3877	(.9400)	.5059	(.1992)	2
JUL-1	3.3546	(1.3207)	65070812	2.4125	(.9498)	.3062	(.1205)	2.6506	(1.0436)	.4048	(.1594)	JUL-1
2	4.0264	(1.5852)	54072915	2.8499	(1.1220)	.5879	(.2314)	3.0832	(1.2139)	.5571	(.2193)	2
AUG-1	3.8184	(1.5033)	63080212	2.8519	(1.1228)	.4930	(.1941)	2.9502	(1.1615)	.4669	(.1838)	AUG-1
2	4.2611	(1.6776)	63081712	2.9291	(1.1532)	.6614	(.2604)	3.0165	(1.1876)	.7306	(.2876)	2
SEP-1	3.9693	(1.5627)	56091103	2.5136	(.9896)	.6208	(.2444)	2.5151	(.9902)	.4321	(.1701)	SEP-1
2	4.0770	(1.6051)	54091815	2.2797	(.8975)	.6371	(.2508)	2.2216	(.8746)	.6794	(.2675)	2
OCT-1	3.0724	(1.2096)	63100600	1.7753	(.6989)	.5673	(.2233)	1.8193	(.7162)	.4760	(.1874)	OCT-1
2	2.3795	(.9368)	57102200	1.3778	(.5424)	.4717	(.1857)	1.3391	(.5272)	.3191	(.1256)	2
NOV-1	2.2073	(.8690)	66110512	1.3702	(.5394)	.3124	(.1230)	1.4071	(.5540)	.4307	(.1696)	NOV-1
2	2.3490	(.9248)	66111712	1.2716	(.5006)	.3823	(.1505)	1.3014	(.5124)	.4616	(.1817)	2
DEC-1	2.5555	(1.0061)	61120912	1.2515	(.4927)	.3939	(.1551)	1.2501	(.4922)	.3967	(.1562)	DEC-1
2	2.5959	(1.0220)	67122912	1.2244	(.4821)	.4586	(.1806)	1.2729	(.5011)	.5226	(.2057)	2
				SURFACE TO 700MB								
JAN-1	1.4384	(.5663)	63011312	.9414	(.3706)	.2226	(.0876)	.9492	(.3737)	.2687	(.1058)	JAN-1
2	1.6370	(.6445)	57012703	.9458	(.3723)	.2896	(.1140)	.9901	(.3898)	.2193	(.0863)	2
FEB-1	1.3254	(.5218)	56021503	.8663	(.3410)	.1992	(.0784)	.8807	(.3467)	.2253	(.0887)	FEB-1
2	1.6142	(.6355)	55022615	.8944	(.3521)	.2756	(.1085)	.9329	(.3673)	.2842	(.1119)	2
MAR-1	1.3139	(.5173)	67030212	.8711	(.3429)	.2903	(.1143)	.9217	(.3629)	.2570	(.1012)	MAR-1
2	1.4478	(.5700)	65032212	.8589	(.3382)	.2329	(.0917)	.9154	(.3604)	.2544	(.1002)	2
APR-1	1.5994	(.6297)	67040100	.8777	(.3455)	.2467	(.0971)	.8878	(.3495)	.1745	(.0687)	APR-1
2	1.5563	(.6127)	61042400	1.1314	(.4454)	.2268	(.0893)	1.1967	(.4711)	.2292	(.0903)	2
MAY-1	1.5761	(.6205)	58050100	1.1343	(.4466)	.2038	(.0802)	1.1176	(.4400)	.1867	(.0735)	MAY-1
2	1.8042	(.7103)	60052200	1.3114	(.5163)	.1993	(.0785)	1.3937	(.5487)	.2031	(.0800)	2
JUN-1	1.9721	(.7764)	67060812	1.4640	(.5764)	.2174	(.0856)	1.4987	(.5900)	.2381	(.0938)	JUN-1
2	3.1405	(1.2364)	53062603	1.7937	(.7062)	.4156	(.1636)	1.8236	(.7179)	.3375	(.1329)	2
JUL-1	2.3762	(.9355)	63071512	1.8435	(.7258)	.1677	(.0660)	1.9646	(.7734)	.2416	(.0951)	JUL-1
2	2.9055	(1.1439)	54072915	2.1640	(.8520)	.4104	(.1616)	2.2905	(.9018)	.3752	(.1477)	2
AUG-1	2.8153	(1.1084)	63080212	2.1456	(.8447)	.3435	(.1352)	2.2279	(.8771)	.3580	(.1409)	AUG-1
2	3.1051	(1.2225)	53082215	2.1798	(.8582)	.4707	(.1853)	2.2514	(.8864)	.5027	(.1979)	2
SEP-1	2.7450	(1.0807)	56091103	1.8859	(.7425)	.4409	(.1736)	1.8307	(.7208)	.3203	(.1261)	SEP-1
2	2.8339	(1.1157)	54091815	1.6606	(.6538)	.3721	(.1465)	1.6535	(.6510)	.4600	(.1811)	2
OCT-1	2.0704	(.8151)	63100600	1.3224	(.5206)	.3337	(.1314)	1.3564	(.5340)	.3011	(.1185)	OCT-1
2	1.8339	(.7220)	57102200	1.0151	(.3996)	.3107	(.1223)	1.0248	(.4035)	.2300	(.0905)	2
NOV-1	1.4475	(.5699)	65111400	1.0184	(.4010)	.2330	(.0917)	.9944	(.3915)	.2305	(.0908)	NOV-1
2	1.6497	(.6495)	66111712	.9717	(.3826)	.2582	(.1017)	.9489	(.3736)	.2877	(.1133)	2
DEC-1	1.7849	(.7027)	61120912	.8975	(.3534)	.2533	(.0997)	.8998	(.3543)	.2549	(.1003)	DEC-1
2	1.8847	(.7420)	67122912	.9056	(.3565)	.3105	(.1223)	.9359	(.3685)	.3604	(.1419)	2
				SURFACE TO 850MB								
JAN-1	.8085	(.3183)	63011500	.5169	(.2035)	.1230	(.0484)	.5258	(.2070)	.1329	(.0523)	JAN-1
2	.9408	(.3704)	63012712	.5396	(.2124)	.1583	(.0623)	.5592	(.2202)	.1442	(.0568)	2
FEB-1	.7064	(.2781)	57020415	.4877	(.1920)	.1016	(.0400)	.5117	(.2014)	.1357	(.0534)	FEB-1
2	.9139	(.3598)	55022615	.4963	(.1954)	.1485	(.0585)	.5304	(.2088)	.1639	(.0645)	2
MAR-1	.7518	(.2960)	67030212	.5035	(.1982)	.1436	(.0565)	.5383	(.2119)	.1330	(.0524)	MAR-1
2	.8608	(.3389)	65032212	.5009	(.1972)	.1134	(.0447)	.5276	(.2077)	.1265	(.0498)	2
APR-1	.9042	(.3560)	67040100	.5202	(.2048)	.1327	(.0522)	.5210	(.2051)	.0885	(.0348)	APR-1
2	.9149	(.3602)	61042400	.6506	(.2562)	.1257	(.0495)	.6738	(.2653)	.1100	(.0433)	2
MAY-1	.9604	(.3781)	58050100	.6797	(.2676)	.1130	(.0445)	.6601	(.2599)	.0955	(.0376)	MAY-1
2	1.0025	(.3947)	60052200	.7666	(.3018)	.1007	(.0396)	.7889	(.3106)	.0971	(.0382)	2
JUN-1	1.1463	(.4513)	67060812	.8920	(.3512)	.1193	(.0470)	.9029	(.3555)	.1240	(.0488)	JUN-1
2	1.9766	(.7782)	53062603	1.0891	(.4288)	.2625	(.1033)	1.0968	(.4318)	.2398	(.0944)	2
JUL-1	1.3945	(.5490)	63071212	1.1165	(.4396)	.1111	(.0437)	1.1748	(.4625)	.1379	(.0543)	JUL-1
2	1.6693	(.6572)	54072703	1.3316	(.5243)	.2321	(.0914)	1.3422	(.5284)	.2048	(.0806)	2
AUG-1	1.5928	(.6271)	57081512	1.2574	(.4950)	.1562	(.0615)	1.2636	(.4975)	.1737	(.0684)	AUG-1
2	1.7856	(.7029)	53082215	1.2894	(.5076)	.2828	(.1113)	1.3114	(.5163)	.2926	(.1152)	2
SEP-1	1.4874	(.5856)	65090412	1.0917	(.4298)	.2367	(.0932)	1.0701	(.4213)	.1720	(.0677)	SEP-1
2	1.5591	(.6138)	54099903	.9494	(.3738)	.2119	(.0834)	.9526	(.3751)	.2319	(.0913)	2
OCT-1	1.1090	(.4366)	54100203	.7727	(.3042)	.1730	(.0681)	.7906	(.3113)	.1697	(.0668)	OCT-1
2	1.0213	(.4021)	57102200	.5813	(.2289)	.1664	(.0655)	.5791	(.2280)	.1221	(.0481)	2
NOV-1	.8392	(.3304)	65111400	.5760	(.2268)	.1403	(.0553)	.5422	(.2135)	.1135	(.0447)	NOV-1
2	.8031	(.3162)	66112200	.5486	(.2160)	.1372	(.0540)	.5298	(.2086)	.1212	(.0477)	2
DEC-1	.9832	(.3871)	61120912	.5123	(.2017)	.1420	(.0559)	.5072	(.1997)	.1478	(.0582)	DEC-1
2	1.0719	(.4220)	67122912	.5086	(.2002)	.1728	(.0680)	.5093	(.2005)	.1997	(.0786)	2

NOME, ALASKA — 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED: MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.8951	(.7461)	68010200	.9821	(.3867)	.3664	(.1443)	.9566	(.3766)	.3304	(.1301)	JAN-1
2	1.9914	(.7840)	63011600	1.0037	(.3951)	.3652	(.1438)	1.0063	(.3962)	.3783	(.1489)	2
FEB-1	1.7752	(.6989)	57020315	.8665	(.3411)	.3290	(.1295)	.8445	(.3325)	.3317	(.1306)	FEB-1
2	1.6434	(.6470)	57021903	.8719	(.3433)	.3560	(.1401)	.8875	(.3494)	.3685	(.1451)	2
MAR-1	1.6690	(.6571)	62031000	.8614	(.3391)	.3055	(.1203)	.8162	(.3213)	.2426	(.0955)	MAR-1
2	1.7275	(.6801)	65032412	.8994	(.3541)	.2869	(.1130)	.8920	(.3512)	.3154	(.1242)	2
APR-1	1.7404	(.6852)	65041512	.9784	(.3852)	.2785	(.1097)	1.0359	(.4078)	.3281	(.1292)	APR-1
2	2.1107	(.8310)	58042512	1.1122	(.4379)	.3116	(.1227)	1.1919	(.4693)	.3327	(.1310)	2
MAY-1	2.3594	(.9289)	68051112	1.3189	(.5192)	.3047	(.1200)	1.4431	(.5681)	.3456	(.1361)	MAY-1
2	1.9766	(.7782)	53053103	1.4572	(.5737)	.2810	(.1106)	1.4928	(.5877)	.2044	(.0805)	2
JUN-1	2.7506	(1.0829)	58060900	1.7843	(.7025)	.4103	(.1616)	1.8981	(.7473)	.3421	(.1347)	JUN-1
2	3.8745	(1.5254)	53062415	2.1199	(.8346)	.5019	(.1976)	2.2156	(.8723)	.4906	(.1931)	2
JUL-1	3.1267	(1.2310)	58070600	2.3819	(.9377)	.4015	(.1581)	2.4569	(.9673)	.2369	(.0933)	JUL-1
2	3.4628	(1.3633)	62072700	2.6297	(1.0353)	.4356	(.1715)	2.7070	(1.0658)	.3524	(.1387)	2
AUG-1	3.5951	(1.4154)	56080515	2.6822	(1.0560)	.4031	(.1587)	2.7461	(1.0811)	.3871	(.1524)	AUG-1
2	3.5418	(1.3944)	59082700	2.5095	(.9880)	.4610	(.1815)	2.4264	(.9553)	.2813	(.1107)	2
SEP-1	3.0020	(1.1819)	65091012	1.9504	(.7679)	.3795	(.1494)	2.0094	(.7911)	.3854	(.1517)	SEP-1
2	2.4300	(.9567)	59093000	1.8206	(.7168)	.3454	(.1360)	1.8101	(.7126)	.3096	(.1219)	2
OCT-1	2.4402	(.9607)	57100500	1.4834	(.5840)	.3591	(.1414)	1.5041	(.5921)	.3463	(.1363)	OCT-1
2	2.0394	(.8029)	69102500	1.1112	(.4375)	.3422	(.1347)	1.0805	(.4254)	.2772	(.1091)	2
NOV-1	1.6797	(.6613)	65110600	1.0109	(.3980)	.3060	(.1205)	1.0405	(.4097)	.3081	(.1213)	NOV-1
2	1.7074	(.6722)	66111612	.9837	(.3873)	.2496	(.0983)	1.0196	(.4014)	.3391	(.1335)	2
DEC-1	1.4318	(.5637)	61121100	.8199	(.3228)	.3395	(.1337)	.8481	(.3339)	.3044	(.1198)	DEC-1
2	1.7620	(.6937)	65122612	.8692	(.3422)	.3784	(.1490)	.9155	(.3604)	.4339	(.1708)	2
				SURFACE TO 700MB								
JAN-1	1.2636	(.4975)	63011512	.7220	(.2842)	.2459	(.0968)	.6947	(.2735)	.2465	(.0971)	JAN-1
2	1.4140	(.5567)	63011600	.7952	(.3131)	.2651	(.1044)	.7682	(.3024)	.2532	(.0997)	2
FEB-1	1.3533	(.5328)	57020315	.6718	(.2645)	.2448	(.0964)	.6457	(.2542)	.2360	(.0929)	FEB-1
2	1.2238	(.4818)	62022500	.6598	(.2598)	.2588	(.1019)	.6678	(.2629)	.2478	(.0976)	2
MAR-1	1.2322	(.4851)	62031000	.6794	(.2675)	.2008	(.0791)	.6531	(.2571)	.1636	(.0644)	MAR-1
2	1.3330	(.5248)	65032312	.6917	(.2723)	.2058	(.0810)	.7111	(.2800)	.2293	(.0903)	2
APR-1	1.2781	(.5032)	65041512	.7496	(.2951)	.1839	(.0724)	.7662	(.3016)	.2097	(.0826)	APR-1
2	1.3922	(.5481)	58042512	.8422	(.3316)	.2093	(.0824)	.9007	(.3546)	.1884	(.0742)	2
MAY-1	1.6104	(.6340)	68051112	.9638	(.3795)	.2078	(.0818)	1.0618	(.4180)	.2161	(.0851)	MAY-1
2	1.4575	(.5738)	58053000	1.1191	(.4406)	.1884	(.0742)	1.1562	(.4552)	.1574	(.0620)	2
JUN-1	2.0472	(.8060)	58060900	1.3816	(.5439)	.2816	(.1109)	1.4384	(.5663)	.2509	(.0988)	JUN-1
2	2.6444	(1.0411)	53062415	1.6080	(.6331)	.3011	(.1186)	1.6561	(.6520)	.2872	(.1131)	2
JUL-1	2.3647	(.9310)	51071503	1.8093	(.7123)	.2617	(.1030)	1.8369	(.7232)	.1930	(.0760)	JUL-1
2	2.5867	(1.0184)	62072700	1.9591	(.7713)	.3110	(.1224)	1.9913	(.7840)	.2462	(.0969)	2
AUG-1	2.4633	(.9698)	56080515	2.0099	(.7913)	.2549	(.1003)	2.0611	(.8115)	.2282	(.0898)	AUG-1
2	2.5298	(.9960)	59082700	1.8834	(.7415)	.2625	(.1033)	1.8549	(.7303)	.2196	(.0865)	2
SEP-1	2.0919	(.8236)	65090912	1.4839	(.5842)	.2630	(.1035)	1.5286	(.6018)	.2739	(.1078)	SEP-1
2	1.7904	(.7049)	59093000	1.4066	(.5538)	.2127	(.0837)	1.3532	(.5328)	.1991	(.0784)	2
OCT-1	1.7945	(.7065)	57100500	1.0956	(.4313)	.2503	(.0986)	1.1335	(.4463)	.2355	(.0927)	OCT-1
2	1.6454	(.6478)	69102500	.8630	(.3397)	.2518	(.0991)	.8631	(.3398)	.2162	(.0851)	2
NOV-1	1.1321	(.4457)	65111412	.7882	(.3103)	.1817	(.0715)	.7898	(.3110)	.1863	(.0734)	NOV-1
2	1.2057	(.4747)	50112715	.7637	(.3007)	.1680	(.0661)	.7692	(.3028)	.2203	(.0867)	2
DEC-1	1.1168	(.4397)	55121415	.6456	(.2542)	.2144	(.0844)	.6380	(.2512)	.2114	(.0832)	DEC-1
2	1.2047	(.4743)	65122612	.6631	(.2611)	.2699	(.1063)	.6931	(.2729)	.3135	(.1234)	2
				SURFACE TO 850MB								
JAN-1	.6977	(.2747)	63011512	.3905	(.1538)	.1360	(.0535)	.3876	(.1526)	.1338	(.0527)	JAN-1
2	.8778	(.3456)	63012912	.4708	(.1853)	.1660	(.0654)	.4542	(.1788)	.1577	(.0621)	2
FEB-1	.7846	(.3089)	57020315	.3781	(.1489)	.1537	(.0605)	.3688	(.1452)	.1419	(.0559)	FEB-1
2	.6891	(.2713)	57022003	.3802	(.1497)	.1568	(.0617)	.3797	(.1495)	.1468	(.0578)	2
MAR-1	.6482	(.2552)	62031000	.4006	(.1577)	.1175	(.0463)	.3964	(.1561)	.1055	(.0415)	MAR-1
2	.7762	(.3056)	65032412	.3987	(.1570)	.1343	(.0529)	.4086	(.1609)	.1414	(.0557)	2
APR-1	.6876	(.2707)	65041412	.4492	(.1768)	.0987	(.0389)	.4517	(.1778)	.1040	(.0409)	APR-1
2	.7203	(.2836)	58042512	.5017	(.1975)	.0982	(.0387)	.5303	(.2088)	.0901	(.0355)	2
MAY-1	.8072	(.3178)	68051112	.5611	(.2209)	.1041	(.0410)	.5951	(.2343)	.1067	(.0420)	MAY-1
2	.8862	(.3489)	58053100	.6672	(.2627)	.1114	(.0438)	.6977	(.2747)	.1032	(.0406)	2
JUN-1	1.1493	(.4525)	58060900	.8395	(.3305)	.1511	(.0595)	.8735	(.3439)	.1311	(.0516)	JUN-1
2	1.3518	(.5322)	53062503	.9653	(.3800)	.1606	(.0632)	.9694	(.3817)	.1474	(.0580)	2
JUL-1	1.4313	(.5635)	60071412	1.0757	(.4235)	.1510	(.0594)	1.0887	(.4286)	.1293	(.0509)	JUL-1
2	1.5862	(.6245)	62072700	1.1790	(.4642)	.1728	(.0680)	1.1985	(.4719)	.1511	(.0595)	2
AUG-1	1.4407	(.5672)	57081412	1.1787	(.4640)	.1267	(.0499)	1.1942	(.4702)	.1198	(.0472)	AUG-1
2	1.2675	(.4990)	61081812	1.0886	(.4286)	.1032	(.0406)	1.0803	(.4253)	.1276	(.0502)	2
SEP-1	1.1869	(.4673)	65090412	.9074	(.3572)	.1451	(.0571)	.9210	(.3626)	.1434	(.0564)	SEP-1
2	1.0650	(.4193)	51092103	.8352	(.3288)	.1145	(.0451)	.8056	(.3172)	.1081	(.0426)	2
OCT-1	.9314	(.3667)	57100500	.6475	(.2549)	.1201	(.0473)	.6571	(.2587)	.1223	(.0482)	OCT-1
2	.9756	(.3841)	69102500	.5253	(.2068)	.1447	(.0570)	.5238	(.2062)	.1507	(.0593)	2
NOV-1	.5949	(.2342)	66110700	.4648	(.1830)	.0950	(.0374)	.4582	(.1804)	.0996	(.0392)	NOV-1
2	.6693	(.2635)	65111612	.4309	(.1696)	.0885	(.0348)	.4424	(.1742)	.1230	(.0484)	2
DEC-1	.6609	(.2602)	55121415	.3762	(.1481)	.1346	(.0530)	.3602	(.1418)	.1292	(.0509)	DEC-1
2	.6652	(.2619)	55122203	.3889	(.1531)	.1740	(.0685)	.3767	(.1483)	.1736	(.0684)	2

ST. PAUL ISLAND, ALASKA 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.3155	(.9116)	50011515	1.3981	(.5504)	.3891	(.1532)	1.4949	(.5886)	.3992	(.1572)	JAN-1
2	2.1689	(.8539)	63011600	1.4023	(.5521)	.4085	(.1608)	1.3909	(.5476)	.2926	(.1152)	2
FEB-1	2.0676	(.8140)	58020200	1.2245	(.4821)	.3812	(.1501)	1.1031	(.4343)	.3363	(.1324)	FEB-1
2	2.4033	(.9462)	56022115	1.2453	(.4903)	.4741	(.1866)	1.2102	(.4765)	.5094	(.2005)	2
MAR-1	1.8882	(.7434)	62031000	1.1884	(.4679)	.3832	(.1508)	1.1919	(.4693)	.3176	(.1251)	MAR-1
2	2.1699	(.8543)	63032500	1.1415	(.4494)	.4416	(.1739)	1.1307	(.4452)	.3698	(.1456)	2
APR-1	2.2151	(.8721)	65041500	1.3331	(.5248)	.4033	(.1588)	1.4211	(.5595)	.3886	(.1530)	APR-1
2	2.2728	(.8948)	65042912	1.4059	(.5535)	.4525	(.1782)	1.4358	(.5653)	.4662	(.1835)	2
MAY-1	2.4384	(.9600)	60051100	1.5796	(.6219)	.3875	(.1525)	1.6832	(.6627)	.3523	(.1387)	MAY-1
2	2.7081	(1.0662)	64052912	1.6660	(.6559)	.2499	(.0984)	1.7958	(.7070)	.3855	(.1518)	2
JUN-1	2.5794	(1.0155)	56061103	1.8556	(.7306)	.4421	(.1741)	1.9192	(.7556)	.2892	(.1139)	JUN-1
2	3.3645	(1.3246)	61061712	2.1446	(.8443)	.5265	(.2073)	2.2242	(.8757)	.5379	(.2118)	2
JUL-1	4.0988	(1.6137)	51070503	2.6840	(1.0567)	.5419	(.2133)	2.6490	(1.0429)	.5195	(.2045)	JUL-1
2	4.3586	(1.7160)	54072815	3.3229	(1.3082)	.5463	(.2151)	3.3290	(1.3106)	.6822	(.2686)	2
AUG-1	4.2060	(1.6559)	56080603	3.0486	(1.2002)	.6291	(.2477)	3.3351	(1.3130)	.5232	(.2060)	AUG-1
2	4.6081	(1.8142)	59082512	2.8146	(1.1081)	.5448	(.2145)	2.9361	(1.1559)	.7325	(.2884)	2
SEP-1	3.6624	(1.4419)	64090400	2.3510	(.9256)	.4949	(.1949)	2.4128	(.9499)	.4107	(.1617)	SEP-1
2	3.6424	(1.4340)	54093003	2.1307	(.8388)	.5952	(.2343)	2.1667	(.8530)	.5119	(.2015)	2
OCT-1	3.0368	(1.1956)	58101400	1.7656	(.6951)	.4888	(.1924)	1.7624	(.6938)	.3841	(.1512)	OCT-1
2	2.5349	(.9980)	51101703	1.3985	(.5506)	.4979	(.1960)	1.4947	(.5884)	.3820	(.1504)	2
NOV-1	2.6383	(1.0387)	65111400	1.4712	(.5792)	.4045	(.1593)	1.4458	(.5692)	.2726	(.1073)	NOV-1
2	2.3980	(.9441)	51111903	1.4238	(.5606)	.3973	(.1564)	1.3165	(.5183)	.3117	(.1227)	2
DEC-1	2.2492	(.8855)	50120815	1.2817	(.5046)	.3646	(.1436)	1.2748	(.5019)	.3928	(.1546)	DEC-1
2	2.1712	(.8548)	68121800	1.1698	(.4606)	.4376	(.1723)	1.1934	(.4698)	.3949	(.1555)	2
				SURFACE TO 700MB								
JAN-1	1.6916	(.6660)	52011103	1.0879	(.4283)	.2740	(.1079)	1.1062	(.4355)	.2687	(.1058)	JAN-1
2	1.5210	(.5988)	68012800	1.0102	(.3977)	.2693	(.1060)	1.0578	(.4165)	.2122	(.0836)	2
FEB-1	1.6005	(.6301)	58020200	.9263	(.3647)	.2867	(.1129)	.8797	(.3463)	.2748	(.1082)	FEB-1
2	1.7790	(.7004)	56022115	.9288	(.3657)	.3353	(.1320)	.9247	(.3641)	.3647	(.1436)	2
MAR-1	1.4112	(.5556)	62031000	.9134	(.3596)	.2544	(.1002)	.9152	(.3603)	.2296	(.0904)	MAR-1
2	1.4188	(.5586)	65032512	.8809	(.3468)	.2836	(.1116)	.8819	(.3472)	.2641	(.1040)	2
APR-1	1.5692	(.6178)	65041512	1.0298	(.4054)	.2722	(.1072)	1.0584	(.4167)	.2782	(.1095)	APR-1
2	1.8633	(.7336)	65042912	1.0626	(.4184)	.3209	(.1263)	1.0772	(.4241)	.3158	(.1243)	2
MAY-1	1.7755	(.6990)	60051100	1.1771	(.4634)	.2659	(.1047)	1.2115	(.4770)	.2485	(.0978)	MAY-1
2	1.8494	(.7281)	64052912	1.2600	(.4961)	.2120	(.0835)	1.3309	(.5240)	.2267	(.0893)	2
JUN-1	1.9304	(.7600)	61061512	1.3581	(.5347)	.2901	(.1142)	1.4480	(.5701)	.2248	(.0885)	JUN-1
2	2.3965	(.9435)	61061712	1.6123	(.6347)	.3341	(.1316)	1.6679	(.6567)	.3346	(.1317)	2
JUL-1	2.7894	(1.0982)	51070503	1.9463	(.7663)	.3887	(.1530)	1.9478	(.7669)	.2986	(.1176)	JUL-1
2	3.1758	(1.2503)	54072815	2.4535	(.9660)	.3631	(.1430)	2.4224	(.9537)	.4269	(.1681)	2
AUG-1	3.2771	(1.2902)	56080603	2.3050	(.9075)	.4433	(.1745)	2.4184	(.9521)	.3843	(.1513)	AUG-1
2	3.2502	(1.2796)	59082512	2.0615	(.8116)	.4150	(.1634)	2.1362	(.8410)	.5278	(.2078)	2
SEP-1	2.5568	(1.0066)	64090400	1.7651	(.6949)	.3259	(.1283)	1.8216	(.7172)	.3319	(.1307)	SEP-1
2	2.5288	(.9956)	54093003	1.6324	(.6427)	.3908	(.1539)	1.6153	(.6359)	.3312	(.1304)	2
OCT-1	2.0805	(.8191)	58101400	1.3199	(.5196)	.3025	(.1191)	1.3426	(.5286)	.2639	(.1039)	OCT-1
2	1.8158	(.7149)	51101703	1.0742	(.4229)	.3506	(.1380)	1.1177	(.4400)	.2370	(.0933)	2
NOV-1	1.8552	(.7304)	65111400	1.0712	(.4217)	.2575	(.1014)	1.0824	(.4262)	.1586	(.0624)	NOV-1
2	1.7244	(.6789)	66111612	1.0631	(.4185)	.2350	(.0925)	1.0001	(.3938)	.2329	(.0917)	2
DEC-1	1.7445	(.6868)	50120815	.9507	(.3743)	.2325	(.0915)	.9806	(.3860)	.2912	(.1146)	DEC-1
2	1.5507	(.6105)	68121800	.8907	(.3507)	.2887	(.1137)	.9438	(.3716)	.2734	(.1076)	2
				SURFACE TO 850MB								
JAN-1	.9627	(.3790)	52011103	.6371	(.2508)	.1539	(.0606)	.6187	(.2436)	.1397	(.0550)	JAN-1
2	.9484	(.3734)	50011615	.5772	(.2272)	.1271	(.0500)	.6079	(.2393)	.1420	(.0559)	2
FEB-1	.9169	(.3610)	59020912	.5312	(.2091)	.1368	(.0539)	.5343	(.2103)	.1497	(.0589)	FEB-1
2	.9853	(.3879)	55022615	.5442	(.2143)	.1818	(.0716)	.5331	(.2099)	.1899	(.0748)	2
MAR-1	.8240	(.3244)	62031000	.5299	(.2086)	.1383	(.0544)	.5317	(.2093)	.1260	(.0496)	MAR-1
2	.8123	(.3198)	67031612	.5272	(.2075)	.1138	(.0448)	.5268	(.2074)	.1330	(.0524)	2
APR-1	.8504	(.3348)	65041512	.5973	(.2352)	.1228	(.0484)	.5977	(.2353)	.1254	(.0494)	APR-1
2	.9441	(.3717)	65042912	.6154	(.2423)	.1490	(.0586)	.6274	(.2470)	.1307	(.0593)	2
MAY-1	1.0107	(.3979)	67051112	.7008	(.2759)	.1268	(.0499)	.7106	(.2798)	.1295	(.0510)	MAY-1
2	1.0036	(.3951)	59052400	.7265	(.2860)	.1087	(.0428)	.7469	(.2940)	.0933	(.0367)	2
JUN-1	1.1600	(.4567)	61061512	.7767	(.3058)	.1240	(.0488)	.8336	(.3282)	.1252	(.0493)	JUN-1
2	1.3282	(.5229)	53062315	.9373	(.3690)	.1531	(.0603)	.9577	(.3771)	.1626	(.0640)	2
JUL-1	1.6497	(.6495)	67071512	1.0829	(.4263)	.2051	(.0807)	1.0956	(.4313)	.1976	(.0778)	JUL-1
2	1.8735	(.7376)	54072815	1.3852	(.5454)	.2230	(.0878)	1.3878	(.5464)	.2510	(.0988)	2
AUG-1	1.8882	(.7434)	56080603	1.3495	(.5313)	.2406	(.0947)	1.3667	(.5381)	.2326	(.0916)	AUG-1
2	1.9246	(.7577)	53082103	1.1708	(.4609)	.2693	(.1060)	1.1940	(.4701)	.2917	(.1149)	2
SEP-1	1.2918	(.5086)	66090612	1.0171	(.4004)	.1431	(.0563)	1.0187	(.4011)	.1341	(.0528)	SEP-1
2	1.4369	(.5657)	54091803	.9465	(.3726)	.1768	(.0696)	.9304	(.3663)	.1754	(.0690)	2
OCT-1	1.2126	(.4774)	60100300	.7861	(.3095)	.1650	(.0650)	.7623	(.3001)	.1161	(.0457)	OCT-1
2	1.0818	(.4259)	56102503	.6423	(.2529)	.1830	(.0721)	.6493	(.2556)	.1294	(.0509)	2
NOV-1	.9718	(.3826)	65111400	.6131	(.2414)	.1284	(.0505)	.6282	(.2473)	.0913	(.0359)	NOV-1
2	1.0361	(.4079)	66111612	.6081	(.2394)	.1165	(.0459)	.6129	(.2413)	.1545	(.0608)	2
DEC-1	.8486	(.3341)	50120815	.5584	(.2199)	.1157	(.0456)	.5542	(.2182)	.1162	(.0458)	DEC-1
2	.8453	(.3328)	64121712	.5352	(.2107)	.1332	(.0525)	.5614	(.2210)	.1400	(.0551)	2

SHEMYA, ALASKA — 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED: MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z): MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	2.3528	(.9263)	69010500	1.2650	(.4980)	.4600	(.1811)	1.3008	(.5121)	.5070	(.1996)	JAN-1
2	1.9710	(.7760)	68012812	1.2516	(.4928)	.2843	(.1119)	1.2535	(.4935)	.3341	(.1316)	2
FEB-1	1.6873	(.6643)	69020712	1.1119	(.4378)	.2784	(.1096)	1.1550	(.4547)	.2883	(.1135)	FEB-1
2	2.1377	(.8416)	56022115	1.1752	(.4627)	.4481	(.1764)	1.0222	(.4025)	.3602	(.1418)	2
MAR-1	2.2017	(.8668)	67030812	1.1423	(.4497)	.3474	(.1368)	1.2499	(.4921)	.4203	(.1655)	MAR-1
2	1.7689	(.6964)	67032412	1.1982	(.4717)	.2963	(.1166)	1.2078	(.4755)	.3231	(.1272)	2
APR-1	2.0526	(.8081)	59040712	1.3796	(.5432)	.3791	(.1492)	1.3270	(.5224)	.3693	(.1454)	APR-1
2	2.8943	(1.1395)	61042612	1.5365	(.6049)	.4368	(.1720)	1.6724	(.6584)	.5478	(.2157)	2
MAY-1	3.0676	(1.2077)	64051212	1.8040	(.7102)	.3782	(.1489)	1.8971	(.7469)	.6373	(.2509)	MAY-1
2	3.9258	(1.5456)	62053100	1.9315	(.7604)	.7362	(.2898)	1.7645	(.6947)	.5008	(.1972)	2
JUN-1	3.3089	(1.3027)	61061512	1.8403	(.7245)	.4763	(.1875)	1.9480	(.7669)	.4636	(.1825)	JUN-1
2	3.9670	(1.5618)	53062315	2.2657	(.8920)	.4920	(.1937)	2.4378	(.9598)	.6579	(.2590)	2
JUL-1	4.2743	(1.6828)	60070812	2.8493	(1.1218)	.5461	(.2150)	3.0272	(1.1918)	.6270	(.2469)	JUL-1
2	4.4140	(1.7378)	58073112	3.1752	(1.2501)	.5394	(.2124)	3.6425	(1.4341)	.5728	(.2255)	2
AUG-1	4.7440	(1.8677)	58080100	3.4940	(1.3756)	.6444	(.2537)	3.6730	(1.4461)	.6233	(.2454)	AUG-1
2	4.8303	(1.9017)	53081603	2.9368	(1.1562)	.7961	(.3134)	2.9758	(1.1716)	.7578	(.2983)	2
SEP-1	3.8166	(1.5026)	59090212	2.7062	(1.0654)	.4925	(.1939)	2.6613	(1.0478)	.4719	(.1858)	SEP-1
2	3.1379	(1.2354)	60092612	2.2886	(.9010)	.4403	(.1734)	2.2890	(.9012)	.4682	(.1843)	2
OCT-1	3.2464	(1.2781)	68100212	1.9839	(.7811)	.5367	(.2113)	2.0527	(.8082)	.4854	(.1911)	OCT-1
2	3.4376	(1.3534)	55101615	1.7293	(.6808)	.4295	(.1691)	1.9425	(.7648)	.5492	(.2162)	2
NOV-1	2.2134	(.8714)	64110700	1.5570	(.6130)	.4091	(.1610)	1.3804	(.5435)	.3669	(.1444)	NOV-1
2	2.4907	(.9806)	61112512	1.3634	(.5368)	.5096	(.2006)	1.3351	(.5256)	.5807	(.2286)	2
DEC-1	2.5512	(1.0044)	67120112	1.2175	(.4793)	.4094	(.1612)	1.2653	(.4981)	.4368	(.1720)	DEC-1
2	2.5083	(.9875)	55121903	1.2735	(.5014)	.4900	(.1929)	1.2610	(.4964)	.4070	(.1602)	2
				SURFACE TO 700MB								
JAN-1	1.7074	(.6722)	69010500	.9806	(.3860)	.3259	(.1283)	.9833	(.3871)	.3621	(.1425)	JAN-1
2	1.4470	(.5697)	68012912	.9925	(.3907)	.2079	(.0818)	.9934	(.3911)	.2421	(.0953)	2
FEB-1	1.2855	(.5061)	57020403	.8728	(.3436)	.1879	(.0740)	.8965	(.3529)	.2000	(.0788)	FEB-1
2	1.5819	(.6228)	56022115	.9230	(.3634)	.2916	(.1148)	.7993	(.3147)	.2324	(.0915)	2
MAR-1	1.6439	(.6472)	67030812	.8541	(.3363)	.2857	(.1125)	.9255	(.3644)	.3102	(.1221)	MAR-1
2	1.2995	(.5116)	67032412	.9368	(.3688)	.2054	(.0809)	.9308	(.3665)	.2197	(.0865)	2
APR-1	1.4737	(.5802)	52041103	1.0488	(.4129)	.2569	(.1012)	1.0083	(.3970)	.2465	(.0970)	APR-1
2	2.1521	(.8473)	61042612	1.1343	(.4466)	.3368	(.1326)	1.2017	(.4731)	.3831	(.1508)	2
MAY-1	2.2212	(.8745)	63050412	1.3241	(.5213)	.2829	(.1114)	1.3439	(.5291)	.4205	(.1655)	MAY-1
2	2.5260	(.9945)	62053100	1.3879	(.5464)	.4551	(.1792)	1.3230	(.5209)	.3119	(.1228)	2
JUN-1	2.4608	(.9688)	61061512	1.3860	(.5457)	.3562	(.1403)	1.4349	(.5649)	.3379	(.1330)	JUN-1
2	2.6774	(1.0541)	53062315	1.6808	(.6617)	.3297	(.1298)	1.7997	(.7085)	.3996	(.1573)	2
JUL-1	3.0587	(1.2042)	60070812	2.0495	(.8069)	.3583	(.1411)	2.1158	(.8330)	.4188	(.1649)	JUL-1
2	3.1864	(1.2545)	52072915	2.4032	(.9461)	.3431	(.1351)	2.6342	(1.0371)	.3680	(.1449)	2
AUG-1	3.3614	(1.3234)	58080100	2.5751	(1.0138)	.4550	(.1792)	2.7107	(1.0672)	.4483	(.1765)	AUG-1
2	3.3289	(1.3106)	53081603	2.1773	(.8572)	.5240	(.2063)	2.1564	(.8490)	.5437	(.2141)	2
SEP-1	2.9916	(1.1778)	59090200	1.9693	(.7753)	.4249	(.1673)	2.0123	(.7922)	.3784	(.1490)	SEP-1
2	2.3345	(.9191)	62092500	1.7099	(.6732)	.3497	(.1377)	1.7041	(.6709)	.2952	(.1162)	2
OCT-1	2.2766	(.8963)	68100212	1.4582	(.5741)	.2725	(.1073)	1.4935	(.5880)	.2866	(.1128)	OCT-1
2	2.2484	(.8852)	52101715	1.3270	(.5224)	.2796	(.1101)	1.4456	(.5691)	.3269	(.1287)	2
NOV-1	1.7173	(.6761)	64110700	1.1870	(.4673)	.2797	(.1101)	1.0209	(.4019)	.2275	(.0896)	NOV-1
2	1.8275	(.7195)	61112512	1.0482	(.4127)	.3280	(.1291)	1.0584	(.4167)	.4094	(.1612)	2
DEC-1	1.9835	(.7809)	67120112	.9627	(.3790)	.2707	(.1066)	.9725	(.3829)	.3108	(.1224)	DEC-1
2	2.0437	(.8046)	55121903	1.0034	(.3950)	.3644	(.1435)	.9971	(.3926)	.2953	(.1162)	2
				SURFACE TO 850MB								
JAN-1	.9649	(.3799)	59010812	.5769	(.2271)	.1681	(.0662)	.5641	(.2221)	.1926	(.0758)	JAN-1
2	.8148	(.3208)	68012912	.5686	(.2239)	.1137	(.0448)	.5674	(.2234)	.1290	(.0508)	2
FEB-1	.7343	(.2891)	57020403	.5004	(.1970)	.1013	(.0399)	.5083	(.2001)	.0960	(.0378)	FEB-1
2	.9294	(.3659)	56021903	.5336	(.2101)	.1467	(.0578)	.4768	(.1877)	.1096	(.0432)	2
MAR-1	.8481	(.3339)	66030500	.5052	(.1989)	.1456	(.0573)	.5352	(.2107)	.1522	(.0599)	MAR-1
2	.7785	(.3065)	67031912	.5466	(.2152)	.0981	(.0386)	.5618	(.2212)	.1217	(.0479)	2
APR-1	.9009	(.3547)	63041100	.6015	(.2368)	.1180	(.0465)	.6011	(.2366)	.1442	(.0568)	APR-1
2	1.0317	(.4062)	61042612	.6436	(.2534)	.1606	(.0632)	.6522	(.2568)	.1780	(.0701)	2
MAY-1	1.2093	(.4761)	63050412	.7279	(.2866)	.1815	(.0715)	.7328	(.2885)	.2055	(.0809)	MAY-1
2	1.3543	(.5332)	62053100	.7610	(.2996)	.2094	(.0824)	.7423	(.2922)	.1651	(.0650)	2
JUN-1	1.3134	(.5171)	61061512	.7746	(.3049)	.1736	(.0683)	.8137	(.3204)	.1772	(.0698)	JUN-1
2	1.3368	(.5263)	50062815	.9604	(.3781)	.1639	(.0645)	1.0009	(.3941)	.1807	(.0712)	2
JUL-1	1.7496	(.6888)	60070812	1.0941	(.4307)	.1797	(.0708)	1.1331	(.4461)	.2248	(.0885)	JUL-1
2	1.7706	(.6971)	50072003	1.3550	(.5335)	.2413	(.0950)	1.4429	(.5681)	.2214	(.0872)	2
AUG-1	1.8331	(.7217)	58080100	1.4059	(.5535)	.2671	(.1052)	1.5009	(.5909)	.2537	(.0999)	AUG-1
2	1.7907	(.7050)	69082000	1.2397	(.4881)	.2726	(.1073)	1.2044	(.4742)	.2811	(.1107)	2
SEP-1	1.6124	(.6348)	66090512	1.1066	(.4357)	.2323	(.0915)	1.1057	(.4353)	.2196	(.0865)	SEP-1
2	1.4481	(.5701)	55092415	.9778	(.3850)	.1682	(.0662)	.9929	(.3909)	.1685	(.0664)	2
OCT-1	1.2314	(.4848)	60100212	.8591	(.3382)	.1132	(.0446)	.8931	(.3516)	.1496	(.0589)	OCT-1
2	1.3833	(.5446)	52101703	.7752	(.3052)	.1884	(.0742)	.8210	(.3232)	.1599	(.0630)	2
NOV-1	.8783	(.3458)	66111300	.6728	(.2649)	.1087	(.0428)	.6073	(.2391)	.1097	(.0432)	NOV-1
2	1.0798	(.4251)	50112703	.6104	(.2403)	.1728	(.0680)	.6125	(.2411)	.2011	(.0792)	2
DEC-1	1.1110	(.4374)	67120112	.5674	(.2234)	.1405	(.0553)	.5783	(.2277)	.1632	(.0643)	DEC-1
2	1.0886	(.4286)	55121903	.5722	(.2253)	.1861	(.0732)	.5685	(.2238)	.1634	(.0643)	2

YAKUTAT, ALASKA — 20 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.8303	(.7206)	60010500	1.2973	(.5107)	.3343	(.1316)	1.3177	(.5188)	.2339	(.0921)	JAN-1
2	1.9187	(.7554)	62013012	1.2632	(.4973)	.3746	(.1475)	1.3063	(.5143)	.3462	(.1363)	2
FEB-1	2.0455	(.8053)	68020900	1.2746	(.5018)	.3102	(.1221)	1.3289	(.5232)	.3055	(.1203)	FEB-1
2	2.2814	(.8982)	68022700	1.2859	(.5063)	.3577	(.1408)	1.2331	(.4855)	.3069	(.1208)	2
MAR-1	1.9627	(.7727)	65031000	1.2177	(.4794)	.3287	(.1294)	1.2798	(.5038)	.2915	(.1147)	MAR-1
2	1.7168	(.6759)	51031903	1.2123	(.4773)	.2630	(.1035)	1.3339	(.5252)	.2335	(.0919)	2
APR-1	1.6401	(.6457)	66040312	1.2644	(.4978)	.1612	(.0635)	1.2716	(.5006)	.1572	(.0619)	APR-1
2	1.9456	(.7660)	61042612	1.3702	(.5394)	.3119	(.1228)	1.4371	(.5658)	.2556	(.1006)	2
MAY-1	2.4508	(.9649)	59051500	1.6665	(.6561)	.2842	(.1119)	1.6741	(.6591)	.2525	(.0994)	MAY-1
2	2.4762	(.9749)	68052112	1.8440	(.7260)	.2156	(.0849)	1.8677	(.7353)	.2884	(.1135)	2
JUN-1	2.8313	(1.1147)	50061515	2.0805	(.8191)	.3270	(.1287)	2.1378	(.8417)	.3414	(.1344)	JUN-1
2	3.2451	(1.2776)	50061603	2.3216	(.9140)	.3388	(.1334)	2.3601	(.9292)	.3232	(.1273)	2
JUL-1	3.2885	(1.2947)	52071315	2.4881	(.9795)	.3184	(.1253)	2.6348	(1.0373)	.3129	(.1232)	JUL-1
2	3.3409	(1.3153)	60072900	2.7576	(1.0857)	.3038	(.1196)	2.7544	(1.0844)	.2648	(.1043)	2
AUG-1	3.7219	(1.4653)	53080303	2.7557	(1.0849)	.4082	(.1607)	2.8615	(1.1266)	.3896	(.1534)	AUG-1
2	4.1938	(1.6511)	54082415	2.6960	(1.0614)	.3946	(.1553)	2.8606	(1.1262)	.4439	(.1748)	2
SEP-1	3.7823	(1.4891)	56091115	2.7080	(1.0661)	.4784	(.1884)	2.5180	(.9913)	.4537	(.1786)	SEP-1
2	3.2982	(1.2985)	67091712	2.3651	(.9311)	.3891	(.1532)	2.4735	(.9738)	.4626	(.1821)	2
OCT-1	2.6325	(1.0364)	69100400	2.0745	(.8167)	.3505	(.1380)	2.0130	(.7925)	.3090	(.1217)	OCT-1
2	2.6833	(1.0564)	52101915	1.7589	(.6925)	.3445	(.1356)	1.6949	(.6673)	.3795	(.1494)	2
NOV-1	2.3132	(.9107)	57110200	1.5928	(.6271)	.2941	(.1158)	1.5942	(.6277)	.2701	(.1063)	NOV-1
2	2.5936	(1.0211)	67112112	1.4706	(.5790)	.3251	(.1280)	1.5209	(.5988)	.3962	(.1560)	2
DEC-1	2.1293	(.8383)	63121200	1.4526	(.5719)	.3148	(.1239)	1.4792	(.5824)	.3457	(.1361)	DEC-1
2	2.0775	(.8179)	67122912	1.3367	(.5263)	.3493	(.1375)	1.4260	(.5614)	.3350	(.1319)	2
				SURFACE TO 700MB								
JAN-1	1.4234	(.5604)	60010500	1.0091	(.3973)	.2237	(.0881)	1.0040	(.3953)	.1844	(.0726)	JAN-1
2	1.4856	(.5849)	62013012	.9847	(.3877)	.2534	(.0998)	.9899	(.3897)	.2158	(.0850)	2
FEB-1	1.5245	(.6002)	68020900	.9958	(.3920)	.2106	(.0829)	1.0129	(.3988)	.1811	(.0713)	FEB-1
2	1.7109	(.6736)	68022700	1.0033	(.3950)	.2332	(.0918)	.9544	(.3757)	.2128	(.0838)	2
MAR-1	1.4333	(.5643)	65031000	.9641	(.3796)	.2204	(.0868)	.9700	(.3819)	.1924	(.0757)	MAR-1
2	1.2774	(.5029)	51031903	.9560	(.3764)	.1835	(.0723)	.9910	(.3902)	.1569	(.0618)	2
APR-1	1.2215	(.4809)	66040312	.9965	(.3923)	.1046	(.0412)	.9780	(.3850)	.0992	(.0391)	APR-1
2	1.4379	(.5661)	65042600	1.0319	(.4063)	.2003	(.0789)	1.0870	(.4280)	.1938	(.0763)	2
MAY-1	1.7699	(.6968)	59051500	1.2935	(.5093)	.1666	(.0656)	1.2637	(.4975)	.1785	(.0703)	MAY-1
2	1.8217	(.7172)	69052512	1.4099	(.5551)	.1457	(.0574)	1.3969	(.5500)	.1946	(.0766)	2
JUN-1	2.0861	(.8213)	50061503	1.5889	(.6256)	.2164	(.0852)	1.6085	(.6333)	.1870	(.0736)	JUN-1
2	2.2631	(.8910)	50061603	1.7521	(.6898)	.2383	(.0938)	1.7890	(.7043)	.2073	(.0816)	2
JUL-1	2.3508	(.9255)	52071315	1.9053	(.7501)	.2104	(.0828)	1.9940	(.7850)	.1807	(.0711)	JUL-1
2	2.4821	(.9772)	58072800	2.0918	(.8235)	.2216	(.0872)	2.0680	(.8142)	.1850	(.0728)	2
AUG-1	2.8263	(1.1127)	53080403	2.1086	(.8301)	.2734	(.1076)	2.0913	(.8233)	.2568	(.1011)	AUG-1
2	2.6716	(1.0518)	54082415	2.0615	(.8116)	.2378	(.0936)	2.1191	(.8343)	.2376	(.0936)	2
SEP-1	2.6022	(1.0245)	56091303	2.0438	(.8046)	.2943	(.1159)	1.9076	(.7510)	.2572	(.1013)	SEP-1
2	2.3089	(.9090)	67091712	1.7961	(.7071)	.2860	(.1126)	1.8626	(.7333)	.2624	(.1033)	2
OCT-1	1.9253	(.7580)	59100200	1.6103	(.6340)	.2316	(.0912)	1.5420	(.6071)	.2049	(.0807)	OCT-1
2	1.9677	(.7747)	52101915	1.3705	(.5396)	.2323	(.0914)	1.3362	(.5261)	.2617	(.1030)	2
NOV-1	1.8288	(.7200)	57110200	1.2617	(.4967)	.2323	(.0915)	1.2447	(.4901)	.1913	(.0753)	NOV-1
2	1.7945	(.7065)	67112112	1.1284	(.4443)	.2159	(.0850)	1.1409	(.4492)	.2380	(.0937)	2
DEC-1	1.4854	(.5848)	63121200	1.1012	(.4335)	.1788	(.0704)	1.0985	(.4325)	.2098	(.0826)	DEC-1
2	1.5184	(.5978)	67122912	1.0453	(.4115)	.2586	(.1018)	1.0854	(.4273)	.2331	(.0918)	2
				SURFACE TO 850MB								
JAN-1	.7899	(.3110)	63011412	.5900	(.2323)	.0964	(.0380)	.5867	(.2310)	.1008	(.0397)	JAN-1
2	.8174	(.3218)	62013012	.5832	(.2296)	.1164	(.0458)	.5923	(.2332)	.1223	(.0481)	2
FEB-1	.8044	(.3167)	54020515	.5981	(.2355)	.0952	(.0375)	.5940	(.2338)	.0878	(.0346)	FEB-1
2	.9456	(.3723)	68022700	.6181	(.2434)	.1182	(.0465)	.5964	(.2348)	.1179	(.0464)	2
MAR-1	.8588	(.3381)	65030912	.5943	(.2340)	.1145	(.0451)	.6043	(.2379)	.1208	(.0476)	MAR-1
2	.7483	(.2946)	62033000	.5924	(.2332)	.0972	(.0383)	.5897	(.2321)	.0853	(.0336)	2
APR-1	.7658	(.3015)	66040312	.6148	(.2420)	.0590	(.0232)	.5999	(.2362)	.0672	(.0265)	APR-1
2	.8339	(.3283)	65042600	.6394	(.2517)	.1052	(.0414)	.6635	(.2612)	.0910	(.0358)	2
MAY-1	1.0406	(.4097)	59051412	.7978	(.3141)	.0875	(.0345)	.7724	(.3041)	.0977	(.0385)	MAY-1
2	1.0696	(.4211)	69052512	.8563	(.3371)	.0869	(.0342)	.8434	(.3320)	.0952	(.0375)	2
JUN-1	1.1770	(.4634)	50061503	.9631	(.3792)	.1071	(.0422)	.9683	(.3812)	.0924	(.0364)	JUN-1
2	1.4318	(.5637)	50061703	1.0678	(.4204)	.1438	(.0566)	1.0982	(.4324)	.1082	(.0426)	2
JUL-1	1.3810	(.5437)	52071315	1.1836	(.4660)	.1047	(.0412)	1.1960	(.4709)	.1005	(.0396)	JUL-1
2	1.5334	(.6045)	58072800	1.2672	(.4989)	.1241	(.0489)	1.2584	(.4954)	.1078	(.0425)	2
AUG-1	1.6099	(.6338)	53080403	1.2787	(.5034)	.1347	(.0530)	1.2482	(.4914)	.1274	(.0502)	AUG-1
2	1.4785	(.5821)	51083015	1.2594	(.4958)	.1279	(.0503)	1.2351	(.4863)	.1156	(.0455)	2
SEP-1	1.5255	(.6006)	56091303	1.2197	(.4802)	.1485	(.0585)	1.1533	(.4541)	.1283	(.0505)	SEP-1
2	1.3579	(.5346)	51092103	1.0808	(.4255)	.1379	(.0543)	1.1050	(.4350)	.1543	(.0607)	2
OCT-1	1.1925	(.4695)	58100100	.9521	(.3748)	.1412	(.0556)	.9322	(.3670)	.1120	(.0441)	OCT-1
2	1.0663	(.4198)	52101915	.8214	(.3234)	.1227	(.0483)	.8144	(.3206)	.1335	(.0526)	2
NOV-1	1.1118	(.4377)	57110200	.7690	(.3028)	.1364	(.0537)	.7541	(.2969)	.1143	(.0450)	NOV-1
2	.9383	(.3694)	52112203	.6844	(.2694)	.1343	(.0529)	.6731	(.2650)	.1202	(.0473)	2
DEC-1	.7912	(.3115)	63120300	.6475	(.2549)	.0856	(.0337)	.6347	(.2499)	.1027	(.0404)	DEC-1
2	.8679	(.3417)	67122912	.6425	(.2529)	.1369	(.0539)	.6592	(.2595)	.1208	(.0476)	2

SHIP H (36°N 70°W) 5 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.6650	(1.4429)	53011103	3.0183	(1.1883)	.5218	(.2054)	3.0902	(1.2166)	.2415	(.0951)	JAN-1
2	3.4376	(1.3534)	52012315	3.0821	(1.2134)	.3961	(.1559)	3.0617	(1.2054)	.3500	(.1378)	2
FEB-1	3.6071	(1.4201)	53020815	2.8634	(1.1273)	.3945	(.1553)	2.7934	(1.0998)	.6457	(.2542)	FEB-1
2	3.6020	(1.4181)	50022315	2.6256	(1.0337)	.5522	(.2174)	2.8018	(1.1031)	.6327	(.2491)	2
MAR-1	3.6401	(1.4331)	53031403	3.0876	(1.2156)	.3441	(.1355)	2.6416	(1.0400)	.7170	(.2823)	MAR-1
2	3.7445	(1.4742)	50032915	3.0579	(1.2039)	.4584	(.1805)	3.3650	(1.3248)	.2977	(.1172)	2
APR-1	3.4887	(1.3735)	51041303	3.1651	(1.2461)	.3799	(.1496)	2.7548	(1.0846)	.7348	(.2893)	APR-1
2	3.6792	(1.4485)	53041915	3.2609	(1.2838)	.2458	(.0968)	3.3191	(1.3067)	.3735	(.1470)	2
MAY-1	4.4196	(1.7400)	50051215	3.5261	(1.3882)	.3804	(.1497)	3.7611	(1.4807)	.6545	(.2577)	MAY-1
2	4.3790	(1.7240)	50051603	3.9620	(1.5598)	.4571	(.1799)	4.0771	(1.6051)	.2447	(.0963)	2
JUN-1	4.6286	(1.8223)	54060503	3.9769	(1.5657)	.6108	(.2405)	4.0214	(1.5832)	.3832	(.1509)	JUN-1
2	5.4112	(2.1304)	49062515	4.5998	(1.8109)	.5033	(.1981)	4.9275	(1.9399)	.5339	(.2102)	2
JUL-1	5.4005	(2.1262)	53071215	4.7871	(1.8847)	.3843	(.1513)	5.0599	(1.9921)	.3173	(.1249)	JUL-1
2	5.3569	(2.1090)	53072503	5.2270	(2.0579)	.1527	(.0601)	5.2335	(2.0604)	.1031	(.0406)	2
AUG-1	5.6518	(2.2251)	49081415	5.2114	(2.0517)	.2510	(.0988)	5.1412	(2.0241)	.3564	(.1403)	AUG-1
2	5.7445	(2.2616)	49083115	4.6526	(1.8317)	.4873	(.1919)	5.0559	(1.9905)	.4909	(.1933)	2
SEP-1	5.5679	(2.1921)	50090315	4.8701	(1.9174)	.4576	(.1801)	5.0996	(2.0077)	.5475	(.2155)	SEP-1
2	5.2583	(2.0702)	51091815	4.8470	(1.9083)	.3620	(.1425)	4.6236	(1.8203)	.6256	(.2463)	2
OCT-1	5.2065	(2.0498)	51101115	4.2392	(1.6690)	.6648	(.2617)	4.5763	(1.8017)	.5118	(.2015)	OCT-1
2	4.9093	(1.9328)	49101603	4.1640	(1.6394)	.5232	(.2060)	4.1392	(1.6296)	.3578	(.1409)	2
NOV-1	4.6383	(1.8261)	49110203	3.7867	(1.4908)	.5565	(.2191)	3.7030	(1.4579)	.5451	(.2146)	NOV-1
2	3.7104	(1.4608)	53112515	3.0867	(1.2152)	.4552	(.1792)	2.7803	(1.0946)	.6079	(.2393)	2
DEC-1	3.6525	(1.4380)	53121403	3.0519	(1.2015)	.4888	(.1924)	2.8593	(1.1257)	.4412	(.1737)	DEC-1
2	4.1580	(1.6370)	51122215	3.1559	(1.2425)	.1029	(.0405)	3.1969	(1.2586)	.7100	(.2795)	2
				SURFACE TO 700MB								
JAN-1	2.9185	(1.1490)	53011103	2.4479	(.9637)	.3438	(.1354)	2.4787	(.9759)	.3099	(.1220)	JAN-1
2	2.7793	(1.0942)	54012203	2.4588	(.9680)	.2832	(.1115)	2.5720	(1.0126)	.1787	(.0704)	2
FEB-1	2.9431	(1.1587)	53020815	2.3114	(.9100)	.3290	(.1295)	2.2827	(.8987)	.4847	(.1908)	FEB-1
2	2.8664	(1.1285)	53022203	2.2189	(.8736)	.4671	(.1839)	2.3730	(.9343)	.3584	(.1411)	2
MAR-1	2.8491	(1.1217)	54031415	2.5394	(.9997)	.1975	(.0778)	2.3539	(.9267)	.3310	(.1303)	MAR-1
2	2.8364	(1.1167)	53032503	2.4993	(.9840)	.2833	(.1115)	2.6285	(1.0349)	.2453	(.0966)	2
APR-1	2.8318	(1.1149)	51041303	2.6722	(1.0521)	.1908	(.0751)	2.1954	(.8643)	.4905	(.1931)	APR-1
2	3.0579	(1.2039)	51043015	2.7103	(1.0670)	.2533	(.0997)	2.7286	(1.0743)	.2403	(.0946)	2
MAY-1	3.5545	(1.3994)	54051515	3.0427	(1.1979)	.2202	(.0867)	3.0025	(1.1821)	.4388	(.1727)	MAY-1
2	3.6769	(1.4476)	53052703	3.2816	(1.2920)	.3015	(.1187)	3.2207	(1.2680)	.2369	(.0933)	2
JUN-1	3.7081	(1.4599)	54060503	3.1996	(1.2597)	.3972	(.1564)	3.2562	(1.2820)	.2888	(.1137)	JUN-1
2	4.3866	(1.7270)	52062815	3.8314	(1.5084)	.3117	(.1227)	3.9696	(1.5628)	.3854	(.1517)	2
JUL-1	4.2918	(1.6897)	53070803	3.8981	(1.5347)	.2987	(.1176)	4.0399	(1.5905)	.1192	(.0469)	JUL-1
2	4.4859	(1.7661)	52072415	4.2015	(1.6541)	.2096	(.0825)	4.2636	(1.6786)	.2103	(.0828)	2
AUG-1	4.3190	(1.7004)	53080703	4.1545	(1.6356)	.1038	(.0408)	4.0506	(1.5947)	.2310	(.0910)	AUG-1
2	4.4790	(1.7634)	49083115	3.9055	(1.5376)	.2200	(.0866)	4.0183	(1.5820)	.3041	(.1197)	2
SEP-1	4.2078	(1.6566)	50090315	3.8845	(1.5293)	.2121	(.0835)	4.0091	(1.5784)	.1737	(.0684)	SEP-1
2	4.1402	(1.6300)	51091815	3.7594	(1.4801)	.3065	(.1207)	3.7195	(1.4644)	.3575	(.1407)	2
OCT-1	3.9187	(1.5428)	53100603	3.6182	(1.4245)	.3383	(.1332)	3.5571	(1.4004)	.3575	(.1408)	OCT-1
2	3.7175	(1.4636)	49101803	3.2532	(1.2808)	.3045	(.1199)	3.3178	(1.3062)	.2021	(.0796)	2
NOV-1	3.6647	(1.4428)	49110203	3.1185	(1.2278)	.4388	(.1728)	3.1307	(1.2326)	.4588	(.1806)	NOV-1
2	3.4267	(1.3491)	51111715	2.7217	(1.0715)	.4786	(.1884)	2.7154	(1.0691)	.4399	(.1732)	2
DEC-1	3.0549	(1.2027)	53121303	2.4534	(.9659)	.4019	(.1582)	2.4884	(.9797)	.4164	(.1639)	DEC-1
2	3.1344	(1.2340)	51122215	2.6735	(1.0525)	.3303	(.1300)	2.6828	(1.0562)	.4199	(.1653)	2
				SURFACE TO 850MB								
JAN-1	1.8755	(.7384)	53011015	1.6050	(.6319)	.1541	(.0607)	1.6725	(.6585)	.1967	(.0774)	JAN-1
2	1.8194	(.7163)	50011615	1.6076	(.6329)	.1412	(.0556)	1.6577	(.6526)	.1118	(.0440)	2
FEB-1	1.8476	(.7274)	51020215	1.5371	(.6051)	.1819	(.0716)	1.5629	(.6153)	.3071	(.1209)	FEB-1
2	1.8270	(.7193)	53022203	1.4771	(.5815)	.2902	(.1142)	1.5014	(.5911)	.1794	(.0706)	2
MAR-1	1.7221	(.6780)	50031403	1.6257	(.6400)	.1085	(.0427)	1.4948	(.5885)	.1857	(.0731)	MAR-1
2	1.8346	(.7223)	52032515	1.6081	(.6331)	.1640	(.0646)	1.7073	(.6722)	.1352	(.0532)	2
APR-1	1.8986	(.7475)	54040903	1.7409	(.6854)	.1034	(.0407)	1.4976	(.5896)	.2540	(.1000)	APR-1
2	1.9398	(.7637)	51043015	1.8096	(.7124)	.1049	(.0413)	1.7870	(.7035)	.0893	(.0352)	2
MAY-1	2.1803	(.8584)	50050703	1.9956	(.7856)	.1505	(.0592)	1.9500	(.7677)	.1448	(.0570)	MAY-1
2	2.3381	(.9205)	53052315	2.0761	(.8174)	.2197	(.0865)	2.1054	(.8289)	.1391	(.0547)	2
JUN-1	2.4211	(.9532)	53061103	2.1336	(.8400)	.2695	(.1061)	2.0775	(.8179)	.1835	(.0722)	JUN-1
2	2.8044	(1.1041)	52062815	2.5223	(.9930)	.1686	(.0664)	2.5672	(1.0107)	.2053	(.0808)	2
JUL-1	2.7539	(1.0842)	53070215	2.5046	(.9861)	.1626	(.0640)	2.5532	(1.0052)	.1389	(.0547)	JUL-1
2	3.1062	(1.2229)	49072315	2.7269	(1.0736)	.1930	(.0760)	2.8136	(1.1077)	.1990	(.0784)	2
AUG-1	2.7838	(1.0960)	53080715	2.6819	(1.0559)	.0488	(.0192)	2.6236	(1.0329)	.1445	(.0569)	AUG-1
2	2.8230	(1.1114)	49083115	2.5332	(.9973)	.1180	(.0465)	2.5961	(1.0221)	.1291	(.0508)	2
SEP-1	2.7462	(1.0812)	50090415	2.4855	(.9785)	.0896	(.0353)	2.5110	(.9886)	.1446	(.0569)	SEP-1
2	2.7689	(1.0901)	51091915	2.3486	(.9247)	.1584	(.0624)	2.3942	(.9426)	.2606	(.1026)	2
OCT-1	2.4554	(.9667)	50100903	2.2005	(.8663)	.2218	(.0873)	2.2499	(.8858)	.1121	(.0441)	OCT-1
2	2.3538	(.9267)	52101603	2.1080	(.8299)	.2287	(.0900)	2.0979	(.8259)	.1195	(.0471)	2
NOV-1	2.2502	(.8859)	49110103	1.9734	(.7769)	.2774	(.1092)	1.9332	(.7611)	.2810	(.1106)	NOV-1
2	2.1232	(.8359)	51111703	1.7821	(.7016)	.2540	(.1000)	1.7602	(.6930)	.1957	(.0771)	2
DEC-1	1.9746	(.7774)	53120615	1.6368	(.6444)	.2993	(.1178)	1.6747	(.6593)	.2396	(.0943)	DEC-1
2	2.0348	(.8011)	49122315	1.6766	(.6601)	.2255	(.0888)	1.6770	(.6602)	.2690	(.1059)	2

SHIP H (38°N 71°W) 3 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	MAXIMUM (IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	12Z(15Z) MEAN CM.	MEAN (IN.)	SD CM.	SD (IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.1102	(1.6182)	72010512	3.1740	(1.2496)	.9523	(.3749)	3.6534	(1.4383)	.6460	(.2543)	JAN-1
2	3.2885	(1.2947)	72012312	2.5587	(1.0074)	.7682	(.3024)	3.1730	(1.2492)	.1634	(.0643)	2
FEB-1	3.9228	(1.5444)	71020900	3.6299	(1.4291)	.4142	(.1631)	2.5815	(1.0163)	.3597	(.1416)	FEB-1
2	3.3312	(1.3115)	71022312	2.3370	(.9201)	.5926	(.2333)	2.6988	(1.0625)	.9840	(.3874)	2
MAR-1	3.1910	(1.2563)	71030400	2.9952	(1.1792)	.2411	(.0949)	2.8858	(1.1361)	.0434	(.0171)	MAR-1
2	3.3076	(1.3022)	70032700	3.0073	(1.1840)	.2843	(.1119)	2.9715	(1.1699)	.2520	(.0992)	2
APR-1	3.3581	(1.3221)	70040212	.9642	(.3796)	.6380	(.2512)	1.9210	(.7563)	2.0324	(.8002)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUL-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUL-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
AUG-1	5.4633	(2.1509)	70081400	4.6082	(1.8142)	.7483	(.2946)	4.7711	(1.8784)	.2849	(.1122)	AUG-1
2	5.5390	(2.1807)	71082812	4.6596	(1.8345)	.0974	(.0383)	5.1451	(2.0256)	.4985	(.1962)	2
SEP-1	5.2603	(2.0710)	72090212	4.7296	(1.8621)	.3988	(.1570)	4.3302	(1.7048)	.9557	(.3763)	SEP-1
2	4.9431	(1.9461)	71093012	4.3183	(1.7001)	.2989	(.1177)	4.3064	(1.6955)	.9004	(.3545)	2
OCT-1	4.6546	(1.8325)	71100312	3.2274	(1.2706)	1.2974	(.5108)	3.5800	(1.4094)	.9376	(.3691)	OCT-1
2	4.4450	(1.7500)	71102412	4.2165	(1.6600)	.1522	(.0599)	4.0278	(1.5857)	.3613	(.1423)	2
NOV-1	4.5611	(1.7957)	71110400	3.6512	(1.4375)	.8266	(.3254)	3.5758	(1.4078)	.0414	(.0163)	NOV-1
2	3.6761	(1.4473)	72112012	2.9939	(1.1787)	.3504	(.1379)	3.0960	(1.2189)	.7556	(.2975)	2
DEC-1	4.0749	(1.6043)	72121012	3.5392	(1.3934)	.7616	(.2999)	3.3460	(1.3173)	.7540	(.2969)	DEC-1
2	4.2421	(1.6701)	72122300	3.6583	(1.4403)	.5072	(.1997)	3.1521	(1.2410)	.5913	(.2328)	2
				SURFACE TO 700MB								
JAN-1	2.9634	(1.1667)	72011412	2.5234	(.9934)	.5990	(.2358)	2.7283	(1.0741)	.3324	(.1309)	JAN-1
2	2.3625	(.9301)	72012312	1.9134	(.7533)	.4914	(.1935)	2.3244	(.9151)	.0539	(.0212)	2
FEB-1	2.8227	(1.1113)	71020900	2.5349	(.9980)	.4070	(.1602)	1.9092	(.7516)	.4014	(.1580)	FEB-1
2	2.6114	(1.0281)	71022312	1.8293	(.7202)	.7451	(.2933)	1.9919	(.7842)	.8293	(.3265)	2
MAR-1	2.3622	(.9300)	72030400	2.2729	(.8948)	.1512	(.0595)	2.2732	(.8950)	.0700	(.0276)	MAR-1
2	2.6426	(1.0404)	70032300	2.2322	(.8788)	.3924	(.1545)	2.3214	(.9139)	.1212	(.0477)	2
APR-1	2.7371	(1.0776)	70040212	.8241	(.3245)	.5171	(.2036)	1.5613	(.6147)	1.6628	(.6546)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUL-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUL-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
AUG-1	3.9614	(1.5596)	70081400	3.6350	(1.4311)	.3370	(.1327)	3.6999	(1.4567)	.1905	(.0750)	AUG-1
2	3.9708	(1.5633)	71082812	3.6474	(1.4360)	.0490	(.0193)	3.7896	(1.4920)	.1841	(.0725)	2
SEP-1	4.0726	(1.6034)	70090500	3.8103	(1.5001)	.2644	(.1041)	3.4167	(1.3452)	.6040	(.2378)	SEP-1
2	3.8517	(1.5164)	71093012	3.5819	(1.4102)	.1825	(.0718)	3.6091	(1.4209)	.3430	(.1351)	2
OCT-1	3.6840	(1.4504)	71100512	2.6259	(1.0338)	1.1080	(.4362)	2.9162	(1.1481)	.7121	(.2804)	OCT-1
2	3.4226	(1.3475)	71102900	3.2718	(1.2881)	.1775	(.0699)	3.0417	(1.1975)	.2128	(.0838)	2
NOV-1	3.2461	(1.2780)	71110400	2.8311	(1.1146)	.4235	(.1667)	2.6465	(1.0419)	.0248	(.0098)	NOV-1
2	2.7181	(1.0701)	71113000	2.3182	(.9127)	.3925	(.1545)	2.3600	(.9291)	.3520	(.1386)	2
DEC-1	3.1981	(1.2591)	72121000	2.6686	(1.0506)	.6429	(.2531)	2.6060	(1.0260)	.5432	(.2138)	DEC-1
2	3.0076	(1.1841)	72122300	2.6779	(1.0543)	.2990	(.1177)	2.4649	(.9704)	.0996	(.0392)	2
				SURFACE TO 850MB								
JAN-1	1.8379	(.7236)	72011412	1.5436	(.6077)	.4034	(.1588)	1.6680	(.6567)	.2403	(.0946)	JAN-1
2	1.5712	(.6186)	72012300	1.2210	(.4807)	.4954	(.1950)	1.3969	(.5499)	.1151	(.0453)	2
FEB-1	1.6703	(.6576)	71020900	1.5136	(.5959)	.2216	(.0873)	1.1990	(.4720)	.2868	(.1129)	FEB-1
2	1.5088	(.5940)	71022312	1.1045	(.4348)	.4794	(.1887)	1.1850	(.4665)	.4883	(.1923)	2
MAR-1	1.6513	(.6501)	72030300	1.4146	(.5569)	.2200	(.0866)	1.3468	(.5302)	.2385	(.0939)	MAR-1
2	1.5613	(.6147)	70032300	1.3332	(.5249)	.2452	(.0965)	1.4061	(.5536)	.0985	(.0388)	2
APR-1	1.4780	(.5819)	70040212	.6110	(.2405)	.3192	(.1257)	.8838	(.3479)	.8404	(.3309)	APR-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
MAY-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	MAY-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUN-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUN-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
JUL-1	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JUL-1
2	0.0000	(0.0000)	0	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	2
AUG-1	2.4762	(.9749)	72080700	2.3260	(.9158)	.1641	(.0646)	2.3934	(.9423)	.0072	(.0028)	AUG-1
2	2.4910	(.9807)	71082000	2.4236	(.9542)	.0842	(.0332)	2.3480	(.9244)	.0928	(.0366)	2
SEP-1	2.5761	(1.0142)	70090500	2.3939	(.9425)	.2480	(.0976)	2.2635	(.8911)	.2298	(.0905)	SEP-1
2	2.4173	(.9517)	71092112	2.3688	(.9326)	.0050	(.0020)	2.3740	(.9346)	.0612	(.0241)	2
OCT-1	2.4059	(.9472)	71100100	1.8042	(.7103)	.6663	(.2623)	1.8807	(.7404)	.3725	(.1467)	OCT-1
2	2.1377	(.8416)	71102512	1.9796	(.7794)	.1148	(.0452)	1.8861	(.7426)	.2464	(.0970)	2
NOV-1	1.9413	(.7643)	71110400	1.7876	(.7038)	.1963	(.0773)	1.6776	(.6605)	.0549	(.0216)	NOV-1
2	1.6253	(.6399)	72112012	1.4915	(.5872)	.0654	(.0258)	1.4747	(.5806)	.1769	(.0696)	2
DEC-1	2.1346	(.8404)	72121000	1.7835	(.7022)	.4397	(.1731)	1.6216	(.6384)	.4164	(.1639)	DEC-1
2	2.0155	(.7935)	72122300	1.6850	(.6634)	.2952	(.1162)	1.6952	(.6674)	.2531	(.0996)	2

SHIP N 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.3442	(1.7103)	56011415	2.8252	(1.1123)	.6219	(.2448)	2.9867	(1.1759)	.6848	(.2696)	JAN-1
2	4.0688	(1.6019)	59011612	3.0826	(1.2136)	.5638	(.2220)	3.2049	(1.2618)	.4289	(.1689)	2
FEB-1	4.5189	(1.7791)	63020200	3.1049	(1.2224)	.5830	(.2295)	3.0584	(1.2041)	.6043	(.2379)	FEB-1
2	3.7628	(1.4814)	68021612	2.6090	(1.0272)	.5978	(.2354)	2.7106	(1.0672)	.6288	(.2476)	2
MAR-1	3.8580	(1.5189)	61030300	2.5540	(1.0055)	.5427	(.2136)	2.6114	(1.0281)	.4234	(.1667)	MAR-1
2	4.1092	(1.6178)	71032312	2.8268	(1.1129)	.4982	(.1962)	2.8461	(1.1205)	.5497	(.2164)	2
APR-1	3.4902	(1.3741)	59040812	2.5156	(.9904)	.4619	(.1819)	2.6937	(1.0605)	.4019	(.1582)	APR-1
2	3.7991	(1.4957)	65041812	2.7964	(1.1009)	.5685	(.2238)	2.8245	(1.1120)	.5272	(.2076)	2
MAY-1	3.8163	(1.5025)	54050203	2.7930	(1.0996)	.4592	(.1808)	2.8115	(1.1069)	.5096	(.2006)	MAY-1
2	4.0950	(1.6122)	57053003	2.9226	(1.1506)	.4838	(.1905)	2.9965	(1.1797)	.4319	(.1700)	2
JUN-1	4.2382	(1.6686)	53060615	3.0365	(1.1955)	.4956	(.1951)	3.2935	(1.2966)	.5182	(.2040)	JUN-1
2	4.1570	(1.6366)	60061712	3.0834	(1.2139)	.4689	(.1846)	3.2461	(1.2780)	.4120	(.1622)	2
JUL-1	3.9637	(1.5605)	59071100	3.1566	(1.2428)	.4700	(.1850)	3.2799	(1.2913)	.3176	(.1250)	JUL-1
2	3.9799	(1.5669)	58072612	3.0010	(1.1815)	.4724	(.1860)	3.2105	(1.2640)	.3695	(.1455)	2
AUG-1	4.7076	(1.8534)	59080700	3.1647	(1.2459)	.5063	(.1993)	3.2684	(1.2868)	.4813	(.1895)	AUG-1
2	4.6020	(1.8118)	56082215	3.3934	(1.3360)	.5750	(.2264)	3.5181	(1.3851)	.4746	(.1868)	2
SEP-1	4.1783	(1.6450)	51090715	3.3343	(1.3127)	.4431	(.1744)	3.4206	(1.3467)	.3834	(.1510)	SEP-1
2	4.3840	(1.7260)	50092303	3.3246	(1.3089)	.5037	(.1983)	3.4244	(1.3482)	.4451	(.1752)	2
OCT-1	4.5928	(1.8082)	68101212	3.4981	(1.3772)	.4557	(.1794)	3.4827	(1.3711)	.4535	(.1785)	OCT-1
2	4.2034	(1.6549)	65102212	3.2541	(1.2812)	.4841	(.1906)	3.3664	(1.3254)	.4589	(.1807)	2
NOV-1	4.3137	(1.6983)	65111212	3.2121	(1.2646)	.5059	(.1992)	3.3580	(1.3220)	.4864	(.1915)	NOV-1
2	4.4054	(1.7344)	50111915	3.0891	(1.2162)	.5134	(.2021)	3.1393	(1.2359)	.5302	(.2087)	2
DEC-1	4.7836	(1.8833)	50120503	3.1038	(1.2220)	.6987	(.2751)	3.0648	(1.2066)	.6801	(.2678)	DEC-1
2	4.7394	(1.8659)	55122215	3.0966	(1.2191)	.6254	(.2462)	3.0688	(1.2082)	.6974	(.2746)	2
				SURFACE TO 700MB								
JAN-1	3.2210	(1.2681)	56011415	2.3111	(.9099)	.3993	(.1572)	2.4449	(.9626)	.4261	(.1678)	JAN-1
2	3.1933	(1.2572)	65011900	2.4639	(.9700)	.3639	(.1433)	2.5577	(1.0070)	.2741	(.1079)	2
FEB-1	3.3462	(1.3174)	63021100	2.5073	(.9871)	.4057	(.1597)	2.4346	(.9585)	.3975	(.1565)	FEB-1
2	3.0879	(1.2157)	68022912	2.1501	(.8465)	.3920	(.1543)	2.2404	(.8820)	.4317	(.1699)	2
MAR-1	3.4328	(1.3515)	61030300	2.1157	(.8330)	.4457	(.1755)	2.1890	(.8618)	.3160	(.1244)	MAR-1
2	3.0526	(1.2018)	71032312	2.2686	(.8931)	.3377	(.1329)	2.2964	(.9041)	.3468	(.1366)	2
APR-1	2.8992	(1.1414)	72040112	2.0713	(.8155)	.3435	(.1352)	2.2068	(.8688)	.3188	(.1255)	APR-1
2	2.9134	(1.1470)	58042700	2.2707	(.8940)	.4152	(.1635)	2.2612	(.8902)	.3382	(.1332)	2
MAY-1	3.0973	(1.2194)	54050203	2.2448	(.8838)	.3281	(.1292)	2.3740	(.9346)	.3745	(.1475)	MAY-1
2	3.1801	(1.2520)	57053003	2.3954	(.9431)	.3382	(.1331)	2.4706	(.9727)	.2980	(.1173)	2
JUN-1	3.4389	(1.3539)	68060312	2.4705	(.9726)	.3546	(.1396)	2.6945	(1.0608)	.3732	(.1469)	JUN-1
2	3.1339	(1.2338)	52062215	2.5304	(.9962)	.3319	(.1307)	2.6270	(1.0342)	.3332	(.1312)	2
JUL-1	3.3317	(1.3117)	59071012	2.6453	(1.0415)	.3566	(.1404)	2.7379	(1.0779)	.2563	(.1009)	JUL-1
2	3.3868	(1.3334)	58072700	2.5342	(.9977)	.3474	(.1368)	2.6617	(1.0479)	.2750	(.1083)	2
AUG-1	3.6670	(1.4437)	59080612	2.6486	(1.0428)	.3299	(.1299)	2.7620	(1.0874)	.3573	(.1407)	AUG-1
2	3.5903	(1.4135)	56082215	2.8382	(1.1174)	.3936	(.1549)	2.9572	(1.1642)	.3042	(.1198)	2
SEP-1	3.4404	(1.3545)	55091503	2.8146	(1.1081)	.3517	(.1385)	2.8926	(1.1388)	.2636	(.1038)	SEP-1
2	3.8865	(1.5301)	63092412	2.7766	(1.0931)	.3448	(.1358)	2.9315	(1.1541)	.3241	(.1276)	2
OCT-1	3.6419	(1.4338)	62101300	2.8837	(1.1353)	.3238	(.1275)	2.9174	(1.1486)	.2811	(.1107)	OCT-1
2	3.3630	(1.3240)	60101712	2.7483	(1.0820)	.3542	(.1394)	2.8087	(1.1058)	.2822	(.1111)	2
NOV-1	3.2916	(1.2959)	62110312	2.6465	(1.0419)	.3445	(.1356)	2.7655	(1.0888)	.3488	(.1373)	NOV-1
2	3.3518	(1.3196)	54111903	2.5556	(1.0061)	.3326	(.1310)	2.6102	(1.0276)	.3145	(.1238)	2
DEC-1	3.4536	(1.3597)	58120112	2.5244	(.9939)	.4393	(.1730)	2.5259	(.9944)	.4328	(.1704)	DEC-1
2	3.5159	(1.3842)	72121812	2.4563	(.9670)	.4487	(.1767)	2.5037	(.9857)	.4725	(.1860)	2
				SURFACE TO 850MB								
JAN-1	1.9975	(.7864)	59011400	1.5622	(.6150)	.1984	(.0781)	1.6070	(.6327)	.2151	(.0847)	JAN-1
2	1.9634	(.7730)	70011800	1.6311	(.6422)	.1884	(.0742)	1.6633	(.6548)	.1364	(.0537)	2
FEB-1	2.0731	(.8162)	61020200	1.6050	(.6319)	.1893	(.0745)	1.5920	(.6268)	.2073	(.0816)	FEB-1
2	1.9045	(.7498)	68022012	1.4555	(.5730)	.1948	(.0767)	1.4993	(.5903)	.1870	(.0736)	2
MAR-1	1.7607	(.6932)	60031000	1.4145	(.5569)	.1568	(.0617)	1.4581	(.5741)	.1493	(.0588)	MAR-1
2	1.9185	(.7553)	71032312	1.4917	(.5873)	.1888	(.0743)	1.5148	(.5964)	.1750	(.0689)	2
APR-1	1.8837	(.7416)	72040112	1.4081	(.5544)	.1898	(.0747)	1.4784	(.5821)	.1603	(.0631)	APR-1
2	1.8821	(.7410)	62042900	1.5037	(.5920)	.2191	(.0863)	1.4939	(.5882)	.1298	(.0511)	2
MAY-1	1.8161	(.7150)	54050203	1.4889	(.5862)	.1504	(.0592)	1.5624	(.6151)	.1681	(.0662)	MAY-1
2	1.9357	(.7621)	68051712	1.6095	(.6337)	.1744	(.0687)	1.6277	(.6408)	.1393	(.0549)	2
JUN-1	2.1176	(.8337)	57061400	1.6783	(.6608)	.1788	(.0704)	1.7706	(.6971)	.1795	(.0707)	JUN-1
2	2.2860	(.9000)	69062600	1.7272	(.6800)	.2038	(.0802)	1.7694	(.6966)	.1738	(.0684)	2
JUL-1	2.1214	(.8352)	68071212	1.7747	(.6987)	.1478	(.0582)	1.8225	(.7175)	.1296	(.0510)	JUL-1
2	2.1229	(.8358)	70072112	1.7655	(.6951)	.1864	(.0734)	1.8296	(.7203)	.1228	(.0483)	2
AUG-1	2.1826	(.8593)	59080612	1.7978	(.7078)	.1681	(.0662)	1.8532	(.7296)	.1364	(.0537)	AUG-1
2	2.2687	(.8932)	68083012	1.9146	(.7538)	.2000	(.0788)	1.9516	(.7683)	.1429	(.0563)	2
SEP-1	2.2522	(.8867)	68091312	1.8807	(.7404)	.1770	(.0697)	1.9374	(.7627)	.1487	(.0585)	SEP-1
2	2.5530	(1.0051)	63092412	1.8532	(.7296)	.1521	(.0599)	1.9601	(.7717)	.1729	(.0681)	2
OCT-1	2.2418	(.8826)	67100612	1.8866	(.7427)	.1515	(.0597)	1.9444	(.7655)	.1517	(.0597)	OCT-1
2	2.1458	(.8448)	63102300	1.8015	(.7092)	.1692	(.0666)	1.8823	(.7411)	.1310	(.0516)	2
NOV-1	2.1506	(.8467)	68110712	1.7672	(.6957)	.1765	(.0695)	1.8198	(.7165)	.1680	(.0662)	NOV-1
2	2.0782	(.8182)	54111903	1.7210	(.6776)	.1546	(.0609)	1.7352	(.6831)	.1354	(.0533)	2
DEC-1	2.1069	(.8295)	58120200	1.6808	(.6617)	.1900	(.0748)	1.7164	(.6758)	.2084	(.0820)	DEC-1
2	2.2009	(.8665)	72121900	1.6213	(.6383)	.2286	(.0900)	1.6716	(.6581)	.2135	(.0841)	2

SHIP P — 26 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	3.2360	(1.2740)	47010115	1.9479	(.7669)	.5846	(.2302)	2.0951	(.8248)	.6143	(.2418)	JAN-1
2	3.2169	(1.2665)	63011812	1.9427	(.7648)	.4309	(.1696)	1.9322	(.7607)	.5248	(.2066)	2
FEB-1	3.0419	(1.1976)	47020403	2.0196	(.7951)	.3475	(.1368)	2.0007	(.7877)	.3903	(.1536)	FEB-1
2	2.8377	(1.1172)	61022800	1.8933	(.7454)	.3996	(.1573)	1.8337	(.7219)	.3612	(.1422)	2
MAR-1	2.7671	(1.0894)	49030315	1.9736	(.7770)	.4262	(.1678)	1.9027	(.7491)	.4917	(.1936)	MAR-1
2	2.9738	(1.1708)	52032403	1.7979	(.7078)	.4717	(.1857)	1.8104	(.7128)	.4656	(.1833)	2
APR-1	2.7318	(1.0755)	64040212	1.8405	(.7246)	.3083	(.1214)	1.9118	(.7527)	.3481	(.1370)	APR-1
2	2.7244	(1.0726)	57042515	2.0206	(.7955)	.2812	(.1107)	2.0446	(.8050)	.4168	(.1641)	2
MAY-1	3.0805	(1.2128)	64050612	2.1397	(.8424)	.4229	(.1665)	2.2609	(.8901)	.4067	(.1601)	MAY-1
2	3.5966	(1.4160)	58052600	2.4644	(.9702)	.5195	(.2045)	2.5289	(.9956)	.4300	(.1693)	2
JUN-1	3.8128	(1.5011)	63061000	2.7142	(1.0686)	.5237	(.2062)	2.6070	(1.0264)	.5877	(.2314)	JUN-1
2	3.4938	(1.3755)	67061700	2.6097	(1.0274)	.5513	(.2171)	2.7364	(1.0773)	.5178	(.2039)	2
JUL-1	4.2705	(1.6813)	52071303	3.0799	(1.2126)	.5470	(.2154)	3.1857	(1.2542)	.4547	(.1790)	JUL-1
2	4.2471	(1.6721)	58072500	3.2981	(1.2985)	.4780	(.1882)	3.4391	(1.3540)	.4010	(.1579)	2
AUG-1	4.2456	(1.6715)	61080712	3.3189	(1.3066)	.4120	(.1622)	3.4158	(1.3448)	.4997	(.1967)	AUG-1
2	4.6754	(1.8407)	49082115	3.6345	(1.4309)	.4498	(.1771)	3.5722	(1.4064)	.4269	(.1681)	2
SEP-1	4.3632	(1.7178)	49090215	3.3200	(1.3071)	.4485	(.1766)	3.4013	(1.3391)	.5349	(.2106)	SEP-1
2	4.6672	(1.8375)	61092012	3.1790	(1.2516)	.5885	(.2317)	3.1713	(1.2485)	.6022	(.2371)	2
OCT-1	3.7653	(1.4824)	70100912	2.6412	(1.0398)	.5529	(.2177)	2.7729	(1.0917)	.5147	(.2027)	OCT-1
2	3.7531	(1.4776)	57102112	2.6080	(1.0268)	.5501	(.2166)	2.4344	(.9584)	.6480	(.2551)	2
NOV-1	3.6464	(1.4356)	64111400	2.3625	(.9301)	.6016	(.2368)	2.4072	(.9477)	.4493	(.1769)	NOV-1
2	3.2824	(1.2923)	57112200	2.1940	(.8638)	.5785	(.2277)	2.1921	(.8630)	.5302	(.2088)	2
DEC-1	3.1128	(1.2255)	49121515	2.1336	(.8400)	.4584	(.1805)	2.1417	(.8432)	.5465	(.2152)	DEC-1
2	3.1460	(1.2386)	67122600	2.1168	(.8334)	.5462	(.2151)	2.1011	(.8272)	.4777	(.1881)	2
				SURFACE TO 700MB								
JAN-1	2.4158	(.9511)	71010800	1.4868	(.5853)	.4399	(.1732)	1.5678	(.6172)	.4645	(.1829)	JAN-1
2	2.2598	(.8897)	63011812	1.4688	(.5783)	.3067	(.1207)	1.4822	(.5836)	.3461	(.1362)	2
FEB-1	2.1814	(.8588)	47020403	1.5331	(.6036)	.2550	(.1004)	1.5192	(.5981)	.3081	(.1213)	FEB-1
2	2.1394	(.8423)	47022315	1.4496	(.5707)	.2735	(.1077)	1.4139	(.5567)	.2853	(.1123)	2
MAR-1	2.1026	(.8278)	64030700	1.4965	(.5892)	.3127	(.1231)	1.4619	(.5755)	.3644	(.1435)	MAR-1
2	2.1318	(.8393)	65032412	1.3513	(.5320)	.3098	(.1220)	1.3709	(.5397)	.3516	(.1384)	2
APR-1	1.9182	(.7552)	57040103	1.3955	(.5494)	.2243	(.0883)	1.4432	(.5682)	.2140	(.0842)	APR-1
2	2.4643	(.9702)	51042715	1.5350	(.6043)	.2213	(.0871)	1.5698	(.6180)	.3276	(.1290)	2
MAY-1	2.2329	(.8791)	64050612	1.6057	(.6322)	.2613	(.1029)	1.6832	(.6627)	.2848	(.1121)	MAY-1
2	2.7691	(1.0902)	58052600	1.8637	(.7337)	.3641	(.1433)	1.9135	(.7533)	.3229	(.1271)	2
JUN-1	2.7003	(1.0631)	63061000	2.0242	(.7969)	.3778	(.1488)	1.9240	(.7575)	.4046	(.1593)	JUN-1
2	2.6622	(1.0481)	49062415	1.9492	(.7674)	.3512	(.1383)	2.0303	(.7993)	.3539	(.1393)	2
JUL-1	3.1046	(1.2223)	52071315	2.3474	(.9242)	.3746	(.1475)	2.3702	(.9332)	.3585	(.1411)	JUL-1
2	3.0739	(1.2102)	71072412	2.5114	(.9887)	.2445	(.0963)	2.6100	(1.0276)	.3044	(.1199)	2
AUG-1	3.2812	(1.2918)	61080712	2.5113	(.9887)	.3099	(.1220)	2.5528	(1.0050)	.3470	(.1366)	AUG-1
2	3.3086	(1.3026)	49082115	2.6959	(1.0614)	.3067	(.1208)	2.6775	(1.0541)	.2895	(.1140)	2
SEP-1	3.2956	(1.2975)	49090215	2.5281	(.9953)	.2907	(.1144)	2.5848	(1.0176)	.3920	(.1543)	SEP-1
2	3.3558	(1.3212)	61092012	2.3815	(.9376)	.3912	(.1540)	2.3969	(.9436)	.4396	(.1731)	2
OCT-1	2.9205	(1.1498)	58100112	2.0683	(.8143)	.3685	(.1451)	2.0760	(.8173)	.4023	(.1584)	OCT-1
2	2.7795	(1.0943)	57102112	2.0189	(.7948)	.3853	(.1517)	1.8279	(.7196)	.4678	(.1842)	2
NOV-1	2.4729	(.9736)	64111400	1.8050	(.7106)	.4194	(.1651)	1.8248	(.7184)	.3427	(.1349)	NOV-1
2	2.3056	(.9077)	57112200	1.6201	(.6378)	.3880	(.1527)	1.6338	(.6432)	.3462	(.1363)	2
DEC-1	2.3086	(.9089)	49121515	1.6208	(.6381)	.3303	(.1301)	1.6362	(.6442)	.3912	(.1540)	DEC-1
2	2.3119	(.9102)	67122600	1.6062	(.6324)	.3703	(.1458)	1.6233	(.6391)	.3670	(.1445)	2
				SURFACE TO 850MB								
JAN-1	1.4973	(.5895)	71010612	.9120	(.3591)	.2475	(.0975)	.9515	(.3746)	.2515	(.0990)	JAN-1
2	1.3180	(.5189)	49012303	.8739	(.3440)	.2105	(.0829)	.8716	(.3431)	.1961	(.0772)	2
FEB-1	1.2675	(.4990)	47020315	.8912	(.3509)	.1561	(.0615)	.8976	(.3534)	.1937	(.0763)	FEB-1
2	1.2636	(.4975)	47022315	.8727	(.3436)	.1552	(.0611)	.8426	(.3317)	.1678	(.0661)	2
MAR-1	1.2614	(.4966)	64030700	.8983	(.3537)	.1812	(.0714)	.9010	(.3547)	.1991	(.0784)	MAR-1
2	1.3106	(.5160)	65032412	.8025	(.3160)	.1857	(.0731)	.8227	(.3239)	.1908	(.0751)	2
APR-1	1.2103	(.4765)	61041500	.8380	(.3299)	.1449	(.0571)	.8452	(.3328)	.1205	(.0474)	APR-1
2	1.2146	(.4782)	47042403	.9247	(.3641)	.1554	(.0612)	.9220	(.3630)	.1525	(.0600)	2
MAY-1	1.3965	(.5498)	71050612	.9714	(.3825)	.1452	(.0572)	.9829	(.3870)	.1700	(.0669)	MAY-1
2	1.5811	(.6225)	58052600	1.1189	(.4405)	.1992	(.0784)	1.1345	(.4466)	.1848	(.0728)	2
JUN-1	1.6767	(.6601)	63060900	1.2007	(.4727)	.2246	(.0884)	1.1670	(.4594)	.2326	(.0916)	JUN-1
2	1.6167	(.6365)	49062415	1.1793	(.4643)	.2146	(.0845)	1.2051	(.4745)	.2100	(.0827)	2
JUL-1	1.8166	(.7152)	61071100	1.4413	(.5674)	.2456	(.0967)	1.4169	(.5578)	.2444	(.0962)	JUL-1
2	1.8445	(.7262)	68073000	1.5738	(.6196)	.1395	(.0549)	1.6380	(.6449)	.1638	(.0645)	2
AUG-1	1.9096	(.7518)	53080303	1.5514	(.6108)	.1962	(.0772)	1.5429	(.6074)	.2040	(.0803)	AUG-1
2	1.9583	(.7710)	52082903	1.6512	(.6501)	.1678	(.0661)	1.6471	(.6485)	.1819	(.0716)	2
SEP-1	1.9436	(.7652)	49090215	1.5525	(.6112)	.2016	(.0794)	1.5818	(.6228)	.2321	(.0914)	SEP-1
2	1.9484	(.7671)	61092012	1.4275	(.5620)	.2495	(.0982)	1.4573	(.5737)	.2508	(.0987)	2
OCT-1	1.8004	(.7088)	70100612	1.2647	(.4979)	.2345	(.0923)	1.2700	(.5000)	.2598	(.1023)	OCT-1
2	1.7089	(.6728)	46102415	1.1723	(.4615)	.2373	(.0934)	1.1155	(.4392)	.2811	(.1107)	2
NOV-1	1.4773	(.5816)	57110200	1.0828	(.4263)	.2502	(.0985)	1.0815	(.4258)	.2260	(.0890)	NOV-1
2	1.4150	(.5571)	67112100	.9735	(.3833)	.2064	(.0813)	.9662	(.3804)	.1791	(.0705)	2
DEC-1	1.3447	(.5294)	51121003	.9558	(.3763)	.2001	(.0788)	.9485	(.3734)	.2076	(.0817)	DEC-1
2	1.3602	(.5355)	67122600	.9524	(.3750)	.2086	(.0821)	.9697	(.3818)	.2105	(.0829)	2

BERMUDA 27 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.7917	(1.8865)	58010412	3.0223	(1.1899)	.5995	(.2360)	3.1897	(1.2558)	.8071	(.3178)	JAN-1
2	4.8550	(1.9114)	48012403	3.1342	(1.2339)	.6571	(.2587)	3.2121	(1.2646)	.4944	(.1946)	2
FEB-1	4.1742	(1.6434)	59020700	3.2267	(1.2703)	.5130	(.2020)	3.1535	(1.2415)	.4276	(.1684)	FEB-1
2	4.1191	(1.6217)	57022803	3.1359	(1.2346)	.5053	(.1990)	3.0235	(1.1904)	.5654	(.2226)	2
MAR-1	4.5189	(1.7791)	70031412	3.1889	(1.2555)	.6384	(.2513)	3.2364	(1.2742)	.7035	(.2770)	MAR-1
2	4.2659	(1.6795)	70032400	3.2169	(1.2665)	.5860	(.2307)	3.2445	(1.2773)	.6375	(.2510)	2
APR-1	4.6495	(1.8305)	52040703	3.2566	(1.2821)	.6965	(.2742)	3.1806	(1.2522)	.7349	(.2893)	APR-1
2	4.1615	(1.6384)	47041615	3.3959	(1.3370)	.4472	(.1761)	3.2901	(1.2953)	.4986	(.1963)	2
MAY-1	4.9210	(1.9374)	54051515	3.7669	(1.4830)	.6917	(.2723)	3.8321	(1.5087)	.5399	(.2126)	MAY-1
2	5.4023	(2.1269)	68053100	4.1476	(1.6329)	.5346	(.2105)	4.0310	(1.5870)	.6011	(.2367)	2
JUN-1	5.5631	(2.1902)	46060503	4.6200	(1.8189)	.4522	(.1780)	4.4107	(1.7365)	.6099	(.2401)	JUN-1
2	6.4668	(2.5460)	58061712	4.9303	(1.9411)	.4795	(.1888)	4.8881	(1.9245)	.6289	(.2476)	2
JUL-1	5.5715	(2.1935)	46071415	4.8861	(1.9236)	.5910	(.2327)	4.7446	(1.8679)	.5563	(.2190)	JUL-1
2	6.2588	(2.4641)	46072703	5.0122	(1.9733)	.5027	(.1979)	4.8292	(1.9013)	.4864	(.1915)	2
AUG-1	6.3243	(2.4899)	56080815	5.1522	(2.0284)	.4023	(.1584)	5.0645	(1.9939)	.6357	(.2503)	AUG-1
2	5.8829	(2.3161)	58082000	4.9117	(1.9337)	.4247	(.1672)	5.0033	(1.9698)	.5352	(.2107)	2
SEP-1	6.0592	(2.3855)	56091003	5.1498	(2.0275)	.4905	(.1931)	4.8822	(1.9221)	.5764	(.2269)	SEP-1
2	5.9949	(2.3602)	50092315	4.9461	(1.9473)	.3872	(.1524)	4.9022	(1.9300)	.5721	(.2253)	2
OCT-1	5.6563	(2.2269)	57100912	4.8214	(1.8982)	.5693	(.2241)	4.6351	(1.8248)	.6099	(.2401)	OCT-1
2	5.8753	(2.3131)	55101903	4.5401	(1.7874)	.6774	(.2667)	4.5255	(1.7817)	.5582	(.2198)	2
NOV-1	6.0218	(2.3708)	60110300	3.9946	(1.5727)	.7547	(.2971)	4.0128	(1.5798)	.8189	(.3224)	NOV-1
2	4.8727	(1.9184)	59112300	3.6975	(1.4557)	.4946	(.1947)	3.6205	(1.4254)	.7667	(.3019)	2
DEC-1	4.4722	(1.7607)	53121515	3.3884	(1.3340)	.4738	(.1865)	3.3108	(1.3035)	.4949	(.1949)	DEC-1
2	4.2400	(1.6693)	58121612	3.2455	(1.2777)	.6273	(.2470)	3.3515	(1.3195)	.6801	(.2678)	2
				SURFACE TO 700MB								
JAN-1	3.4110	(1.3429)	59010312	2.4679	(.9716)	.3412	(.1343)	2.7023	(1.0639)	.4446	(.1750)	JAN-1
2	3.6779	(1.4480)	48012403	2.5941	(1.0213)	.3599	(.1417)	2.6337	(1.0369)	.3205	(.1262)	2
FEB-1	3.2946	(1.2971)	52020603	2.6161	(1.0299)	.3347	(.1318)	2.5729	(1.0130)	.3003	(.1182)	FEB-1
2	3.2591	(1.2831)	57022803	2.5517	(1.0046)	.3407	(.1341)	2.4359	(.9590)	.3704	(.1458)	2
MAR-1	3.4674	(1.3651)	70031412	2.7183	(1.0702)	.3566	(.1404)	2.7035	(1.0644)	.4399	(.1732)	MAR-1
2	3.1877	(1.2550)	48032503	2.6003	(1.0237)	.3898	(.1535)	2.6501	(1.0433)	.3004	(.1183)	2
APR-1	3.4788	(1.3696)	52040703	2.6561	(1.0457)	.4110	(.1618)	2.5883	(1.0190)	.4038	(.1590)	APR-1
2	3.4173	(1.3454)	52042915	2.7157	(1.0692)	.3041	(.1197)	2.7979	(1.1015)	.2357	(.0928)	2
MAY-1	3.7437	(1.4739)	54051515	3.0571	(1.2036)	.4235	(.1667)	3.0100	(1.1850)	.4056	(.1597)	MAY-1
2	3.8997	(1.5353)	68053100	3.2813	(1.2919)	.3352	(.1320)	3.1978	(1.2590)	.3928	(.1547)	2
JUN-1	4.0264	(1.5852)	60060600	3.5775	(1.4085)	.2221	(.0875)	3.4162	(1.3450)	.3636	(.1432)	JUN-1
2	4.3533	(1.7139)	48062015	3.7487	(1.4759)	.2798	(.1101)	3.7203	(1.4647)	.3639	(.1433)	2
JUL-1	4.3467	(1.7113)	46071415	3.9007	(1.5357)	.2451	(.0965)	3.7783	(1.4875)	.3668	(.1444)	JUL-1
2	4.5568	(1.7940)	63072700	3.9669	(1.5618)	.3299	(.1299)	3.8139	(1.5015)	.3215	(.1266)	2
AUG-1	4.6411	(1.8272)	56080815	4.0277	(1.5857)	.2569	(.1011)	4.0078	(1.5779)	.3883	(.1529)	AUG-1
2	4.7572	(1.8729)	68082100	3.9543	(1.5568)	.2791	(.1099)	3.9264	(1.5458)	.3603	(.1418)	2
SEP-1	4.8143	(1.8954)	50090415	3.9604	(1.5592)	.3129	(.1232)	3.9179	(1.5425)	.4231	(.1666)	SEP-1
2	4.7031	(1.8516)	50092315	3.8647	(1.5216)	.2697	(.1062)	3.7951	(1.4941)	.3189	(.1255)	2
OCT-1	4.2888	(1.6885)	57100912	3.7777	(1.4873)	.3215	(.1266)	3.6113	(1.4218)	.3564	(.1403)	OCT-1
2	4.3304	(1.7049)	53103003	3.5560	(1.4000)	.4513	(.1777)	3.5450	(1.3957)	.2396	(.0943)	2
NOV-1	4.1349	(1.6279)	60110300	3.1638	(1.2456)	.4657	(.1834)	3.1156	(1.2266)	.5645	(.2222)	NOV-1
2	3.9921	(1.5717)	57112600	2.9766	(1.1719)	.4472	(.1761)	3.0065	(1.1837)	.3697	(.1456)	2
DEC-1	3.6612	(1.4414)	53121515	2.7302	(1.0749)	.3298	(.1299)	2.6915	(1.0596)	.3617	(.1424)	DEC-1
2	3.2410	(1.2760)	56122603	2.6151	(1.0296)	.4963	(.1954)	2.7282	(1.0741)	.3621	(.1426)	2
				SURFACE TO 850MB								
JAN-1	2.0274	(.7982)	58010300	1.6650	(.6555)	.1797	(.0707)	1.6940	(.6669)	.2128	(.0838)	JAN-1
2	2.1382	(.8418)	48012403	1.6944	(.6671)	.1960	(.0772)	1.7507	(.6892)	.1723	(.0678)	2
FEB-1	2.0935	(.8242)	59020700	1.6655	(.6557)	.2077	(.0818)	1.6876	(.6644)	.1621	(.0638)	FEB-1
2	2.0196	(.7951)	57022803	1.6388	(.6452)	.2291	(.0902)	1.5951	(.6280)	.2253	(.0887)	2
MAR-1	2.1544	(.8482)	57030115	1.7293	(.6808)	.2098	(.0826)	1.7107	(.6735)	.2574	(.1013)	MAR-1
2	2.0353	(.8013)	59031800	1.7091	(.6729)	.1805	(.0711)	1.7367	(.6837)	.1571	(.0619)	2
APR-1	2.0645	(.8128)	52040703	1.7568	(.6917)	.1991	(.0784)	1.6970	(.6681)	.2196	(.0865)	APR-1
2	2.1427	(.8436)	52042915	1.7833	(.7021)	.1335	(.0525)	1.8278	(.7196)	.1124	(.0443)	2
MAY-1	2.4013	(.9454)	54051515	2.0147	(.7932)	.2077	(.0818)	1.9672	(.7745)	.2559	(.1008)	MAY-1
2	2.4066	(.9475)	61052800	2.1332	(.8399)	.1713	(.0674)	2.0648	(.8129)	.2100	(.0827)	2
JUN-1	2.5347	(.9979)	52060815	2.3083	(.9088)	.1127	(.0444)	2.2387	(.8814)	.2047	(.0806)	JUN-1
2	2.7734	(1.0919)	46062815	2.4422	(.9615)	.1468	(.0578)	2.4287	(.9562)	.1933	(.0761)	2
JUL-1	2.8682	(1.1292)	52071203	2.5223	(.9930)	.1272	(.0501)	2.4623	(.9694)	.1791	(.0705)	JUL-1
2	3.0061	(1.1835)	63072700	2.6149	(1.0295)	.1866	(.0735)	2.5151	(.9902)	.1816	(.0715)	2
AUG-1	2.9751	(1.1713)	46080703	2.6016	(1.0243)	.1405	(.0553)	2.6044	(1.0253)	.1997	(.0786)	AUG-1
2	2.9741	(1.1709)	68082100	2.5712	(1.0123)	.1321	(.0520)	2.5691	(1.0115)	.2166	(.0853)	2
SEP-1	3.1115	(1.2250)	50090415	2.5409	(1.0004)	.1933	(.0761)	2.5422	(1.0009)	.2598	(.1023)	SEP-1
2	2.8903	(1.1379)	50092315	2.4981	(.9835)	.1709	(.0673)	2.4519	(.9653)	.1672	(.0658)	2
OCT-1	2.6934	(1.0604)	46100715	2.4101	(.9488)	.1655	(.0652)	2.3517	(.9259)	.1713	(.0675)	OCT-1
2	2.6960	(1.0614)	59101700	2.2855	(.8998)	.2432	(.0958)	2.2576	(.8888)	.1326	(.0522)	2
NOV-1	2.5189	(.9917)	68111112	2.0312	(.7997)	.2555	(.1006)	2.0089	(.7909)	.2989	(.1177)	NOV-1
2	2.5293	(.9958)	57112600	1.9473	(.7667)	.2360	(.0929)	1.9498	(.7676)	.1749	(.0688)	2
DEC-1	2.2802	(.8977)	53121515	1.8126	(.7136)	.2122	(.0835)	1.7930	(.7059)	.1946	(.0766)	DEC-1
2	2.1219	(.8354)	51122315	1.7561	(.6914)	.2534	(.0998)	1.8094	(.7124)	.1957	(.0771)	2

GUADALUPE, MEX. 2 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	1.5578	(.6133)	72010812	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	1.7732	(.6981)	71013100	1.6862	(.6639)	.1230	(.0484)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	2.5519	(1.0047)	72020212	1.8479	(.7275)	.8826	(.3475)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	1.6459	(.6480)	72022200	1.4359	(.5653)	.2971	(.1170)	1.3816	(.5439)	.1783	(.0702)	2
MAR-1	1.4666	(.5774)	72031412	1.2600	(.4961)	.2764	(.1088)	1.4351	(.5650)	.0445	(.0175)	MAR-1
2	1.5867	(.6247)	71032500	1.5324	(.6033)	.0769	(.0303)	1.4058	(.5534)	.1133	(.0446)	2
APR-1	1.8908	(.7444)	72041200	1.4465	(.5695)	.6283	(.2473)	1.3367	(.5262)	.4535	(.1785)	APR-1
2	1.4209	(.5594)	71042712	1.2059	(.4748)	.1669	(.0657)	1.2466	(.4908)	.2464	(.0970)	2
MAY-1	2.2921	(.9024)	71050712	1.8301	(.7205)	.4817	(.1896)	1.7634	(.6943)	.7477	(.2944)	MAY-1
2	1.6314	(.6423)	72052000	1.5870	(.6248)	.0629	(.0247)	1.2727	(.5010)	.0677	(.0267)	2
JUN-1	2.6645	(1.0490)	71061012	2.3752	(.9351)	.0715	(.0281)	2.3791	(.9367)	.4036	(.1589)	JUN-1
2	3.8753	(1.5257)	72062100	2.9919	(1.1779)	1.2493	(.4919)	3.1740	(1.2496)	.8801	(.3465)	2
JUL-1	2.9634	(1.1667)	72070800	2.5938	(1.0212)	.5227	(.2058)	2.5434	(1.0013)	.2717	(.1070)	JUL-1
2	4.2837	(1.6865)	72073000	3.5159	(1.3842)	1.0859	(.4275)	3.4544	(1.3600)	.7123	(.2804)	2
AUG-1	5.4348	(2.1397)	72080712	4.5055	(1.7738)	.4045	(.1592)	4.7977	(1.8888)	.9011	(.3548)	AUG-1
2	4.5542	(1.7930)	72082912	4.0104	(1.5789)	.5266	(.2073)	4.1671	(1.6406)	.5474	(.2155)	2
SEP-1	4.6025	(1.8120)	72090400	4.3271	(1.7036)	.3894	(.1533)	4.2752	(1.6831)	.2139	(.0842)	SEP-1
2	3.1684	(1.2474)	71092000	2.8946	(1.1396)	.3872	(.1525)	2.8179	(1.1094)	.4569	(.1799)	2
OCT-1	3.8705	(1.5238)	72101500	2.7012	(1.0634)	1.6536	(.6510)	2.6665	(1.0498)	1.0029	(.3948)	OCT-1
2	3.8539	(1.5173)	72101900	2.8743	(1.1316)	1.3855	(.5455)	2.8815	(1.1344)	.6611	(.2603)	2
NOV-1	2.6833	(1.0564)	71111212	2.4075	(.9478)	.2319	(.0913)	2.3882	(.9402)	.4172	(.1643)	NOV-1
2	2.4463	(.9631)	72111700	2.2297	(.8778)	.3062	(.1206)	1.8967	(.7467)	.0950	(.0374)	2
DEC-1	1.9134	(.7533)	71121312	1.5253	(.6005)	.0700	(.0276)	1.7592	(.6926)	.2180	(.0858)	DEC-1
2	3.3396	(1.3148)	71122300	2.9402	(1.1576)	.5649	(.2224)	2.5432	(1.0012)	.8641	(.3402)	2
				SURFACE TO 700MB								
JAN-1	1.3012	(.5123)	72010200	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	1.3810	(.5437)	71013100	1.3423	(.5284)	.0548	(.0216)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	1.8245	(.7183)	72020512	1.2997	(.5117)	.5004	(.1970)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	1.2449	(.4901)	72022312	1.0422	(.4103)	.1649	(.0649)	1.1434	(.4501)	.1435	(.0565)	2
MAR-1	1.2540	(.4937)	71031312	1.0183	(.4009)	.1943	(.0765)	1.1943	(.4702)	.0844	(.0332)	MAR-1
2	1.2507	(.4924)	72032300	1.2438	(.4897)	.0097	(.0038)	1.1172	(.4398)	.0128	(.0050)	2
APR-1	1.2944	(.5096)	72040700	1.0495	(.4132)	.3463	(.1363)	1.0660	(.4197)	.2629	(.1035)	APR-1
2	1.6579	(.6527)	71041800	1.3129	(.5169)	.4878	(.1921)	1.1386	(.4482)	.2146	(.0845)	2
MAY-1	1.7549	(.6909)	71050712	1.4790	(.5823)	.1717	(.0676)	1.4288	(.5625)	.4612	(.1816)	MAY-1
2	1.4432	(.5682)	72052000	1.3584	(.5348)	.1200	(.0472)	1.1039	(.4346)	.0047	(.0018)	2
JUN-1	2.1247	(.8365)	71061112	1.9150	(.7539)	.1654	(.0651)	2.0121	(.7921)	.1593	(.0627)	JUN-1
2	2.7671	(1.0894)	72062100	2.2487	(.8853)	.7331	(.2886)	2.1942	(.8638)	.5214	(.2053)	2
JUL-1	2.1742	(.8560)	72070800	1.8433	(.7257)	.4681	(.1843)	1.5249	(.6003)	.1327	(.0523)	JUL-1
2	3.1699	(1.2480)	72073100	2.6386	(1.0388)	.7515	(.2959)	2.3694	(.9329)	.3853	(.1517)	2
AUG-1	3.9728	(1.5641)	72080712	3.3045	(1.3010)	.2827	(.1113)	3.7611	(1.4808)	.2994	(.1179)	AUG-1
2	3.2179	(1.2669)	72082912	3.0188	(1.1885)	.1264	(.0498)	3.1769	(1.2507)	.0580	(.0228)	2
SEP-1	3.4224	(1.3474)	71090512	3.1744	(1.2497)	.2006	(.0790)	3.2866	(1.2939)	.1920	(.0756)	SEP-1
2	2.6937	(1.0605)	71092000	2.4628	(.9696)	.3265	(.1286)	2.2950	(.9035)	.1916	(.0754)	2
OCT-1	3.0589	(1.2043)	72101500	2.1928	(.8633)	1.2249	(.4822)	2.1570	(.8492)	.8133	(.3202)	OCT-1
2	2.9710	(1.1697)	72101900	2.2821	(.8984)	.9744	(.3836)	2.2416	(.8825)	.7737	(.3046)	2
NOV-1	2.2946	(.9034)	71111000	2.1139	(.8322)	.2556	(.1006)	1.9879	(.7827)	.2373	(.0934)	NOV-1
2	2.2784	(.8970)	72111700	1.9926	(.7845)	.4041	(.1591)	1.6947	(.6672)	.0657	(.0259)	2
DEC-1	1.6833	(.6627)	71121312	1.1123	(.4379)	.0424	(.0167)	1.5602	(.6142)	.1740	(.0685)	DEC-1
2	2.4318	(.9574)	71122300	2.1784	(.8576)	.3583	(.1411)	1.9141	(.7536)	.3183	(.1253)	2
				SURFACE TO 850MB								
JAN-1	.9390	(.3697)	72010812	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	0.0000	(0.0000)	JAN-1
2	1.0650	(.4193)	71012100	1.0013	(.3942)	.0902	(.0355)	0.0000	(0.0000)	0.0000	(0.0000)	2
FEB-1	1.3673	(.5383)	72020512	.9281	(.3654)	.2159	(.0850)	0.0000	(0.0000)	0.0000	(0.0000)	FEB-1
2	.8580	(.3378)	72021600	.7809	(.3074)	.1090	(.0429)	.8058	(.3172)	.0368	(.0145)	2
MAR-1	.9959	(.3921)	71031312	.7885	(.3104)	.1863	(.0733)	.9369	(.3688)	.0835	(.0329)	MAR-1
2	.9195	(.3620)	71032500	.8973	(.3532)	.0314	(.0124)	.7891	(.3106)	.0390	(.0153)	2
APR-1	1.1133	(.4383)	72040700	.8668	(.3412)	.3486	(.1372)	.7673	(.3021)	.0762	(.0300)	APR-1
2	1.0424	(.4104)	71041800	.9437	(.3715)	.1396	(.0549)	.8796	(.3463)	.1620	(.0638)	2
MAY-1	1.1458	(.4511)	71050812	.9362	(.3686)	.0700	(.0276)	1.0339	(.4070)	.1582	(.0623)	MAY-1
2	1.1341	(.4465)	72052100	1.0418	(.4101)	.1306	(.0514)	.9323	(.3670)	.0052	(.0021)	2
JUN-1	1.4595	(.5746)	71061112	1.2751	(.5020)	.2374	(.0935)	1.4197	(.5589)	.0562	(.0221)	JUN-1
2	1.3602	(.5355)	72061600	1.2588	(.4956)	.1433	(.0564)	1.2437	(.4896)	.1507	(.0593)	2
JUL-1	1.4503	(.5710)	72071200	1.2212	(.4808)	.3240	(.1276)	.9679	(.3811)	.0774	(.0305)	JUL-1
2	1.7414	(.6856)	72073100	1.5119	(.5953)	.3245	(.1278)	1.4305	(.5632)	.0251	(.0099)	2
AUG-1	2.3477	(.9243)	72080712	1.9897	(.7833)	.0882	(.0347)	2.2807	(.8979)	.0948	(.0373)	AUG-1
2	1.9893	(.7832)	71082112	1.7589	(.6925)	.0158	(.0062)	1.9197	(.7558)	.0984	(.0387)	2
SEP-1	1.9997	(.7873)	72090400	1.8772	(.7390)	.1733	(.0682)	1.9439	(.7653)	.0726	(.0286)	SEP-1
2	1.8001	(.7087)	71092000	1.7071	(.6721)	.1315	(.0518)	1.6295	(.6415)	.1809	(.0712)	2
OCT-1	1.8829	(.7413)	72100600	1.5076	(.5935)	.5307	(.2090)	1.2036	(.4738)	.4025	(.1585)	OCT-1
2	1.7292	(.6808)	72101900	1.4418	(.5677)	.4064	(.1600)	1.3322	(.5245)	.2568	(.1011)	2
NOV-1	1.6538	(.6511)	71111212	1.4897	(.5865)	.0747	(.0294)	1.5141	(.5961)	.1976	(.0778)	NOV-1
2	1.3917	(.5479)	72111700	1.3204	(.5198)	.1008	(.0397)	1.1866	(.4672)	.0444	(.0175)	2
DEC-1	1.2746	(.5018)	71120312	.9147	(.3601)	.0435	(.0171)	1.2287	(.4837)	.0648	(.0255)	DEC-1
2	1.4912	(.5871)	71122300	1.4700	(.5787)	.0300	(.0118)	1.2592	(.4957)	.1669	(.0657)	2

MERIDA, MEX. 18 YEARS OF RECORD

MONTH	MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED MAXIMUM CM.	(IN.)	DATE	MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) MEAN CM.	(IN.)	SD CM.	(IN.)	12Z(15Z) MEAN CM.	(IN.)	SD CM.	(IN.)	MONTH
				SURFACE TO 400MB								
JAN-1	4.6919	(1.8472)	59010500	4.1993	(1.6533)	.4059	(.1598)	4.0692	(1.6021)	.5618	(.2212)	JAN-1
2	5.2428	(2.0641)	66012600	4.1591	(1.6374)	.5543	(.2182)	3.8665	(1.5222)	.4242	(.1670)	2
FEB-1	4.8339	(1.9031)	65020500	3.9963	(1.5733)	.4456	(.1754)	3.7251	(1.4666)	.4348	(.1712)	FEB-1
2	5.6063	(2.2072)	59022800	4.2536	(1.6747)	.5113	(.2013)	4.2433	(1.6706)	.4405	(.1734)	2
MAR-1	5.1902	(2.0434)	69030312	4.2297	(1.6653)	.4036	(.1589)	3.9853	(1.5690)	.4506	(.1774)	MAR-1
2	4.8562	(1.9119)	64032112	4.2094	(1.6572)	.3895	(.1533)	4.1113	(1.6186)	.5004	(.1970)	2
APR-1	5.1755	(2.0376)	58041300	4.4557	(1.7542)	.5934	(.2336)	4.1181	(1.6213)	.4740	(.1866)	APR-1
2	5.3924	(2.1230)	59042300	4.3697	(1.7204)	.6286	(.2475)	4.2025	(1.6545)	.6710	(.2642)	2
MAY-1	5.4740	(2.1551)	60050200	4.6961	(1.8488)	.5118	(.2015)	4.2898	(1.6889)	.5371	(.2115)	MAY-1
2	6.2227	(2.4499)	59052400	5.0893	(2.0037)	.6064	(.2387)	4.6346	(1.8247)	.6107	(.2404)	2
JUN-1	6.3482	(2.4993)	62061500	5.5674	(2.1919)	.4894	(.1927)	5.4093	(2.1296)	.4527	(.1782)	JUN-1
2	6.6985	(2.6372)	69061900	5.8577	(2.3062)	.3754	(.1478)	5.3465	(2.1049)	.5085	(.2002)	2
JUL-1	6.1369	(2.4161)	71071000	5.4318	(2.1385)	.3351	(.1319)	5.0209	(1.9767)	.2552	(.1005)	JUL-1
2	6.4336	(2.5329)	60071900	5.4626	(2.1506)	.2772	(.1091)	4.8871	(1.9240)	.3004	(.1183)	2
AUG-1	5.9649	(2.3484)	62081500	5.4649	(2.1515)	.2876	(.1132)	5.0508	(1.9885)	.3235	(.1274)	AUG-1
2	6.1336	(2.4148)	51082103	5.6590	(2.2280)	.2563	(.1009)	5.0921	(2.0048)	.5209	(.2051)	2
SEP-1	6.6238	(2.6078)	71091200	5.8029	(2.2846)	.3801	(.1496)	5.3979	(2.1251)	.5352	(.2107)	SEP-1
2	6.3881	(2.5150)	63092200	5.8008	(2.2838)	.3585	(.1412)	5.4346	(2.1396)	.5825	(.2293)	2
OCT-1	6.7823	(2.6702)	64100500	5.7271	(2.2548)	.4257	(.1676)	5.4452	(2.1438)	.4650	(.1831)	OCT-1
2	6.3899	(2.5157)	69101912	5.2661	(2.0733)	.5017	(.1975)	5.0791	(1.9997)	.7041	(.2772)	2
NOV-1	6.2504	(2.4608)	72111300	4.8529	(1.9106)	.6663	(.2623)	4.6178	(1.8180)	.7459	(.2937)	NOV-1
2	5.9736	(2.3518)	63112100	4.5944	(1.8088)	.8349	(.3287)	4.5263	(1.7820)	.6712	(.2642)	2
DEC-1	5.3137	(2.0920)	72121400	4.3331	(1.7059)	.5078	(.1999)	4.2153	(1.6596)	.4035	(.1589)	DEC-1
2	5.3083	(2.0899)	72121600	4.2620	(1.6780)	.5082	(.2001)	4.0732	(1.6036)	.4401	(.1733)	2
				SURFACE TO 700MB								
JAN-1	3.9337	(1.5487)	71010800	3.4854	(1.3722)	.2799	(.1102)	3.4052	(1.3406)	.3897	(.1534)	JAN-1
2	4.1643	(1.6395)	66012600	3.4750	(1.3681)	.3805	(.1498)	3.2763	(1.2899)	.3401	(.1339)	2
FEB-1	4.1087	(1.6176)	59020700	3.3781	(1.3300)	.3161	(.1245)	3.2004	(1.2600)	.2829	(.1114)	FEB-1
2	4.0460	(1.5929)	59022800	3.5185	(1.3852)	.3267	(.1286)	3.5153	(1.3840)	.2198	(.0865)	2
MAR-1	4.1841	(1.6473)	58031400	3.5508	(1.3979)	.2953	(.1162)	3.3782	(1.3300)	.2986	(.1176)	MAR-1
2	4.1521	(1.6347)	72033112	3.5583	(1.4009)	.3073	(.1210)	3.5335	(1.3911)	.4118	(.1621)	2
APR-1	4.2860	(1.6874)	58040200	3.7036	(1.4581)	.4176	(.1644)	3.5053	(1.3800)	.3424	(.1348)	APR-1
2	4.2746	(1.6829)	69042212	3.6170	(1.4240)	.4159	(.1637)	3.5303	(1.3899)	.4582	(.1804)	2
MAY-1	4.3642	(1.7182)	60050800	3.7812	(1.4887)	.3010	(.1185)	3.5568	(1.4003)	.4017	(.1581)	MAY-1
2	4.4384	(1.7474)	67052800	3.9996	(1.5746)	.2970	(.1169)	3.7376	(1.4715)	.3449	(.1358)	2
JUN-1	4.7147	(1.8562)	59060300	4.2191	(1.6611)	.2803	(.1104)	4.0826	(1.6073)	.2023	(.0797)	JUN-1
2	4.7935	(1.8872)	69061812	4.3260	(1.7031)	.1989	(.0783)	3.9880	(1.5701)	.3259	(.1283)	2
JUL-1	4.7363	(1.8647)	58071000	4.0898	(1.6102)	.2247	(.0885)	3.8355	(1.5100)	.1379	(.0543)	JUL-1
2	4.8003	(1.8899)	60071900	4.1604	(1.6379)	.2094	(.0825)	3.8355	(1.5100)	.1675	(.0659)	2
AUG-1	4.7353	(1.8643)	64081500	4.1689	(1.6413)	.2315	(.0911)	3.8636	(1.5211)	.2337	(.0920)	AUG-1
2	4.4684	(1.7592)	58082600	4.2410	(1.6697)	.1583	(.0623)	3.8863	(1.5301)	.3800	(.1496)	2
SEP-1	4.6213	(1.8194)	72090712	4.2848	(1.6869)	.2085	(.0821)	4.0739	(1.6039)	.2575	(.1014)	SEP-1
2	4.7003	(1.8505)	66092900	4.4028	(1.7334)	.1917	(.0755)	4.2219	(1.6622)	.1948	(.0767)	2
OCT-1	4.8730	(1.9185)	64100500	4.2942	(1.6906)	.2599	(.1023)	4.0792	(1.6060)	.2587	(.1019)	OCT-1
2	4.6187	(1.8184)	59102300	4.1883	(1.6489)	.2324	(.0915)	3.9956	(1.5731)	.3535	(.1392)	2
NOV-1	4.4933	(1.7690)	72111300	3.8402	(1.5119)	.3770	(.1484)	3.6077	(1.4204)	.3764	(.1482)	NOV-1
2	4.4087	(1.7357)	72112400	3.7383	(1.4718)	.4924	(.1938)	3.6592	(1.4406)	.4049	(.1594)	2
DEC-1	4.2078	(1.6566)	72121400	3.6637	(1.4424)	.3302	(.1300)	3.4741	(1.3678)	.2283	(.0899)	DEC-1
2	4.3007	(1.6932)	72121600	3.5900	(1.4134)	.3402	(.1339)	3.4057	(1.3408)	.2585	(.1018)	2
				SURFACE TO 850MB								
JAN-1	2.4318	(.9574)	62011000	2.1964	(.8647)	.1391	(.0547)	2.1590	(.8500)	.1807	(.0711)	JAN-1
2	2.5344	(.9978)	66012600	2.1856	(.8605)	.1871	(.0737)	2.1337	(.8400)	.1610	(.0634)	2
FEB-1	2.4262	(.9552)	59020700	2.0627	(.8121)	.2145	(.0845)	2.1014	(.8273)	.1543	(.0608)	FEB-1
2	2.5319	(.9968)	58022512	2.1489	(.8460)	.1577	(.0621)	2.2011	(.8666)	.1286	(.0506)	2
MAR-1	2.5057	(.9865)	58031400	2.2116	(.8707)	.1638	(.0645)	2.1686	(.8538)	.1258	(.0495)	MAR-1
2	2.5585	(1.0073)	64032112	2.2065	(.8687)	.1743	(.0686)	2.2432	(.8831)	.1606	(.0632)	2
APR-1	2.6167	(1.0302)	58041300	2.2881	(.9008)	.2098	(.0826)	2.2779	(.8968)	.1612	(.0635)	APR-1
2	2.6871	(1.0579)	69042212	2.2511	(.8862)	.1936	(.0762)	2.3520	(.9260)	.1991	(.0784)	2
MAY-1	2.6855	(1.0573)	60050200	2.3403	(.9214)	.1893	(.0745)	2.3079	(.9086)	.1906	(.0750)	MAY-1
2	2.6767	(1.0538)	59053100	2.4675	(.9715)	.1629	(.0641)	2.4189	(.9523)	.1610	(.0634)	2
JUN-1	2.9619	(1.1661)	57061000	2.5890	(1.0193)	.1793	(.0706)	2.5517	(1.0046)	.1014	(.0399)	JUN-1
2	3.0160	(1.1874)	69062000	2.6659	(1.0496)	.1392	(.0548)	2.5165	(.9908)	.1568	(.0617)	2
JUL-1	2.8268	(1.1129)	58071000	2.5651	(1.0099)	.1096	(.0431)	2.4782	(.9757)	.0813	(.0320)	JUL-1
2	2.8918	(1.1385)	60071900	2.6321	(1.0363)	.1304	(.0513)	2.5083	(.9875)	.0713	(.0281)	2
AUG-1	2.8595	(1.1258)	65080200	2.6111	(1.0280)	.1162	(.0457)	2.5285	(.9955)	.1631	(.0642)	AUG-1
2	2.8412	(1.1186)	60082300	2.6498	(1.0432)	.1073	(.0422)	2.5082	(.9875)	.1535	(.0604)	2
SEP-1	2.9759	(1.1716)	72090200	2.6891	(1.0587)	.1305	(.0514)	2.5546	(1.0058)	.1289	(.0507)	SEP-1
2	2.9088	(1.1452)	57091712	2.6813	(1.0556)	.1013	(.0399)	2.6338	(1.0369)	.1068	(.0420)	2
OCT-1	2.7876	(1.0975)	65100300	2.6260	(1.0339)	.1307	(.0515)	2.5400	(1.0000)	.1425	(.0561)	OCT-1
2	2.8900	(1.1378)	59102300	2.6053	(1.0257)	.1389	(.0547)	2.4665	(.9711)	.1829	(.0720)	2
NOV-1	2.7892	(1.0981)	72111500	2.4205	(.9530)	.2209	(.0870)	2.3622	(.9300)	.2040	(.0803)	NOV-1
2	2.8031	(1.1036)	72112012	2.3725	(.9340)	.2049	(.0807)	2.3585	(.9285)	.1935	(.0762)	2
DEC-1	2.6187	(1.0310)	48121403	2.3007	(.9058)	.1937	(.0762)	2.2562	(.8882)	.1592	(.0627)	DEC-1
2	2.8138	(1.1078)	72121600	2.2772	(.8965)	.1790	(.0705)	2.1987	(.8656)	.1153	(.0454)	2

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(Continued from inside front cover)

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