

NOAA Technical Report NWS 20



Precipitable Water Over The United States

Volume II: Semimonthly Maxima

Silver Spring, Md.
July 1979

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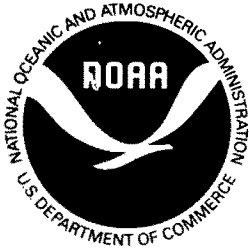
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- NWS 13 The March-April 1969 Snowmelt Floods in the Red River of the North, Upper Mississippi, and Missouri Basins. Joseph L. H. Paulhus, Office of Hydrology, October 1970, 92 p. (COM-71-50269)
- NWS 14 Weekly Synoptic Analyses, 5-, 2-, and 0.4-Millibar Surfaces for 1968. Staff, Upper Air Branch, National Meteorological Center, May 1971, 169 p. (COM-71-50383)
- 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)

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

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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 separately 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

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

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 ($^{\circ}\text{C}$)

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:

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

where Y_{i-2} , Y_{i-1} , \dots , 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 0000 Gmt	Observation time 1200 Gmt	Observation time 0000 Gmt	Observation time 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:

$$H_0 : F(X) = G(X) \text{ for all } X$$

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

where H_0 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

The authors appreciate the helpful review and comments of John F. Miller, Chief, Water Management Information Division and Vance A. Myers, Chief, Special Studies Branch, both of the Office of Hydrology, National Weather Service.

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Table 1.--Station location and period of record

<u>Station</u>	<u>Elevation</u>		<u>N</u>	<u>W</u>	<u>Approx.</u>	<u>Period</u>	<u>Notes</u>
	<u>(m)</u>	<u>(ft)</u>	<u>lat.</u>	<u>long.</u>	<u>yr of</u>	<u>of</u>	
					<u>record*</u>	<u>record</u>	
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

<u>Station</u>	<u>Elevation</u> (m) (ft)		<u>N</u> <u>lat.</u>	<u>W</u> <u>long.</u>	<u>Approx.</u> <u>yr of</u> <u>record*</u>	<u>Period</u> <u>of</u> <u>record</u>	<u>Notes</u>
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

<u>Station</u>	<u>Elevation</u> (m) (ft)		<u>N</u> <u>lat.</u>	<u>W</u> <u>long.</u>	<u>Approx.</u> <u>yr of</u> <u>record*</u>	<u>Period</u> <u>of</u> <u>record</u>	<u>Notes</u>
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

<u>Station</u>	<u>Elevation</u> (m) (ft)	<u>N</u> <u>lat.</u>	<u>W</u> <u>long.</u>	<u>Approx.</u> <u>yr of</u> <u>record*</u>	<u>Period</u> <u>of</u> <u>record</u>	<u>Notes</u>
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

<u>Station</u>	<u>Elevation</u> (m) (ft)	<u>N</u> <u>lat.</u>	<u>W</u> <u>long.</u>	<u>Approx.</u> <u>yr of</u> <u>record*</u>	<u>Period</u> <u>of</u> <u>record</u>	<u>Notes</u>
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

<u>Station</u>	<u>Elevation</u> (m) (ft)		<u>N</u> <u>lat.</u>	<u>W</u> <u>long.</u>	<u>Approx.</u> <u>yr of</u> <u>record*</u>	<u>Period</u> <u>of</u> <u>record</u>	<u>Notes</u>
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

<u>Station</u>	<u>Elevation</u>		<u>N</u>	<u>W</u>	<u>Approx.</u>	<u>Period</u>	<u>Notes</u>
	<u>(m)</u>	<u>(ft)</u>	<u>lat.</u>	<u>long.</u>	<u>yr of</u>	<u>of</u>	
					<u>record*</u>	<u>record</u>	
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

<u>Station</u>	<u>Elevation</u> (m) (ft)	<u>N</u> <u>lat.</u>	<u>W</u> <u>long.</u>	<u>Approx.</u> <u>yr of</u> <u>record*</u>	<u>Period</u> <u>of</u> <u>record</u>	<u>Notes</u>
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

<u>Station</u>	<u>Elevation</u> (m) (ft)	<u>N</u> <u>lat.</u>	<u>W</u> <u>long.</u>	<u>Approx.</u> <u>yr of</u> <u>record*</u>	<u>Period</u> <u>of</u> <u>record</u>	<u>Notes</u>
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

<u>Station</u>	<u>Elevation</u> (m) (ft)	<u>N</u> <u>lat.</u>	<u>W</u> <u>long.</u>	<u>Approx.</u> <u>yr of</u> <u>record*</u>	<u>Period</u> <u>of</u> <u>record</u>	<u>Notes</u>
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

<u>Station</u>	<u>Elevation</u>		<u>N</u>	<u>W</u>	<u>Approx.</u>	<u>Period</u>	<u>Notes</u>
	<u>(m)</u>	<u>(ft)</u>	<u>lat.</u>	<u>long.</u>	<u>yr of</u>	<u>of</u>	
					<u>record*</u>	<u>record</u>	
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		
	in	w_p (cm)	date	in	w_p (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.

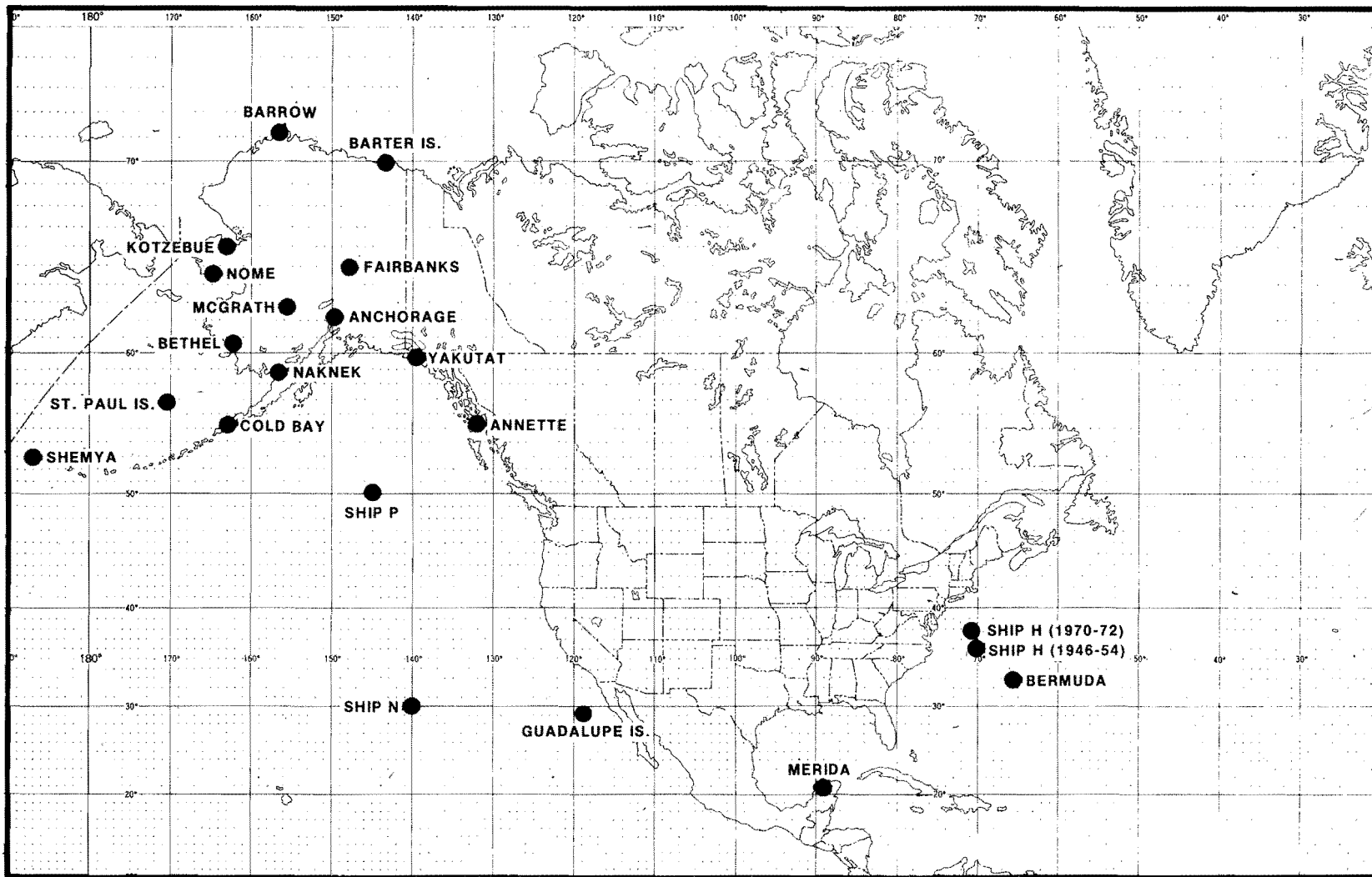
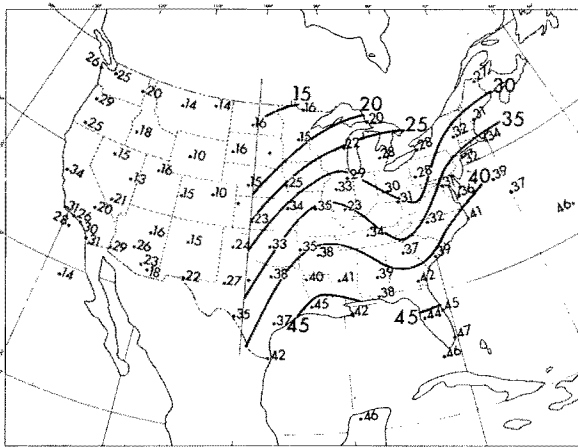
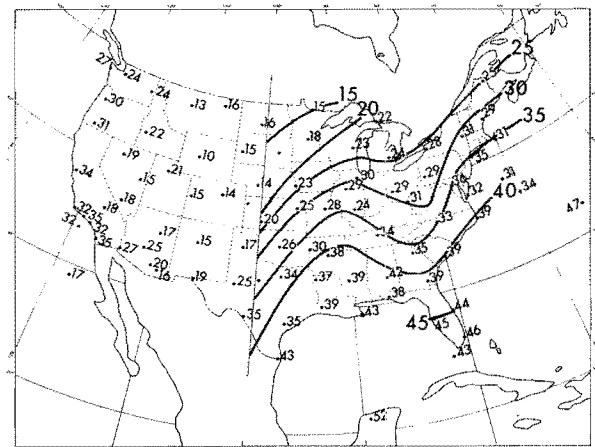


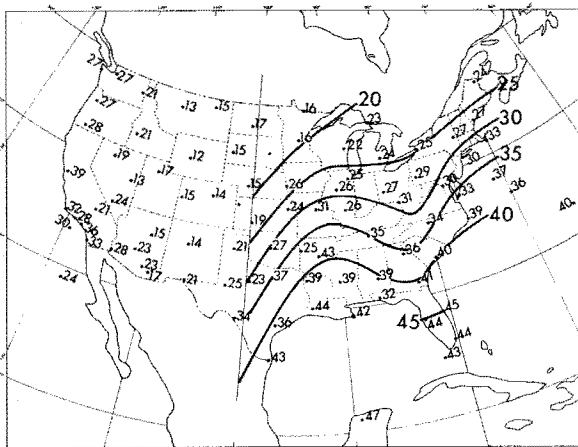
Figure 2.--Station locator, Alaska and others.



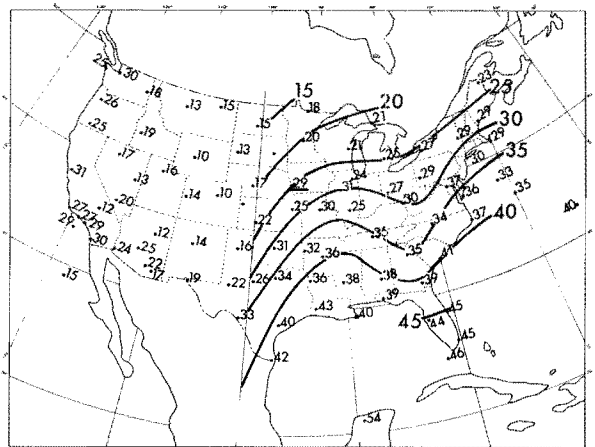
January 1-15



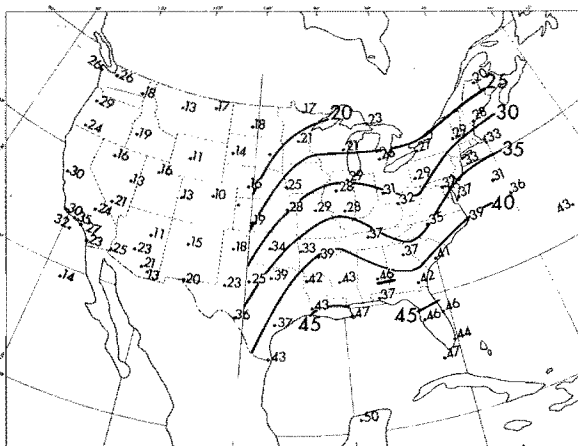
January 16-31



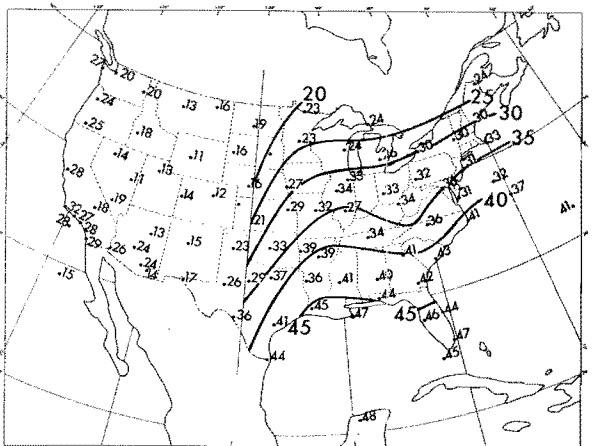
February 1-15



February 16-29

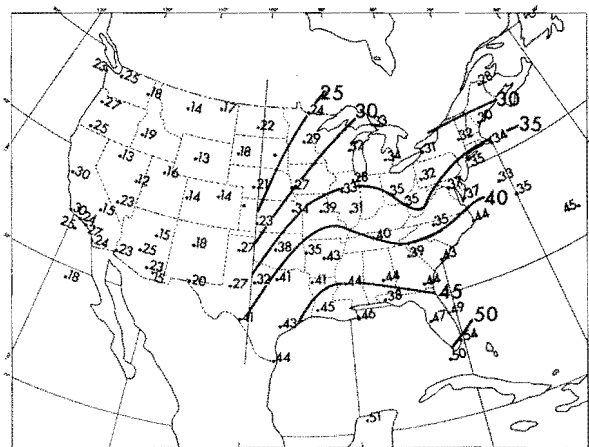


March 1-15

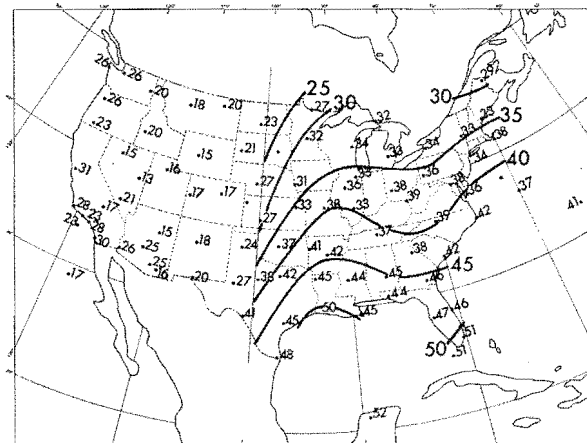


March 16-31

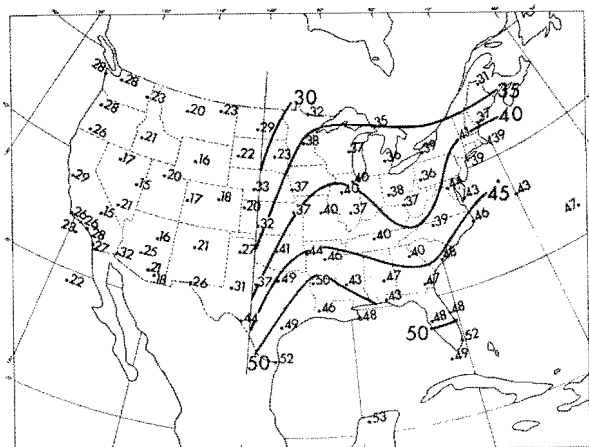
Figure 3.--Contiguous United States, maximum w_p (mm), surface-to-500-mb, by half months, January through March.



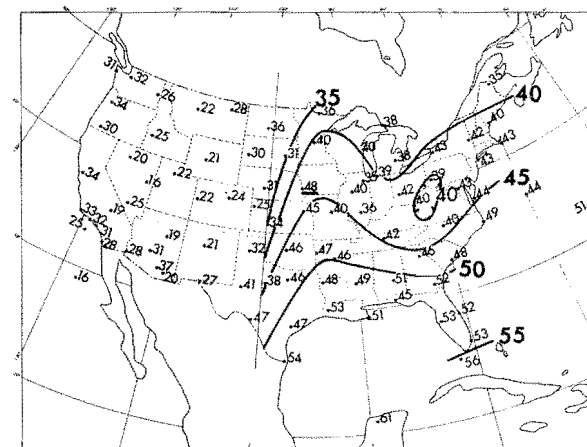
April 1-15



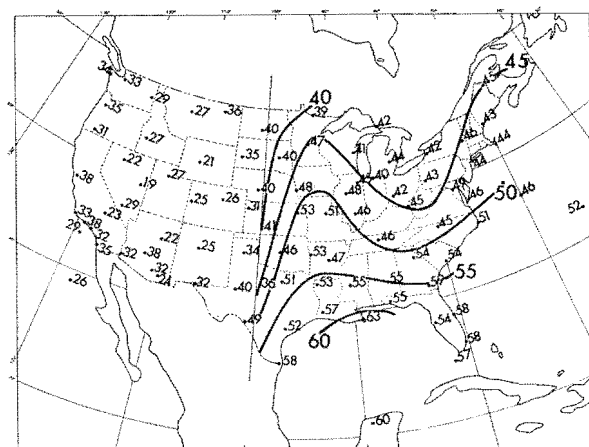
April 16-30



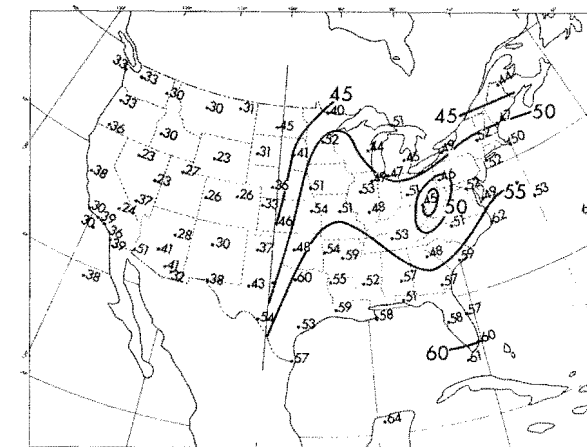
May 1-15



May 16-31

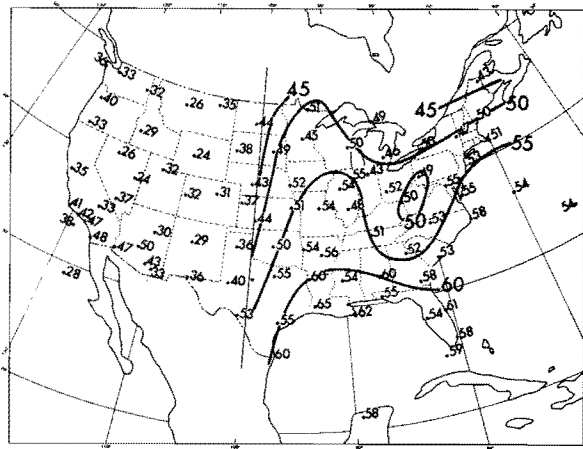


June 1-15

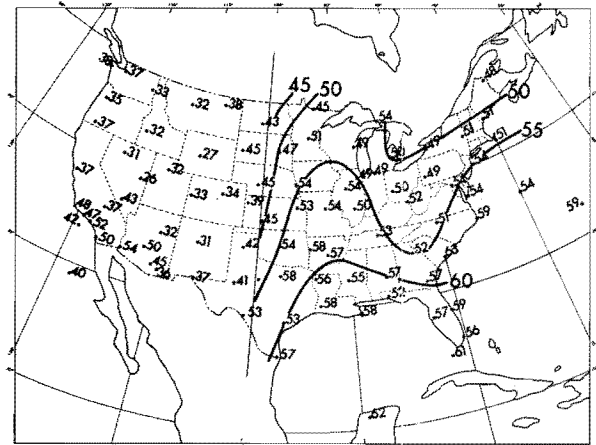


June 16-30

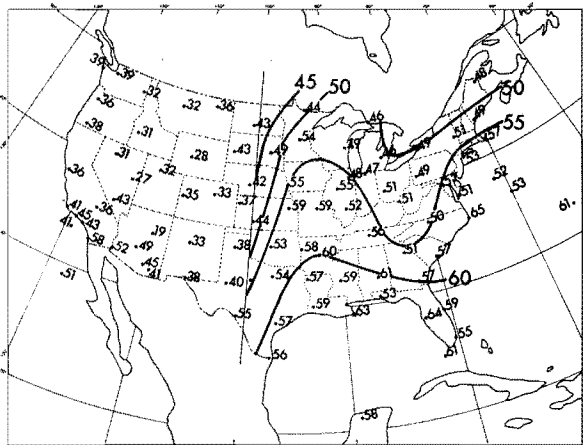
Figure 4.--Same as figure 3, for April through June.



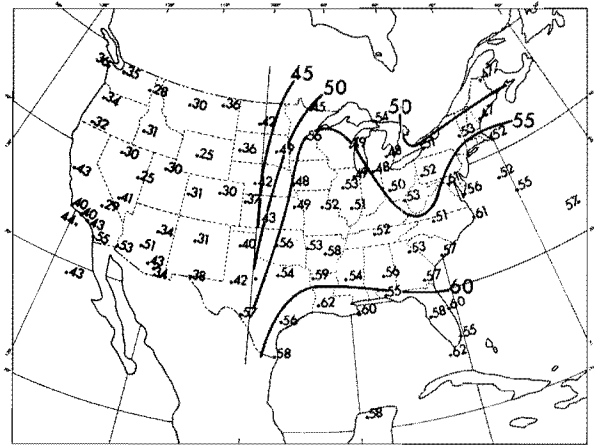
July 1-15



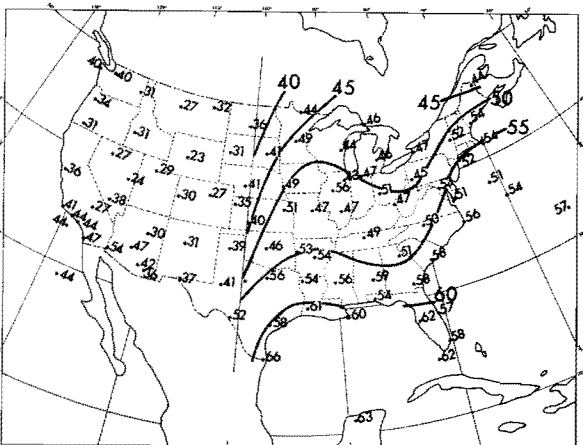
July 16-31



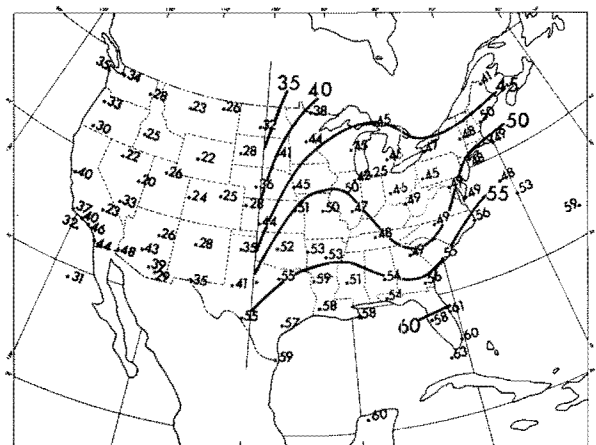
August 1-15



August 16-31

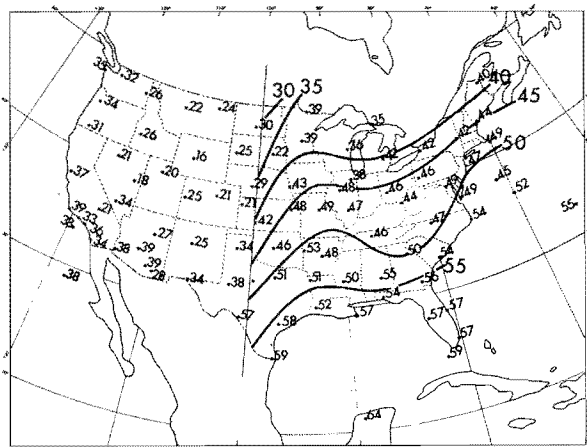


September 1-15

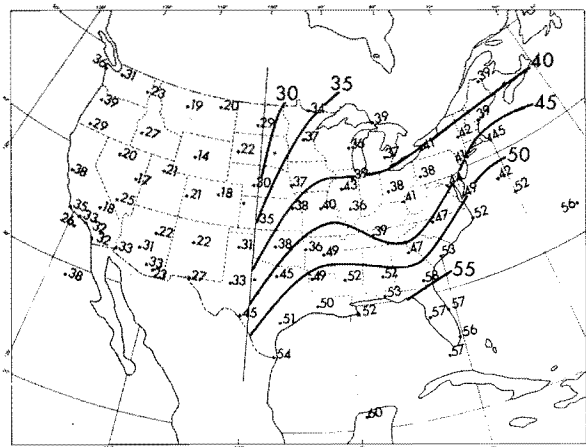


September 16-30

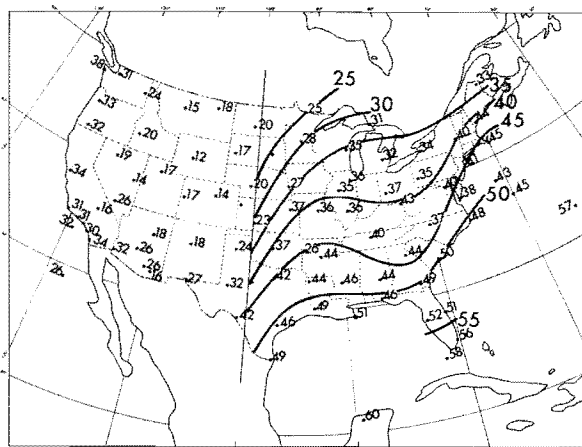
Figure 5.--Same as figure 3, for July through September.



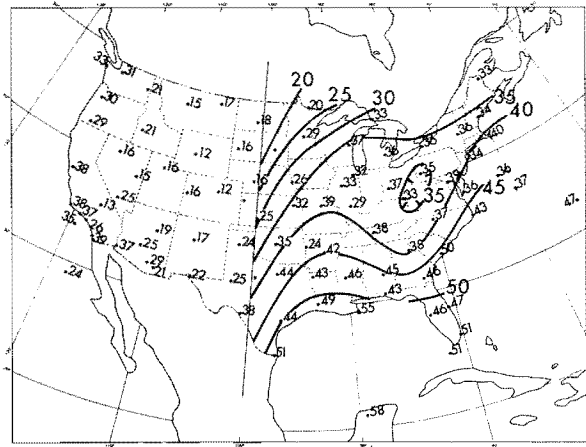
October 1-15



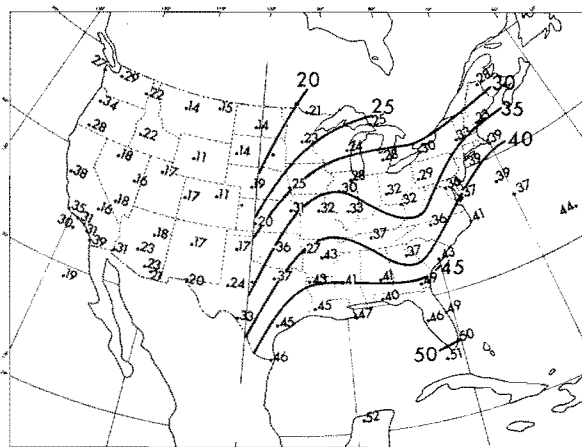
October 16-31



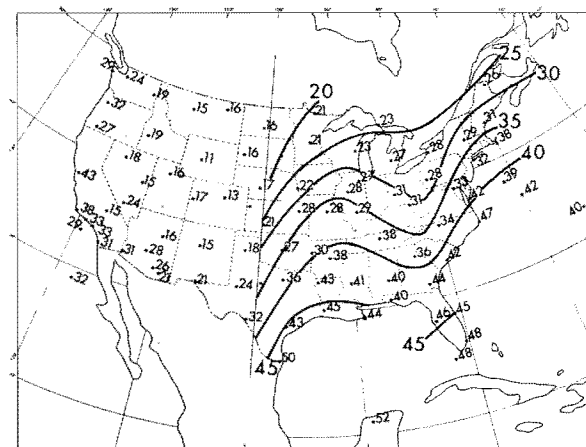
November 1-15



November 16-30

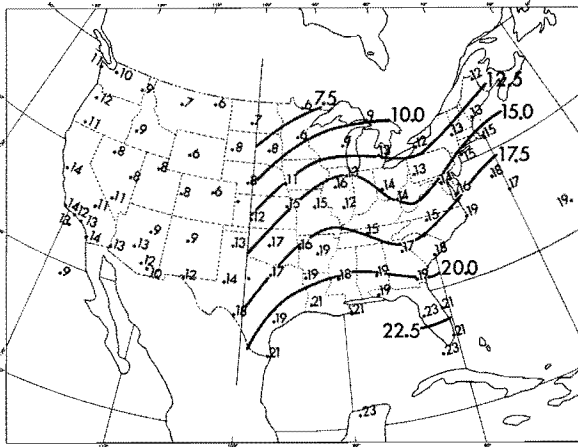


December 1-15

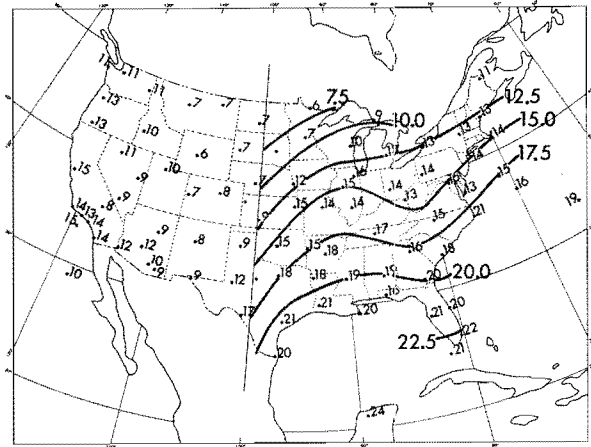


December 16-31

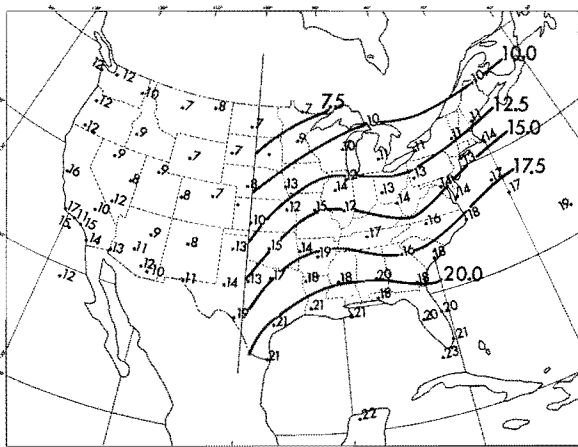
Figure 6.--Same as figure 3, for October through December.



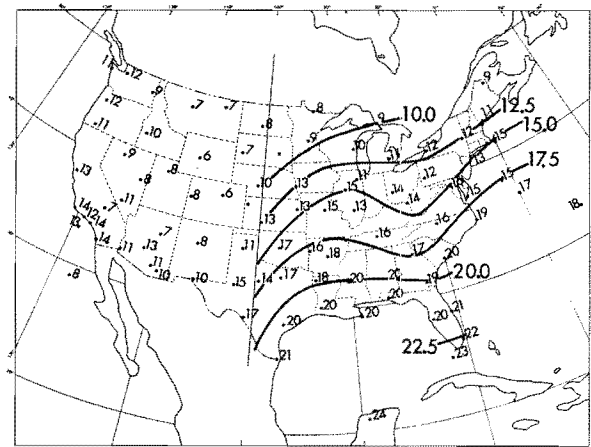
January 1-15



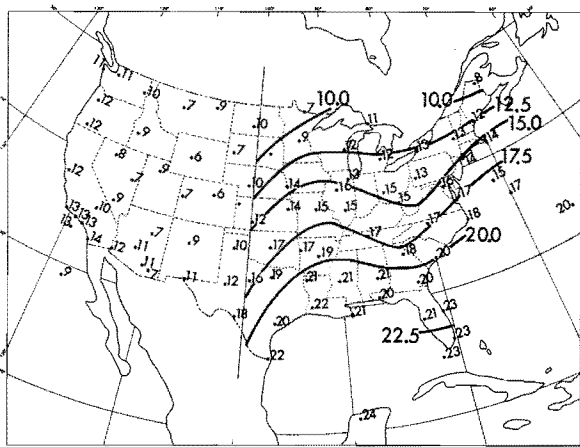
January 16-31



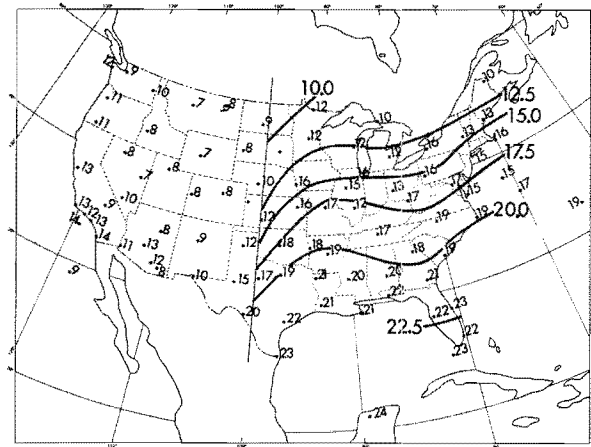
February 1-15



February 16-29

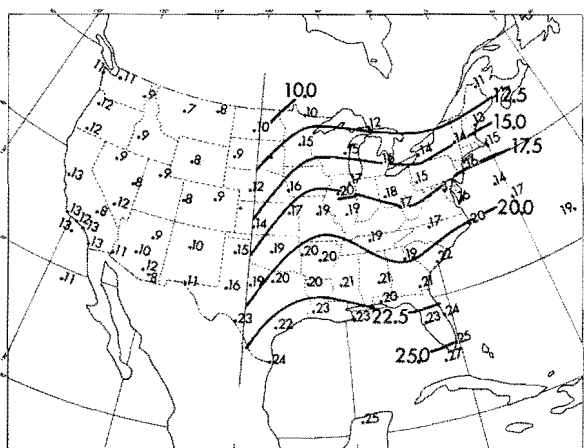


March 1-15

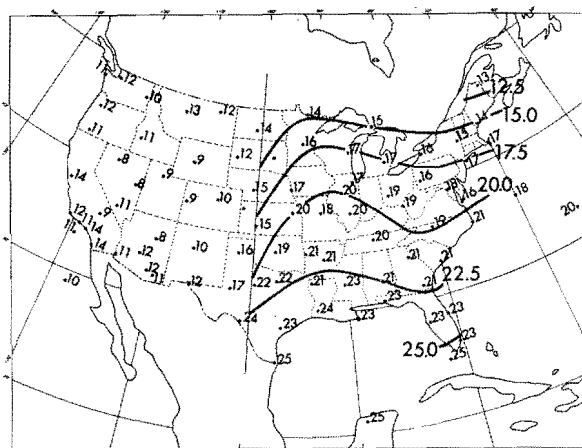


March 16-31

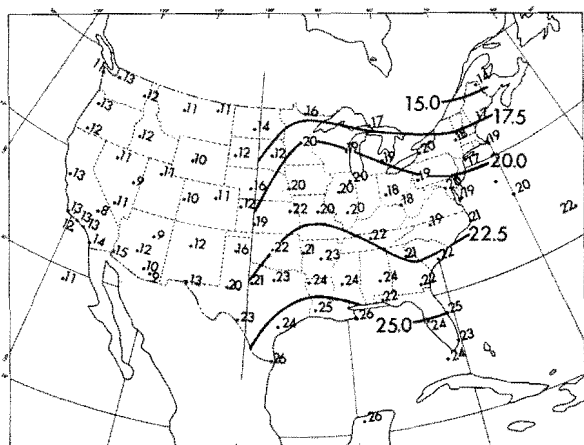
Figure 7.--Contiguous United States, maximum w_p (mm), surface-to-150-mb above surface, by half months, January through March.



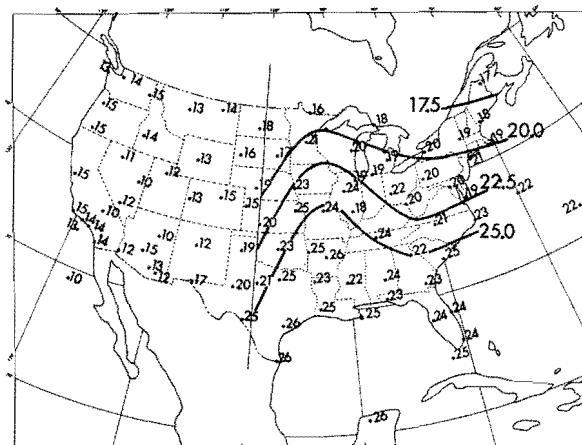
April 1-15



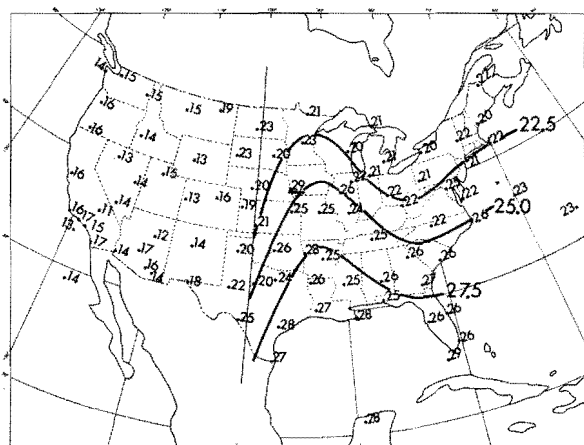
April 16-30



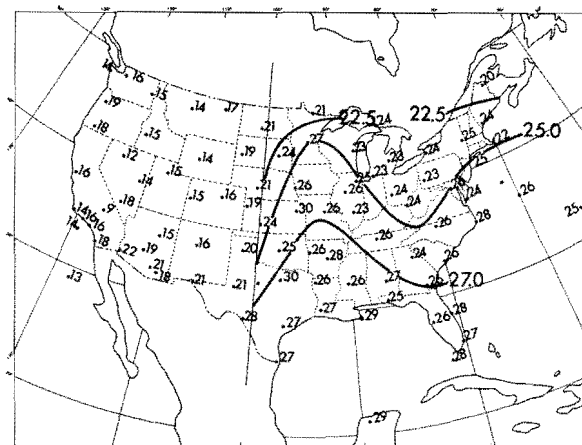
May 1-15



May 16-31

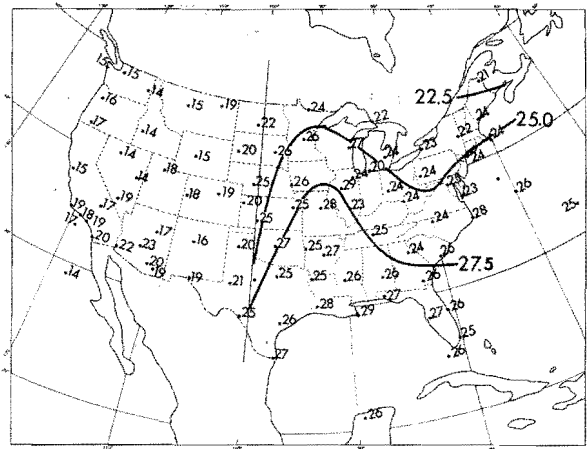


June 1-15

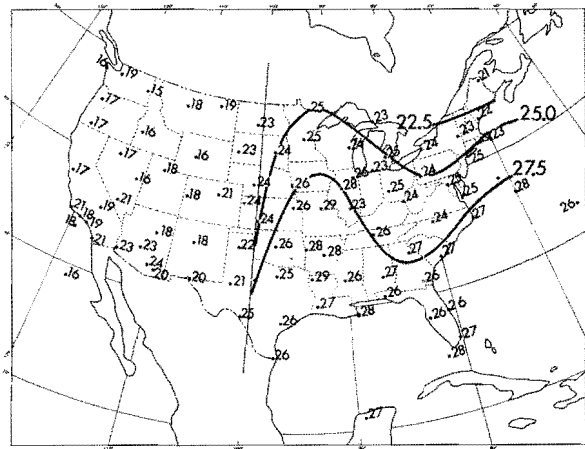


June 16-30

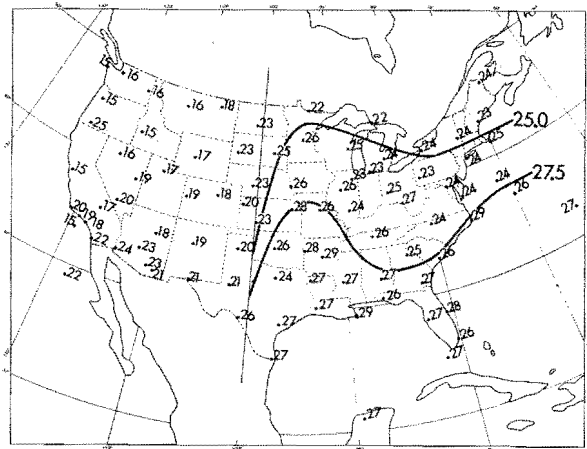
Figure 8.--Same as figure 7, for April through June.



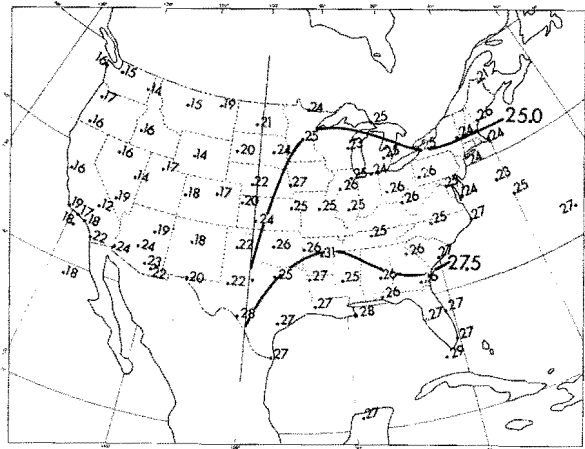
July 1-15



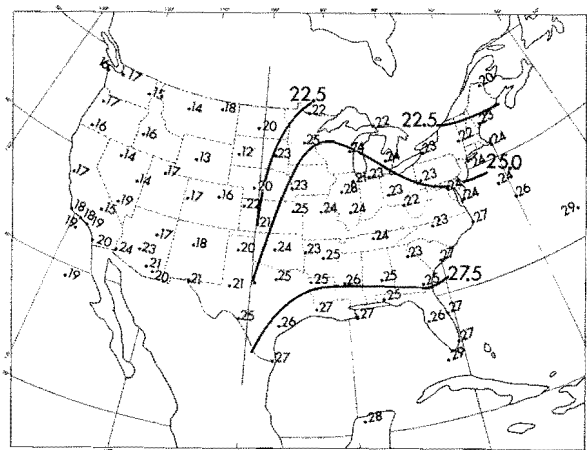
July 16-31



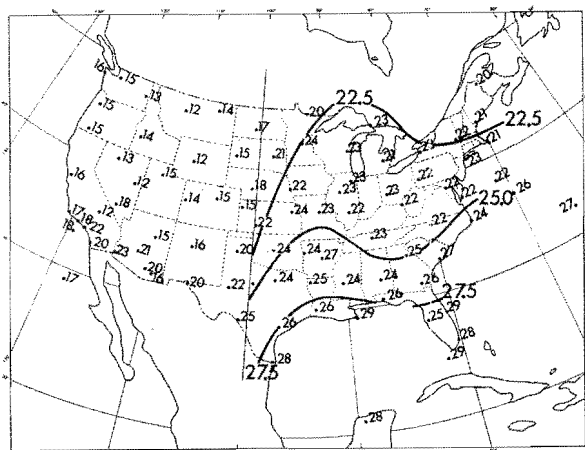
August 1-15



August 16-31

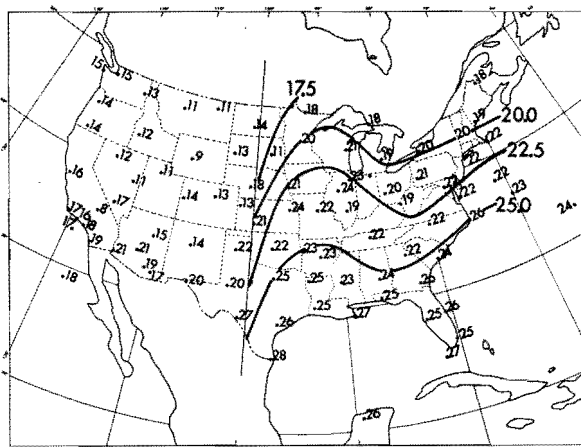


September 1-15

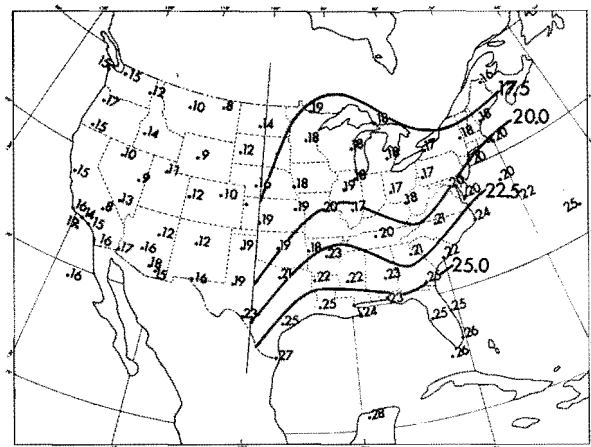


September 16-30

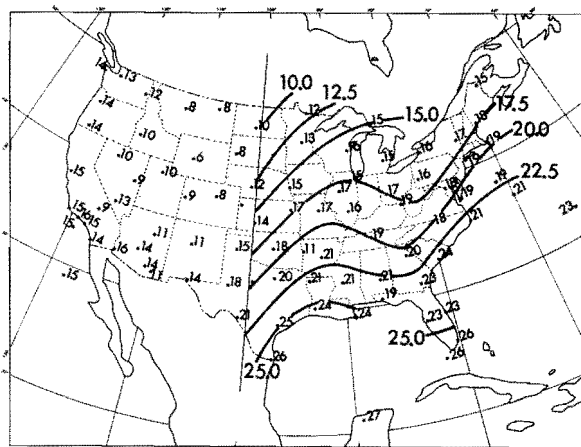
Figure 9.--Same as figure 7, for July through September.



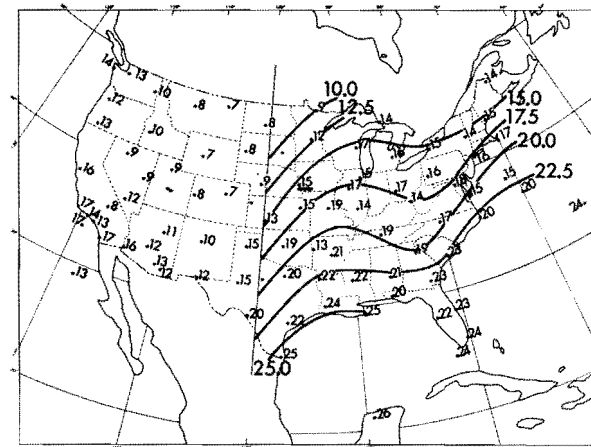
October 1-15



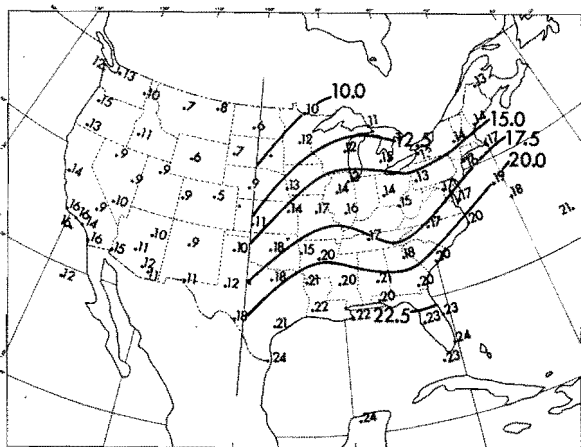
October 16-31



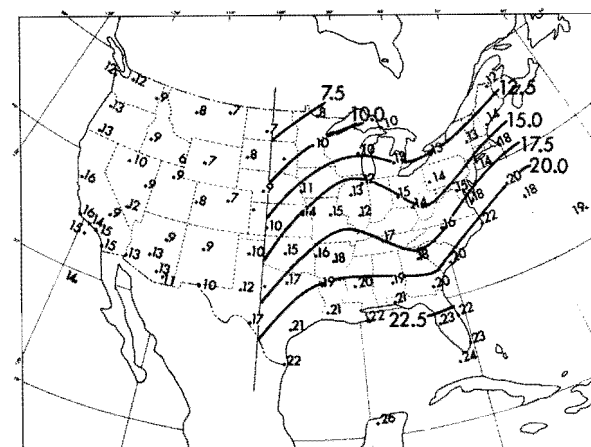
November 1-15



November 16-30

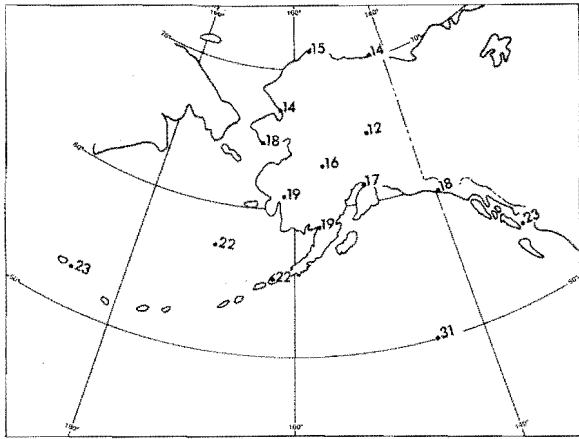


December 1-15

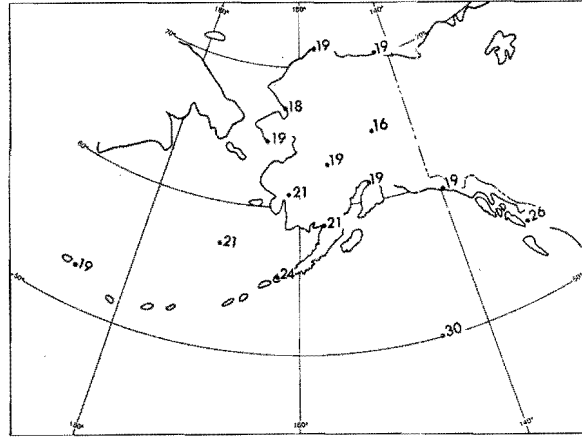


December 16-31

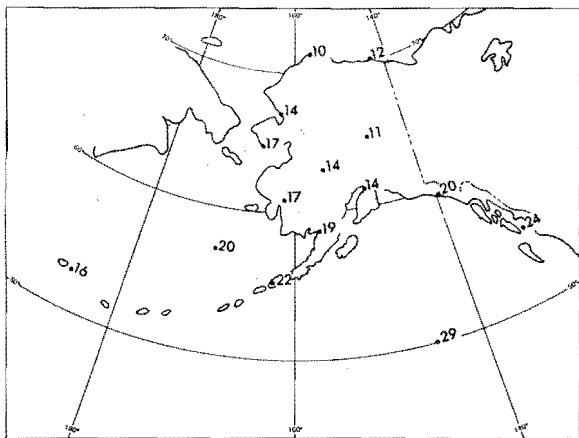
Figure 10.--Same as figure 7, for October through December.



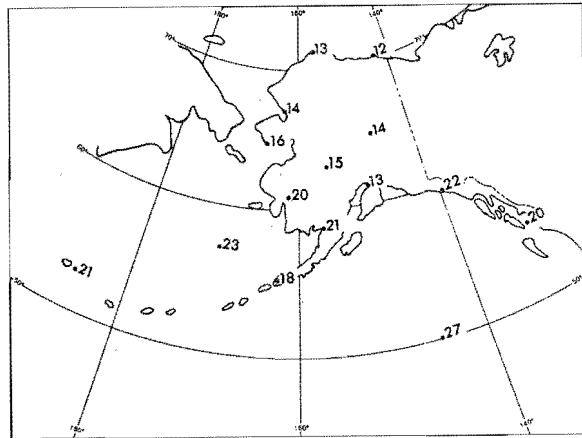
January 1-15



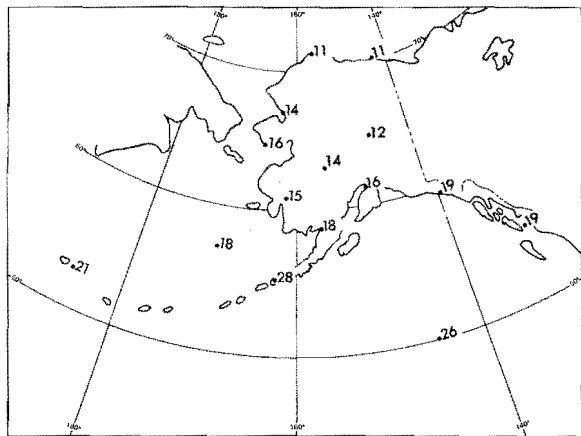
January 16-31



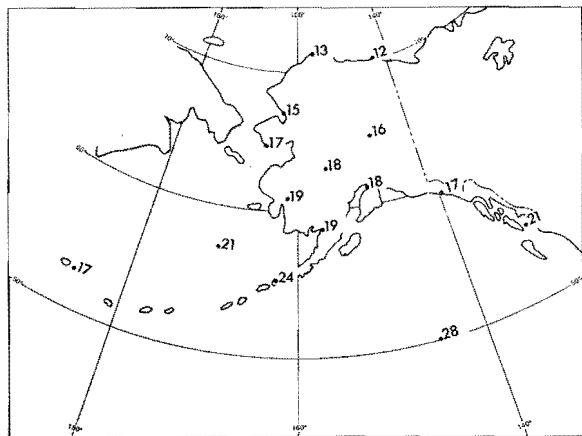
February 1-15



February 16-29

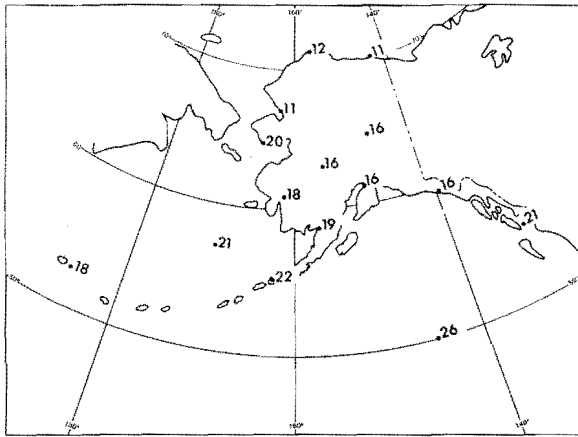


March 1-15

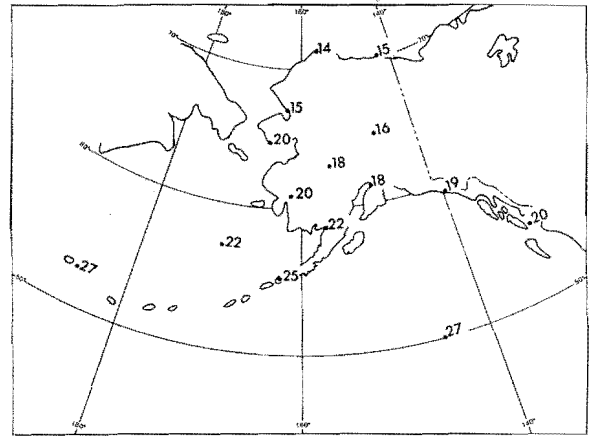


March 16-31

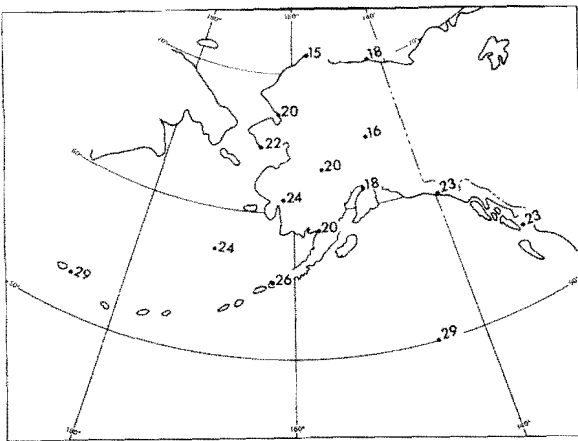
Figure 11.--Alaska, maximum wp, surface-to-500-mb (mm), by half months, January through March.



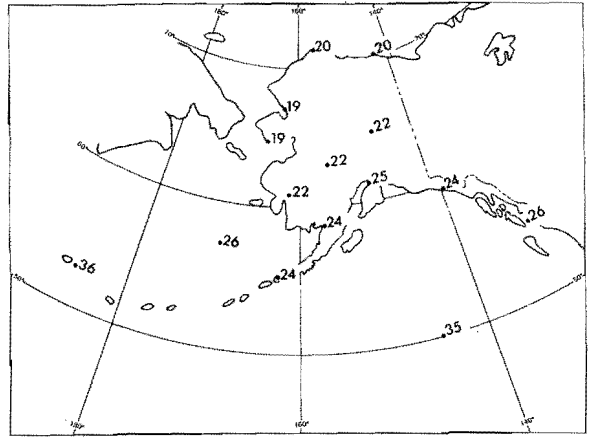
April 1-15



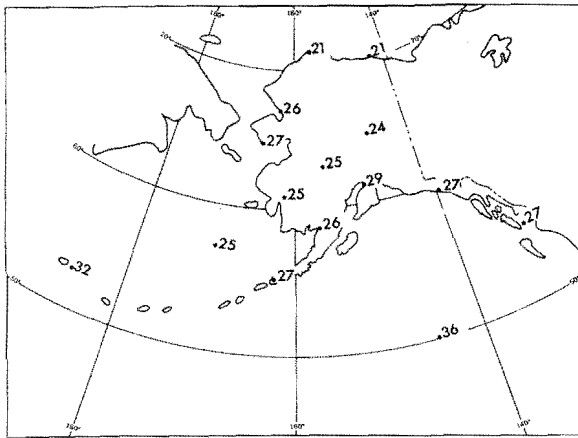
April 16-30



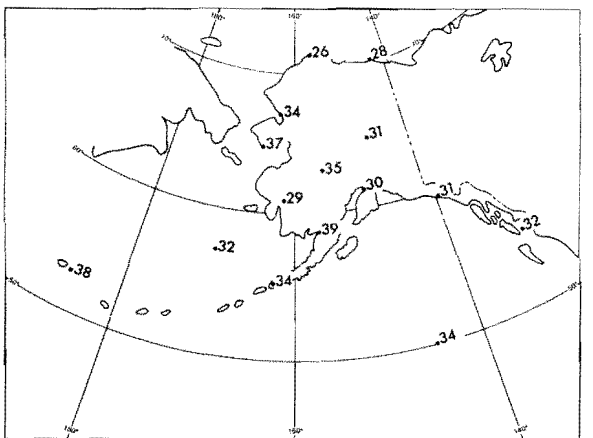
May 1-15



May 16-31

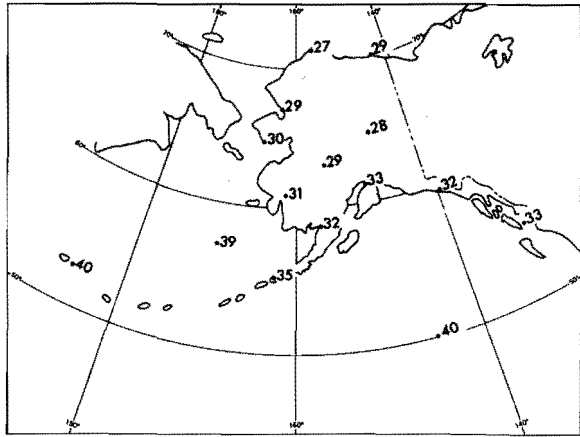


June 1-15

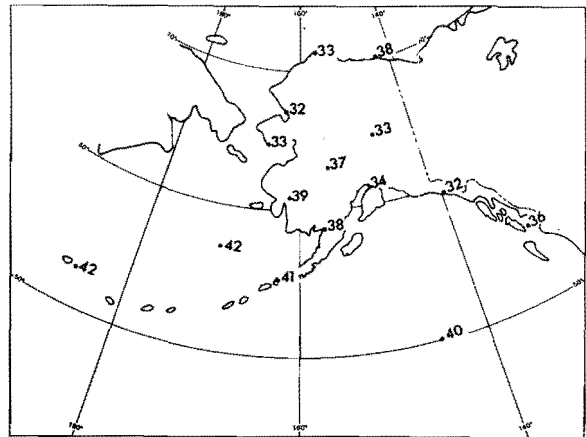


June 16-30

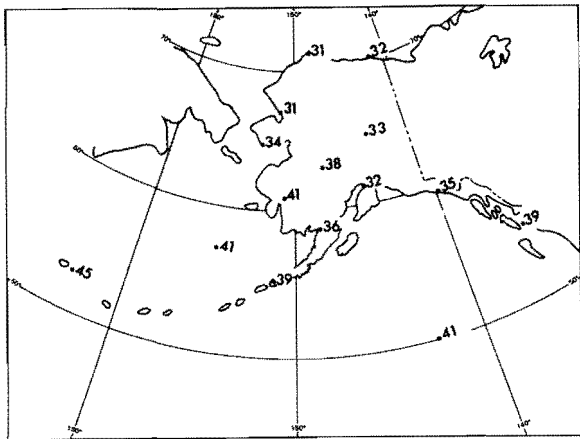
Figure 12.--Same as figure 11, for April through June.



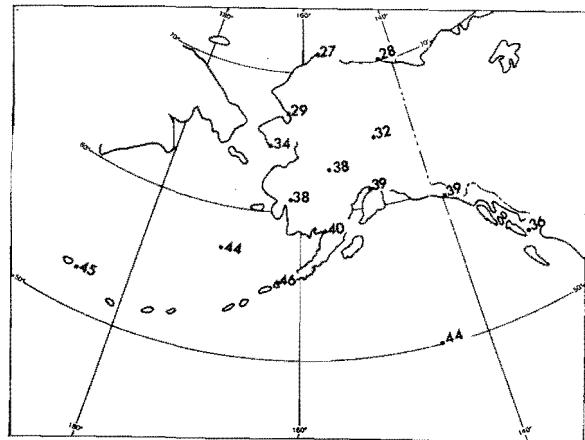
July 1-15



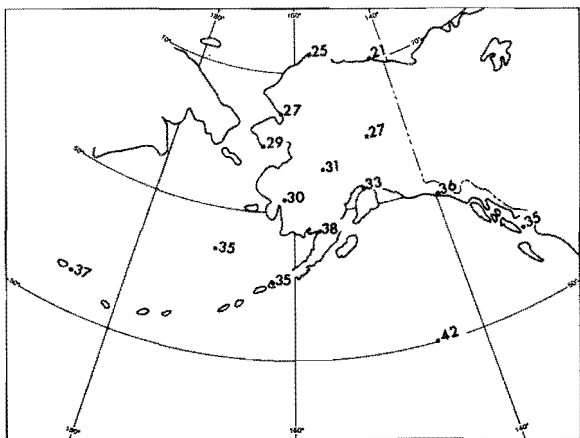
July 16-31



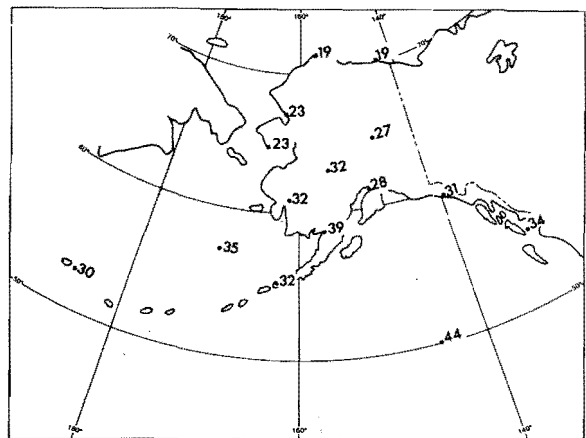
August 1-15



August 16-31

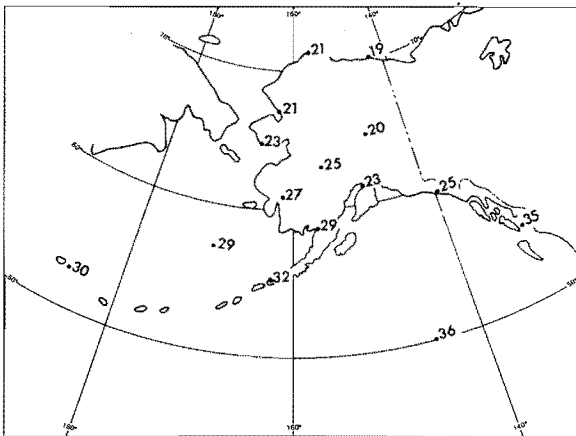


September 1-15

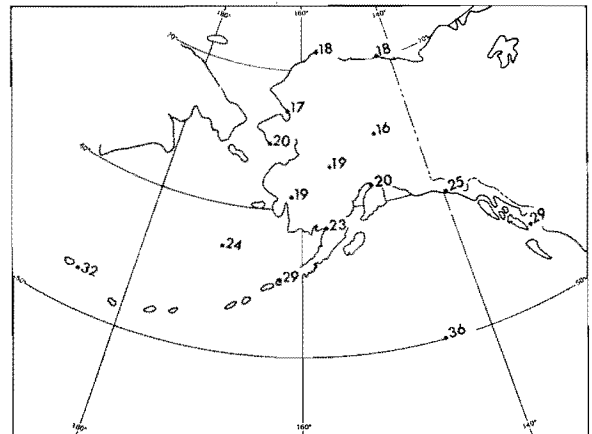


September 16-30

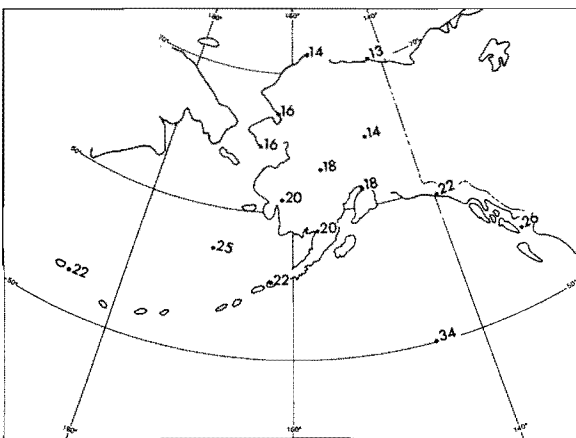
Figure 13.--Same as figure 11, for July through September.



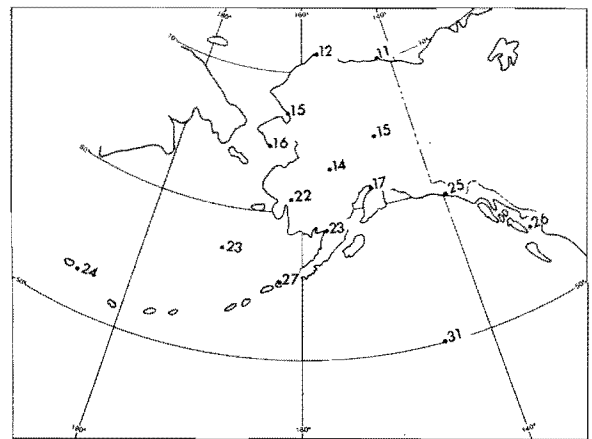
October 1-15



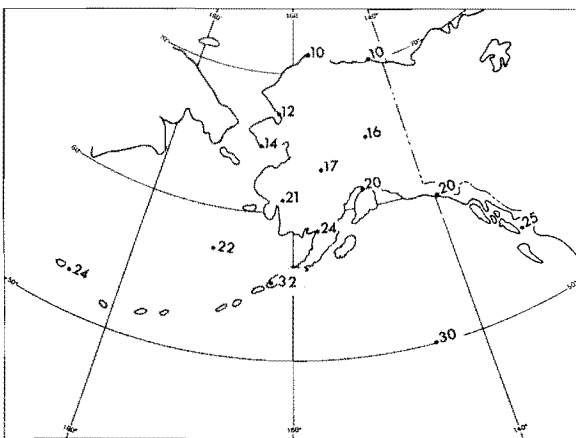
October 16-31



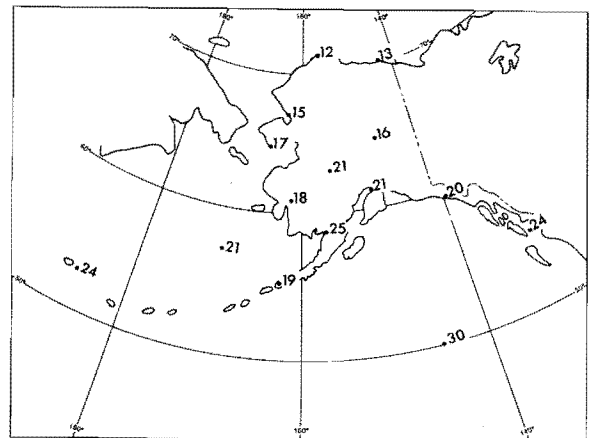
November 1-15



November 16-30

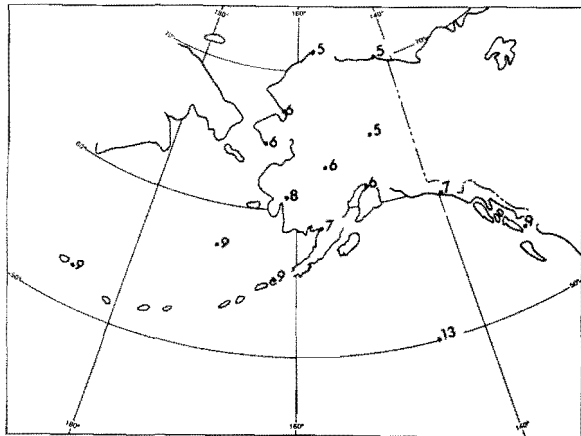


December 1-15

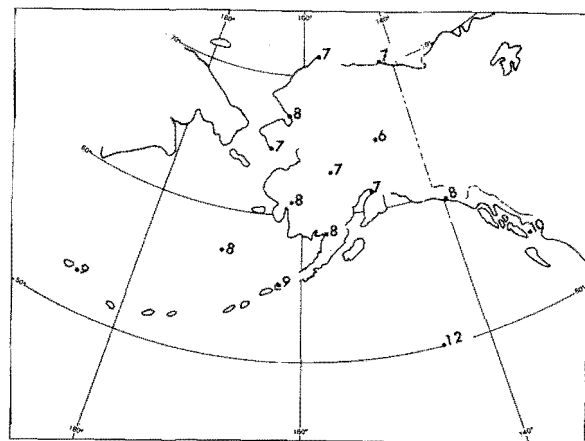


December 16-31

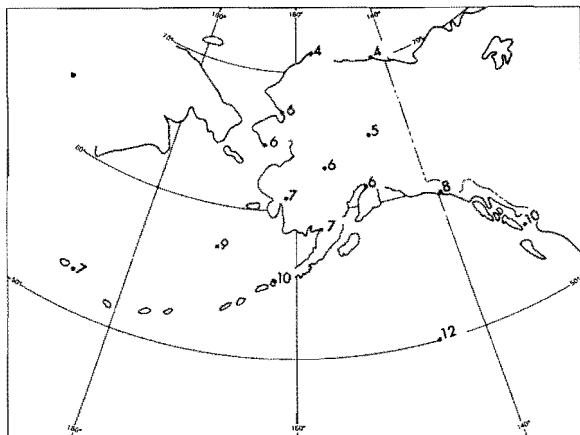
Figure 14.--Same as figure 11, for October through December.



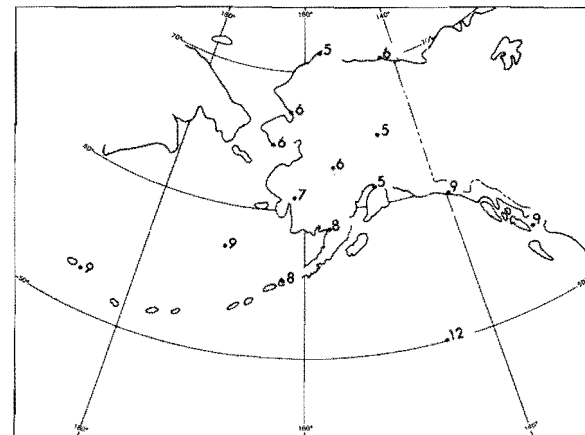
January 1-15



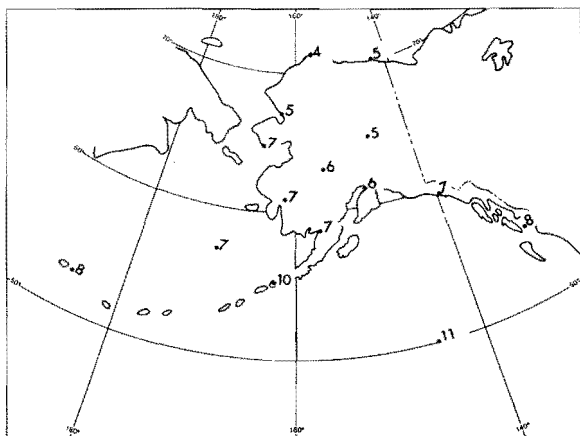
January 16-31



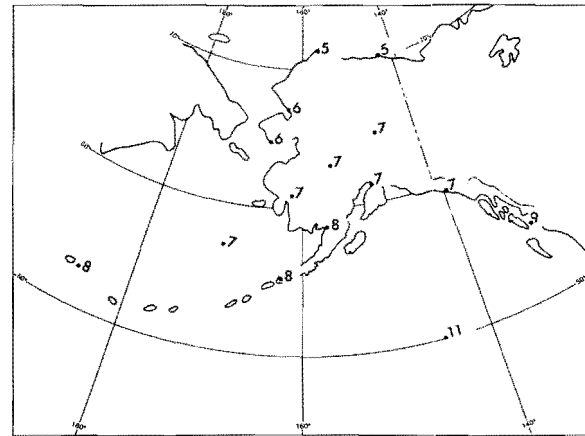
February 1-15



February 16-29

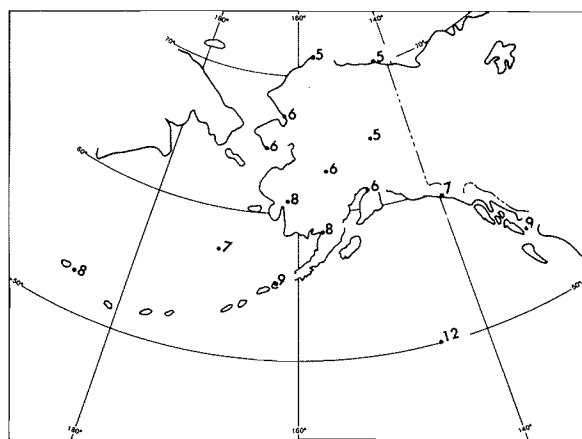


March 1-15

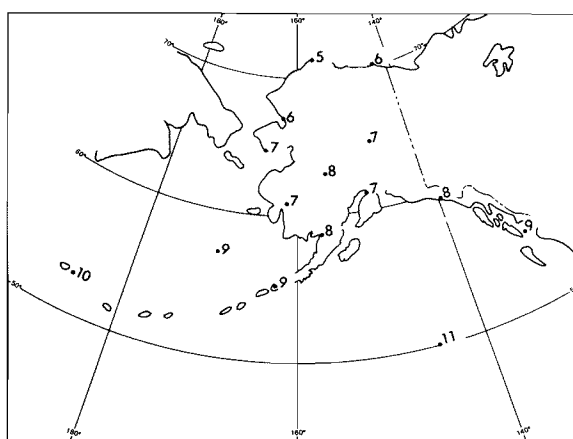


March 16-31

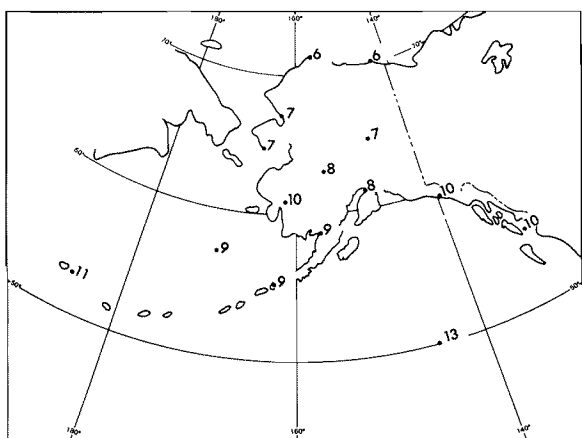
Figure 15.--Alaska, maximum up (mm), surface-to-150-mb above surface, by half months, January through March.



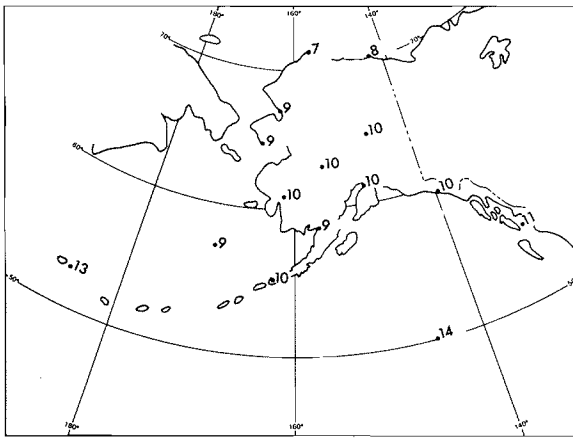
April 1-15



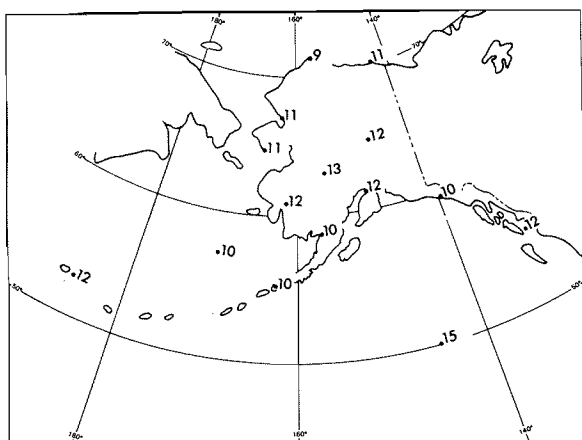
April 16-30



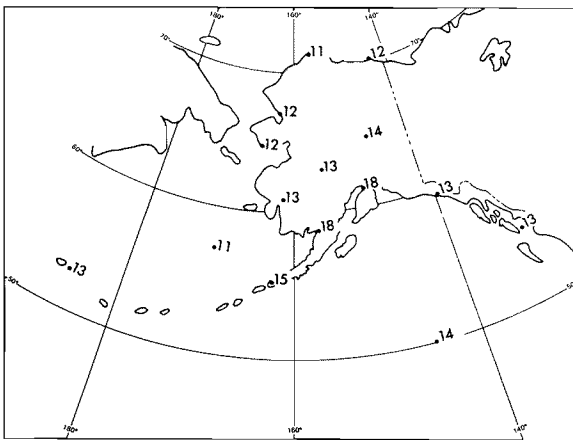
May 1-15



May 16-31

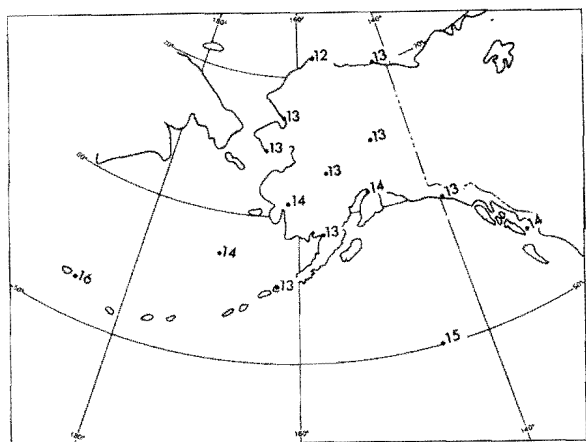


June 1-15

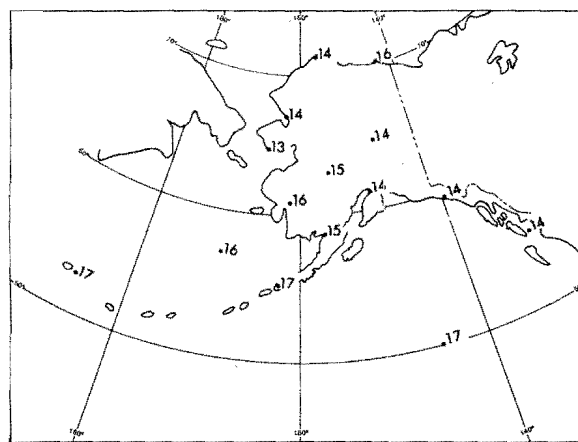


June 16-30

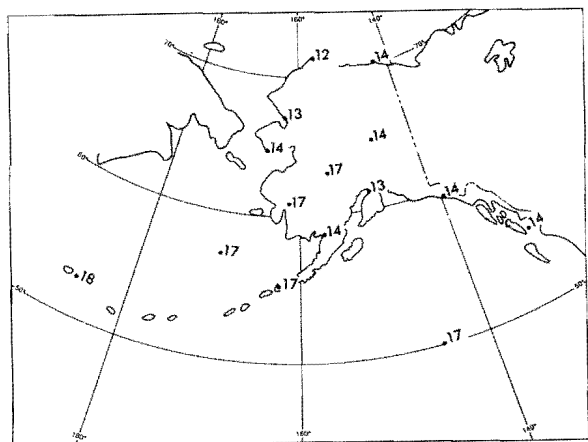
Figure 16.--Same as figure 15, for April through June.



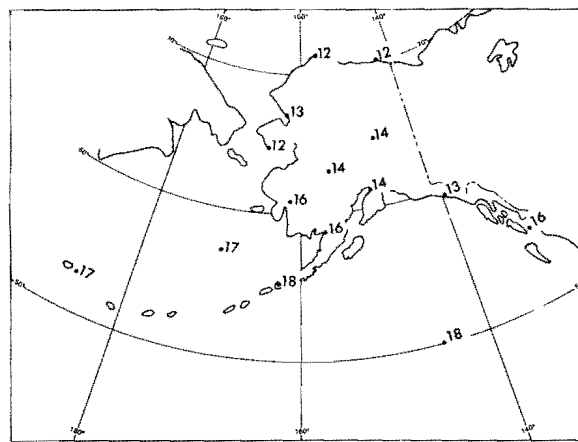
July 1-15



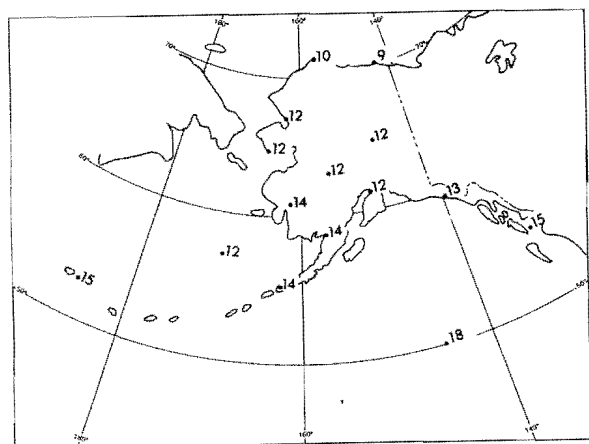
July 16-31



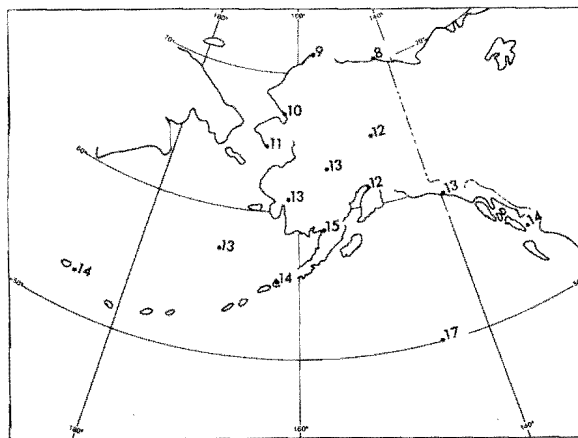
August 1-15



August 16-31

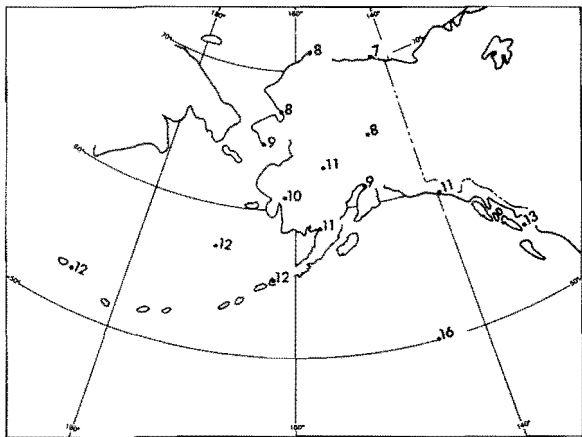


September 1-15

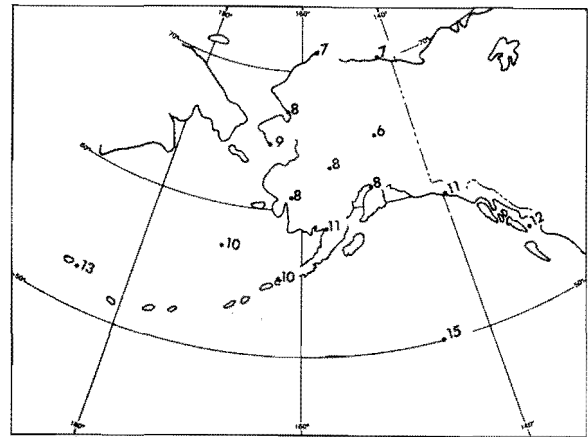


September 16-30

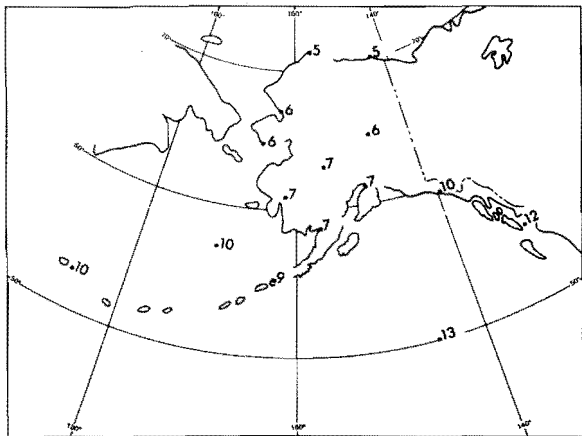
Figure 17.--Same as figure 15, for July through September.



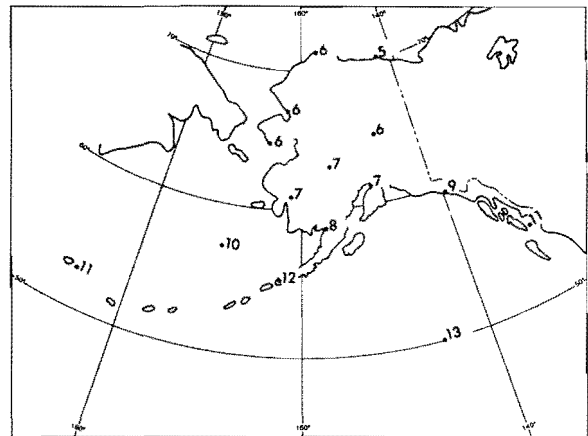
October 1-15



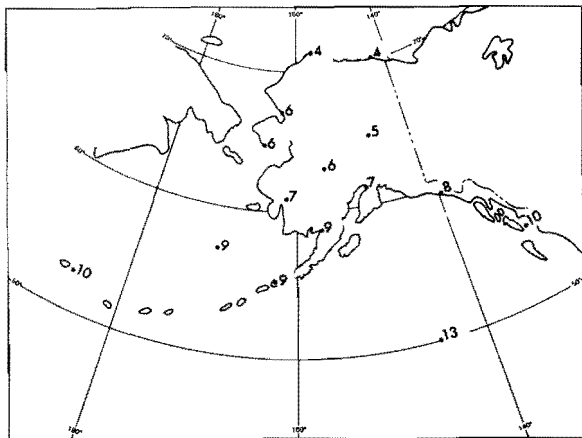
October 16-31



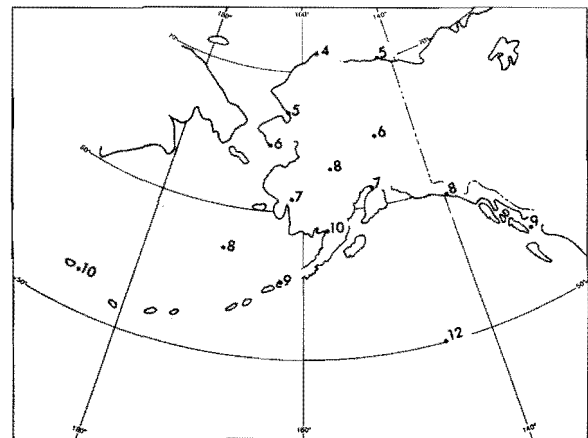
November 1-15



November 16-30



December 1-15



December 16-31

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

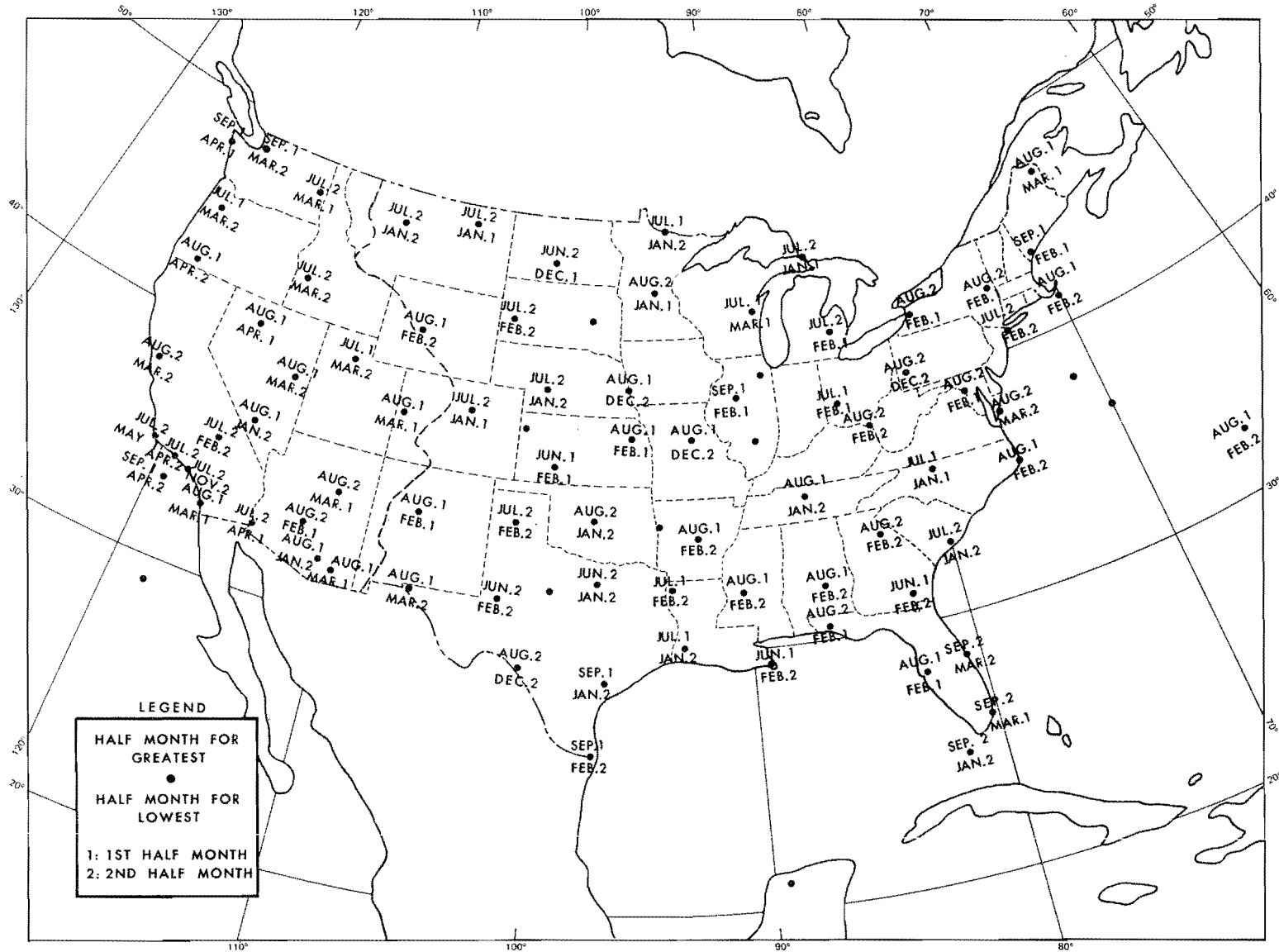


Figure 19.--Contiguous States, half month giving the greatest and lowest maximum w_p .

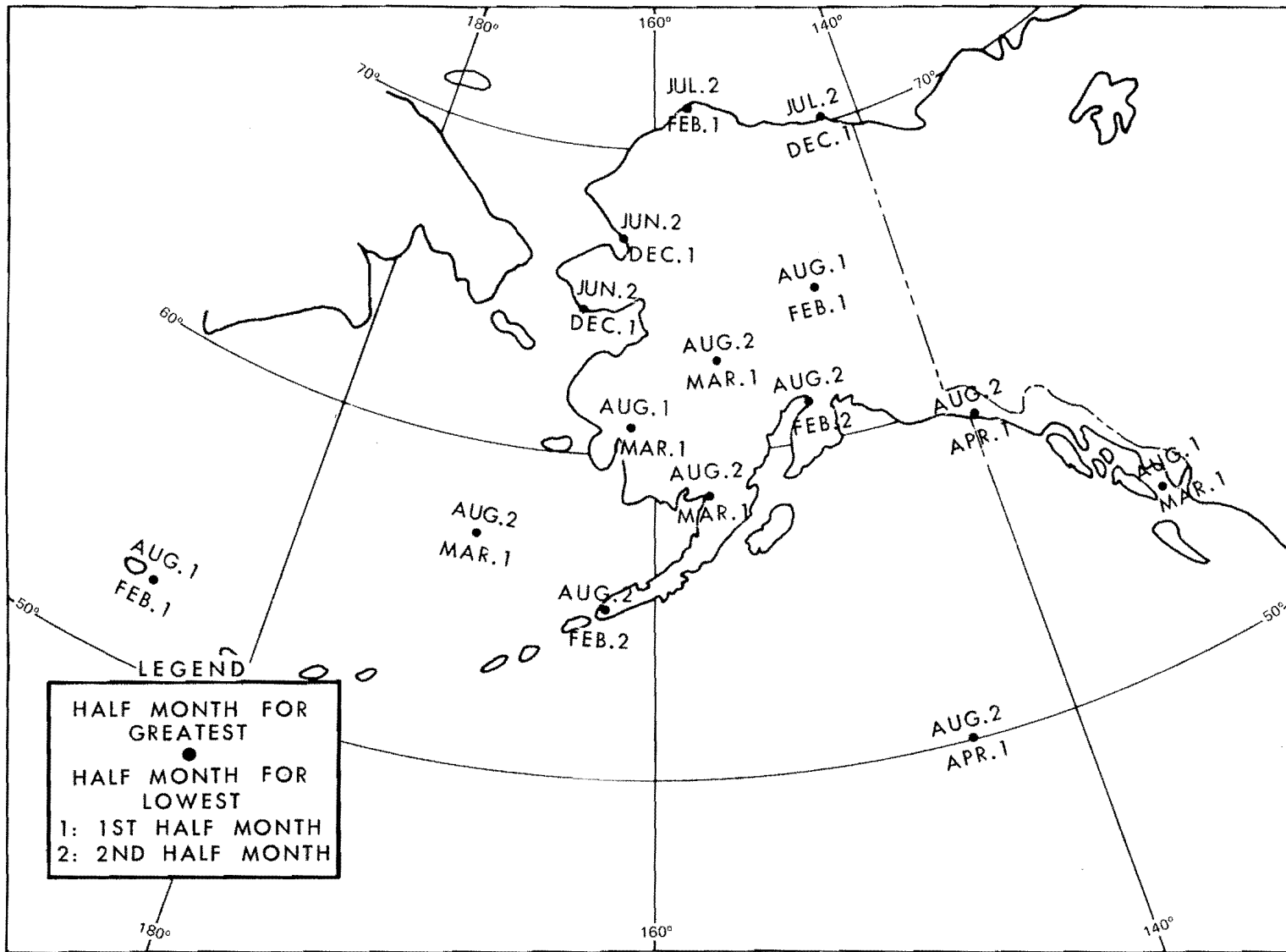


Figure 20.--Alaska, half month giving greatest and lowest maximum w_p .

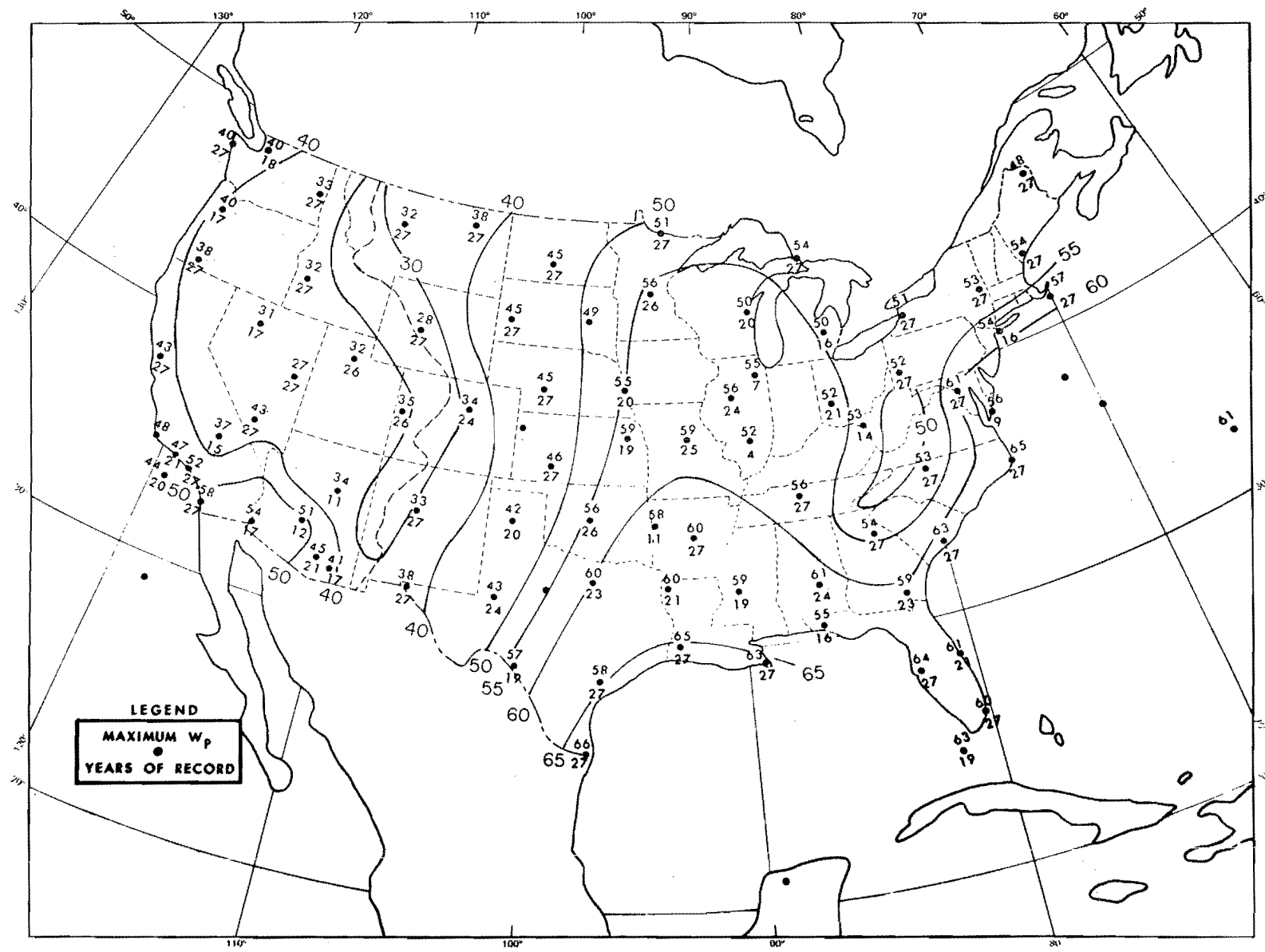


Figure 21.--Contiguous States, envelopment of greatest observed w_p (mm) surface-to-500-mb.

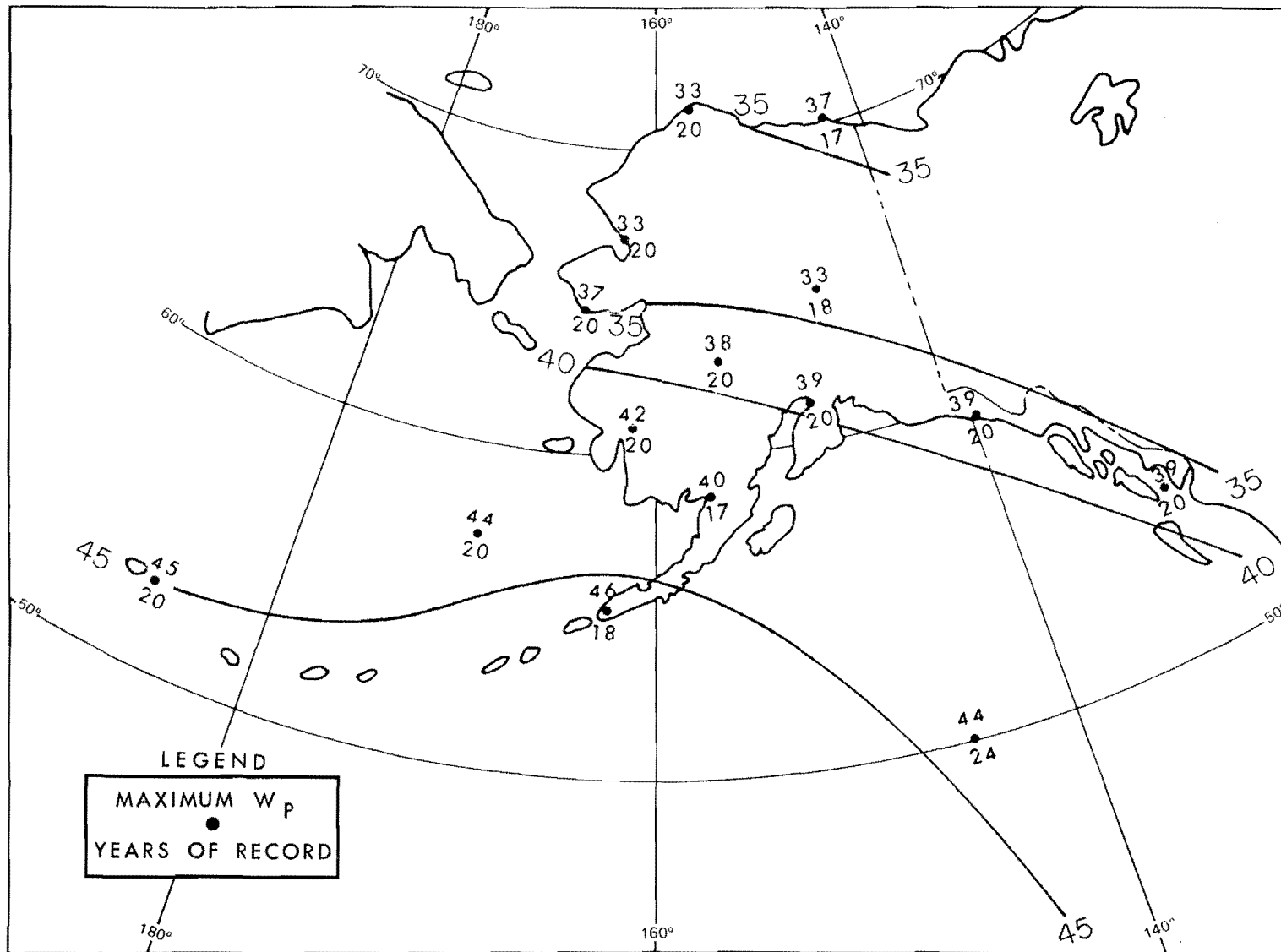
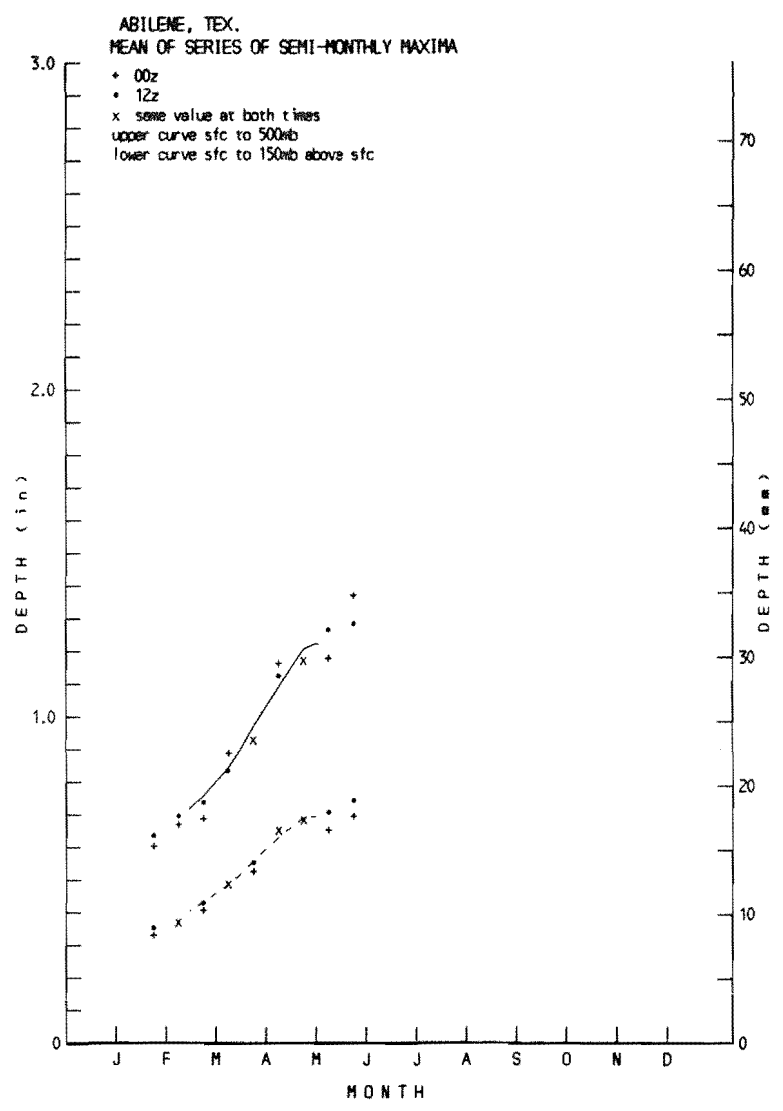
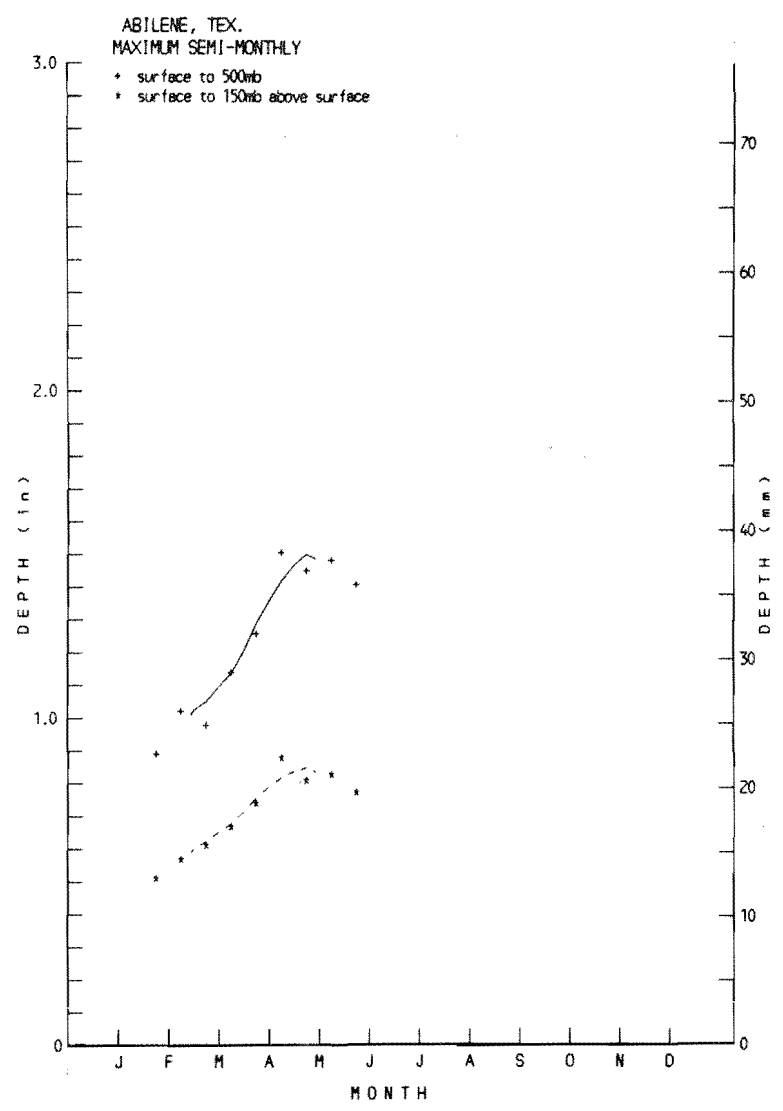


Figure 22.--Alaska, envelopment of greatest observed w_p (mm) surface-to-500-mb.



ABILENE, TEX. 15 YEARS OF RECORD

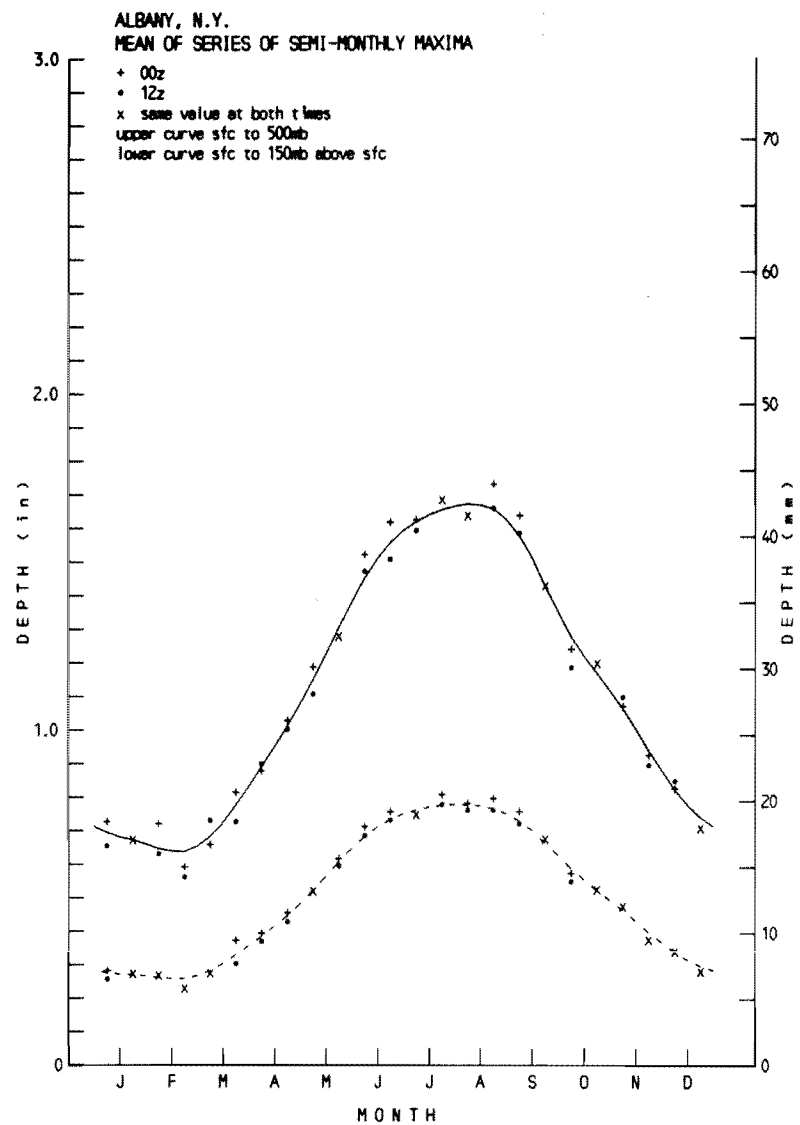
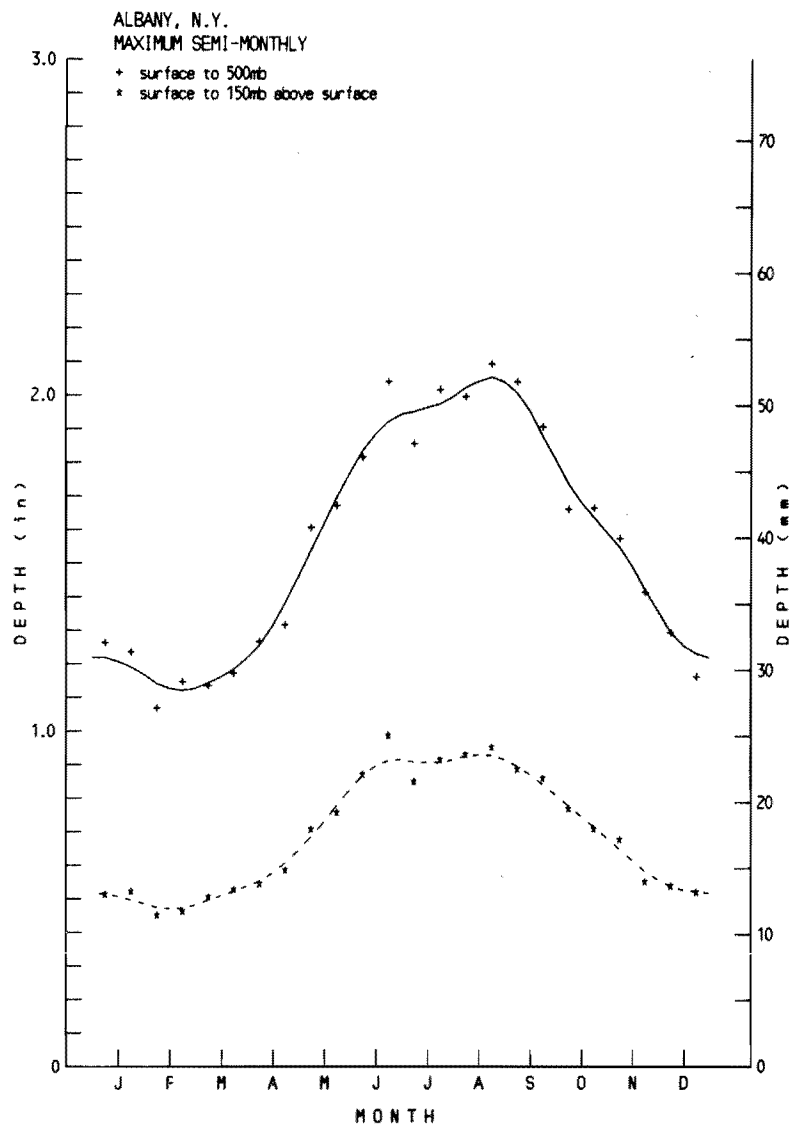
MAXIMUM SEMI-MONTHLY
002(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

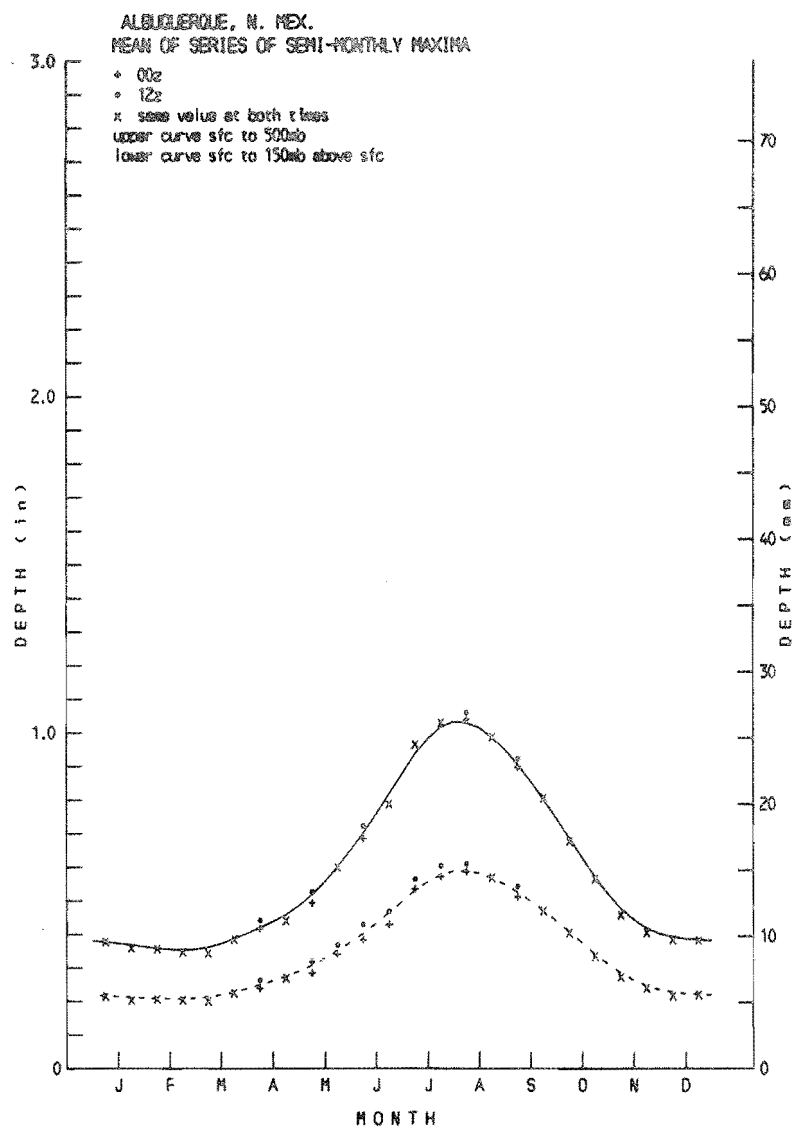
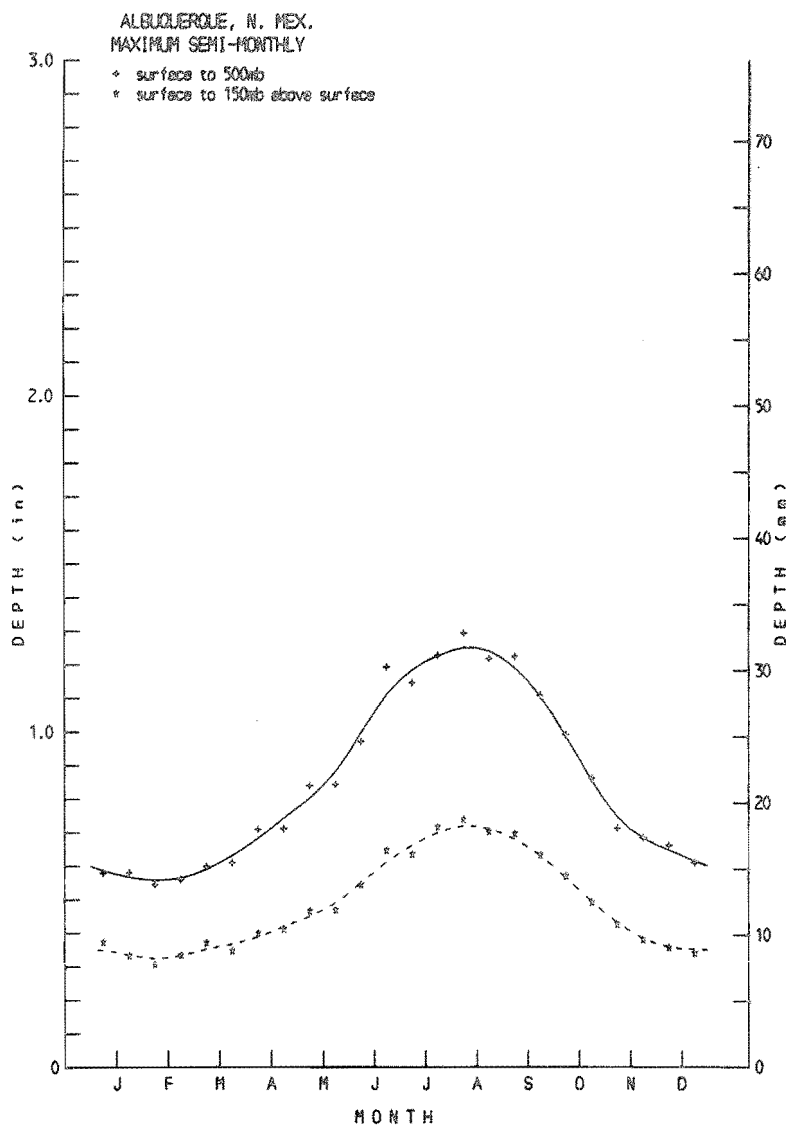
27 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINEDMEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(1.6623)	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.

27 YEARS OF RECORD

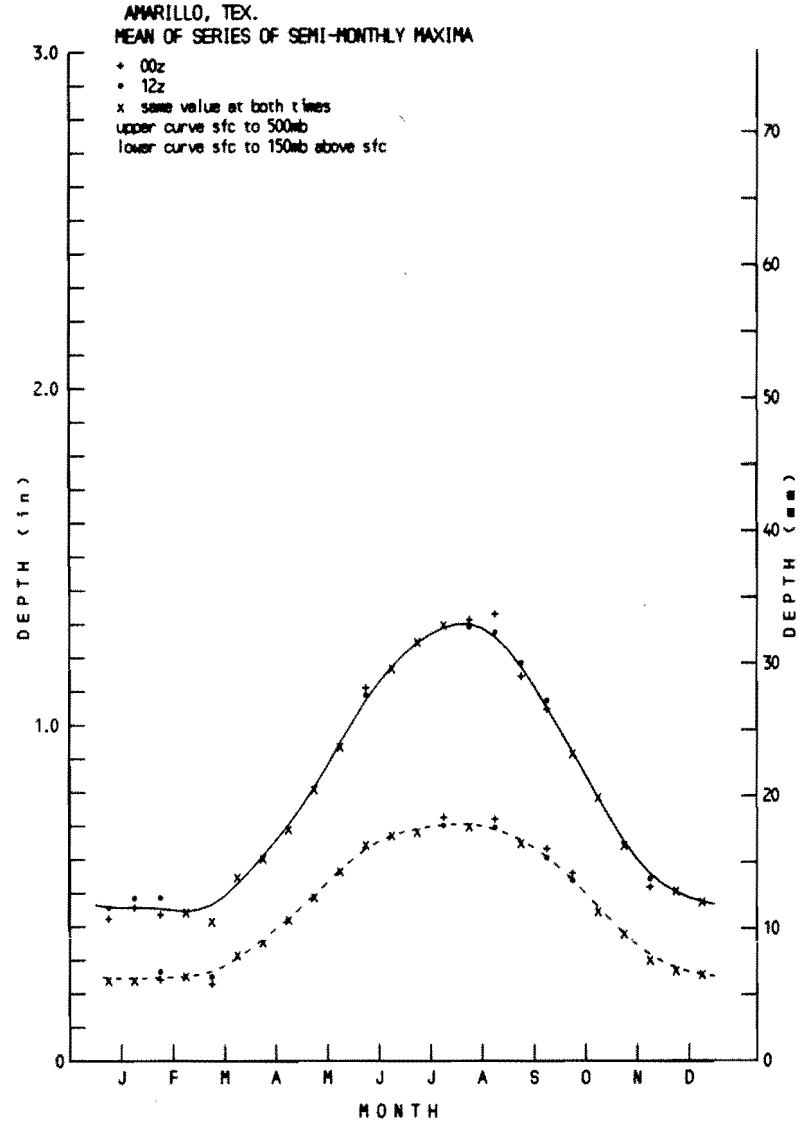
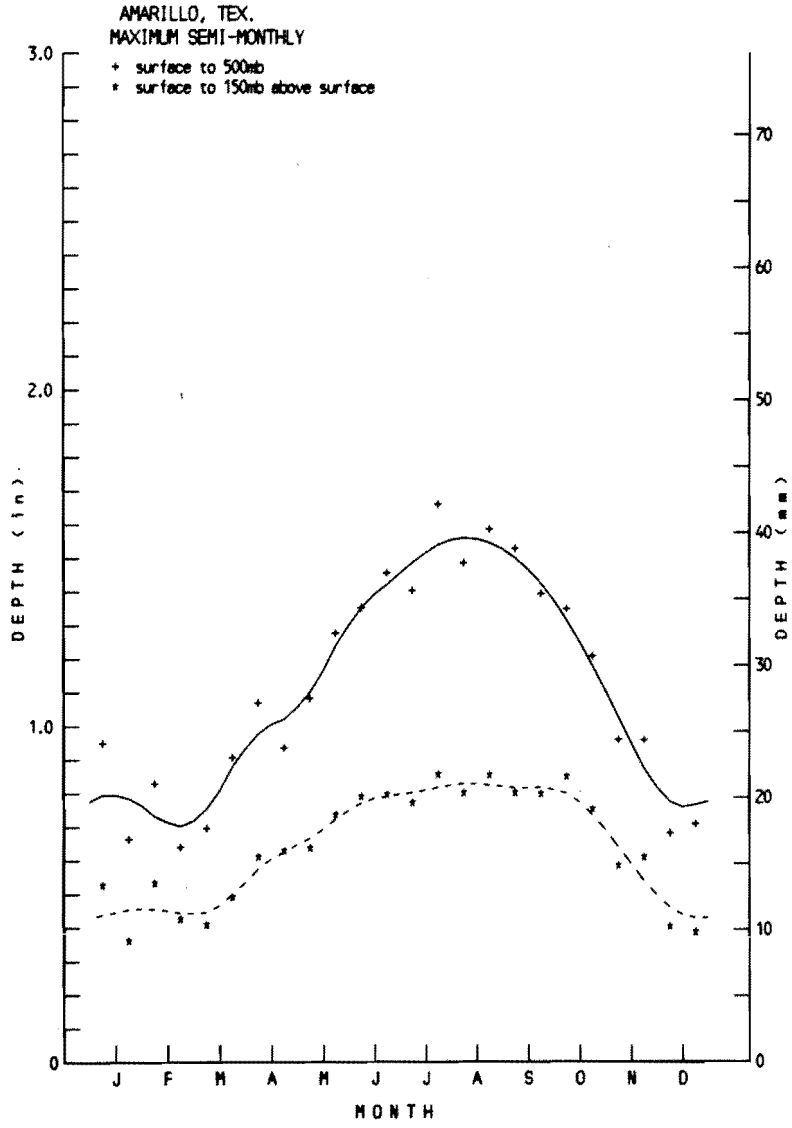
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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)	.1582	(.0615)	2



AMARILLO, TEX.

20 YEARS OF RECORD

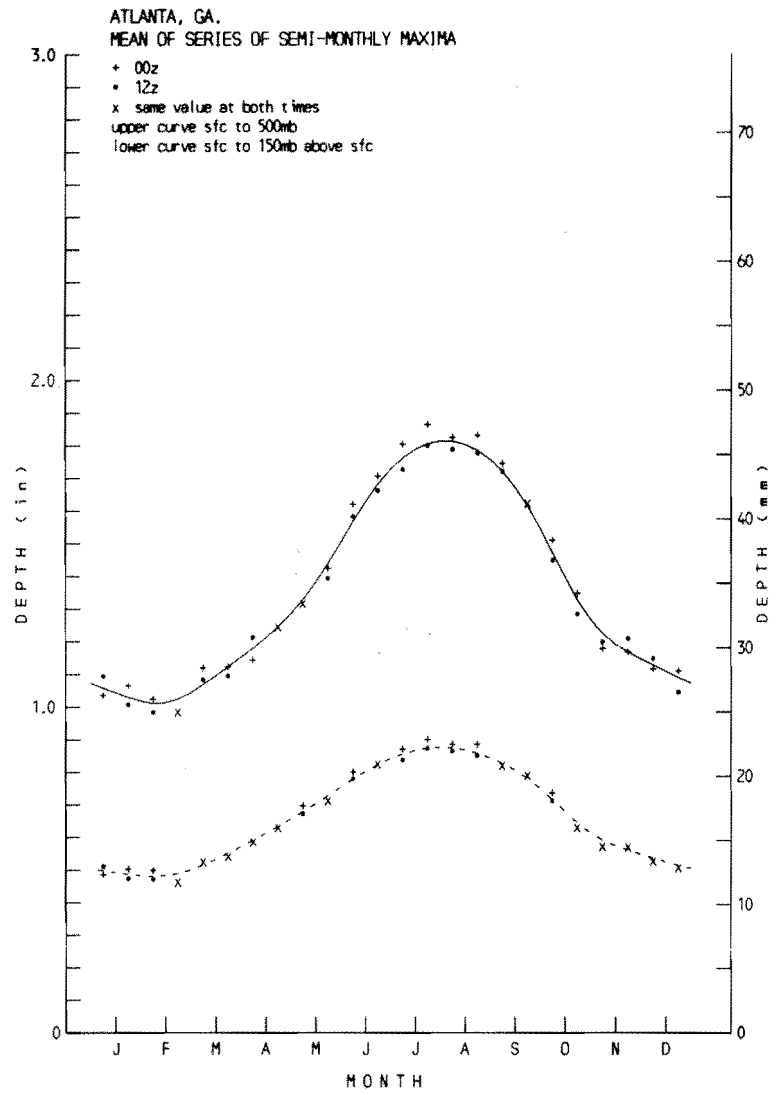
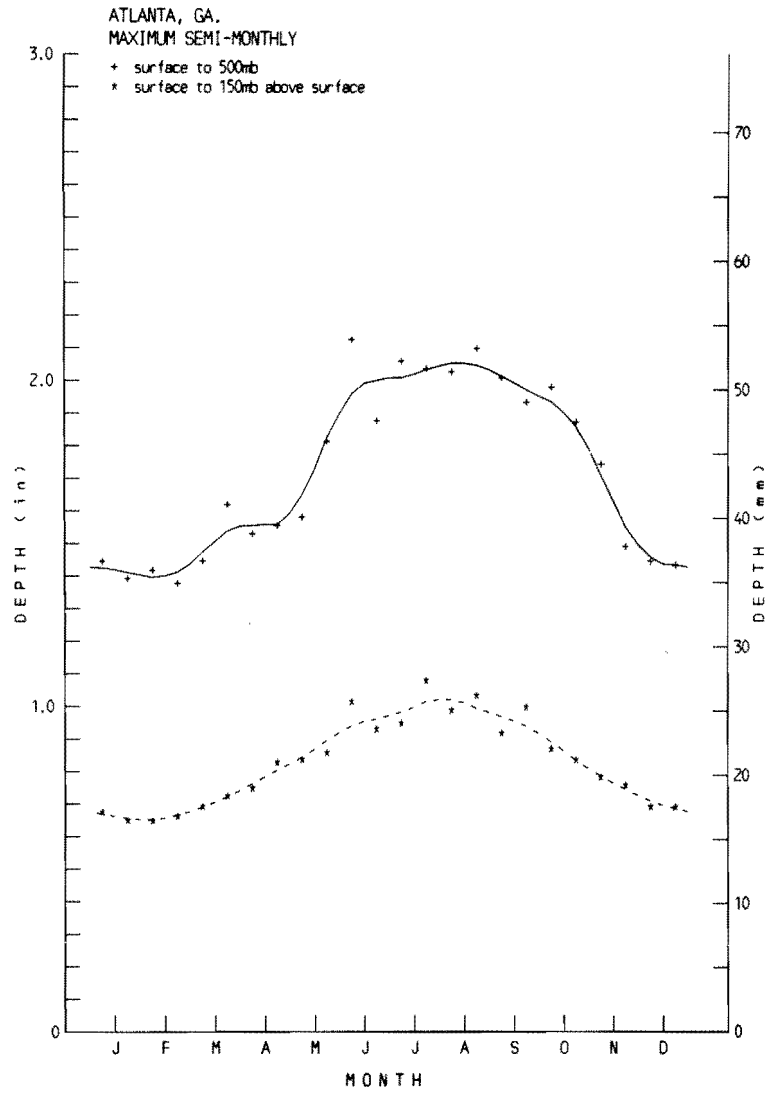
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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.

27 YEARS OF RECORD

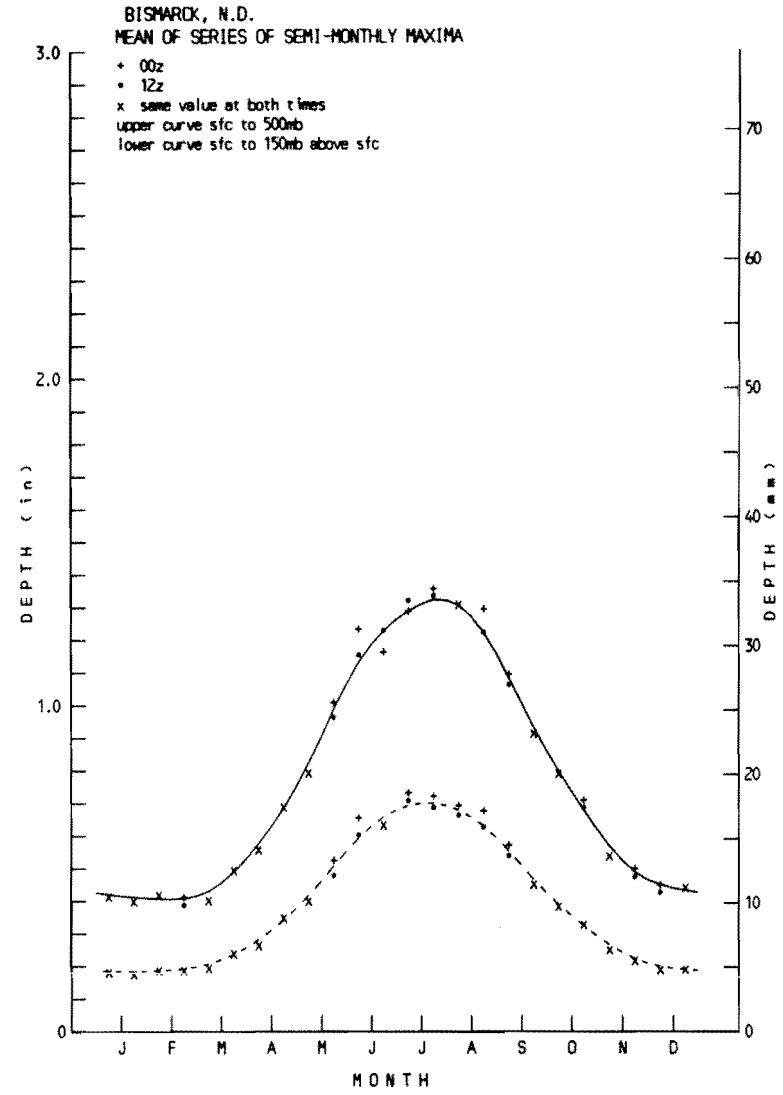
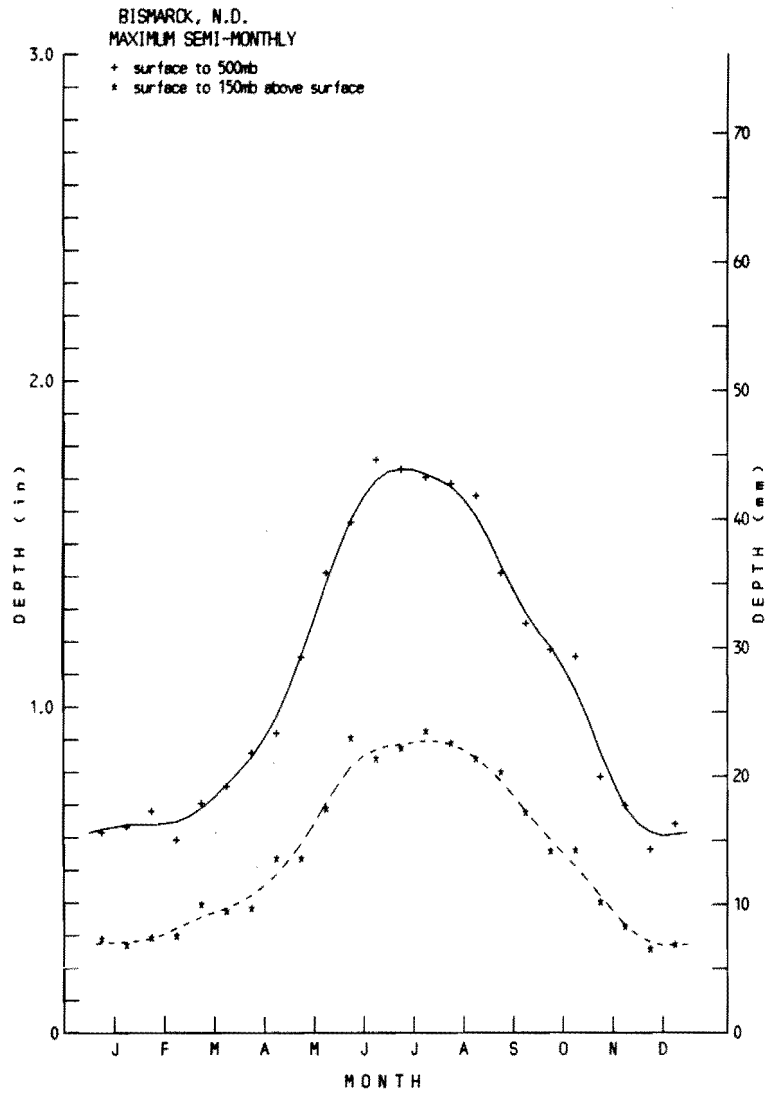
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

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 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)	.2534	(.1006)	DEC-1
2	1.7501	(.6890)	48121703	1.3006	(.5120)	.2736	(.1077)	1.2928	(.5090)	.2716	(.1069)	2



BISMARCK, N.D.

27 YEARS OF RECORD

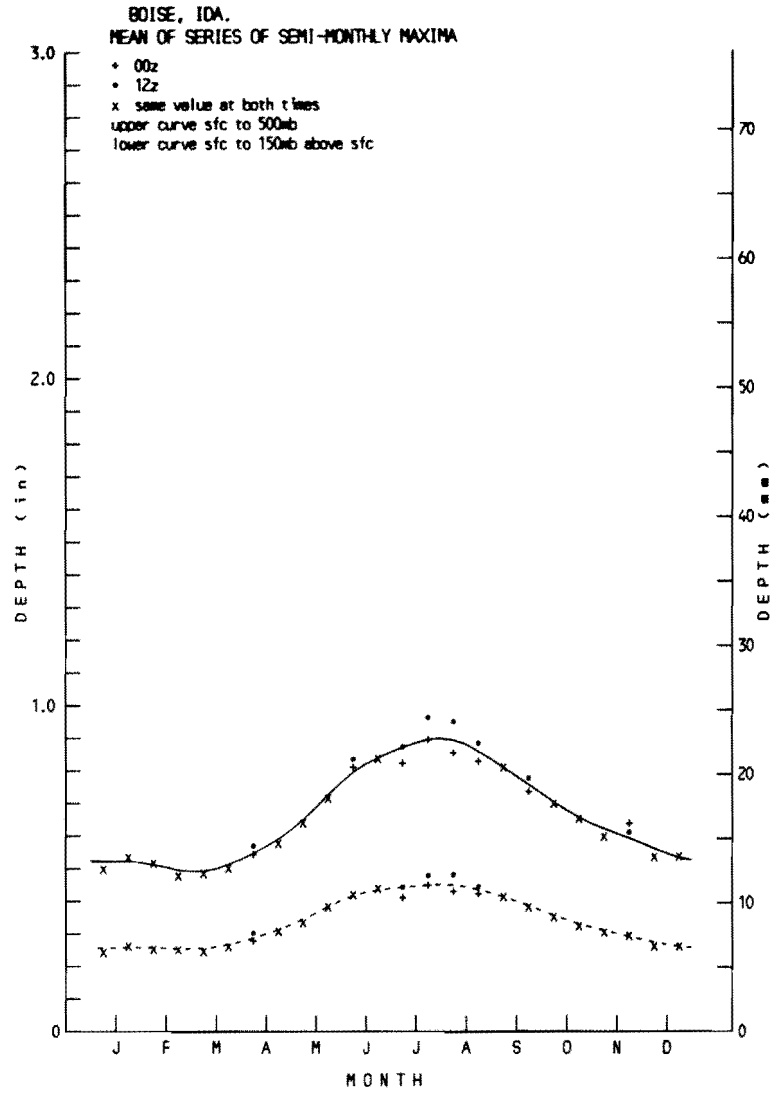
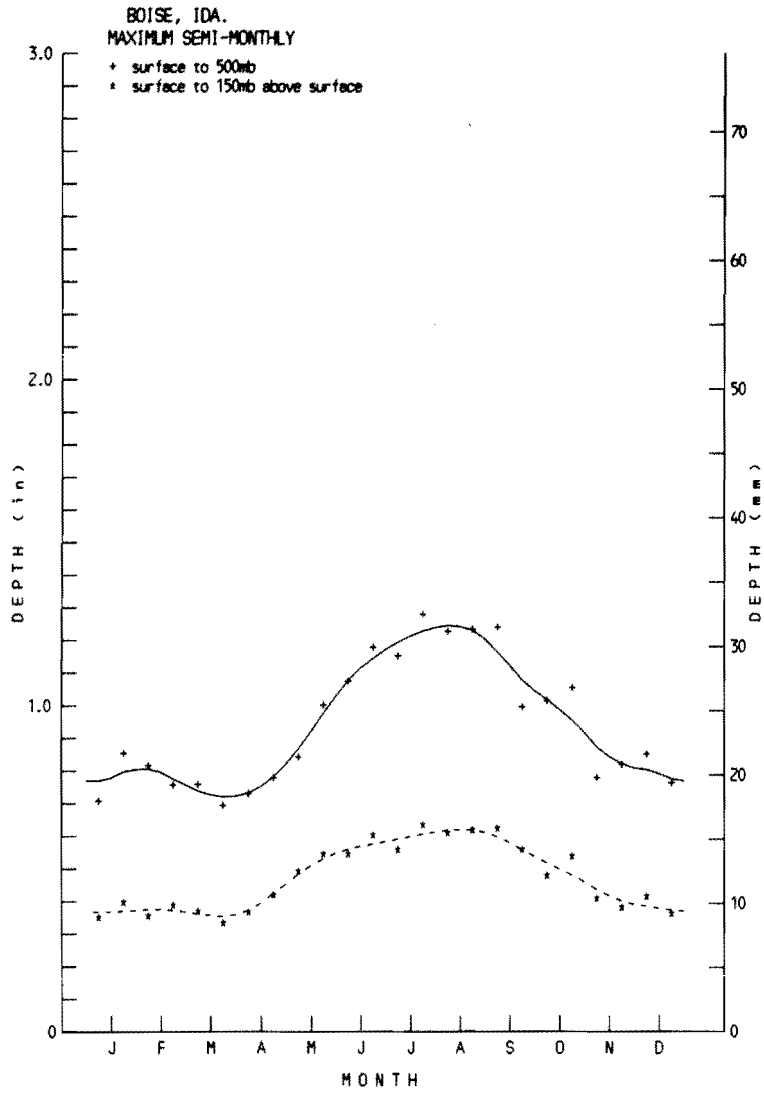
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

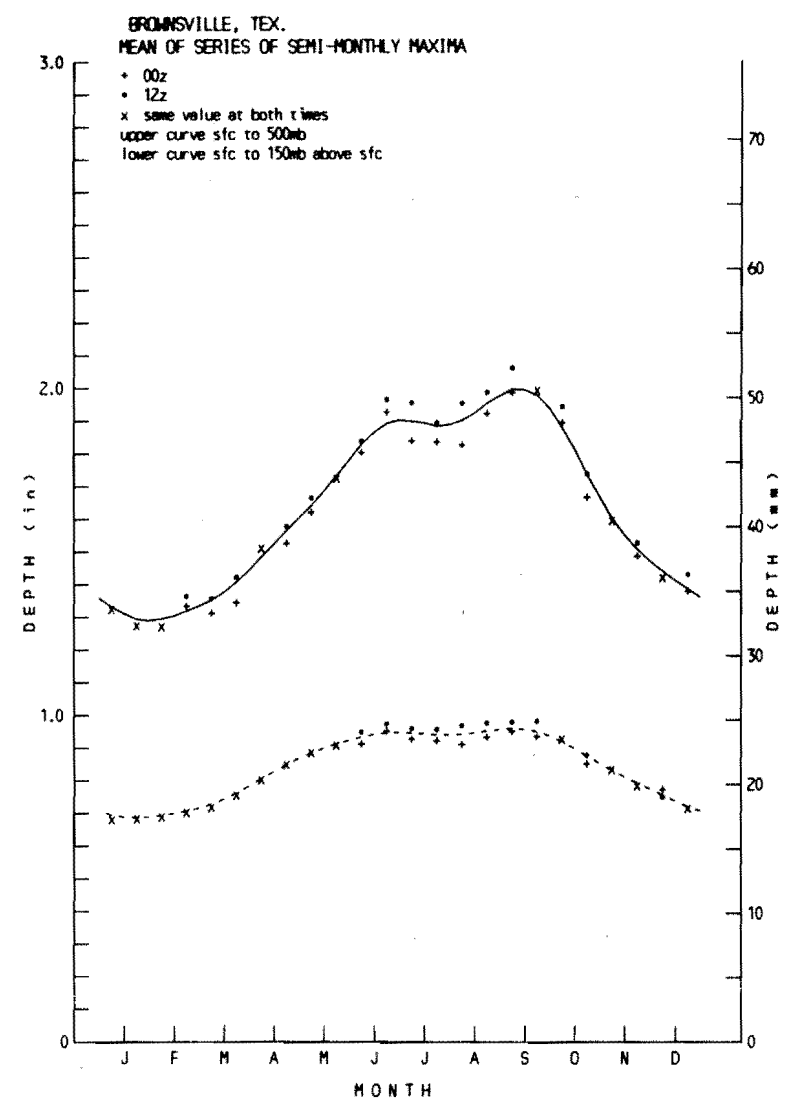
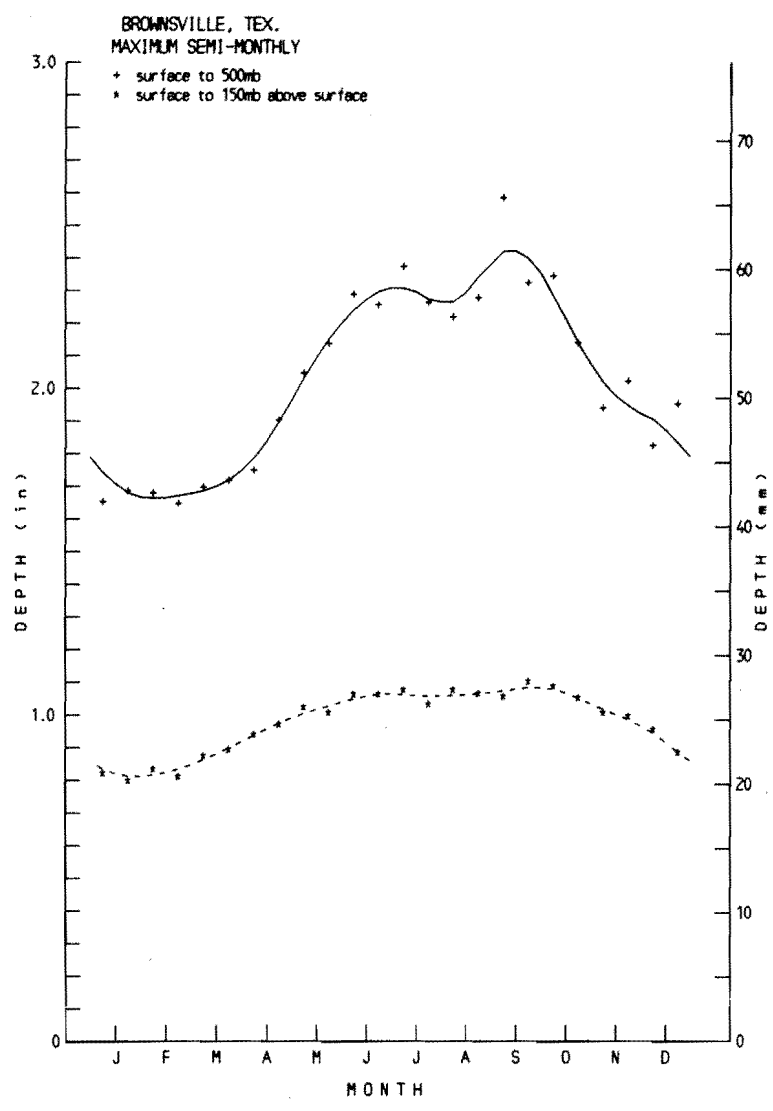
27 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
002(03Z) AND 12Z(15Z) COMBINEDMEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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	(.4530)	.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. 27 YEARS OF RECORD

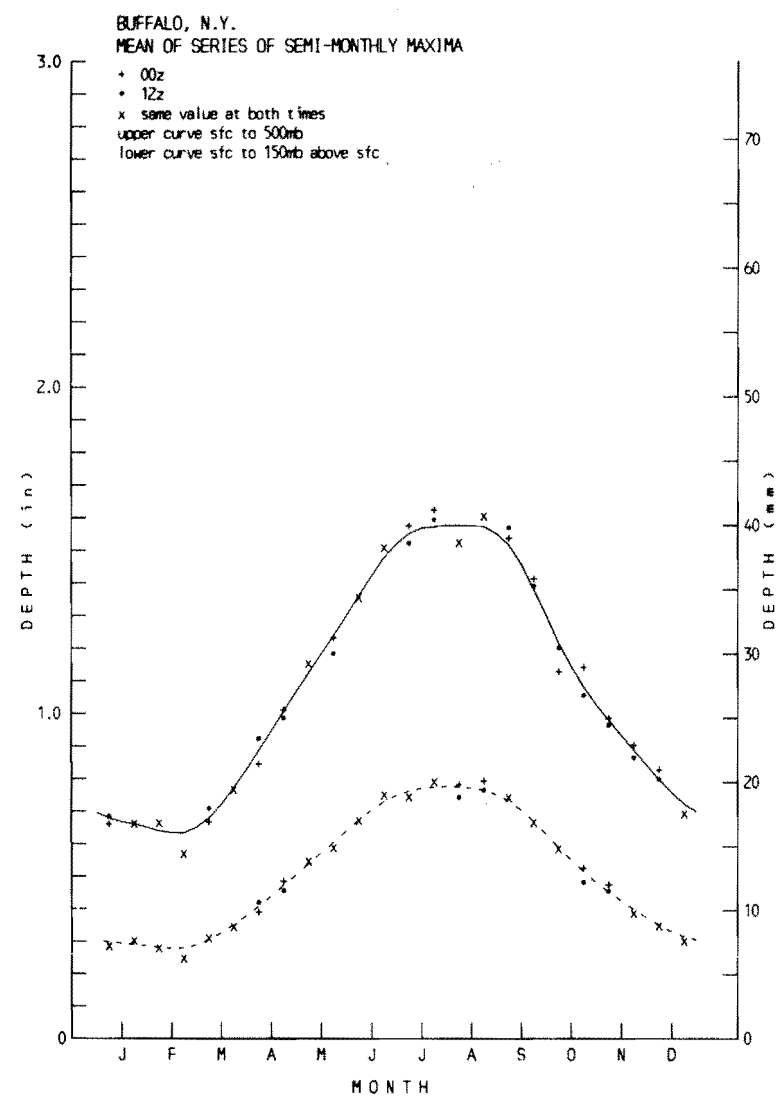
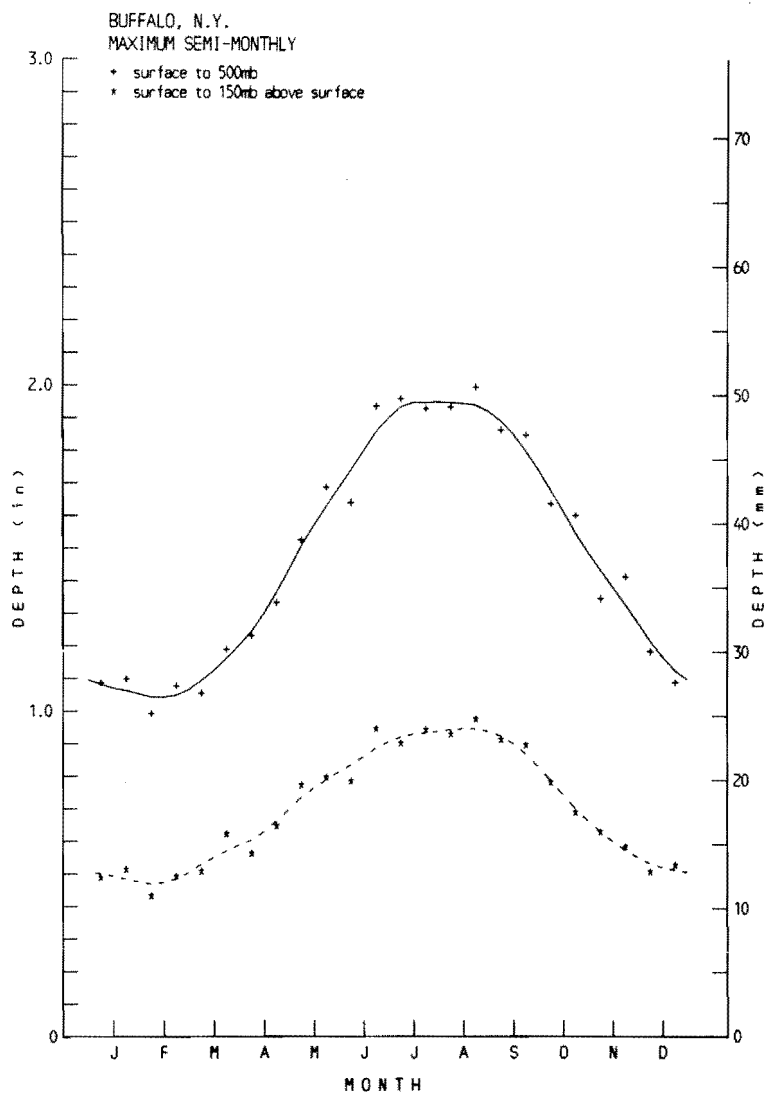
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)		
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. 27 YEARS OF RECORD

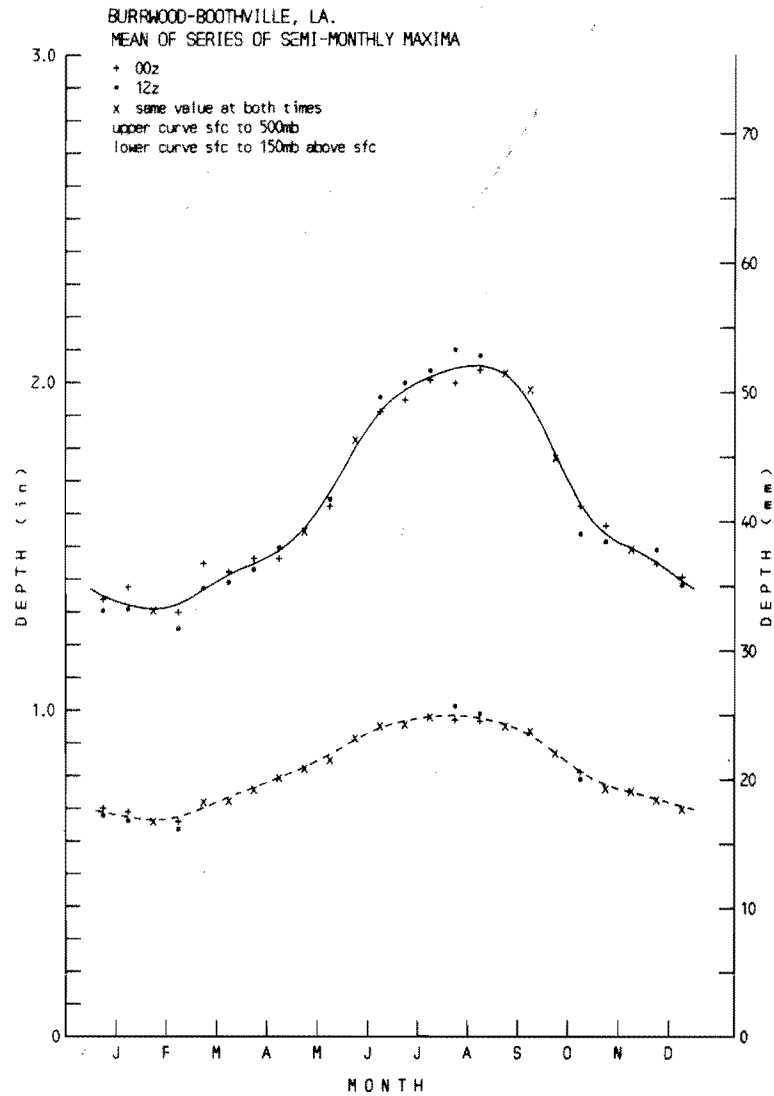
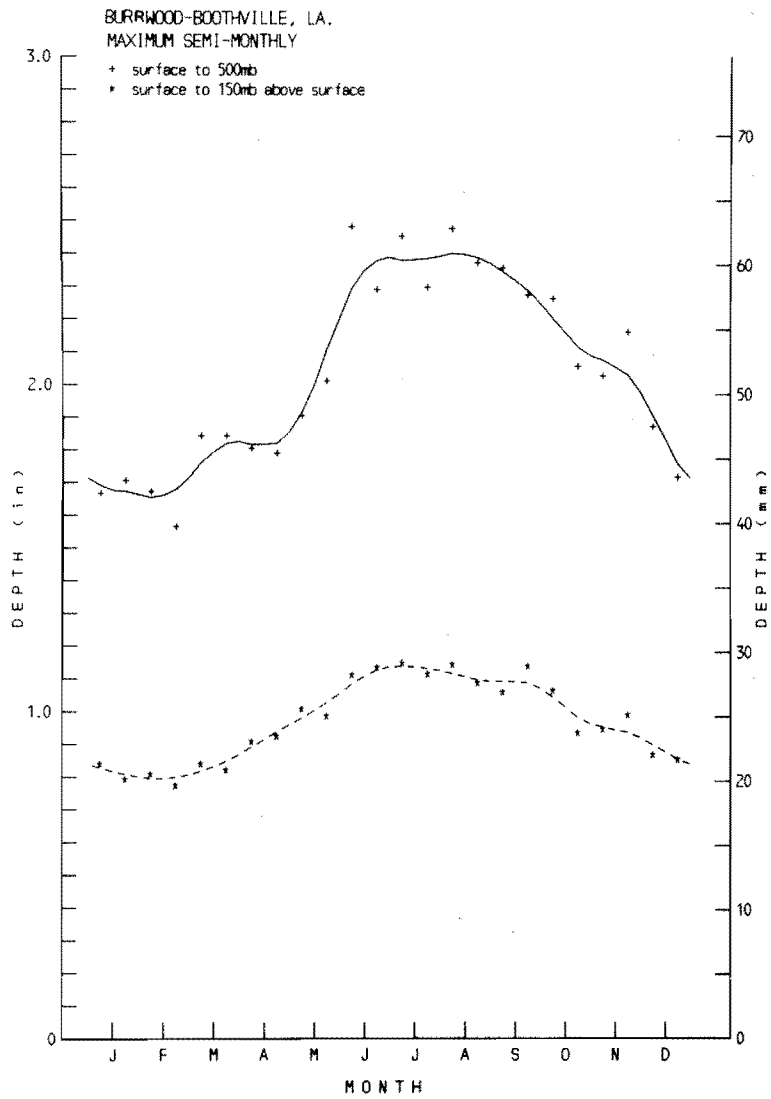
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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)	.6981	(.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	(1.5733)	.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. 23 YEARS OF RECORD

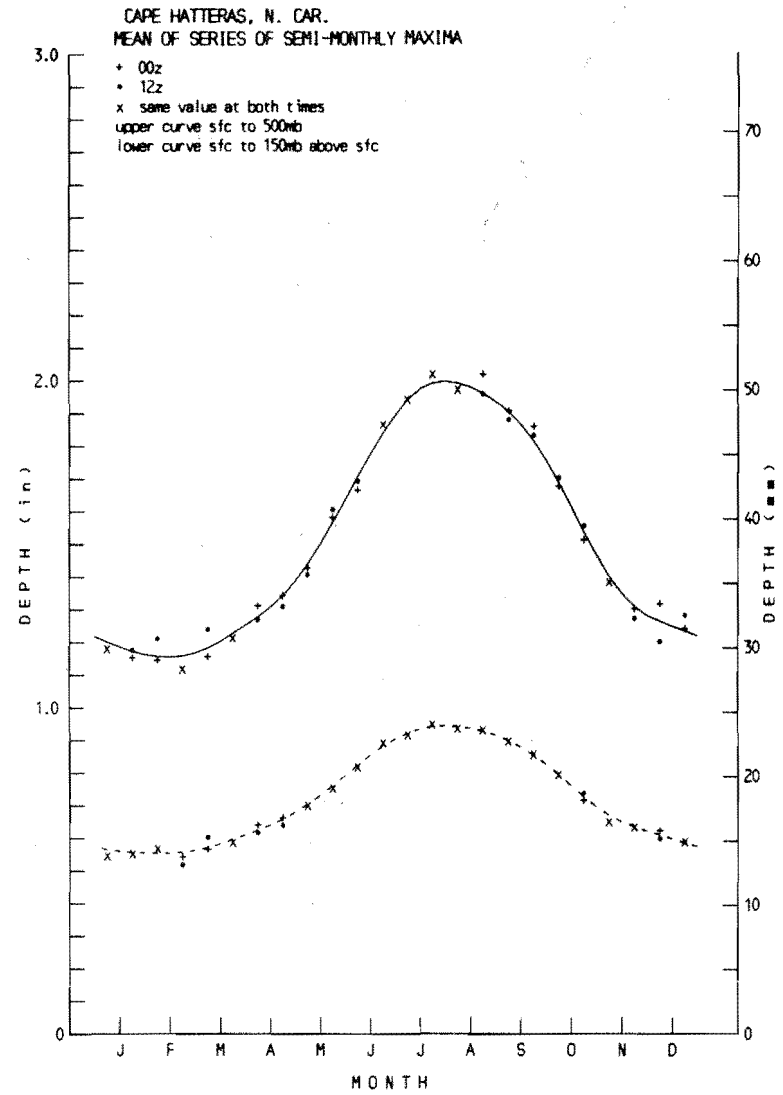
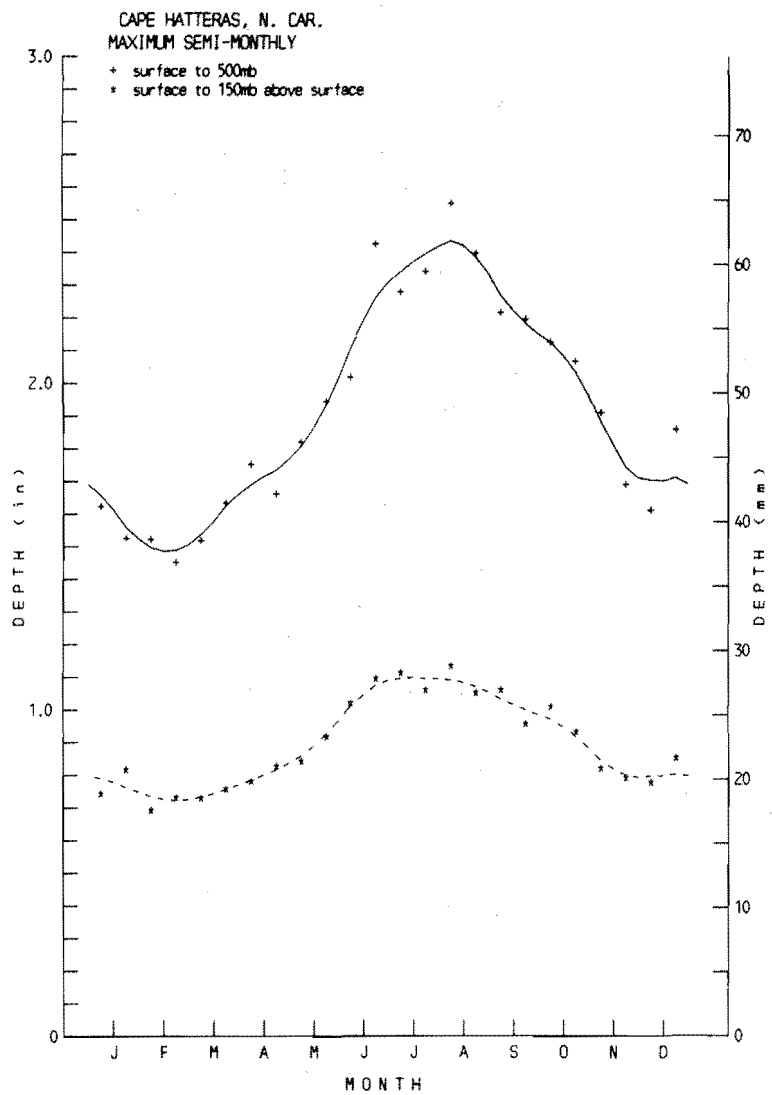
MAXIMUM SEMI-MONTHLY
002(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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. 27 YEARS OF RECORD

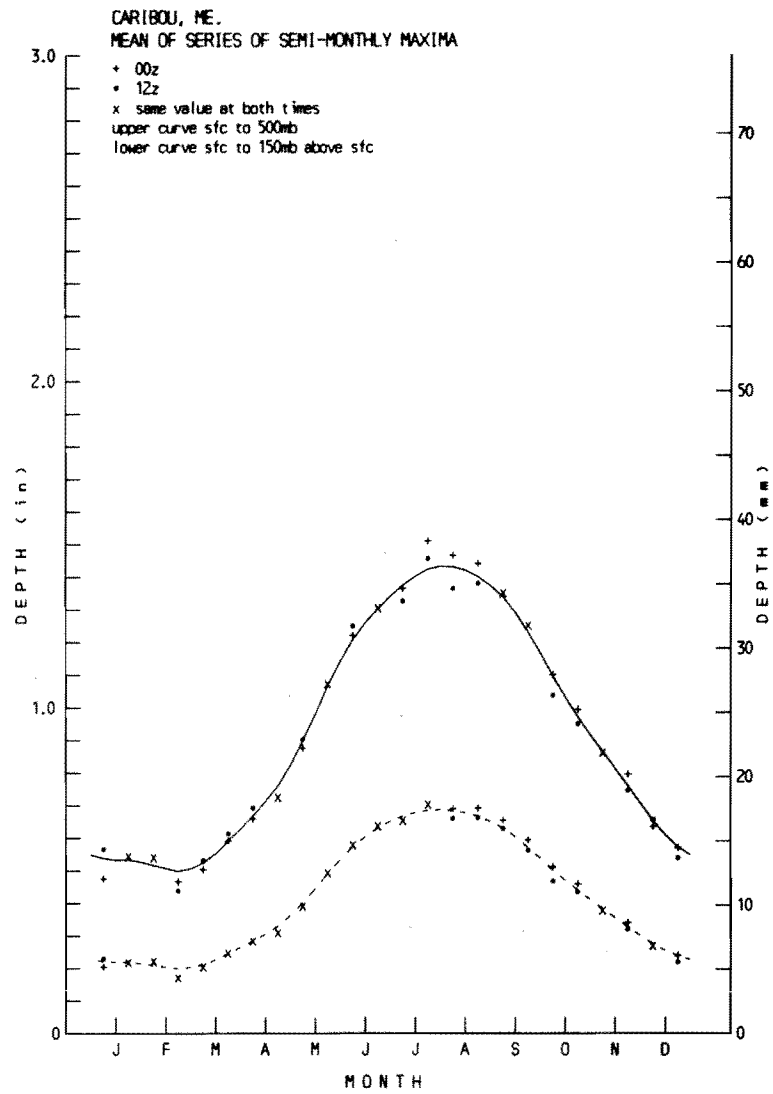
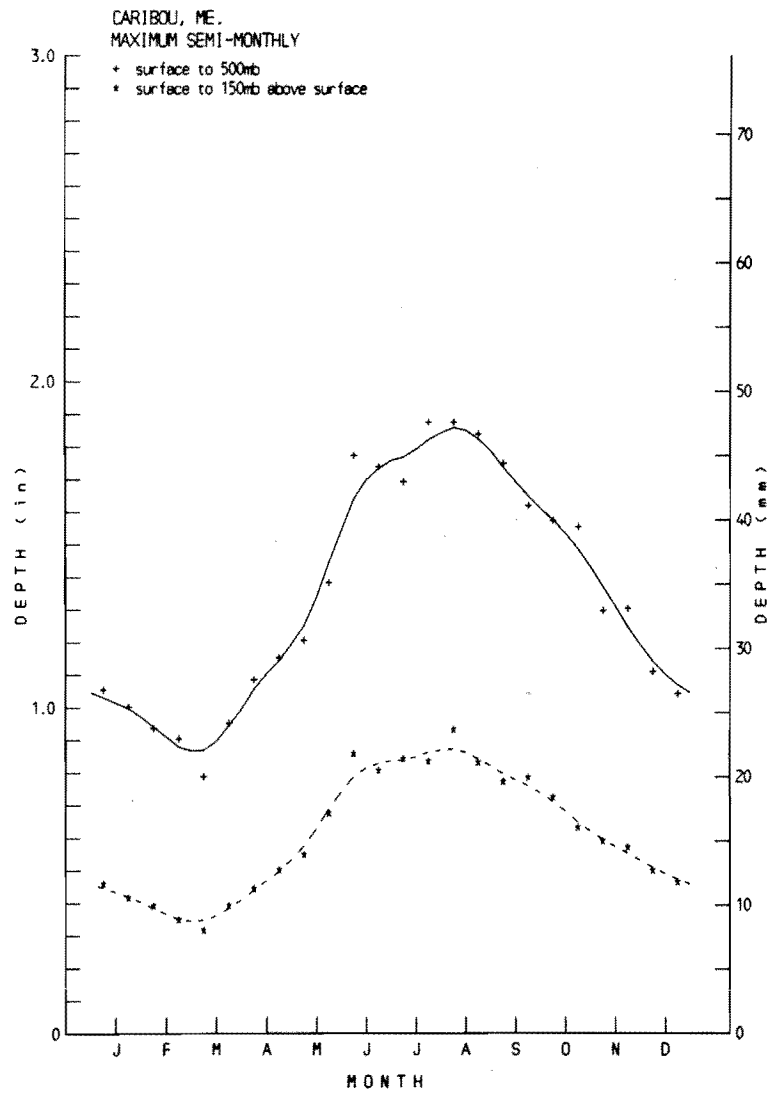
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)				
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	(.6558)	.2931	(.1154)	DEC-1
2	2.1643	(.8521)	72122212	1.4819	(.5834)	.2101	(.0827)	1.5265	(.6010)	.2709	(.1067)	2



CARIBOU, ME.

27 YEARS OF RECORD

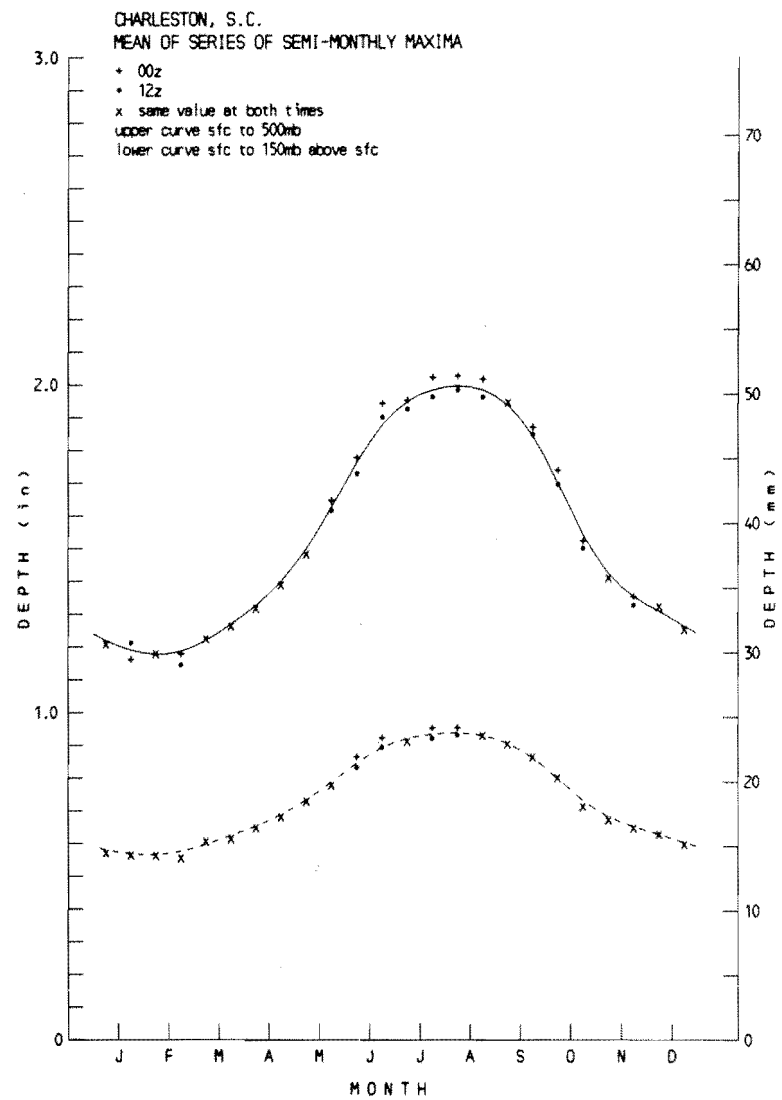
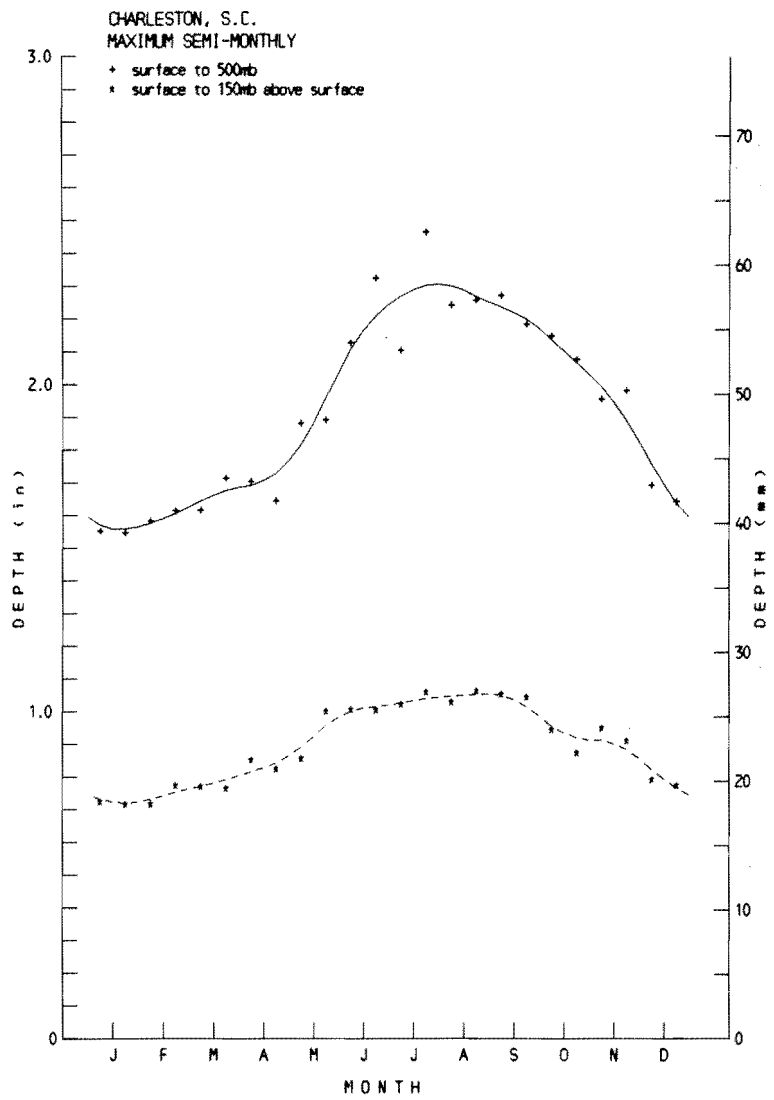
MAXIMUM SEMI-MONTHLY
002(032) AND 122(152) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(032) 122(152)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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)	.4587	(.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.

27 YEARS OF RECORD

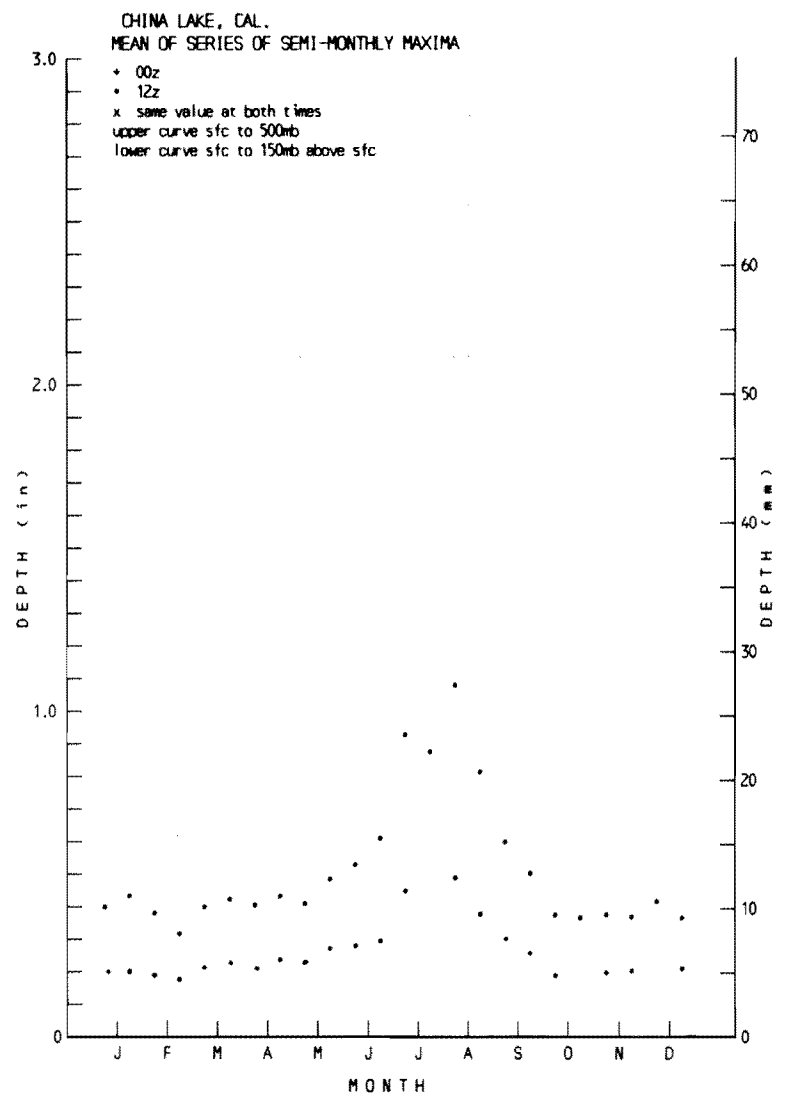
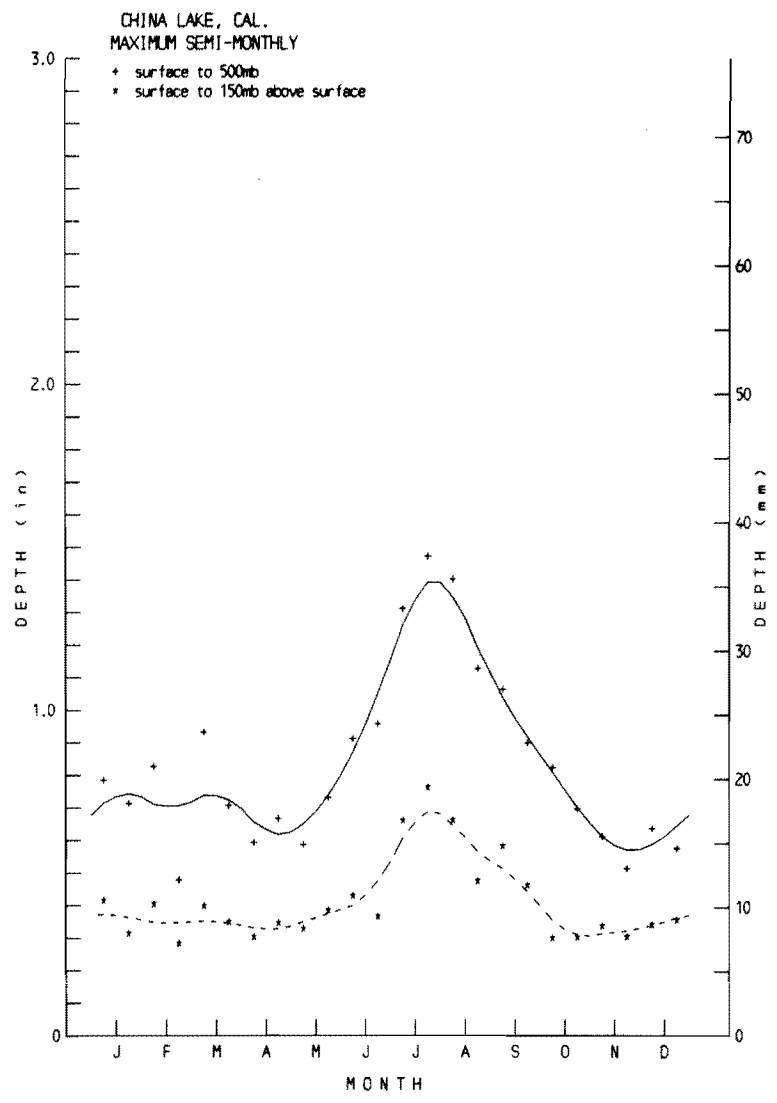
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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)	.4978	(.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.

15 YEARS OF RECORD

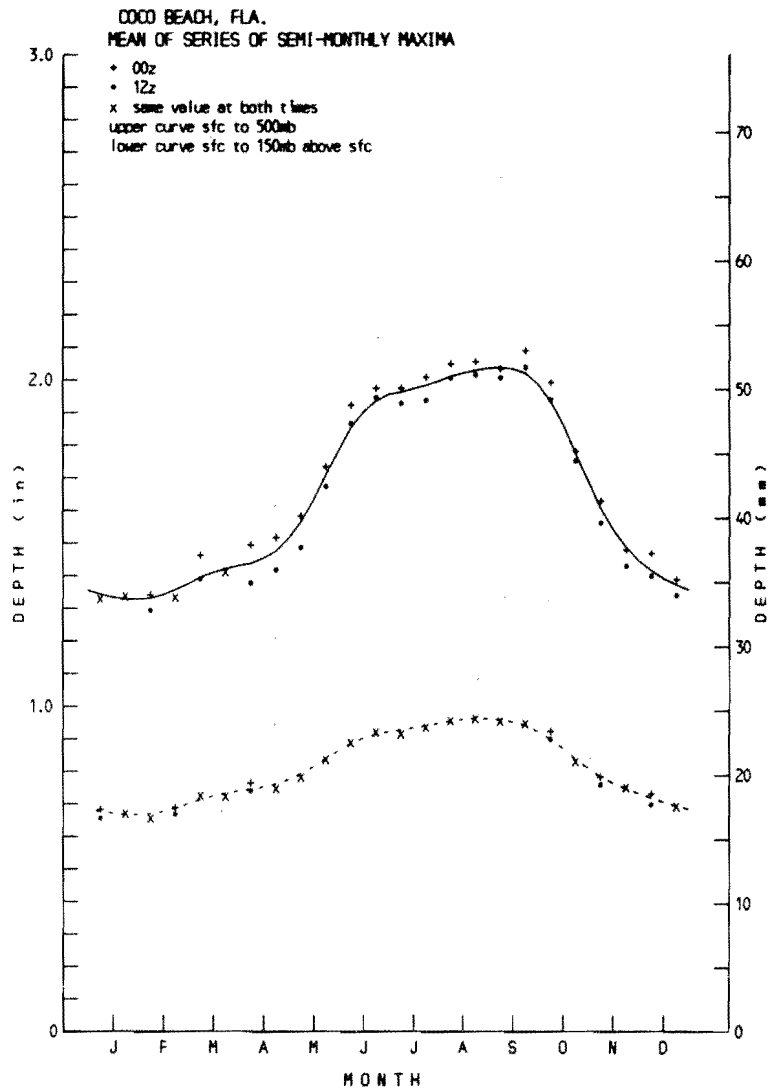
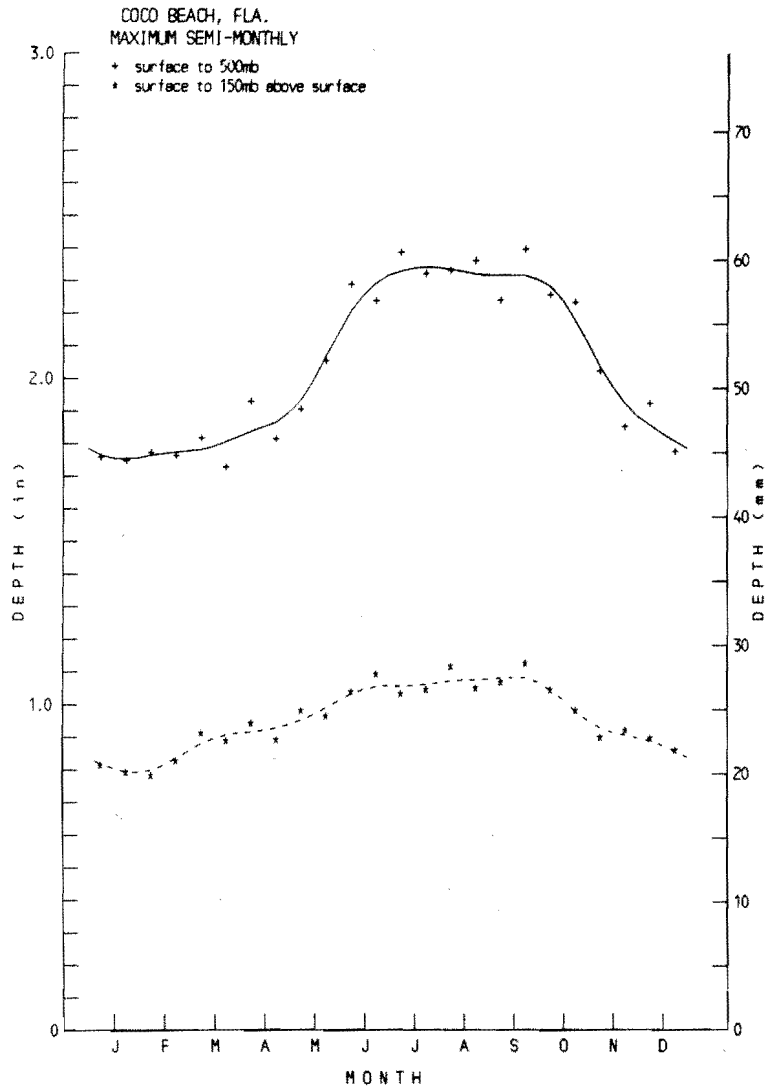
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)		
SURFACE TO 500MB										
GAPS AND SHORT RECORD										
JAN-1	1.9901	(.7835)	53010915	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

GAPS AND SHORT RECORD										
JAN-1	1.0528	(.4145)	53010915	.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.

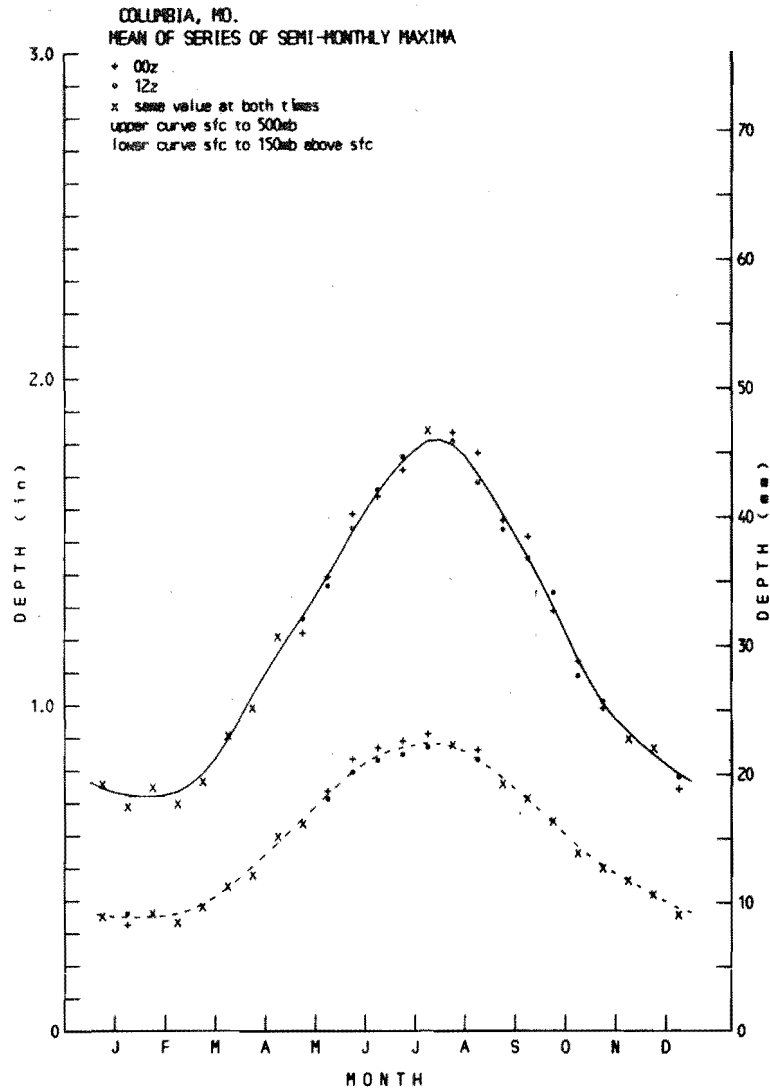
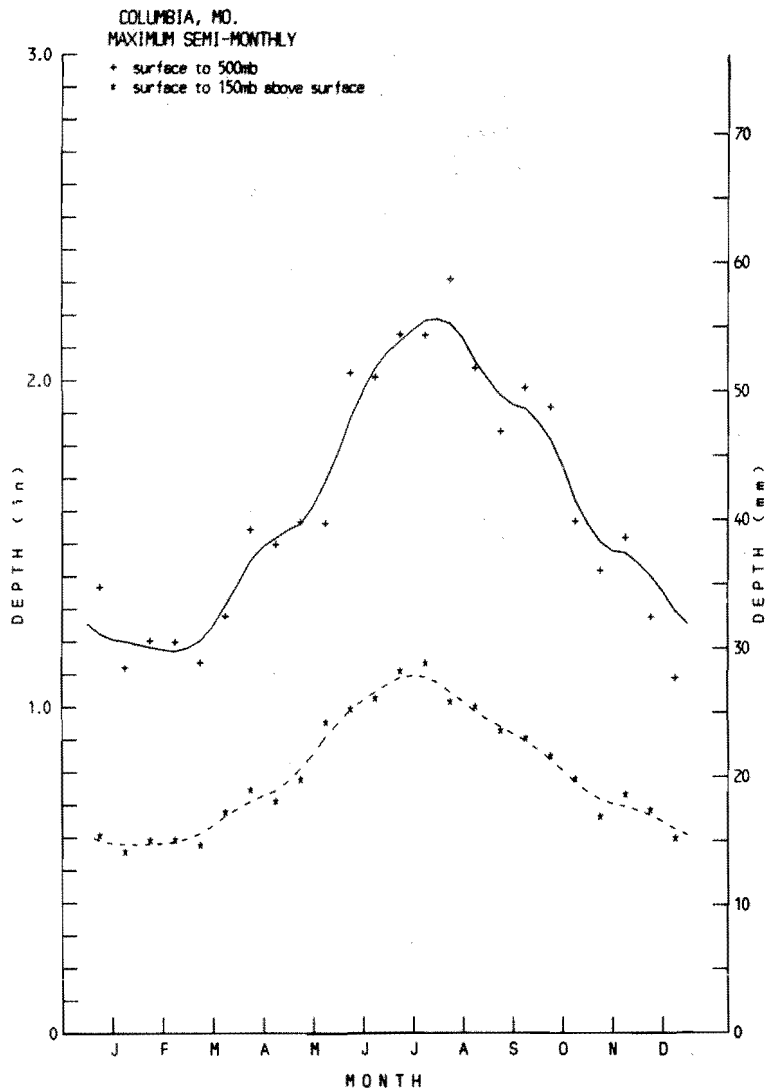
21 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINEDMEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(1.3084)	.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.

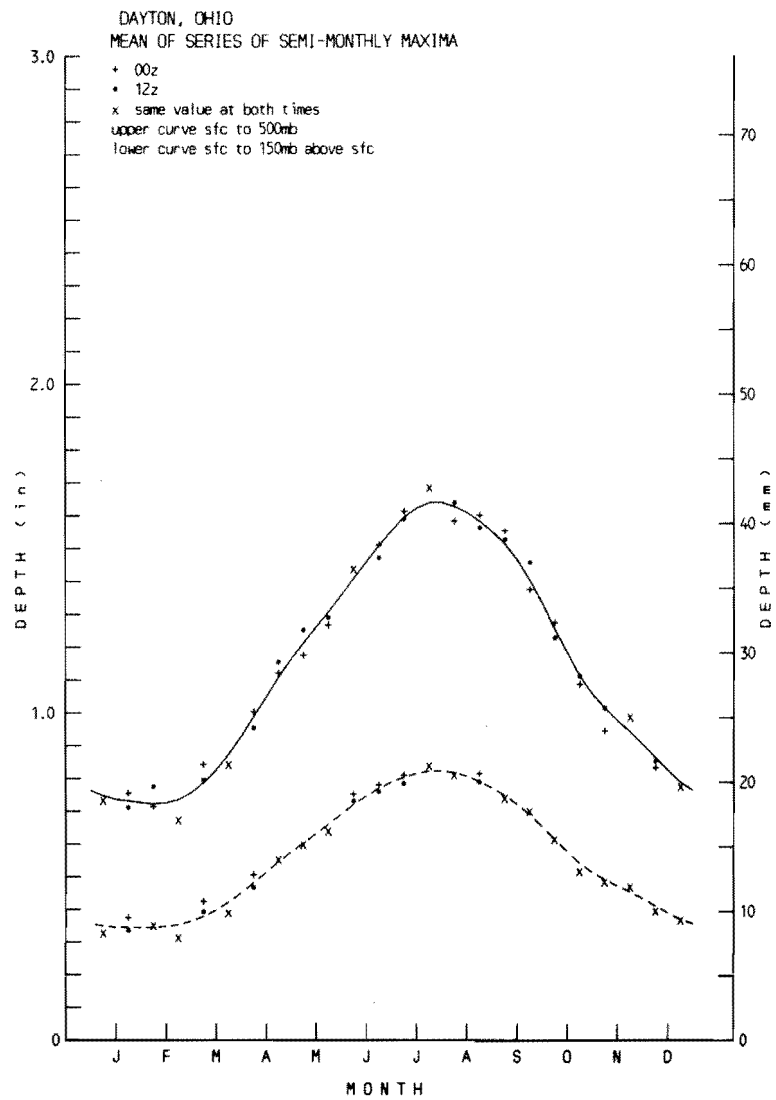
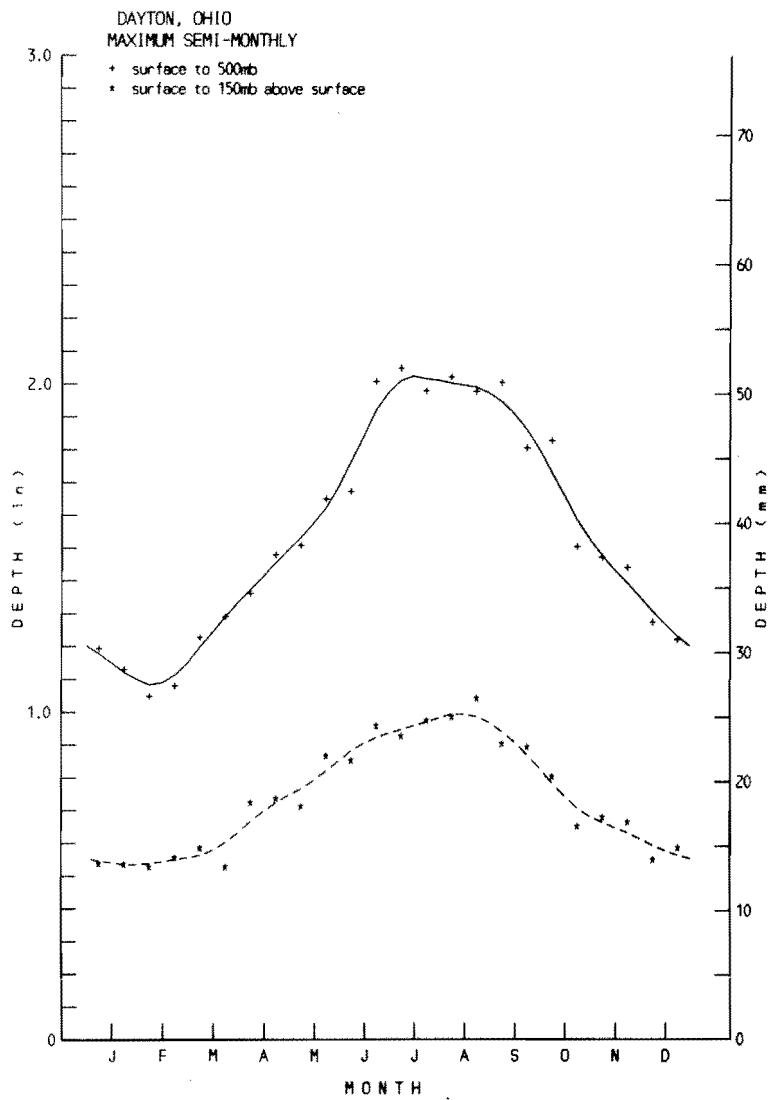
25 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINEDMEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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 21 YEARS OF RECORD

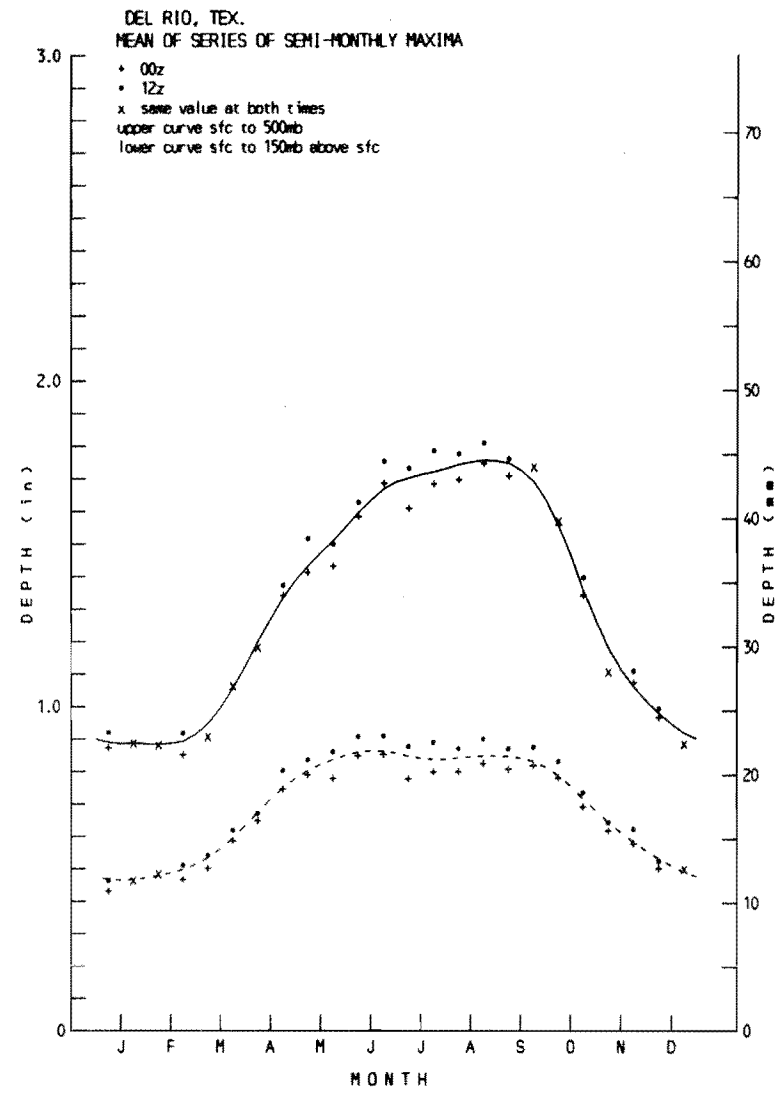
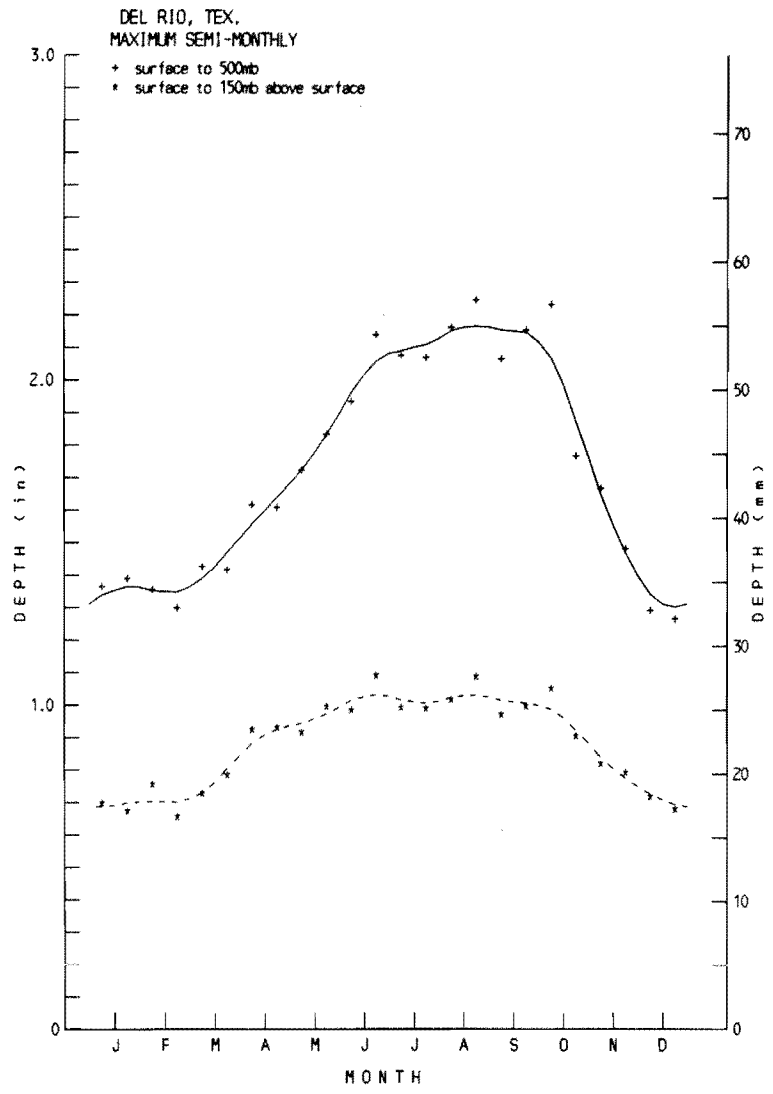
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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	(.9853)	64080400	2.0806	(.8191)	.2245	(.0884)	2.0586	(.8105)	.1949	(.0767)	AUG-1
2	2.6477	(1.0624)	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.

19 YEARS OF RECORD

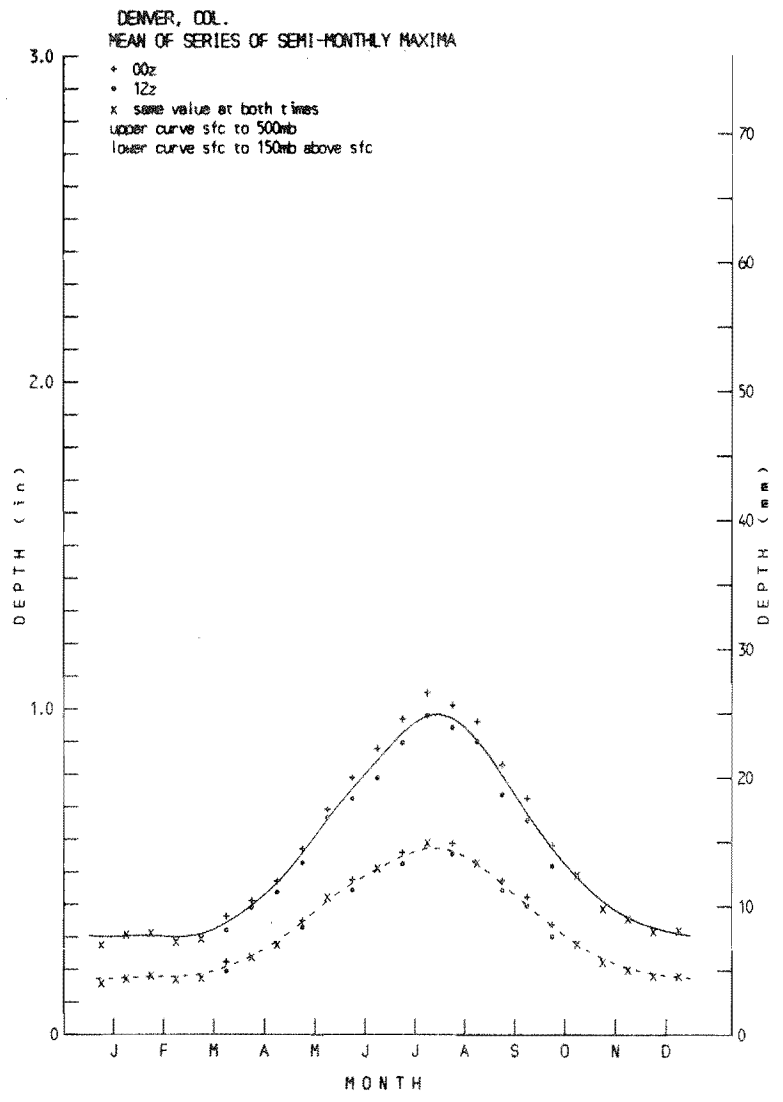
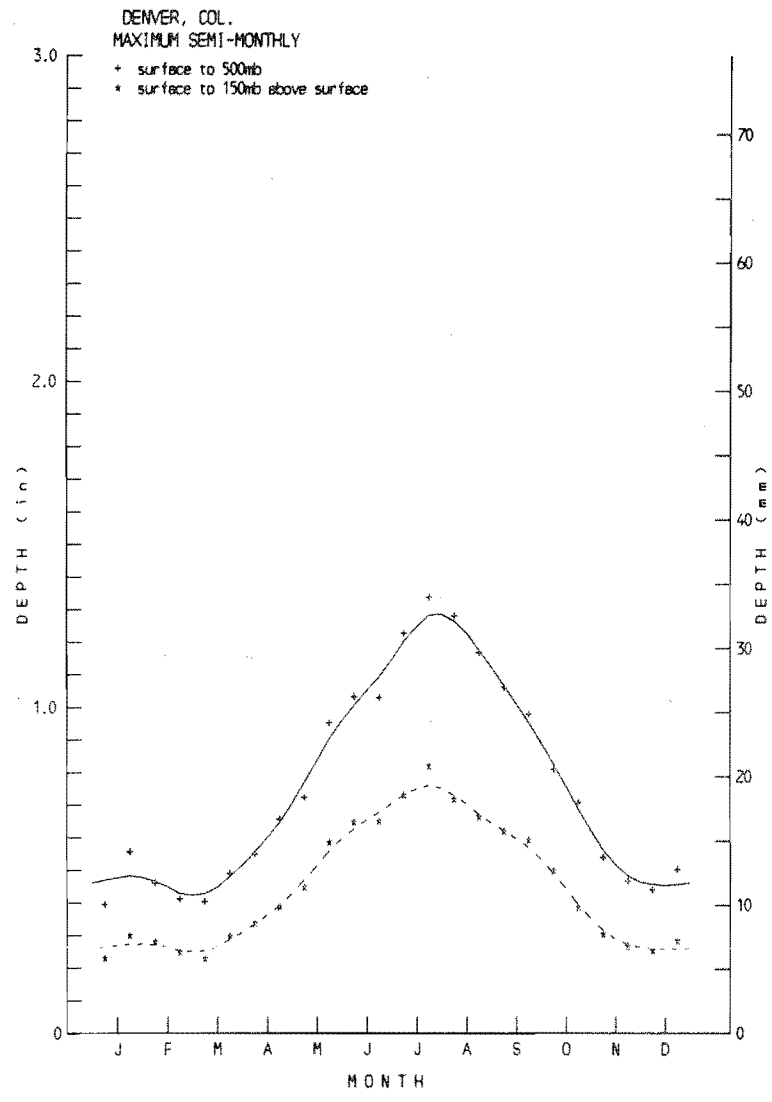
MAXIMUM SEMI-MONTHLY
002(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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.

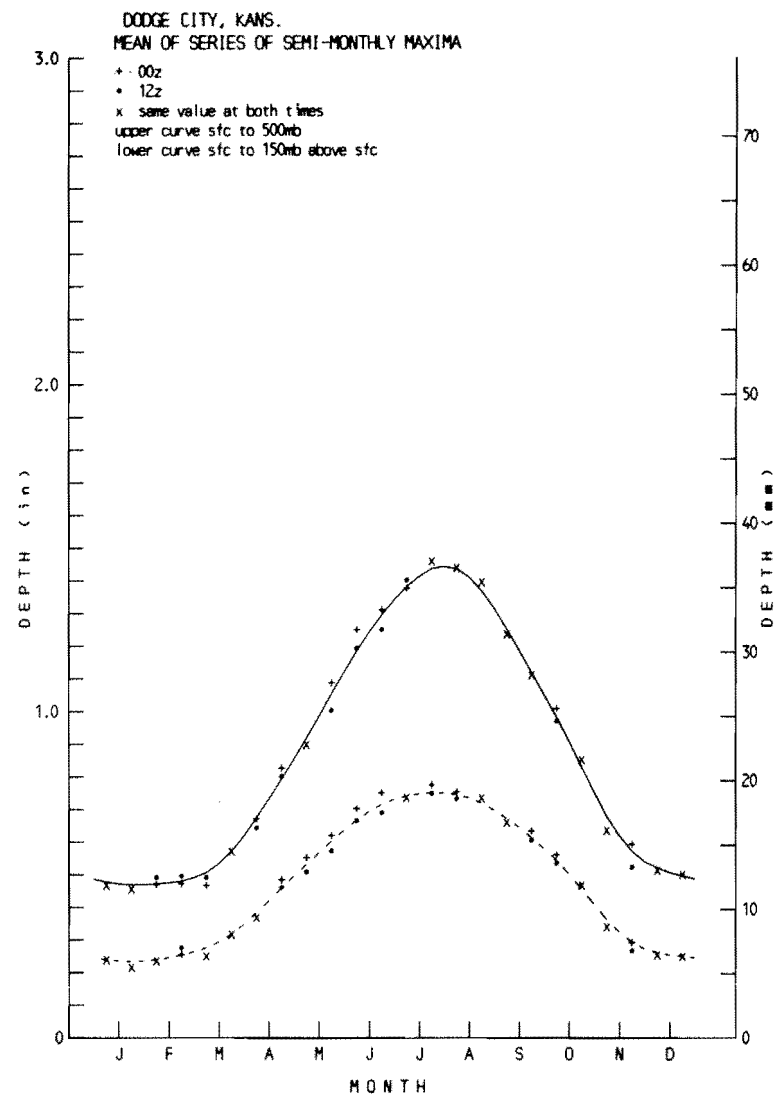
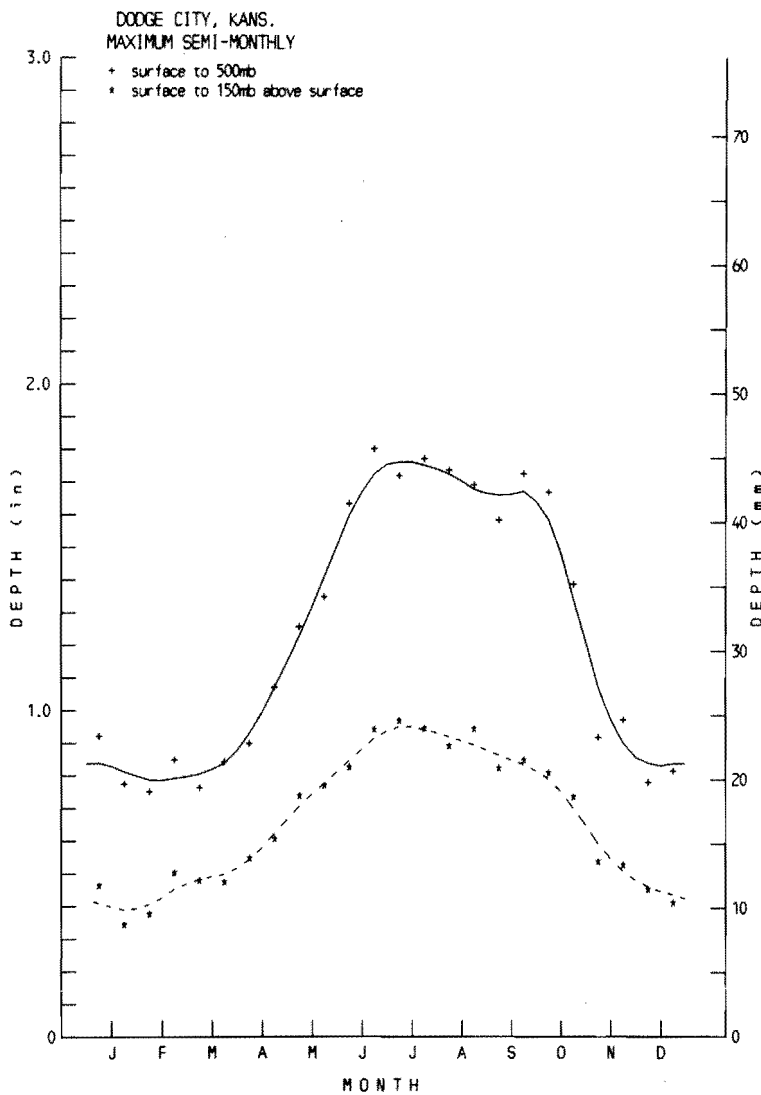
24 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINEDMEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.2741)	.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.

27 YEARS OF RECORD

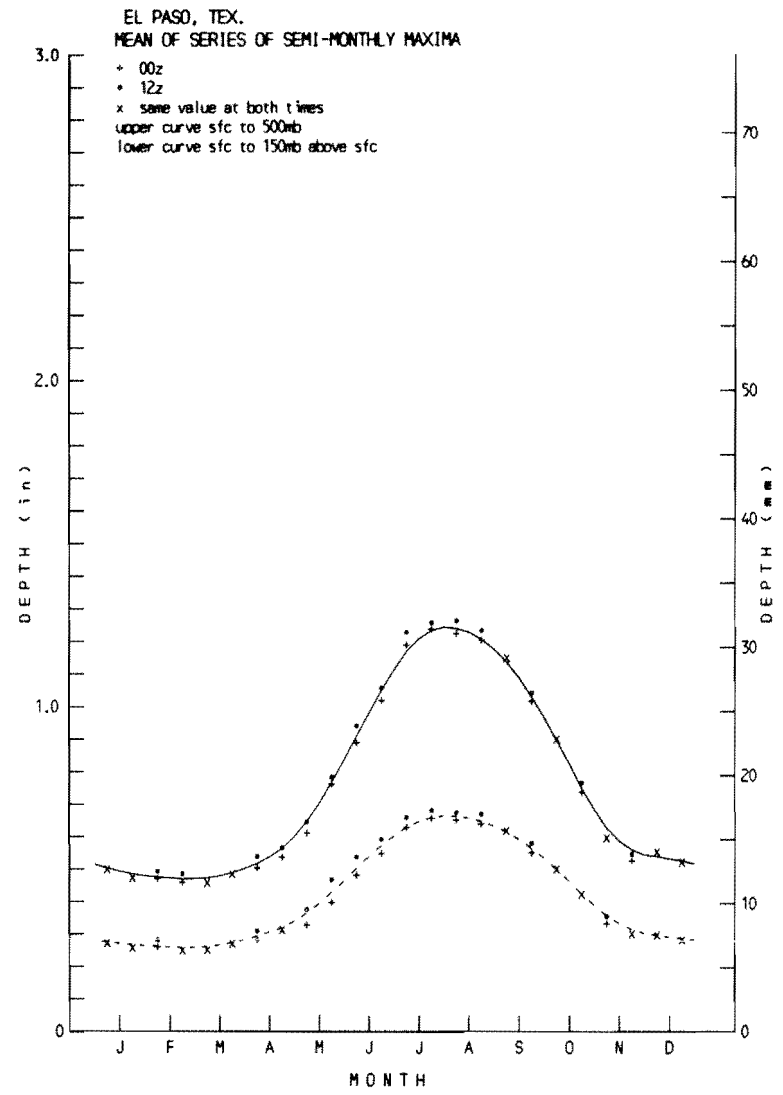
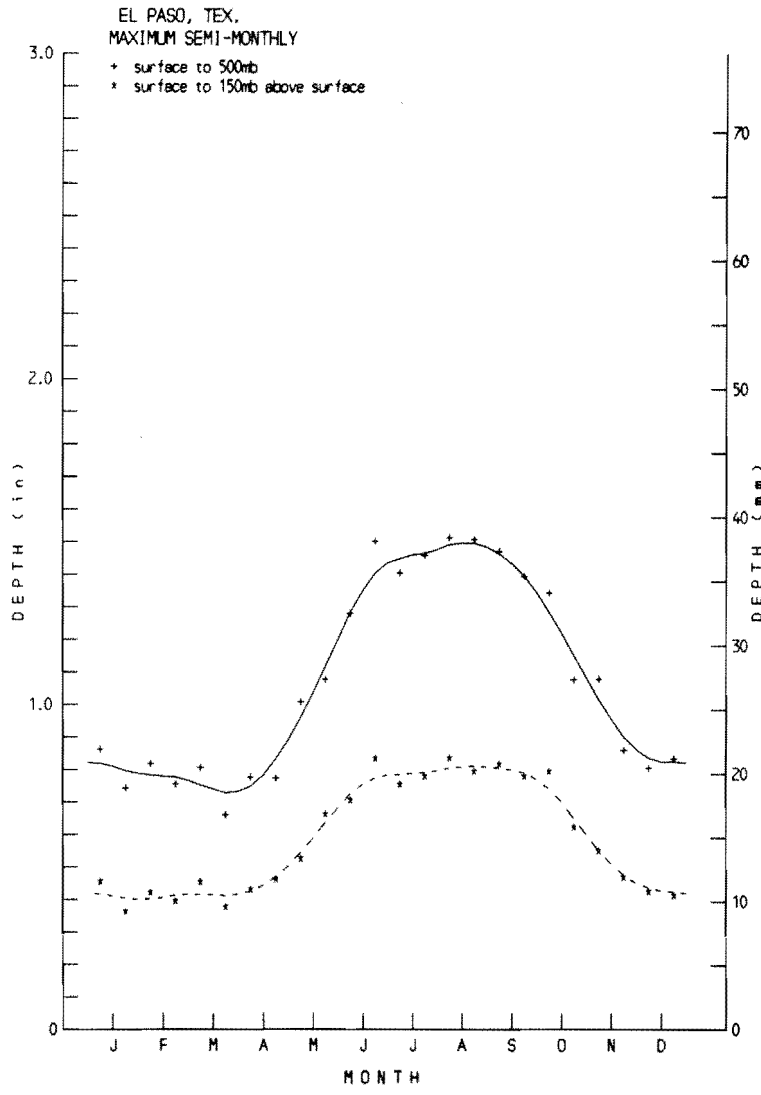
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	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)	64099900	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.

27 YEARS OF RECORD

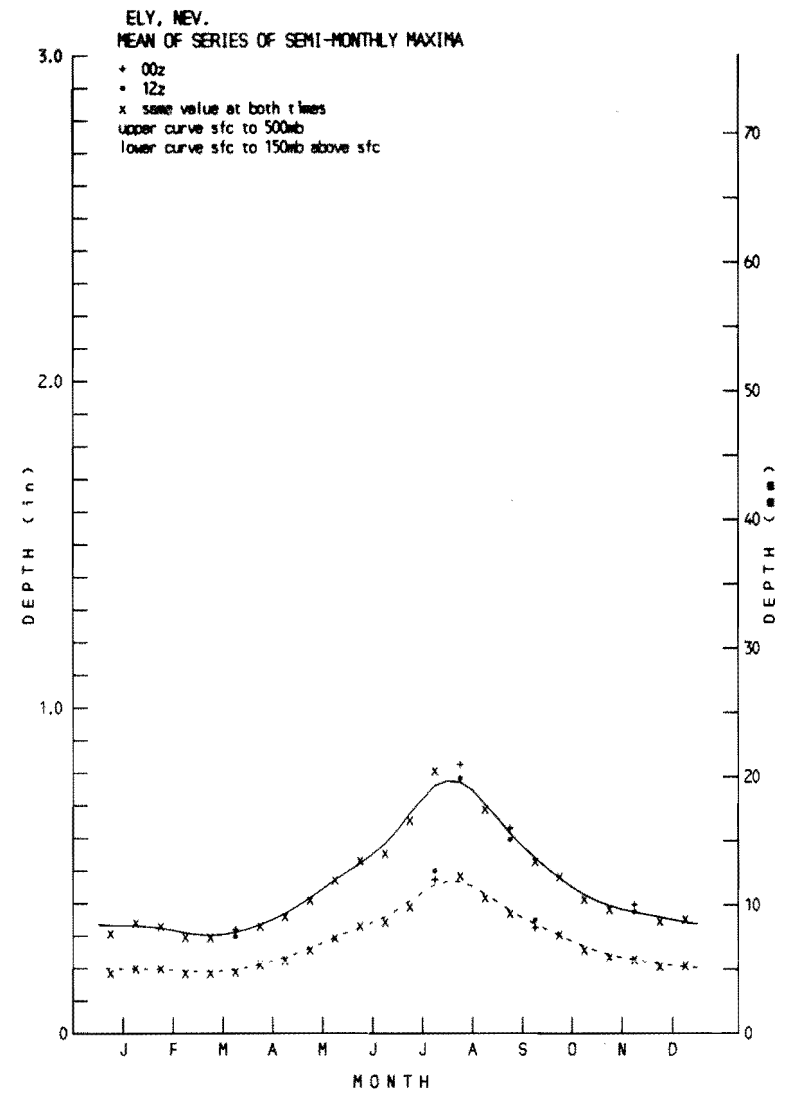
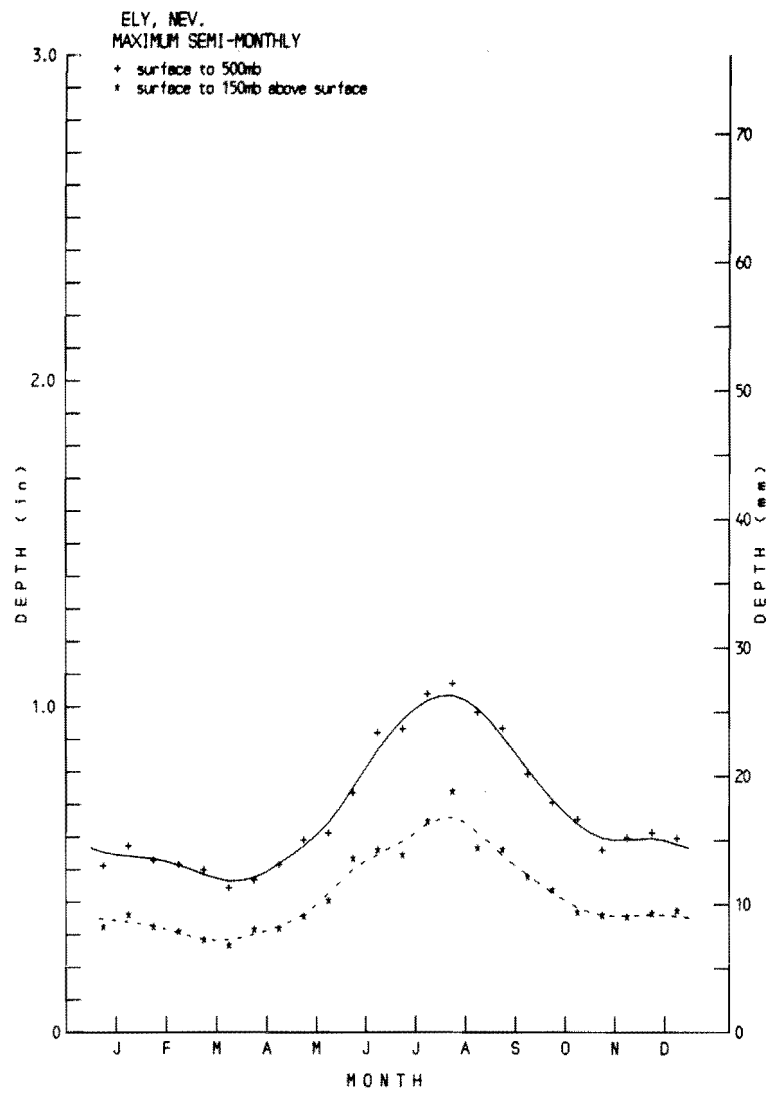
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.4540)	.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.

27 YEARS OF RECORD

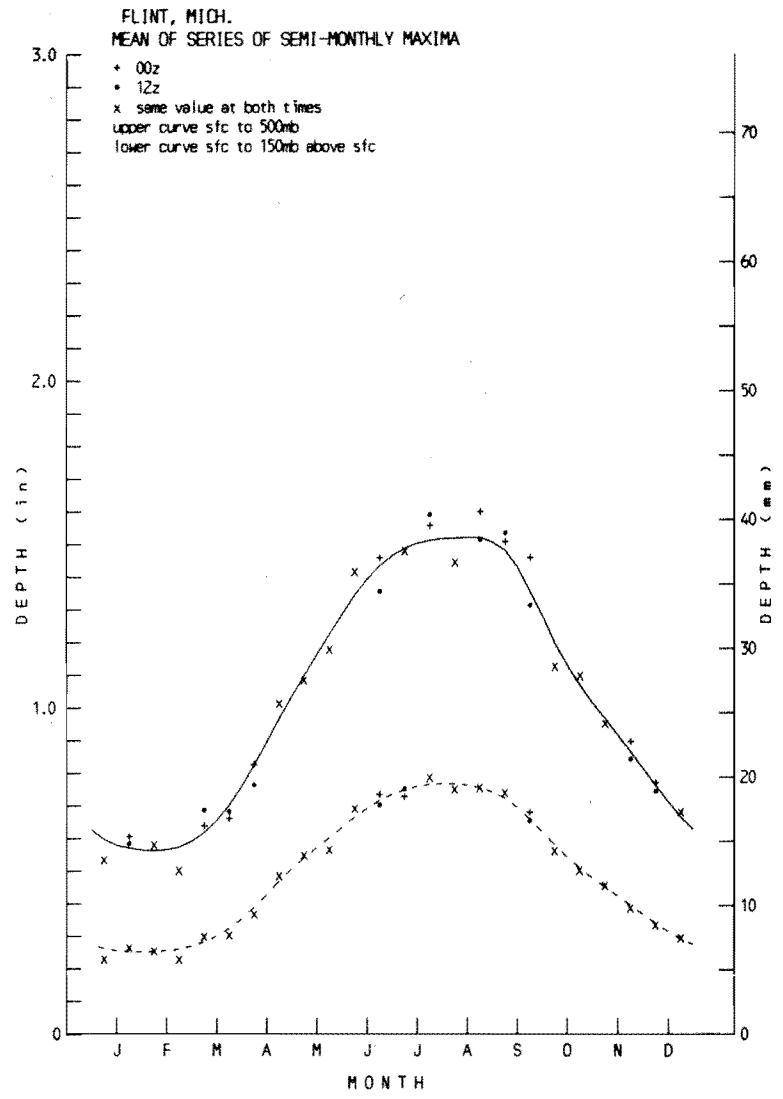
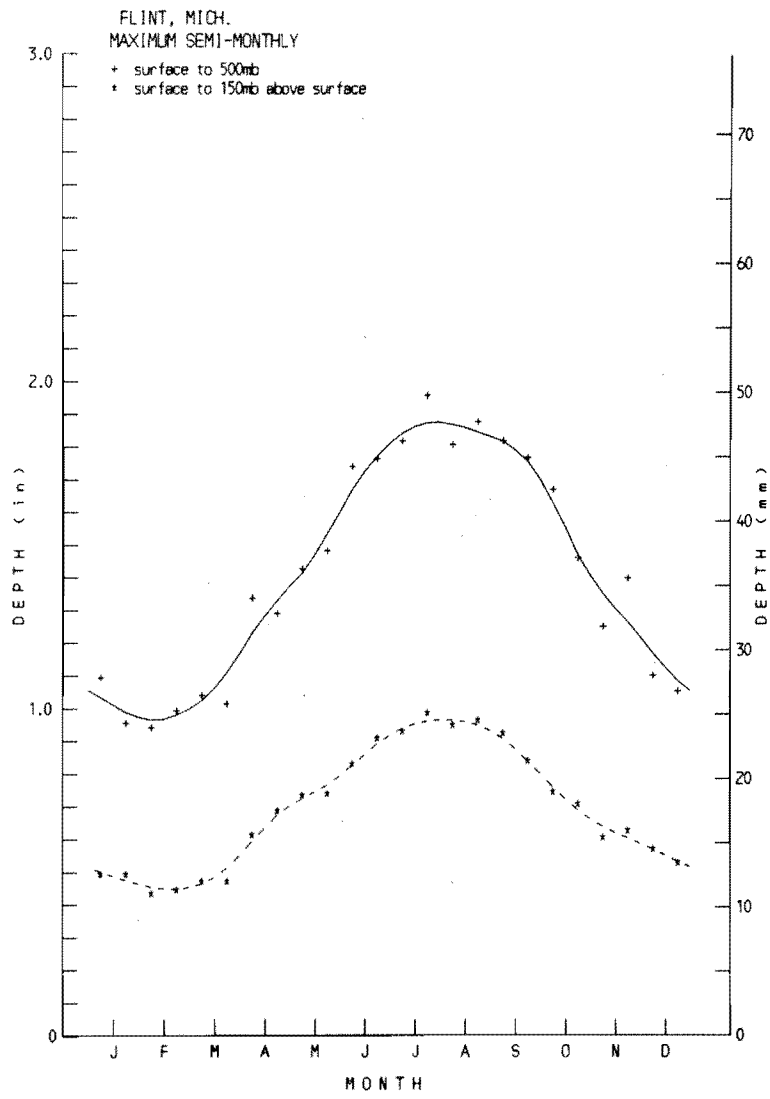
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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



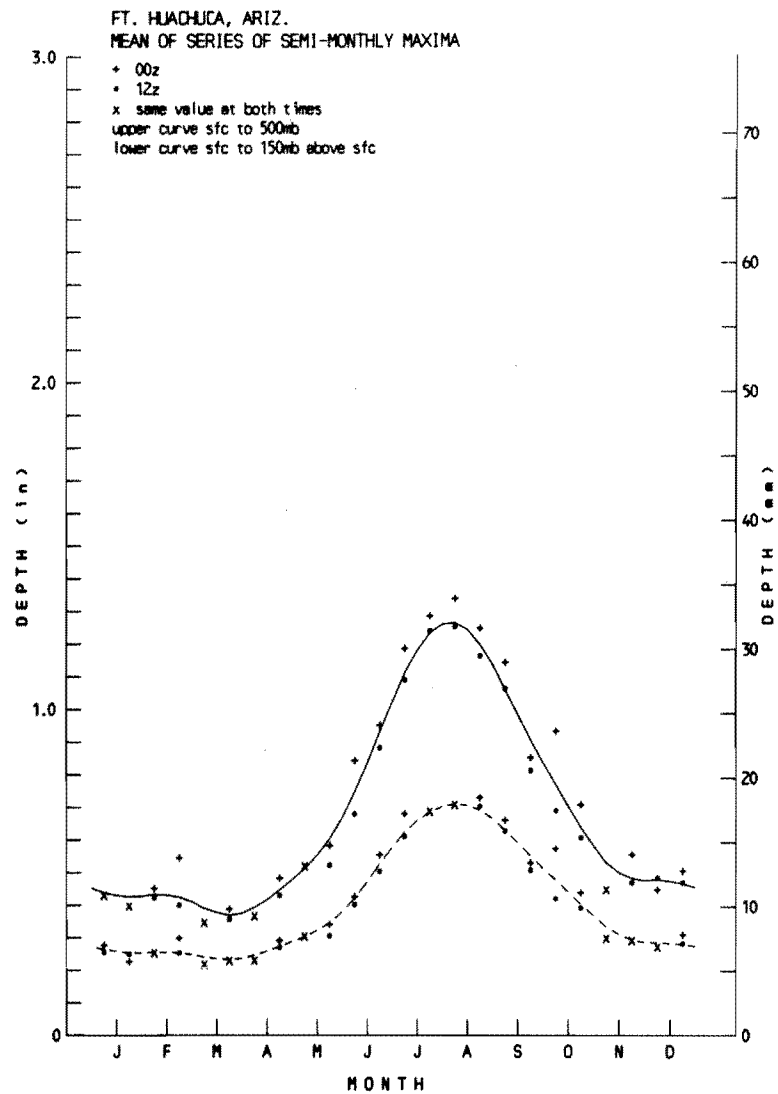
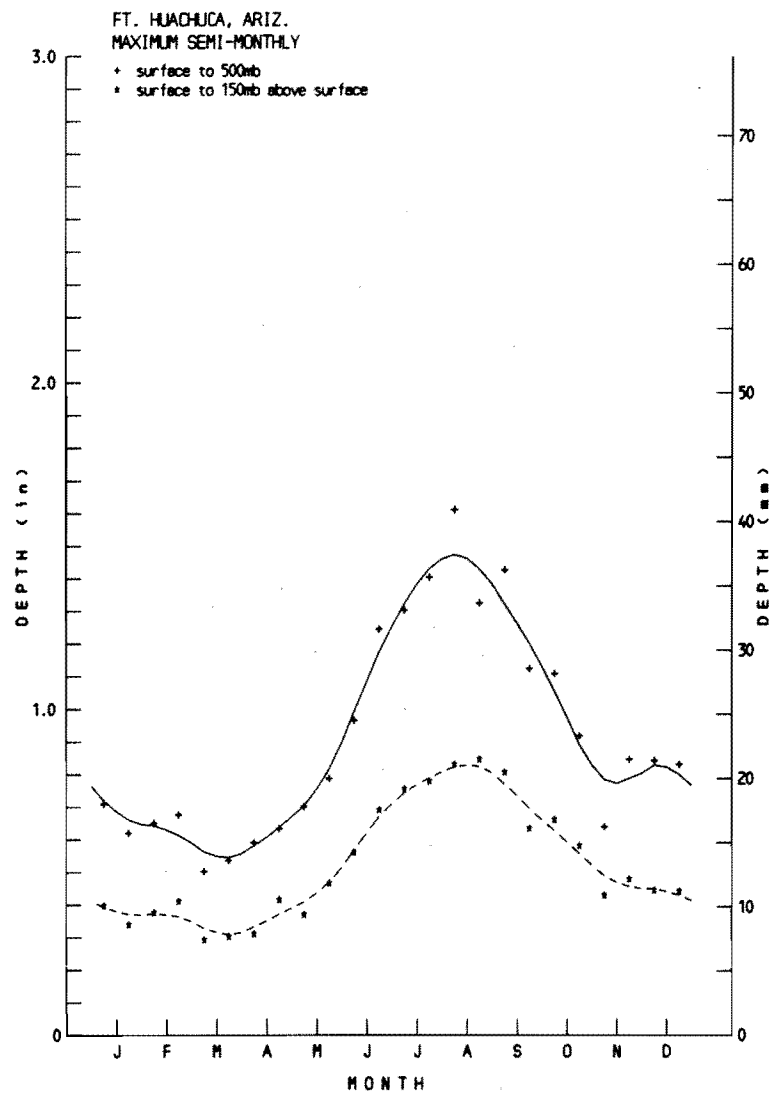
FLINT, MICH. 16 YEARS OF RECORD

 MAXIMUM SEMI-MONTHLY MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
 00Z(03Z) AND 12Z(15Z) COMBINED 00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.6554)	.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)	66110115	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. 12 YEARS OF RECORD

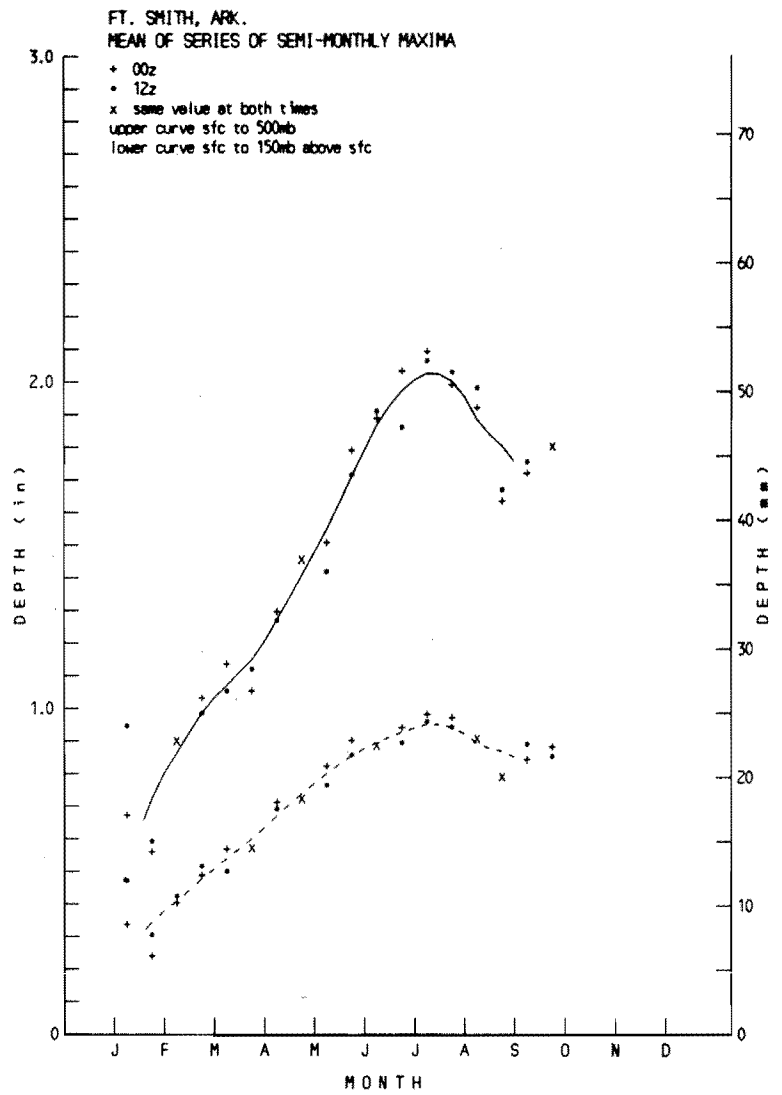
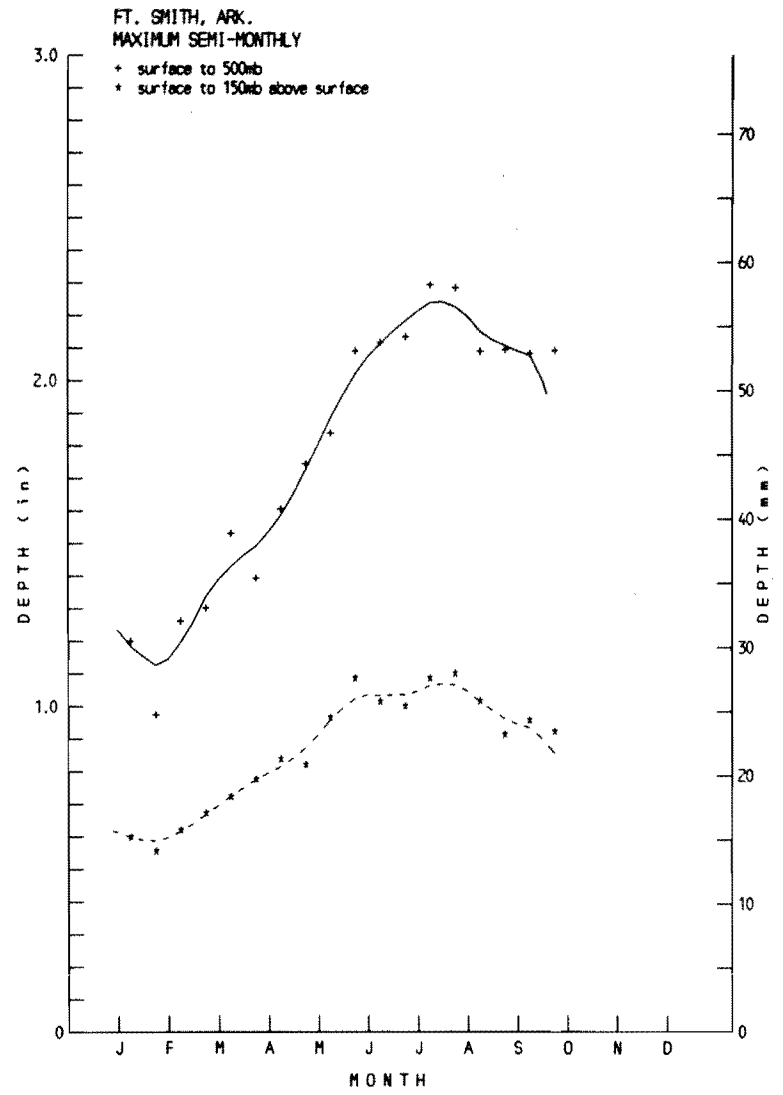
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

11 YEARS OF RECORD

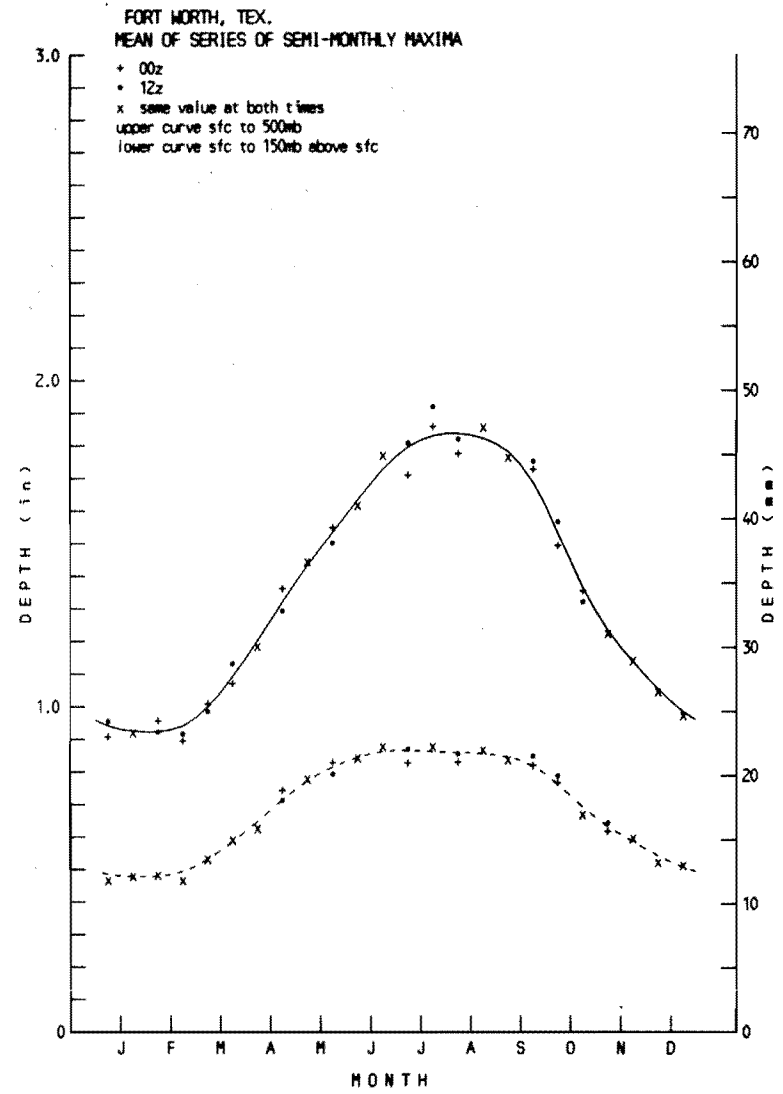
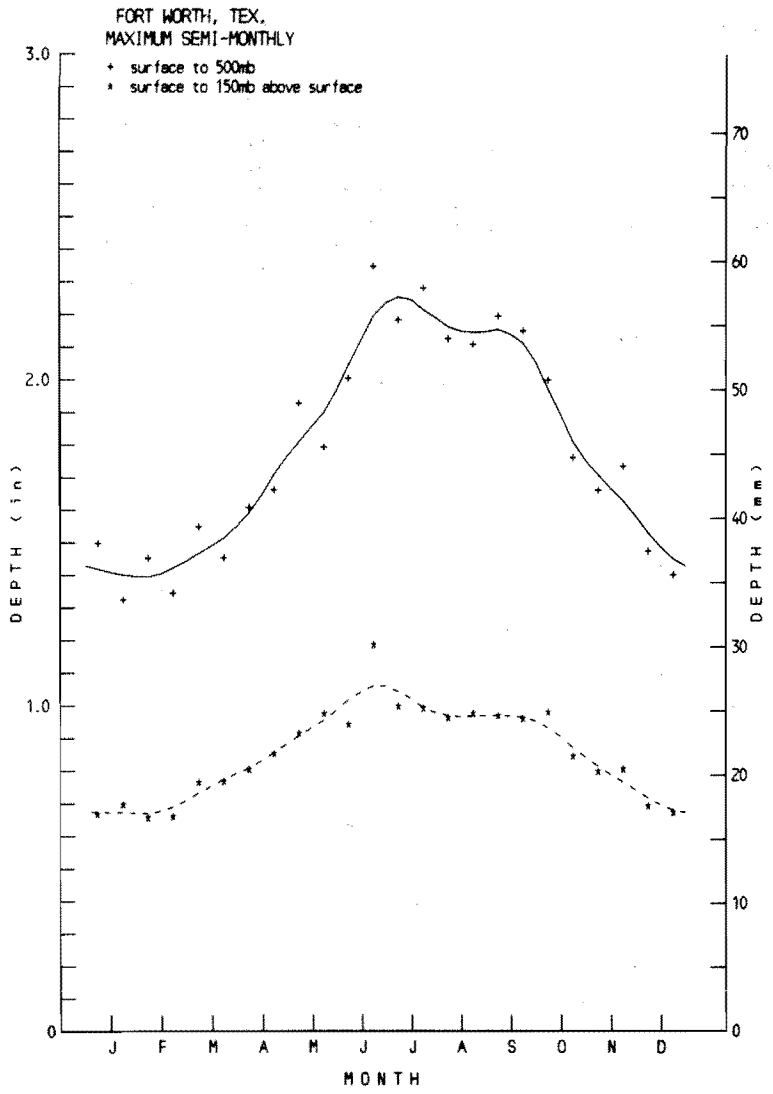
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.9331)	.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.

23 YEARS OF RECORD

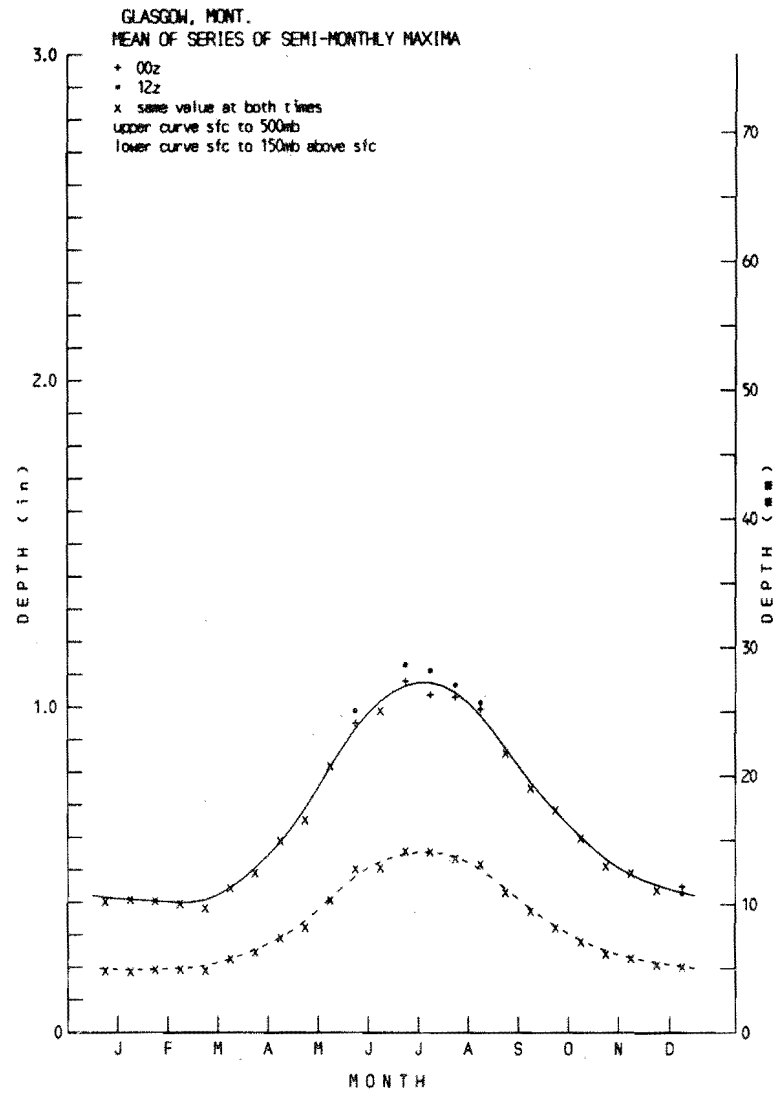
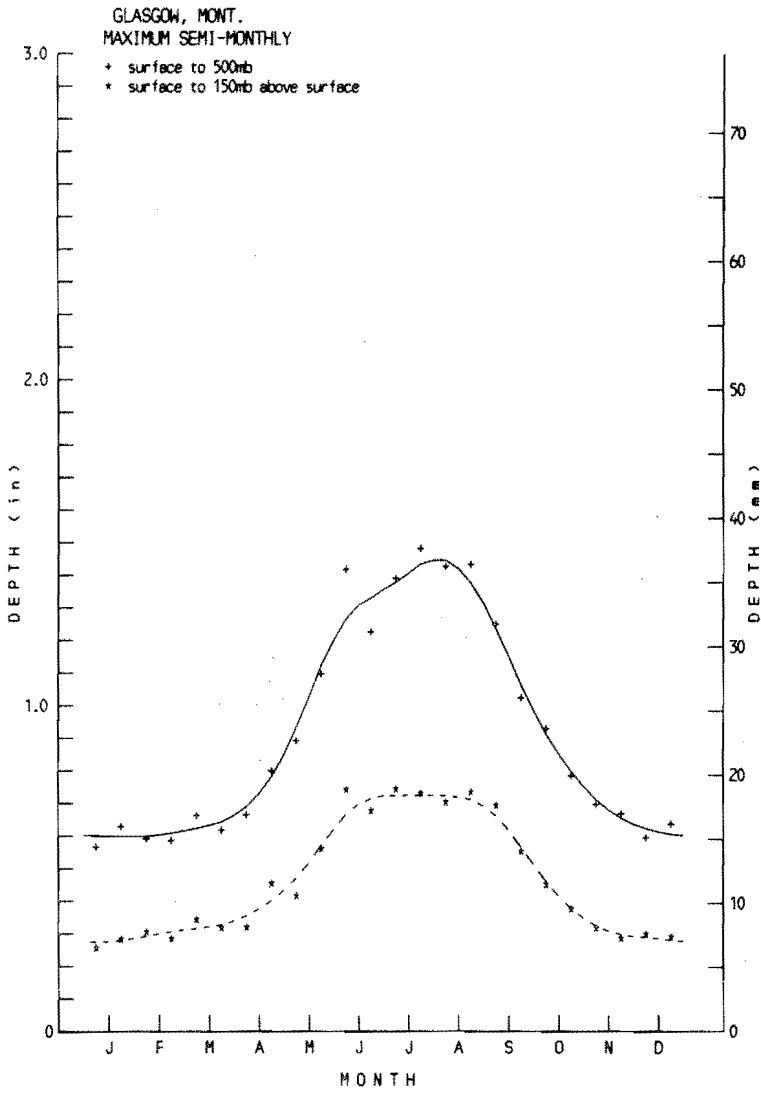
MAXIMUM SEMI-MONTHLY
002(032) AND 122(152) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(032) 122(152)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

27 YEARS OF RECORD

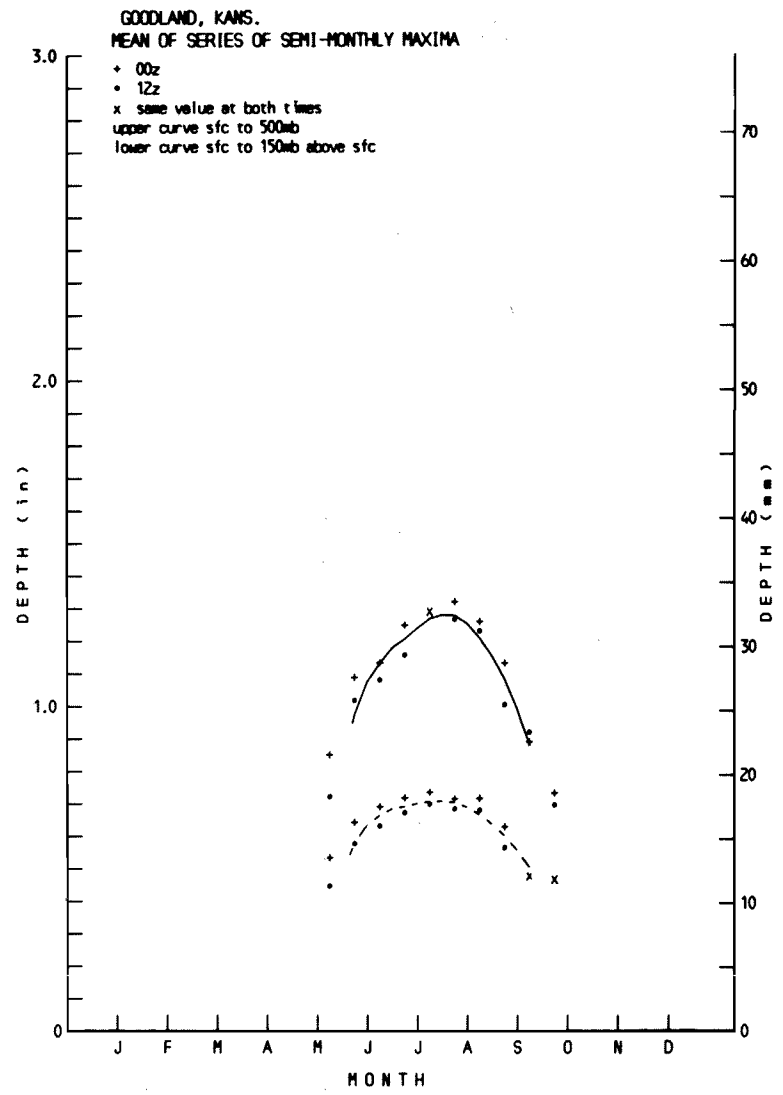
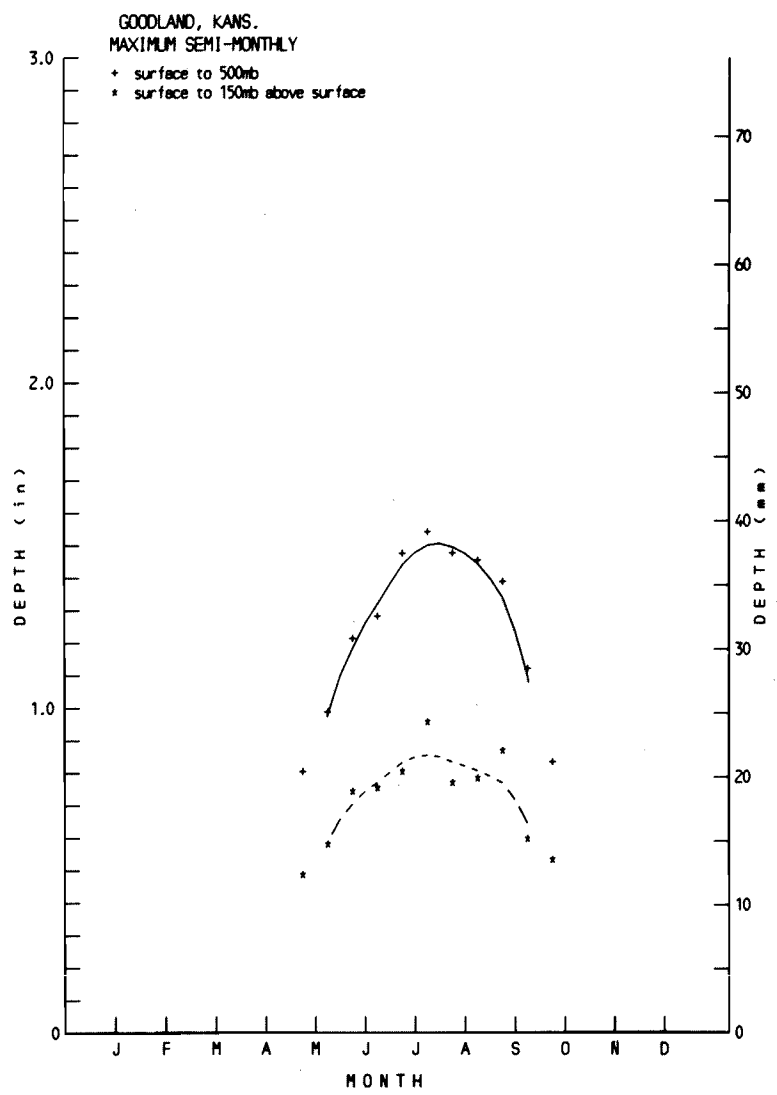
MAXIMUM SEMI-MONTHLY
00Z(032) AND 12Z(152) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(032) 12Z(152)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.3588)	.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. 9 YEARS OF RECORD

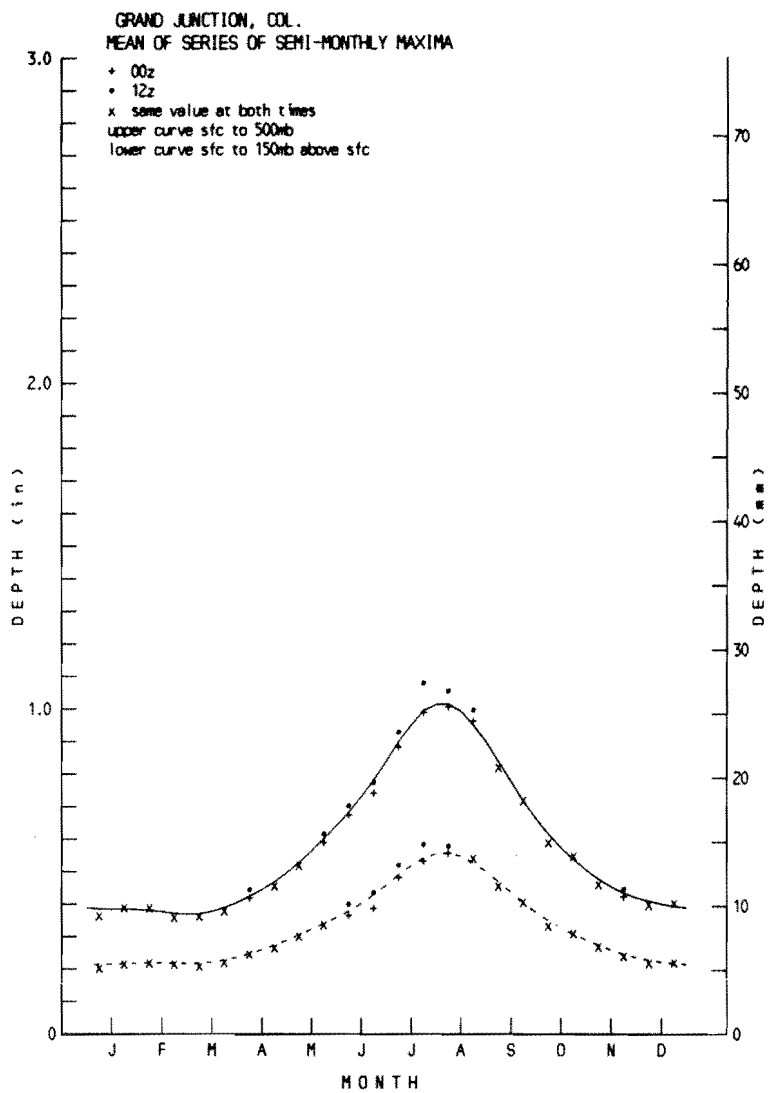
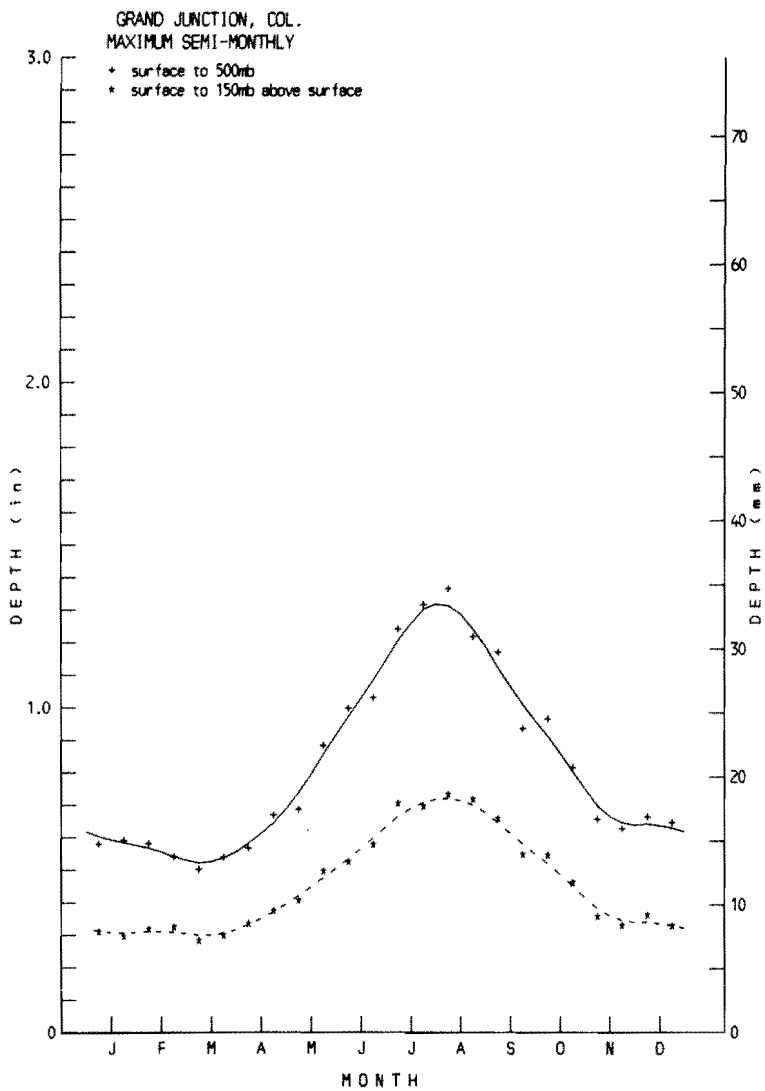
MAXIMUM SEMI-MONTHLY
002(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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. 26 YEARS OF RECORD

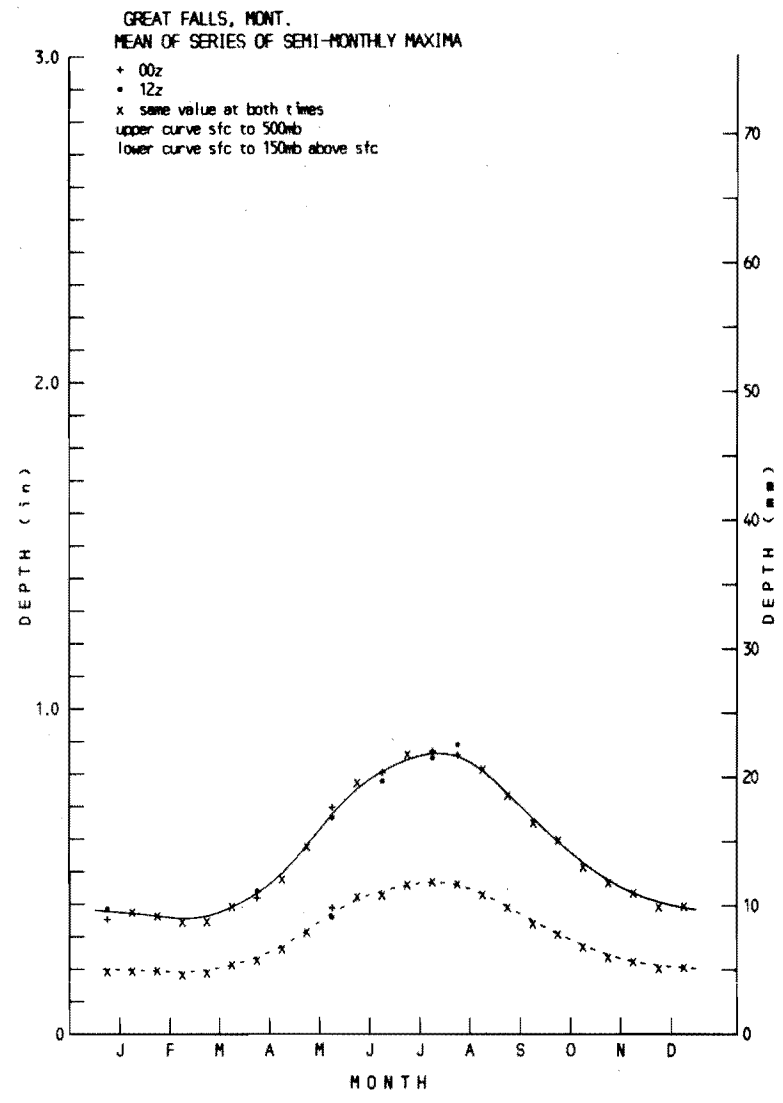
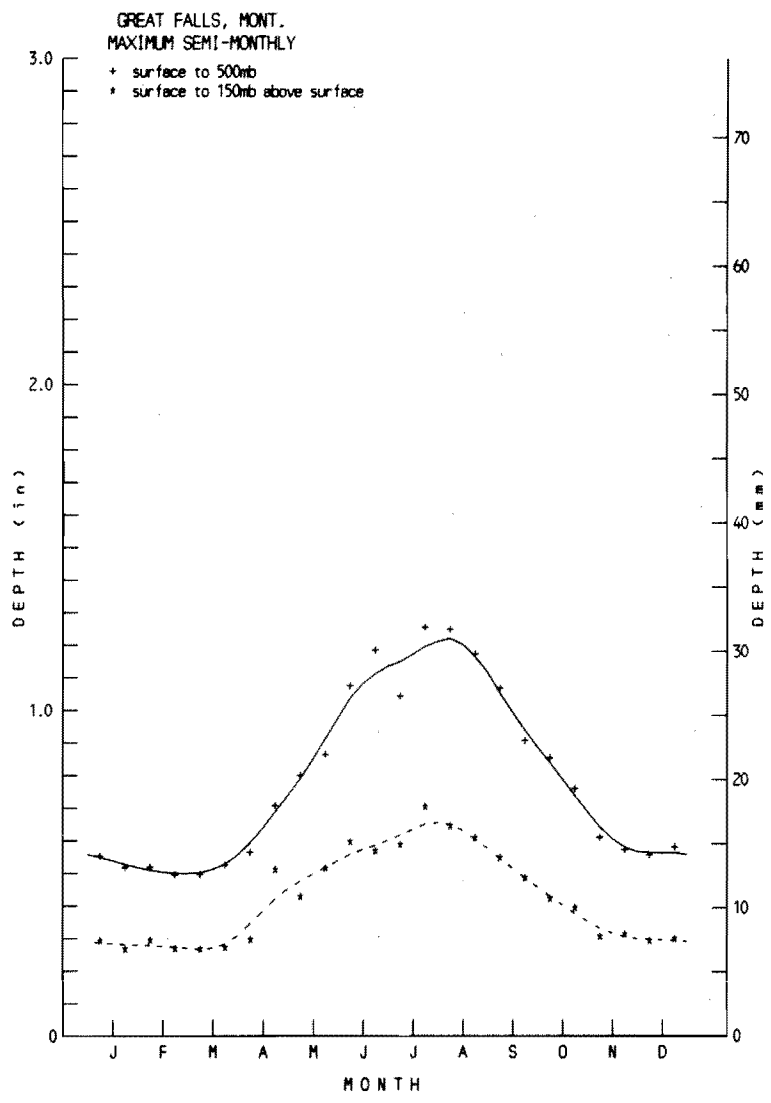
MAXIMUM SEMI-MONTHLY
002(032) AND 122(152) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(032) 122(152)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.3584)	.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. 27 YEARS OF RECORD

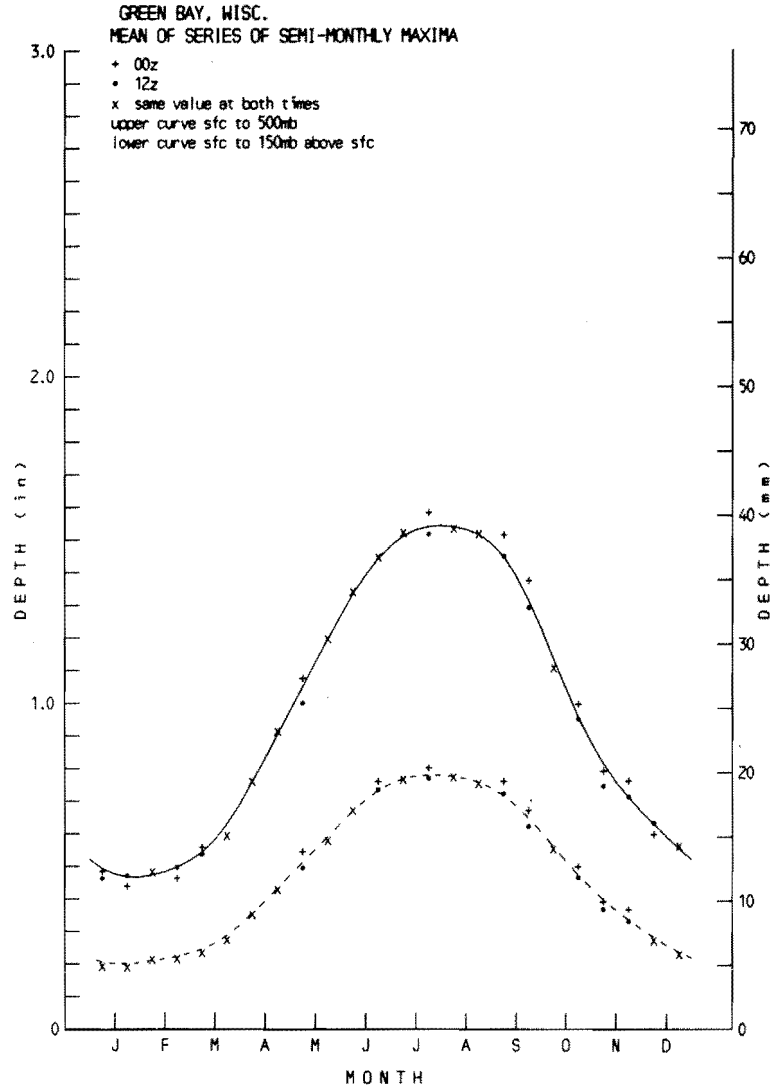
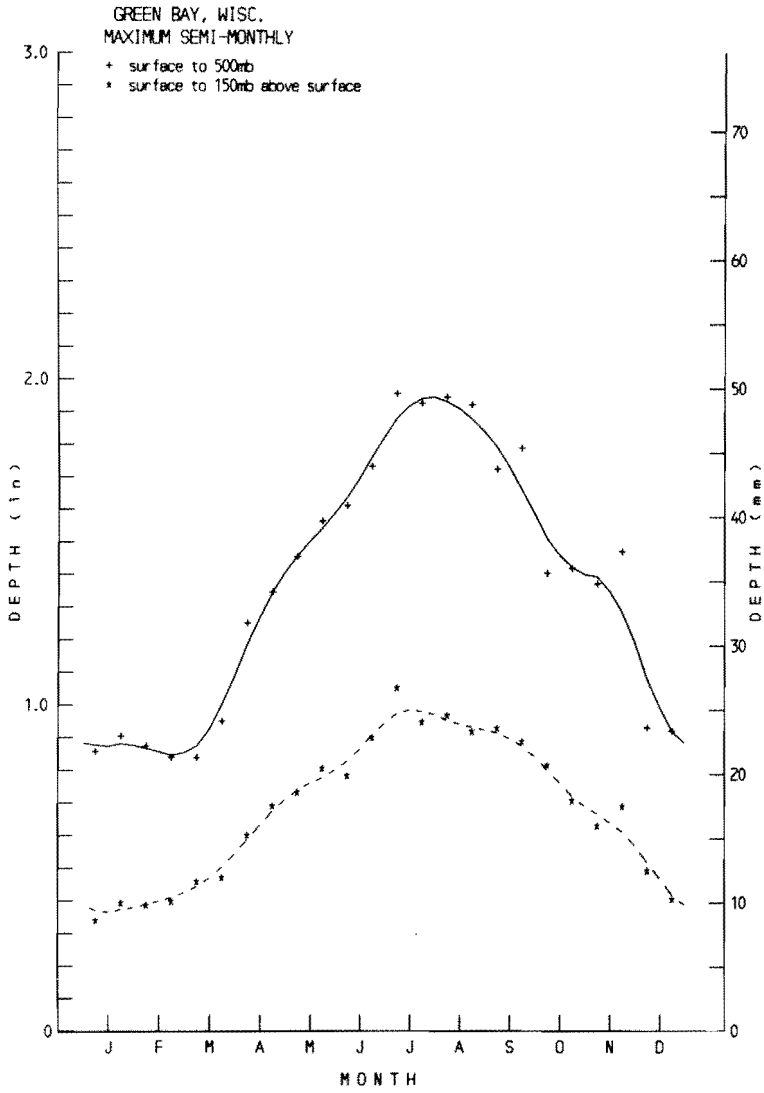
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)				
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. 20 YEARS OF RECORD

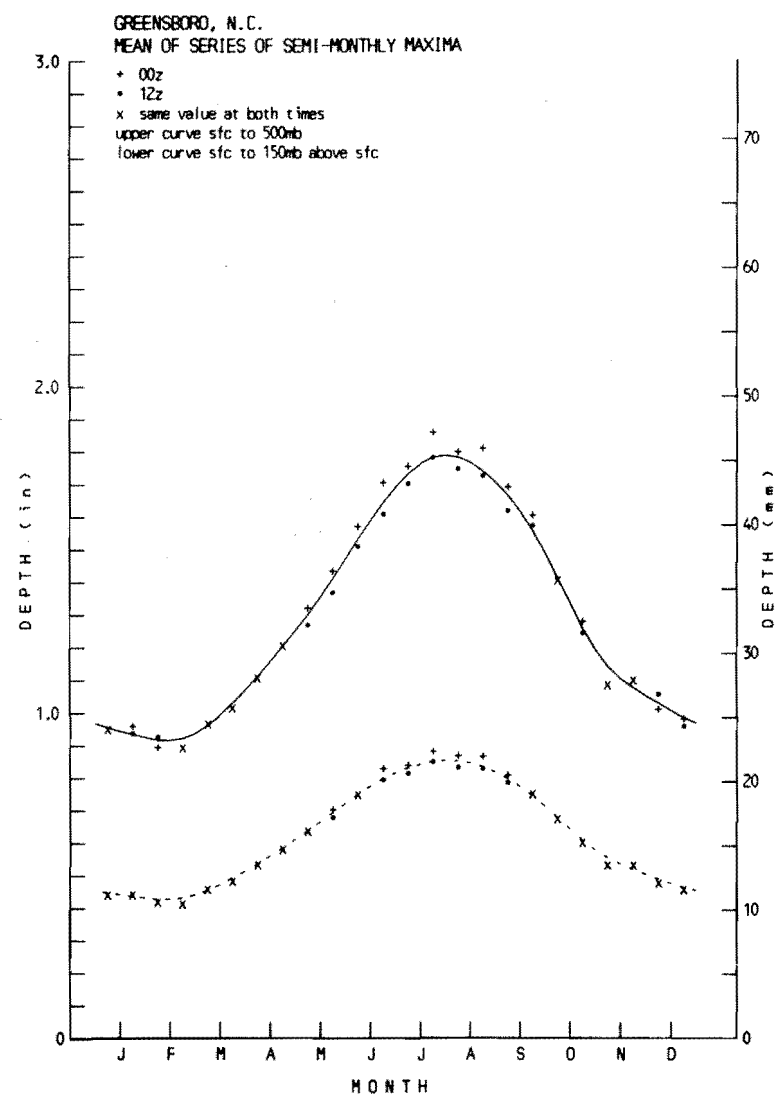
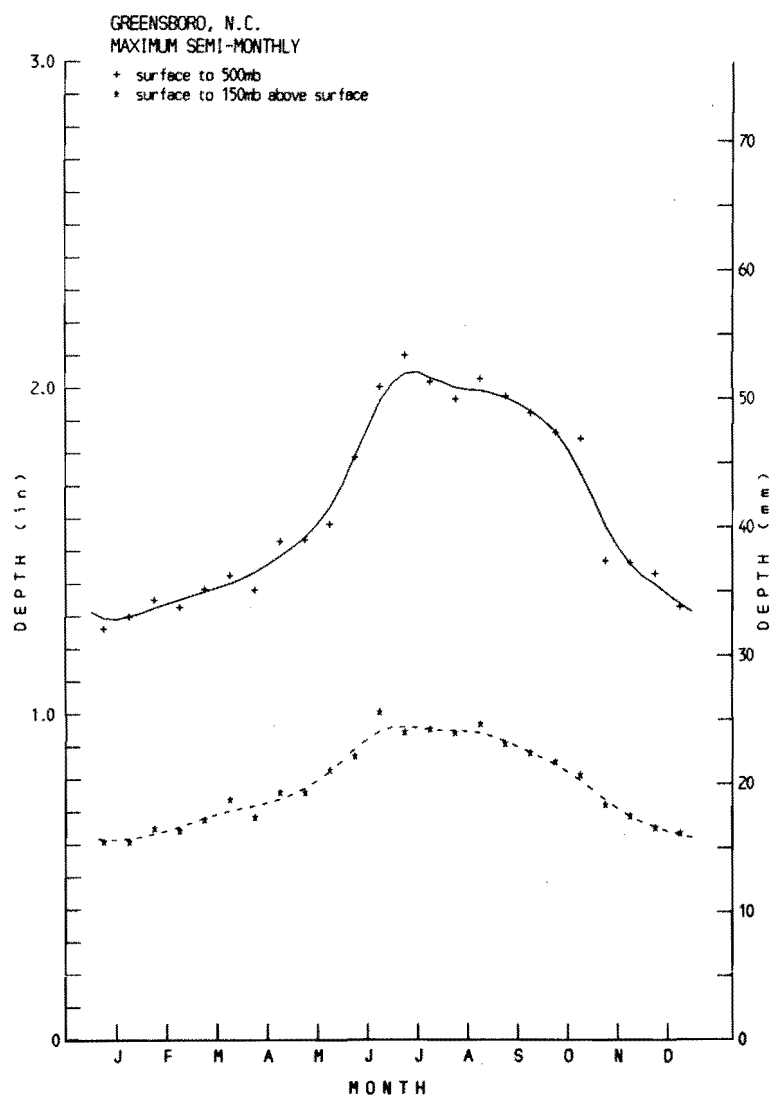
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.5557)	.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.

27 YEARS OF RECORD

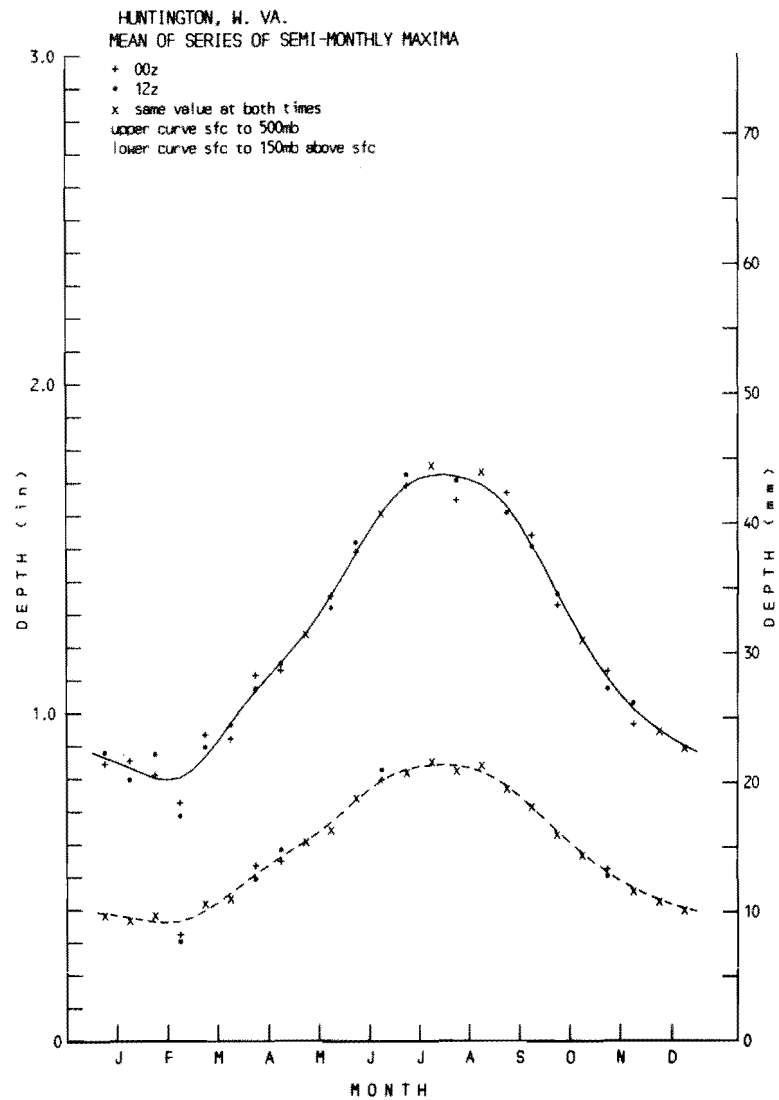
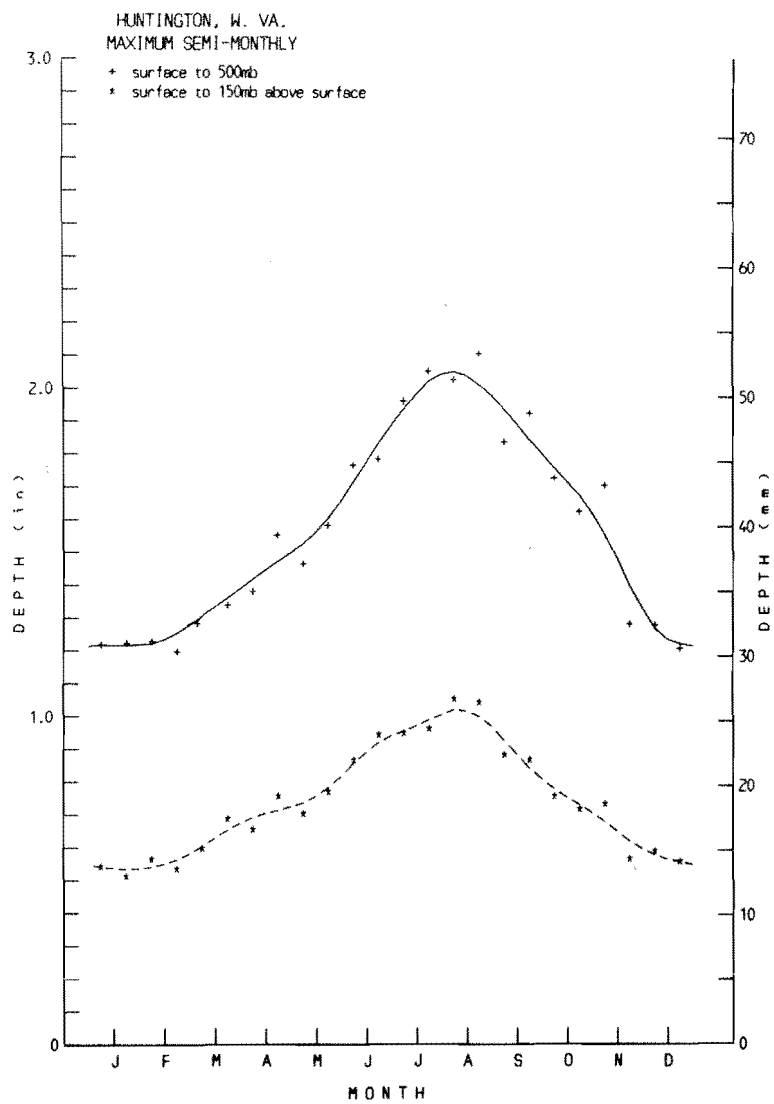
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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.

14 YEARS OF RECORD

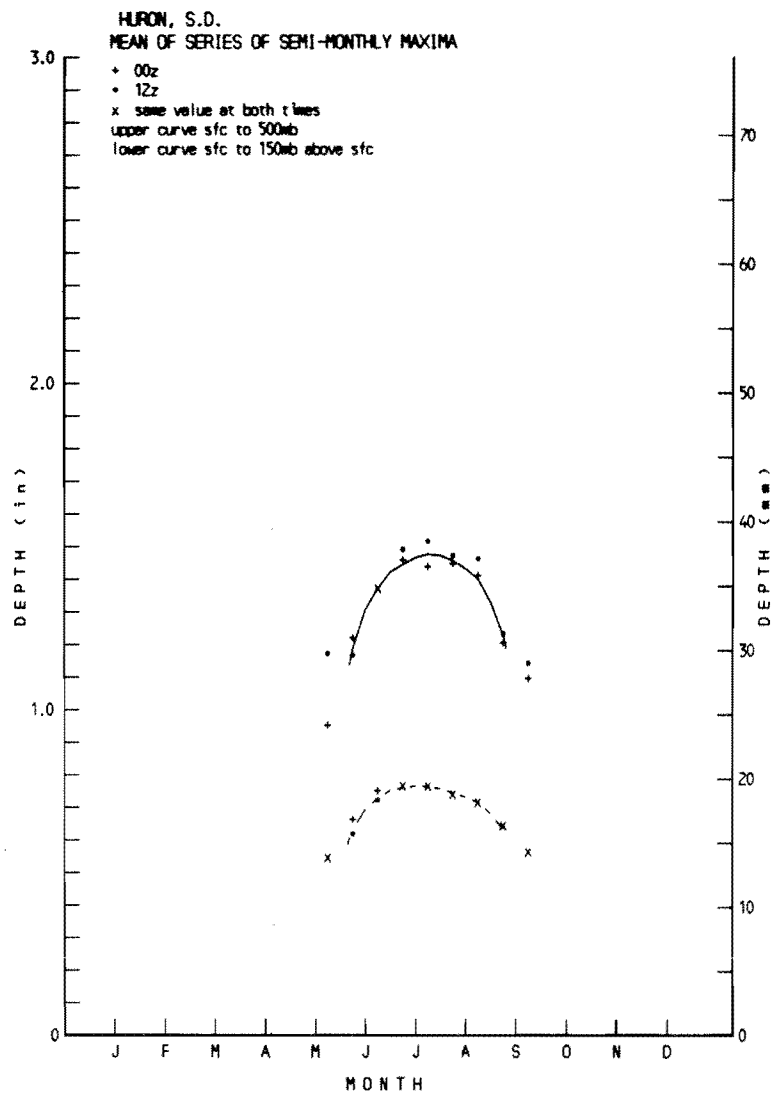
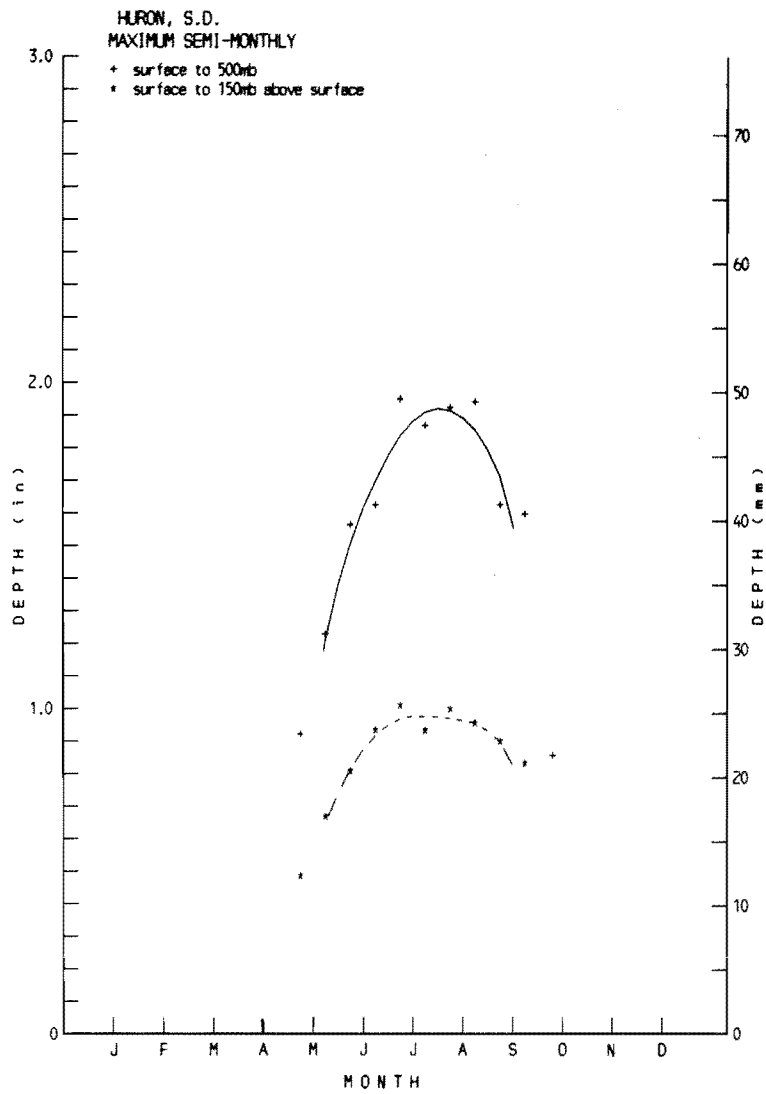
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)				
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.

15 YEARS OF RECORD

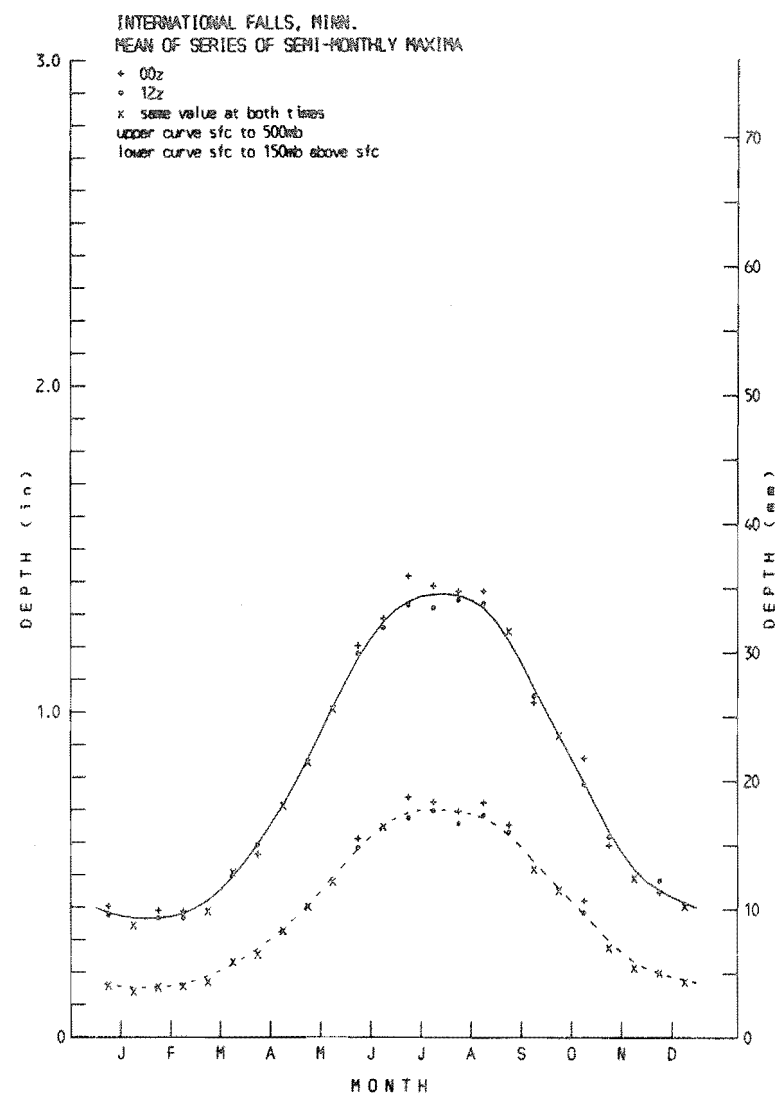
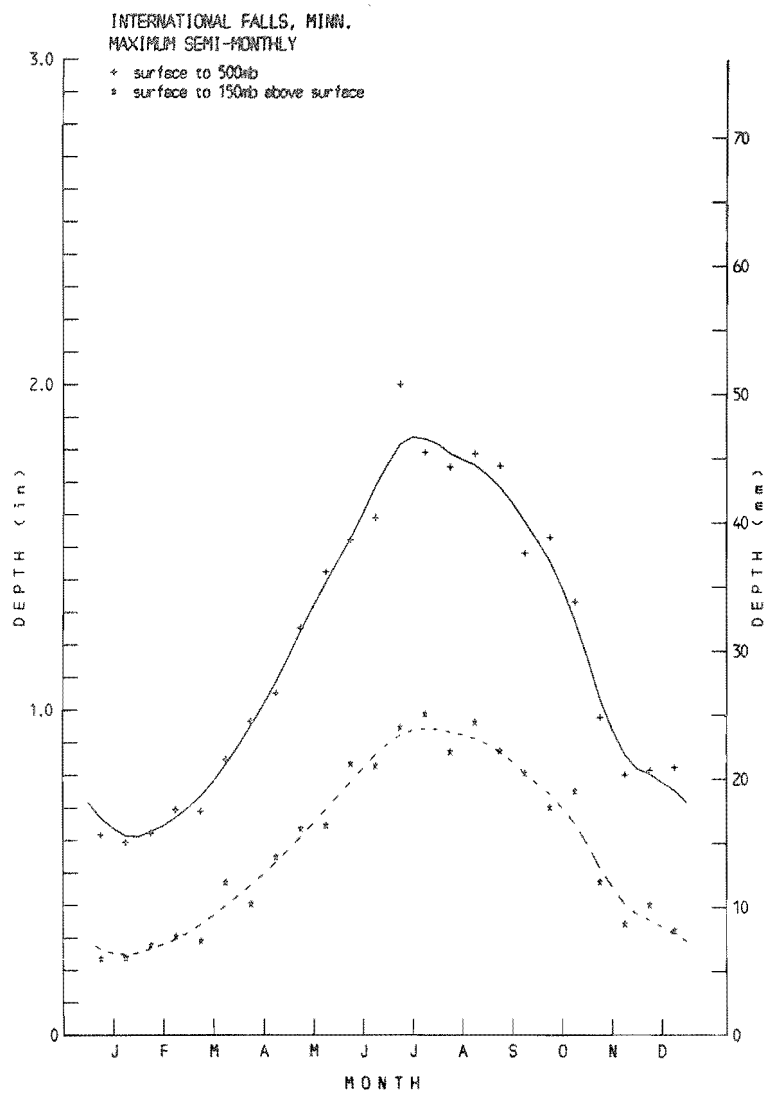
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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. 27 YEARS OF RECORD

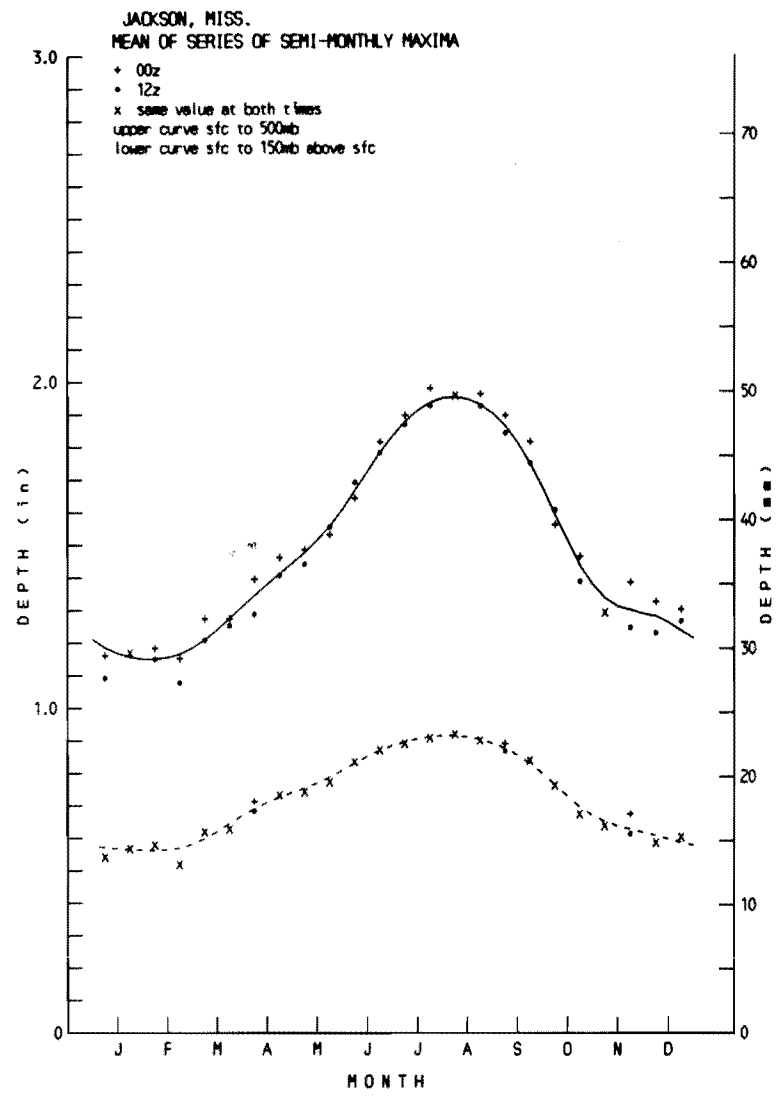
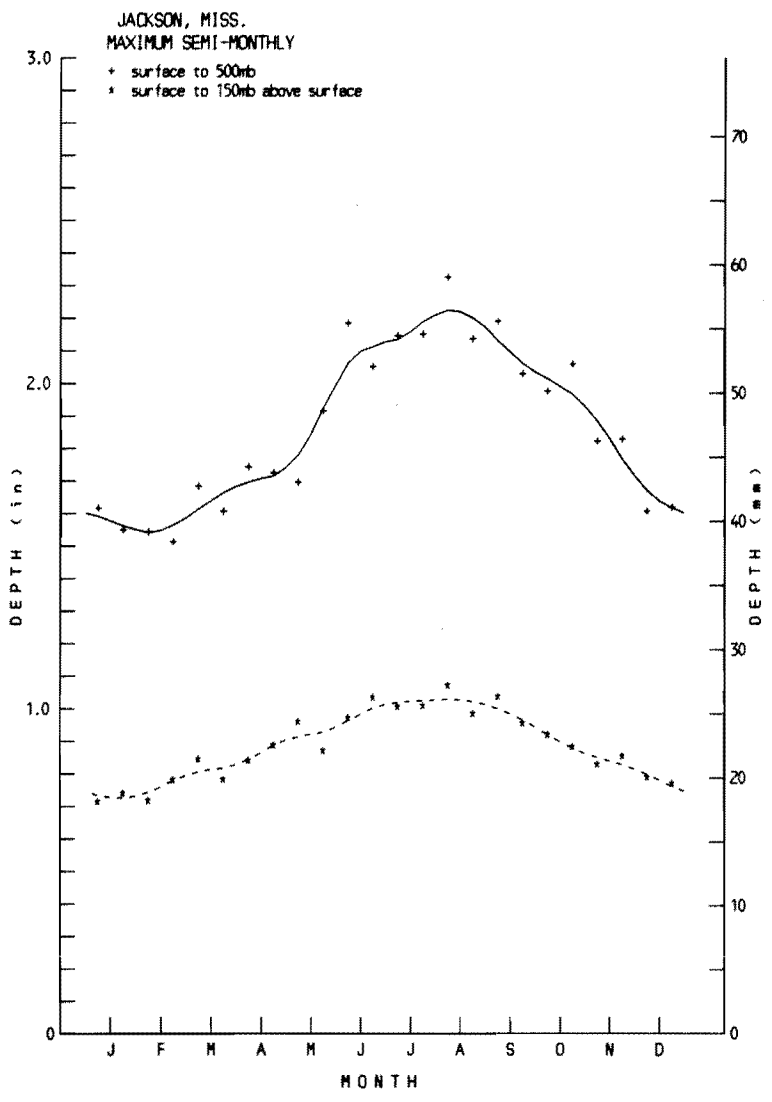
MAXIMUM SEMI-MONTHLY
002(032) AND 122(152) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(032) 122(152)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.3765)	.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	(.1006)	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. 19 YEARS OF RECORD

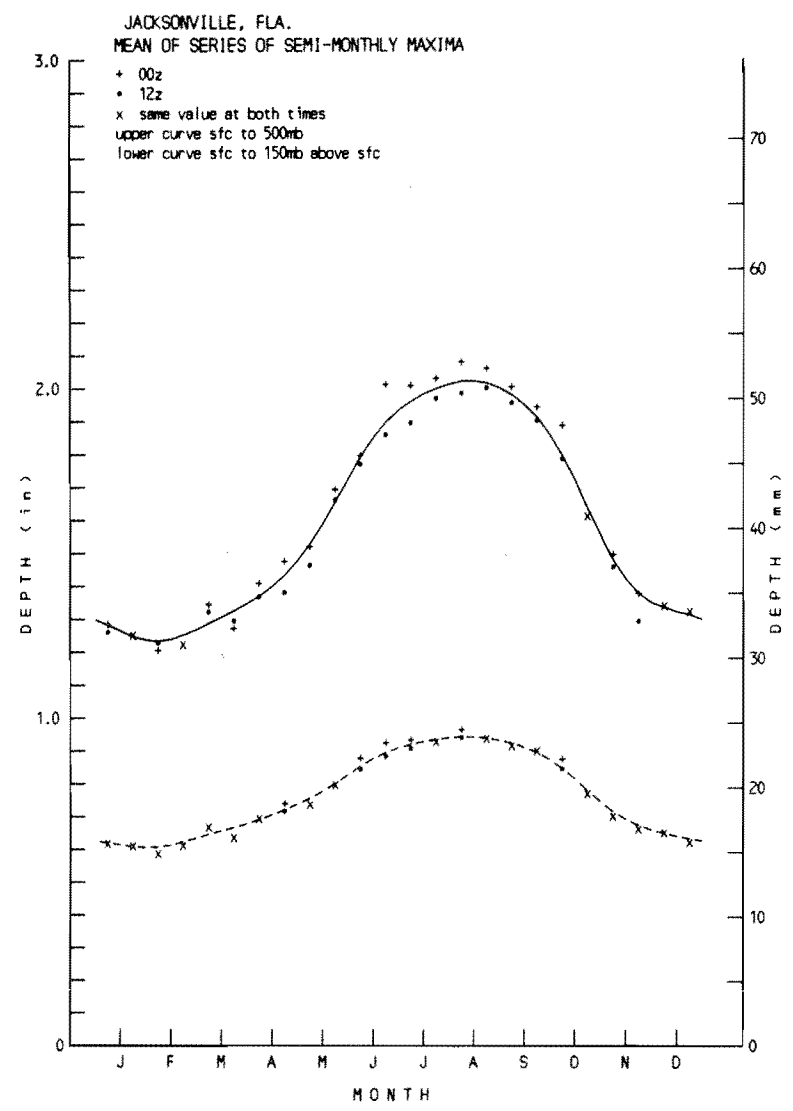
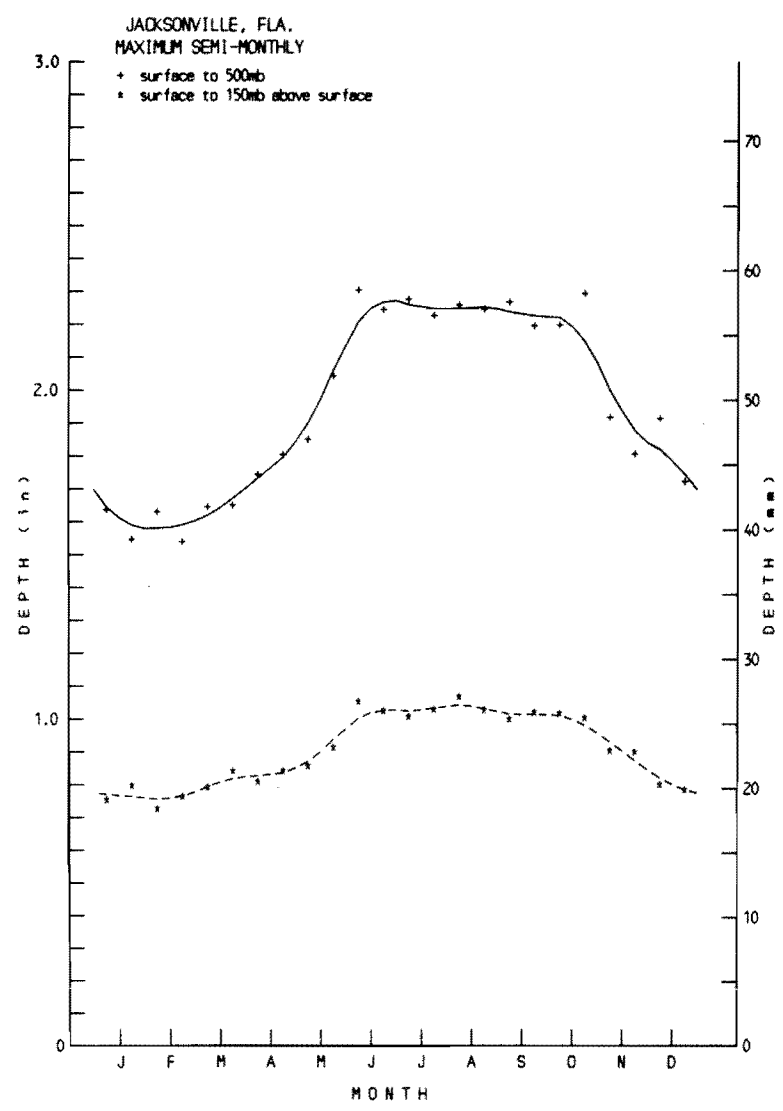
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

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 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	(.0966)	1.6307	(.6420)	.2817	(.1109)	NOV-1
2	2.1679	(.8535)	61111600	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.

23 YEARS OF RECORD

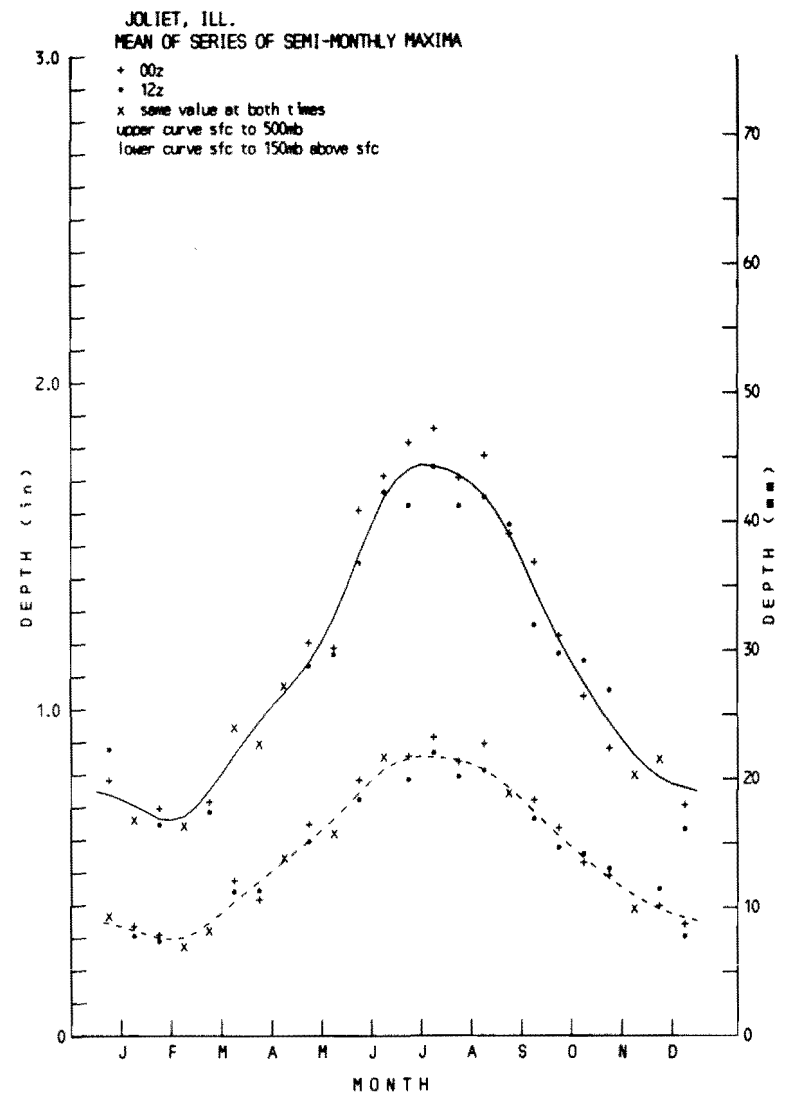
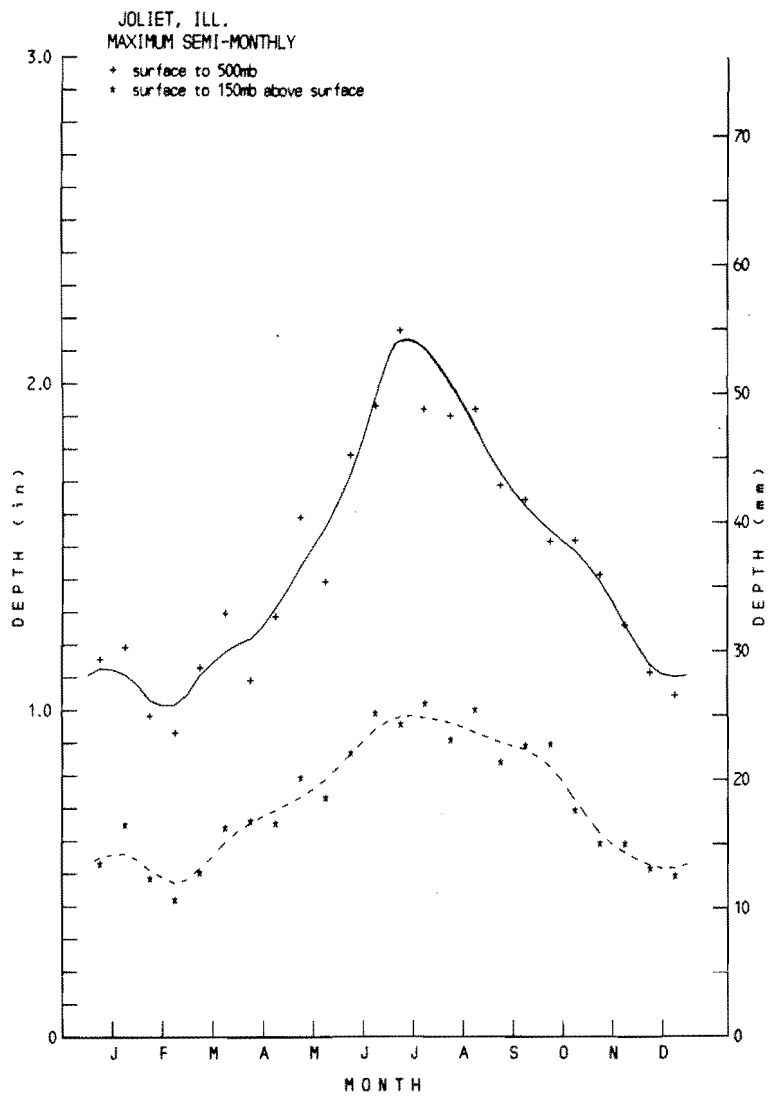
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	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	(.1731)	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	(.1923)	NOV-1
2	4.8860	(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	2.3814	(.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	(.0563)	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	(.6966)	.1980	(.0779)	NOV-1
2	2.2835	(.8990)	57111612	1.7065	(.6719)	.2269	(.0893)	1.6790	(.6610)	.2177	(.0837)	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.

7 YEARS OF RECORD

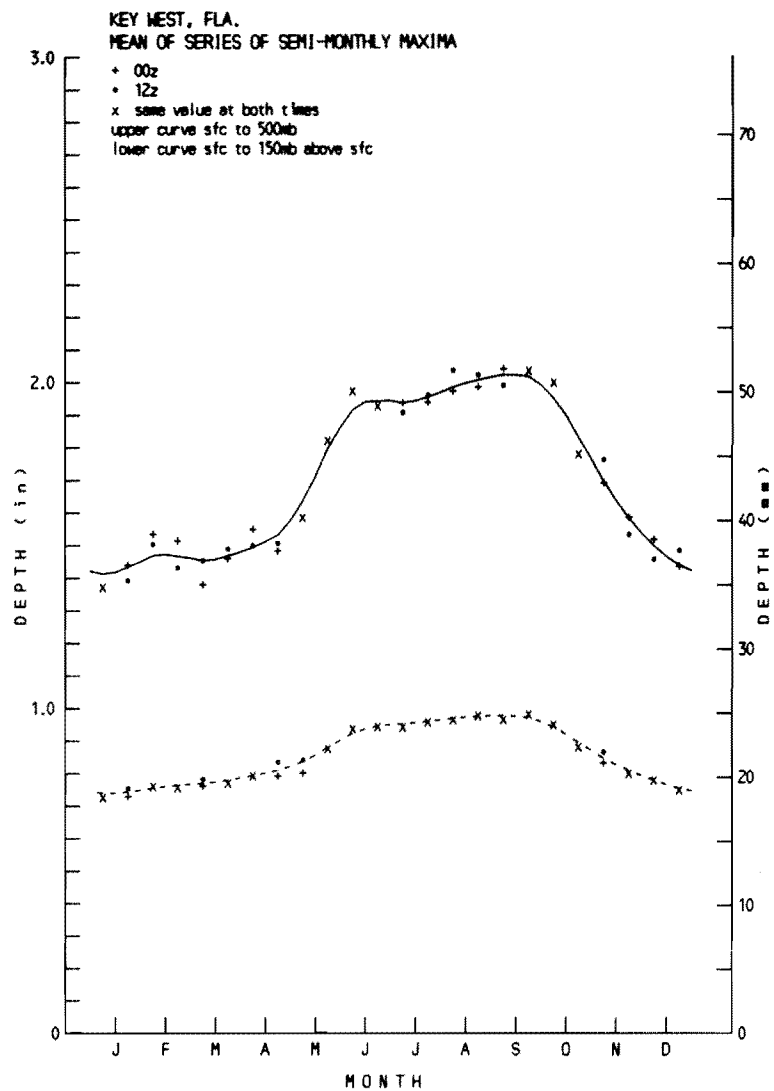
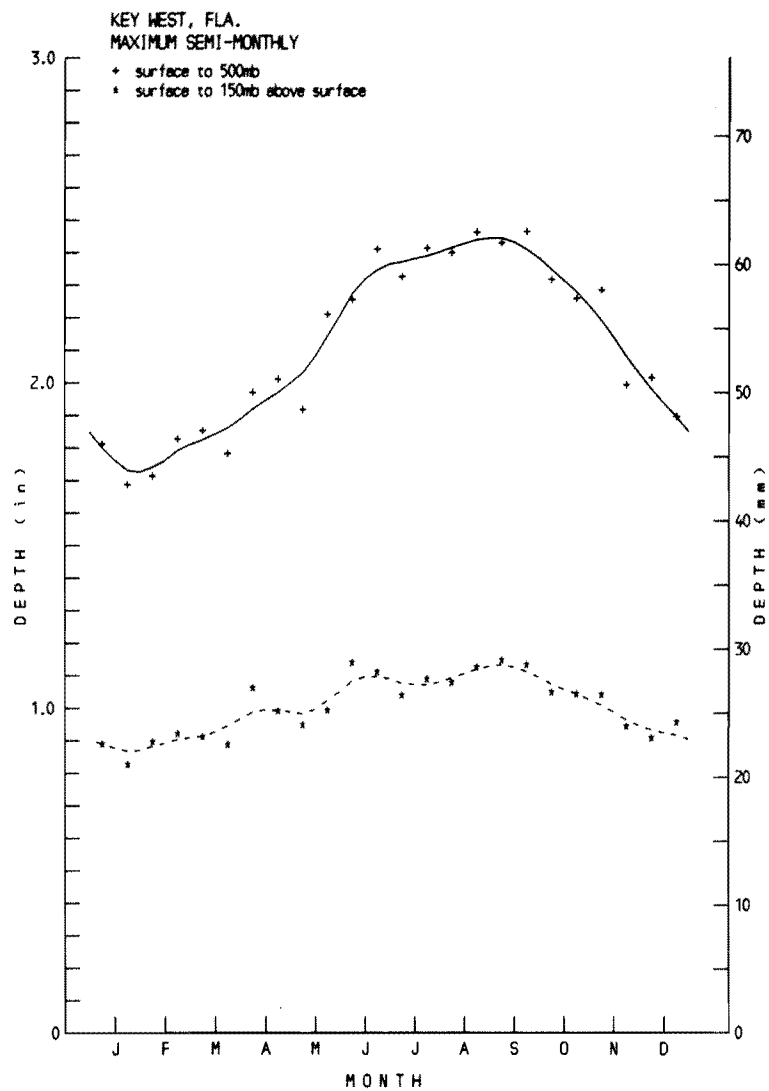
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.6547)	.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. 19 YEARS OF RECORD

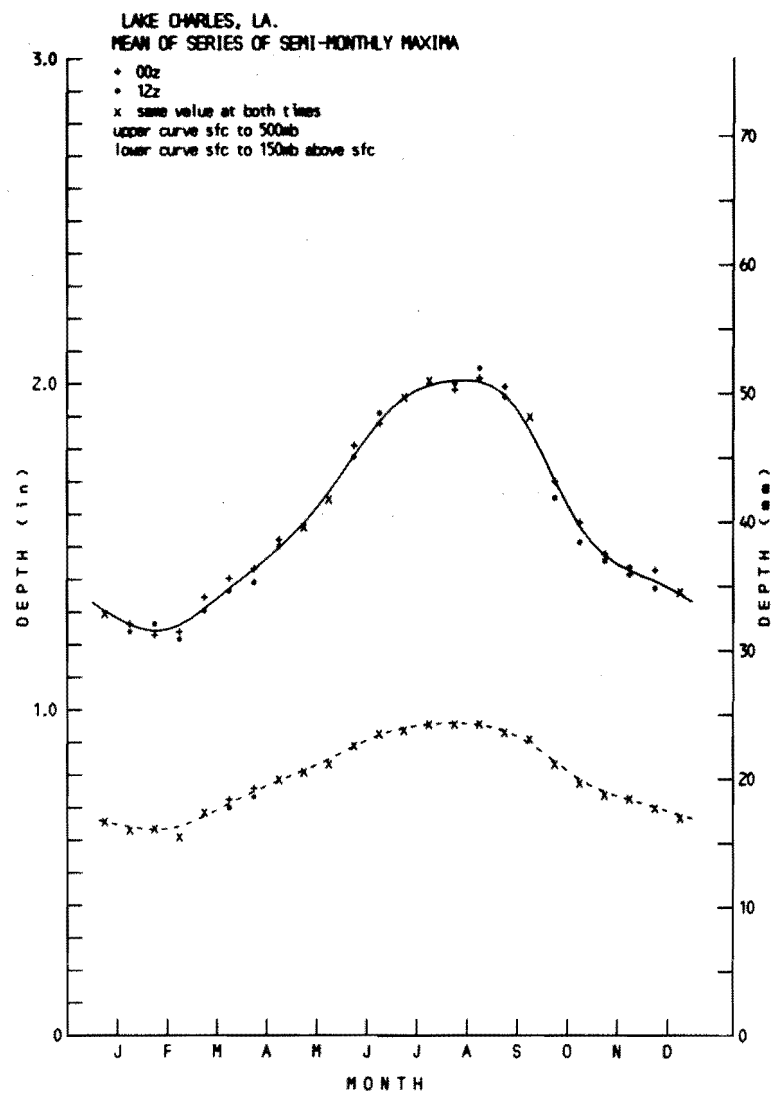
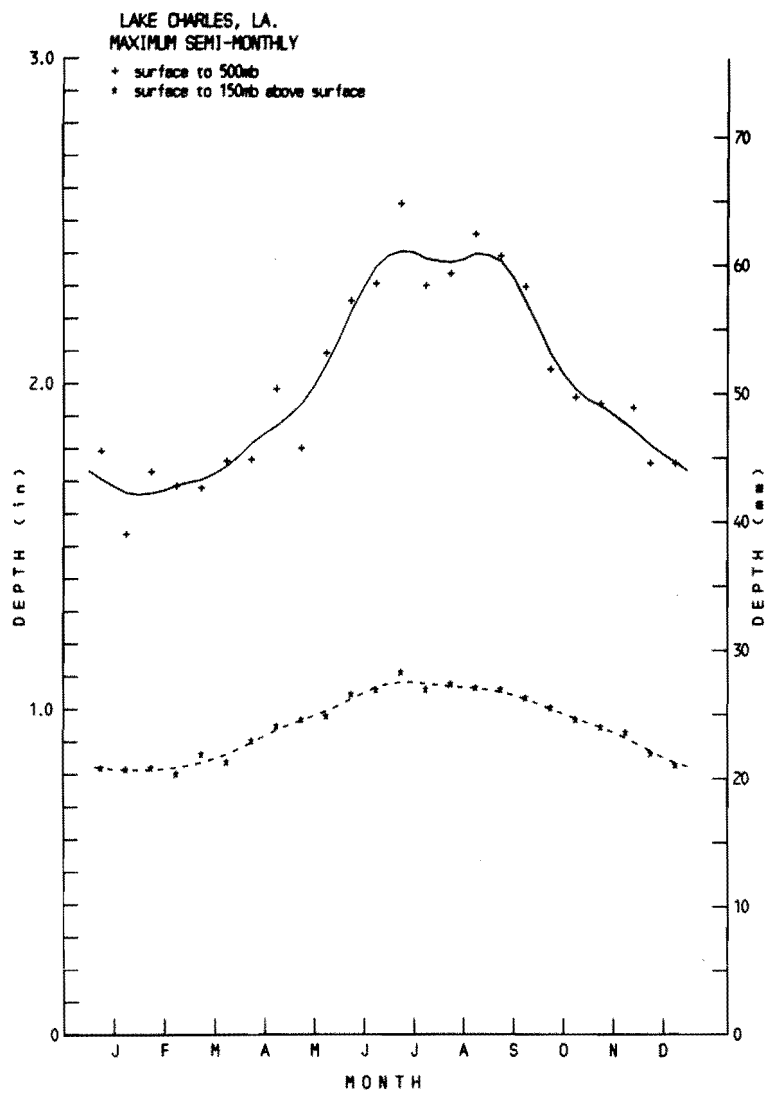
MAXIMUM SEMI-MONTHLY
002(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)		
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.

27 YEARS OF RECORD

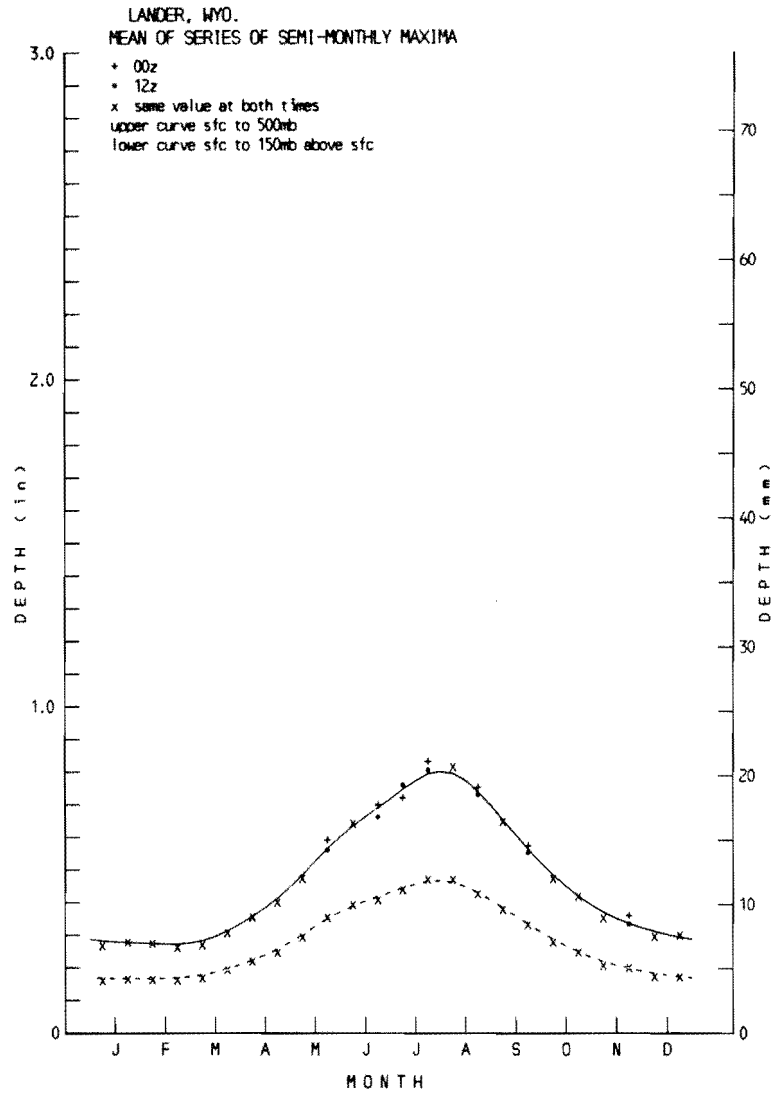
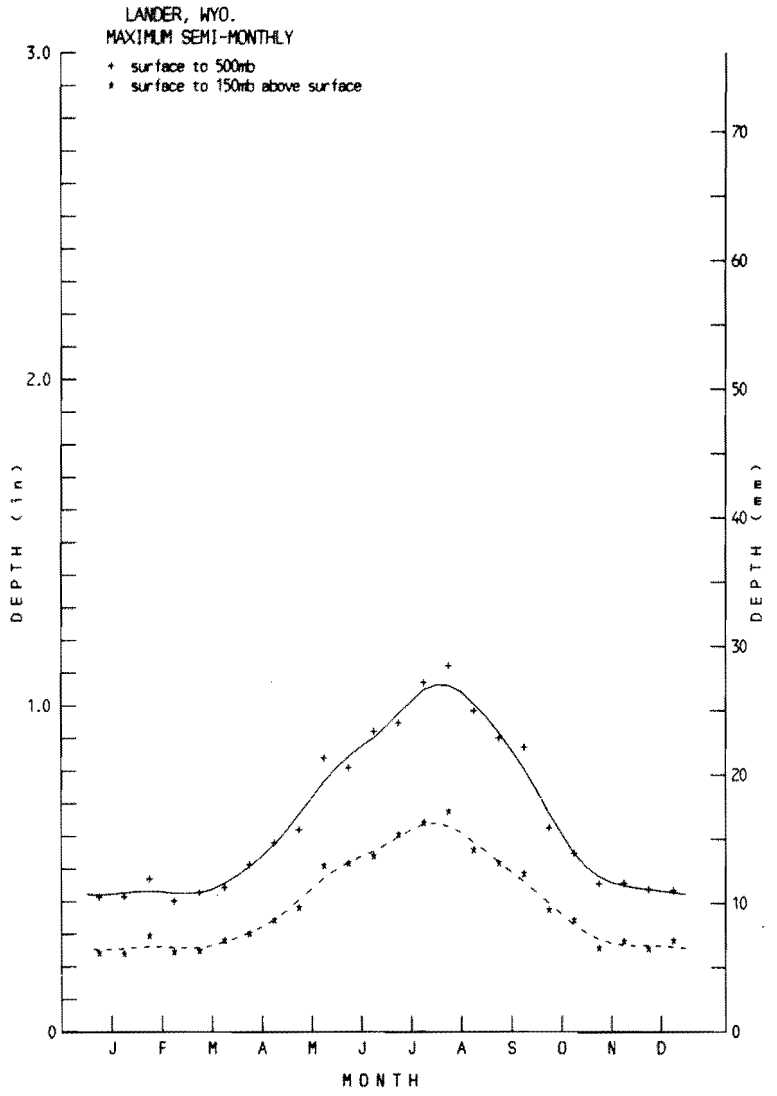
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

27 YEARS OF RECORD

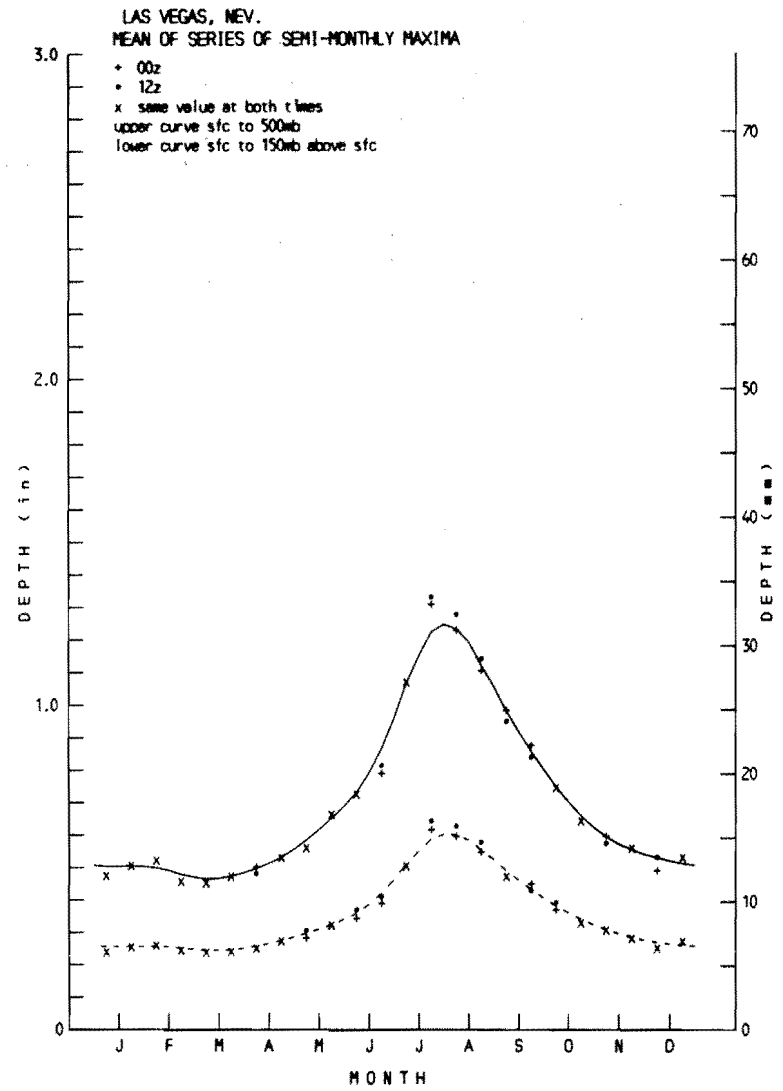
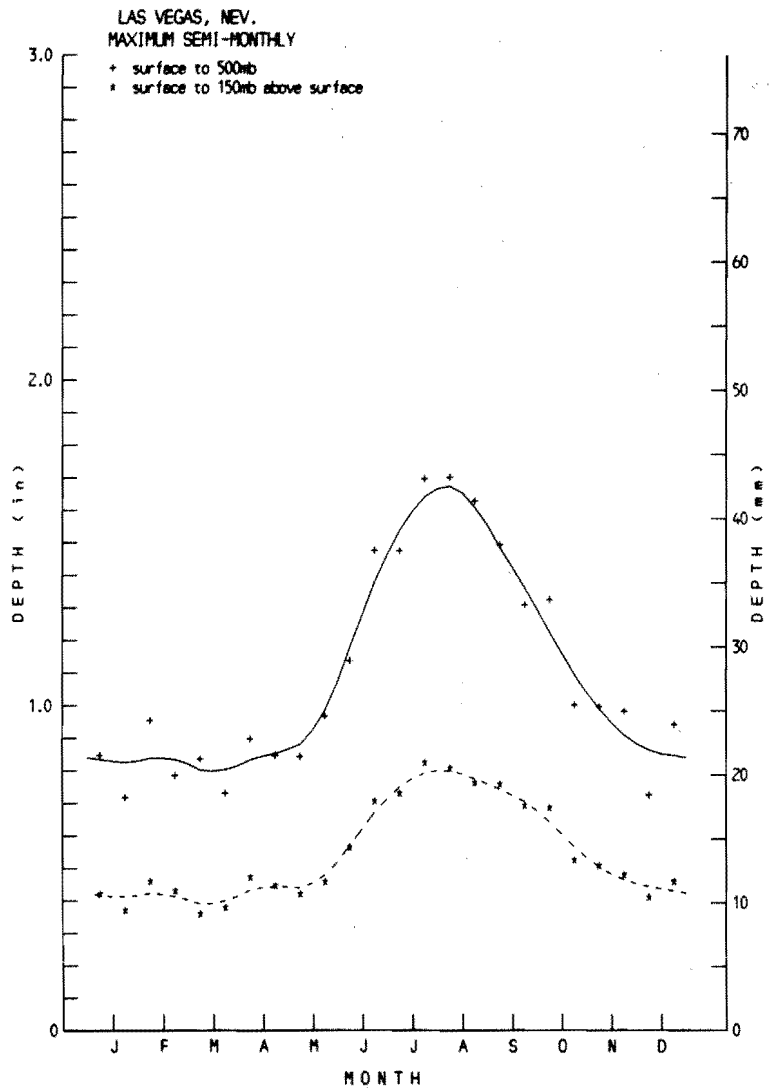
MAXIMUM SEMI-MONTHLY
002(032) AND 122(152) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(032) 122(152)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

27 YEARS OF RECORD

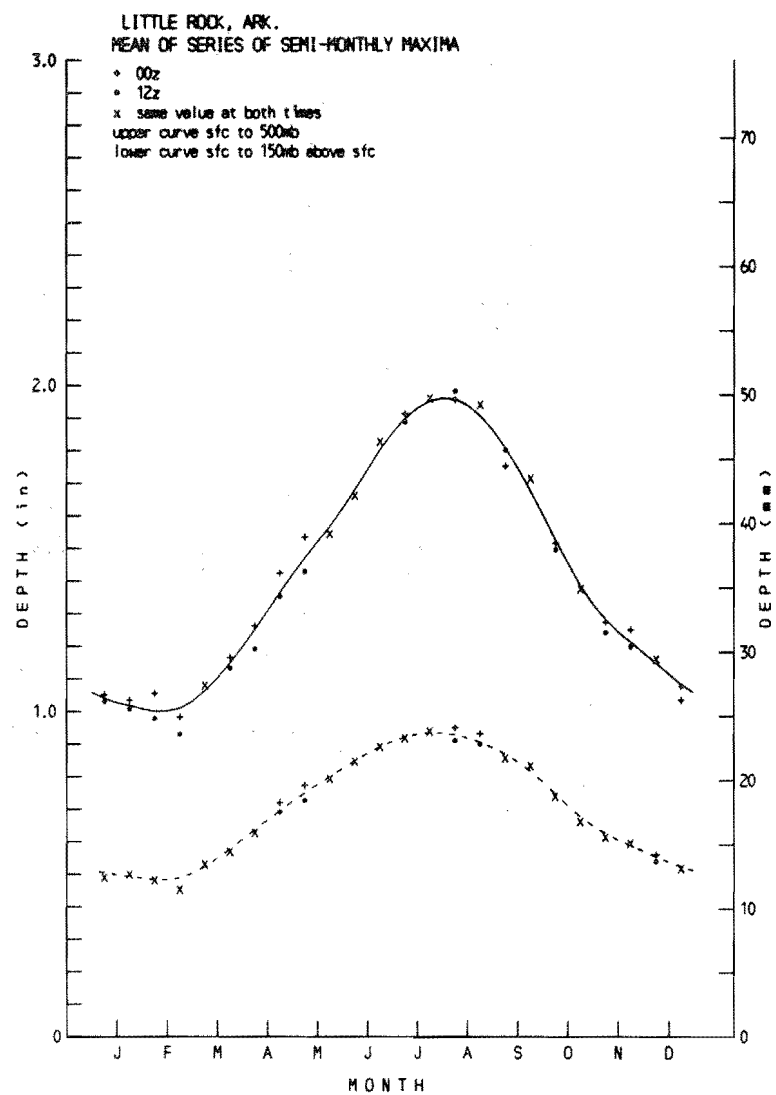
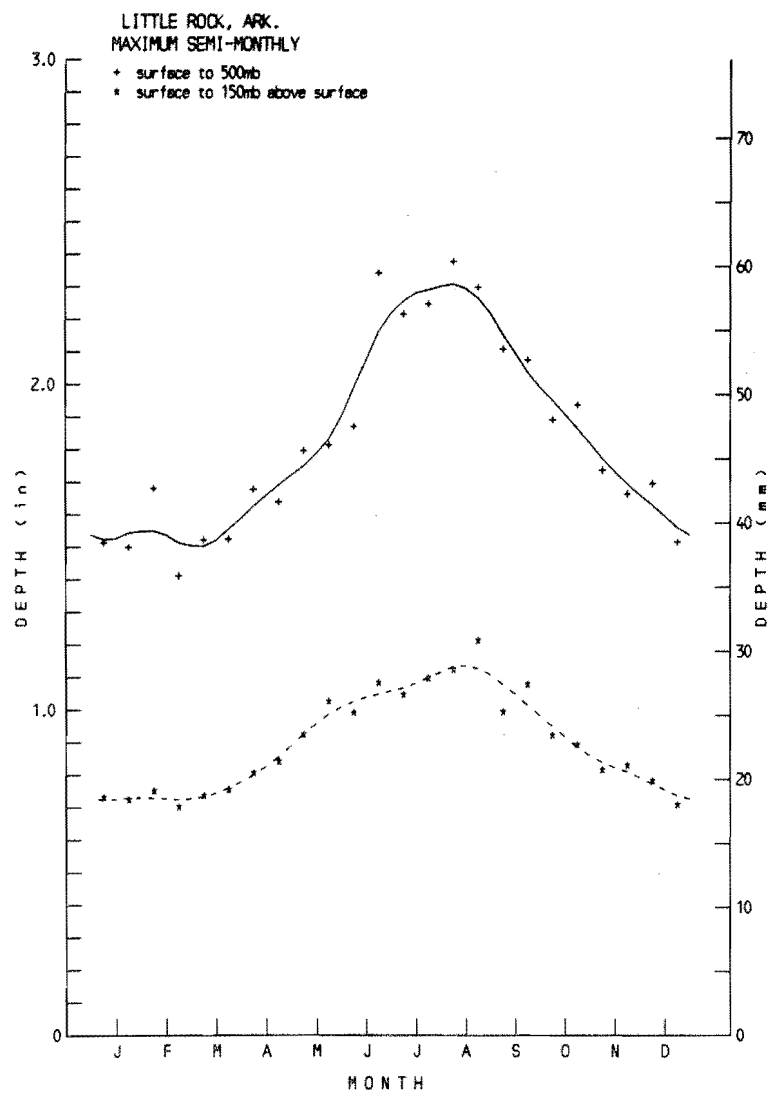
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.4552)	.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.

27 YEARS OF RECORD

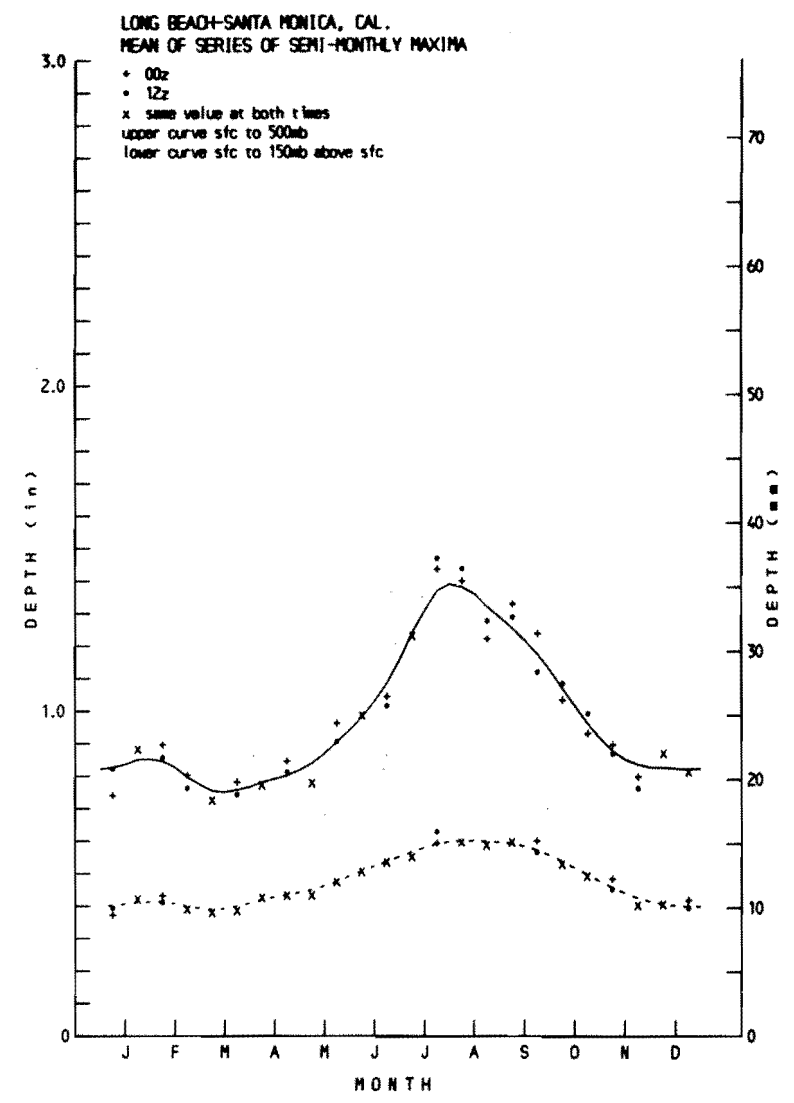
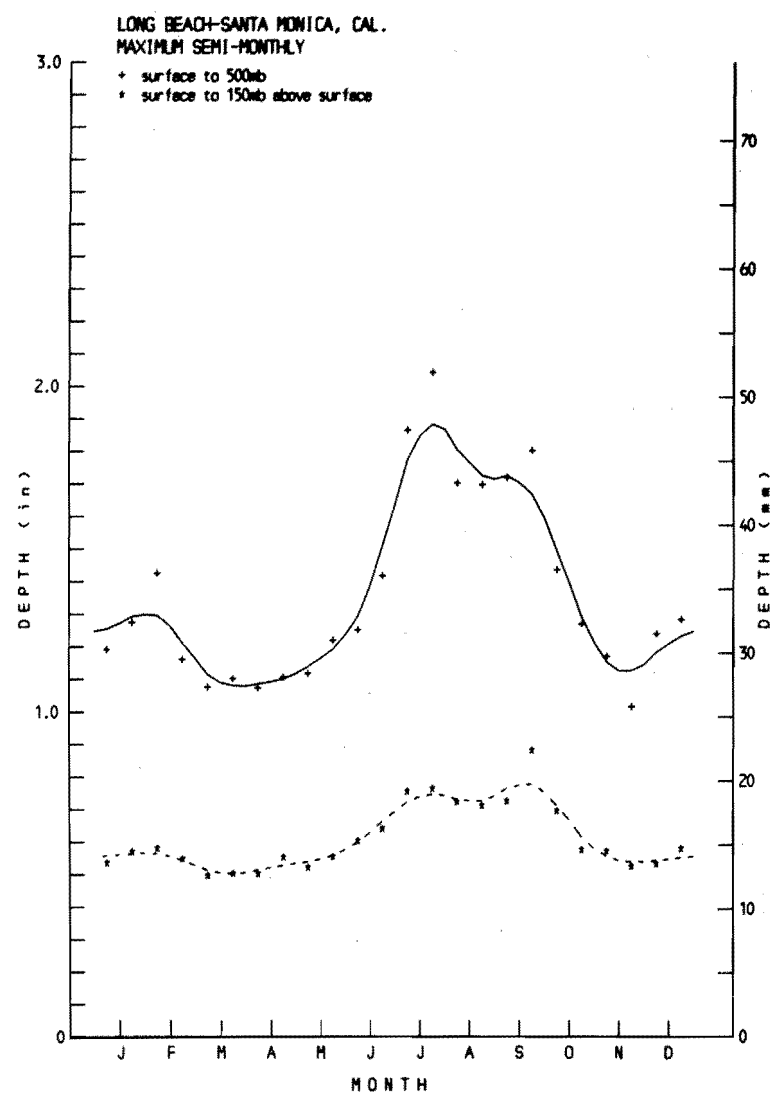
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

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 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	(1.0503)	.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. 17 YEARS OF RECORD

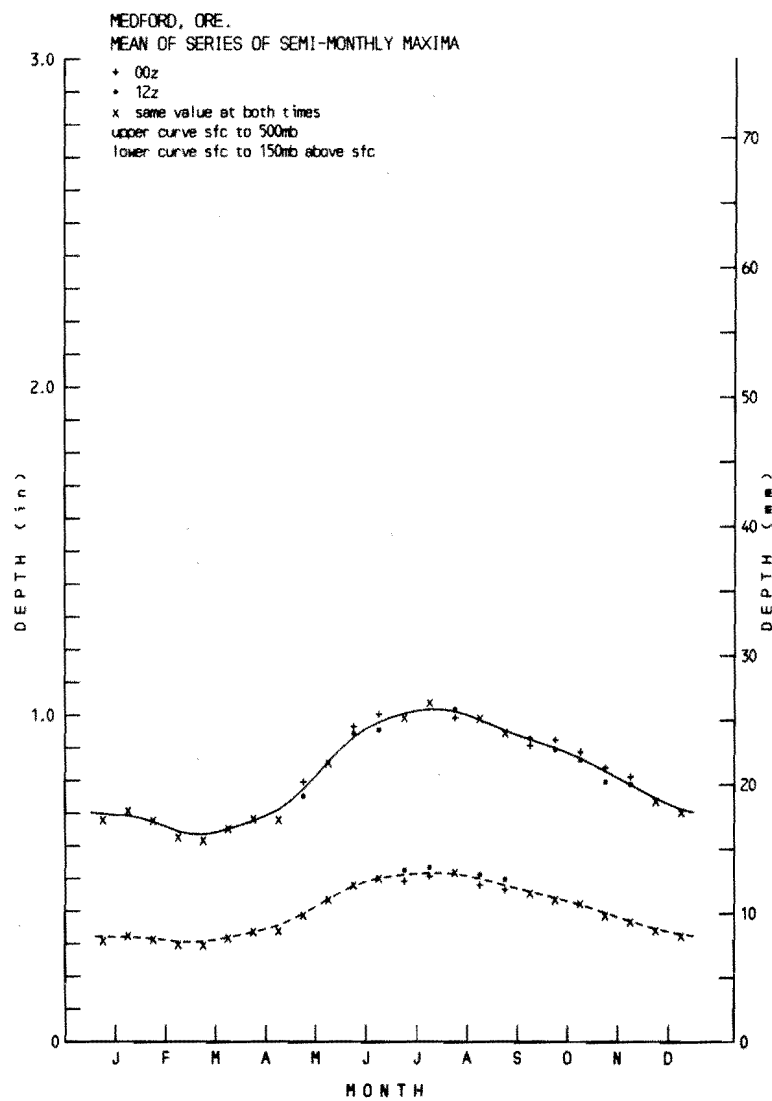
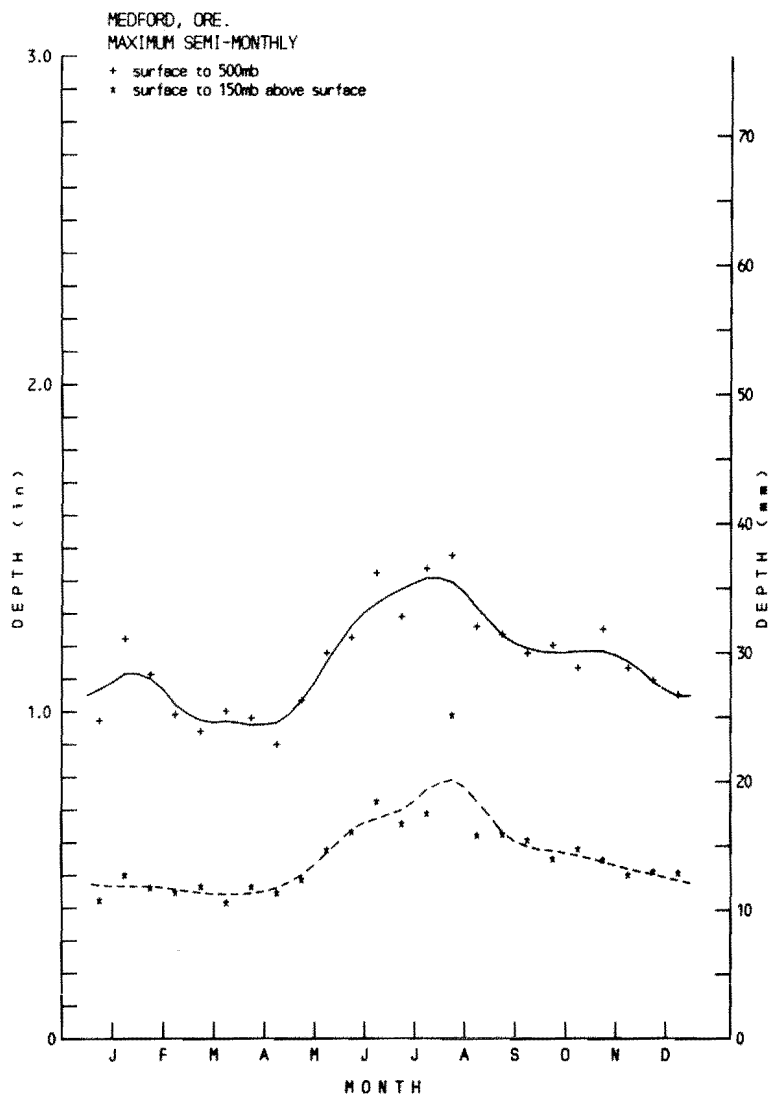
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

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 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.

27 YEARS OF RECORD

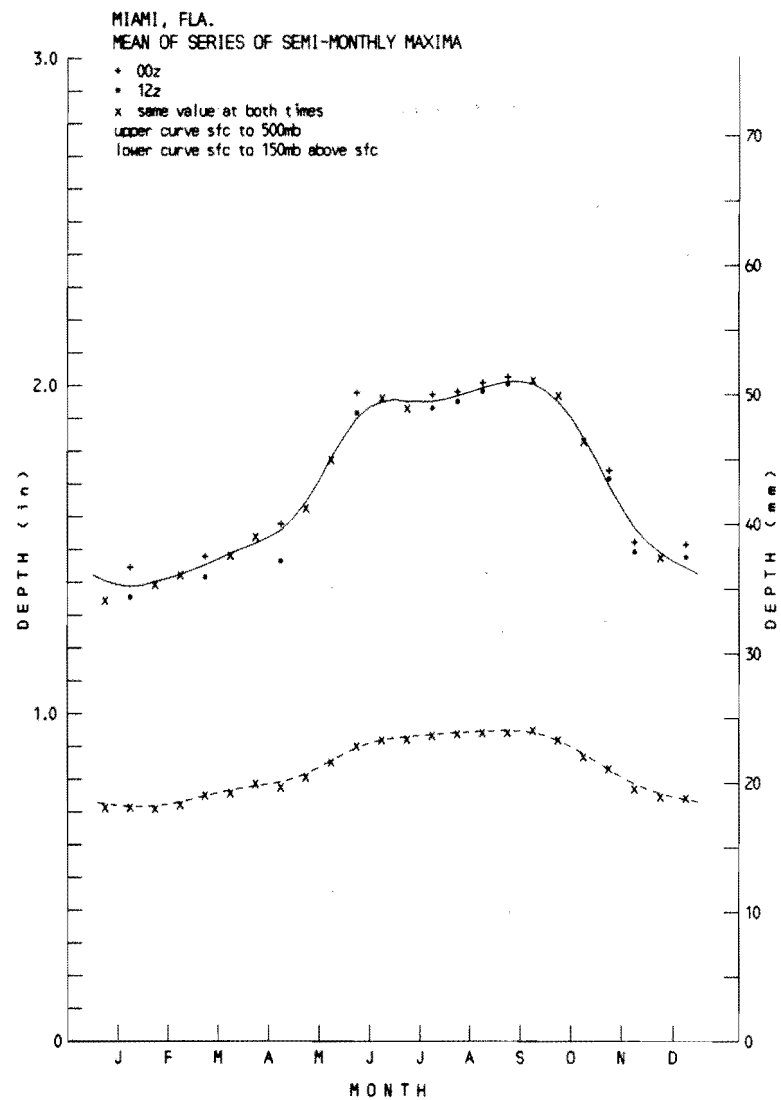
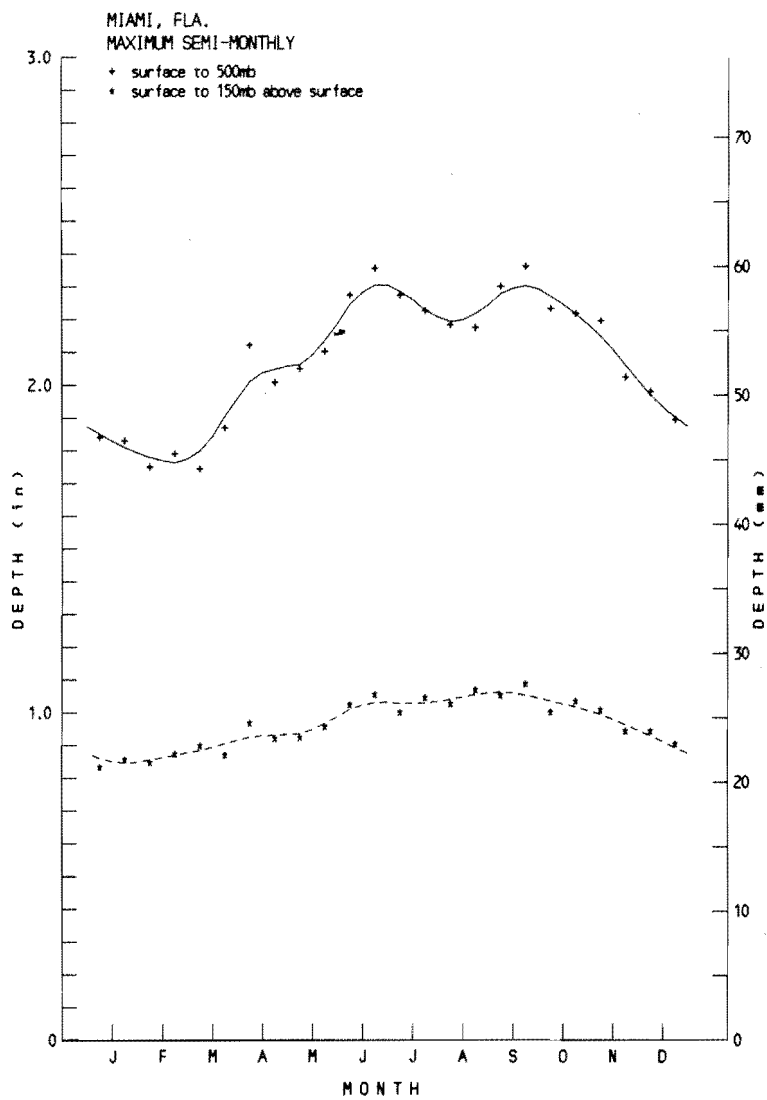
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

27 YEARS OF RECORD

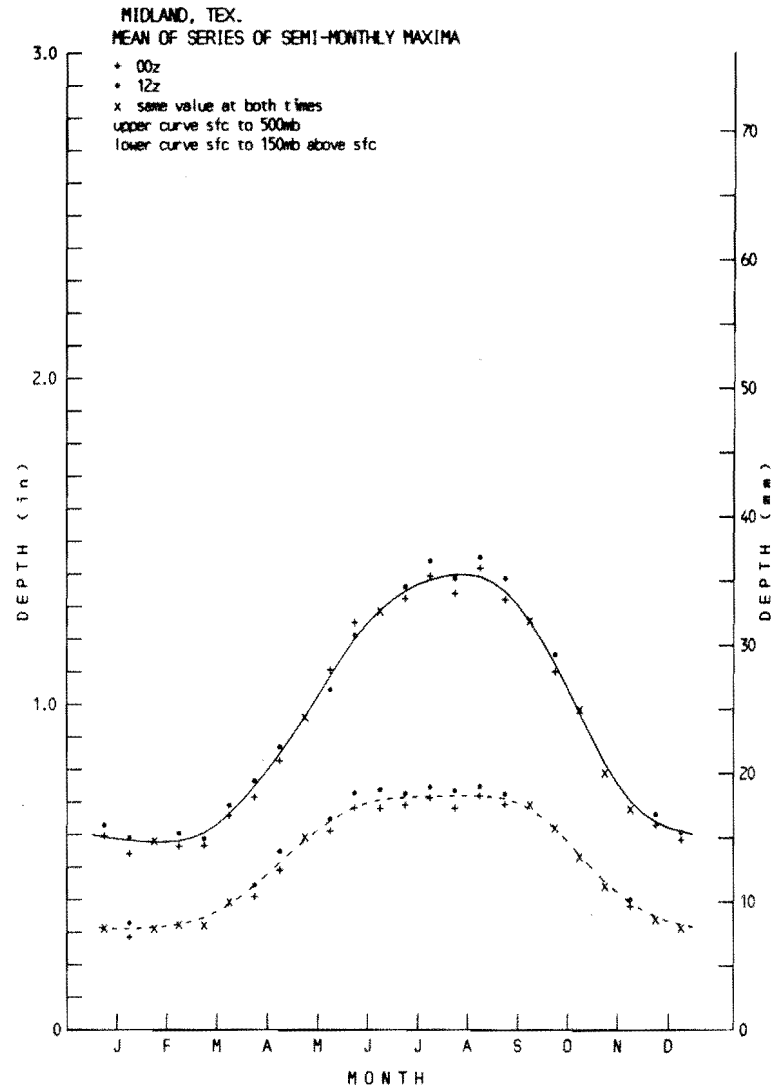
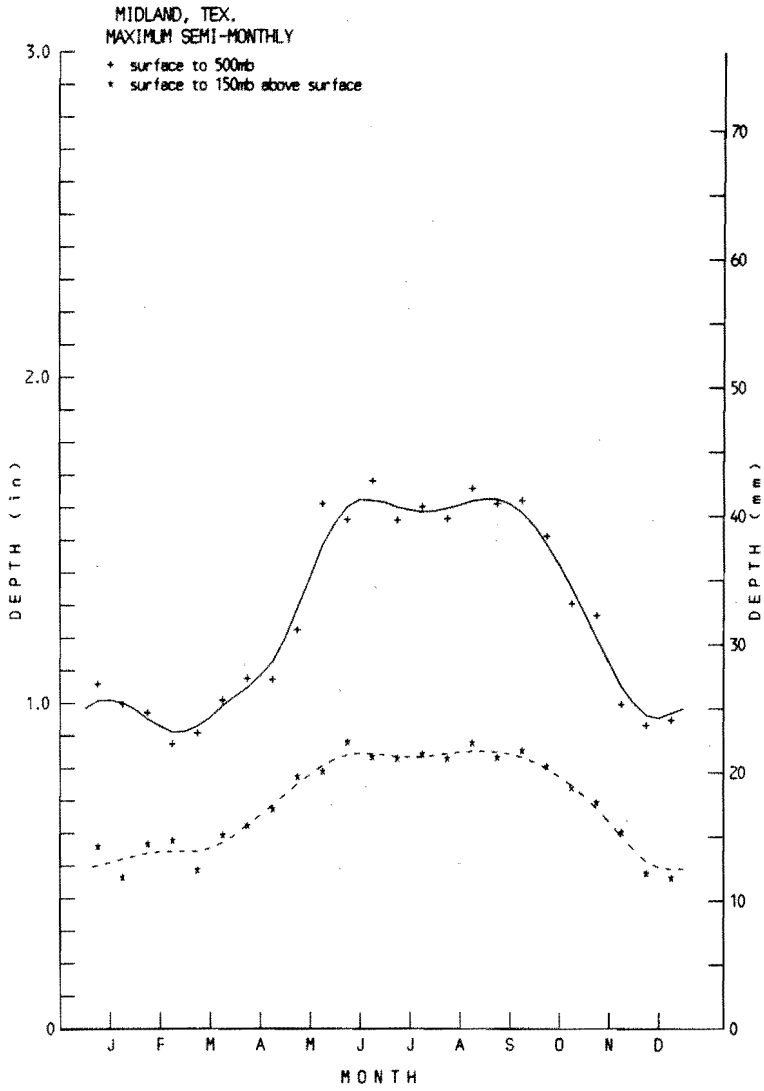
MAXIMUM SEMI-MONTHLY
002(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(2.3317)	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.

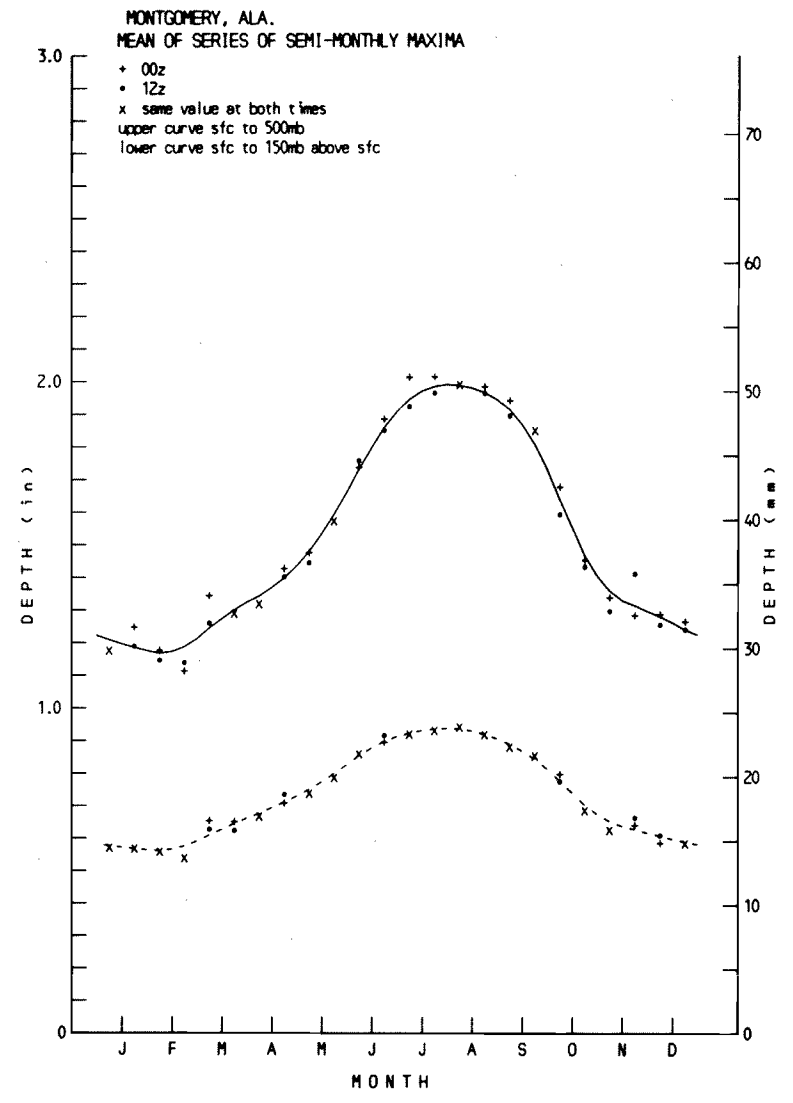
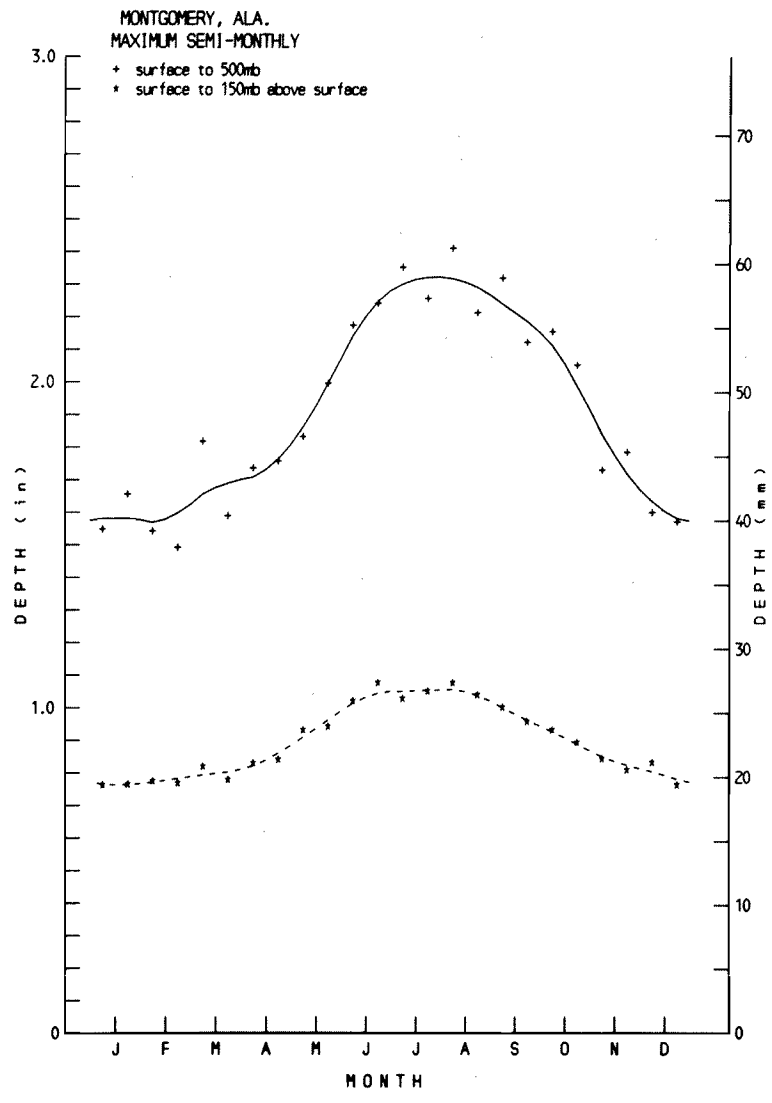
24 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINEDMEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.5558)	.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.

24 YEARS OF RECORD

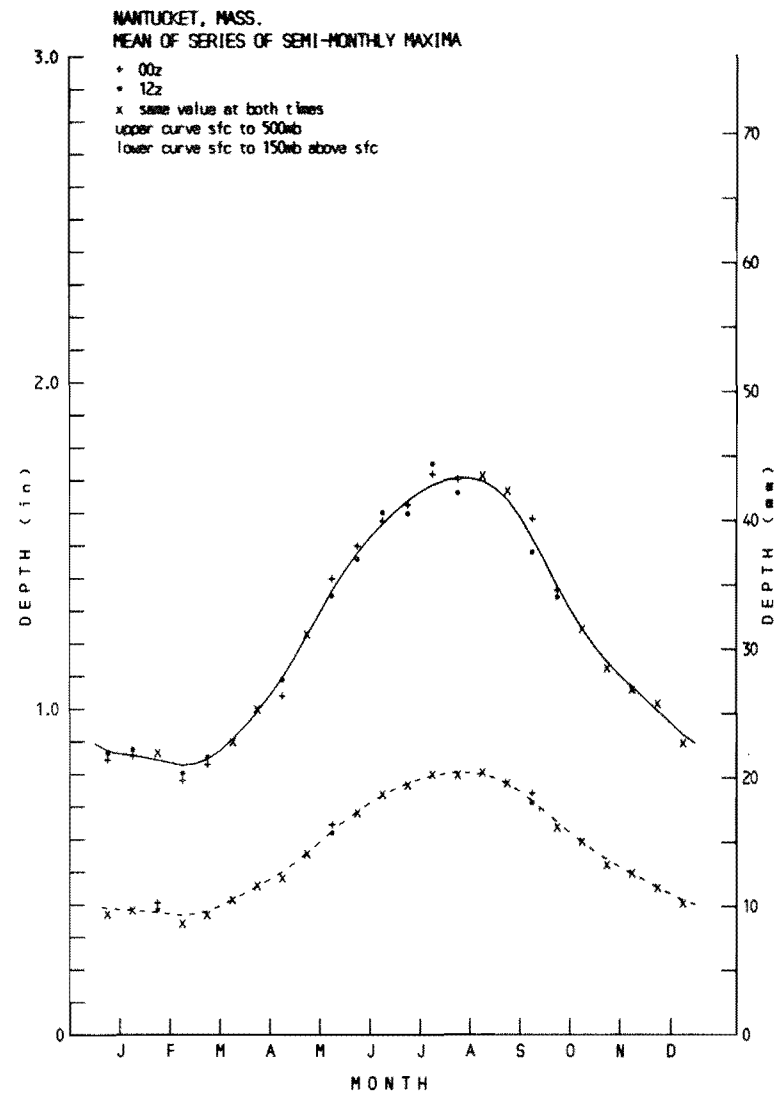
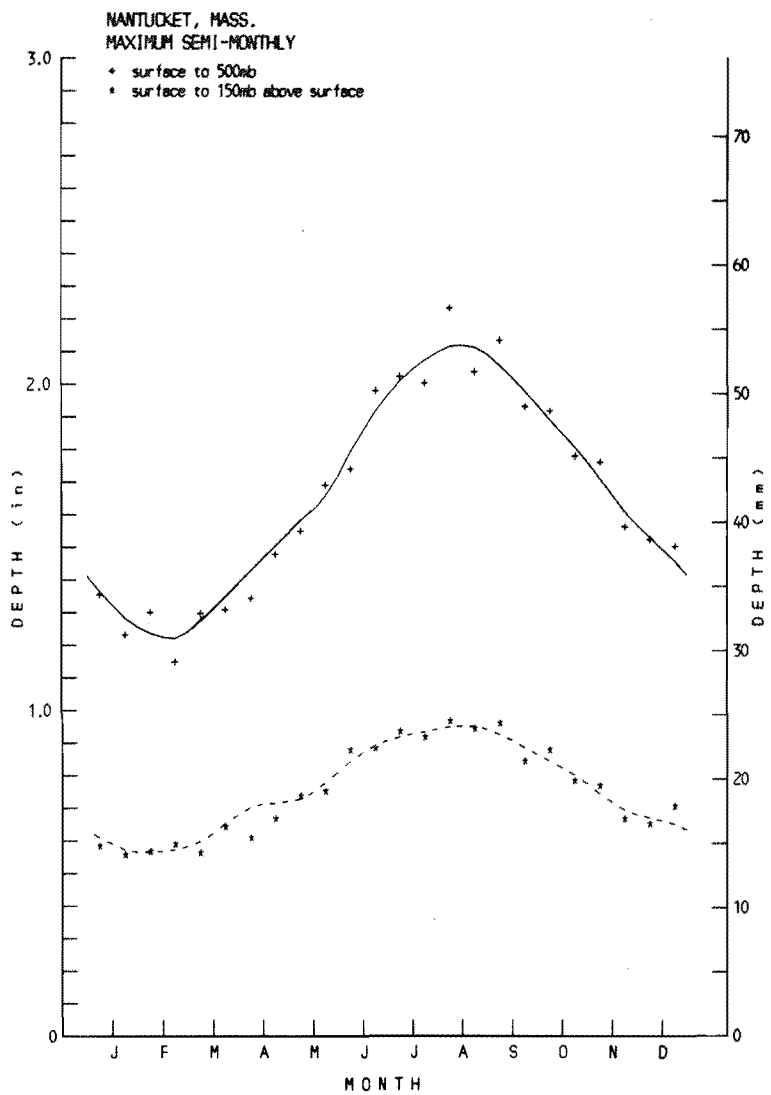
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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. 27 YEARS OF RECORD

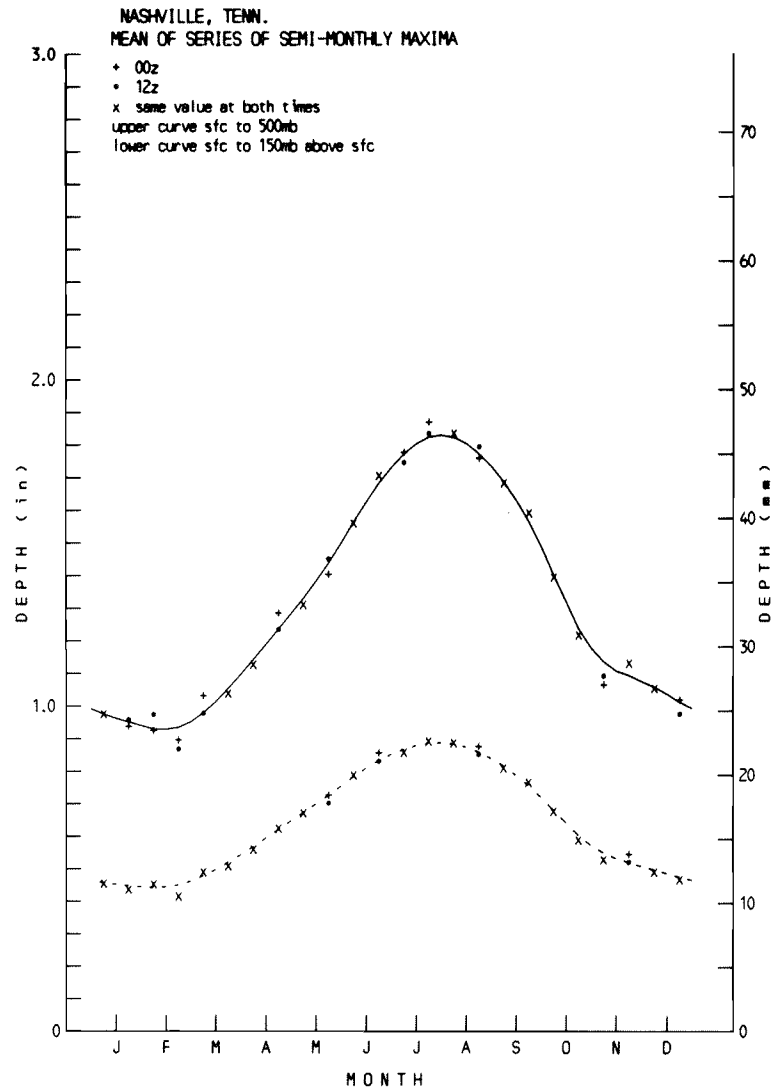
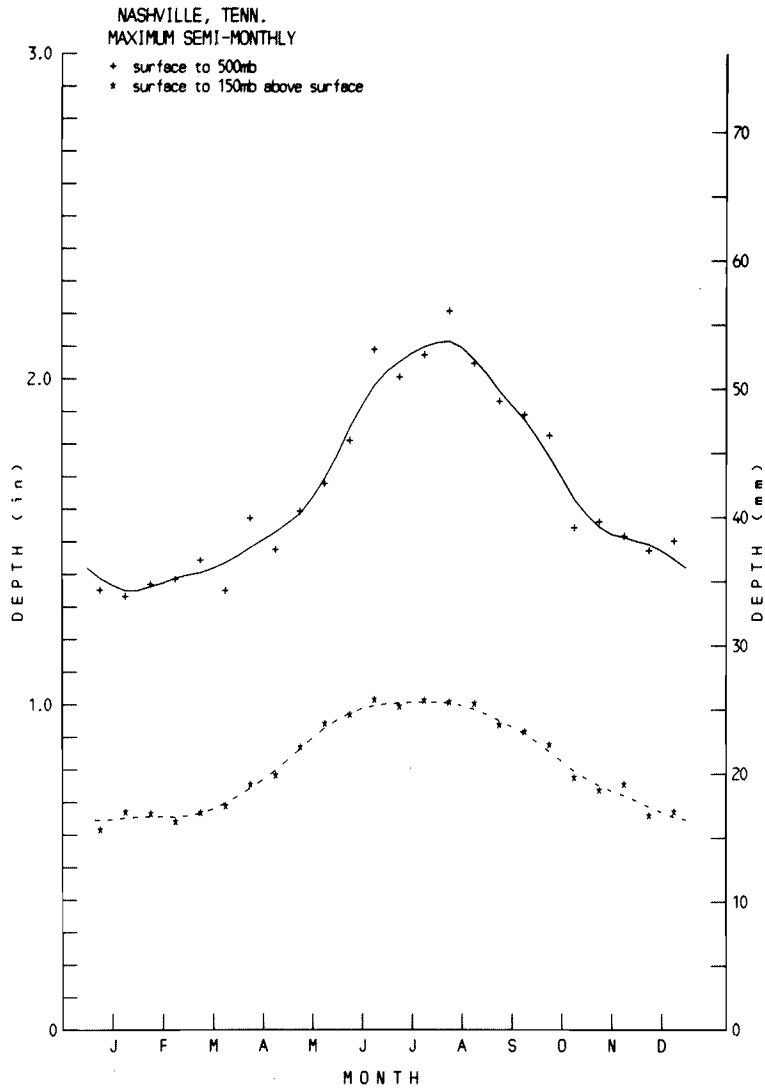
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

27 YEARS OF RECORD

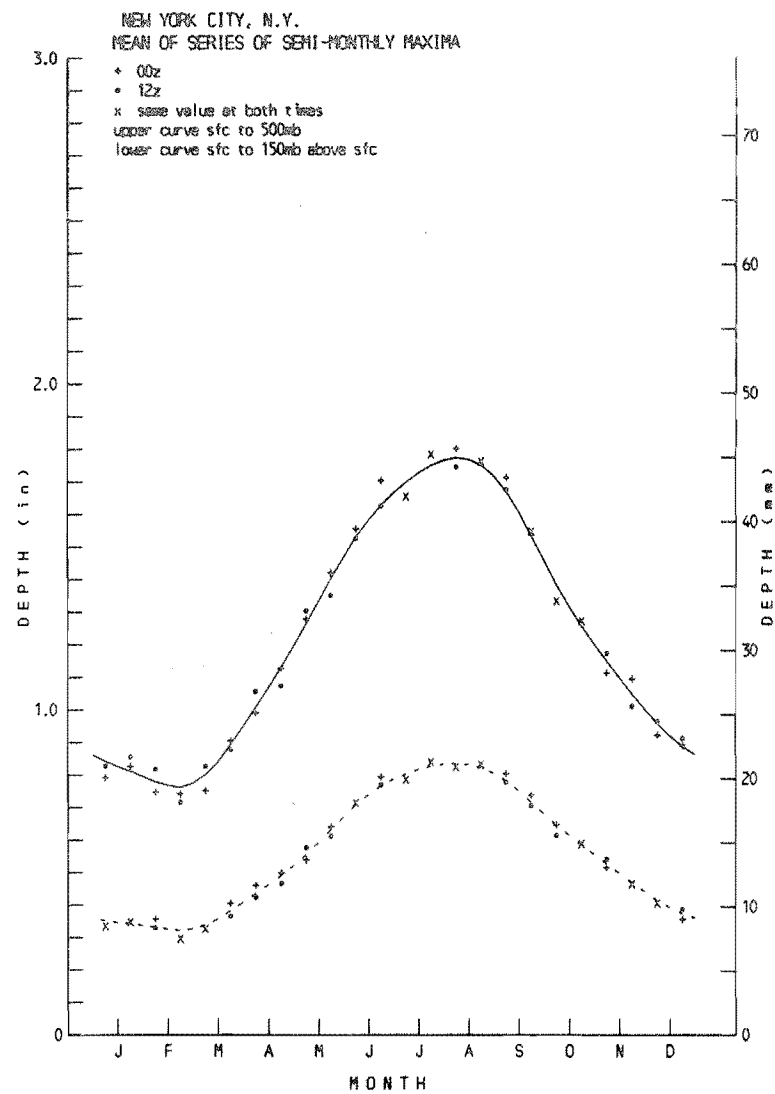
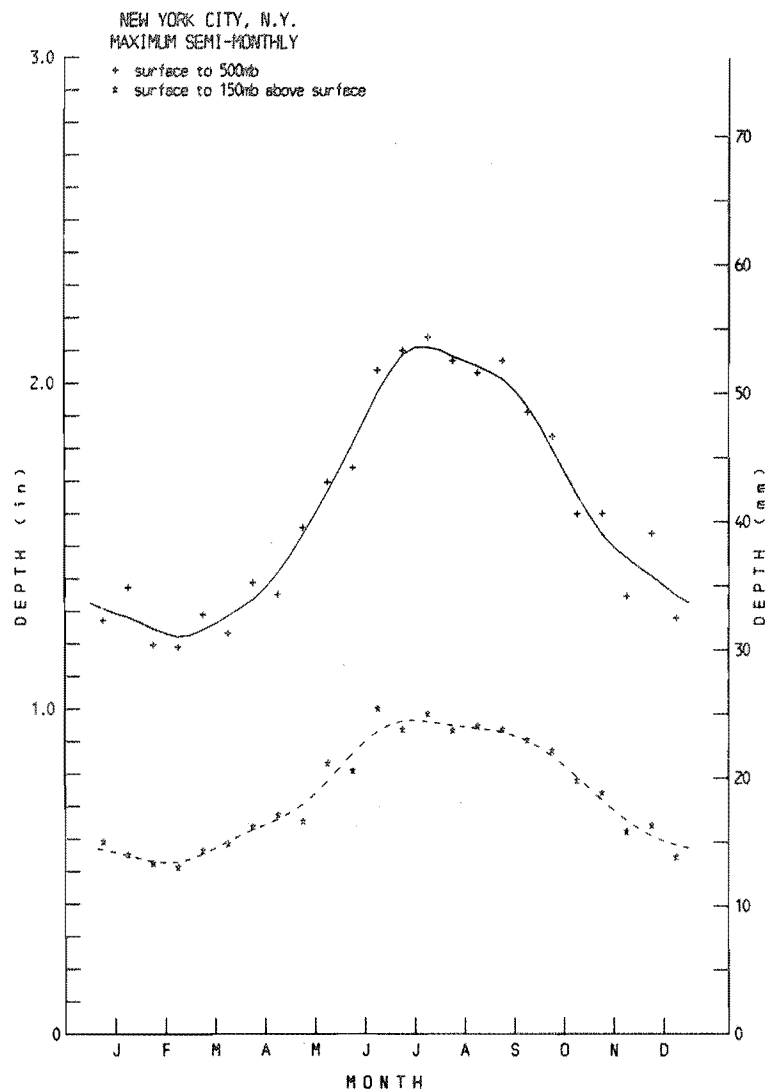
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(1.6884)	.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.

16 YEARS OF RECORD

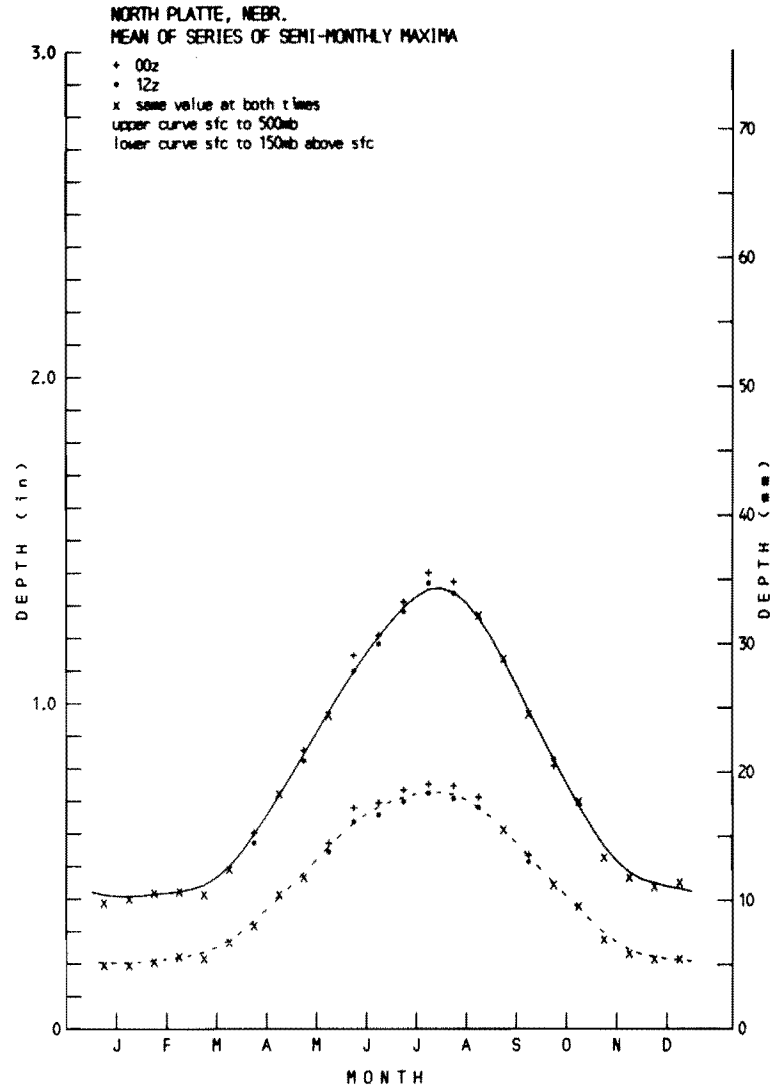
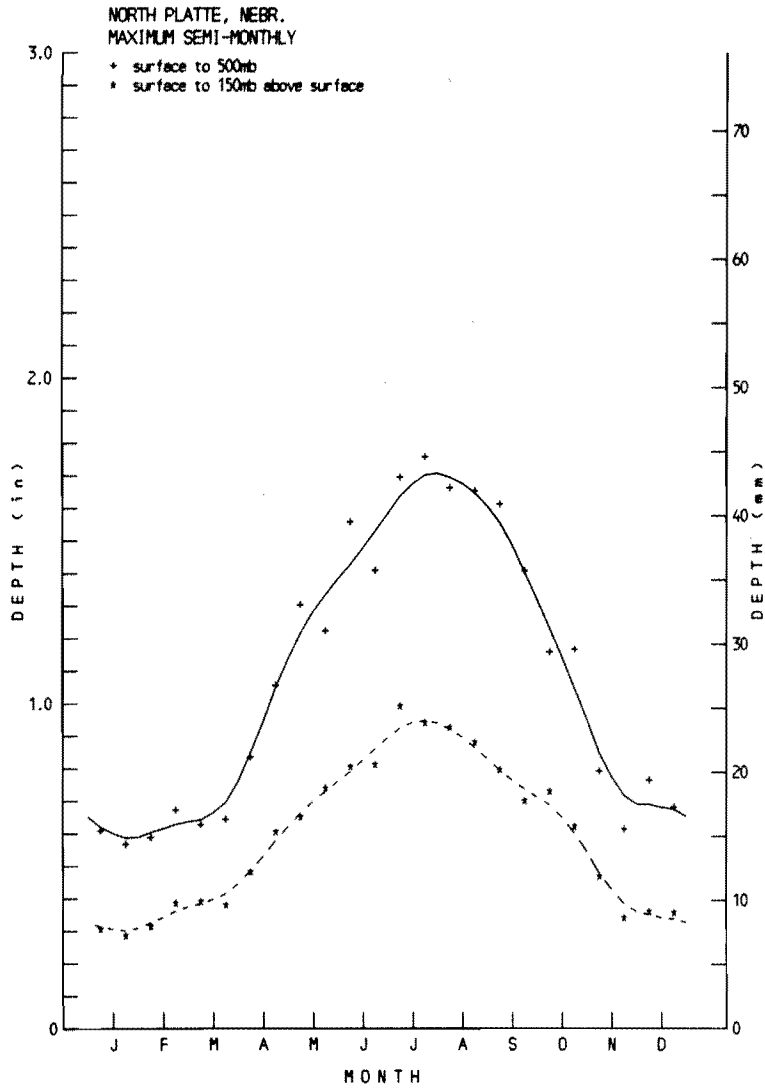
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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)	.2223	(.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. 27 YEARS OF RECORD

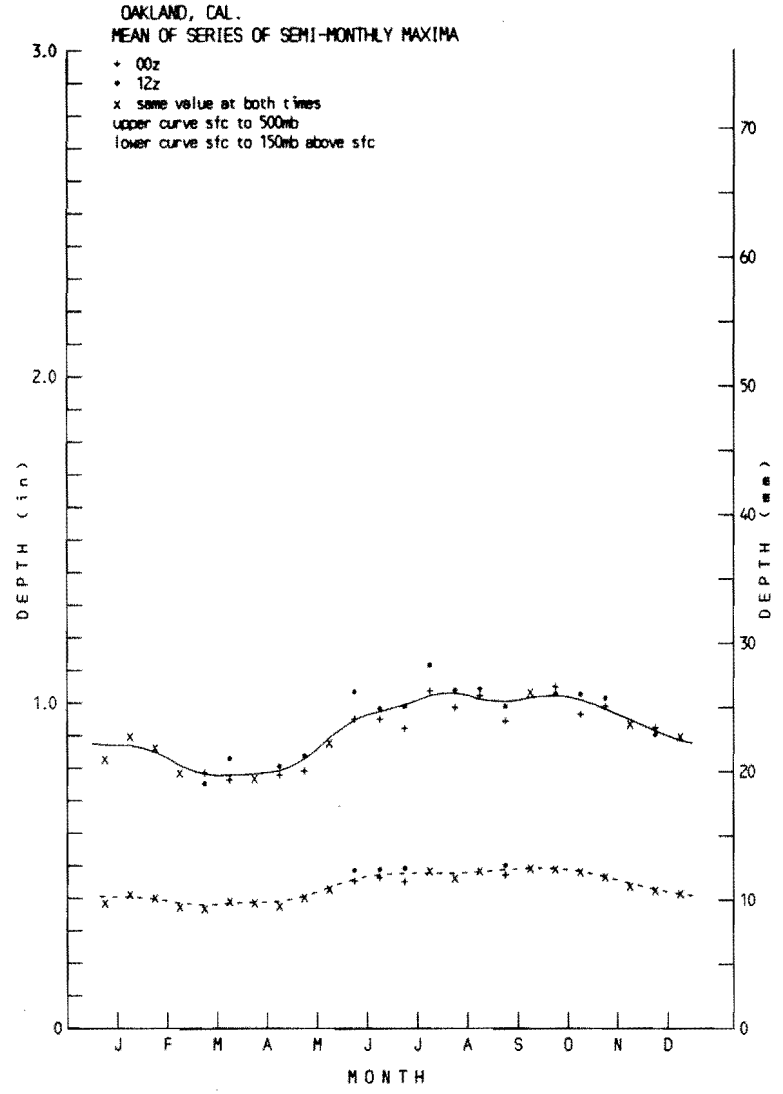
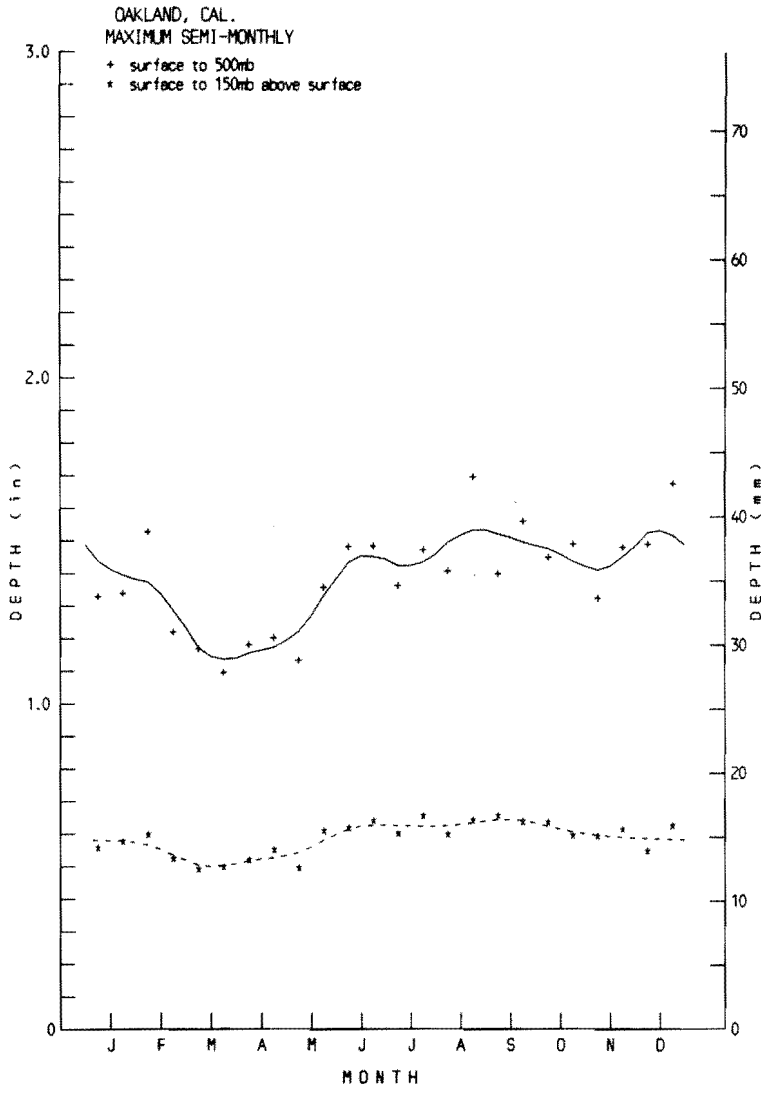
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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. 27 YEARS OF RECORD

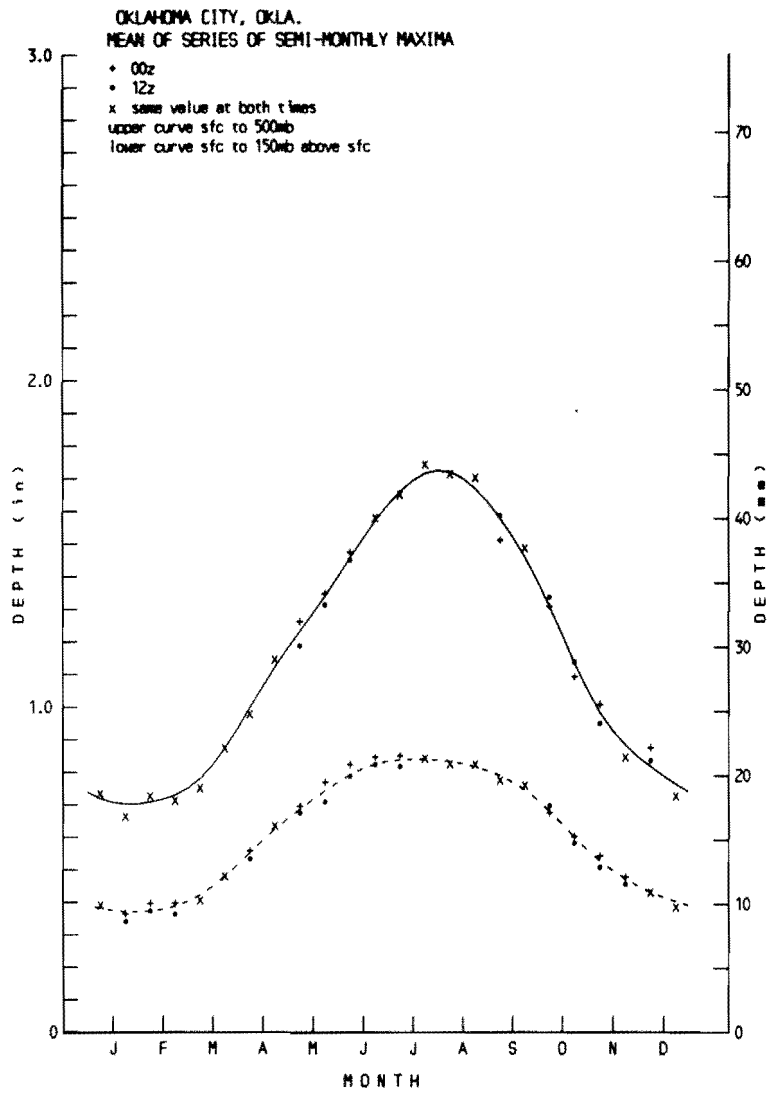
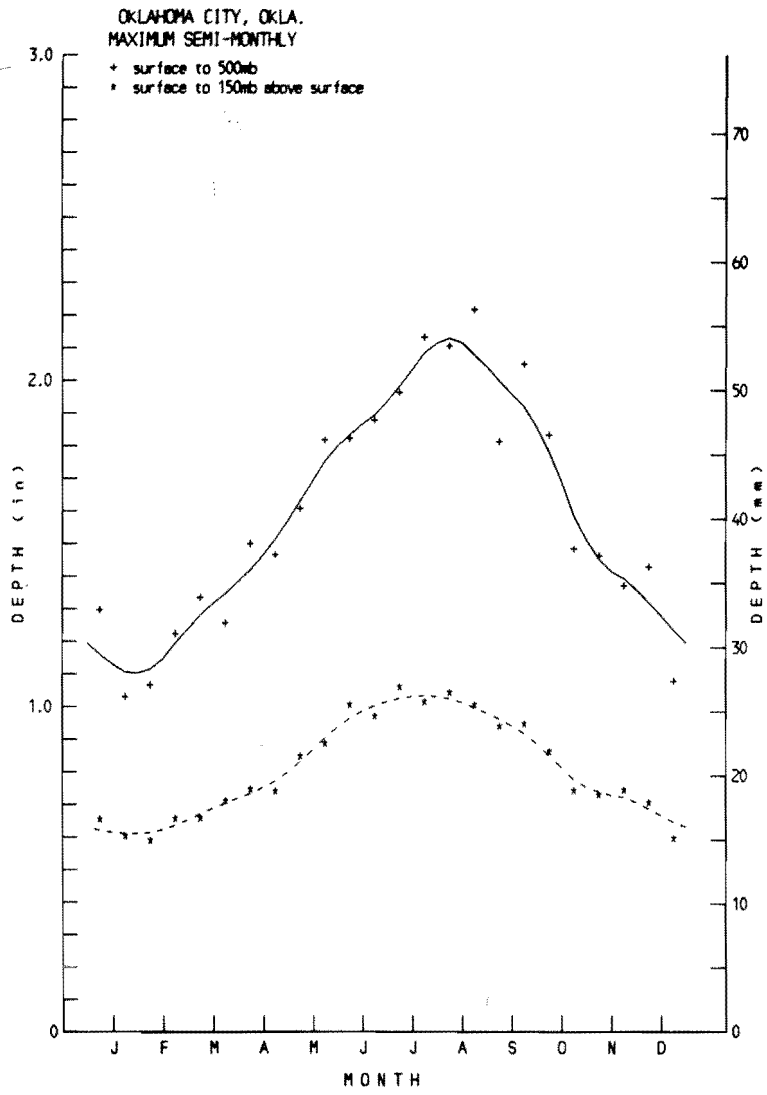
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

26 YEARS OF RECORD

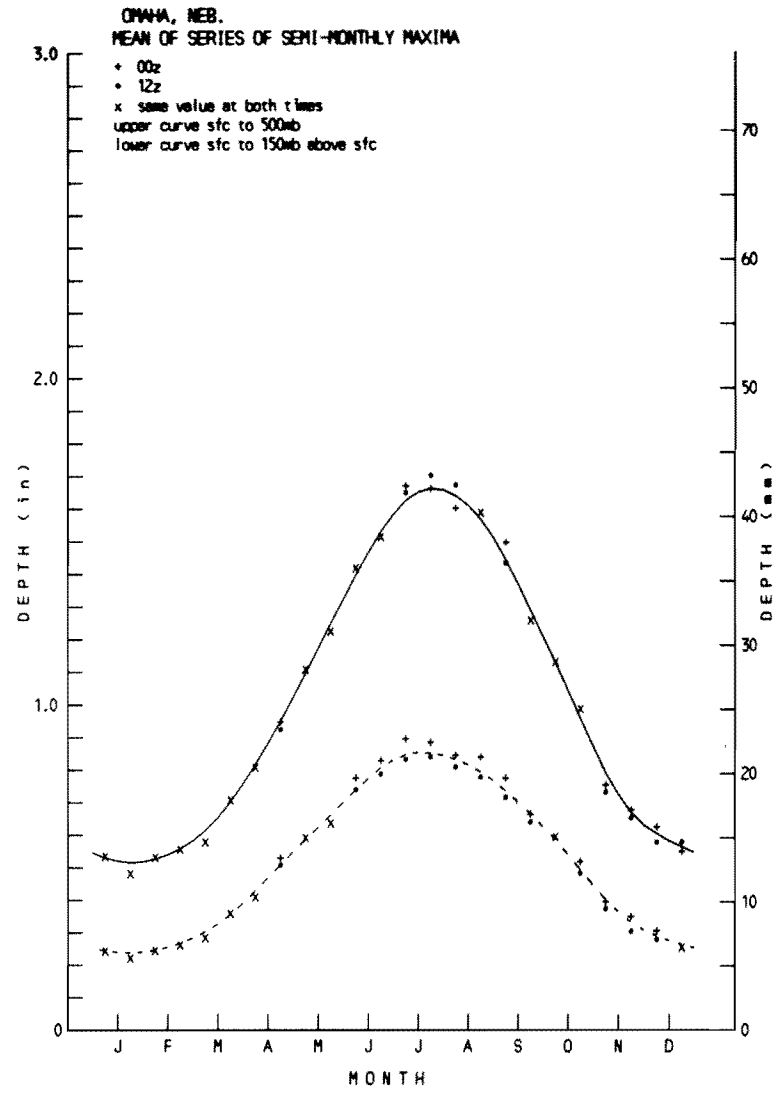
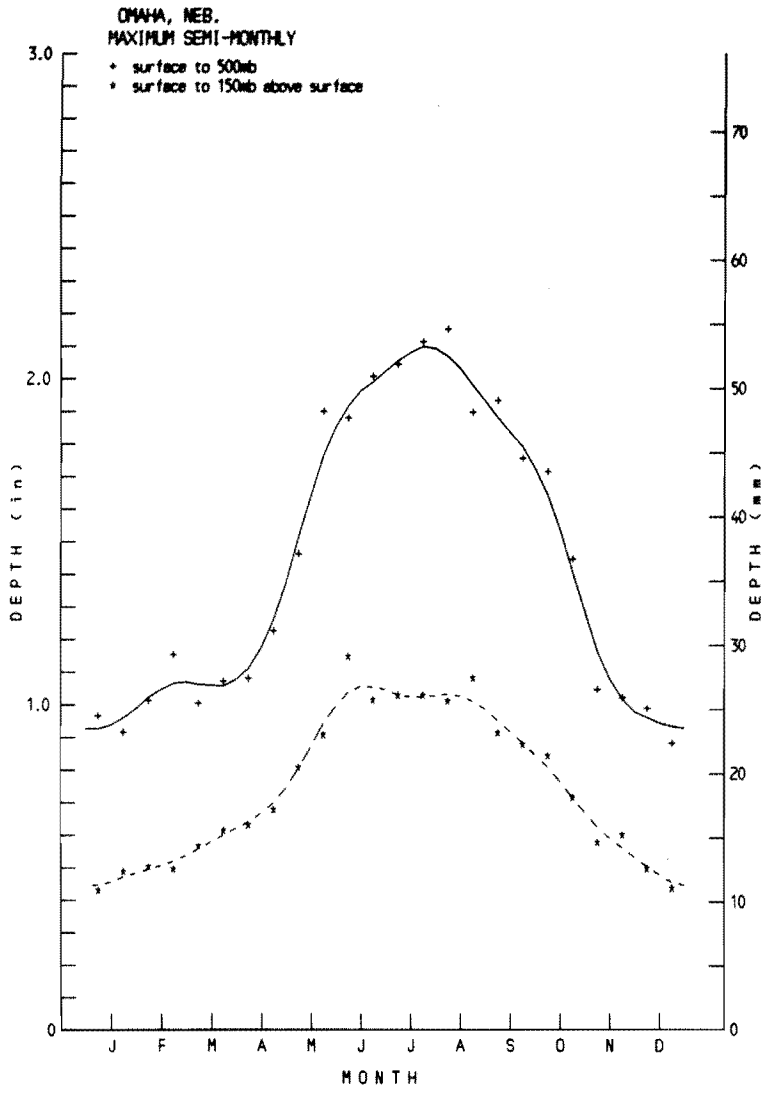
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

20 YEARS OF RECORD

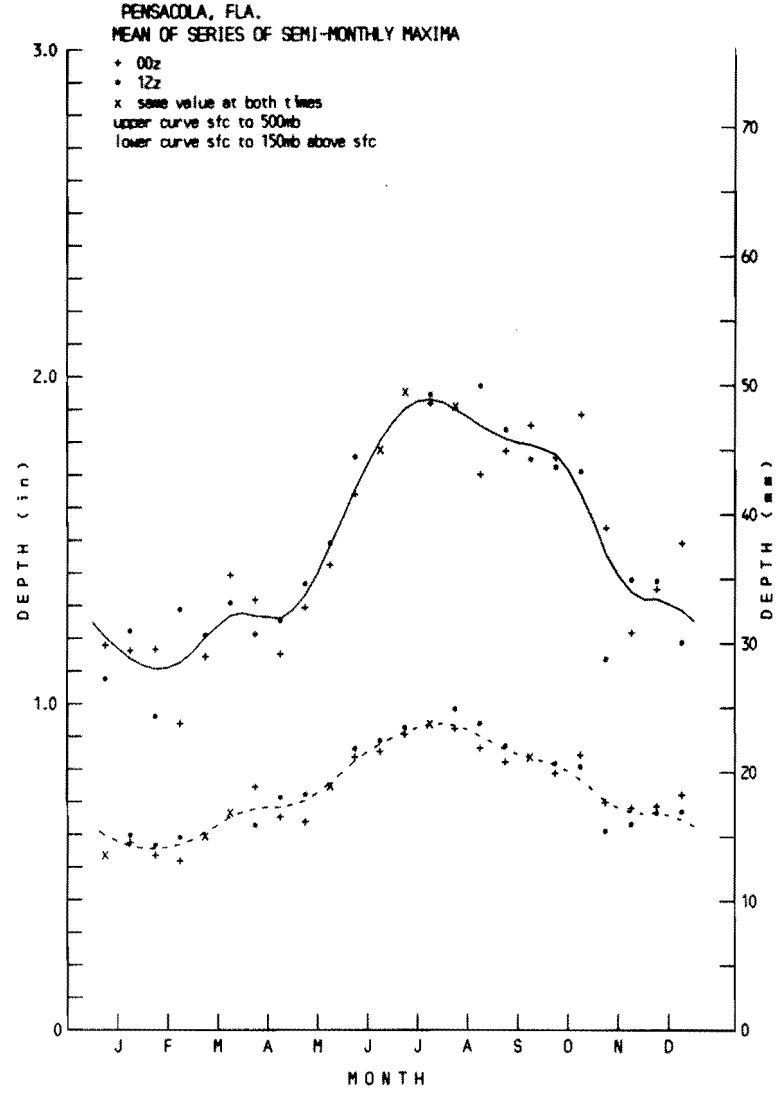
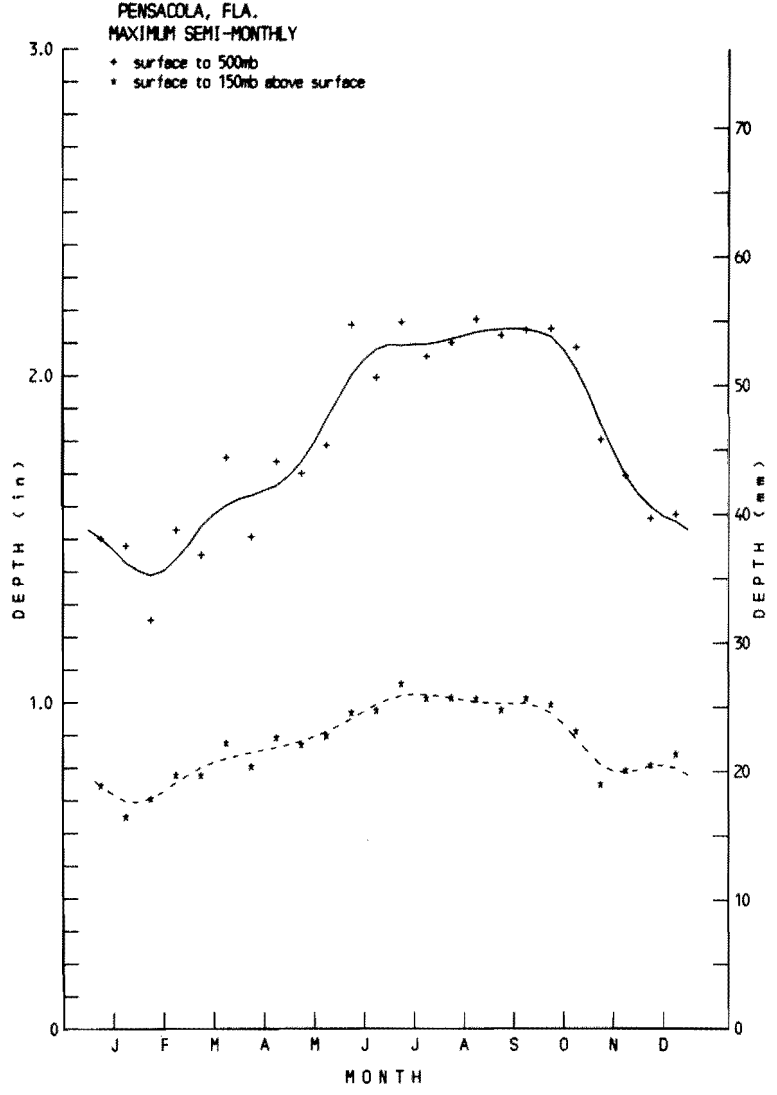
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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	(.5548)	.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.

16 YEARS OF RECORD

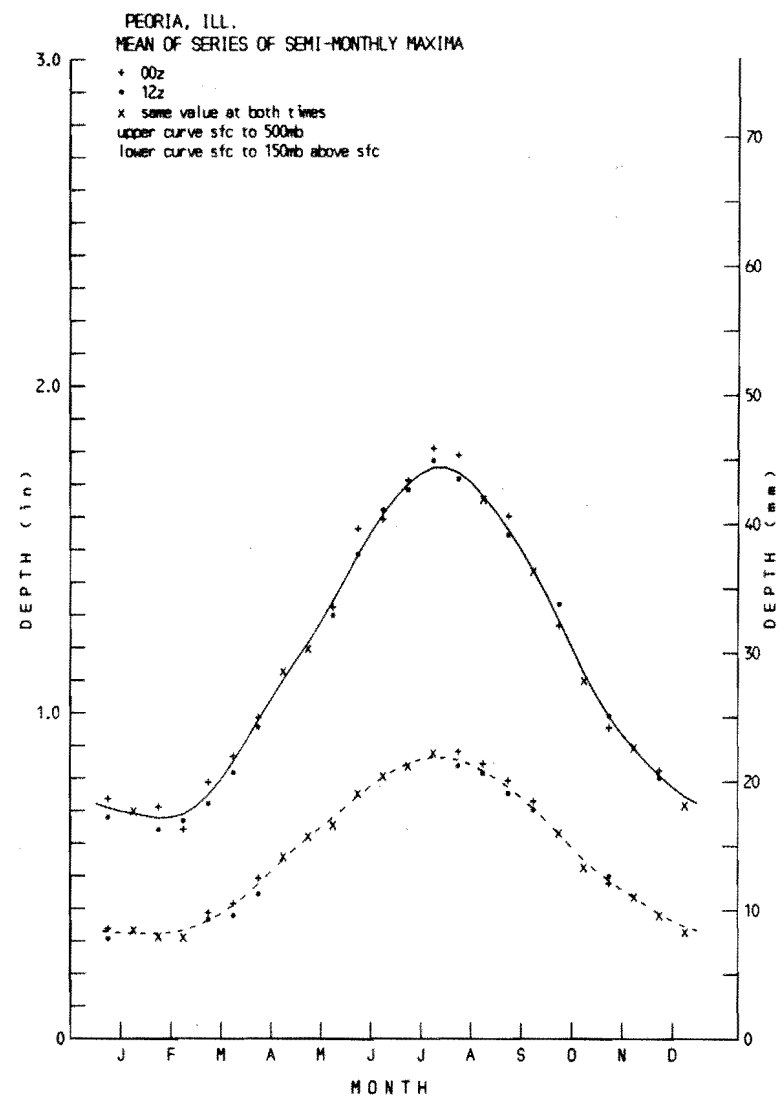
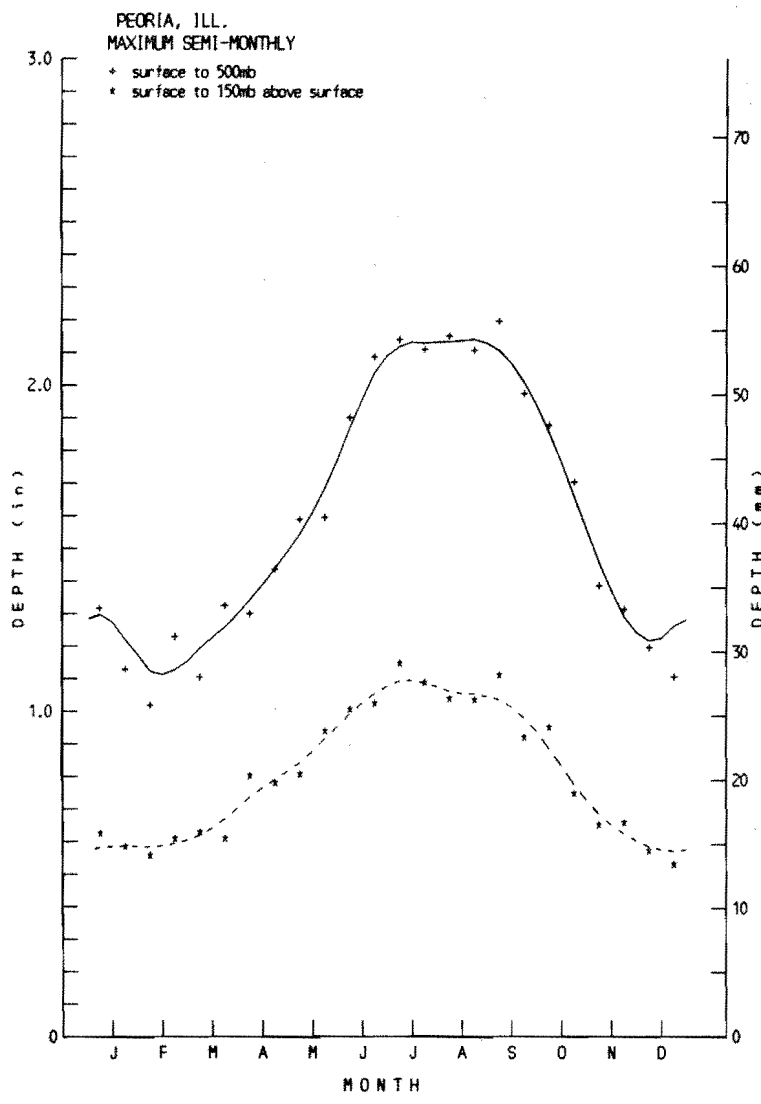
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.1063)	1.6924	(.6663)	.3082	(.1213)	2



PEORIA, ILL.

24 YEARS OF RECORD

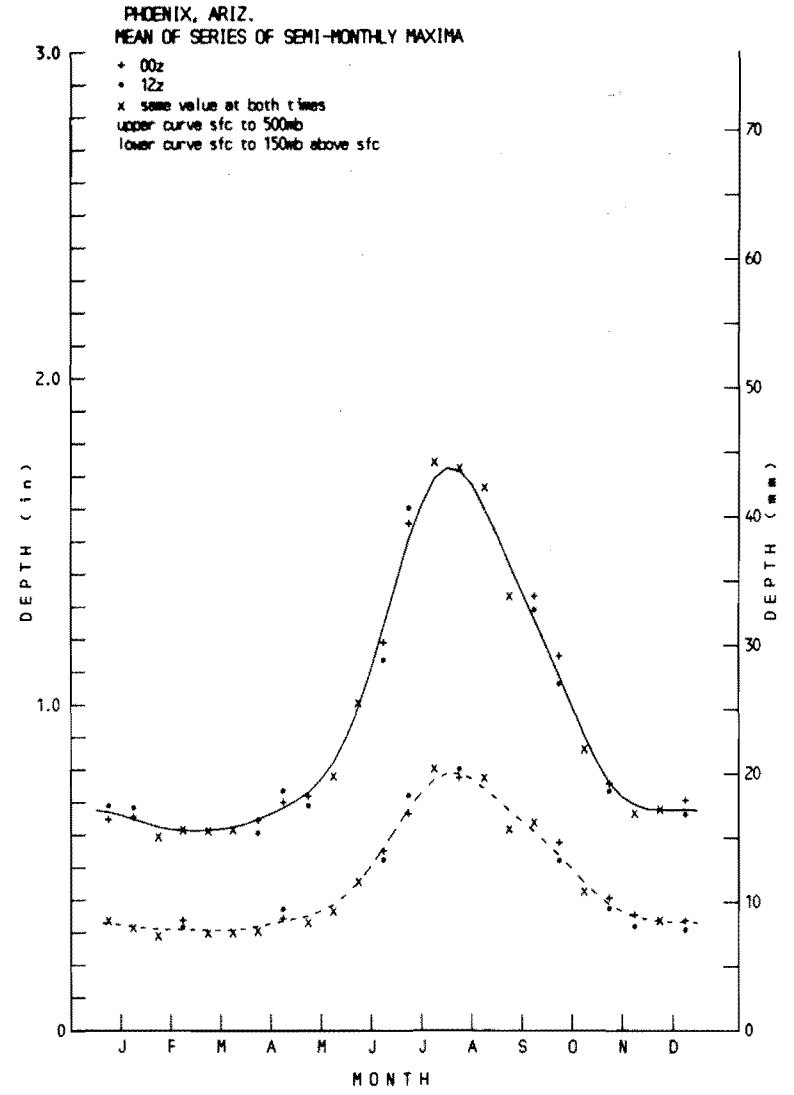
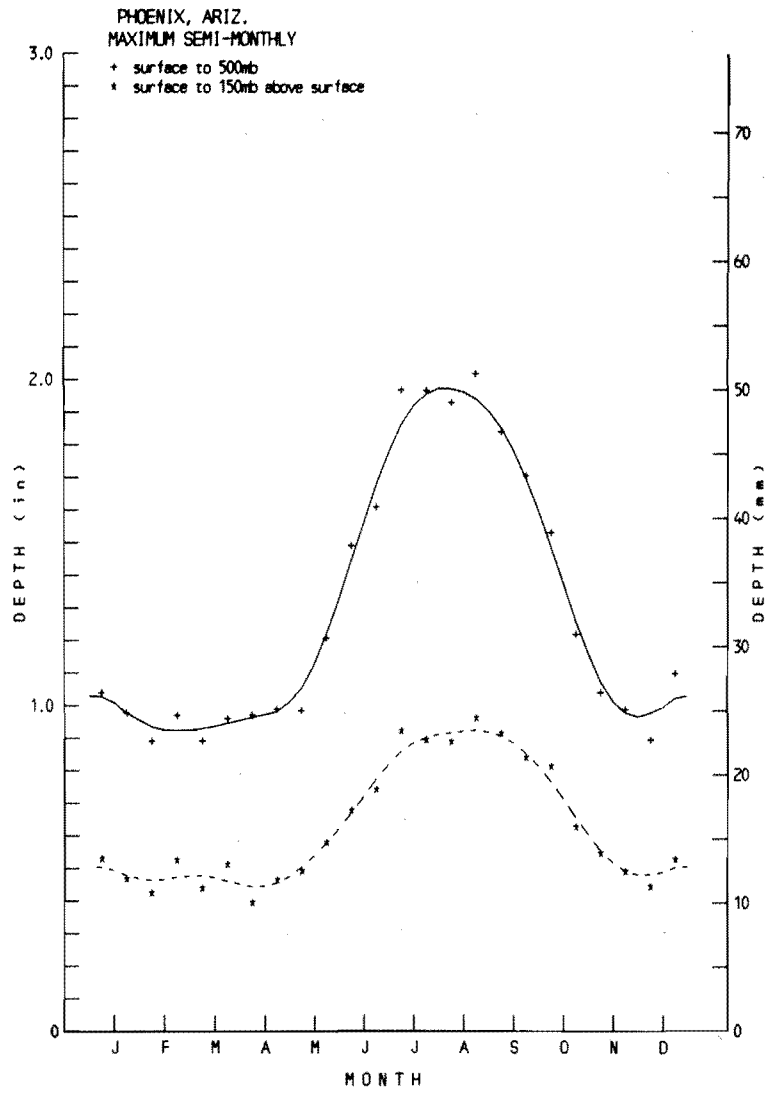
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.1366)	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.

12 YEARS OF RECORD

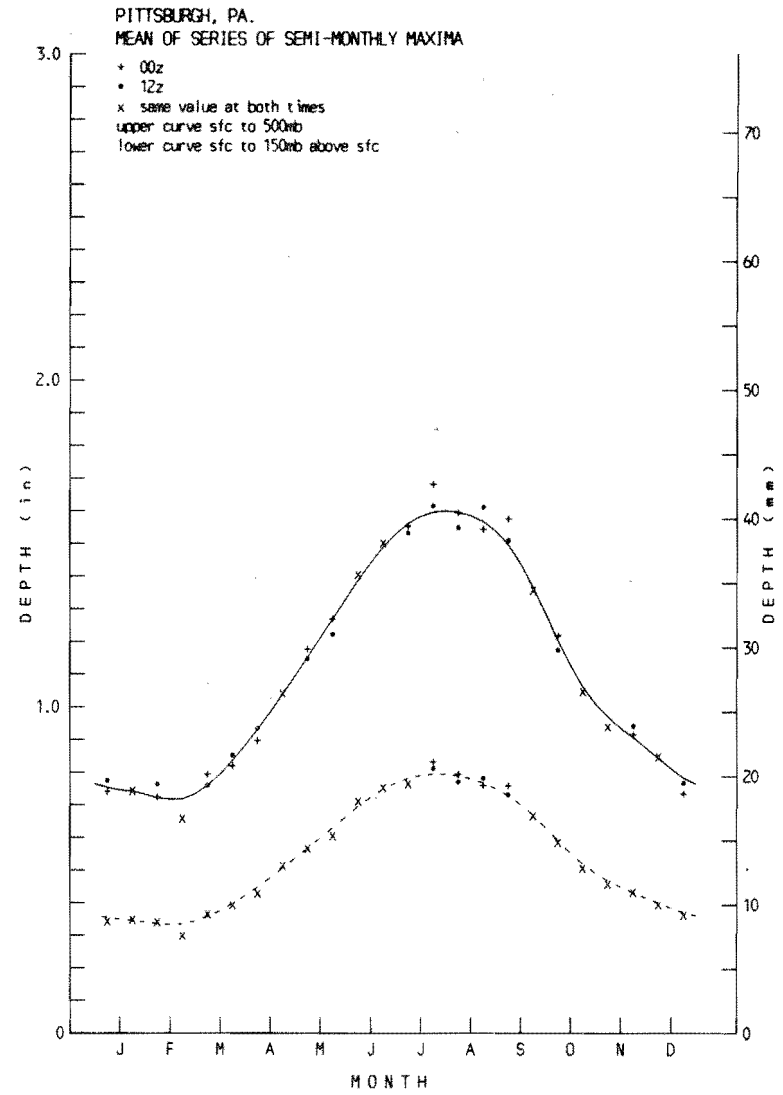
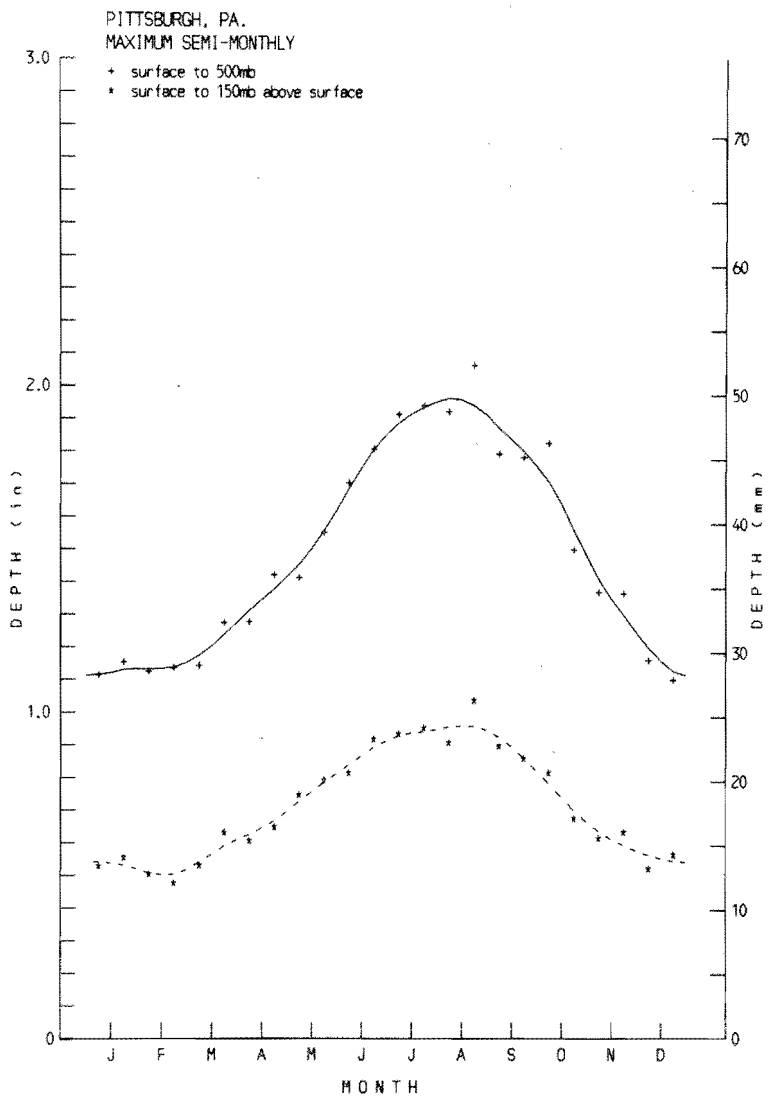
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
SURFACE TO 500MB												
JAN-1	2.6375	(.10384)	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.

27 YEARS OF RECORD

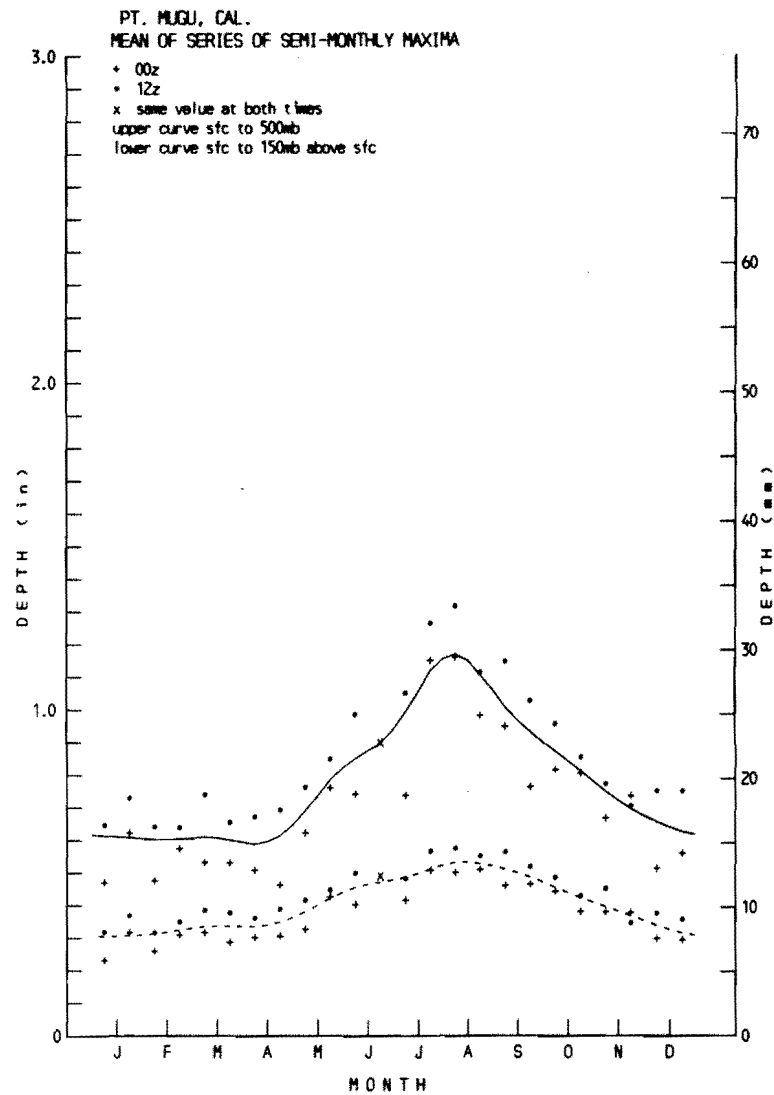
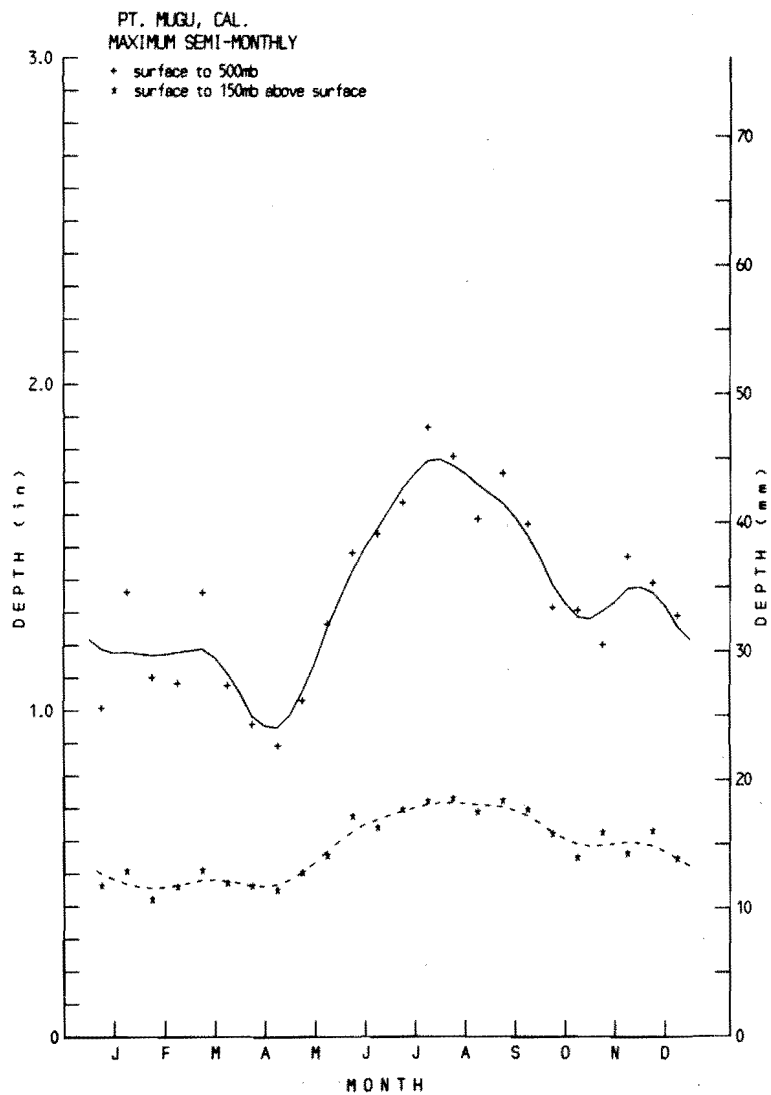
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CR.	(IN.)		CR.	(IN.)		CR.	(IN.)			CR.	(IN.)
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	(.1626)	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)	68121615	.9156	(.3605)	.2220	(.0874)	.9452	(.3721)	.2434	(.0958)	2



PT. MUGU, CAL. 21 YEARS OF RECORD

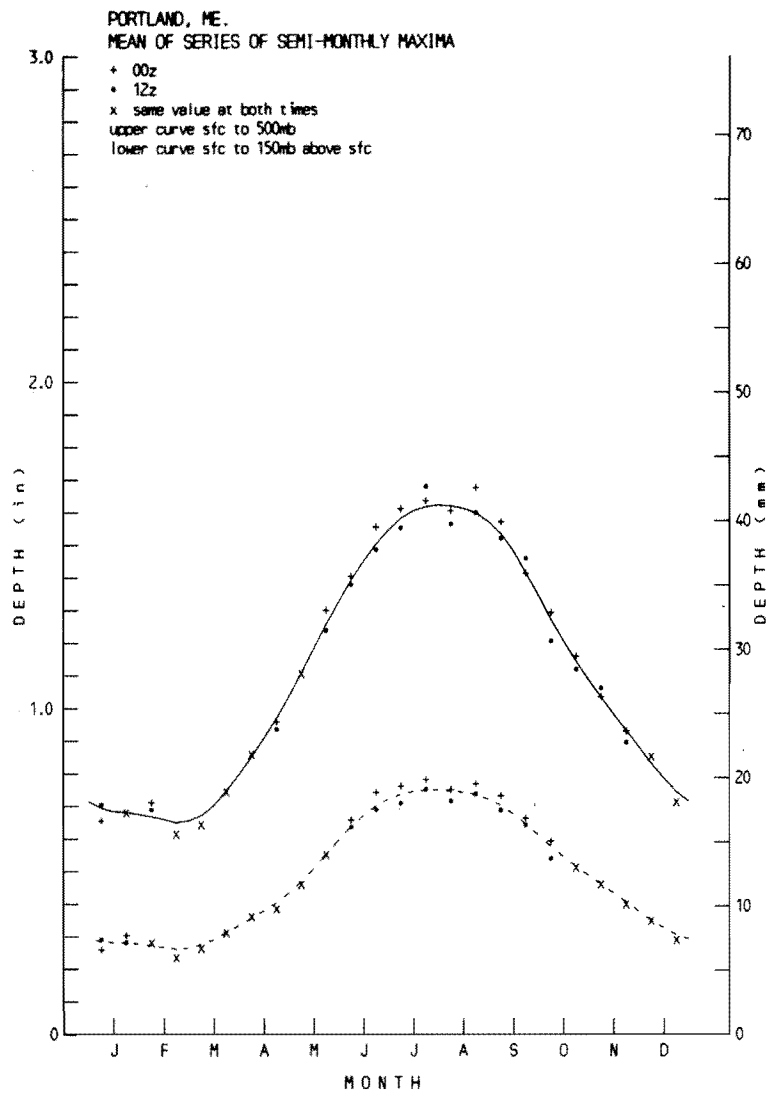
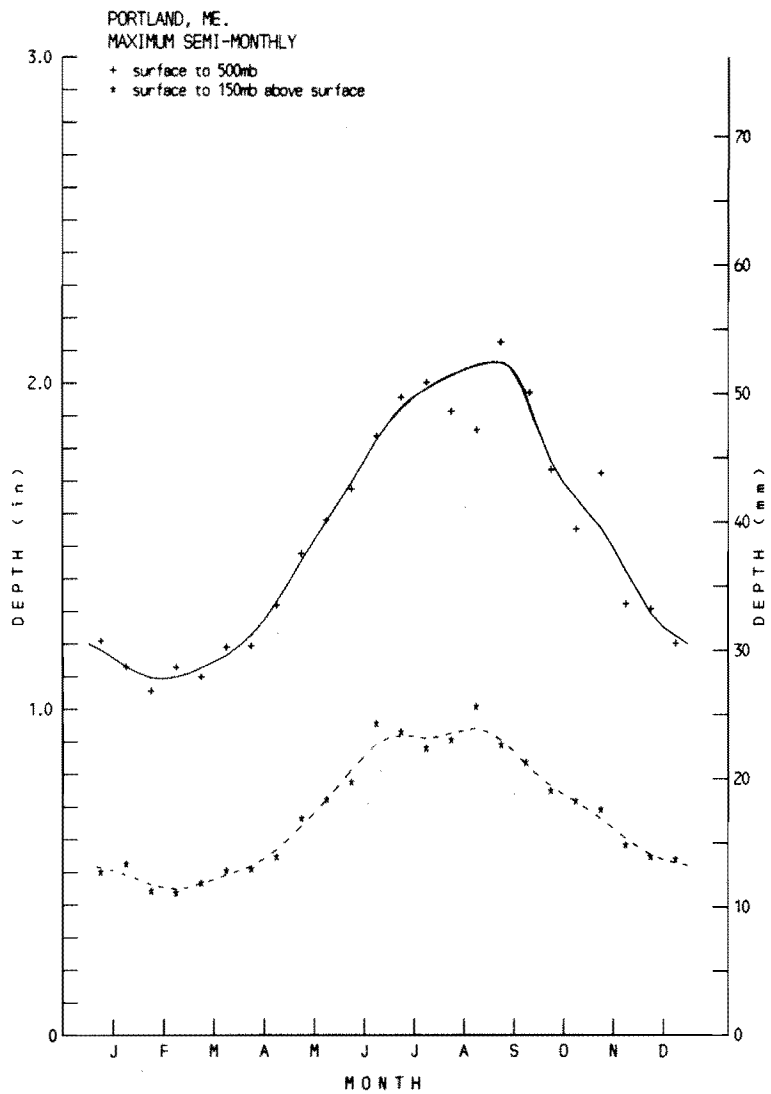
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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	2.9455	(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.

27 YEARS OF RECORD

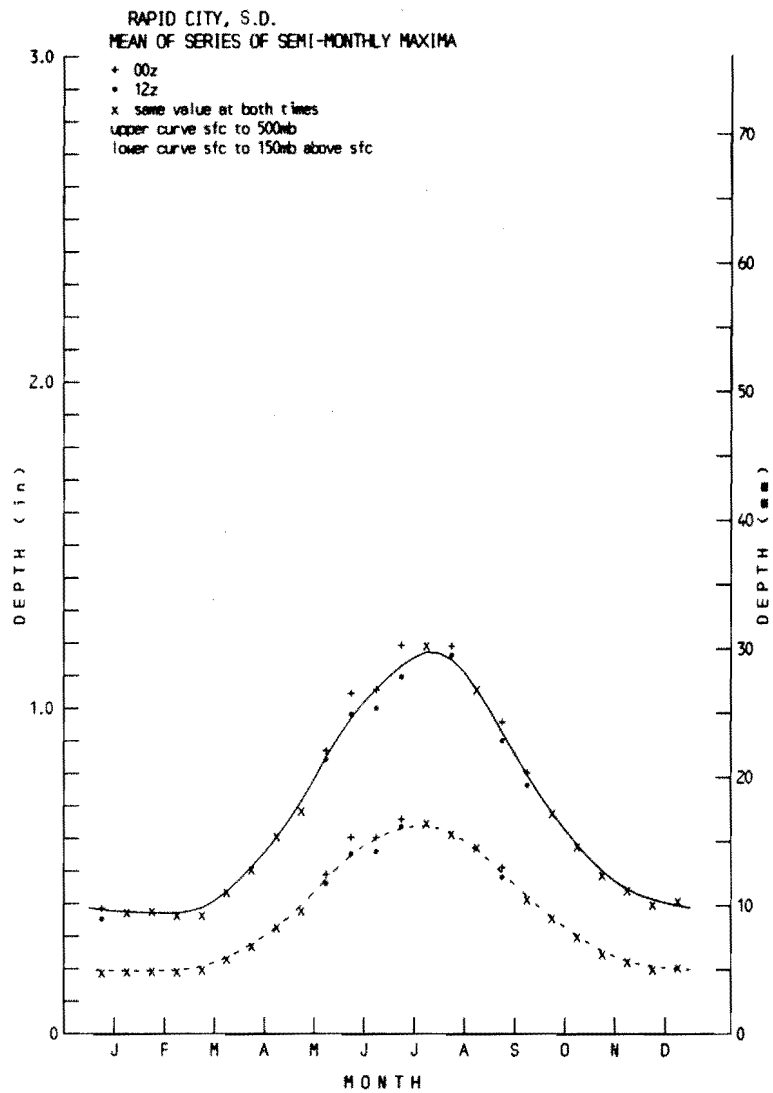
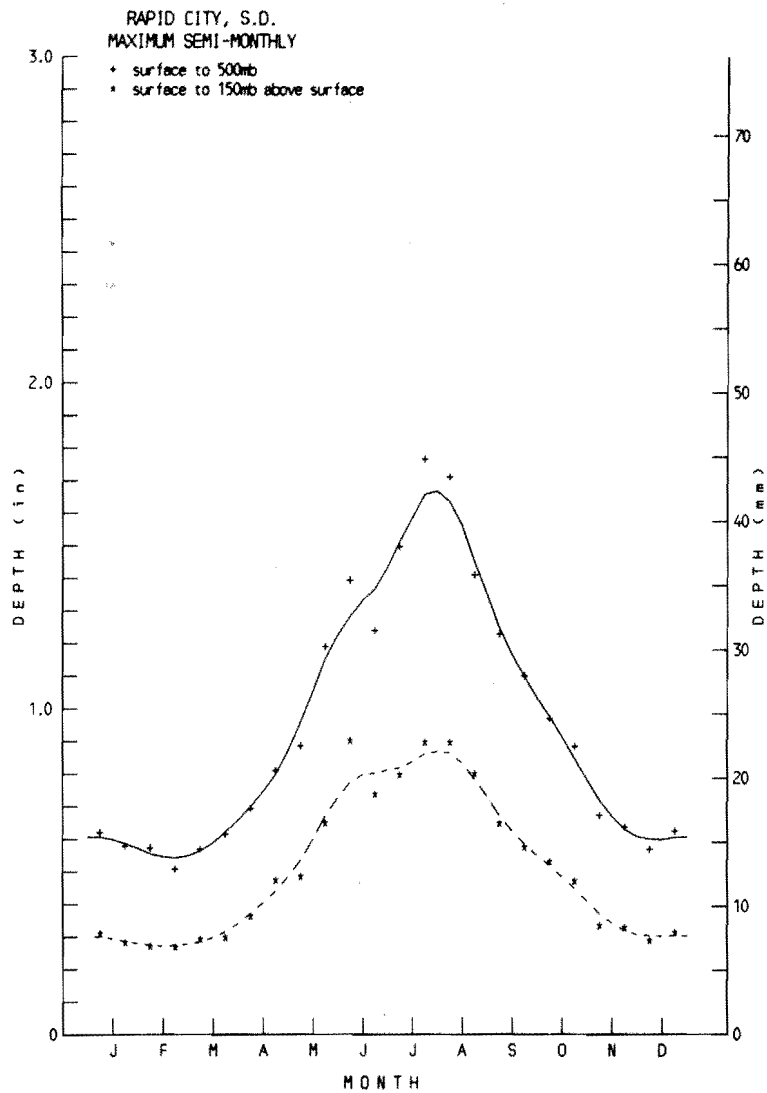
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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.

27 YEARS OF RECORD

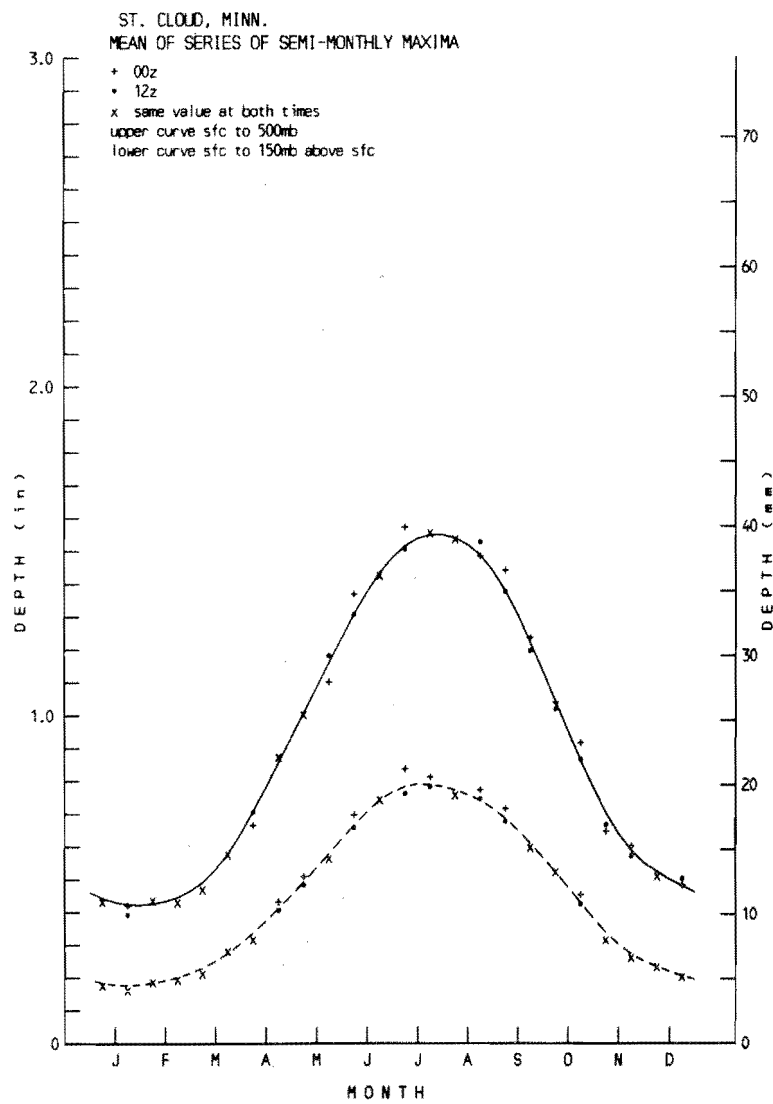
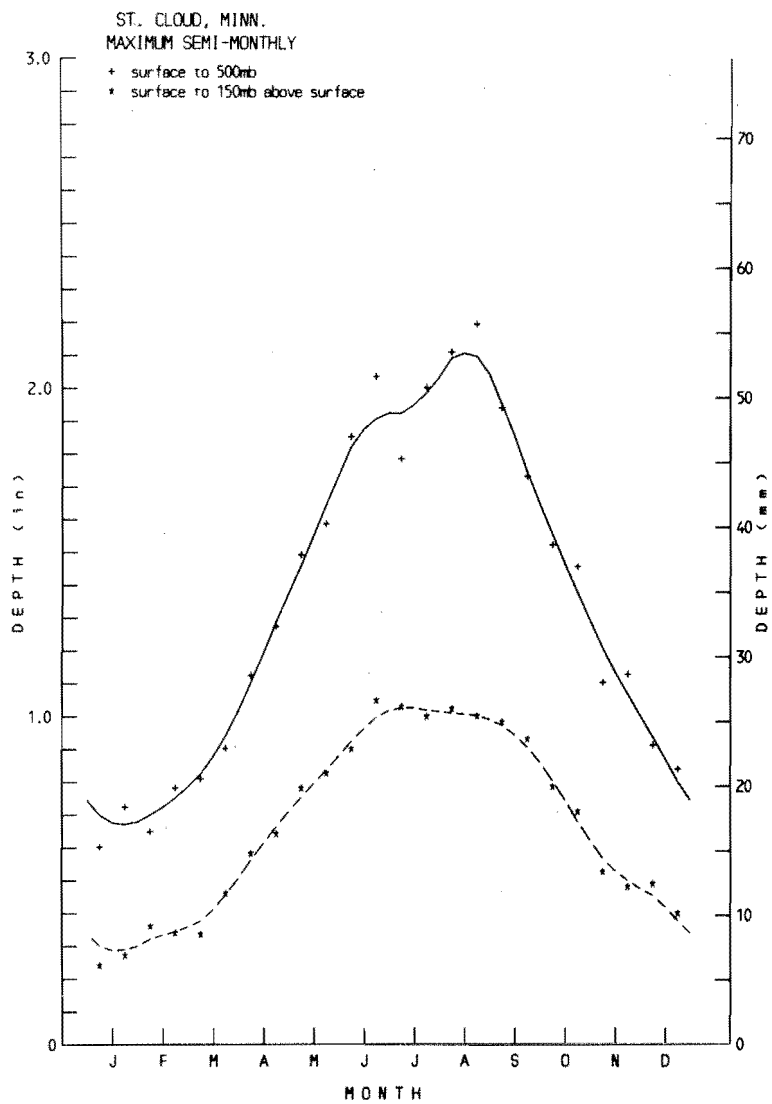
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.3553)	.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.

26 YEARS OF RECORD

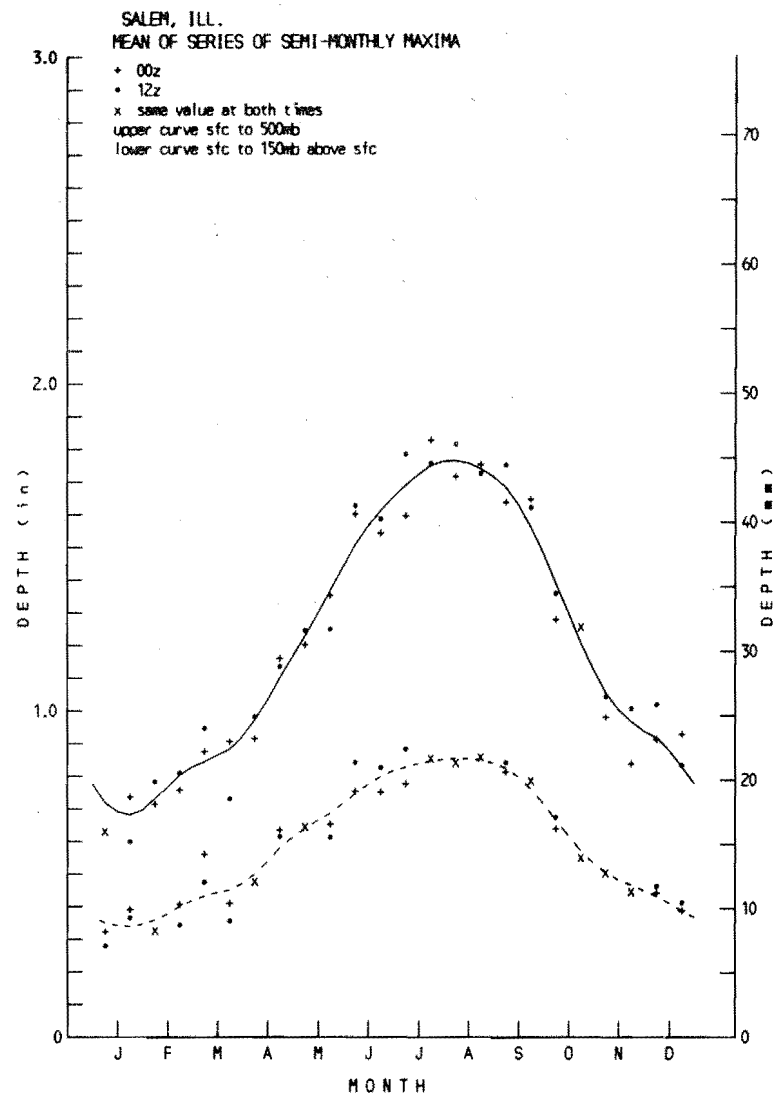
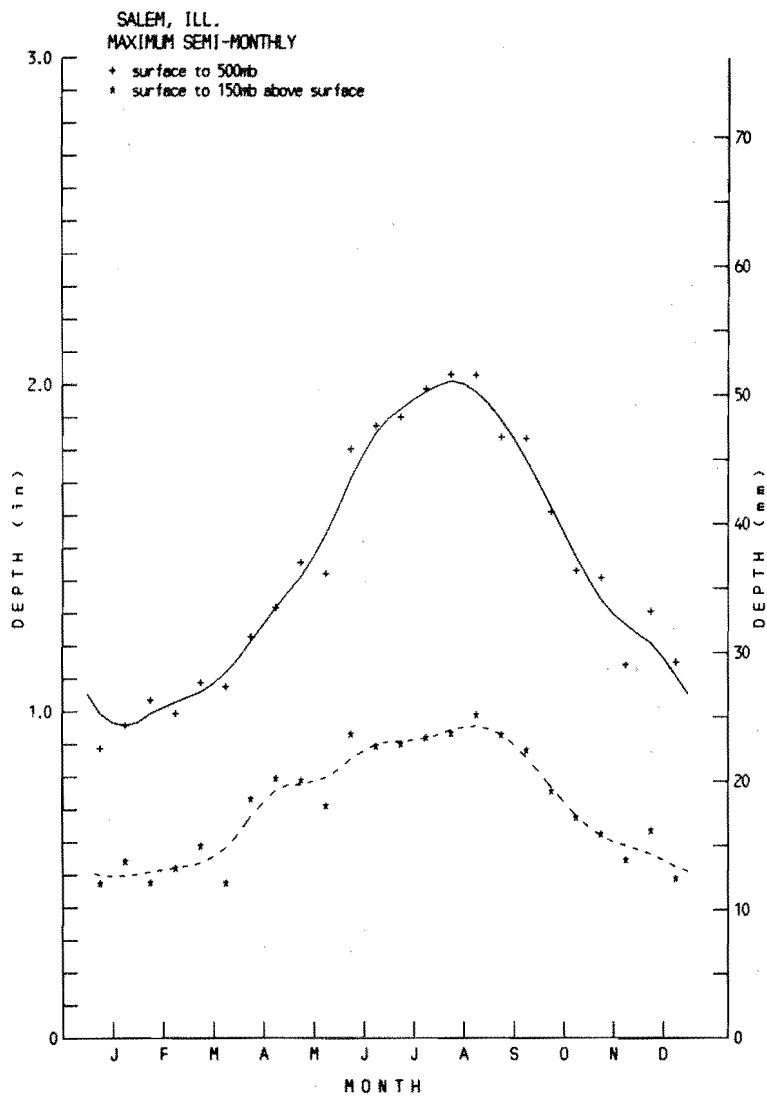
MAXIMUM SEMI-MONTHLY
002(032) AND 122(152) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(032) 122(152)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

4 YEARS OF RECORD

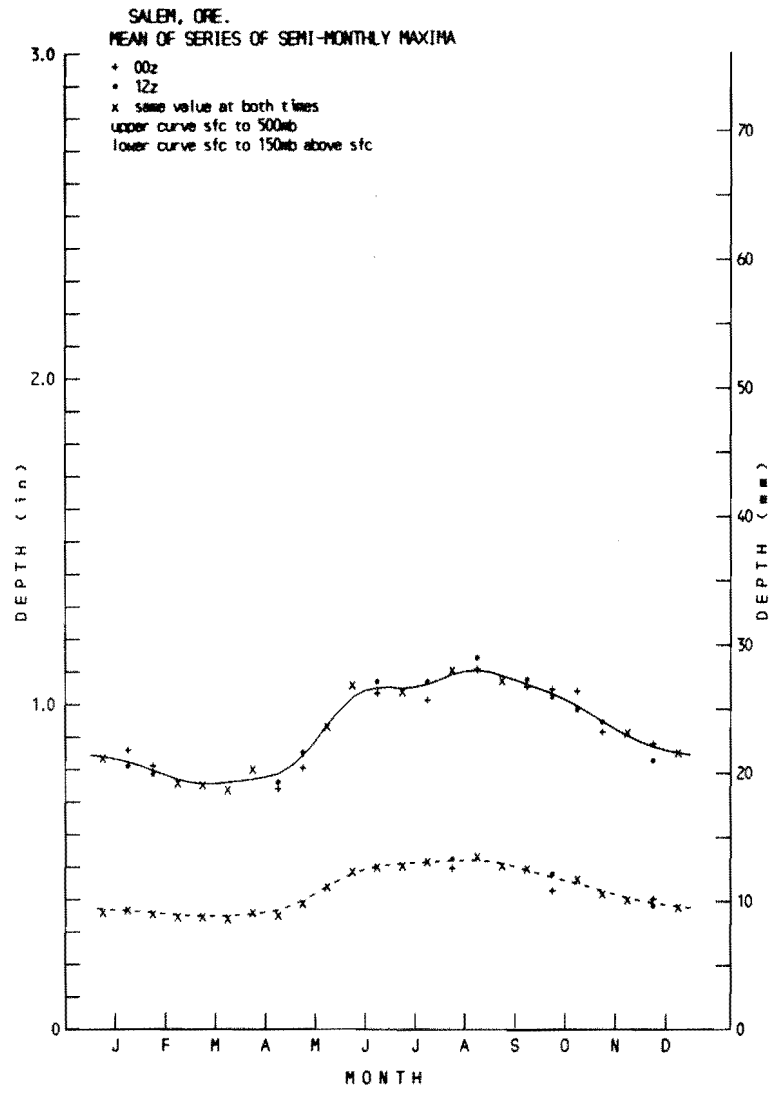
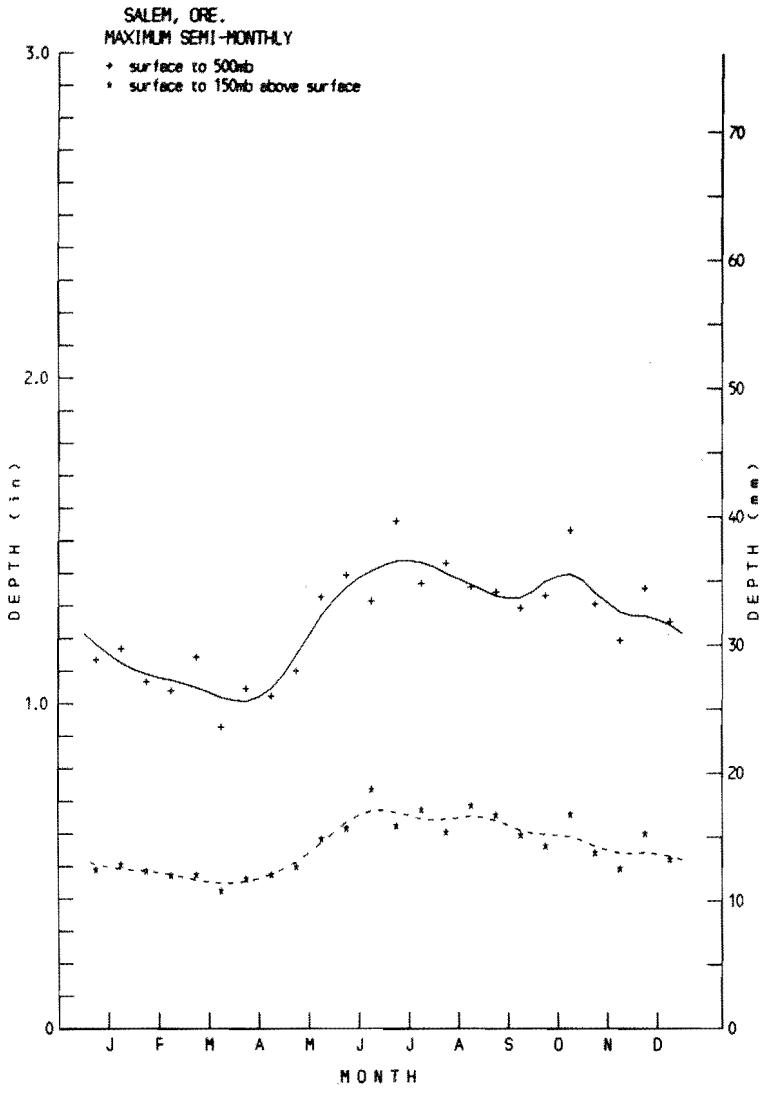
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

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 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	(.6596)	.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.

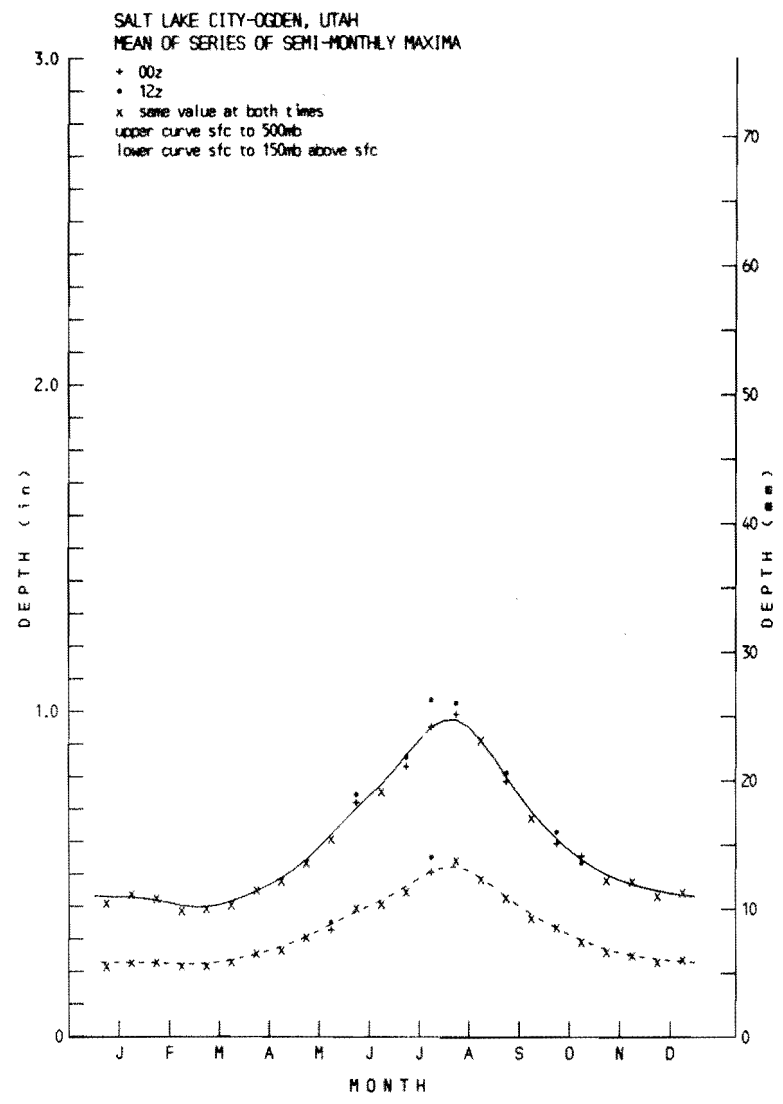
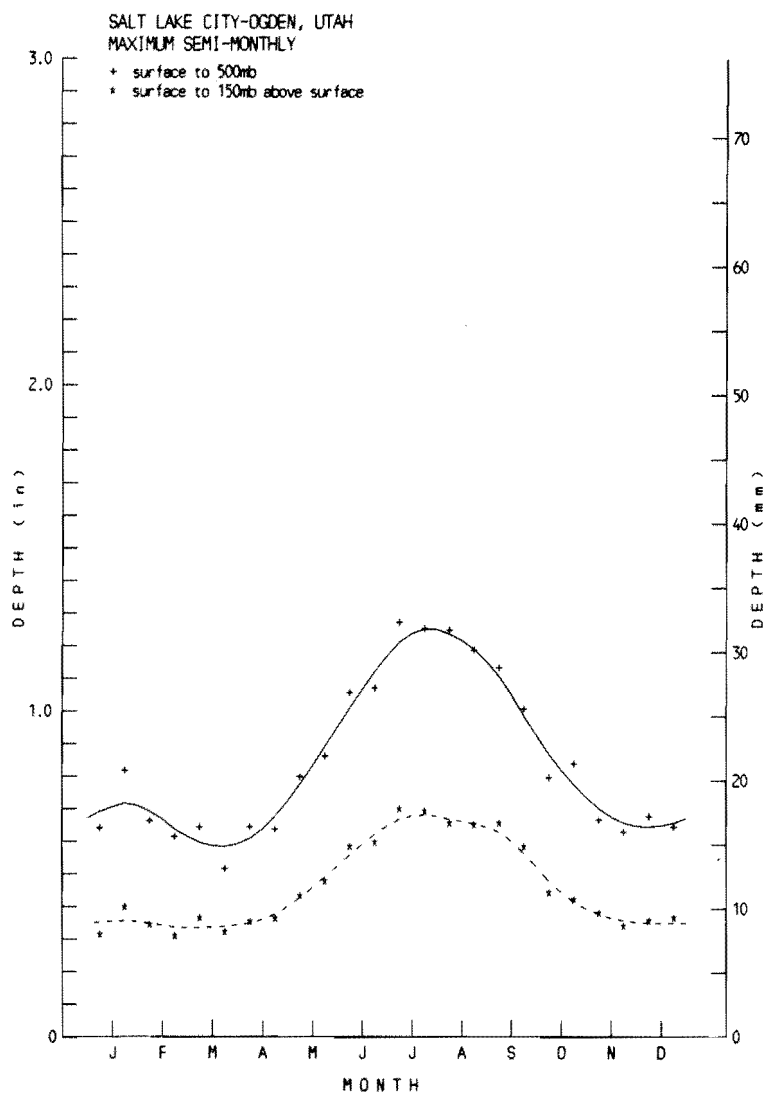
17 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINEDMEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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 27 YEARS OF RECORD

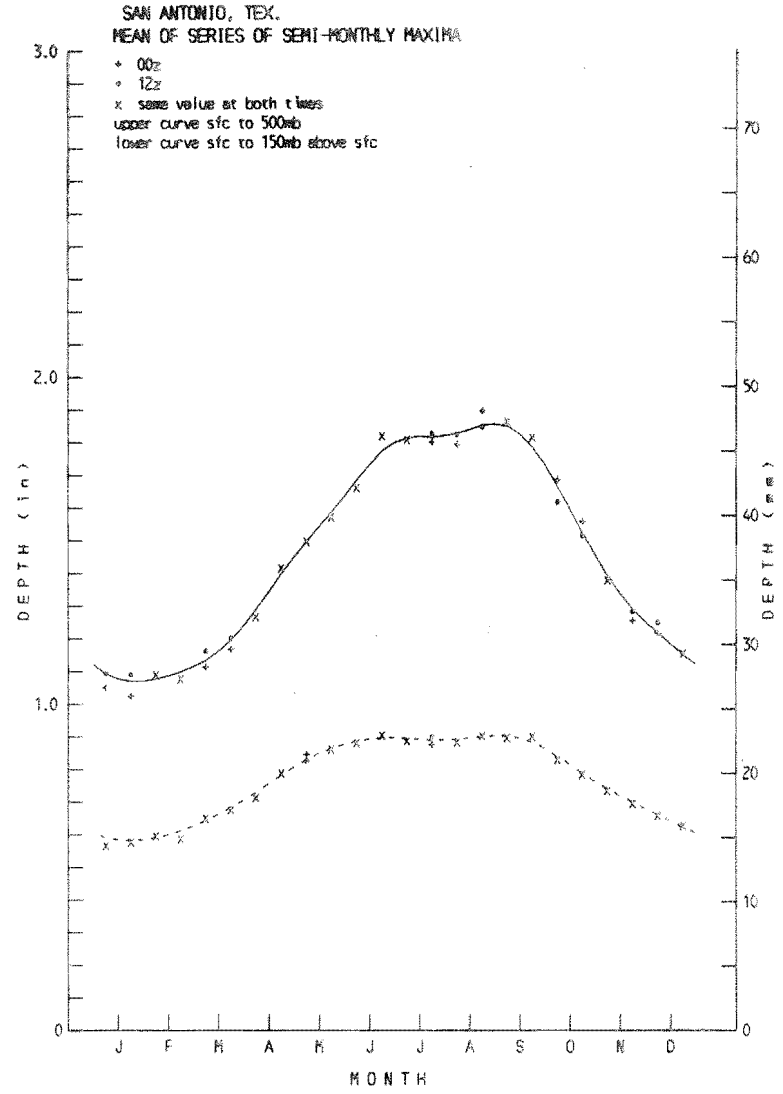
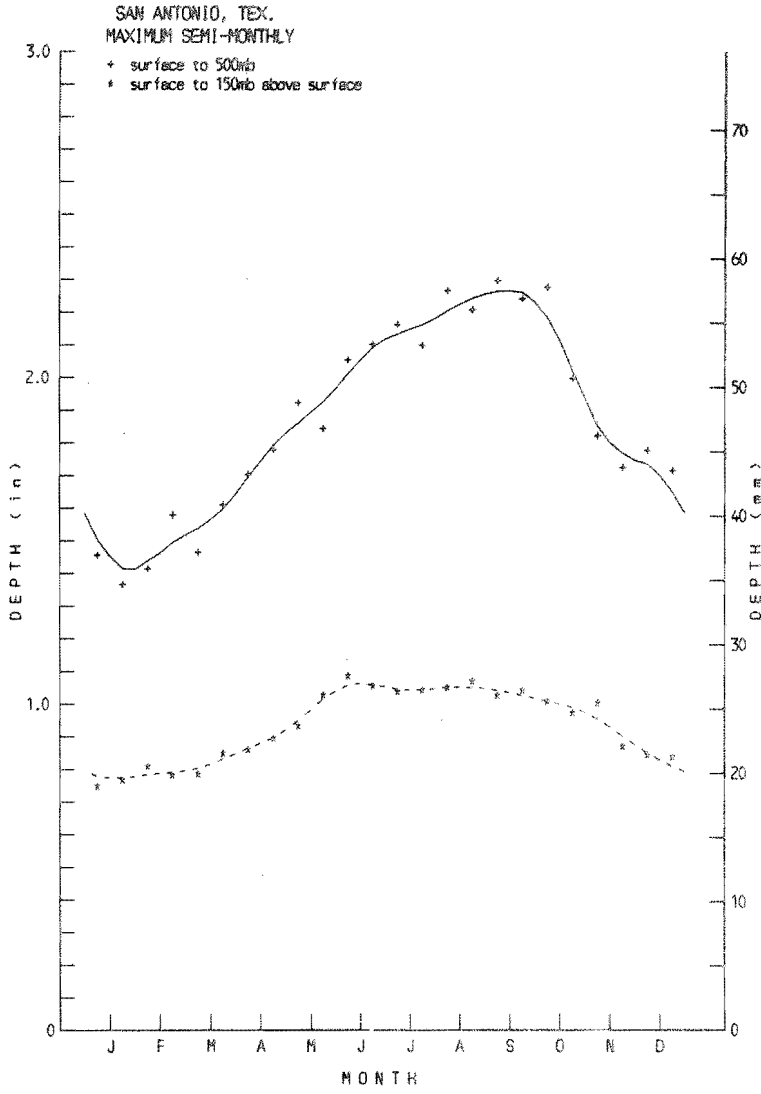
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

27 YEARS OF RECORD

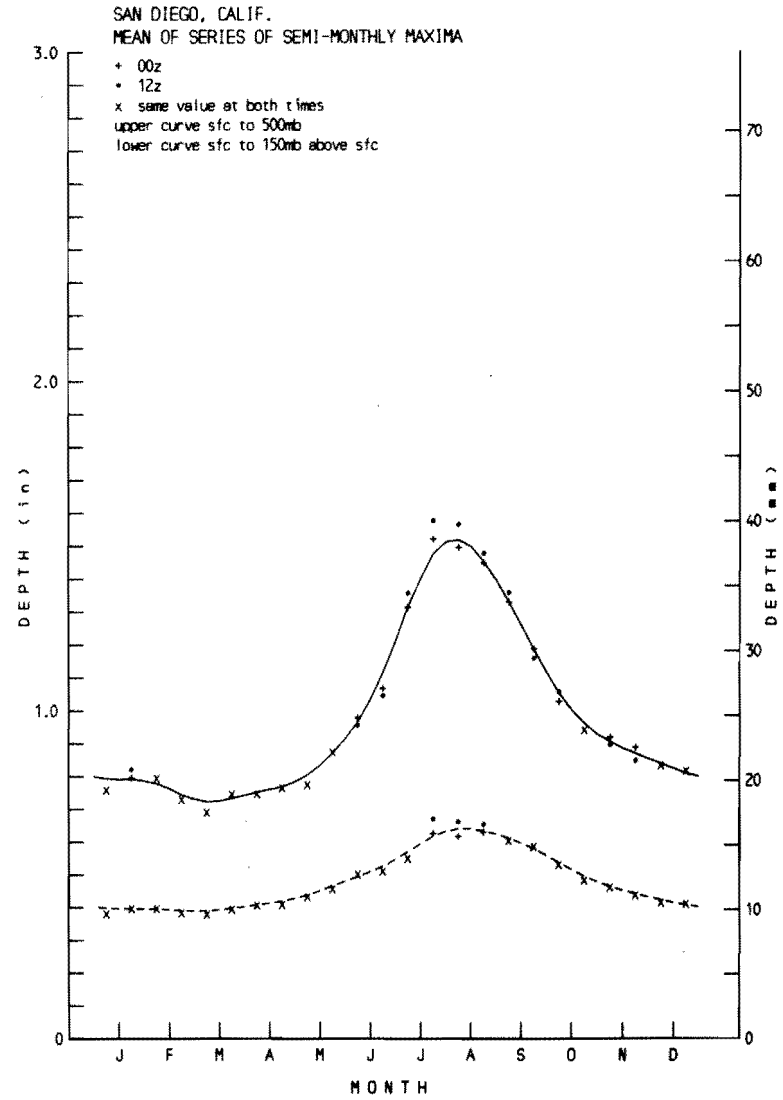
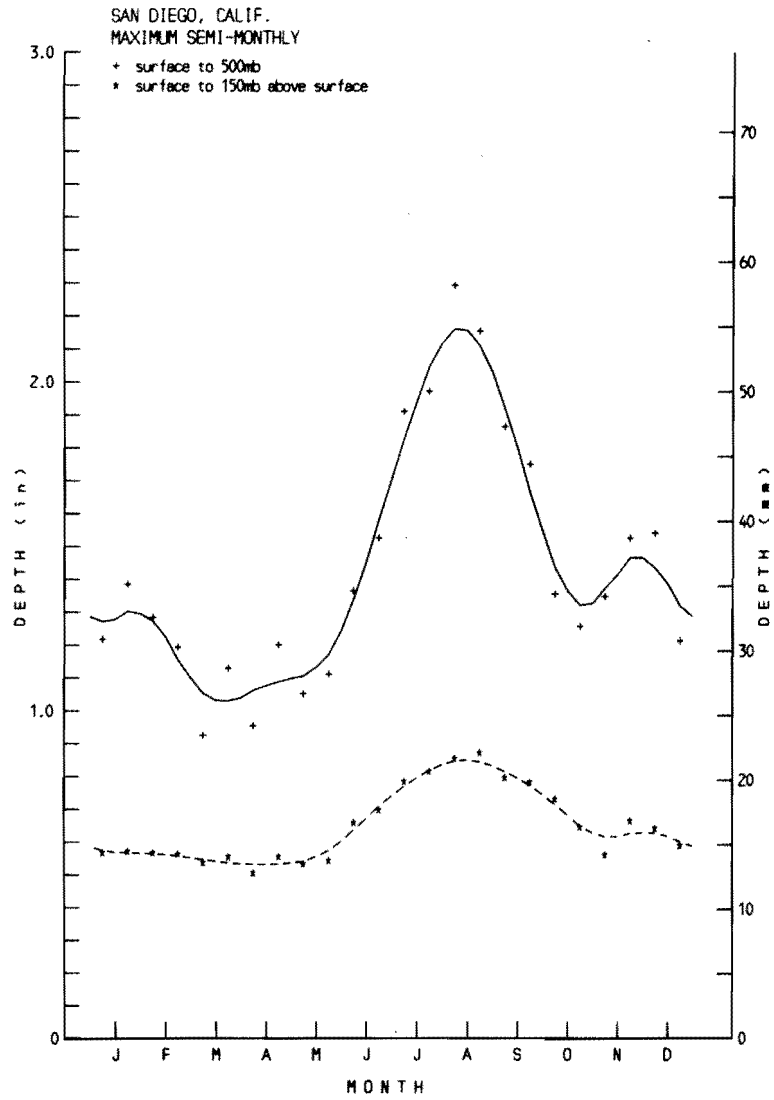
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)		
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	(1.1505)	.3294 (.1297)	MAR-1
2	4.0836	(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.

27 YEARS OF RECORD

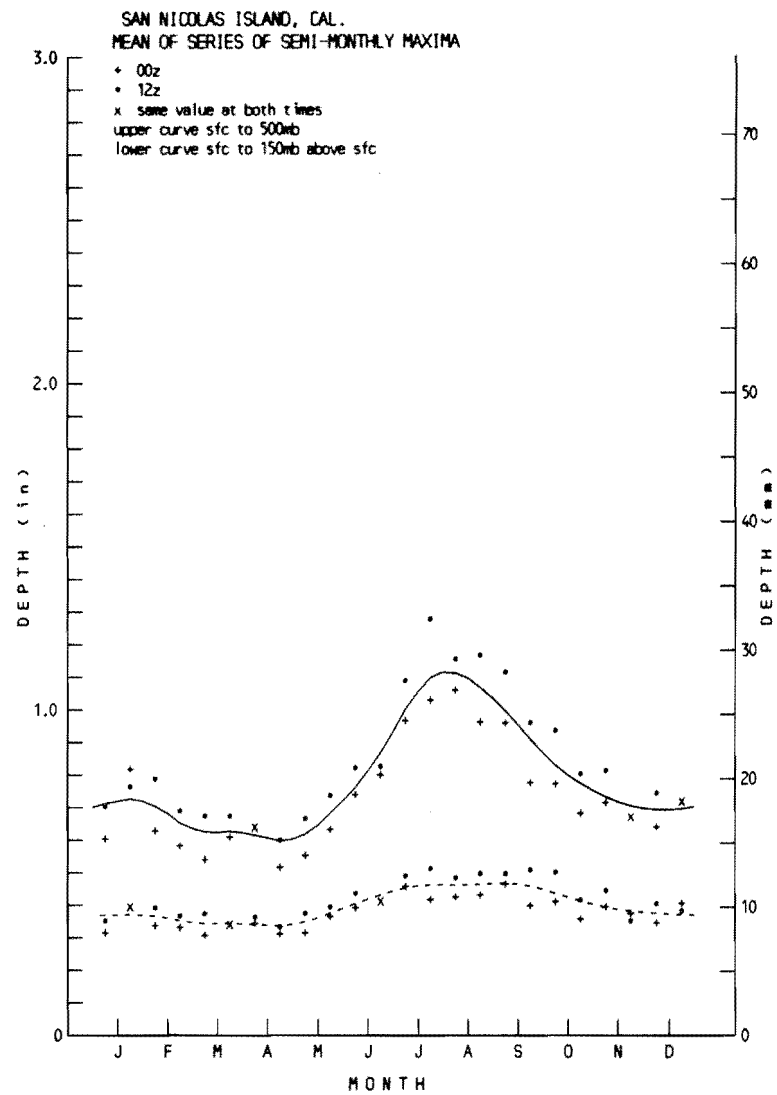
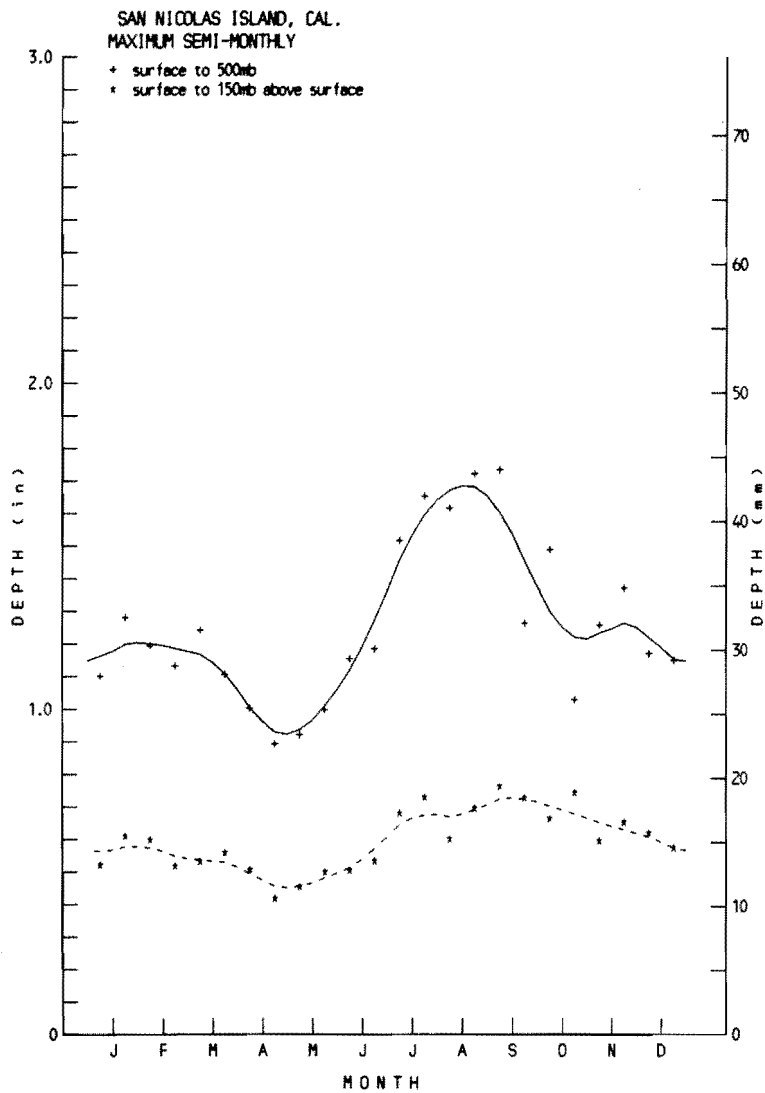
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	1.6333	(.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. 20 YEARS OF RECORD

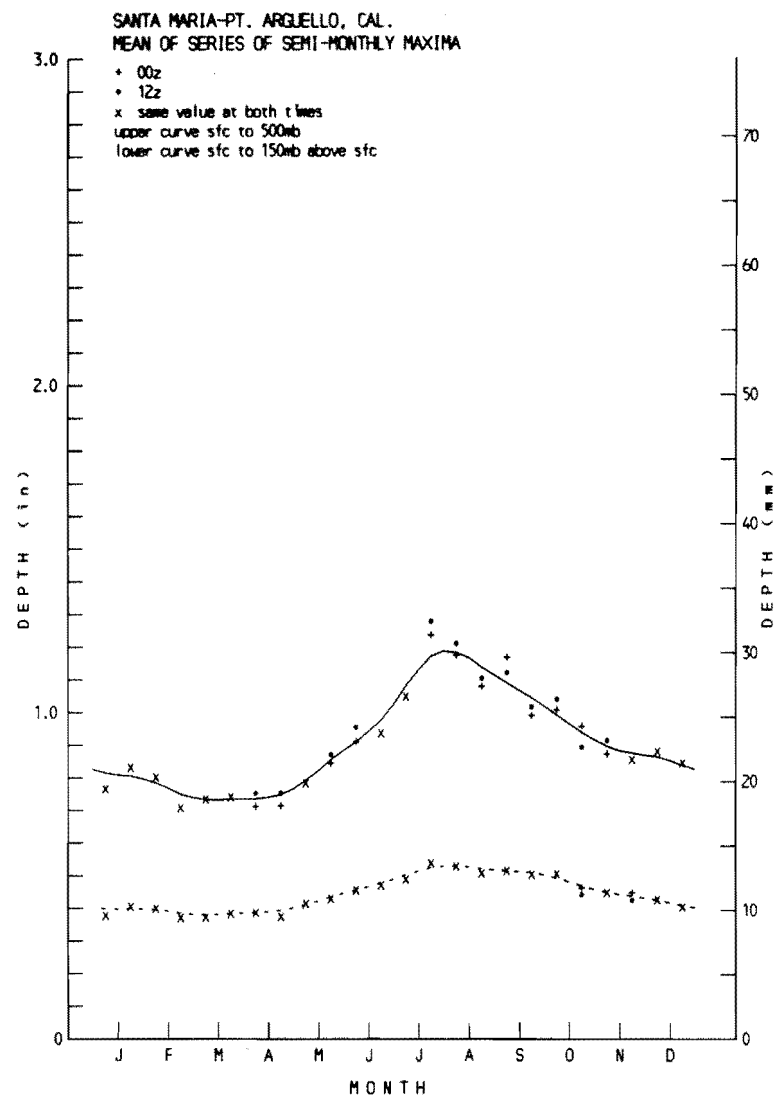
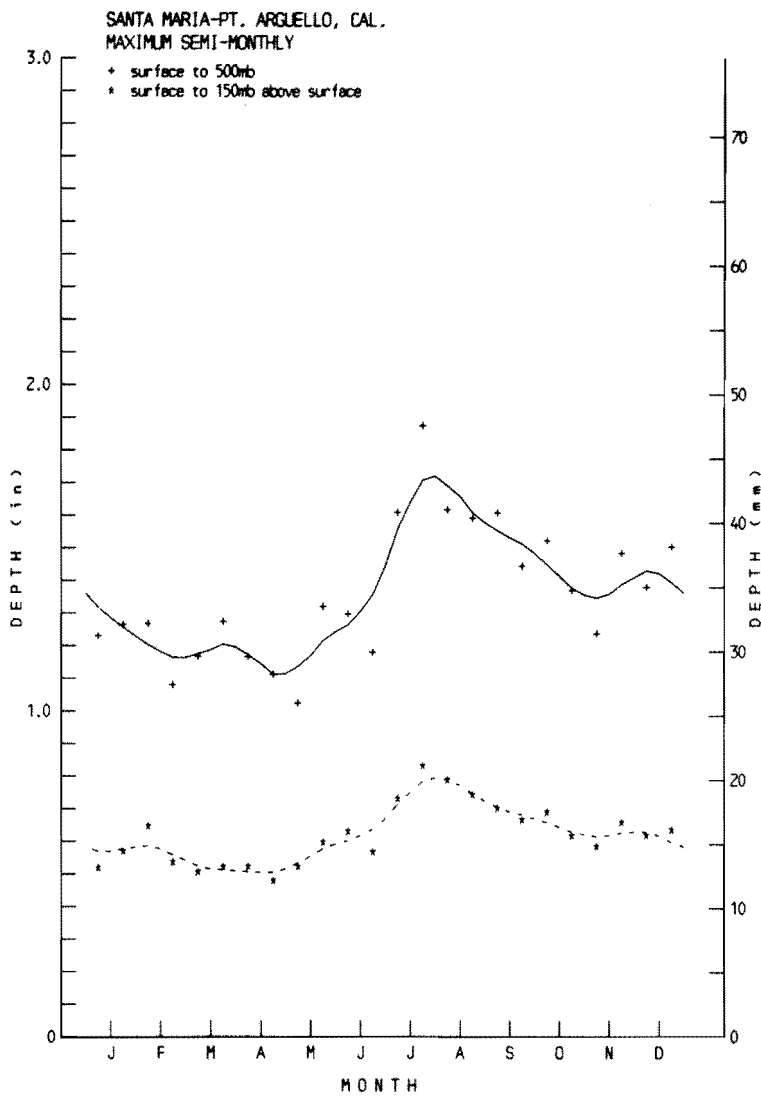
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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. 27 YEARS OF RECORD

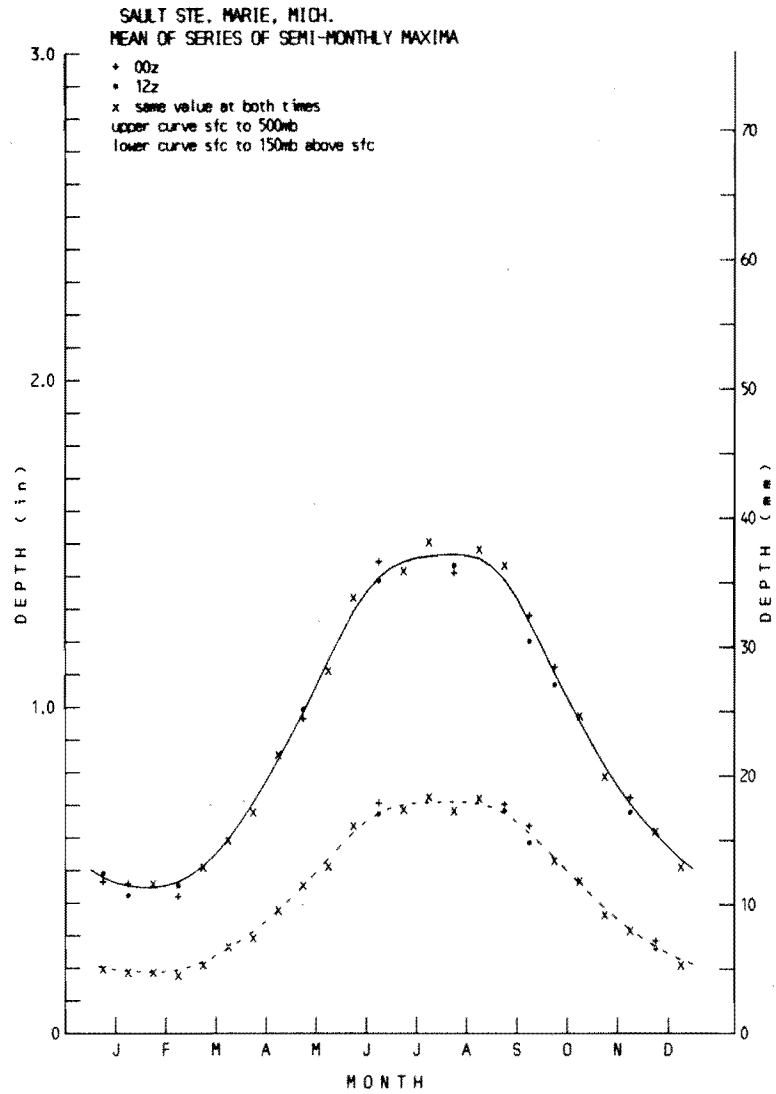
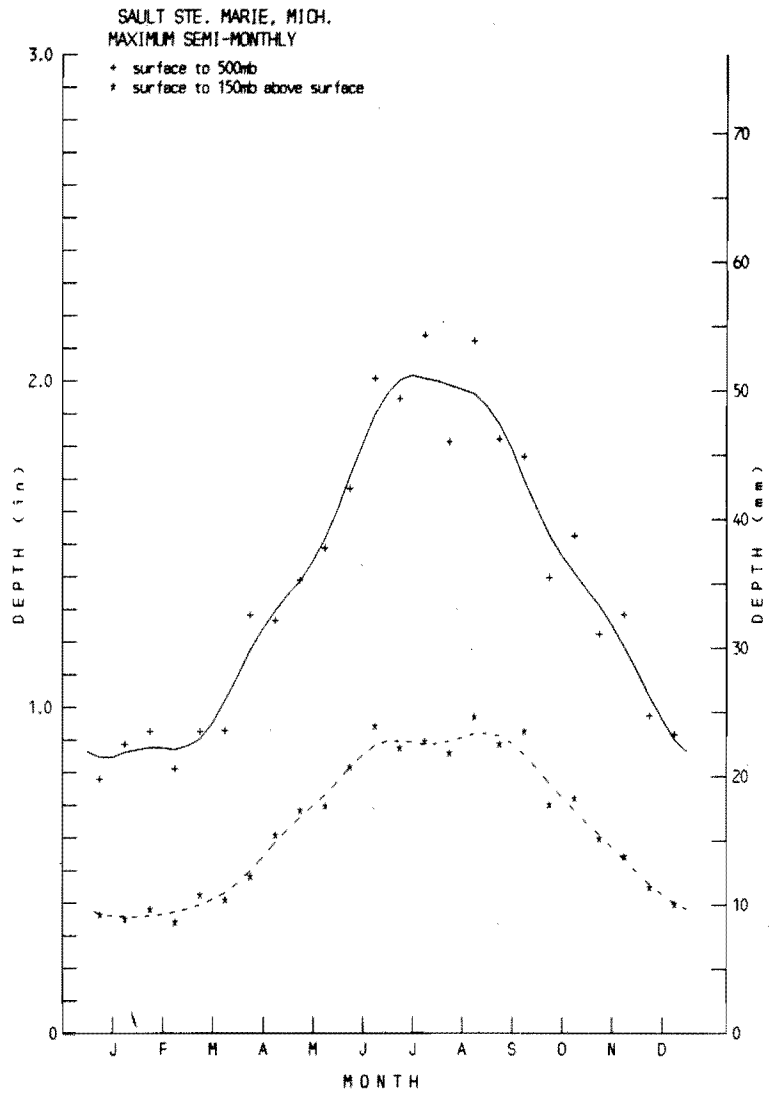
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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. 27 YEARS OF RECORD

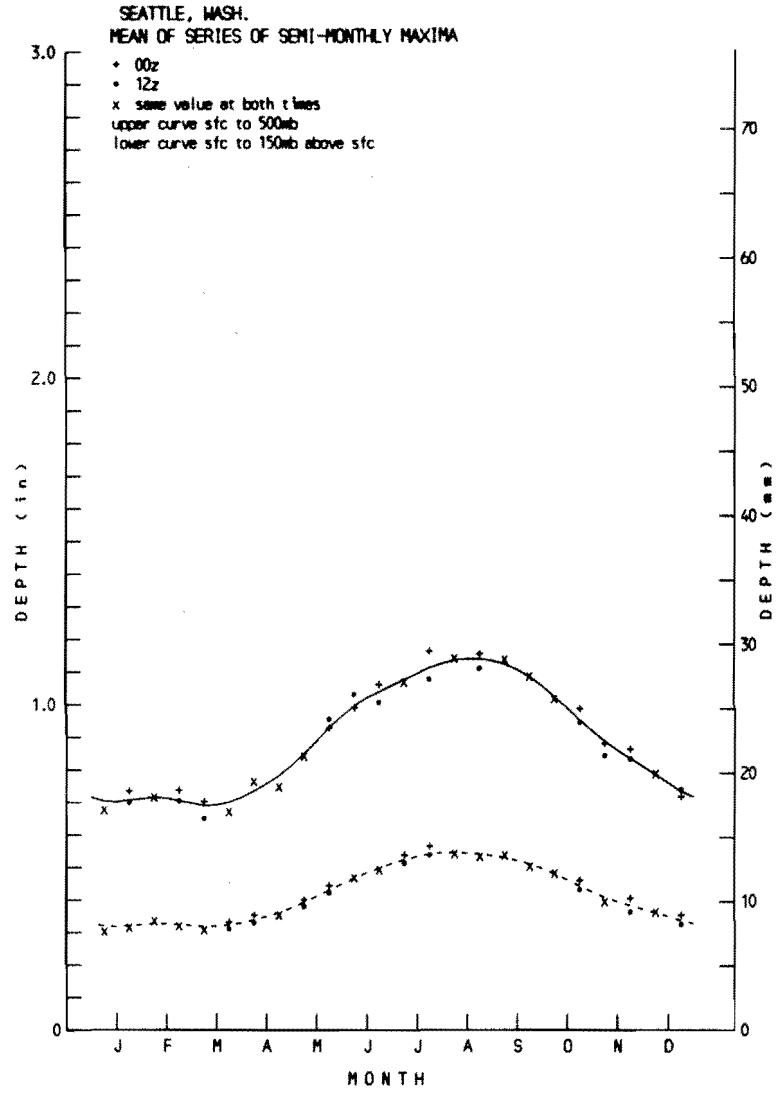
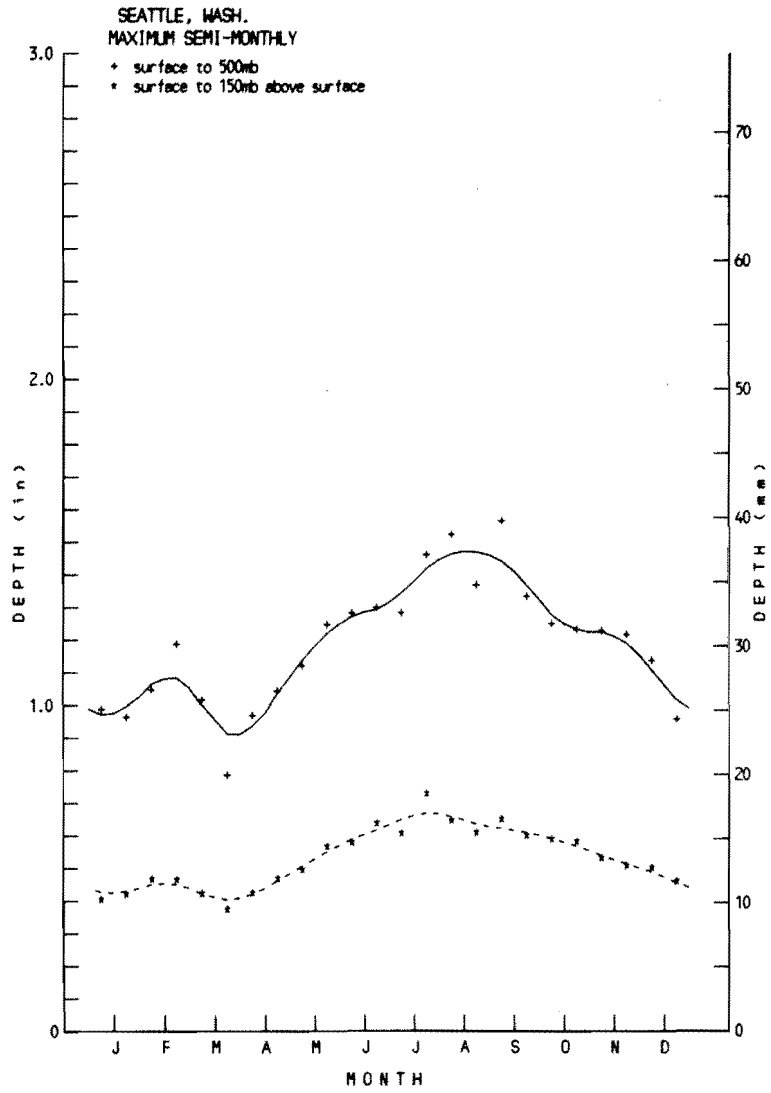
MAXIMUM SEMI-MONTHLY
002(032) AND 122(152) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(032) 122(152)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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



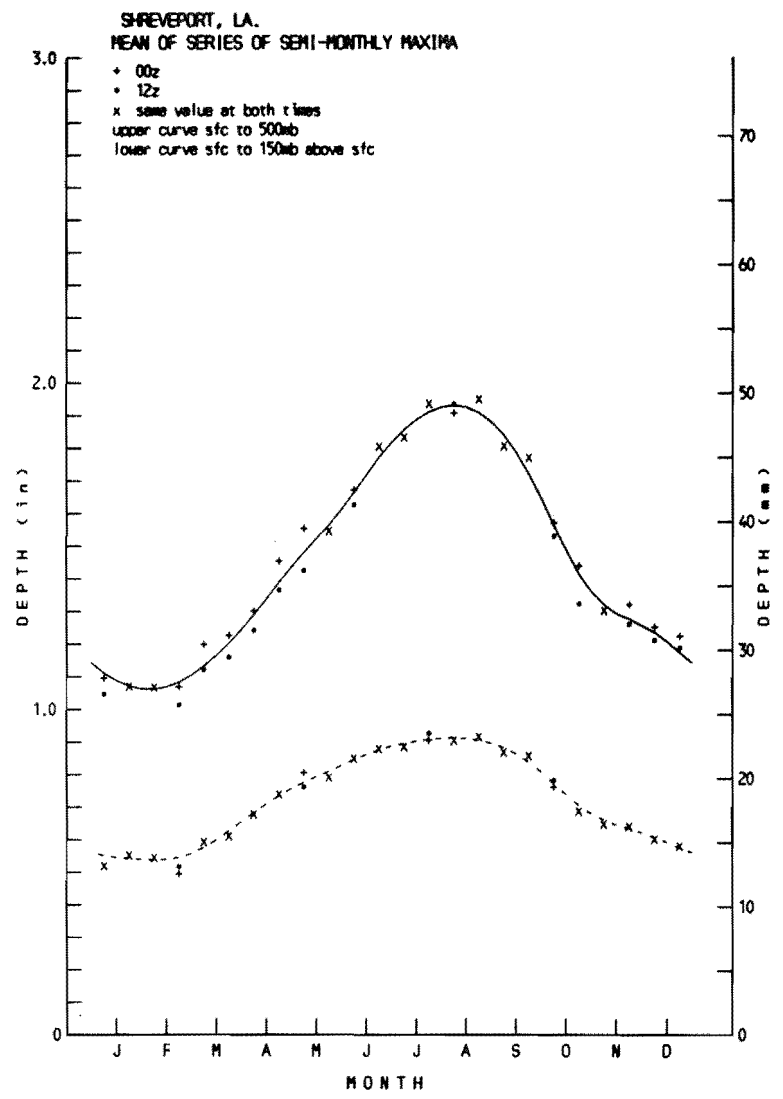
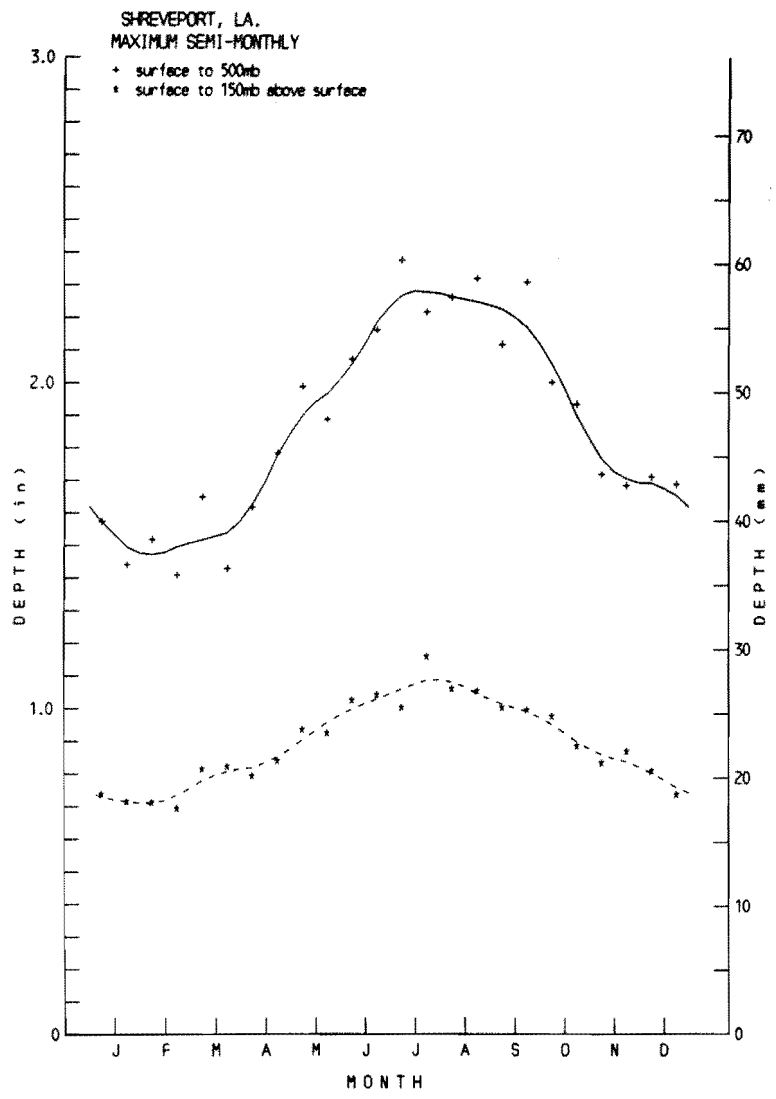
SEATTLE, WASH. 18 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
 00Z(03Z) AND 12Z(15Z) COMBINED 00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(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.

21 YEARS OF RECORD

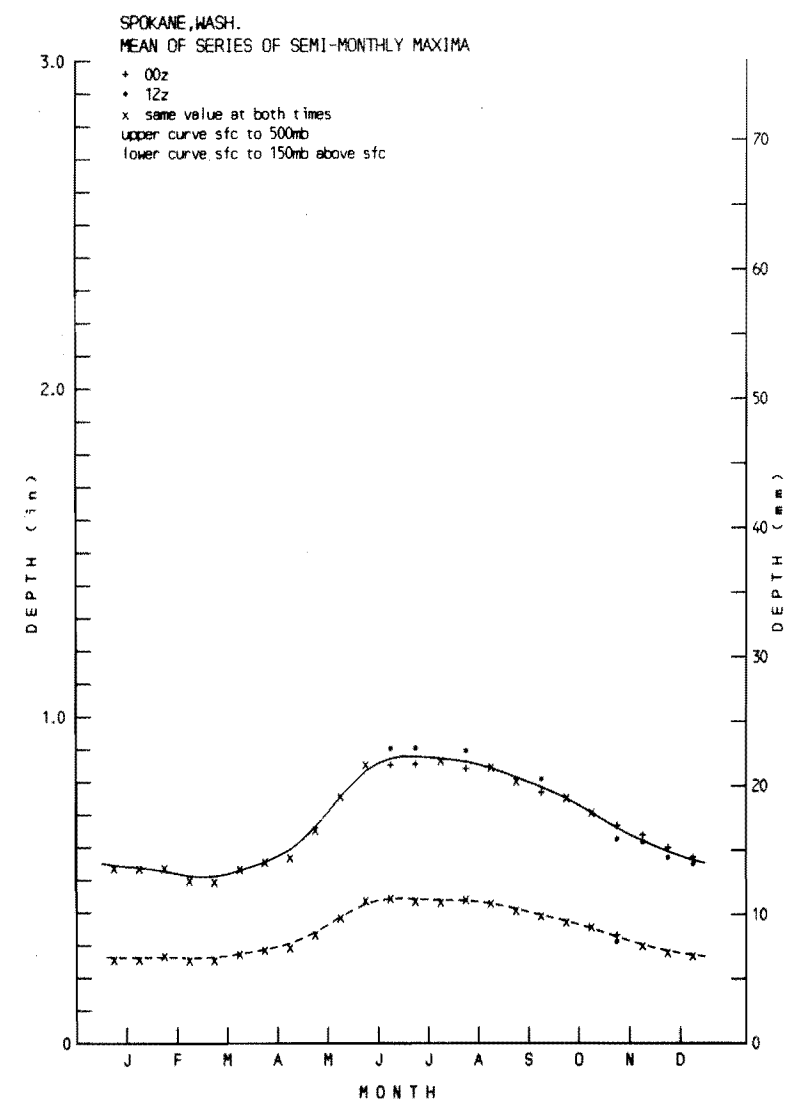
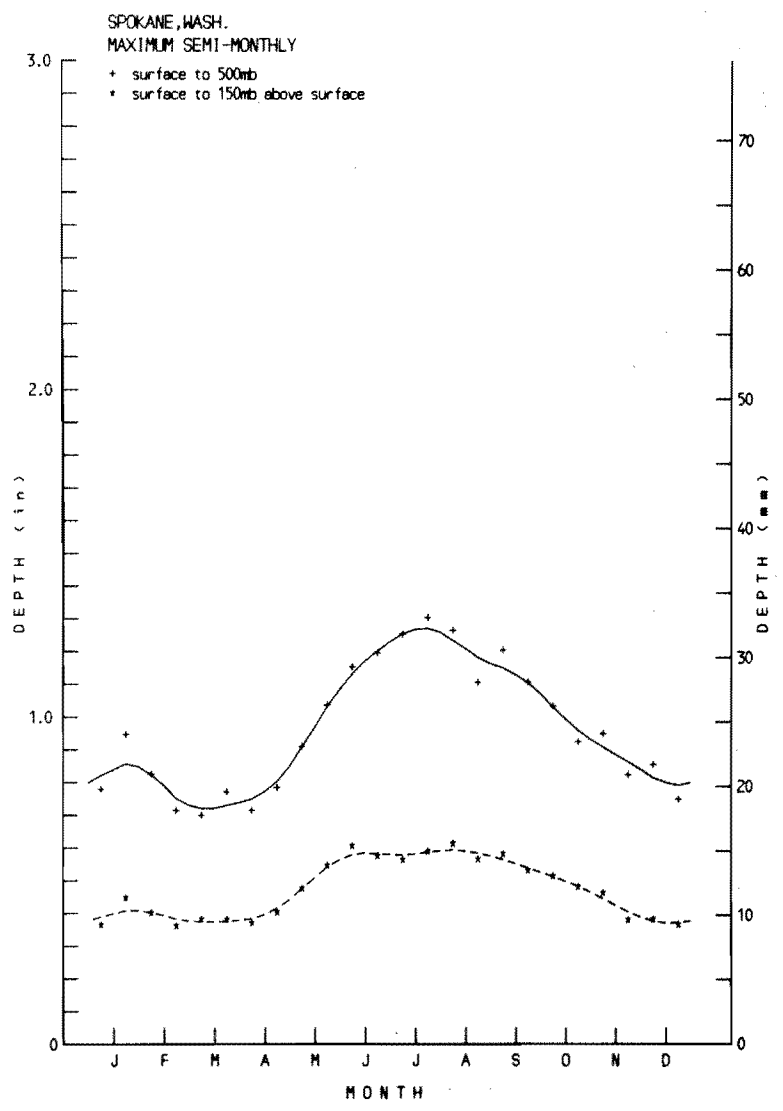
MAXIMUM SEMI-MONTHLY
002(032) AND 122(152) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(032) 122(152)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.5977)	.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.

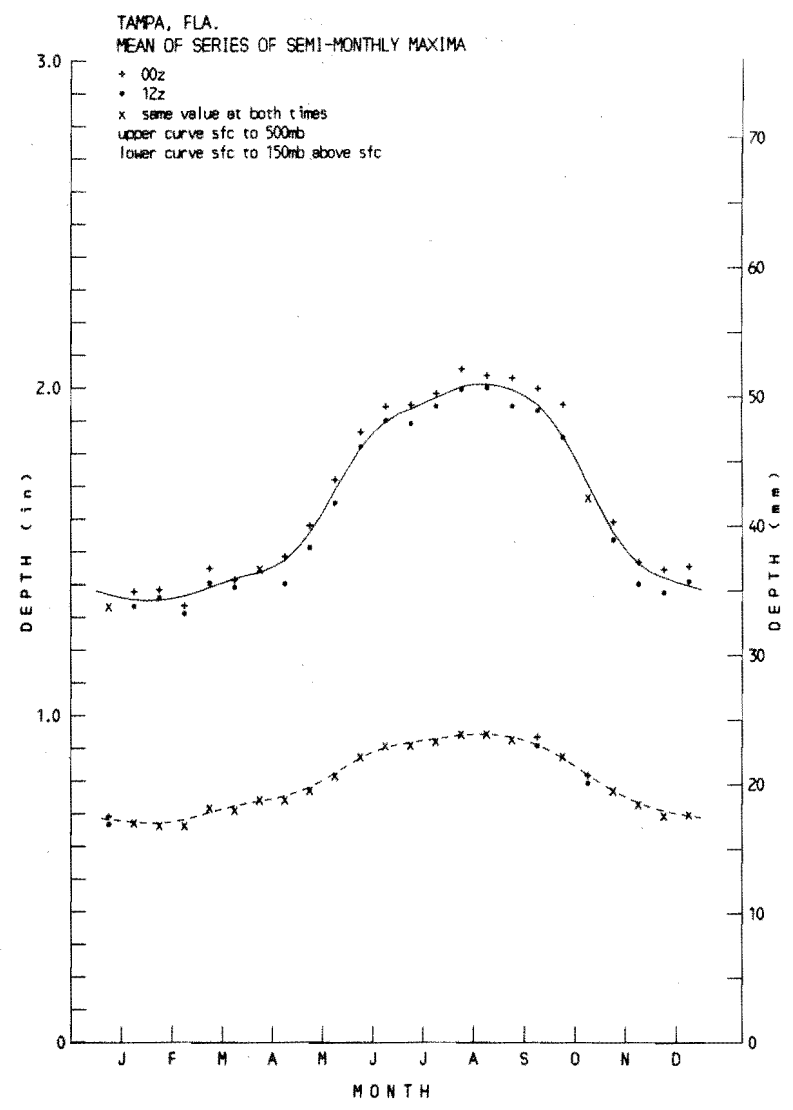
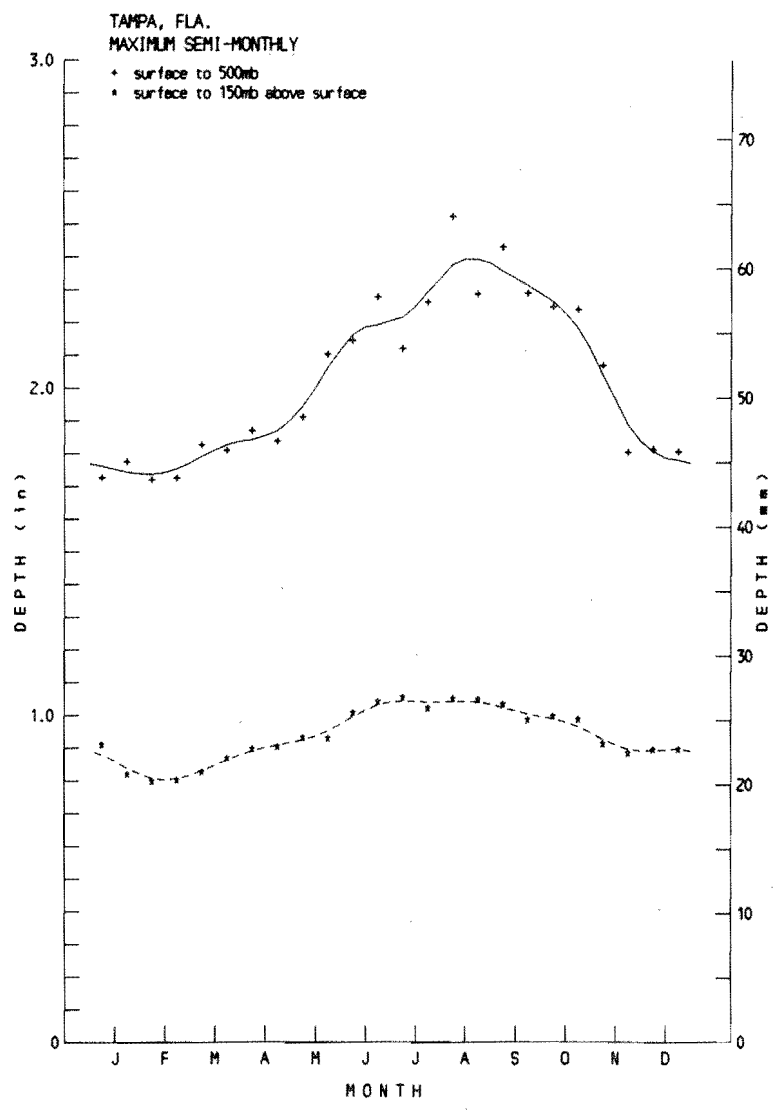
27 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINEDMEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)		
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.

27 YEARS OF RECORD

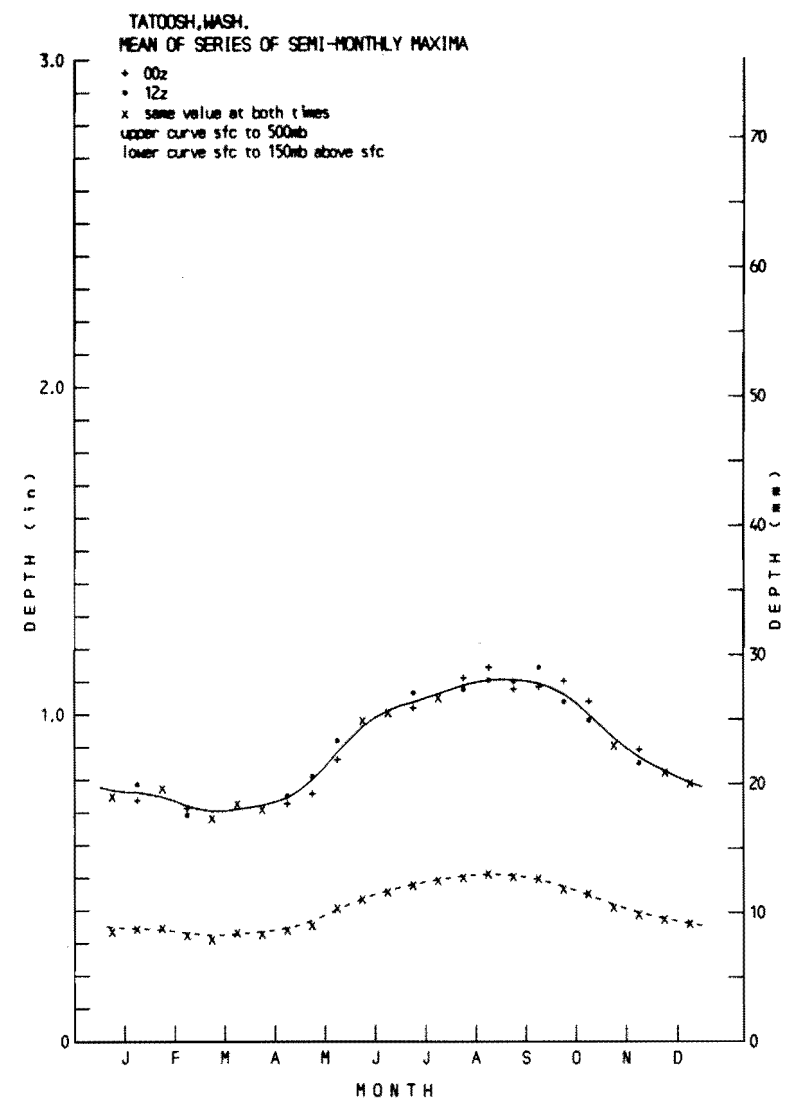
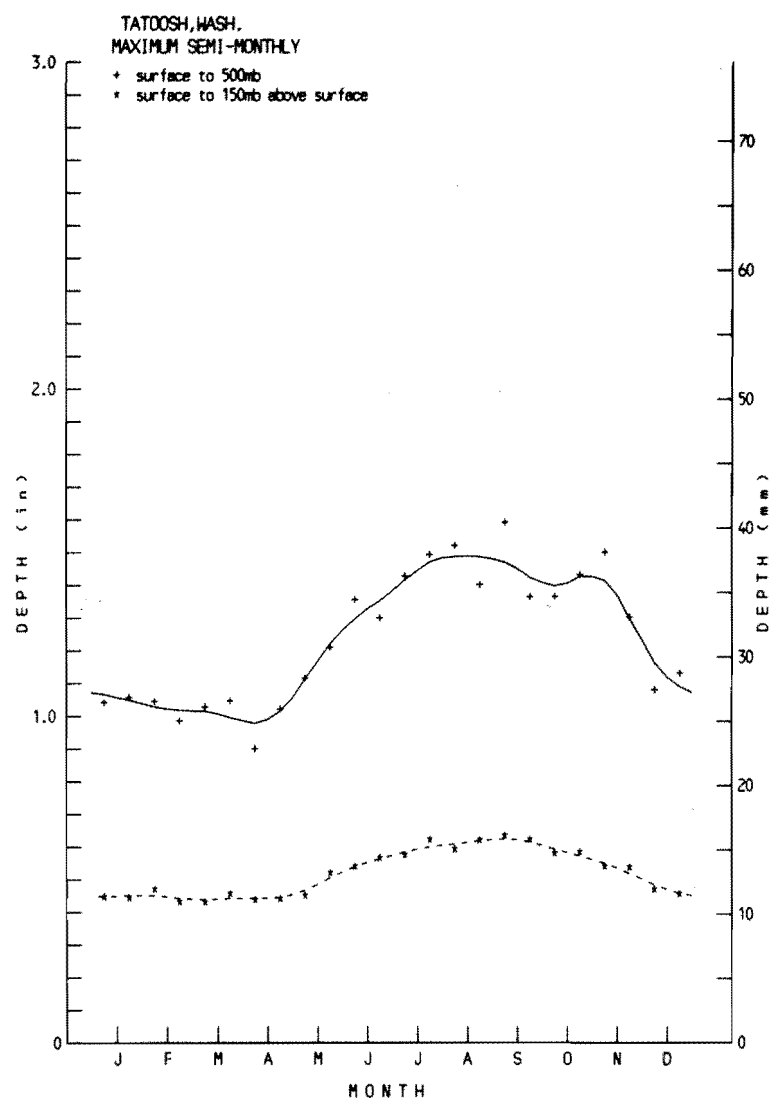
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

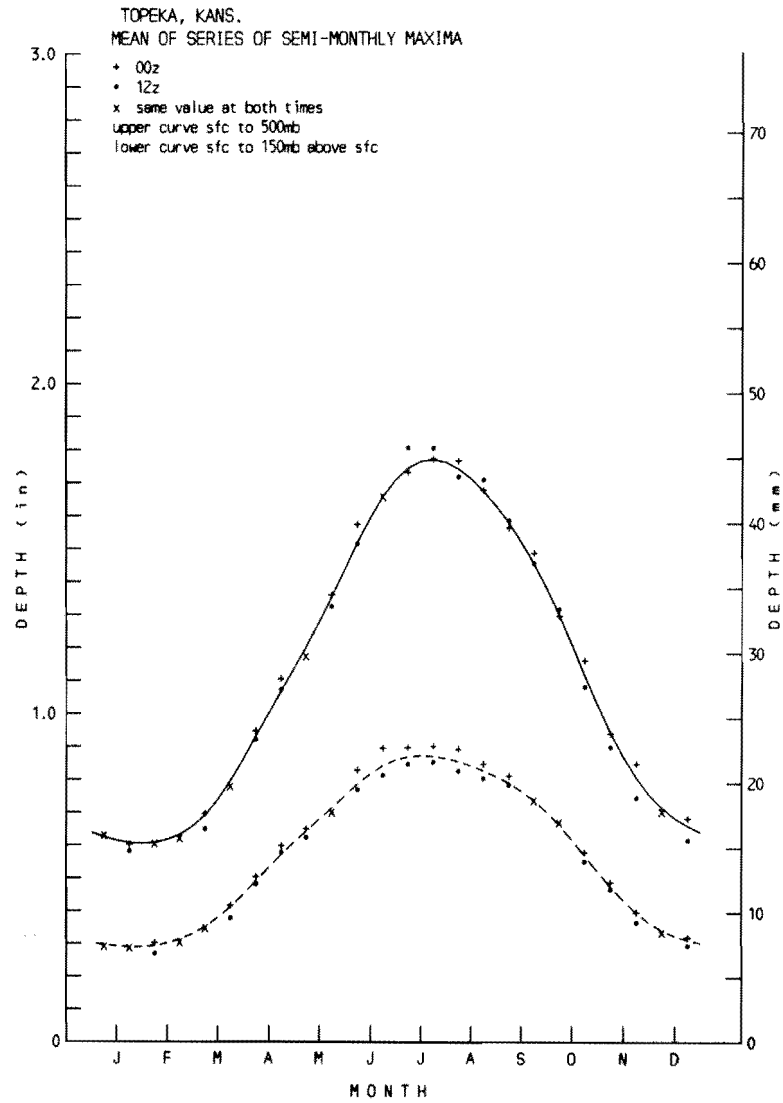
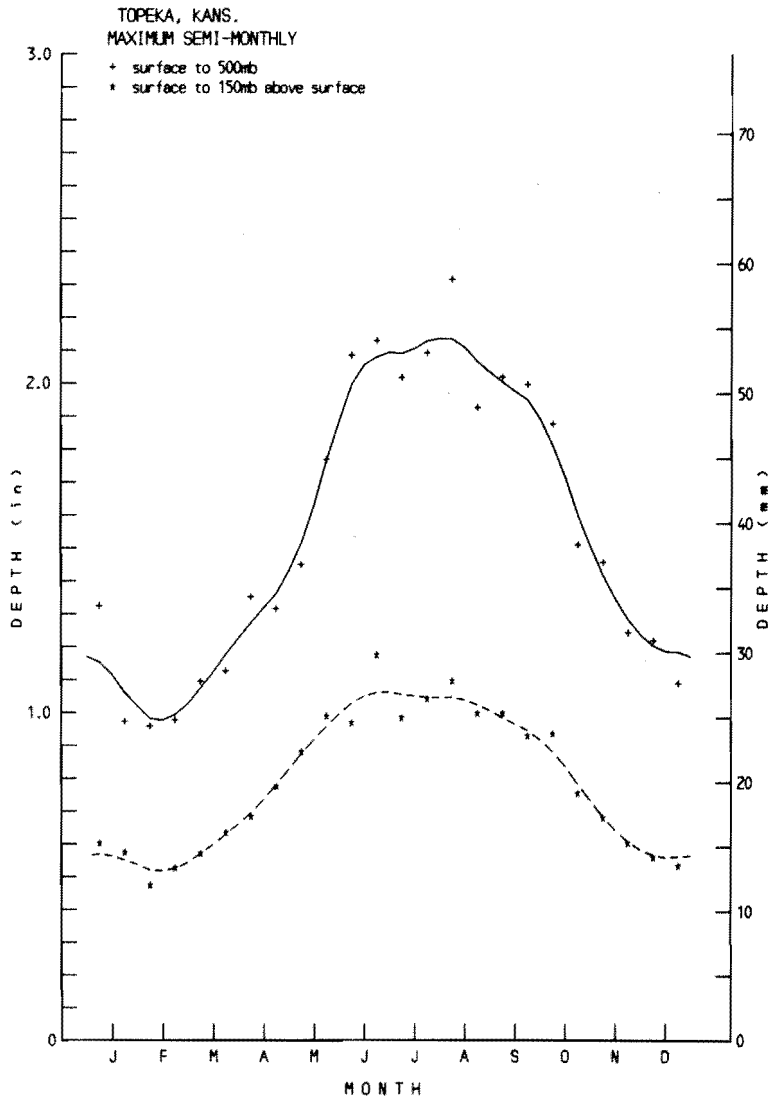
27 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINEDMEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.6553)	.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.

19 YEARS OF RECORD

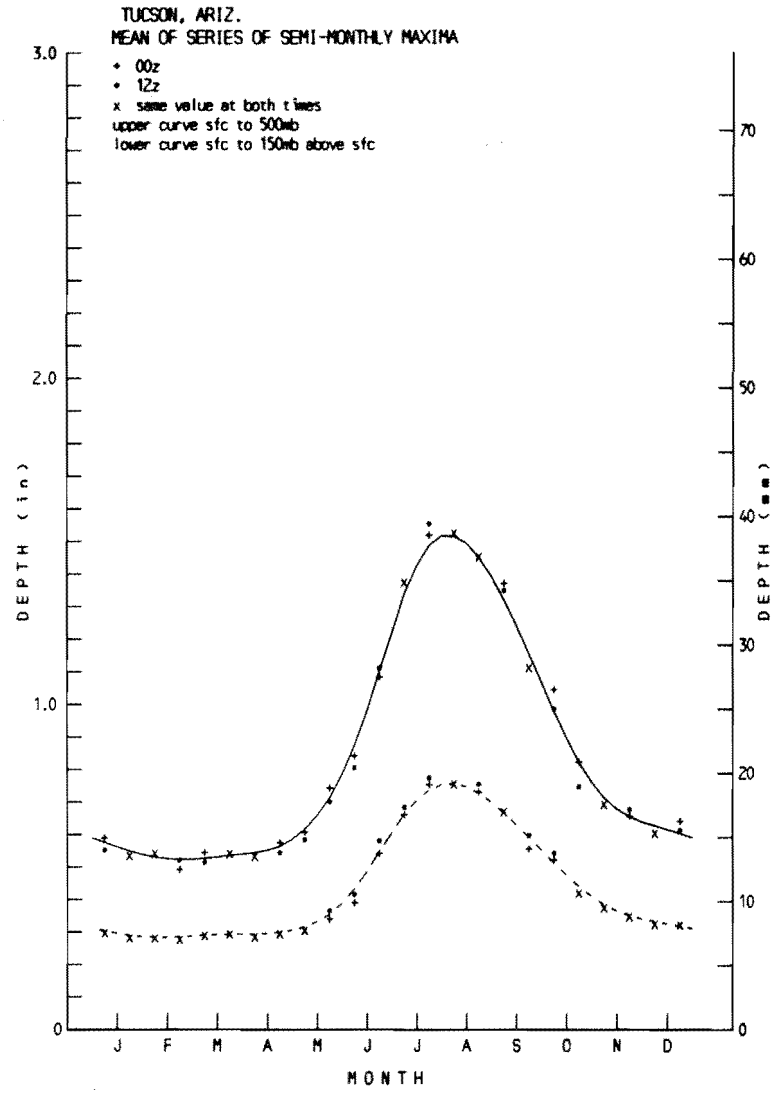
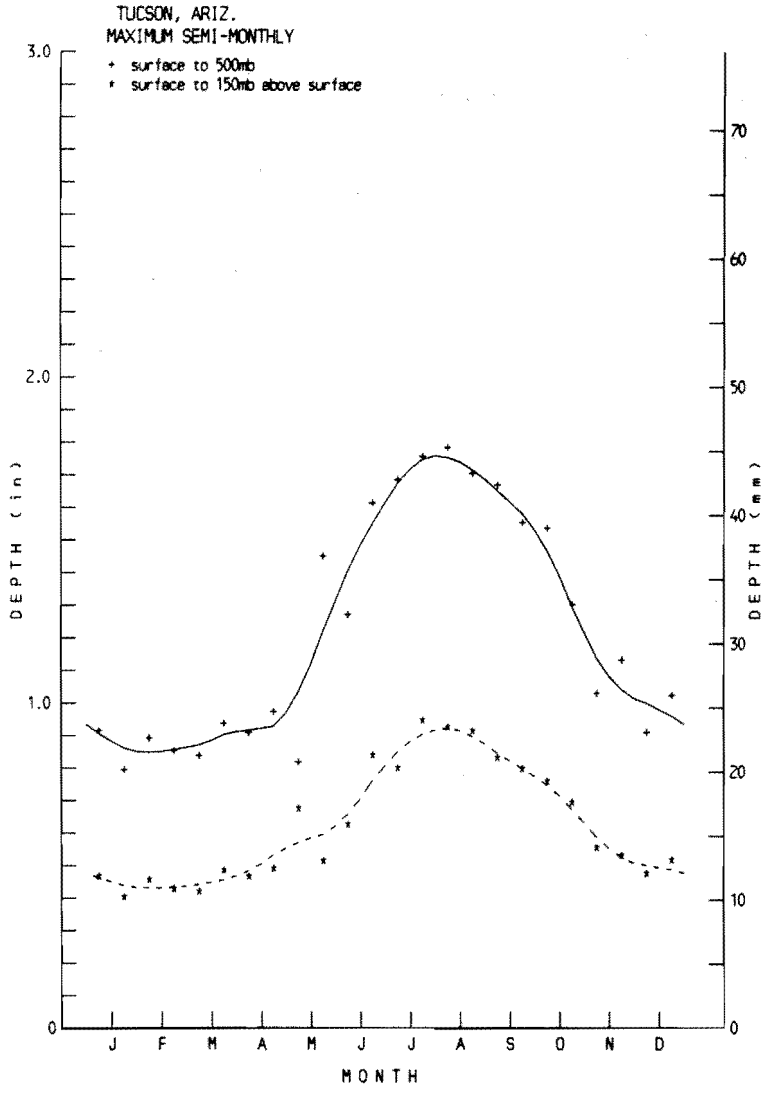
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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.

21 YEARS OF RECORD

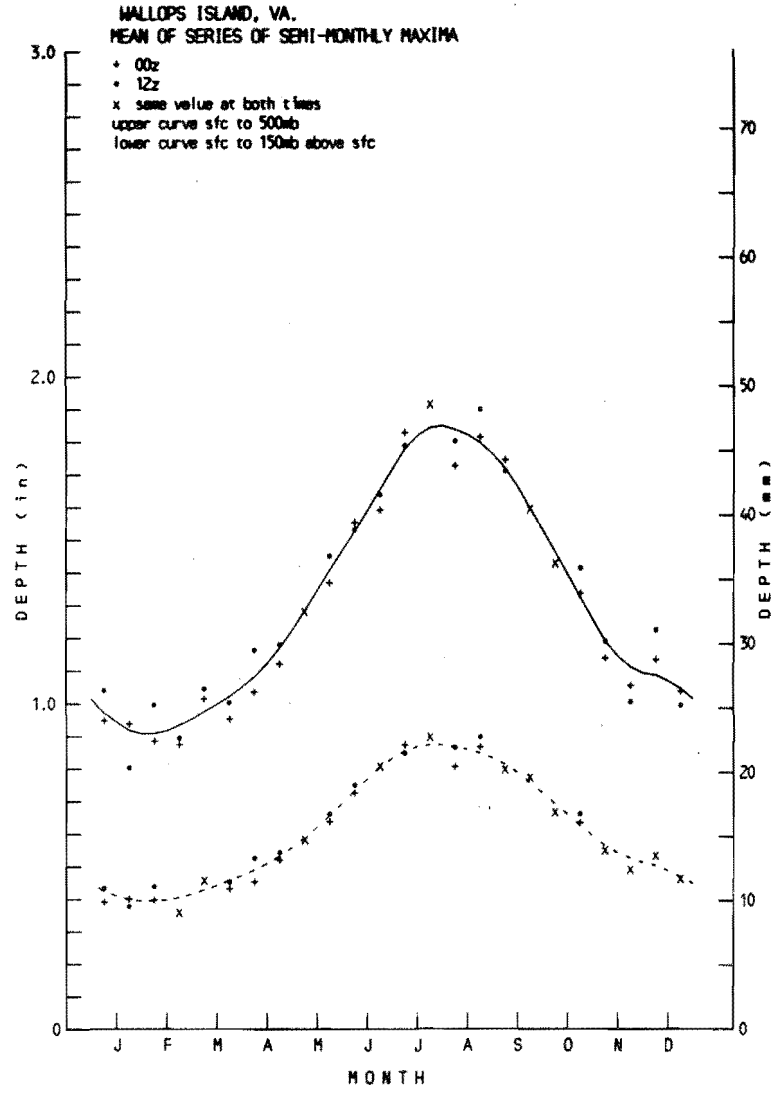
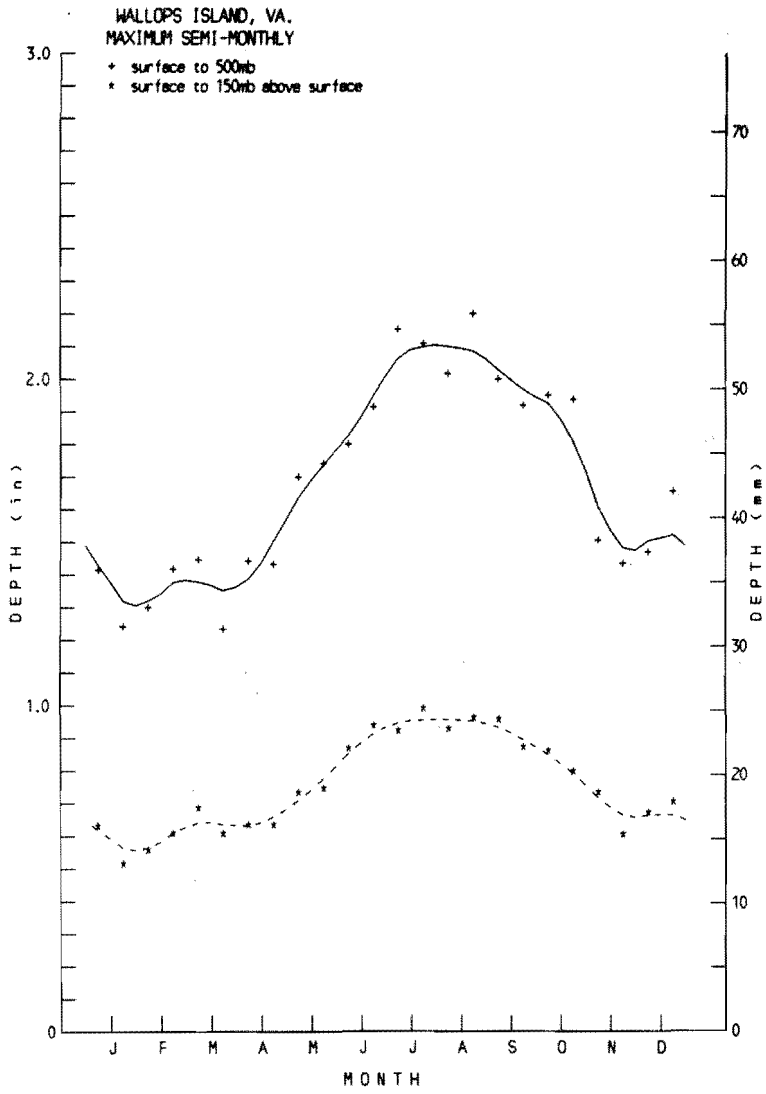
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

9 YEARS OF RECORD

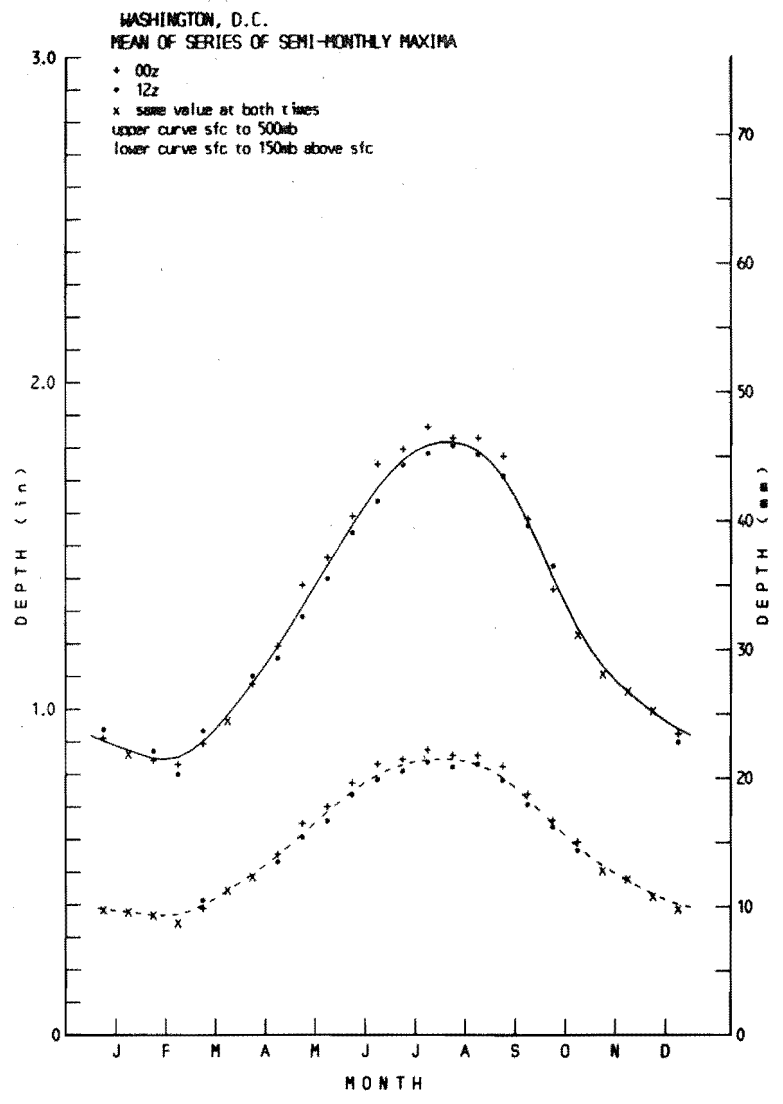
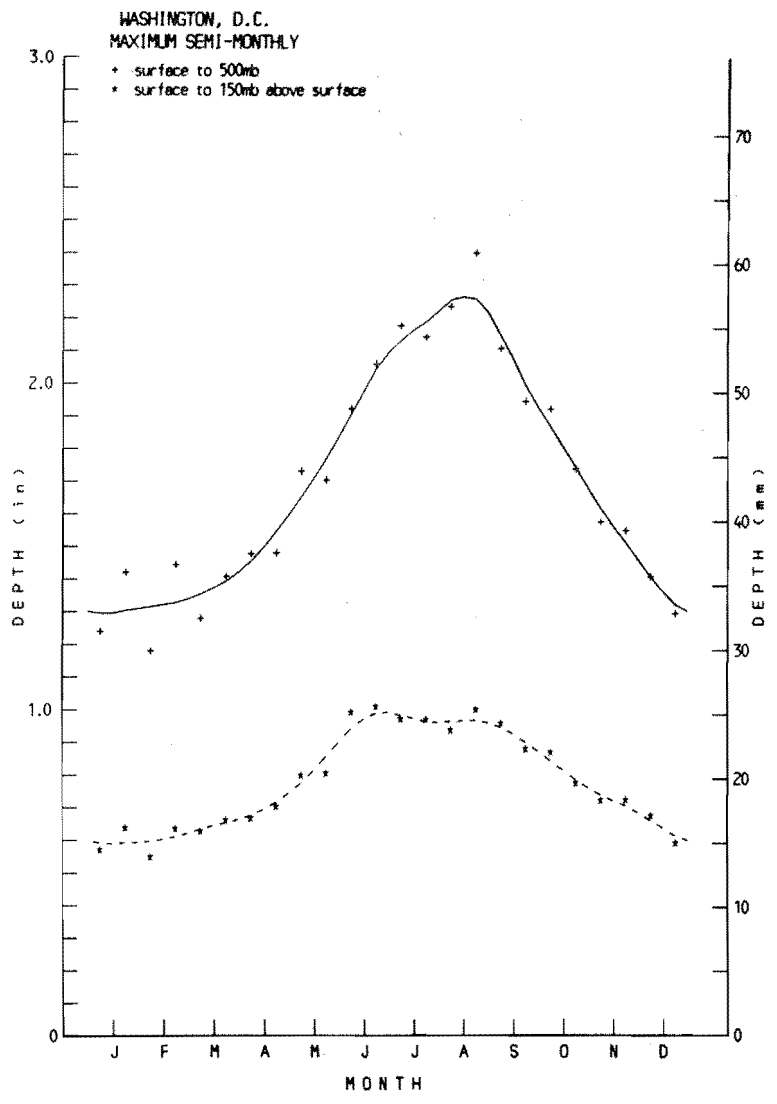
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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)	711110100	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. 27 YEARS OF RECORD

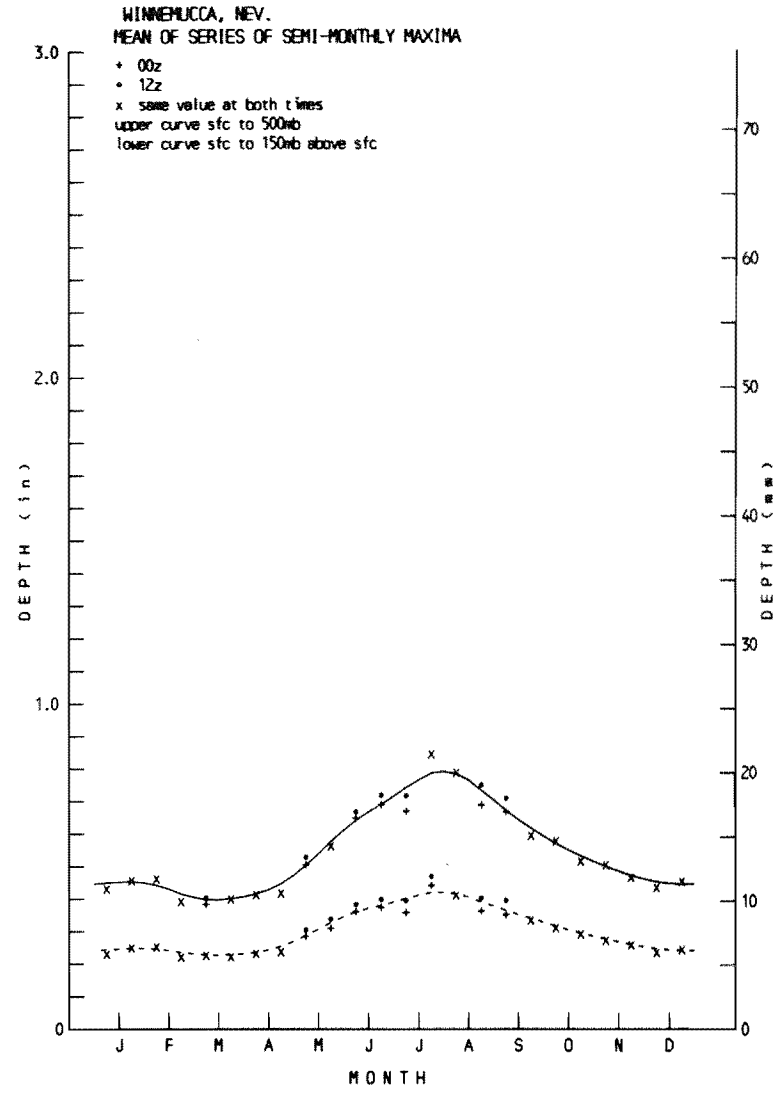
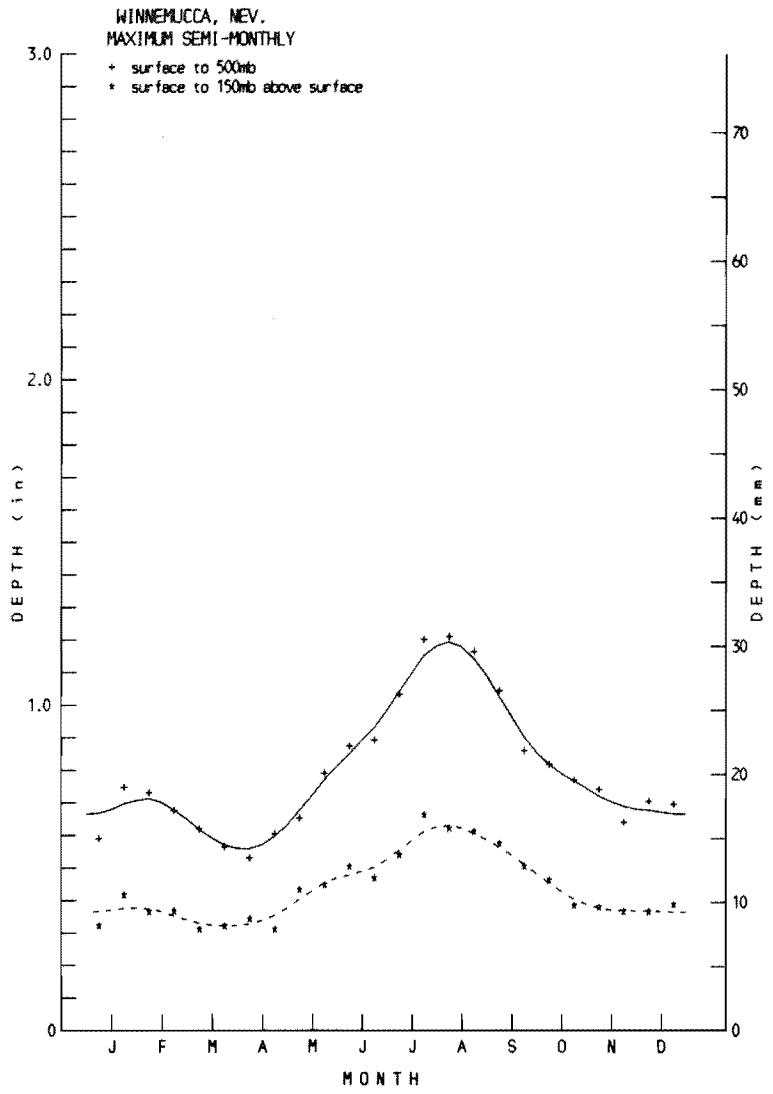
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

17 YEARS OF RECORD

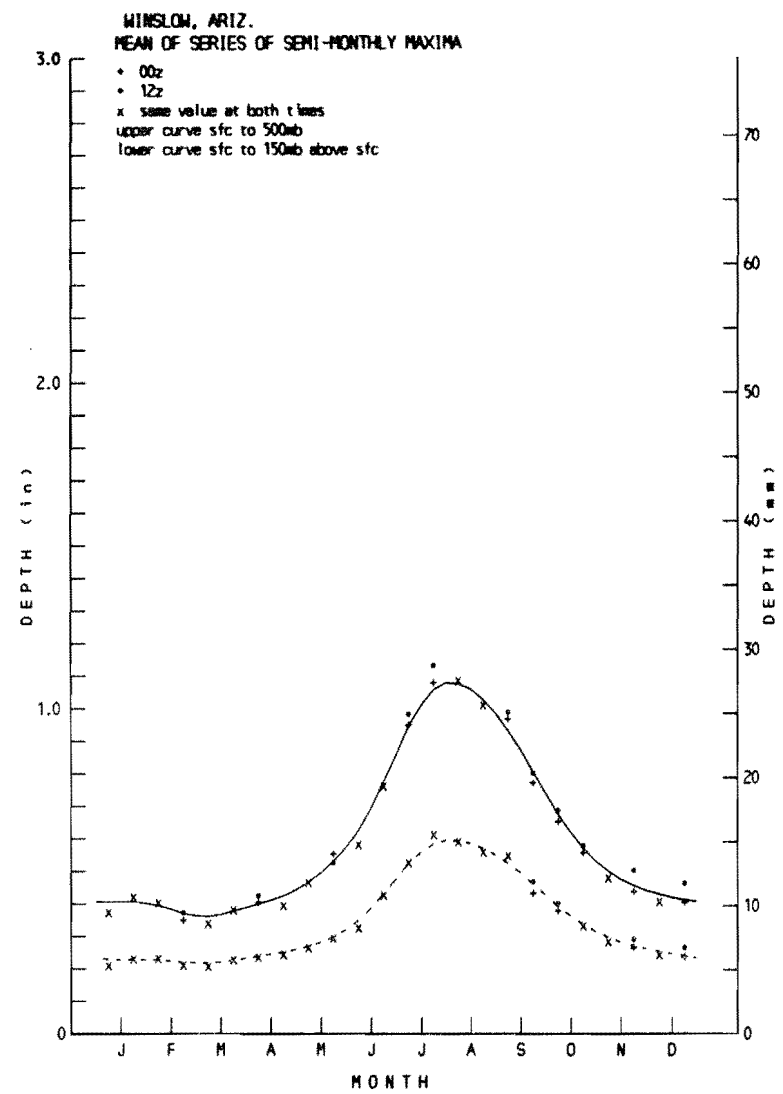
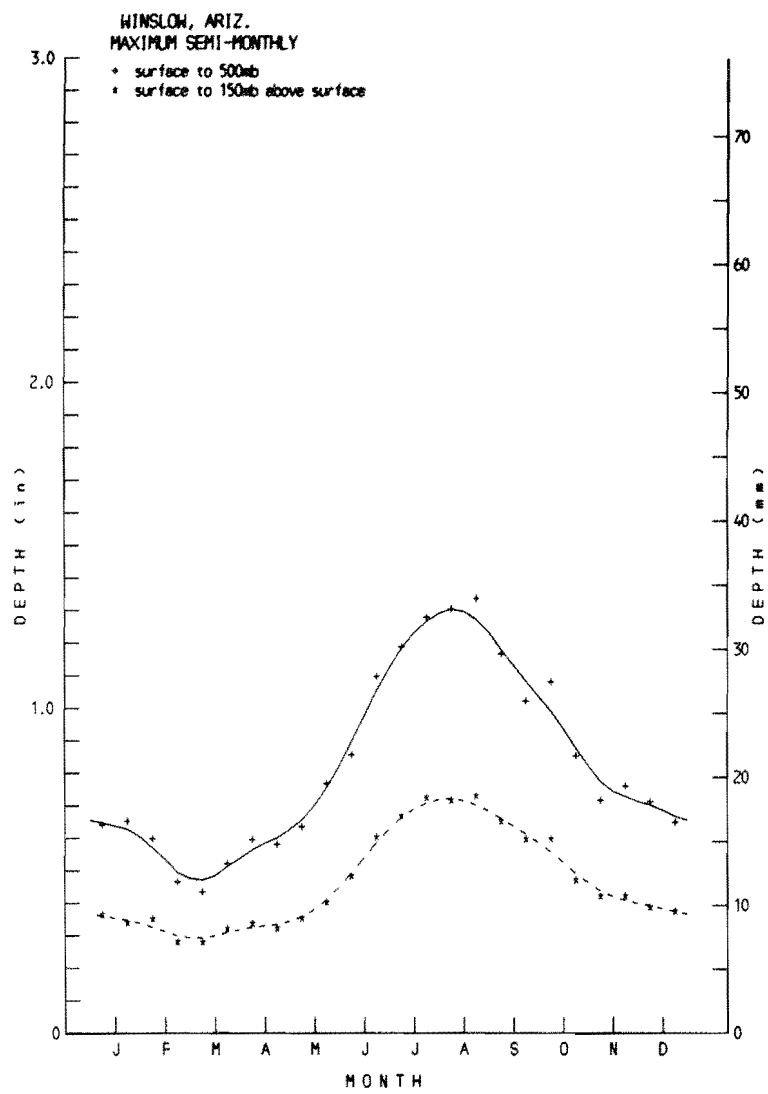
MAXIMUM SEMI-MONTHLY
002(03Z) AND 122(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(03Z) 122(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)				
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.

11 YEARS OF RECORD

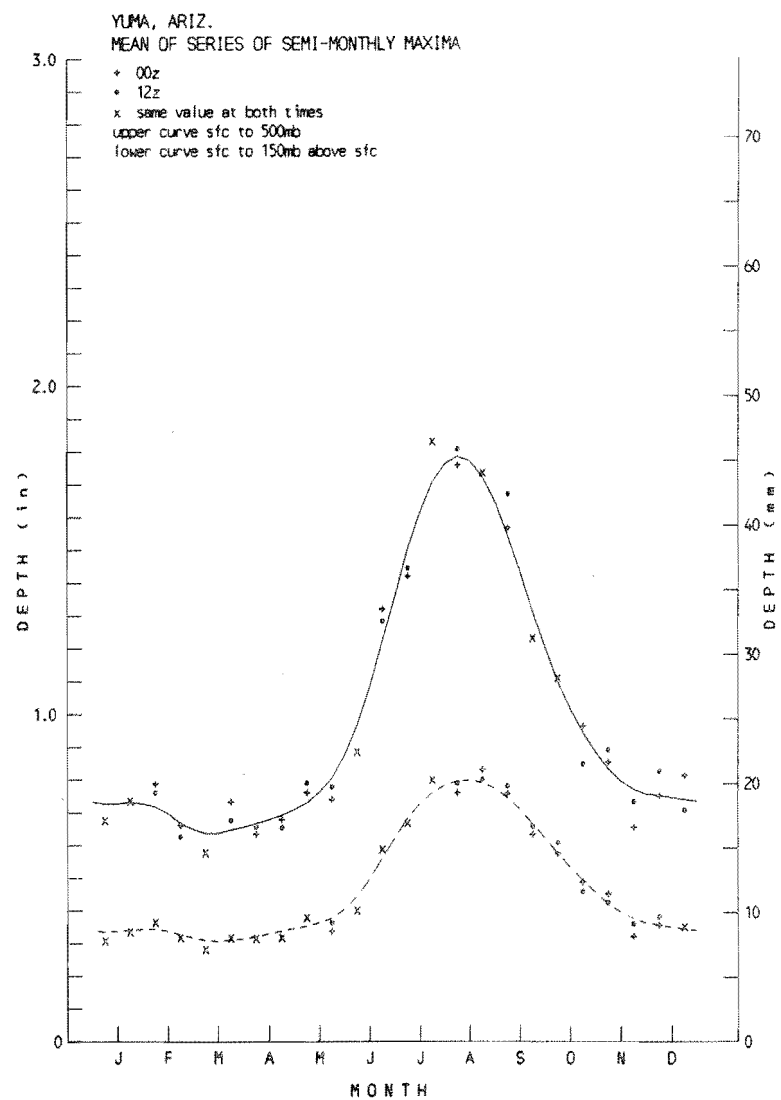
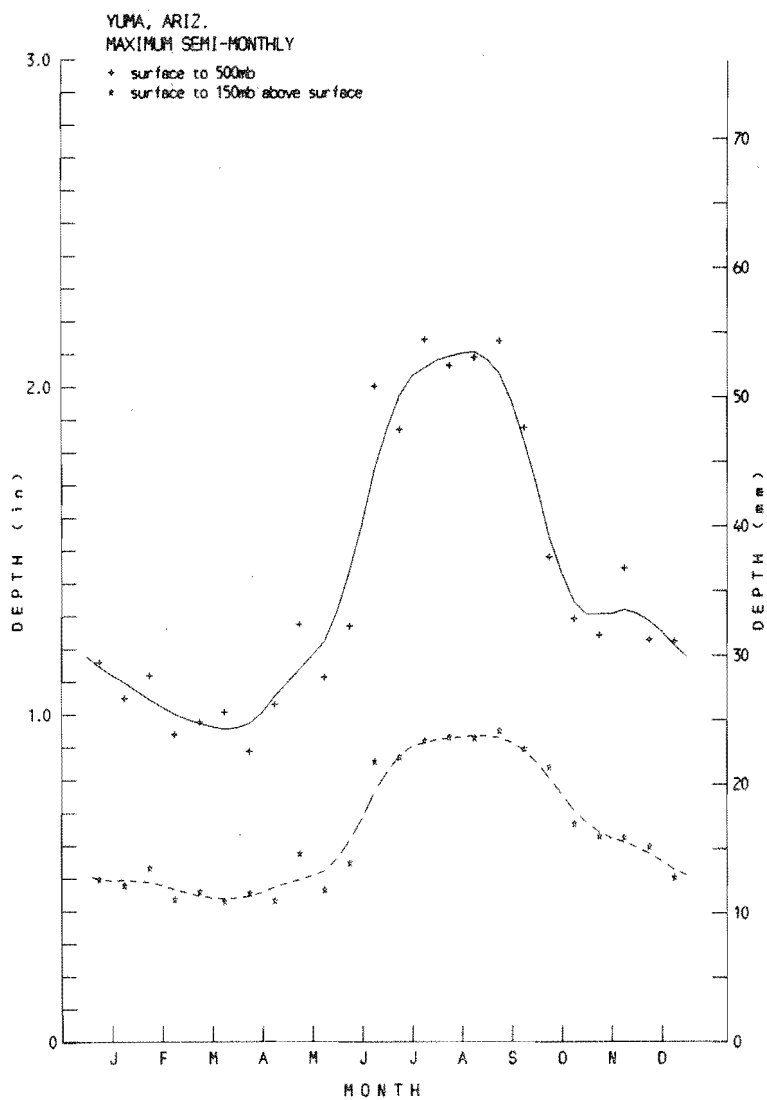
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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.

17 YEARS OF RECORD

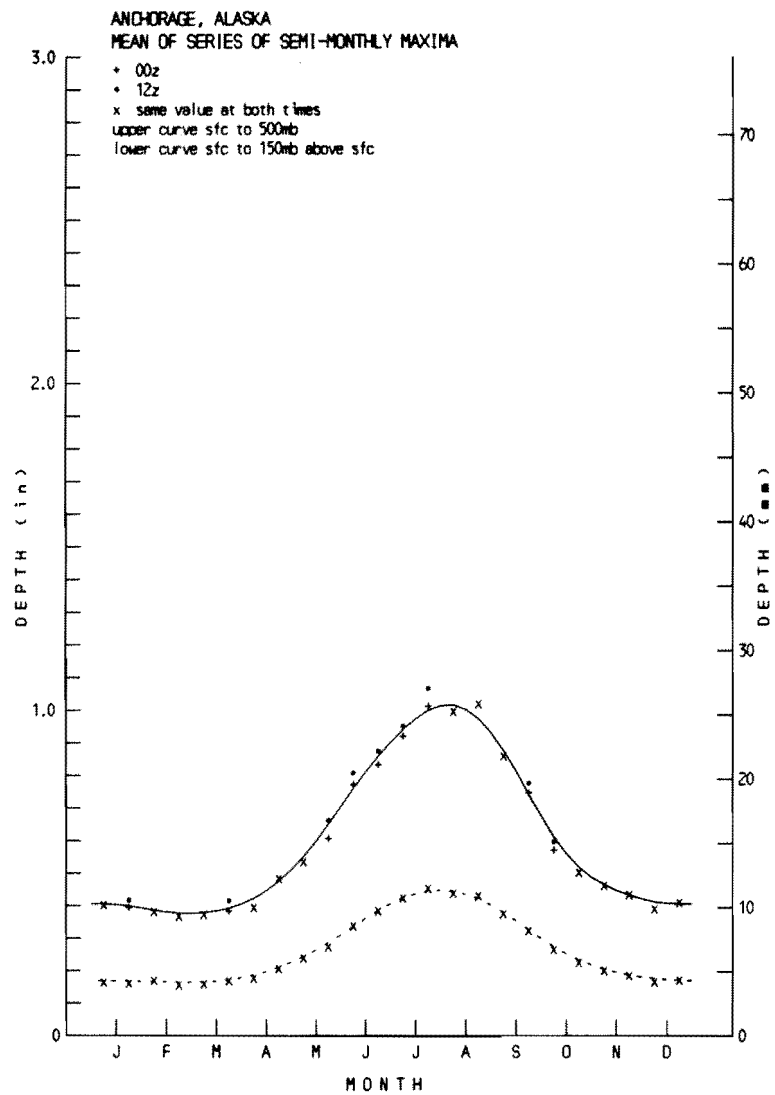
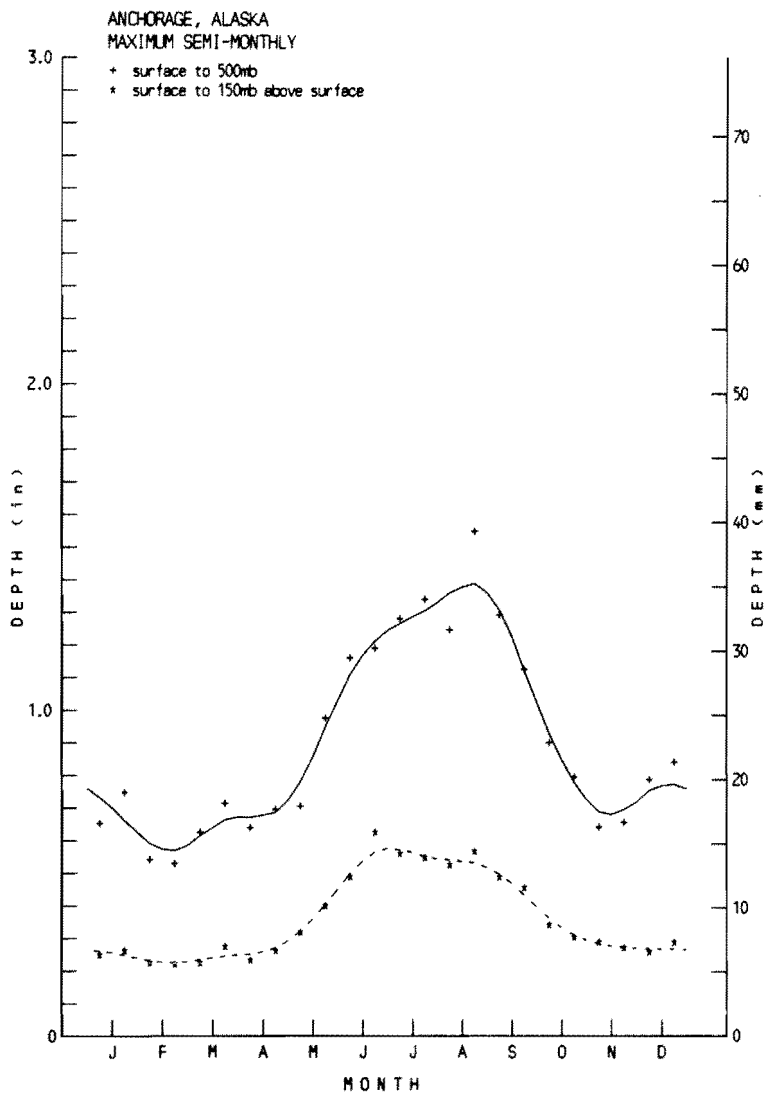
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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)	.4998	(.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

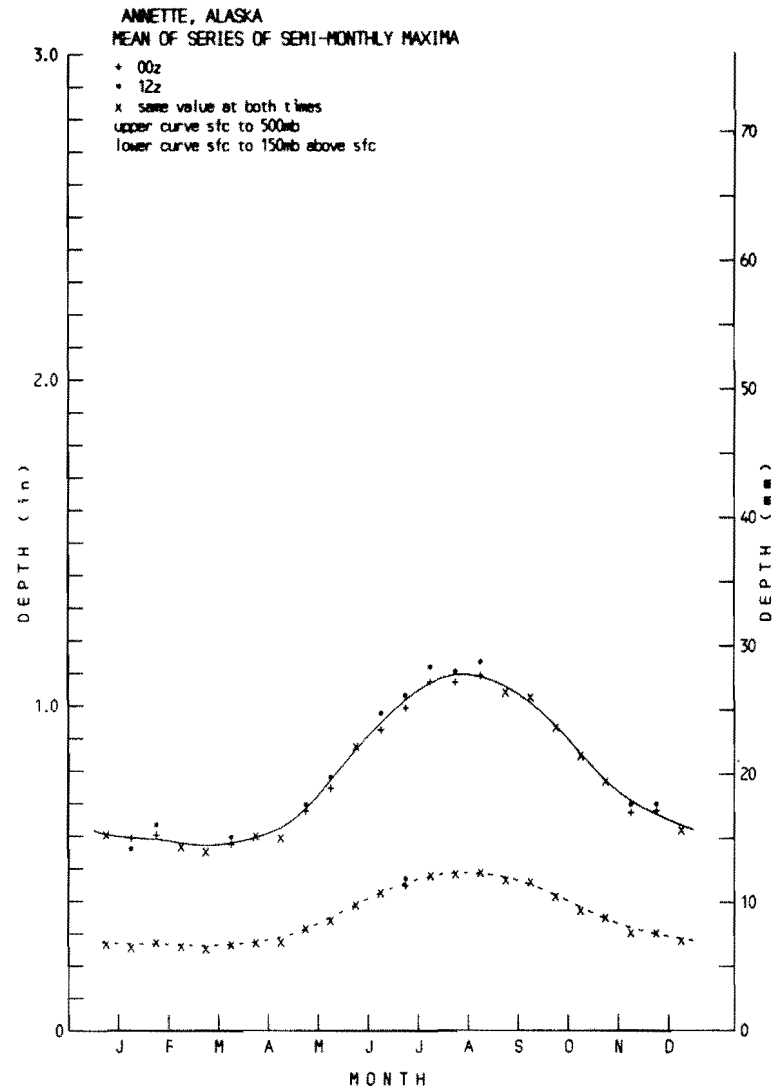
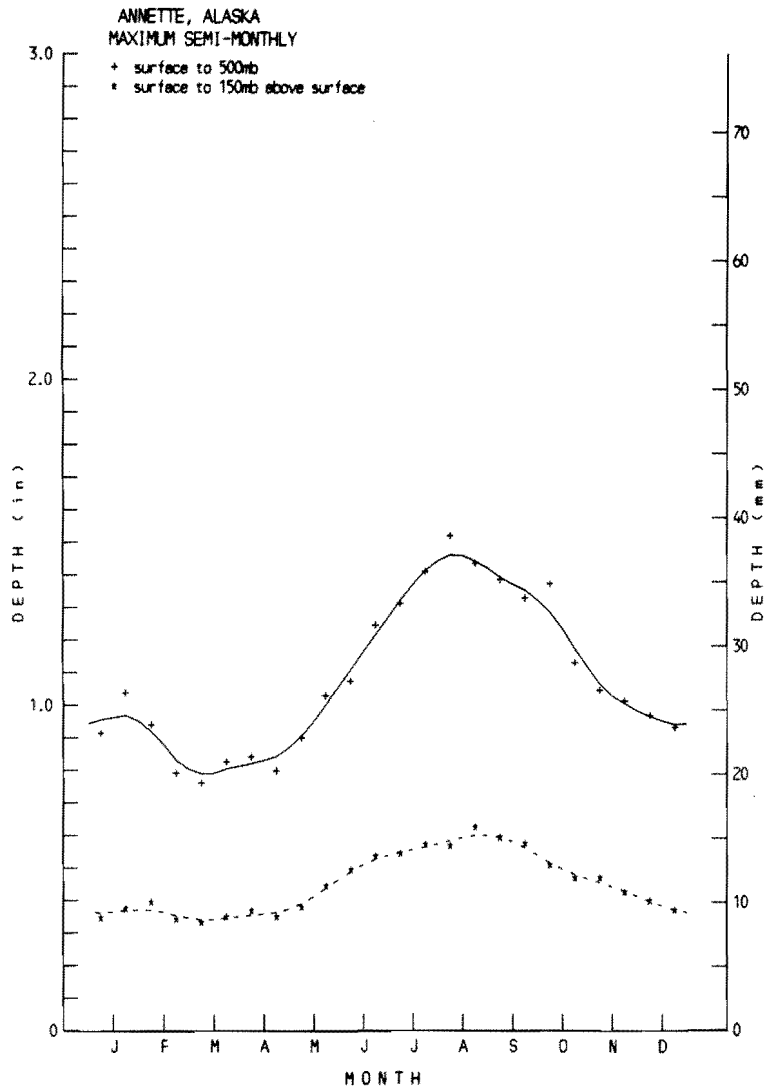
JAN-1	1.2642	(.4977)	69011512	.8012	(.3154)	.2437	(.0960)	.7866	(.3097)	.2809	(.1106)	JAN-1
2	1.2139	(.4779)	69011612	.8682	(.3418)	.1828	(.0720)	.8585	(.3380)	.1728	(.0680)	2
FEB-1	1.3485	(.5309)	70021012	.9538	(.3755)	.2404	(.0946)	.9210	(.3626)	.2145	(.0845)	FEB-1
2	1.1026	(.4341)	58022200	.8434	(.3320)	.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)	.2654	(.0966)	2



ANCHORAGE, ALASKA

20 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED				MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z)				MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 12Z(15Z)				MONTH
MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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)	.1555	(.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 20 YEARS OF RECORD

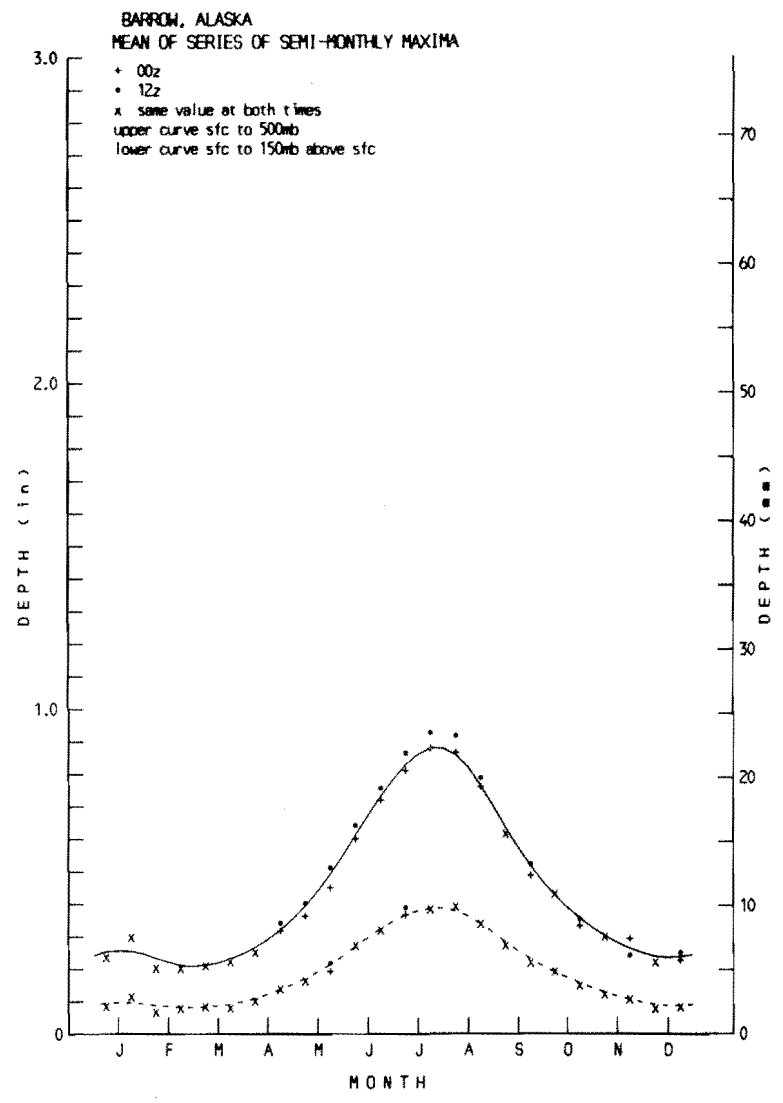
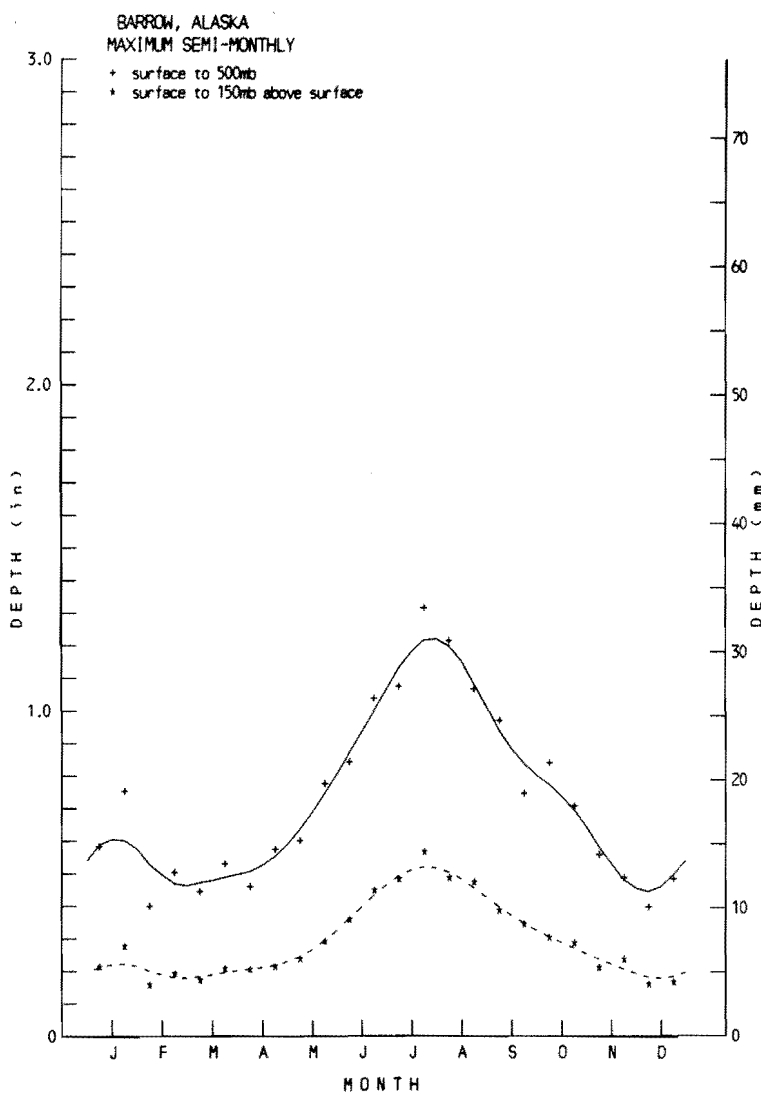
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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

20 YEARS OF RECORD

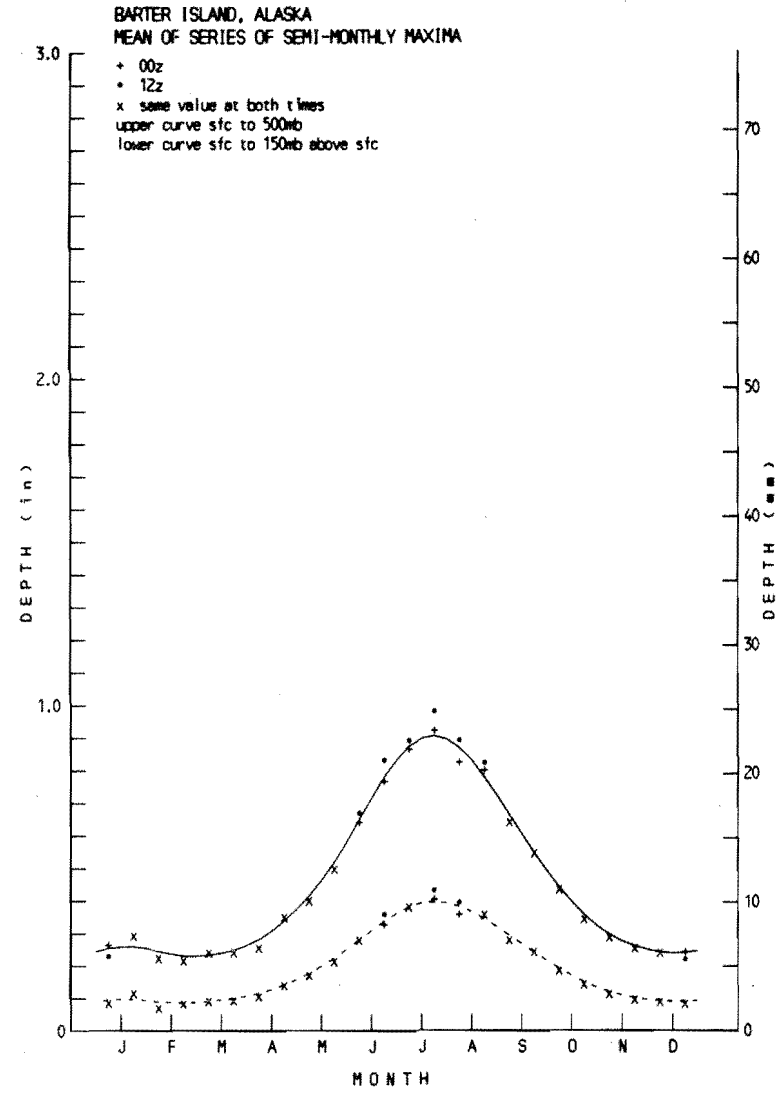
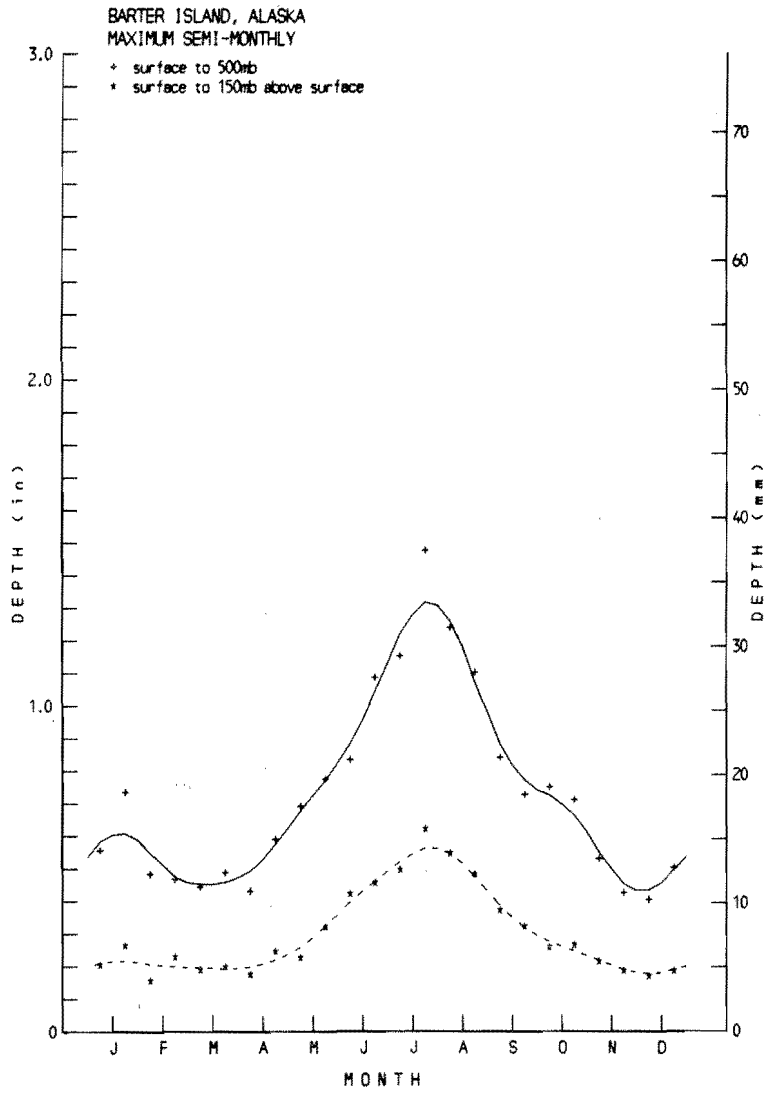
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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 17 YEARS OF RECORD

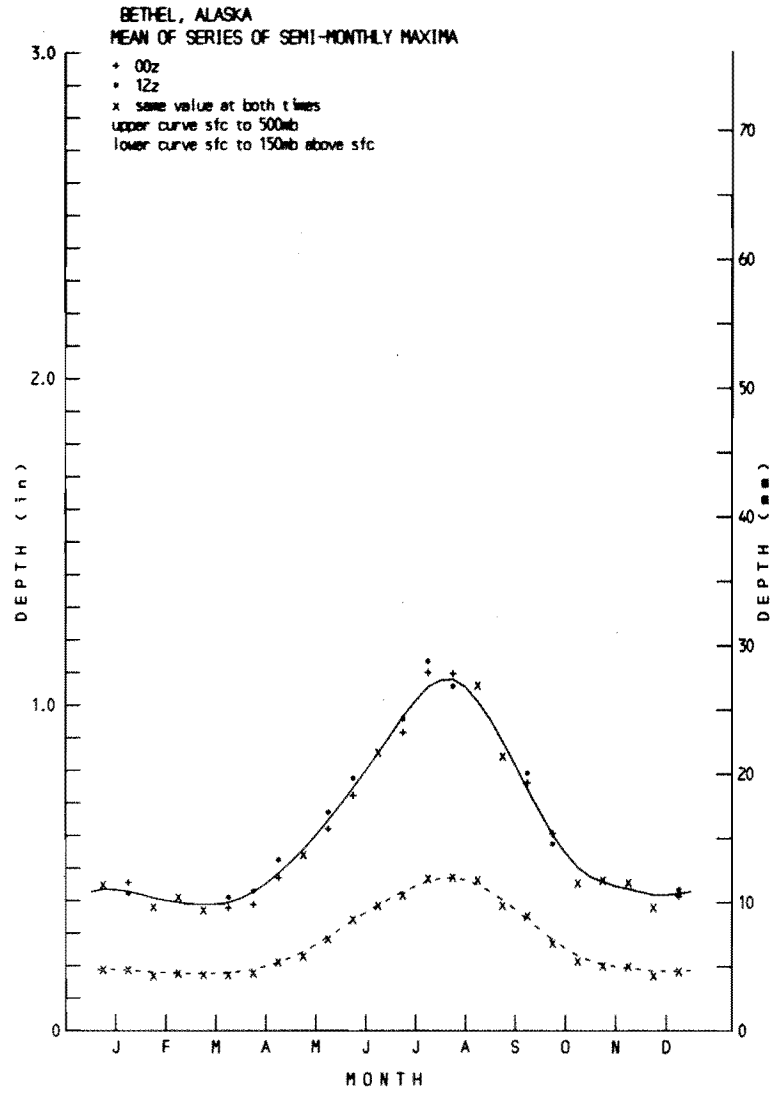
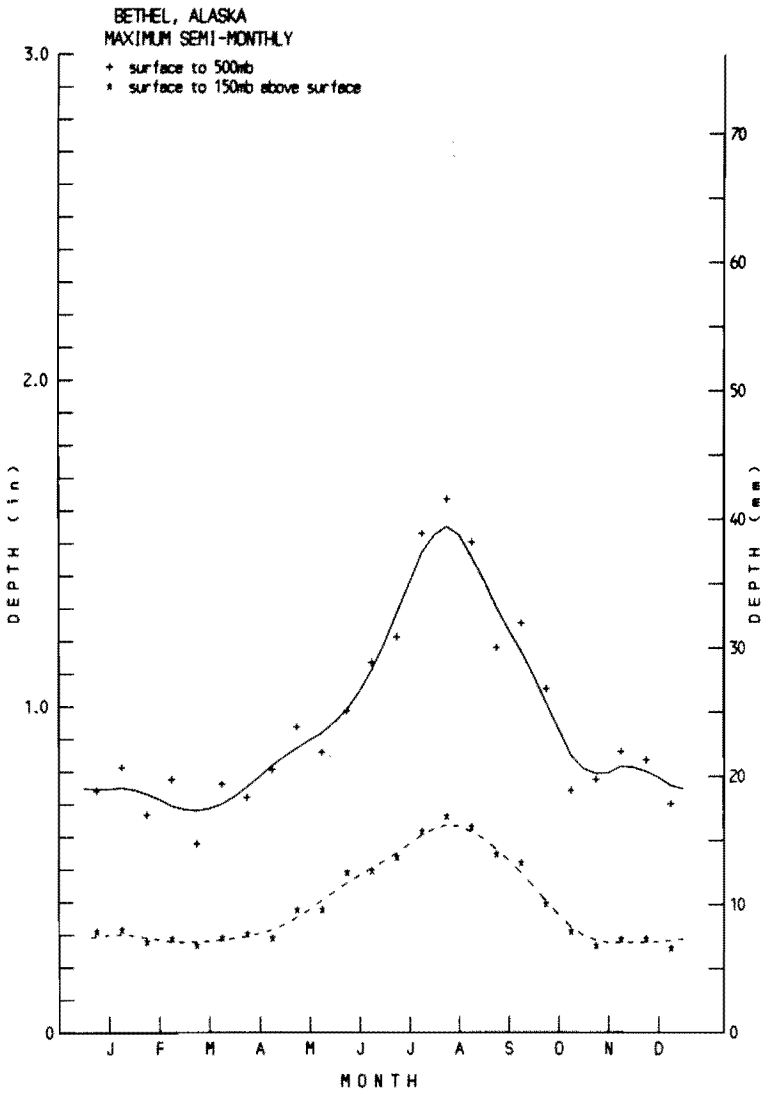
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	.8965	(.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



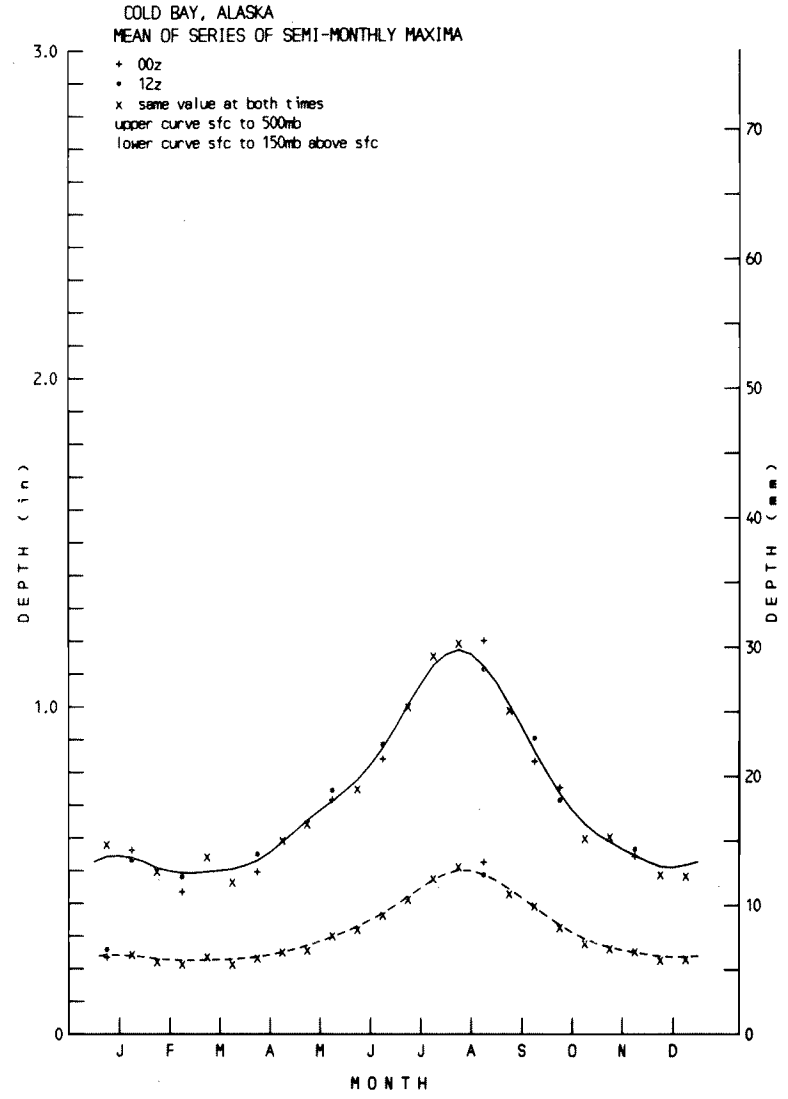
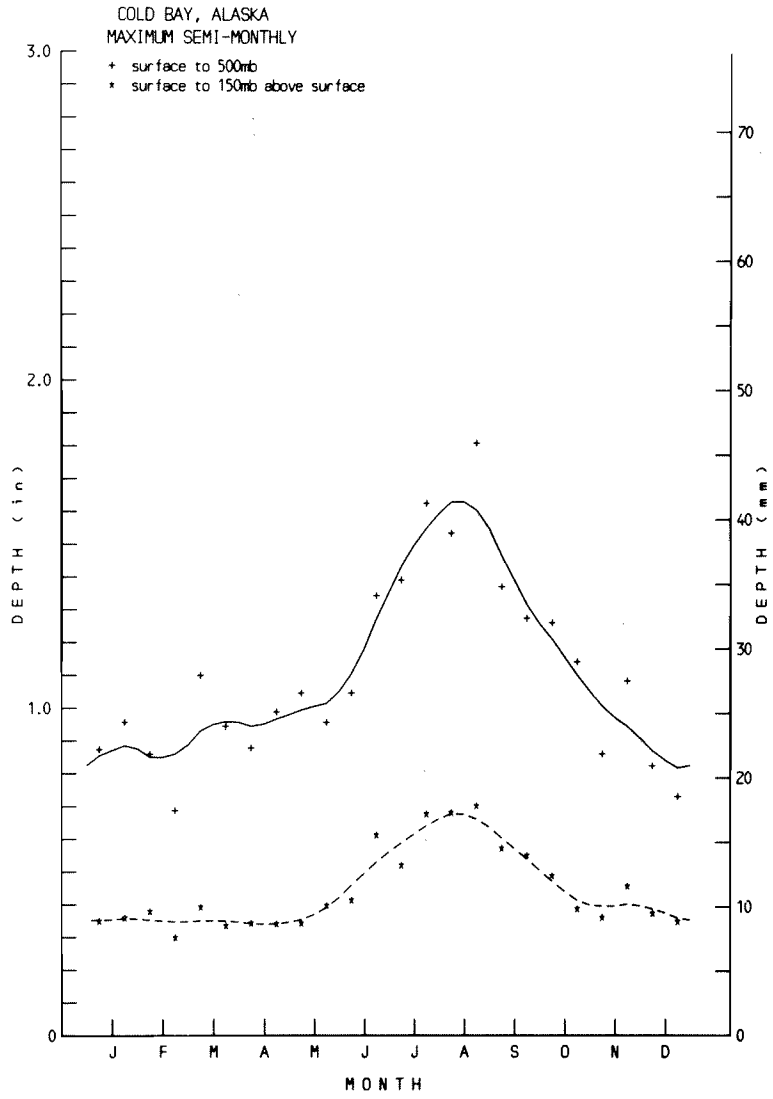
BETHEL, ALASKA 20 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
 00Z(03Z) AND 12Z(15Z) COMBINED 00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.3515)	.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 18 YEARS OF RECORD

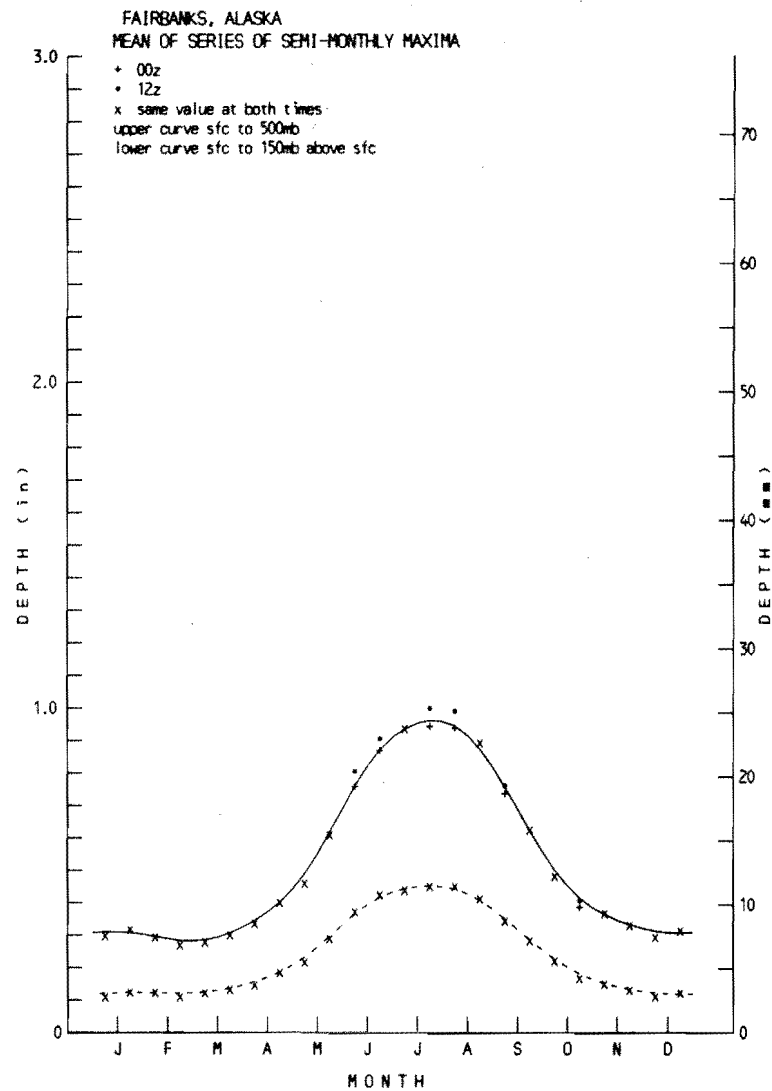
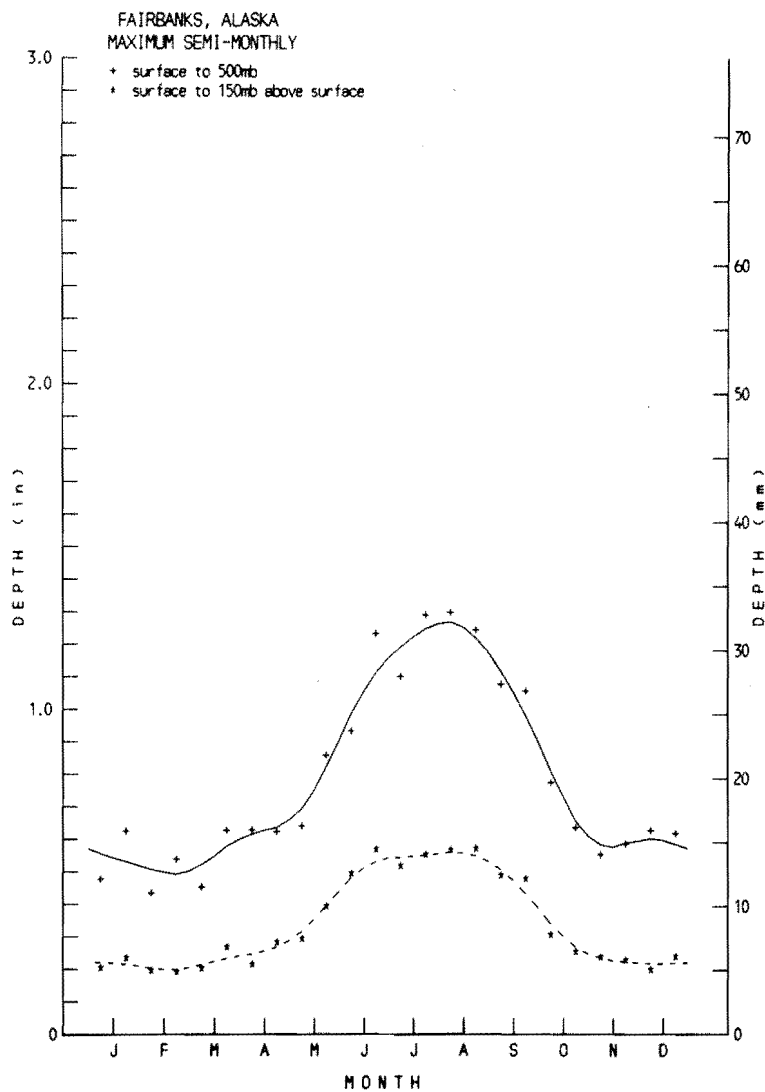
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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

20 YEARS OF RECORD

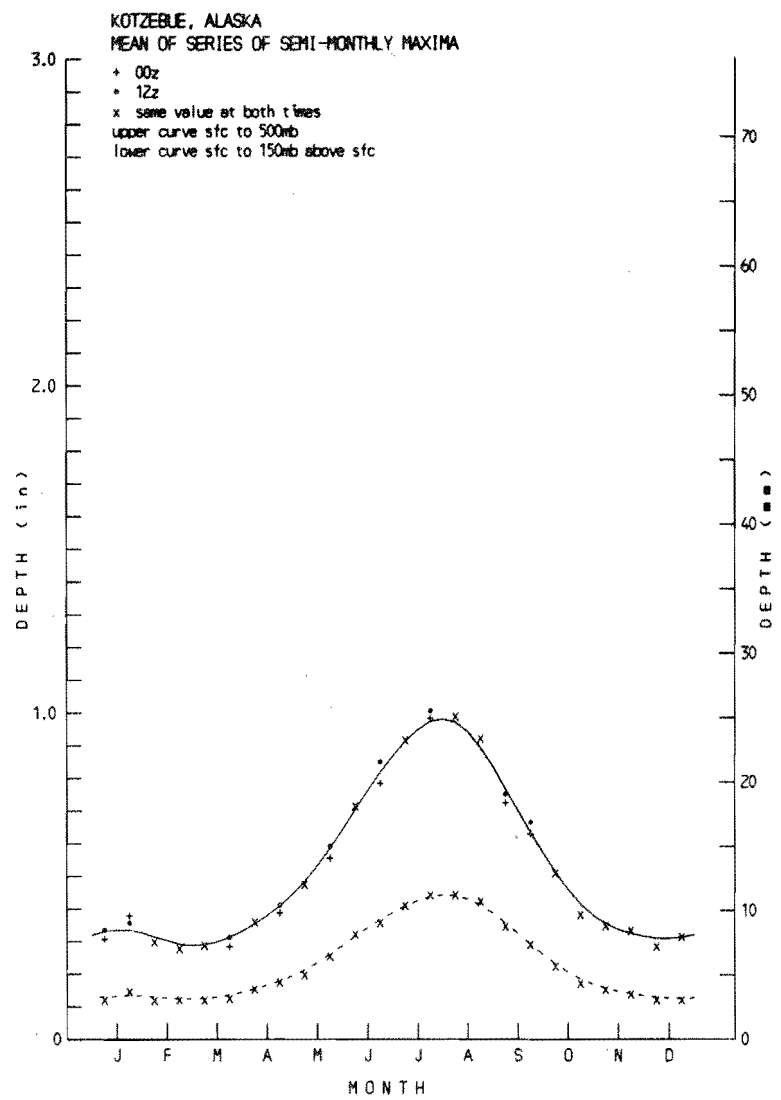
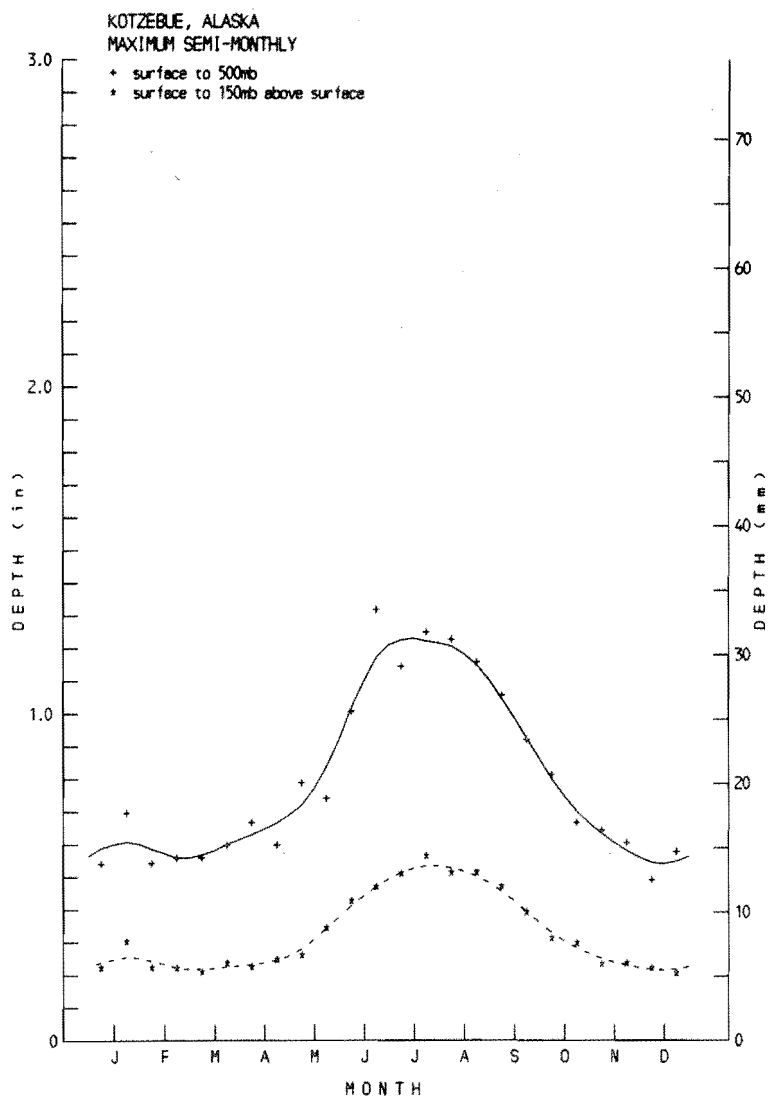
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.2551)	.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

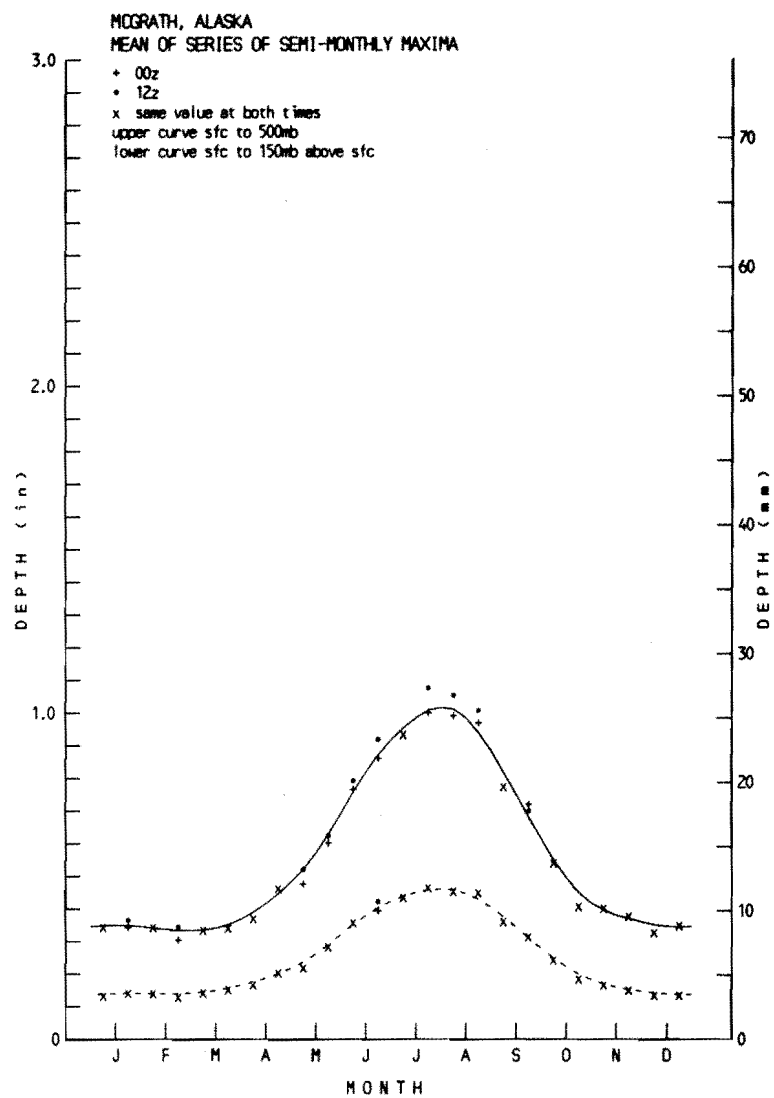
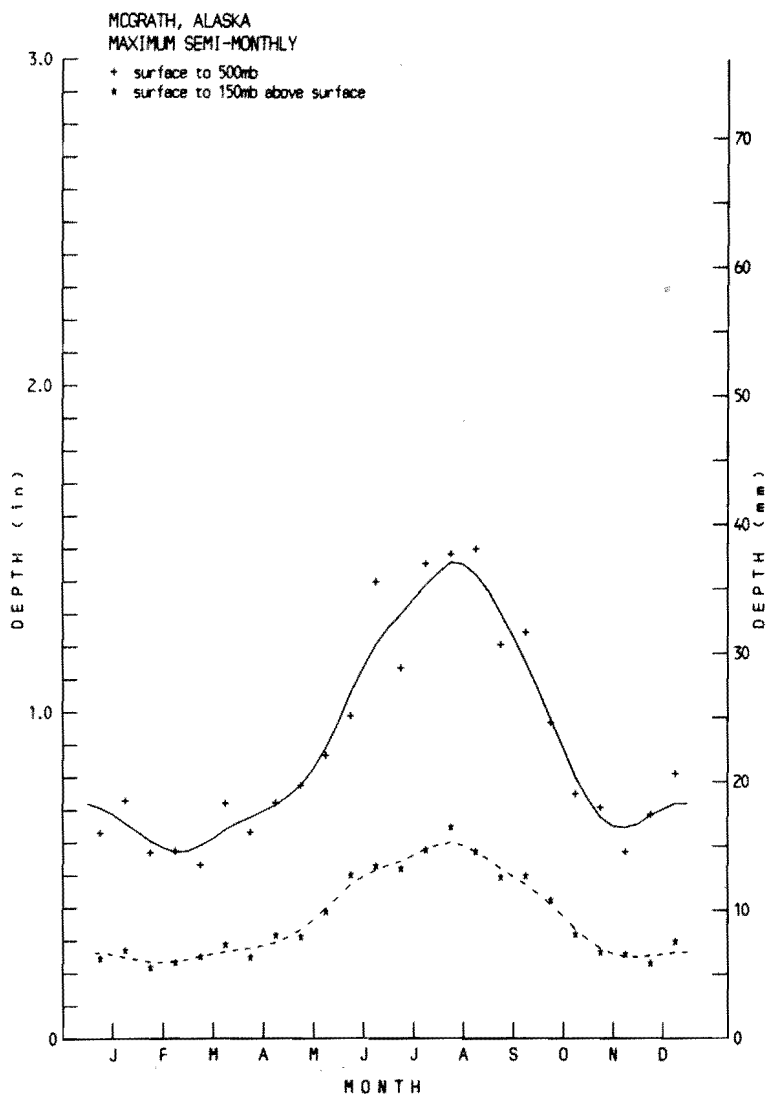
20 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINEDMEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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

20 YEARS OF RECORD

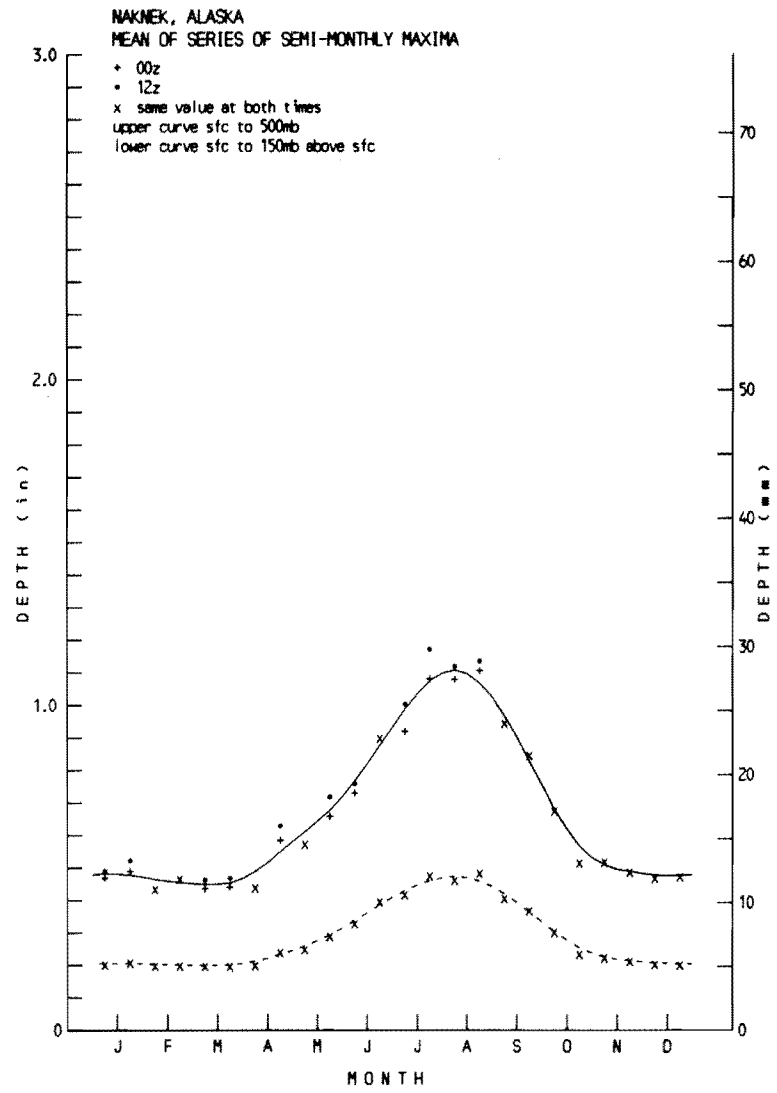
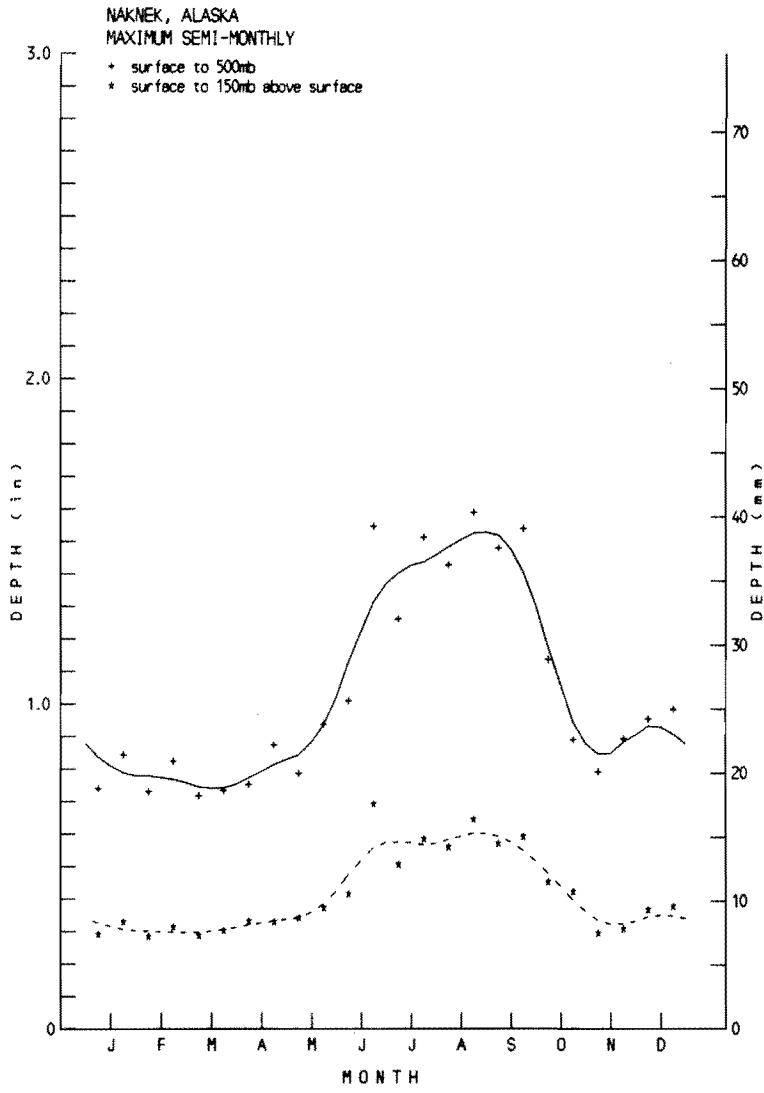
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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

17 YEARS OF RECORD

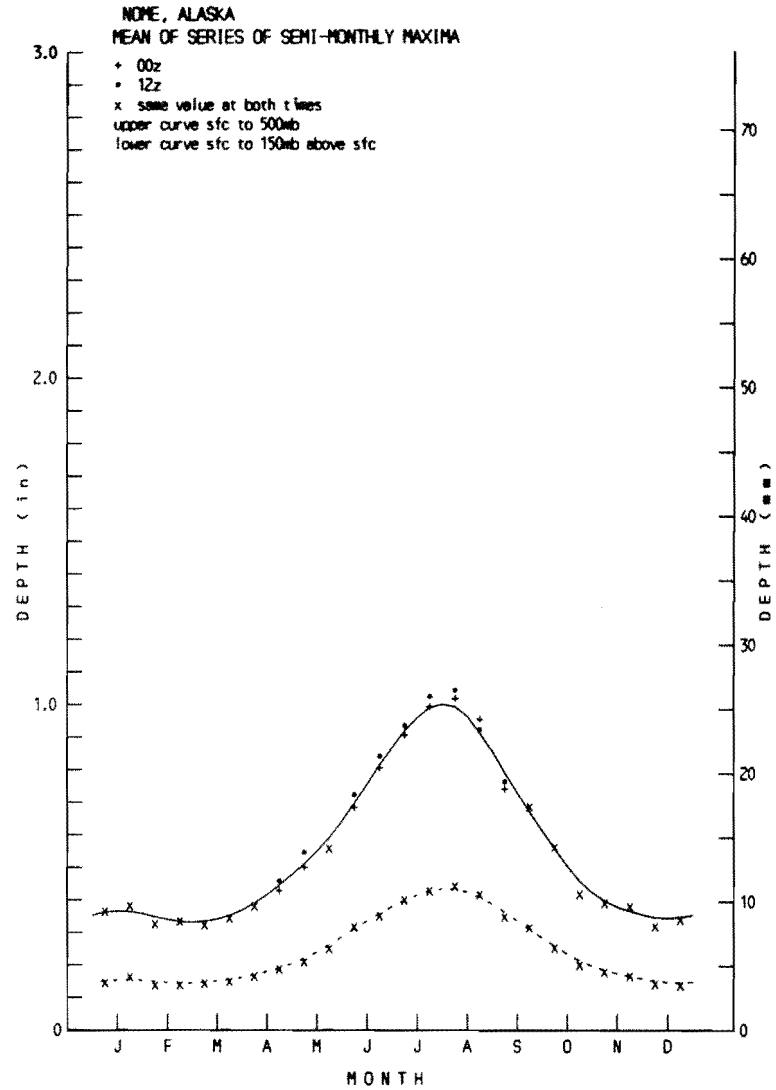
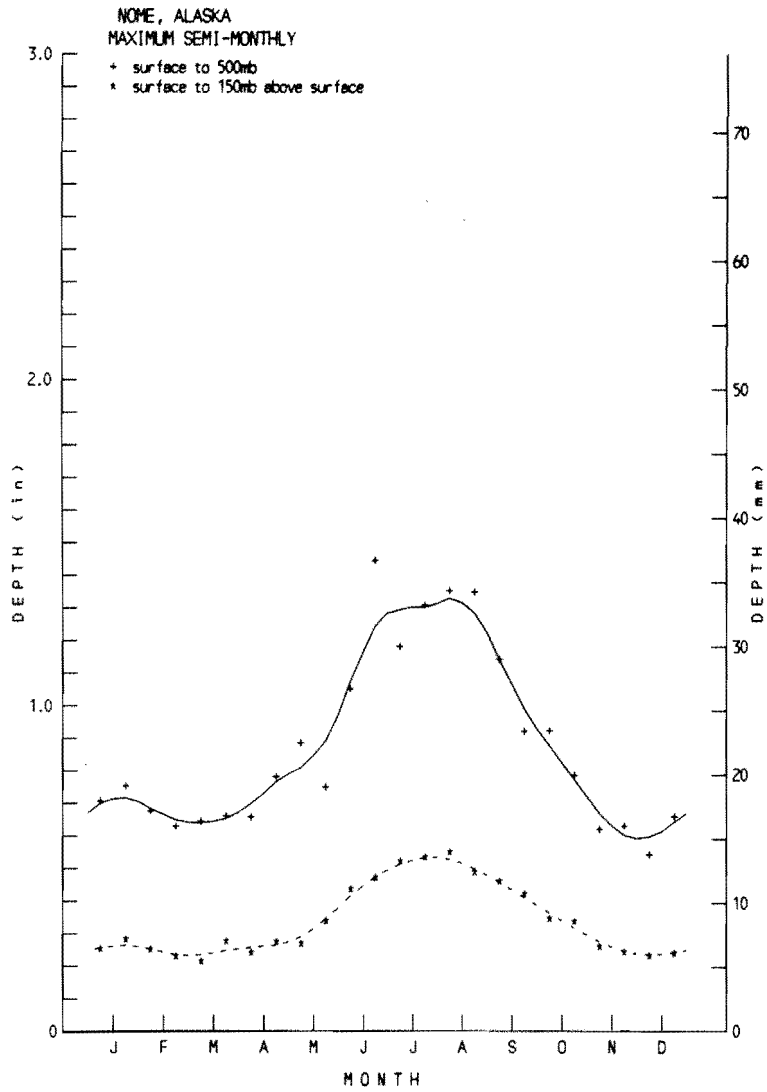
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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

20 Years of Record

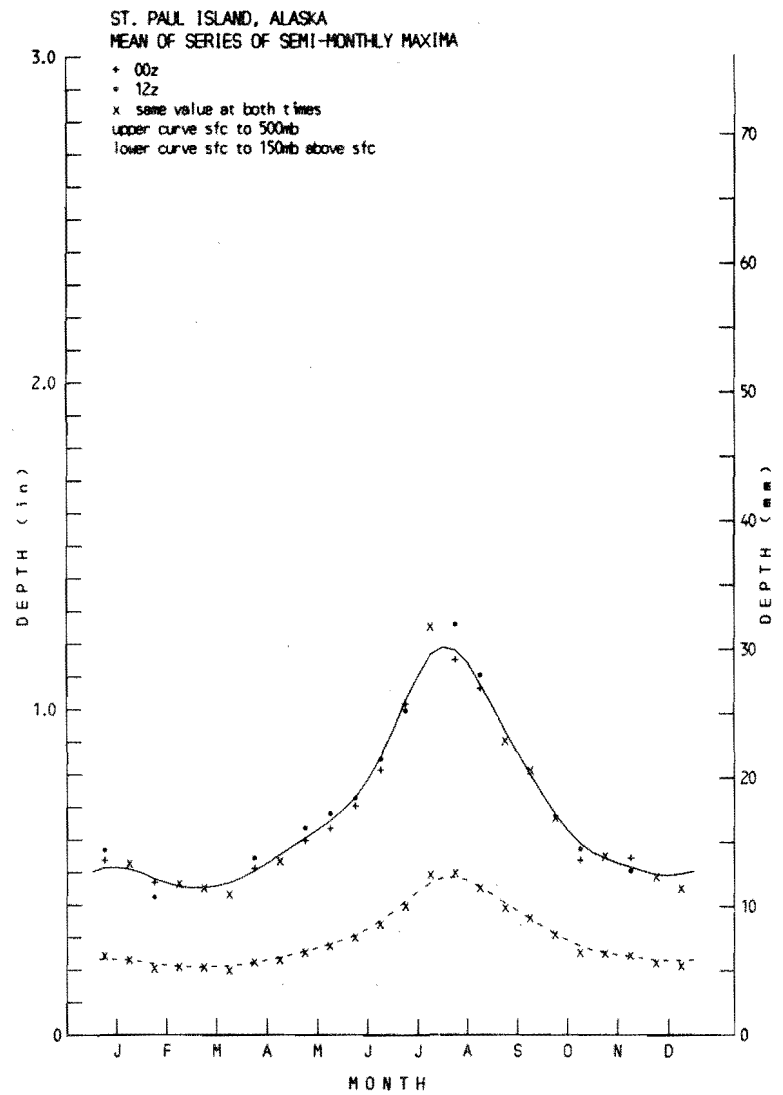
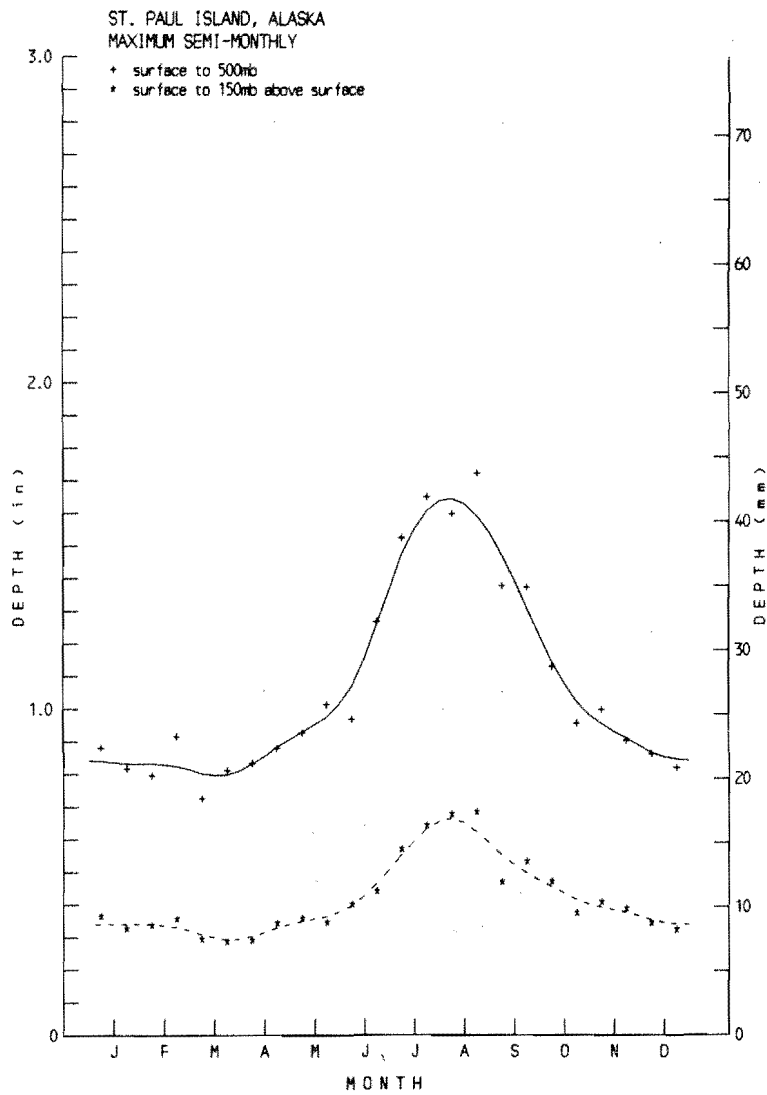
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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 20 YEARS OF RECORD

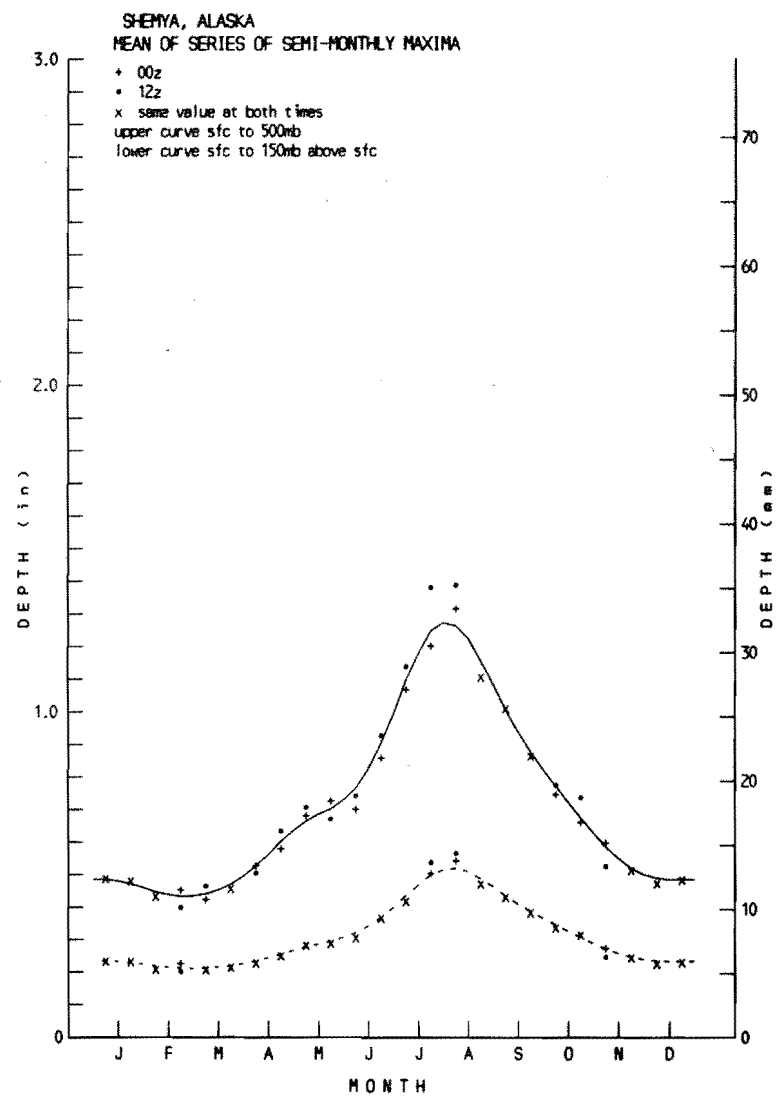
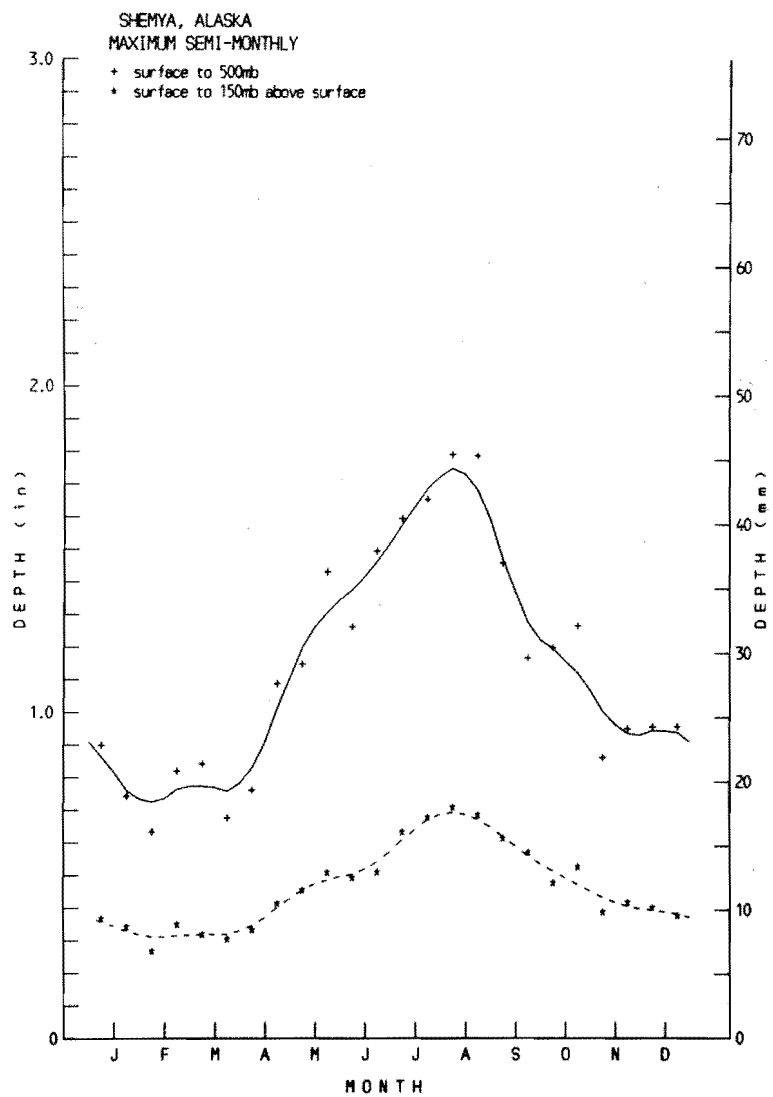
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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)	.3517	(.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	2.4402	(.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)	64111612	.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

20 YEARS OF RECORD

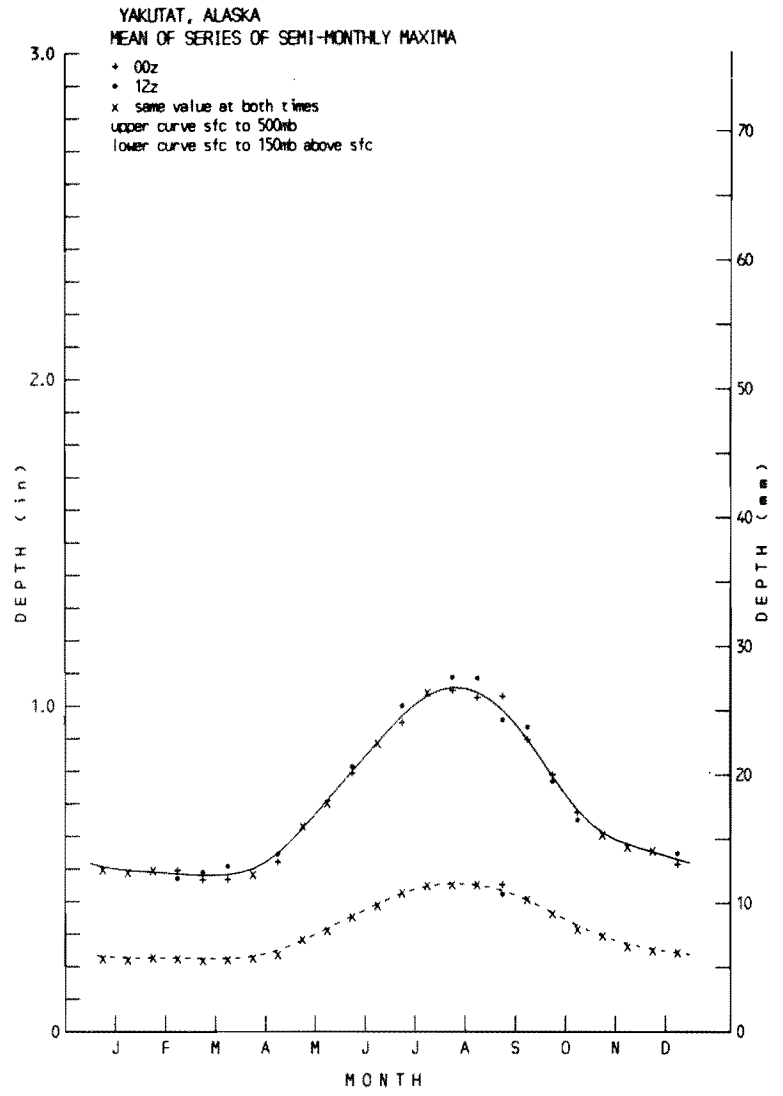
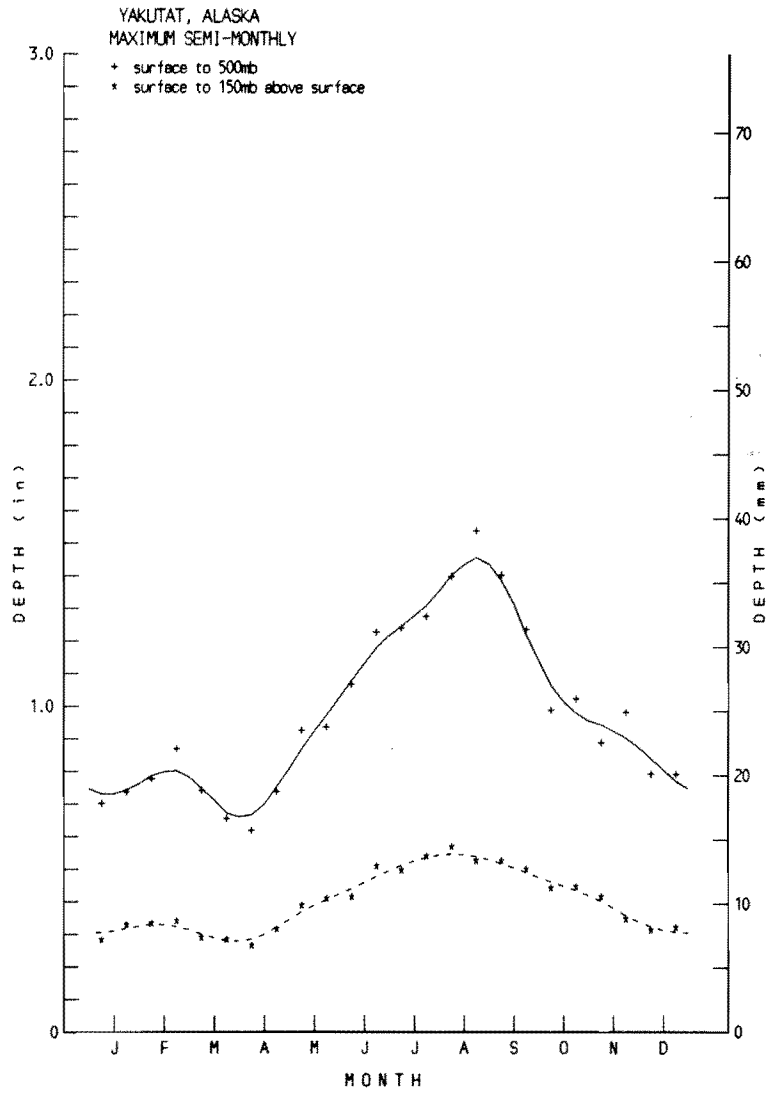
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.4525)	.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

20 YEARS OF RECORD

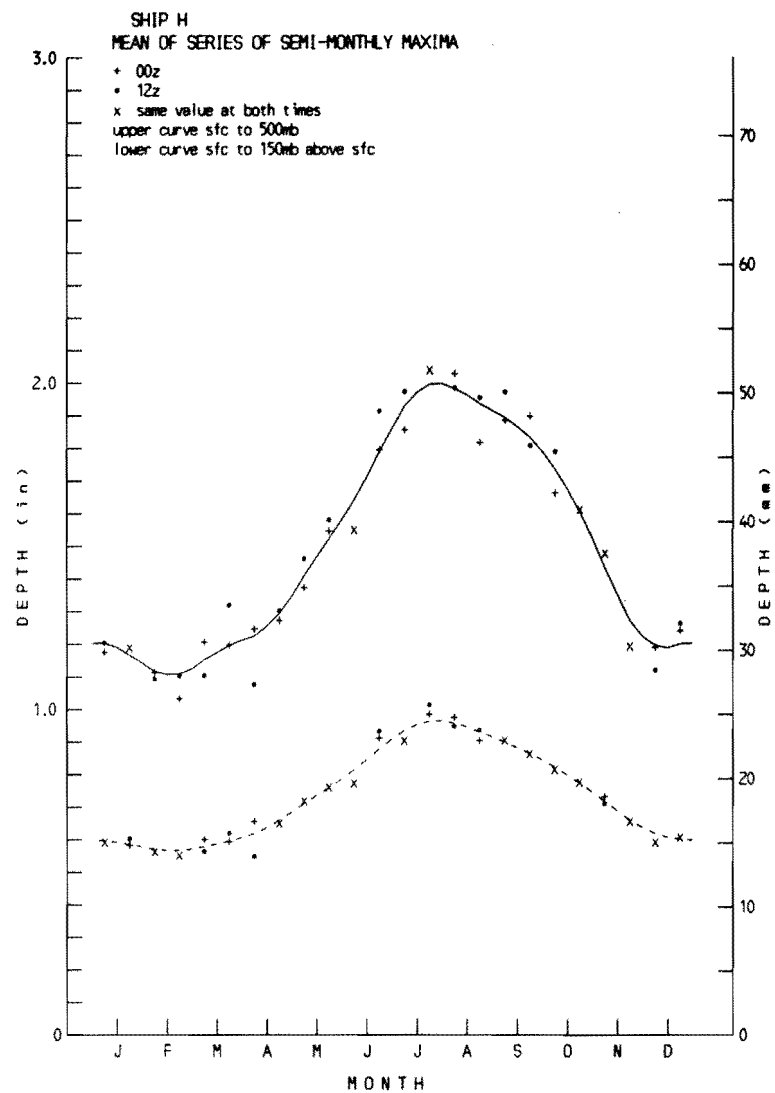
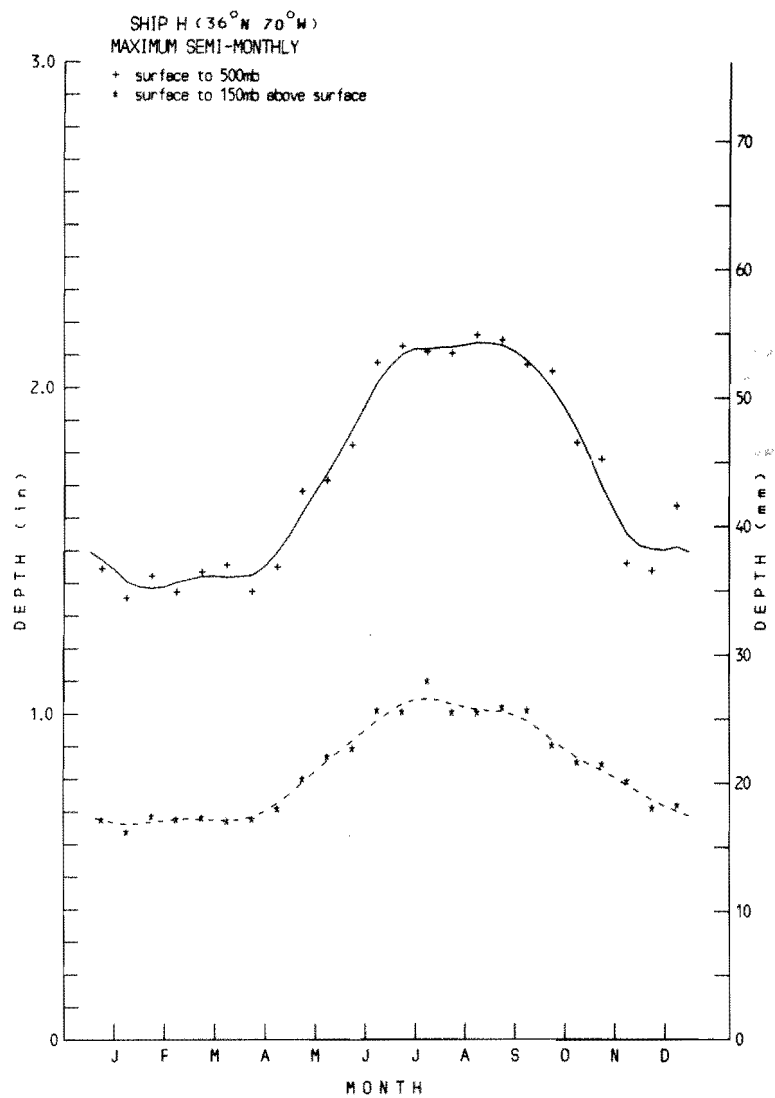
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD	MEAN		SD	MONTH		
	CM.	(IN.)		CM.	(IN.)		CM.	(IN.)			CM.	(IN.)
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	(.4385)	.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

5 YEARS OF RECORD

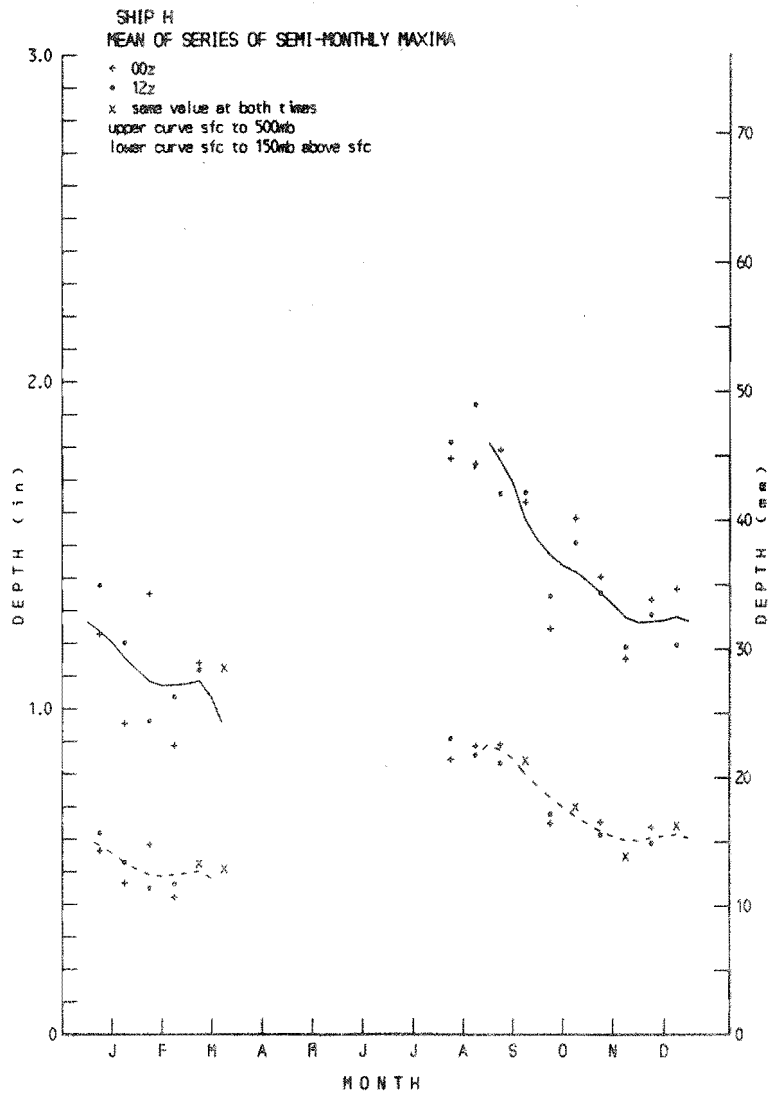
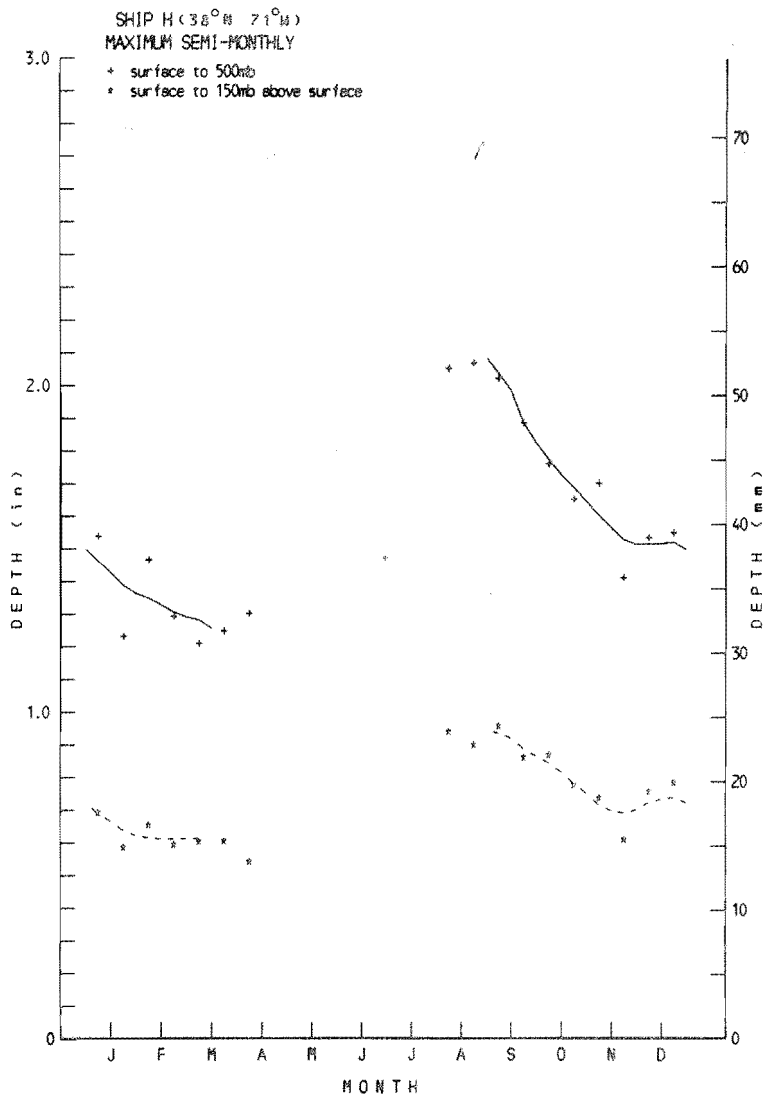
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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



SNIP H

3 YEARS OF RECORD

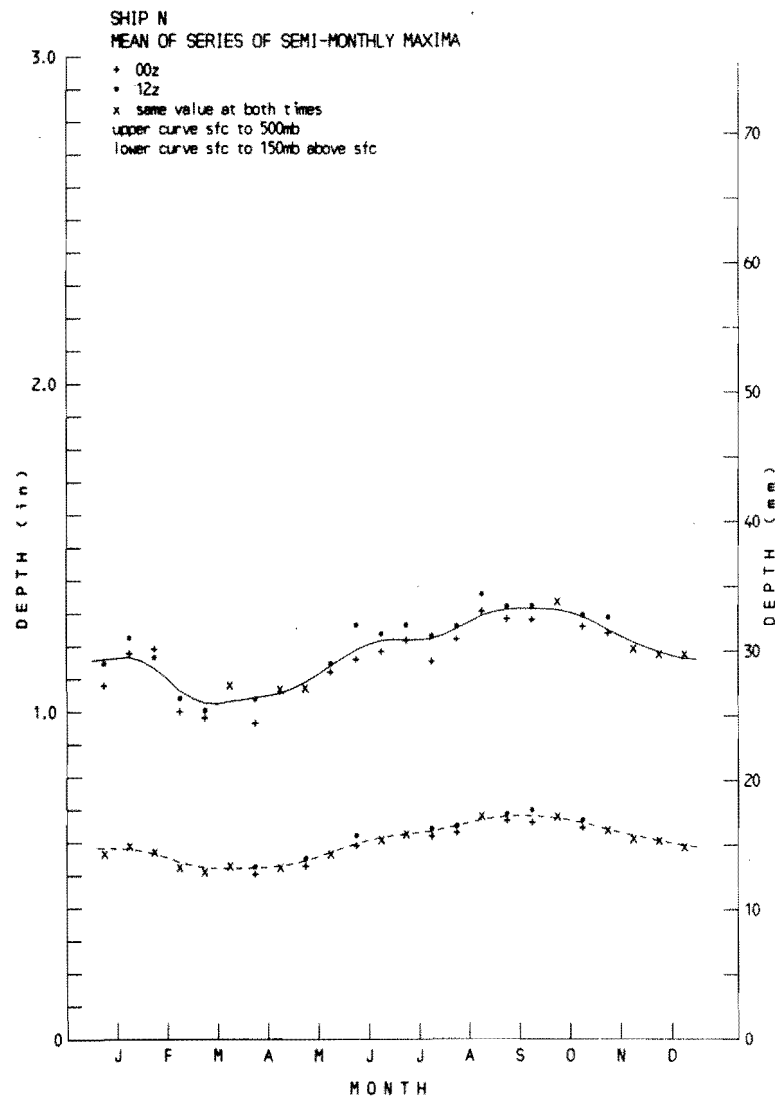
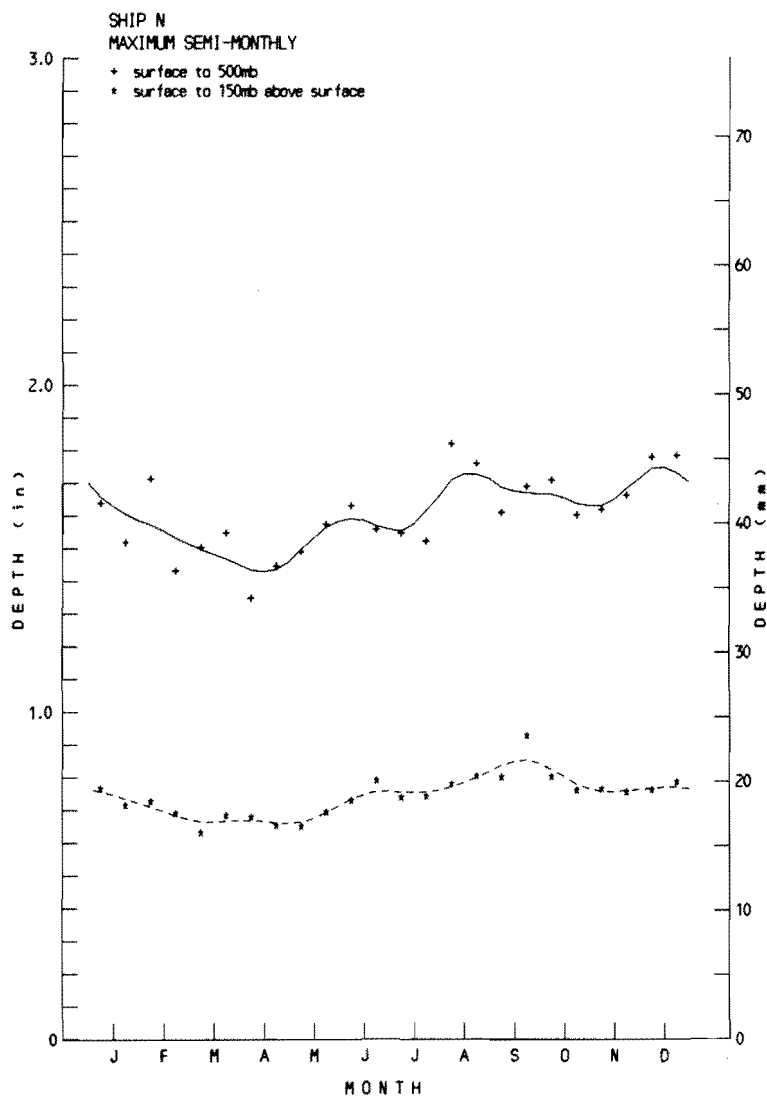
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
SURFACE TO 500MB												
JAN-1	3.9067	(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

27 YEARS OF RECORD

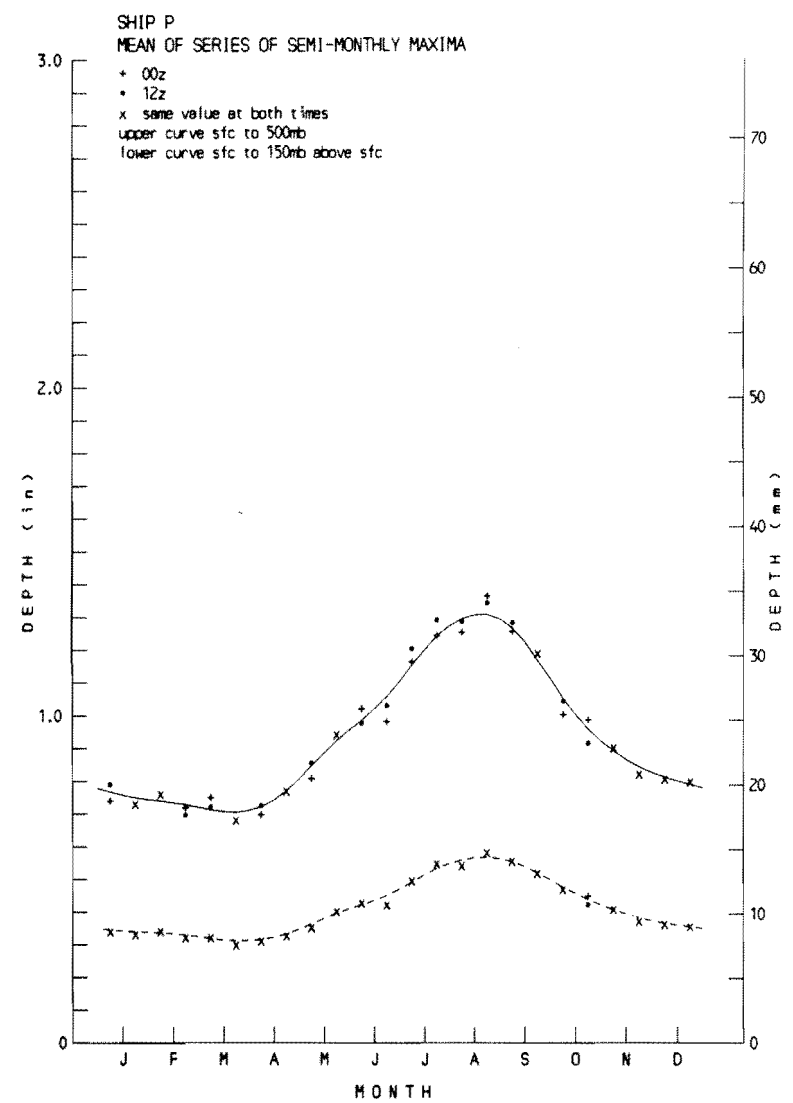
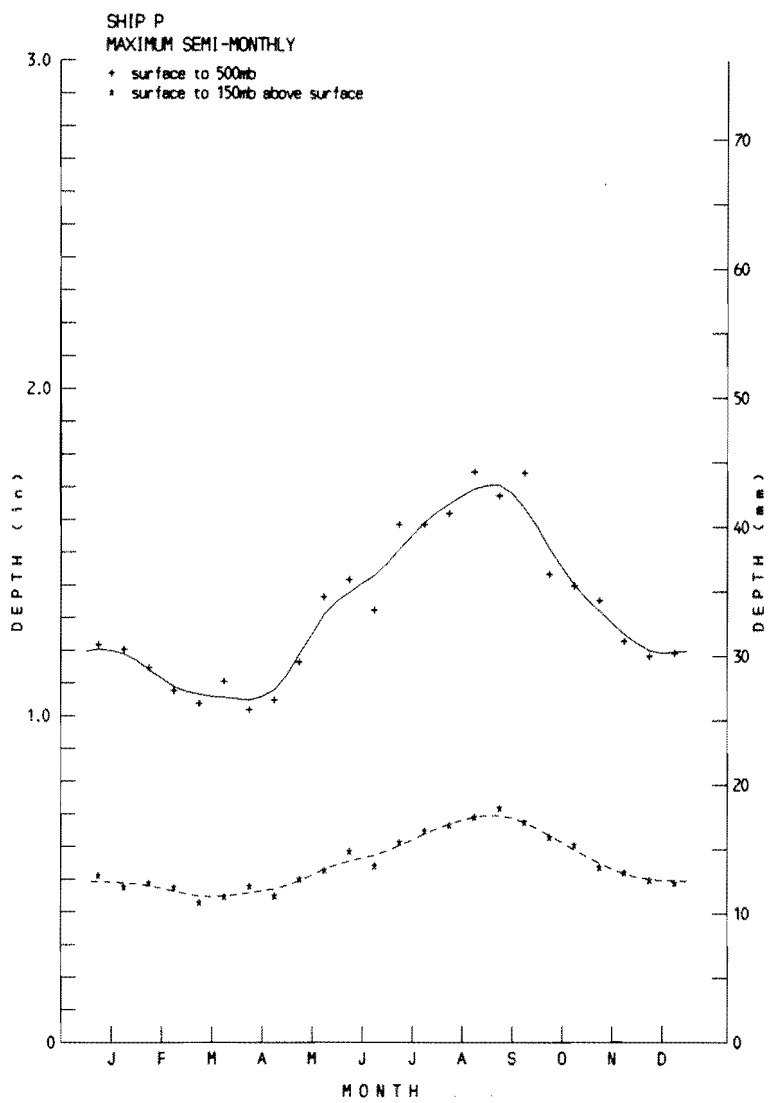
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

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 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	(1.6822)	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

26 YEARS OF RECORD

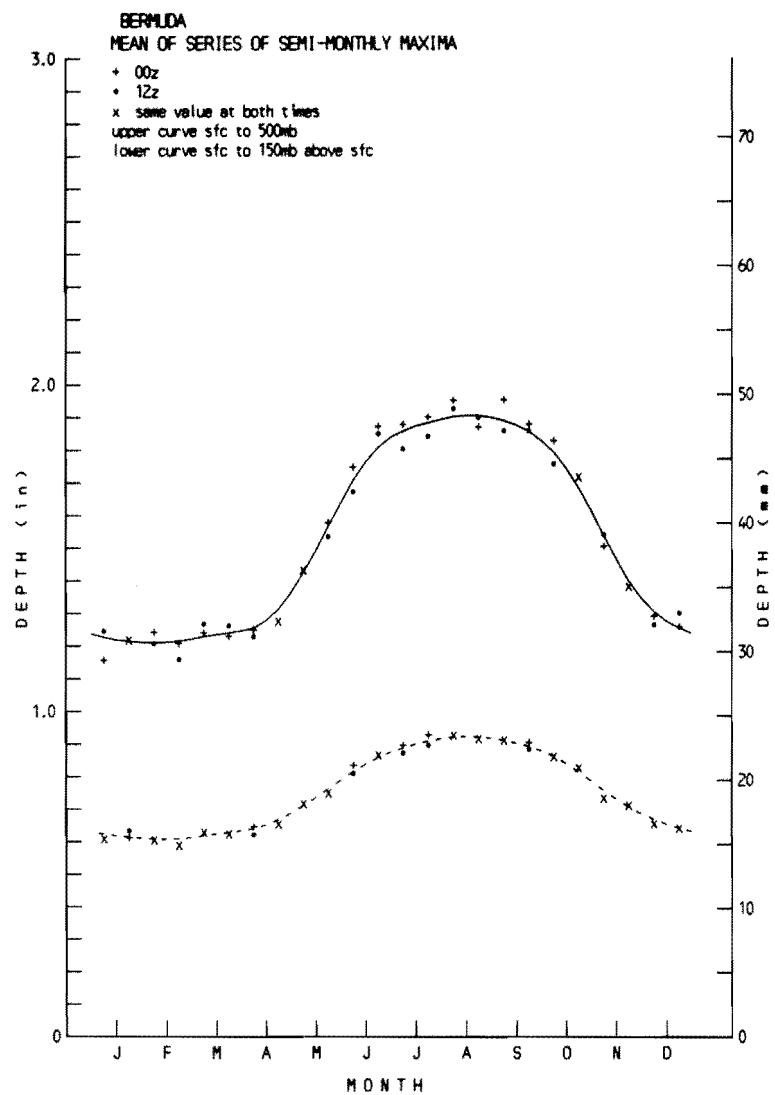
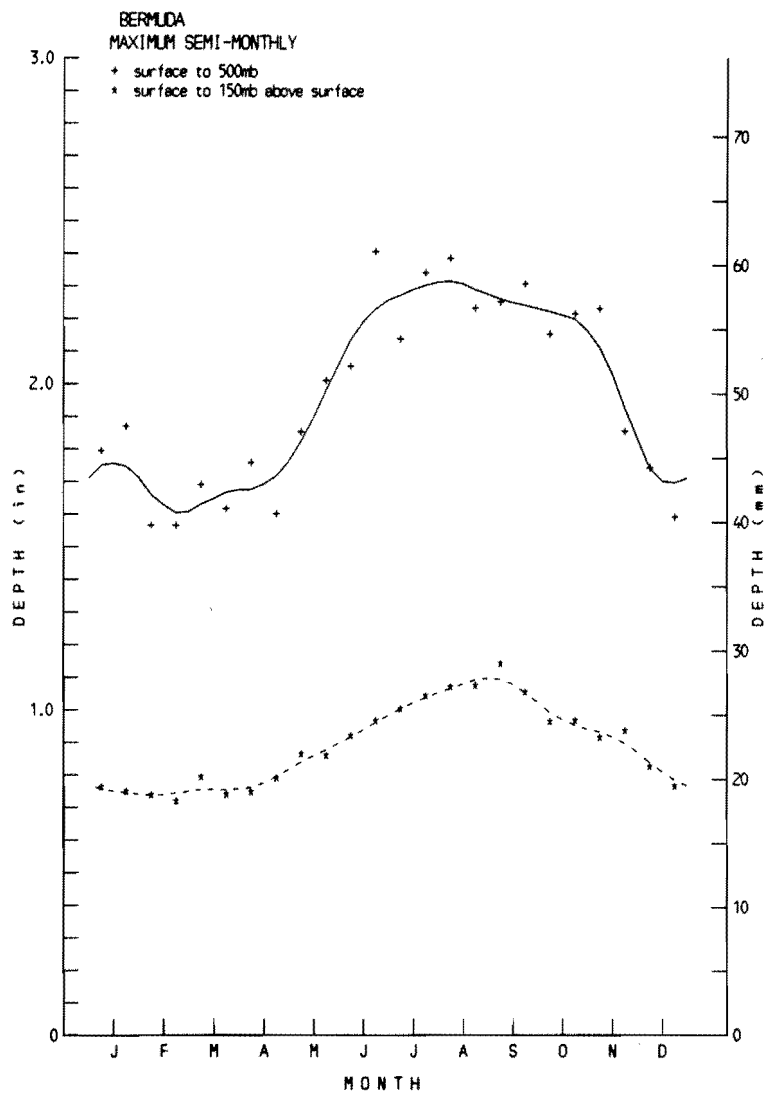
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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

27 YEARS OF RECORD

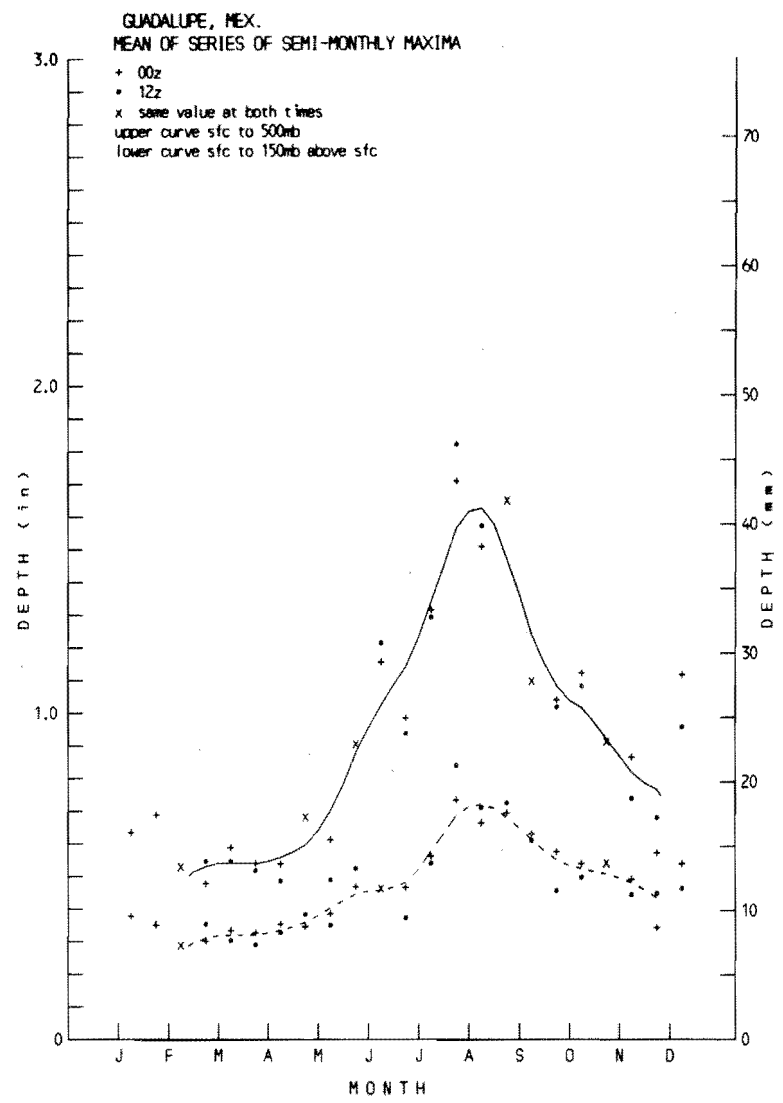
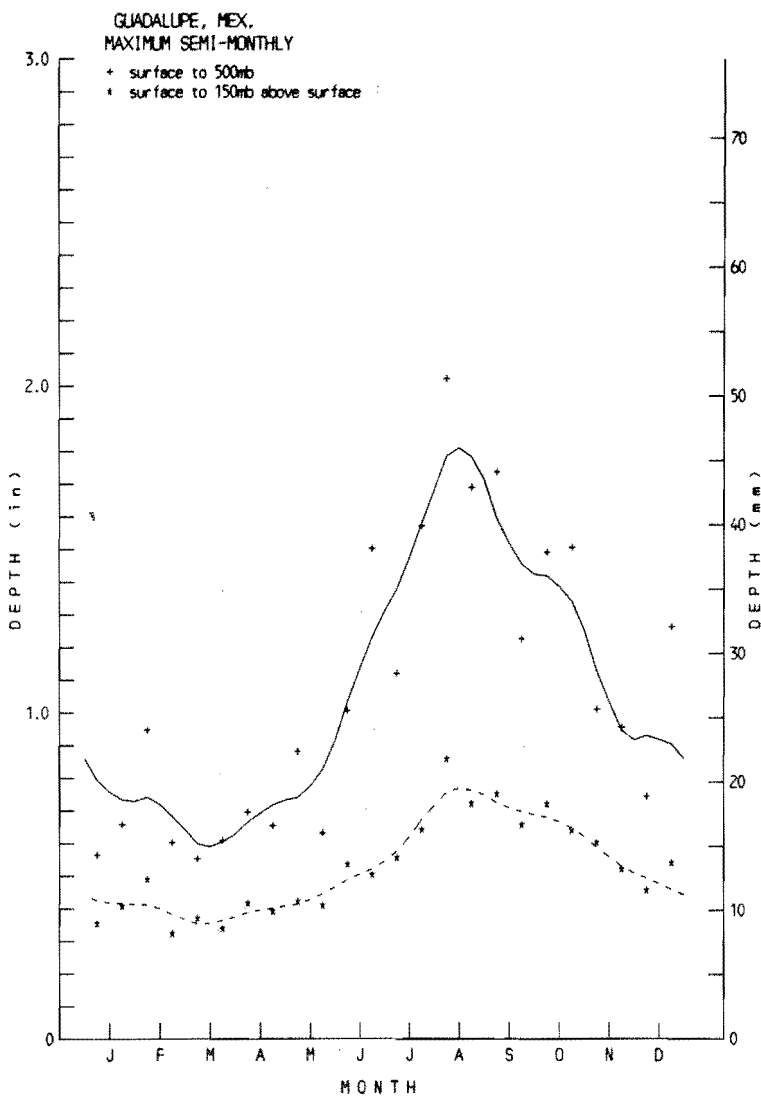
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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)	.5367	(.2149)	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.

2 YEARS OF RECORD

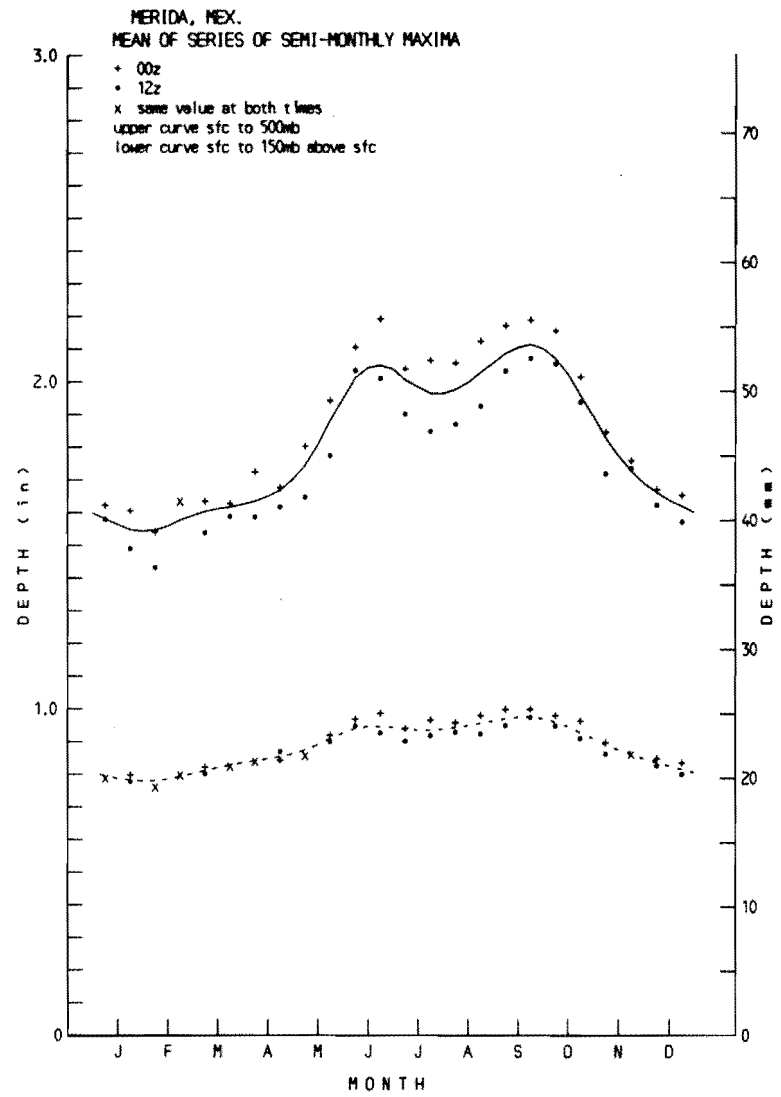
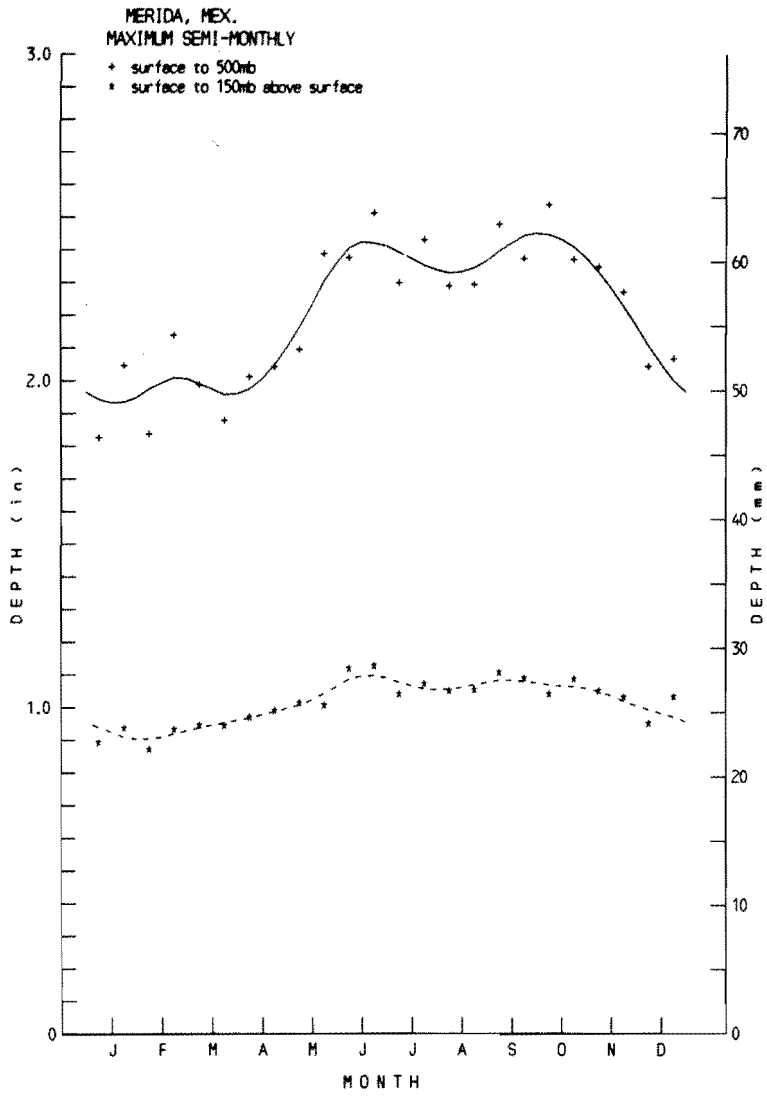
MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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. 18 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		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(1.5778)	.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

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

Table with columns: MONTH, MAXIMUM CM., (IN.), DATE, MEAN CM., (IN.), SD CM., (IN.), MEAN CM., (IN.), SD CM., (IN.), MONTH. Section: SURFACE TO 400MB.

Table with columns: MONTH, MAXIMUM CM., (IN.), DATE, MEAN CM., (IN.), SD CM., (IN.), MEAN CM., (IN.), SD CM., (IN.), MONTH. Section: SURFACE TO 700MB.

Table with columns: MONTH, MAXIMUM CM., (IN.), DATE, MEAN CM., (IN.), SD CM., (IN.), MEAN CM., (IN.), SD CM., (IN.), MONTH. Section: SURFACE TO 850MB.

ALBUQUERQUE, N. MEX. 27 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(032) AND 122(152) COMBINED 002(032) 122(152)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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

MAXIMUM SEMI-MONTHLY MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) AND 12Z(15Z) COMBINED 00Z(03Z) 12Z(15Z)

Table with columns: MONTH, MAXIMUM CM. (IN.), DATE, MEAN CM. (IN.), SD CM. (IN.), MEAN CM. (IN.), SD CM. (IN.), MONTH. Rows include JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1 with two entries per month.

SURFACE TO 400MB

Table with columns: MONTH, MAXIMUM CM. (IN.), DATE, MEAN CM. (IN.), SD CM. (IN.), MEAN CM. (IN.), SD CM. (IN.), MONTH. Rows include JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1 with two entries per month.

SURFACE TO 850MB

Table with columns: MONTH, MAXIMUM CM. (IN.), DATE, MEAN CM. (IN.), SD CM. (IN.), MEAN CM. (IN.), SD CM. (IN.), MONTH. Rows include JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1 with two entries per month.

BISMARCK, N.D. 27 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

Table with columns: MONTH, MAXIMUM CH., MAXIMUM (IN.), DATE, MEAN CH., MEAN (IN.), SD CH., SD (IN.), MEAN CH., MEAN (IN.), SD CH., SD (IN.), MONTH. Sub-section: SURFACE TO 400MB

SURFACE TO 700MB

Table with columns: MONTH, MAXIMUM CH., MAXIMUM (IN.), DATE, MEAN CH., MEAN (IN.), SD CH., SD (IN.), MEAN CH., MEAN (IN.), SD CH., SD (IN.), MONTH. Sub-section: SURFACE TO 700MB

SURFACE TO 850MB

Table with columns: MONTH, MAXIMUM CH., MAXIMUM (IN.), DATE, MEAN CH., MEAN (IN.), SD CH., SD (IN.), MEAN CH., MEAN (IN.), SD CH., SD (IN.), MONTH. Sub-section: SURFACE TO 850MB

BOISE, IDA. 27 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY 002(032) AND 122(152) COMBINED MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 002(032) 122(152)

MONTH MAXIMUM CM. (IN.) DATE MEAN CM. (IN.) SD CM. (IN.) MEAN CM. (IN.) SD CM. (IN.) MONTH

SURFACE TO 400MB

Table with columns: MONTH, MAXIMUM CM. (IN.), DATE, MEAN CM. (IN.), SD CM. (IN.), MEAN CM. (IN.), SD CM. (IN.), MONTH. Rows include JAN-1 to DEC-2 with data for 2 days per month.

SURFACE TO 700MB

Table with columns: MONTH, MAXIMUM CM. (IN.), DATE, MEAN CM. (IN.), SD CM. (IN.), MEAN CM. (IN.), SD CM. (IN.), MONTH. Rows include JAN-1 to DEC-2 with data for 2 days per month.

SURFACE TO 850MB

Table with columns: MONTH, MAXIMUM CM. (IN.), DATE, MEAN CM. (IN.), SD CM. (IN.), MEAN CM. (IN.), SD CM. (IN.), MONTH. Rows include JAN-1 to DEC-2 with data for 2 days per month.

BROWNSVILLE, TEX. 27 YEARS OF RECORD

Table with columns: MONTH, MAXIMUM (IN.), DATE, MEAN (IN.), SD (IN.), MEAN (IN.), SD (IN.), MONTH. It is divided into three sections: SURFACE TO 400MB, SURFACE TO 700MB, and SURFACE TO 850MB. Each section contains monthly data from JAN-1 to DEC-2 for years 1990-1992.

SURRWOOD-BOOTHVILLE, LA. 27 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

Table with columns: MONTH, MAXIMUM CM. (IN.), DATE, MEAN CM. (IN.), SD CM. (IN.), MEAN CM. (IN.), SD CM. (IN.), MONTH. Rows include months from JAN-1 to DEC-2 for SURFACE TO 400MB.

SURFACE TO 700MB

Table with columns: MONTH, MAXIMUM CM. (IN.), DATE, MEAN CM. (IN.), SD CM. (IN.), MEAN CM. (IN.), SD CM. (IN.), MONTH. Rows include months from JAN-1 to DEC-2 for SURFACE TO 700MB.

SURFACE TO 850MB

Table with columns: MONTH, MAXIMUM CM. (IN.), DATE, MEAN CM. (IN.), SD CM. (IN.), MEAN CM. (IN.), SD CM. (IN.), MONTH. Rows include months from JAN-1 to DEC-2 for SURFACE TO 850MB.

CAPE HATTERAS, N. CAR. 27 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

Table with columns: MONTH, MAXIMUM CM., (IN.), DATE, MEAN CM., (IN.), SD CM., (IN.), MEAN CM., (IN.), SD CM., (IN.), MONTH. Section: SURFACE TO 400MB. Rows: JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1.

SURFACE TO 700MB

Table with columns: MONTH, MAXIMUM CM., (IN.), DATE, MEAN CM., (IN.), SD CM., (IN.), MEAN CM., (IN.), SD CM., (IN.), MONTH. Section: SURFACE TO 700MB. Rows: JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1.

SURFACE TO 850MB

Table with columns: MONTH, MAXIMUM CM., (IN.), DATE, MEAN CM., (IN.), SD CM., (IN.), MEAN CM., (IN.), SD CM., (IN.), MONTH. Section: SURFACE TO 850MB. Rows: JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1.

CARIBOU, ME. 27 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		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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)	2.6485	(1.0419)	.3577	(.1408)	SEP-1
2	3.2675	(1.2864)	58092600	2.4969	(.9830)	.4537	(.1786)	2.4306	(.9699)	.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)	64030715	.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)	.1518	(.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

CHINA LAKE, CAL. 15 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.	SD (IN.)	MEAN CM.	SD (IN.)	MONTH	
SURFACE TO 400MB									
GAPS AND SHORT RECORD									
JAN-1	2.0780	(.8181)	53010915	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									
GAPS AND SHORT RECORD									
JAN-1	1.5141	(.5961)	53010915	.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									
GAPS AND SHORT RECORD									
JAN-1	.7028	(.2767)	53010915	.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

MAXIMUM SEMI-MONTHLY MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) AND 12Z(15Z) COMBINED 00Z(03Z) 12Z(15Z)

Table with columns for MONTH, MAXIMUM CM, INCHES, DATE, MEAN CM, INCHES, SD CM, INCHES, MEAN CM, INCHES, SD CM, INCHES, and MONTH. Data is presented in three sections: SURFACE TO 400MB, SURFACE TO 700MB, and SURFACE TO 850MB.

DAYTON, OHIO 21 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

Table with columns: MONTH, MAXIMUM CM., DATE, MEAN CM., SD CM., MEAN CM., SD CM., MONTH. Section: SURFACE TO 400MB. Rows: JAN-1 to DEC-2.

SURFACE TO 700MB

Table with columns: MONTH, MAXIMUM CM., DATE, MEAN CM., SD CM., MEAN CM., SD CM., MONTH. Section: SURFACE TO 700MB. Rows: JAN-1 to DEC-2.

SURFACE TO 850MB

Table with columns: MONTH, MAXIMUM CM., DATE, MEAN CM., SD CM., MEAN CM., SD CM., MONTH. Section: SURFACE TO 850MB. Rows: JAN-1 to DEC-2.

DENVER, COL. 24 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	1.1560	(.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	1.7313	(.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

ELY. NEV. 27 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	1.4491	(.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	2.9523	(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	(.9833)	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	(.2733)	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

FT. SMITH, ARK. 11 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY DATE MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) AND 12Z(15Z) COMBINED 00Z(03Z) 12Z(15Z)

Table with 12 columns: MONTH, MAXIMUM CM., MAXIMUM (IN.), DATE, MEAN CM., MEAN (IN.), SD CM., SD (IN.), MEAN CM., MEAN (IN.), SD CM., SD (IN.), MONTH. It is divided into three sections: SURFACE TO 400MB, SURFACE TO 700MB, and SURFACE TO 850MB. Each section contains monthly data for 11 years (JAN-1 to DEC-2).

GREENSBORO, N.C. 27 YEARS OF RECORD

Table with columns for MONTH, MAXIMUM (CM., IN.), DATE, MEAN (CM., IN.), SD (CM., IN.), MEAN (CM., IN.), SD (CM., IN.), MONTH. Section: SURFACE TO 400MB. Rows: JAN-1 to DEC-2.

Table with columns for MONTH, MAXIMUM (CM., IN.), DATE, MEAN (CM., IN.), SD (CM., IN.), MEAN (CM., IN.), SD (CM., IN.), MONTH. Section: SURFACE TO 700MB. Rows: JAN-1 to DEC-2.

Table with columns for MONTH, MAXIMUM (CM., IN.), DATE, MEAN (CM., IN.), SD (CM., IN.), MEAN (CM., IN.), SD (CM., IN.), MONTH. Section: SURFACE TO 850MB. Rows: JAN-1 to DEC-2.

HUNTINGTON, W. VA. 14 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) 12Z(15Z)

Table with columns: MONTH, MAXIMUM CM., MAXIMUM (IN.), DATE, MEAN CM., MEAN (IN.), SD CM., SD (IN.), MEAN CM., MEAN (IN.), SD CM., SD (IN.), MONTH. Section: SURFACE TO 400MB

Table with columns: MONTH, MAXIMUM CM., MAXIMUM (IN.), DATE, MEAN CM., MEAN (IN.), SD CM., SD (IN.), MEAN CM., MEAN (IN.), SD CM., SD (IN.), MONTH. Section: SURFACE TO 700MB

Table with columns: MONTH, MAXIMUM CM., MAXIMUM (IN.), DATE, MEAN CM., MEAN (IN.), SD CM., SD (IN.), MEAN CM., MEAN (IN.), SD CM., SD (IN.), MONTH. Section: SURFACE TO 850MB

JOLIET, ILL. 7 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

Table with columns: MONTH, MAXIMUM CM., DATE, MEAN CM., SD CM., MEAN (IN.), SD (IN.), MONTH. Rows include JAN-1 through DEC-1 for SURFACE TO 400MB.

SURFACE TO 700MB

Table with columns: MONTH, MAXIMUM CM., DATE, MEAN CM., SD CM., MEAN (IN.), SD (IN.), MONTH. Rows include JAN-1 through DEC-1 for SURFACE TO 700MB.

SURFACE TO 850MB

Table with columns: MONTH, MAXIMUM CM., DATE, MEAN CM., SD CM., MEAN (IN.), SD (IN.), MONTH. Rows include JAN-1 through DEC-1 for SURFACE TO 850MB.

LAKE CHARLES, LA. 27 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

Table with columns for MONTH, MAXIMUM CM., DATE, MEAN CM., SD CM., and MONTH. It contains data for SURFACE TO 400MB, organized by month from JAN-1 to DEC-1, with two observations per month.

SURFACE TO 700MB

Table with columns for MONTH, MAXIMUM CM., DATE, MEAN CM., SD CM., and MONTH. It contains data for SURFACE TO 700MB, organized by month from JAN-1 to DEC-1, with two observations per month.

SURFACE TO 850MB

Table with columns for MONTH, MAXIMUM CM., DATE, MEAN CM., SD CM., and MONTH. It contains data for SURFACE TO 850MB, organized by month from JAN-1 to DEC-1, with two observations per month.

LANDER, WYO. 27 YEARS OF RECORD

 MAXIMUM SEMI-MONTHLY MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
 00Z(03Z) AND 12Z(15Z) COMBINED 00Z(03Z) 12Z(15Z)

MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
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	(.6097)	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)	.2740	(.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

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

MAXIMUM SEMI-MONTHLY Z(032) AND 12Z(152) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(032) 12Z(152)

Table with columns: MONTH, MAXIMUM CM., DATE, MEAN CM., SD CM., MEAN CM., SD CM., MONTH. Section: SURFACE TO 400MB. Rows: JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1.

SURFACE TO 700MB

Table with columns: MONTH, MAXIMUM CM., DATE, MEAN CM., SD CM., MEAN CM., SD CM., MONTH. Section: SURFACE TO 700MB. Rows: JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1.

SURFACE TO 850MB

Table with columns: MONTH, MAXIMUM CM., DATE, MEAN CM., SD CM., MEAN CM., SD CM., MONTH. Section: SURFACE TO 850MB. Rows: JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1.

MIAMI, FLA. 27 YEARS OF RECORD

Table with columns for MONTH, MAXIMUM, DATE, MEAN, SD, MEAN, SD, MONTH. Subsections: SURFACE TO 400MB, SURFACE TO 700MB, SURFACE TO 850MB. Data includes monthly values for each month from January to December for each year from 1993 to 2002.

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

MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) 12Z(15Z)

Table with columns: MONTH, CM., MAXIMUM (IN.), DATE, CM., MEAN (IN.), CM., SD (IN.), CM., MEAN (IN.), CM., SD (IN.), MONTH. Section: SURFACE TO 400MB. Data for months JAN-1 to DEC-2.

Table with columns: MONTH, CM., MAXIMUM (IN.), DATE, CM., MEAN (IN.), CM., SD (IN.), CM., MEAN (IN.), CM., SD (IN.), MONTH. Section: SURFACE TO 700MB. Data for months JAN-1 to DEC-2.

Table with columns: MONTH, CM., MAXIMUM (IN.), DATE, CM., MEAN (IN.), CM., SD (IN.), CM., MEAN (IN.), CM., SD (IN.), MONTH. Section: SURFACE TO 850MB. Data for months JAN-1 to DEC-2.

OAKLAND, CAL. 27 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY
00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) 12Z(15Z)

Table with columns: MONTH, MAXIMUM CH., (IN.), DATE, MEAN CH., (IN.), SD CH., (IN.), MEAN CH., (IN.), SD CH., (IN.), MONTH. Data for SURFACE TO 400MB.

SURFACE TO 700MB

Table with columns: MONTH, MAXIMUM CH., (IN.), DATE, MEAN CH., (IN.), SD CH., (IN.), MEAN CH., (IN.), SD CH., (IN.), MONTH. Data for SURFACE TO 700MB.

SURFACE TO 850MB

Table with columns: MONTH, MAXIMUM CH., (IN.), DATE, MEAN CH., (IN.), SD CH., (IN.), MEAN CH., (IN.), SD CH., (IN.), MONTH. Data for SURFACE TO 850MB.

RAPID CITY, N.D. 27 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) AND 12Z(15Z) COMBINED 00Z(03Z) 12Z(15Z)

MONTH MONTH
MAXIMUM (IN.) DATE MEAN (IN.) SD (IN.) MEAN (IN.) SD (IN.) MONTH MONTH
CM. (IN.) CM. (IN.) CM. (IN.) CM. (IN.) CM. (IN.) CM. (IN.)

SURFACE TO 400MB

Table with columns for Month, Maximum, Date, Mean, SD, and another set of Month, Maximum, Date, Mean, SD. Rows include JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1 with values in centimeters and inches.

SURFACE TO 700MB

Table with columns for Month, Maximum, Date, Mean, SD, and another set of Month, Maximum, Date, Mean, SD. Rows include JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1 with values in centimeters and inches.

SURFACE TO 850MB

Table with columns for Month, Maximum, Date, Mean, SD, and another set of Month, Maximum, Date, Mean, SD. Rows include JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1 with values in centimeters and inches.

SALEM, ILL. 4 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) AND 12Z(15Z) COMBINED 00Z(03Z) 12Z(15Z)

Table with columns: MONTH, MAXIMUM CM. (IN.), DATE, MEAN CM. (IN.), SD CM. (IN.), MEAN CM. (IN.), SD CM. (IN.), MONTH. Rows are grouped by month (JAN-1 to DEC-2) and altitude (SURFACE TO 400MB, SURFACE TO 700MB, SURFACE TO 850MB).

SALEN, ORE. 17 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
002(03Z) AND 12Z(15Z) COMBINED 002(03Z) 12Z(15Z)

Table with columns: MONTH, MAXIMUM CM., MAXIMUM (IN.), DATE, MEAN CM., MEAN (IN.), SD CM., SD (IN.), MEAN CM., MEAN (IN.), SD CM., SD (IN.), MONTH. Data for SURFACE TO 400MB.

SURFACE TO 700MB

Table with columns: MONTH, MAXIMUM CM., MAXIMUM (IN.), DATE, MEAN CM., MEAN (IN.), SD CM., SD (IN.), MEAN CM., MEAN (IN.), SD CM., SD (IN.), MONTH. Data for SURFACE TO 700MB.

SURFACE TO 850MB

Table with columns: MONTH, MAXIMUM CM., MAXIMUM (IN.), DATE, MEAN CM., MEAN (IN.), SD CM., SD (IN.), MEAN CM., MEAN (IN.), SD CM., SD (IN.), MONTH. Data for SURFACE TO 850MB.

SEATTLE, WASH. 18 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.	SD (IN.)	MEAN CM.	SD (IN.)	MONTH	
SURFACE TO 400MB									
JAN-1	2.6286	(1.0349)	62019900	1.8363	(.7230)	.3848	(.1515)	JAN-1	
2	2.5222	(.9930)	53019900	1.9340	(.7614)	.3346	(.1317)	2	
FEB-1	2.7622	(1.0875)	60029900	2.0122	(.7922)	.4473	(.1761)	FEB-1	
2	3.0744	(1.2104)	63029900	1.9320	(.7606)	.4554	(.1793)	2	
MAR-1	2.6736	(1.0526)	54039900	1.8067	(.7113)	.3502	(.1379)	MAR-1	
2	2.0544	(.8088)	53039912	1.8106	(.7128)	.1847	(.0727)	2	
APR-1	2.4737	(.9739)	48049912	2.0255	(.7974)	.2831	(.1115)	APR-1	
2	2.7216	(1.0715)	48049900	2.0123	(.7922)	.3923	(.1545)	2	
MAY-1	2.9538	(1.1629)	51059900	2.2320	(.8787)	.3260	(.1283)	MAY-1	
2	3.1938	(1.2574)	55059912	2.4473	(.9635)	.3567	(.1404)	2	
JUN-1	3.4305	(1.3506)	51069900	2.7819	(1.0952)	.3484	(.1372)	JUN-1	
2	3.4933	(1.3753)	58069900	2.7869	(1.0972)	.3713	(.1462)	2	
JUL-1	3.3584	(1.3222)	50079900	2.8254	(1.1124)	.3419	(.1346)	JUL-1	
2	3.9078	(1.5385)	55079912	3.0431	(1.1981)	.4519	(.1779)	2	
AUG-1	4.0752	(1.6044)	50089900	3.0103	(1.1851)	.4236	(.1668)	AUG-1	
2	3.5933	(1.4147)	50089900	3.0279	(1.1921)	.3684	(.1451)	2	
SEP-1	4.0808	(1.6066)	57099912	3.0947	(1.2184)	.3963	(.1560)	SEP-1	
2	3.5273	(1.3887)	54099912	2.8647	(1.1278)	.2626	(.1034)	2	
OCT-1	3.3373	(1.3139)	53109912	2.6933	(1.0603)	.3831	(.1508)	OCT-1	
2	3.2972	(1.2981)	59109912	2.5892	(1.0194)	.3932	(.1548)	2	
NOV-1	3.4821	(1.3709)	54119912	2.3283	(.9167)	.3633	(.1430)	NOV-1	
2	3.1885	(1.2553)	54119900	2.3485	(.9246)	.4716	(.1857)	2	
DEC-1	3.0104	(1.1852)	58129900	1.9306	(.7601)	.5636	(.2219)	DEC-1	
2	2.5352	(.9981)	54129912	1.8068	(.7113)	.5169	(.2035)	2	
SURFACE TO 700MB									
JAN-1	1.8890	(.7437)	62019912	1.3315	(.5242)	.2556	(.1006)	JAN-1	
2	1.9124	(.7529)	53019912	1.4454	(.5690)	.2613	(.1029)	2	
FEB-1	2.0145	(.7931)	61029912	1.4507	(.5711)	.3688	(.1452)	FEB-1	
2	2.4409	(.9610)	63029900	1.4860	(.5850)	.3346	(.1317)	2	
MAR-1	2.0480	(.8063)	46039900	1.4605	(.5750)	.2885	(.1136)	MAR-1	
2	1.6172	(.6367)	50039900	1.3814	(.5438)	.1215	(.0478)	2	
APR-1	1.9314	(.7604)	48049912	1.5546	(.6120)	.2066	(.0813)	APR-1	
2	2.1245	(.8364)	48049900	1.4878	(.5857)	.3064	(.1206)	2	
MAY-1	2.0465	(.8057)	47059900	1.7011	(.6697)	.1897	(.0747)	MAY-1	
2	2.5286	(.9955)	55059912	1.9189	(.7555)	.2672	(.1052)	2	
JUN-1	2.4638	(.9700)	48069912	2.0910	(.8232)	.2118	(.0834)	JUN-1	
2	2.5738	(1.0133)	50069912	2.1020	(.8275)	.2593	(.1021)	2	
JUL-1	2.6510	(1.0437)	50079900	2.2545	(.8876)	.2438	(.0960)	JUL-1	
2	2.9291	(1.1532)	46079900	2.3750	(.9350)	.3214	(.1265)	2	
AUG-1	2.8410	(1.1185)	55089900	2.3609	(.9295)	.3109	(.1224)	AUG-1	
2	2.7658	(1.0889)	50089900	2.3364	(.9199)	.2443	(.0962)	2	
SEP-1	2.9654	(1.1675)	57099912	2.3300	(.9173)	.2127	(.0838)	SEP-1	
2	2.8613	(1.1265)	53099912	2.2359	(.8803)	.2180	(.0858)	2	
OCT-1	2.6236	(1.0329)	47109912	2.1122	(.8316)	.3388	(.1334)	OCT-1	
2	2.6208	(1.0318)	59109900	1.9976	(.7864)	.2622	(.1032)	2	
NOV-1	2.5657	(1.0101)	54119912	1.7491	(.6886)	.2535	(.0998)	NOV-1	
2	2.5469	(1.0027)	54119900	1.7569	(.6917)	.3795	(.1494)	2	
DEC-1	2.2316	(.8786)	58129900	1.6212	(.6383)	.3147	(.1239)	DEC-1	
2	2.0952	(.8249)	50129912	1.5047	(.5924)	.2785	(.1097)	2	
SURFACE TO 850MB									
JAN-1	1.0343	(.4072)	62019912	.7699	(.3031)	.1346	(.0530)	JAN-1	
2	1.1415	(.4494)	53019912	.8849	(.3484)	.1311	(.0516)	2	
FEB-1	1.2050	(.4744)	62029900	.8739	(.3440)	.2033	(.0800)	FEB-1	
2	1.2827	(.5050)	63029900	.8794	(.3462)	.1500	(.0591)	2	
MAR-1	1.0874	(.4281)	54039900	.8496	(.3345)	.1277	(.0503)	MAR-1	
2	.9756	(.3841)	49039900	.8442	(.3324)	.0812	(.0320)	2	
APR-1	1.1651	(.4587)	48049912	.9447	(.3719)	.1005	(.0396)	APR-1	
2	1.2855	(.5061)	48049900	.9416	(.3707)	.1412	(.0556)	2	
MAY-1	1.3307	(.5239)	47059900	1.0503	(.4135)	.1503	(.0592)	MAY-1	
2	1.4935	(.5880)	55059912	1.1750	(.4626)	.1756	(.0691)	2	
JUN-1	1.5410	(.6067)	48069912	1.2771	(.5028)	.1130	(.0445)	JUN-1	
2	1.6312	(.6422)	50069900	1.3174	(.5187)	.1360	(.0535)	2	
JUL-1	1.7018	(.6700)	52079912	1.4029	(.5523)	.1384	(.0545)	JUL-1	
2	1.9561	(.7701)	46079900	1.4862	(.5851)	.1754	(.0691)	2	
AUG-1	1.7071	(.6721)	63089912	1.4559	(.5732)	.1517	(.0597)	AUG-1	
2	1.6596	(.6534)	52089912	1.4295	(.5628)	.1286	(.0506)	2	
SEP-1	1.7592	(.6926)	53099900	1.4360	(.5654)	.1339	(.0527)	SEP-1	
2	1.5169	(.5922)	49099900	1.3712	(.5398)	.1179	(.0464)	2	
OCT-1	1.6807	(.6617)	60109912	1.2778	(.5031)	.1990	(.0783)	OCT-1	
2	1.5133	(.5958)	59109900	1.2345	(.4860)	.1196	(.0471)	2	
NOV-1	1.4945	(.5884)	54119912	1.0868	(.4279)	.1616	(.0636)	NOV-1	
2	1.4313	(.5635)	54119900	1.0572	(.4162)	.2015	(.0793)	2	
DEC-1	1.2583	(.4954)	58129900	.9720	(.3827)	.1651	(.0650)	DEC-1	
2	1.2563	(.4946)	50129900	.9038	(.3558)	.1742	(.0686)	2	

MINNEMUCA, NEV. 17 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
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	
SURFACE TO 400MB								
JAN-1	1.6165	(.6364)	62019900	1.1871	(.4674)	.2247	(.0885)	JAN-1
2	1.9809	(.7799)	71011800	1.2724	(.5009)	.3677	(.1448)	2
FEB-1	1.9307	(.7601)	57029912	1.2304	(.4844)	.3180	(.1252)	FEB-1
2	1.8479	(.7275)	68022312	1.0592	(.4170)	.2776	(.1093)	2
MAR-1	1.6886	(.6648)	72030212	1.0260	(.4039)	.2726	(.1073)	MAR-1
2	1.5730	(.6193)	71032600	1.1032	(.4343)	.2360	(.0929)	2
APR-1	1.4519	(.5716)	72040200	1.1272	(.4438)	.1872	(.0737)	APR-1
2	1.6667	(.6562)	58049900	1.1378	(.4479)	.2620	(.1031)	2
MAY-1	1.7107	(.6735)	57059900	1.3604	(.5356)	.1965	(.0774)	MAY-1
2	2.1511	(.8469)	63059912	1.4972	(.5895)	.2744	(.1080)	2
JUN-1	2.3942	(.9426)	72060800	1.7564	(.6915)	.3431	(.1351)	JUN-1
2	2.4270	(.9555)	70062712	1.8714	(.7368)	.2892	(.1139)	2
JUL-1	2.8219	(1.1110)	61079900	1.8466	(.7270)	.4305	(.1695)	JUL-1
2	3.3277	(1.3101)	56079900	2.3854	(.9391)	.5331	(.2099)	2
AUG-1	3.2456	(1.2778)	61089900	2.1404	(.8427)	.5937	(.2338)	AUG-1
2	3.2235	(1.2691)	61089912	1.8797	(.7400)	.4652	(.1831)	2
SEP-1	2.8509	(1.1224)	59099912	1.8176	(.7156)	.4317	(.1700)	SEP-1
2	2.2918	(.9023)	66091912	1.5986	(.6294)	.3555	(.1400)	2
OCT-1	2.1580	(.8496)	63109912	1.5530	(.6114)	.3252	(.1280)	OCT-1
2	2.1399	(.8425)	59109912	1.4411	(.5674)	.2651	(.1044)	2
NOV-1	2.0300	(.7992)	68110900	1.3748	(.5412)	.2568	(.1011)	NOV-1
2	1.7717	(.6975)	70112400	1.2785	(.5034)	.2672	(.1052)	2
DEC-1	1.6322	(.6426)	58129900	1.1952	(.4705)	.2354	(.0927)	DEC-1
2	1.8768	(.7389)	64129912	1.2715	(.5006)	.3064	(.1206)	2
SURFACE TO 700MB								
JAN-1	.8707	(.3428)	62019900	.6783	(.2671)	.1065	(.0419)	JAN-1
2	1.2215	(.4809)	71011300	.7192	(.2832)	.2024	(.0797)	2
FEB-1	1.0521	(.4142)	57029912	.7017	(.2762)	.1892	(.0745)	FEB-1
2	1.0371	(.4083)	68022312	.6297	(.2479)	.1311	(.0516)	2
MAR-1	.8753	(.3446)	72030212	.6268	(.2468)	.1305	(.0514)	MAR-1
2	.8595	(.3384)	61039912	.6208	(.2444)	.1158	(.0456)	2
APR-1	.9268	(.3649)	62049900	.6368	(.2507)	.1051	(.0414)	APR-1
2	.8715	(.3431)	65041912	.6647	(.2617)	.1205	(.0474)	2
MAY-1	1.1725	(.4616)	66051012	.7808	(.3074)	.1134	(.0446)	MAY-1
2	1.2375	(.4872)	56059912	.8536	(.3361)	.1751	(.0689)	2
JUN-1	1.4194	(.5588)	63069900	.9949	(.3917)	.1845	(.0726)	JUN-1
2	1.3350	(.5256)	63069912	1.0332	(.4068)	.1503	(.0592)	2
JUL-1	1.5339	(.6047)	61079900	1.0024	(.3946)	.2176	(.0857)	JUL-1
2	1.8694	(.7360)	71071912	1.2464	(.4907)	.3037	(.1196)	2
AUG-1	1.7823	(.7017)	61089900	1.1868	(.4672)	.3498	(.1377)	AUG-1
2	1.7384	(.6844)	61089912	1.0227	(.4026)	.2634	(.1037)	2
SEP-1	1.6091	(.6335)	59099912	.9851	(.3879)	.2353	(.0926)	SEP-1
2	1.3965	(.5498)	66091912	.9252	(.3642)	.1896	(.0747)	2
OCT-1	1.2852	(.5060)	57109900	.8561	(.3370)	.2090	(.0823)	OCT-1
2	1.0947	(.4310)	59109900	.8264	(.3254)	.1553	(.0611)	2
NOV-1	1.0965	(.4317)	68110912	.7643	(.3009)	.1175	(.0462)	NOV-1
2	1.0526	(.4144)	66113000	.7343	(.2891)	.1530	(.0602)	2
DEC-1	1.0173	(.4005)	58129912	.6477	(.2550)	.1256	(.0495)	DEC-1
2	1.0221	(.4024)	64129912	.6961	(.2741)	.1696	(.0668)	2
SURFACE TO 850MB								
JAN-1	.1598	(.0629)	62019900	.1054	(.0415)	.0276	(.0109)	JAN-1
2	.2027	(.0798)	71011812	.1099	(.0432)	.0370	(.0146)	2
FEB-1	.1316	(.0597)	61029900	.1031	(.0406)	.0284	(.0104)	FEB-1
2	.1344	(.0529)	63029900	.0949	(.0374)	.0243	(.0097)	2
MAR-1	.1308	(.0515)	57039900	.0826	(.0325)	.0246	(.0097)	MAR-1
2	.1237	(.0487)	67031700	.0863	(.0340)	.0213	(.0084)	2
APR-1	.1478	(.0582)	60049912	.0925	(.0364)	.0191	(.0075)	APR-1
2	.1397	(.0550)	65042912	.0799	(.0315)	.0142	(.0056)	2
MAY-1	.1433	(.0564)	59059900	.0965	(.0380)	.0180	(.0071)	MAY-1
2	.1902	(.0749)	56059912	.1095	(.0431)	.0299	(.0118)	2
JUN-1	.2233	(.0879)	63069900	.1260	(.0496)	.0351	(.0138)	JUN-1
2	.2261	(.0890)	63069912	.1299	(.0511)	.0201	(.0079)	2
JUL-1	.3066	(.1207)	62079912	.1302	(.0512)	.0426	(.0168)	JUL-1
2	.3188	(.1255)	71071912	.1804	(.0710)	.0636	(.0250)	2
AUG-1	.3086	(.1215)	61089912	.1569	(.0618)	.0563	(.0222)	AUG-1
2	.3167	(.1247)	61089912	.1259	(.0496)	.0372	(.0146)	2
SEP-1	.2337	(.0920)	67090512	.1257	(.0495)	.0348	(.0137)	SEP-1
2	.2217	(.0873)	57099900	.1270	(.0500)	.0374	(.0147)	2
OCT-1	.1750	(.0689)	61109900	.1148	(.0452)	.0344	(.0135)	OCT-1
2	.1831	(.0721)	59109900	.1257	(.0495)	.0254	(.0100)	2
NOV-1	.1516	(.0597)	56119900	.1130	(.0445)	.0222	(.0088)	NOV-1
2	.1796	(.0707)	66113000	.1269	(.0500)	.0284	(.0112)	2
DEC-1	.1643	(.0647)	58129900	.1106	(.0435)	.0264	(.0104)	DEC-1
2	.1631	(.0642)	63129900	.1099	(.0433)	.0294	(.0116)	2

WINSLOW, ARIZ.

11 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) 12Z(15Z)

Table with columns: MONTH, MAXIMUM CR., DATE, MEAN CM., SD CM., MEAN (IN.), SD (IN.), MONTH. Section: SURFACE TO 400HB. Rows include JAN-1 to DEC-2 for each month.

SURFACE TO 700HB

Table with columns: MONTH, MAXIMUM CR., DATE, MEAN CM., SD CM., MEAN (IN.), SD (IN.), MONTH. Section: SURFACE TO 700HB. Rows include JAN-1 to DEC-2 for each month.

SURFACE TO 850HB

Table with columns: MONTH, MAXIMUM CR., DATE, MEAN CM., SD CM., MEAN (IN.), SD (IN.), MONTH. Section: SURFACE TO 850HB. Rows include JAN-1 to DEC-2 for each month.

ANNETTE, ALASKA 20 YEARS OF RECORD

MAXIMUM SEMI-MONTHLY 00Z(03Z) AND 12Z(15Z) COMBINED

MEAN OF SERIES OF SEMI-MONTHLY MAXIMA 00Z(03Z) 12Z(15Z)

Table with columns: MONTH, MAXIMUM CM., (IN.), DATE, MEAN CM., (IN.), SD CM., (IN.), MEAN CM., (IN.), SD CM., (IN.), MONTH. Rows include JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1 for SURFACE TO 400MB.

SURFACE TO 700MB

Table with columns: MONTH, MAXIMUM CM., (IN.), DATE, MEAN CM., (IN.), SD CM., (IN.), MEAN CM., (IN.), SD CM., (IN.), MONTH. Rows include JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1 for SURFACE TO 700MB.

SURFACE TO 850MB

Table with columns: MONTH, MAXIMUM CM., (IN.), DATE, MEAN CM., (IN.), SD CM., (IN.), MEAN CM., (IN.), SD CM., (IN.), MONTH. Rows include JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1 for SURFACE TO 850MB.

NAKNEK, ALASKA 17 YEARS OF RECORD
MAXIMUM SEMI-MONTHLY MEAN OF SERIES OF SEMI-MONTHLY MAXIMA
00Z(03Z) AND 12Z(15Z) COMBINED 00Z(03Z) 12Z(15Z)

MONTH MAXIMUM DATE MEAN SD MEAN SD MONTH
CH. (IN.) CH. (IN.) CH. (IN.) CH. (IN.)

SURFACE TO 400MB

Table with 12 columns: MONTH, MAXIMUM CH., (IN.), DATE, MEAN CH., (IN.), SD CH., (IN.), MEAN CH., (IN.), SD CH., (IN.), MONTH. Rows include JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1.

SURFACE TO 700MB

Table with 12 columns: MONTH, MAXIMUM CH., (IN.), DATE, MEAN CH., (IN.), SD CH., (IN.), MEAN CH., (IN.), SD CH., (IN.), MONTH. Rows include JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1.

SURFACE TO 850MB

Table with 12 columns: MONTH, MAXIMUM CH., (IN.), DATE, MEAN CH., (IN.), SD CH., (IN.), MEAN CH., (IN.), SD CH., (IN.), MONTH. Rows include JAN-1, FEB-1, MAR-1, APR-1, MAY-1, JUN-1, JUL-1, AUG-1, SEP-1, OCT-1, NOV-1, DEC-1.

SHEMYA, ALASKA 20 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		DATE	MEAN		SD		MEAN		MONTH
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	
SURFACE TO 400MB										
JAN-1	2.3528	(.9263)	69010500	1.2650	(.4980)	.4600	(.1811)	1.3008	(.5121)	JAN-1
2	1.9710	(.7760)	68012812	1.2516	(.4928)	.2843	(.1119)	1.2535	(.4935)	2
FEB-1	1.6873	(.6643)	69020712	1.1119	(.4378)	.2784	(.1096)	1.1550	(.4547)	FEB-1
2	2.1377	(.8416)	56022115	1.1752	(.4627)	.4481	(.1764)	1.0222	(.4025)	2
MAR-1	2.2017	(.8668)	67030812	1.1423	(.4497)	.3474	(.1368)	1.2499	(.4921)	MAR-1
2	1.7689	(.6964)	67032412	1.1982	(.4717)	.2963	(.1166)	1.2078	(.4755)	2
APR-1	2.0526	(.8081)	59040712	1.3796	(.5432)	.3791	(.1492)	1.3270	(.5224)	APR-1
2	2.8943	(1.1395)	61042612	1.5365	(.6049)	.4368	(.1720)	1.6724	(.6584)	2
MAY-1	3.0676	(1.2077)	64051212	1.8040	(.7102)	.3782	(.1489)	1.8971	(.7469)	MAY-1
2	3.9258	(1.5456)	62053100	1.9315	(.7604)	.7362	(.2898)	1.7645	(.6947)	2
JUN-1	3.3089	(1.3027)	61061512	1.8403	(.7245)	.4763	(.1875)	1.9480	(.7669)	JUN-1
2	3.9670	(1.5618)	53062315	2.2657	(.8920)	.4920	(.1937)	2.4378	(.9598)	2
JUL-1	4.2743	(1.6828)	60070812	2.8493	(1.1218)	.5461	(.2150)	3.0272	(1.1918)	JUL-1
2	4.4140	(1.7378)	58073112	3.1752	(1.2501)	.5394	(.2124)	3.6425	(1.4341)	2
AUG-1	4.7440	(1.8677)	58080100	3.4940	(1.3756)	.6444	(.2537)	3.6730	(1.4461)	AUG-1
2	4.8303	(1.9017)	53081603	2.9368	(1.1562)	.7961	(.3134)	2.9758	(1.1716)	2
SEP-1	3.8166	(1.5026)	59090212	2.7062	(1.0654)	.4925	(.1939)	2.6613	(1.0478)	SEP-1
2	3.1379	(1.2354)	60092612	2.2886	(.9010)	.4403	(.1734)	2.2890	(.9012)	2
OCT-1	3.2464	(1.2781)	68100212	1.9839	(.7811)	.5367	(.2113)	2.0527	(.8082)	OCT-1
2	3.4376	(1.3534)	55101615	1.7293	(.6808)	.4295	(.1691)	1.9425	(.7648)	2
NOV-1	2.2134	(.8714)	64110700	1.5570	(.6130)	.4091	(.1610)	1.3804	(.5435)	NOV-1
2	2.4907	(.9806)	61112512	1.3634	(.5368)	.5096	(.2006)	1.3351	(.5256)	2
DEC-1	2.5512	(1.0044)	67120112	1.2175	(.4793)	.4094	(.1612)	1.2653	(.4981)	DEC-1
2	2.5083	(.9875)	55121903	1.2735	(.5014)	.4900	(.1929)	1.2610	(.4964)	2
SURFACE TO 700MB										
JAN-1	1.7074	(.6722)	69010500	.9806	(.3860)	.3259	(.1283)	.9833	(.3871)	JAN-1
2	1.4470	(.5697)	68012912	.9925	(.3907)	.2079	(.0818)	.9934	(.3911)	2
FEB-1	1.2855	(.5061)	57020403	.8728	(.3436)	.1879	(.0740)	.8965	(.3529)	FEB-1
2	1.5819	(.6228)	56022115	.9230	(.3634)	.2916	(.1148)	.7993	(.3147)	2
MAR-1	1.6439	(.6472)	67030812	.8541	(.3363)	.2857	(.1125)	.9255	(.3644)	MAR-1
2	1.2995	(.5116)	67032412	.9368	(.3688)	.2054	(.0809)	.9308	(.3665)	2
APR-1	1.4737	(.5802)	52041103	1.0488	(.4129)	.2569	(.1012)	1.0083	(.3970)	APR-1
2	2.1521	(.8473)	61042612	1.1343	(.4466)	.3368	(.1326)	1.2017	(.4731)	2
MAY-1	2.2212	(.8745)	63050412	1.3241	(.5213)	.2829	(.1114)	1.3439	(.5291)	MAY-1
2	2.5260	(.9945)	62053100	1.3879	(.5464)	.4551	(.1792)	1.3230	(.5209)	2
JUN-1	2.4608	(.9688)	61061512	1.3860	(.5457)	.3562	(.1403)	1.4349	(.5649)	JUN-1
2	2.6774	(1.0541)	53062315	1.6808	(.6617)	.3297	(.1298)	1.7997	(.7085)	2
JUL-1	3.0587	(1.2042)	60070812	2.0495	(.8069)	.3583	(.1411)	2.1158	(.8330)	JUL-1
2	3.1864	(1.2545)	52072915	2.4032	(.9461)	.3431	(.1351)	2.6342	(1.0371)	2
AUG-1	3.3614	(1.3234)	58080100	2.5751	(1.0138)	.4550	(.1792)	2.7107	(1.0672)	AUG-1
2	3.3289	(1.3106)	53081603	2.1773	(.8572)	.5240	(.2063)	2.1564	(.8490)	2
SEP-1	2.9916	(1.1778)	59090200	1.9693	(.7753)	.4249	(.1673)	2.0123	(.7922)	SEP-1
2	2.3345	(.9191)	62092500	1.7099	(.6732)	.3497	(.1377)	1.7041	(.6709)	2
OCT-1	2.2766	(.8963)	68100212	1.4582	(.5741)	.2725	(.1073)	1.4935	(.5880)	OCT-1
2	2.2484	(.8852)	52101715	1.3270	(.5224)	.2796	(.1101)	1.4456	(.5691)	2
NOV-1	1.7173	(.6761)	64110700	1.1870	(.4673)	.2797	(.1101)	1.0209	(.4019)	NOV-1
2	1.8275	(.7195)	61112512	1.0482	(.4127)	.3280	(.1291)	1.0584	(.4167)	2
DEC-1	1.9835	(.7809)	67120112	.9627	(.3790)	.2707	(.1066)	.9725	(.3829)	DEC-1
2	2.0437	(.8046)	55121903	1.0034	(.3950)	.3644	(.1435)	.9971	(.3926)	2
SURFACE TO 850MB										
JAN-1	.9649	(.3799)	59010812	.5769	(.2271)	.1681	(.0662)	.5641	(.2221)	JAN-1
2	.8148	(.3208)	68012912	.5686	(.2239)	.1137	(.0448)	.5674	(.2234)	2
FEB-1	.7343	(.2891)	57020403	.5004	(.1970)	.1013	(.0399)	.5083	(.2001)	FEB-1
2	.9294	(.3659)	56021903	.5336	(.2101)	.1467	(.0578)	.4768	(.1877)	2
MAR-1	.8481	(.3339)	66030500	.5052	(.1989)	.1456	(.0573)	.5352	(.2107)	MAR-1
2	.7785	(.3065)	67031912	.5466	(.2152)	.0981	(.0386)	.5618	(.2212)	2
APR-1	.9009	(.3547)	63041100	.6015	(.2368)	.1180	(.0465)	.6011	(.2366)	APR-1
2	1.0317	(.4062)	61042612	.6436	(.2534)	.1606	(.0632)	.6522	(.2568)	2
MAY-1	1.2093	(.4761)	63050412	.7279	(.2866)	.1815	(.0715)	.7328	(.2885)	MAY-1
2	1.3543	(.5332)	62053100	.7610	(.2996)	.2094	(.0824)	.7423	(.2922)	2
JUN-1	1.3134	(.5171)	61061512	.7746	(.3049)	.1736	(.0683)	.8137	(.3204)	JUN-1
2	1.3368	(.5263)	50062815	.9604	(.3781)	.1639	(.0645)	1.0009	(.3941)	2
JUL-1	1.7496	(.6888)	60070812	1.0941	(.4307)	.1797	(.0708)	1.1331	(.4461)	JUL-1
2	1.7706	(.6971)	90072003	1.3550	(.5355)	.2413	(.0950)	1.4429	(.5681)	2
AUG-1	1.8331	(.7217)	58080100	1.4059	(.5535)	.2671	(.1052)	1.5009	(.5909)	AUG-1
2	1.7907	(.7050)	69082000	1.2397	(.4881)	.2726	(.1073)	1.2044	(.4742)	2
SEP-1	1.6124	(.6348)	66090512	1.1066	(.4357)	.2323	(.0915)	1.1057	(.4353)	SEP-1
2	1.4481	(.5701)	55092415	.9778	(.3850)	.1682	(.0662)	.9929	(.3909)	2
OCT-1	1.2314	(.4848)	60100212	.8591	(.3382)	.1132	(.0446)	.8931	(.3516)	OCT-1
2	1.3833	(.5446)	52101703	.7752	(.3052)	.1884	(.0742)	.8210	(.3232)	2
NOV-1	.8783	(.3458)	66111300	.6728	(.2649)	.1087	(.0428)	.6073	(.2391)	NOV-1
2	1.0798	(.4251)	50112703	.6104	(.2403)	.1728	(.0680)	.6125	(.2411)	2
DEC-1	1.1110	(.4374)	67120112	.5674	(.2234)	.1405	(.0553)	.5783	(.2277)	DEC-1
2	1.0886	(.4286)	55121903	.5722	(.2253)	.1861	(.0732)	.5685	(.2238)	2

YAKUTAT, ALASKA												
20 YEARS OF RECORD												
MAXIMUM SEMI-MONTHLY						MEAN OF SERIES OF SEMI-MONTHLY MAXIMA						
00Z(03Z) AND 12Z(15Z) COMBINED						00Z(03Z)		12Z(15Z)				
MONTH	MAXIMUM		DATE	MEAN		SD		MEAN		SD	MONTH	
	CM.	(IN.)		CM.	(IN.)	CM.	(IN.)	CM.	(IN.)	CM.		(IN.)
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
HAR-1	1.9627	(.7727)	65031000	1.2177	(.4794)	.3287	(.1294)	1.2798	(.5038)	.2915	(.1147)	HAR-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
HAR-1	1.4333	(.5643)	65031000	.9641	(.3796)	.2204	(.0868)	.9700	(.3819)	.1924	(.0757)	HAR-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	2.1066	(.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	(.0755)	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
HAR-1	.8588	(.3381)	65030912	.5943	(.2340)	.1145	(.0451)	.6043	(.2379)	.1208	(.0476)	HAR-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	1.5354	(.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	1.3255	(.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)	.1355	(.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

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