

**CLIMATOLOGICAL DATA  
FOR THE RICE-GROWING AREAS  
ALONG THE NORTH COAST OF  
PUERTO RICO**

**By**

**Angel Román-Más and Bruce Green**

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**U.S. GEOLOGICAL SURVEY**

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## CONVERSION TABLE

For the convenience of readers who may want to use the International Systems of Units (SI), the data may be converted by using the following factors:

<u>Multiply inch-pound units</u>	<u>by</u>	<u>To obtain SI units</u>
inches (in)	25.4	millimeters (mm)
	2.54	centimeters (cm)
inches per day (in/d)	25.4	millimeters per day (mm/d)
	2.54	centimeters per day (cm/d)
feet (ft)	0.3048	meters (m)
miles (mi)	1.609	kilometers (km)
miles per hour (mi/hr)	1.609	kilometers per hour (km/hr)
miles per day (mi/d)	1.609	kilometers per day (km/d)
acres	4047.	square meters (m <sup>2</sup> )
acre-feet (acre-ft)	1233.	cubic meters (m <sup>3</sup> )
degrees Fahrenheit (°F)	0.56(°F-32)	degree Celsius (°C)

### Specific Combinations

1 Acre-ft = 226.2 gal/min, during one day

1 ft<sup>3</sup>/s = 448.8 gal/min

1 ft<sup>3</sup>/s = 0.65 Mgal/d

# CLIMATOLOGICAL DATA FOR THE RICE-GROWING AREAS ALONG THE NORTH COAST OF PUERTO RICO

By

Angel J. Román-Más and Bruce Green

## ABSTRACT

Rainfall, temperature, wind velocity and pan evaporation data were collected from May 1983 to September 1985, in the rice-growing areas of Vega Baja, Manatí, and Arecibo in northern Puerto Rico. Daily values and statistics including mean, standard deviation, extremes, and totals for each month of record were compiled. Descriptions of equipment installation and operation, data processing, and significance of climatological data for rice cultivation are presented.

## INTRODUCTION

In 1983, the Caribbean District office of the U.S. Geological Survey, Water Resources Division (USGS) in cooperation with the Puerto Rico Department of Agriculture (PRDOA), began an investigation to determine the quantity of water required for irrigation in the rice-growing areas of Arecibo, Manatí, and Vega Baja (fig. 1). As part of this investigation, a weather station was located at each area (fig. 2, 3, and 4). Rainfall, temperature, wind velocity, and pan evaporation data were collected daily from May 1983 to September 1985. Climatological data was used

to define the prevailing weather conditions during the crop cycles measured.

This report summarizes the rainfall, temperature, wind velocity, and pan evaporation data collected at each weather station (fig. 2, 3, 4, and 5). Means and extreme values, standard deviations, and totals for the month (tables 1, 2, and 3) are included.

## Acknowledgments

The authors gratefully acknowledge the assistance provided by hydrologic technicians José Merced and Ana Sánchez in the instrument installation as well as in the collection and processing of the data.

## INSTRUMENTATION

Each station was equipped with a rain gage, a maximum-minimum thermometer, an evaporation pan, and an anemometer. Equipment installation and operation as well as data collection by the USGS technical staff was in accordance with standard National Oceanographic and Atmospheric Administration (NOAA) methods and procedures criteria.



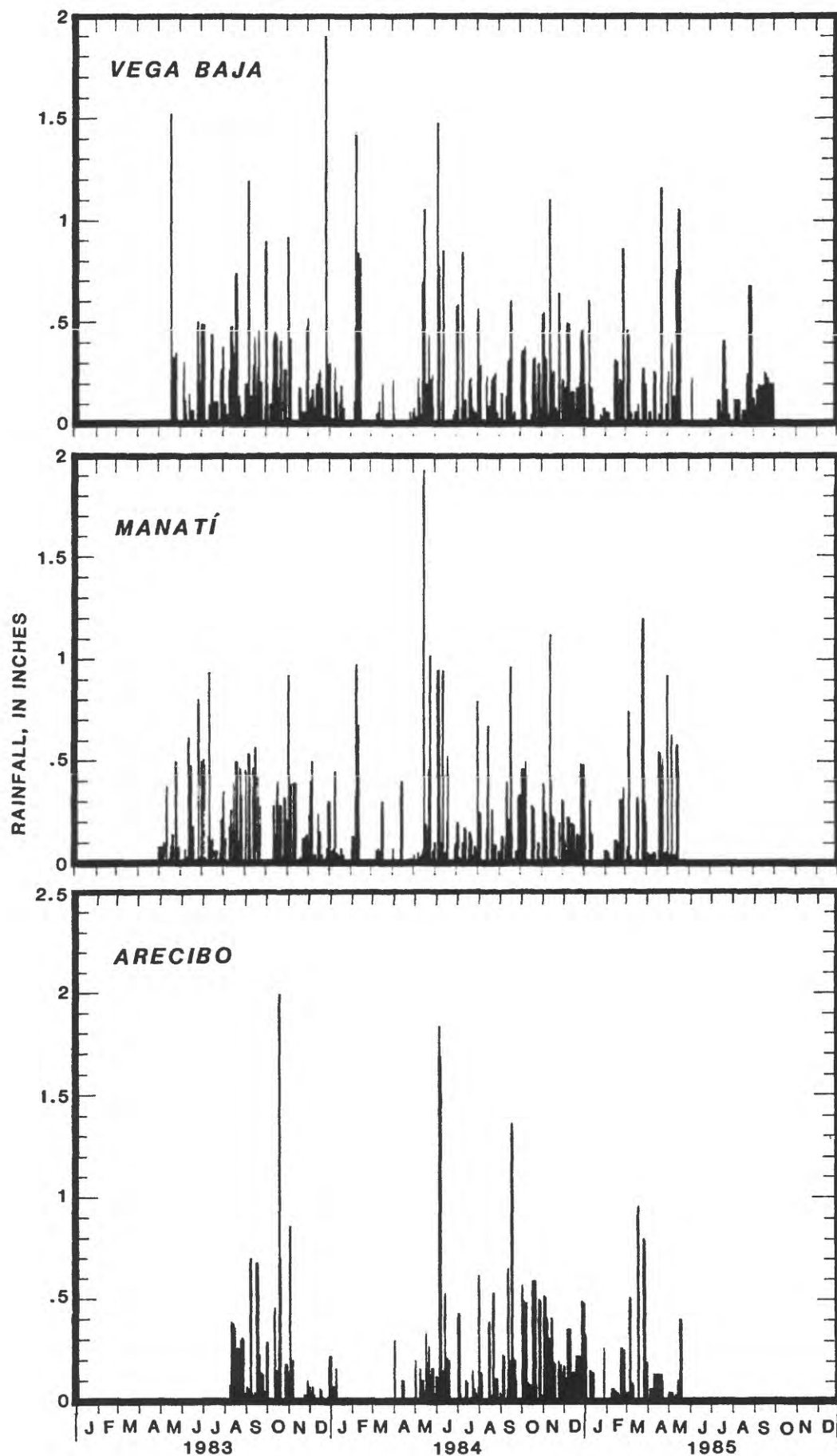
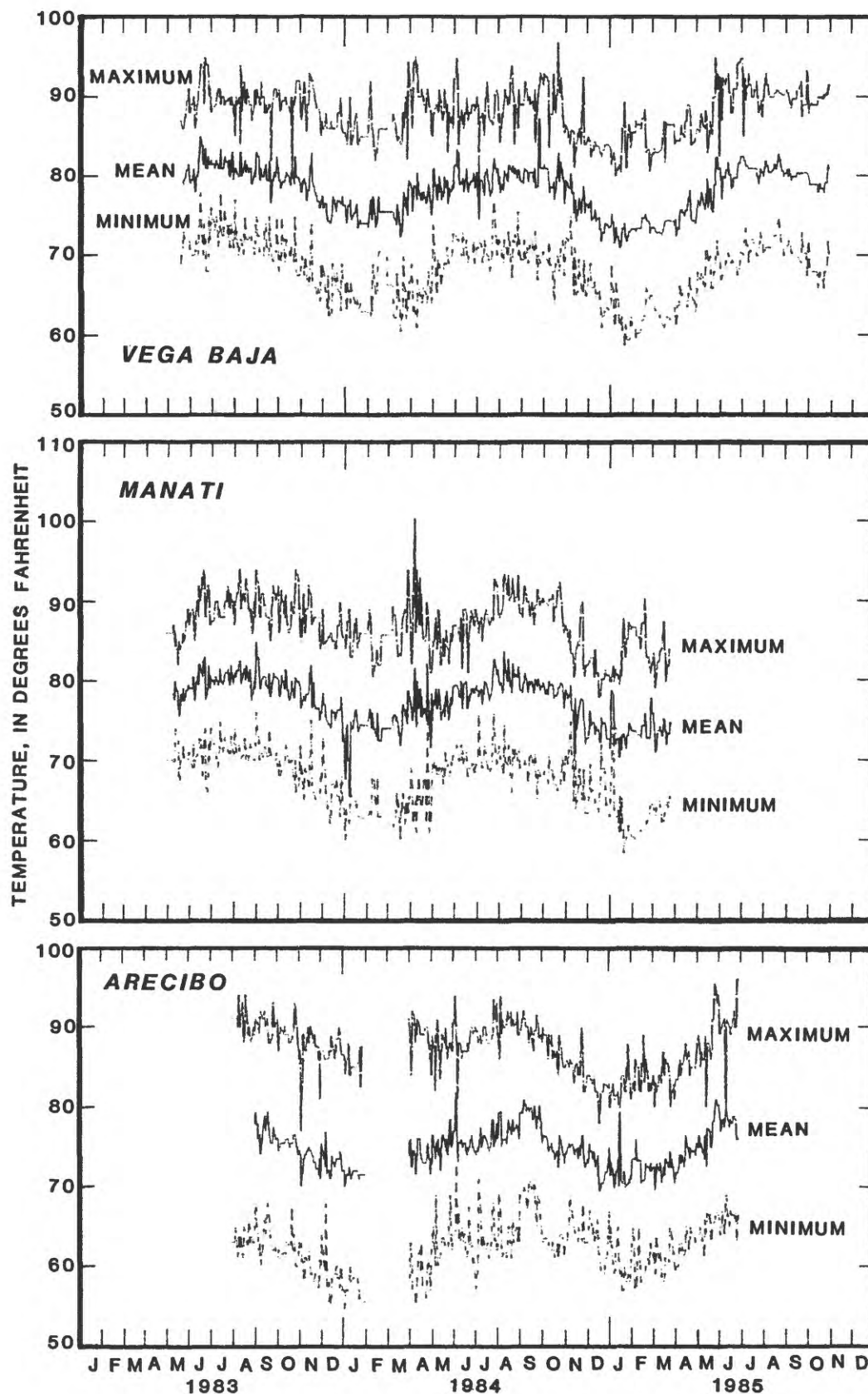


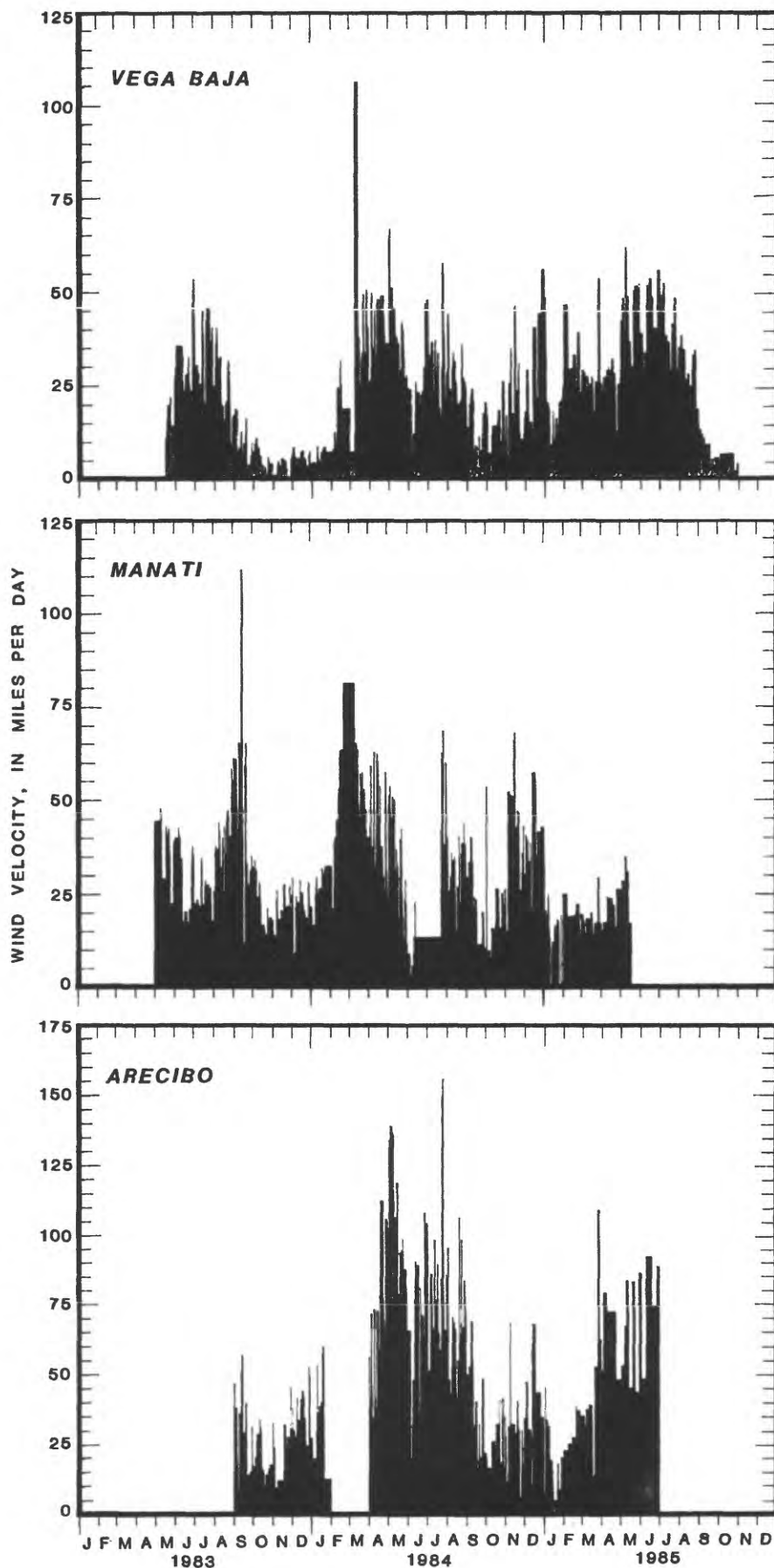
Figure 2.--Daily rainfall at the Vega Baja, Manatí, and Arecibo weather stations.



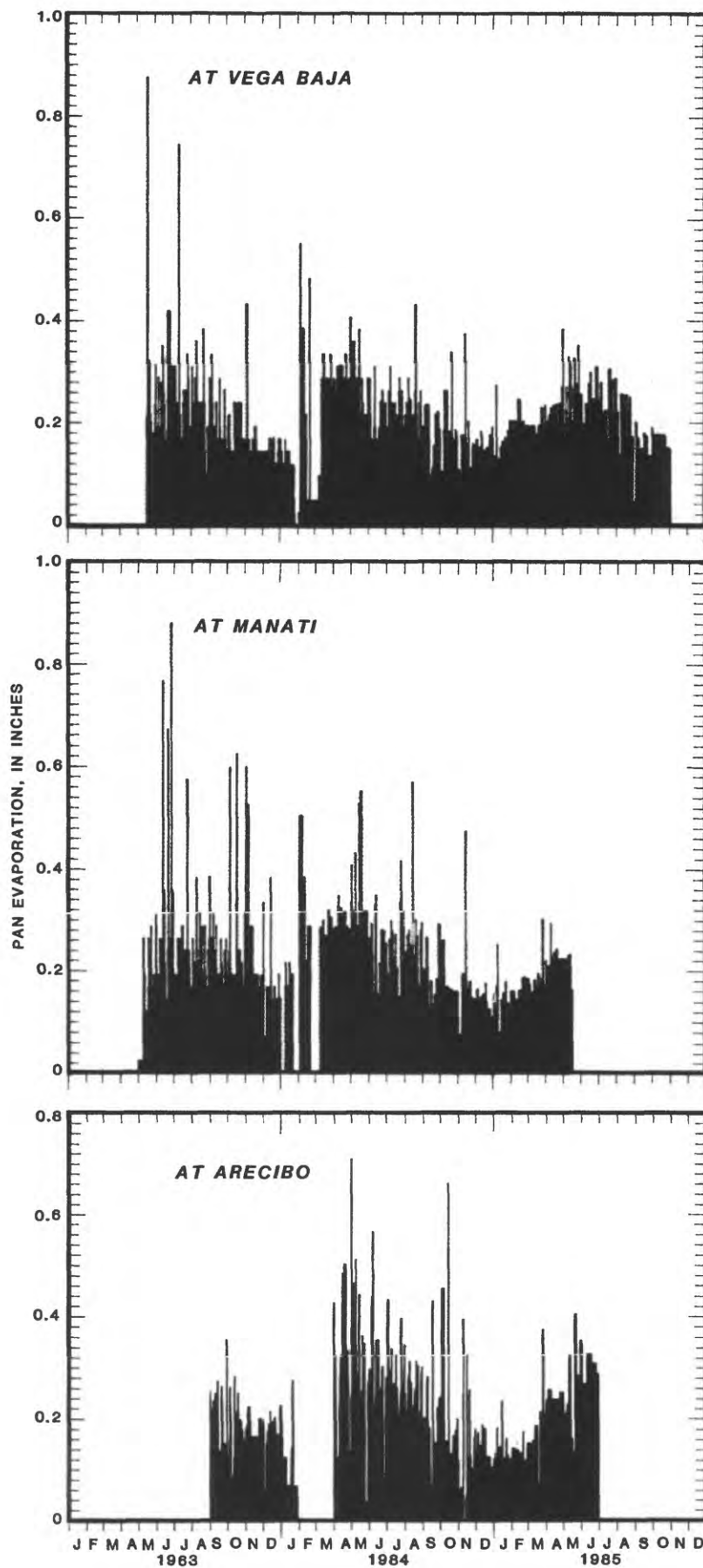


*Figure 3.--Daily maximum, minimum, and mean temperatures at the Vega Baja, Manati, and Arecibo weather stations.*





**Figure 4.--Daily wind velocity at the Vega Baja, Manati, and Arecibo weather stations.**

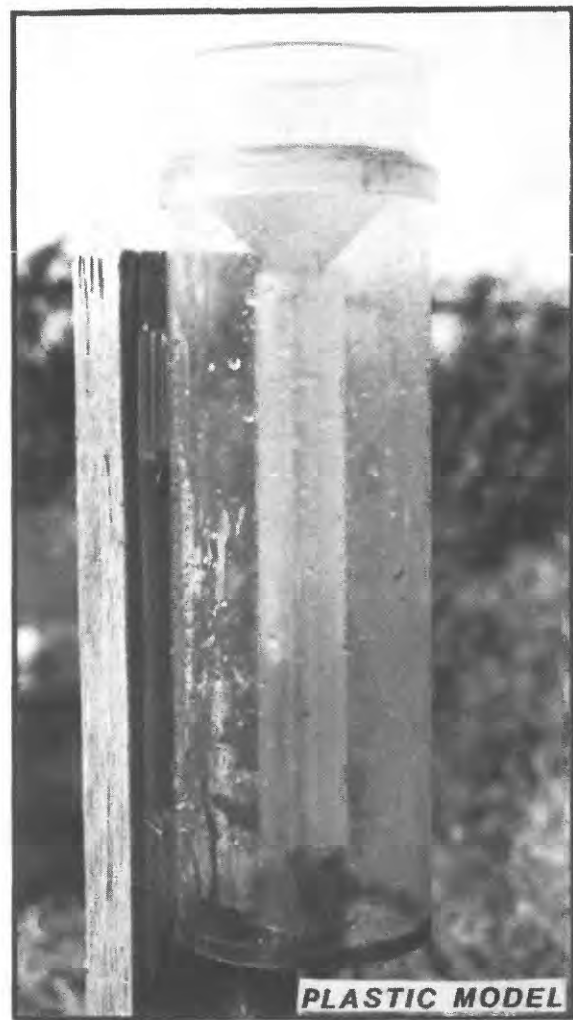


**Figure 5.--Daily pan evaporation at the Vega Baja, Manatí, and Arecibo weather stations.**

## INSTRUMENTATION--Continued

Rainfall was measured with an 8-inch non-recording gage made of either plastic or metal. The gage consists of an overflow can, measuring tub, rainfall funnel, measuring stick, and support (fig. 6). The top of the funnel is exactly 8-inches inside diameter. The funnel empties the rainfall into a cylindrical measuring tub. To facilitate measurement of rainfall to hundredths of an inch, the measuring tube has a cross-section area that is one-tenth the top area of the funnel. The scale of the

measuring stick used with the tube is expanded 10 times, and since the scale is graduated to hundredths of an inch, the correct rainfall depth of water in the tube is read directly to hundredths from the stick. The measuring tube is 20 inches in height and holds exactly 2.00 inches of rainfall. Any additional rainfall will overflow into the outer can. Water from the can is poured into an empty tube for direct measurement with the stick. The measuring tube of the plastic model has been graduated to hundredths of an inch to read directly without using the stick.



*Figure 6.--Two 8-inch nonrecording rainfall gages (copper and plastic models).*

## INSTRUMENTATION--Continued

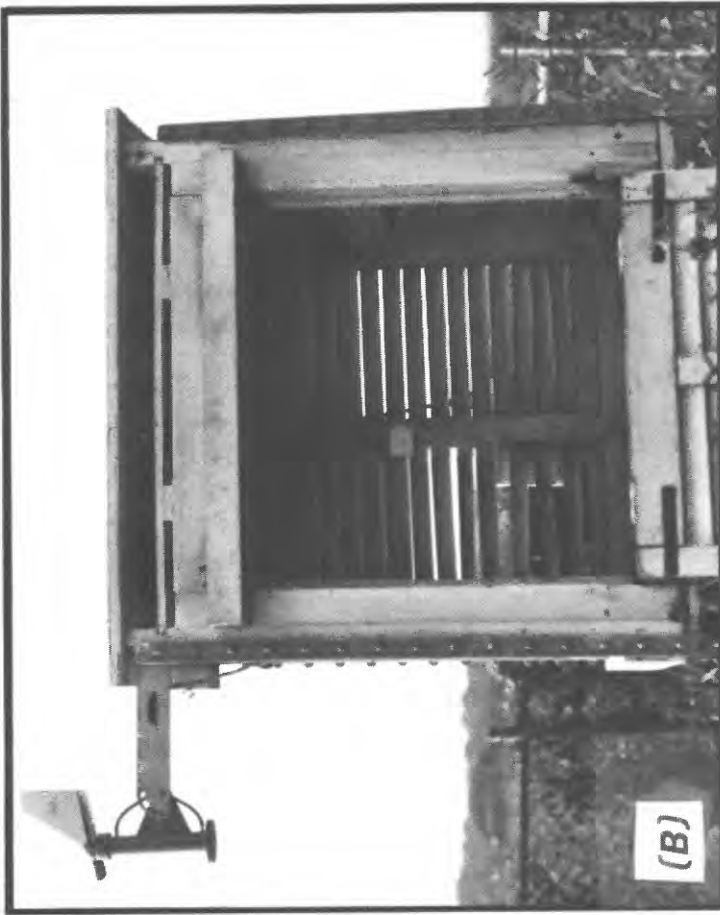
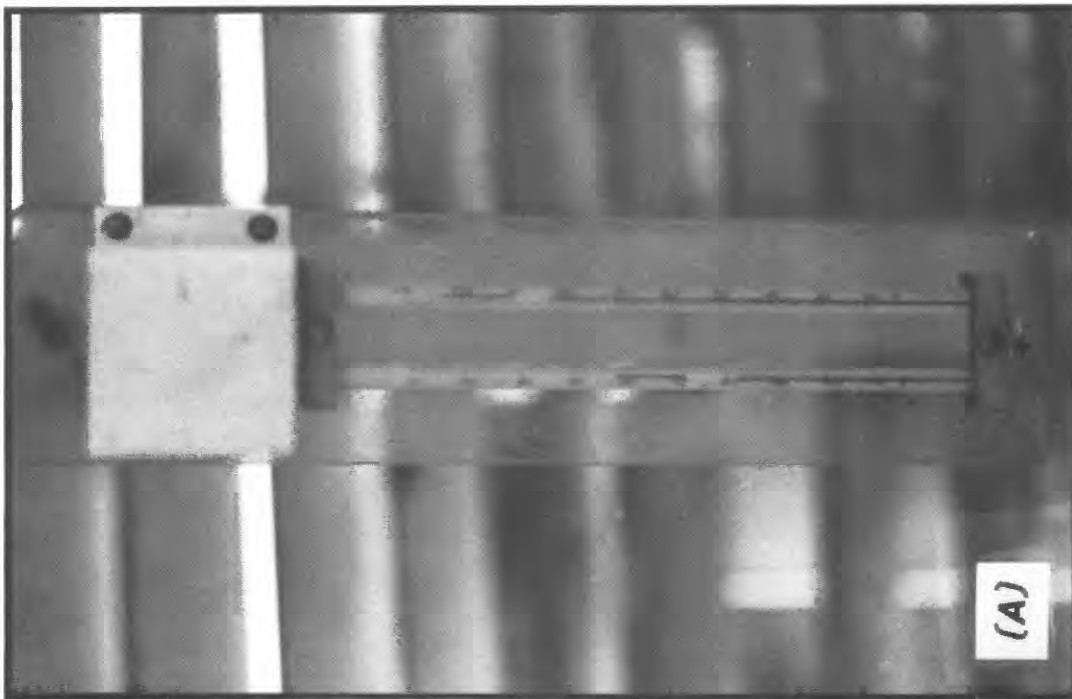
The Weather Measure Model E8-11 (Use of trade names by the USGS does not imply endorsement of the products depicted), Submersible Minimum-Maximum Thermometer was used to measure minimum and maximum temperatures. It consists of a plastic backing with a glass U tube containing two metal indices - one to indicate minimum temperature and one to indicate maximum temperature. In addition, the glass U tube contains a liquid filling and a mercury column. Two temperature scales are permanently marked on the U tube, one for low temperatures and the other for high temperatures (fig. 7). In operation, as the temperature changes, the liquid filling located above the mercury columns in both legs of the U tube, expands or contracts depending upon whether or not the temperature is rising or falling. If the temperature is rising, the mercury column in the right-hand leg of the U tube rises. If the temperature is falling, the mercury column in the left-hand leg of the U tube rises. As the mercury column rises, in either the left-hand or right-hand leg of the U tube, it pushes the metal index up higher in the tube. When the mercury column falls, in either leg of the U tube, the metal index remains in place as an indication of the highest or lowest temperature which was reached during the observation period. The bottom edge of the metal index is always read in order to obtain the maximum or minimum temperature.

At the completion of an observation, the metal indices are reset with a small magnet until their lower edges are in contact with the mercury column. The thermometers were mounted on a

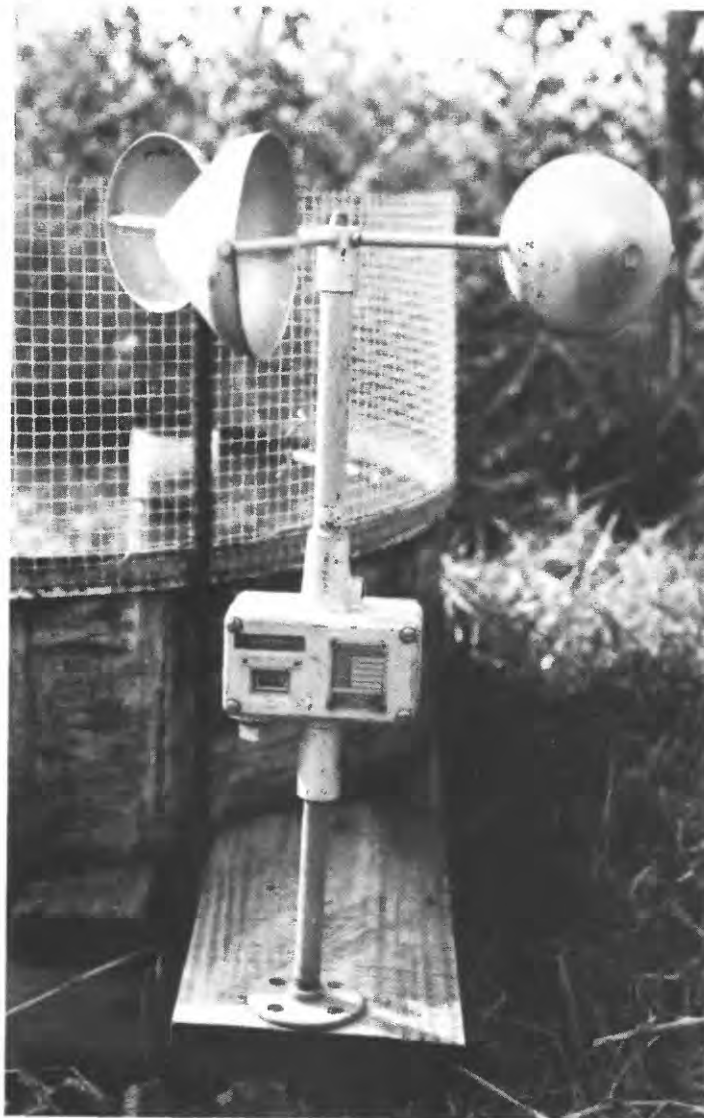
vertical post near the center of a U.S. National Weather Service (USNWS) medium-sized type shelter. The shelter has louvered sides with a double top designed to protect the thermometers from precipitation, condensation, and radiation. The louvered construction permits air to circulate freely through the shelter.

A five-digit odometer type, 3-cup anemometer was used for measuring wind movement. It is mounted on the wooden evaporation pan support in order to measure the wind movement over the pan. The five digits appearing in the window of the meter (fig. 8) indicate the total wind movement to tenths of a mile for any total from zero to 10,000 miles. The right-hand digit indicates tenths of a mile. Ten thousand miles is indicated as five zeros (00000) on the meter and coincides with zero miles for the succeeding 10,000-mile cycle of operation. If 24-hour wind movement computation is desired, the previous reading has to be subtracted from the current day reading.

The U.S. National Weather Service "Class A" land Pan was used to measure evaporation. This instrument is used at all official USNWS and cooperative stations in the United States. It is made of unpainted galvanized iron, 4 ft in diameter, and 10 inches deep (fig. 9). The bottom, supported on a wooden frame, is raised 6-inches above the ground surface. The water surface, maintained between 2- and 3-inches below the rim of the pan, is measured daily with a hook-gage in a stilling well. The daily evaporation is computed as the difference between observed water levels, correlated for any precipitation measured in an adjacent or standard rain gage.



*Figure 7.--A submersible minimum-maximum thermometer, Model E8-11 (letter A) and a Weather Service medium-sized shelter (letter B).*



***Figure 8.--A 5-digit odometer type, 3-cup anemometer.***



## **INSTRUMENTATION--Continued**

A micrometer hook-gage (fig. 10) was used to measure water level in the evaporation pan. The gage consists of a hook in the end of a stem that is graduated to tenths of inches over a range of several inches. The stem is constructed with double threads throughout its range of adjustment. The threads have a pitch of one-tenth of an inch. A three-legged spider and adjusting-nut assembly supports the hook and provides for adjustment of the height of the hook when the gage is installed on the stilling well. The adjusting nut is threaded to screw on the stem of the hook. After assembly, the gage is placed on the stilling well with the three legs of the spider resting on the top rim of the well and the hook centered in the well. The adjusting nut is free to turn within the spider so that it may be used conveniently to adjust the height of the hook. The relative height of the hook in the well is indicated by the scales of the gage.

### **SIGNIFICANCE OF CLIMATOLOGICAL DATA FOR RICE CULTIVATION**

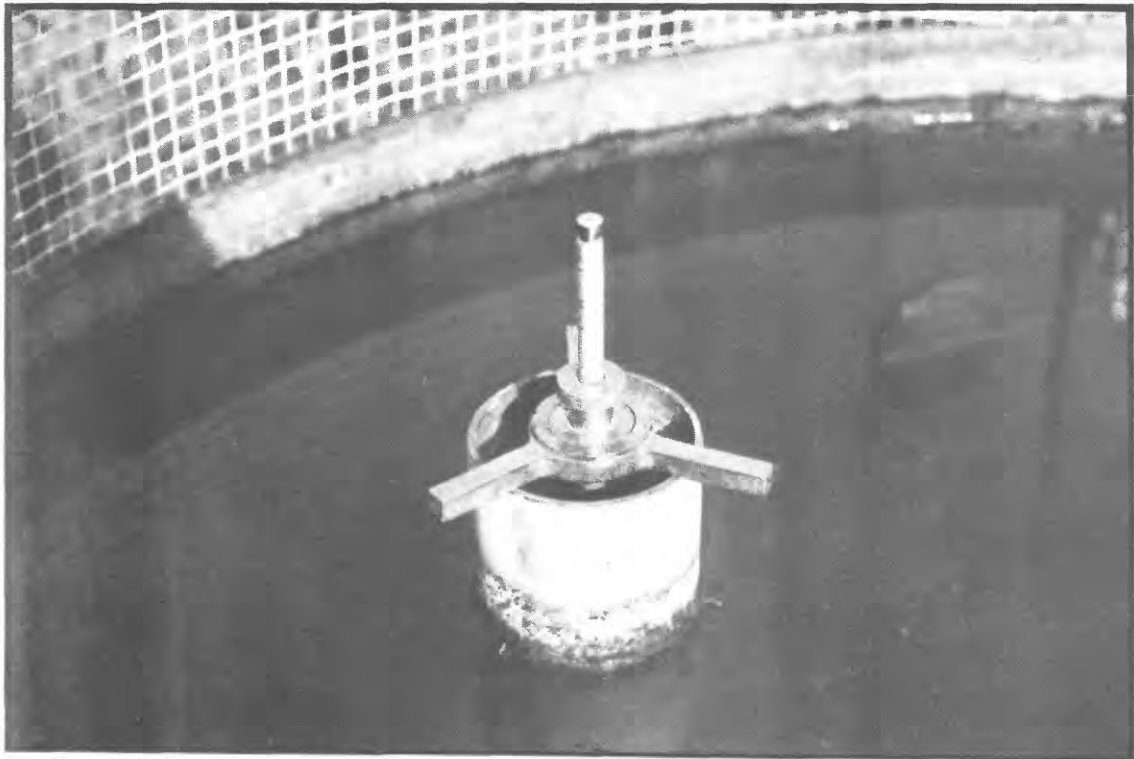
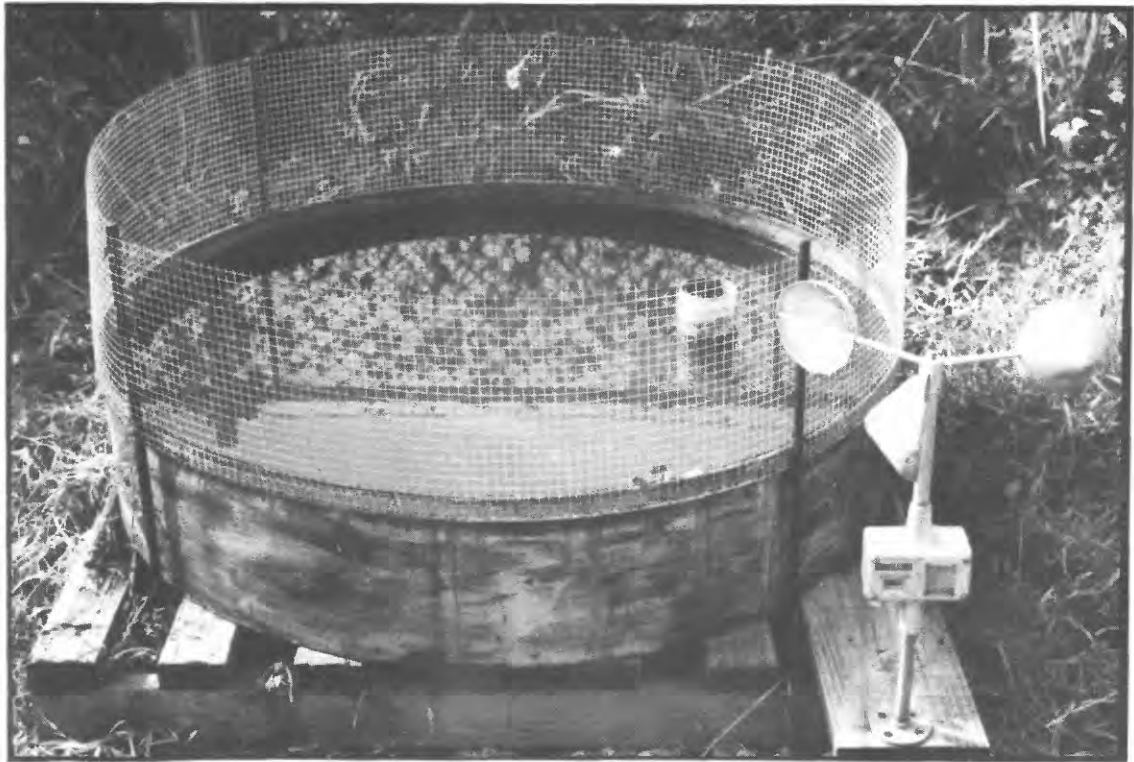
Climate is a critical factor in defining the suitability of specific areas for rice cultivation. As an example, rice grows well when partially submerged in water. In comparison to other grains, it requires large amounts of water for maximum yield (weeds control). In addition to accessibility to large supplies of water

(rainfall, river, lakes, aquifers) areas suitable for rice cultivation should have warm temperatures, low winds, and low evaporation rates (Vicente-Chandler, 1977).

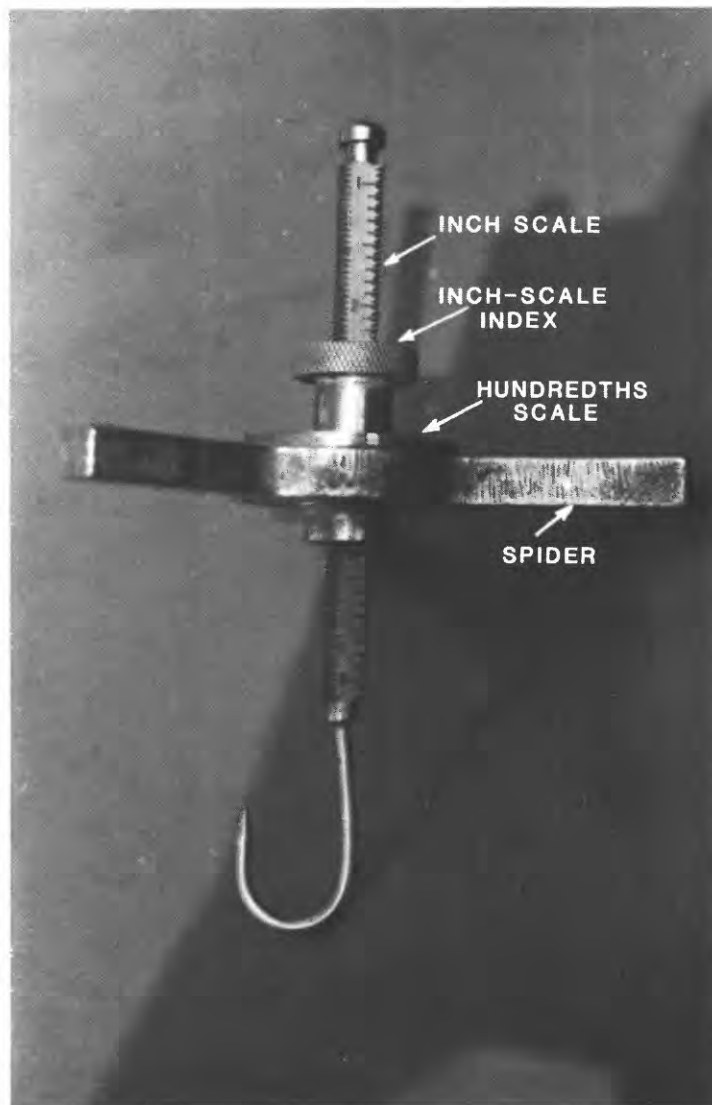
The total amount of water required by a crop for its normal growth is defined as the water lost by evapotranspiration and infiltration, plus the amount of water required by the irrigation technique utilized (in the case of rice continuous flooding). Experiments conducted by Silva and Vicente-Chandler (1982, p. 185) and Román-Más (1985, p.16) indicated that about 2.90 acre-ft/acre of the 4 acre-ft/acre (73 percent) of water required for rice irrigation is evapotranspired. The use of pan evaporation values to estimate actual evapotranspiration is a widely accepted technique. A series of correlations utilizing temperature, wind velocity, and pan evaporation data might provide a theoretical model by which evapotranspiration can be estimated for other areas.

Irrigation required is the quantity of water other than from precipitation that has to be supplied for crop production. For a rice crop it can be determined by subtracting the precipitation during a period of 120 consecutive days (which is approximately the duration of a crop cycle for rice) from the water required. Data collected indicate that rainfall provides from 0.28 acre-ft/acre (7 percent) to 2.43 (61 percent) of the total water required. This assumes an efficient use of the rainfall, which may or may not be possible.





**Figure 9.--U.S. Weather service class A land pan (Top) and a hook-gage in a stilling well (Bottom).**



***Figure 10.--A micrometer hook-gage.***

**Table 1. Weather data and statistical analyses for the Vega Baja weather station  
May 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	---	---	---	---	---	---
2	---	---	---	---	---	---
3	---	---	---	---	---	---
4	---	---	---	---	---	---
5	---	---	---	---	---	---
6	---	---	---	---	---	---
7	---	---	---	---	---	---
8	---	---	---	---	---	---
9	---	---	---	---	---	---
10	---	---	---	---	---	---
11	---	---	---	---	---	---
12	---	---	---	---	---	---
13	---	---	---	---	---	---
14	---	---	---	---	---	---
15	---	---	---	---	---	---
16	---	---	---	---	---	---
17	---	---	---	---	---	---
18	---	---	---	---	---	---
19	---	---	---	---	---	---
20	78.0	87.0	69.0	0.83 19.9	0.32	0.323
21	78.3	86.5	70.0	0.83 19.9	0.32	0.323
22	78.3	86.5	70.0	0.83 19.9	0.33	0.323
23	78.5	86.0	71.0	0.84 20.2	0.09	0.216
24	79.5	86.0	73.0	0.92 22.1	0.01	0.203
25	79.5	87.0	72.0	0.48 11.5	0.35	0.172
26	79.8	87.5	72.0	0.48 11.5	0.35	0.172
27	80.0	88.0	72.0	0.60 14.4	0.03	0.180
28	80.8	89.5	72.0	0.60 14.4	0.00	0.180
29	80.8	89.5	72.0	0.60 14.4	0.00	0.180
30	80.8	89.5	72.0	0.60 14.4	0.00	0.180
31	81.5	91.0	72.0	1.14 27.4	0.00	0.235
MEAN DAILY VALUE	---	---	---	---	---	---
STANDARD DEVIATION	---	---	---	---	---	---
EXTREME DAILY VALUE	NA	---	---	NA	MAX --- MIN ---	MAX --- MIN ---
TOTAL FOR THE MONTH	NA	NA	NA	NA	---	---

**Table 1. (Continued)**  
**VEGA BAJA JUNE 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	80.0	88.0	72.0	1.20 28.8	0.00	0.314
2	79.0	88.0	70.0	1.50 35.9	0.00	0.192
3	79.5	89.0	70.0	1.50 35.9	0.00	0.192
4	79.5	89.0	70.0	1.50 35.9	0.00	0.192
5	79.5	89.0	70.0	1.50 35.9	0.00	0.192
6	80.0	70.0	70.0	1.48 35.5	0.31	0.291
7	81.0	90.0	72.0	1.49 35.8	0.08	0.188
8	79.0	88.0	70.0	1.49 35.8	0.12	0.188
9	78.0	86.0	70.0	1.49 35.8	0.05	0.188
10	79.5	87.0	72.0	1.39 35.8	0.00	0.280
11	80.0	89.0	71.0	1.39 35.8	0.00	0.280
12	80.0	89.0	71.0	1.39 33.3	0.00	0.280
13	80.5	91.0	70.0	1.01 24.1	0.00	0.229
14	82.0	91.0	73.0	0.89 21.5	0.15	0.353
15	83.0	92.0	74.0	0.99 24.0	0.03	0.262
16	85.0	93.0	78.0	0.92 22.1	0.00	0.236
17	84.5	94.0	75.0	1.17 28.1	0.07	0.165
18	83.8	94.0	72.5	1.17 28.1	0.07	0.165
19	83.8	94.0	72.5	1.17 28.1	0.07	0.165
20	82.0	94.0	70.0	1.17 28.1	0.01	0.165
21	81.5	89.0	74.0	1.37 32.9	0.00	0.186
22	82.5	94.0	71.0	1.18 28.4	0.00	0.112
23	83.5	95.0	72.0	0.99 23.8	0.00	0.420
24	81.0	94.0	68.0	0.99 23.8	0.00	0.420
25	81.0	94.0	68.0	0.99 23.8	0.05	0.420
26	81.0	94.0	68.0	0.99 3.8	0.50	0.420
27	81.0	94.0	68.0	0.78 18.8	0.30	0.133
28	82.5	90.0	75.0	1.96 47.0	0.00	0.163
29	81.5	91.0	72.0	2.23 53.5	0.18	0.286
30	81.5	90.0	73.0	1.85 44.4	0.21	0.307
MEAN DAILY VALUE	81.2	90.3	71.4	1.30 31.8	0.07	0.246
STANDARD DEVIATION	1.73	4.56	2.29	0.325 9.25	0.120	0.089
EXTREME DAILY VALUE	NA	95.0	68.0	NA MAX 53.5 MIN 03.8	MAX 0.31 MIN 0.00	MAX 0.420 MIN 0.133
TOTAL FOR THE MONTH	NA	NA	NA	NA 953.3	2.10	7.384

**Table 1. (Continued)**  
**VEGA BAJA JULY 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	82.0	88.0	76.0	1.29	30.6	0.49	0.312
2	81.5	88.5	74.5	1.29	30.6	0.49	0.312
3	81.5	88.5	74.5	1.29	30.6	0.49	0.312
4	81.5	88.5	74.5	1.29	30.6	0.49	0.312
5	81.5	88.5	74.5	1.29	30.6	0.49	0.312
6	81.0	89.0	73.0	1.19	28.6	0.00	0.168
7	81.5	89.0	74.0	1.19	28.6	0.00	0.168
8	82.0	89.0	75.0	1.07	25.7	0.00	0.240
9	81.5	80.5	73.0	1.07	25.7	0.00	0.240
10	81.5	90.5	73.0	1.07	25.7	0.00	0.240
11	81.0	91.0	71.0	0.11	2.6	0.00	0.224
12	81.0	90.0	73.0	0.64	15.4	0.10	0.744
13	81.0	91.0	73.0	1.88	45.1	0.00	0.216
14	83.5	89.0	78.0	1.88	45.1	0.00	0.216
15	81.0	90.0	73.0	0.86	20.6	0.44	0.168
16	81.0	90.0	72.5	0.86	20.6	0.44	0.168
17	81.0	90.0	72.5	0.86	20.6	0.44	0.168
18	81.0	90.0	72.0	0.86	20.6	0.09	0.168
19	82.0	89.0	75.0	1.77	42.5	0.00	0.240
20	82.5	89.0	76.0	1.91	45.8	0.11	0.264
21	81.8	89.5	74.0	1.91	45.8	0.11	0.264
22	81.8	89.5	74.0	1.91	45.8	0.11	0.264
23	81.8	89.5	74.0	1.91	45.8	0.11	0.264
24	81.8	89.5	74.0	1.91	45.8	0.11	0.264
25	81.0	90.0	72.0	1.29	31.0	0.00	0.240
26	82.0	90.0	74.0	1.54	37.0	0.00	0.240
27	80.0	89.0	71.0	1.52	36.5	0.02	0.336
28	80.0	89.0	71.0	1.70	40.8	0.03	0.288
29	82.0	90.0	74.0	1.05	25.2	0.27	0.192
30	83.0	89.0	72.5	1.25	25.2	0.27	0.192
31	83.0	89.0	72.5	1.05	25.2	0.27	0.192
MEAN DAILY VALUE	81.6	89.1	73.6	1.31	31.3	0.17	0.256
STANDARD DEVIATION	0.760	1.73	1.52	0.44	10.6	0.190	0.103
EXTREME DAILY VALUE	NA	91.0	71.0	NA	MAX 45.8 MIN 02.6	MAX 0.49 MIN 0.00	MAX 0.744 MIN 0.160
TOTAL FOR THE MONTH	NA	NA	NA	NA	969.8	5.27	7.928

**Table 1. (Continued)**  
**VEGA BAJA AUGUST 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	79.5	88.0	71.0	0.69	16.7	0.38	0.168
2	80.5	89.0	72.0	0.69	16.7	0.00	0.168
3	81.0	85.0	77.0	1.52	36.6	0.00	0.312
4	81.0	90.0	72.0	1.70	40.7	0.10	0.240
5	80.5	89.0	73.0	1.36	32.6	0.04	0.240
6	80.3	89.5	71.5	1.36	32.6	0.04	0.240
7	80.3	89.5	71.5	1.36	32.6	0.05	0.240
8	80.0	90.0	70.0	1.07	25.7	0.02	0.288
9	80.0	89.0	71.0	1.33	32.0	0.00	0.288
10	83.0	94.0	72.0	1.37	32.9	0.27	0.168
11	83.0	94.0	72.0	0.86	20.6	0.05	0.360
12	80.0	88.0	72.0	0.83	19.8	0.48	0.240
13	80.5	90.0	71.0	0.83	19.8	0.48	0.240
14	80.5	90.0	71.0	0.83	19.8	0.48	0.240
15	81.0	92.0	70.0	0.67	15.5	0.39	0.144
16	81.5	90.0	73.0	0.67	15.5	0.19	0.144
17	82.0	89.0	75.0	0.40	9.6	0.35	0.096
18	80.5	89.0	72.0	0.86	20.5	0.00	0.240
19	81.5	91.0	72.0	0.88	21.1	0.74	0.240
20	81.0	90.0	72.0	0.88	21.1	0.74	0.240
21	81.0	90.0	72.0	0.88	21.1	0.74	0.240
22	80.5	89.0	72.0	1.33	32.0	0.00	0.216
23	81.0	89.0	73.0	1.29	31.0	0.00	0.384
24	81.0	89.0	73.0	1.21	29.0	0.14	0.240
25	81.0	89.0	73.0	0.48	11.7	0.10	0.144
26	79.0	87.0	71.0	0.40	9.6	0.04	0.096
27	79.5	88.0	71.0	0.40	9.6	0.04	0.096
28	79.5	88.0	71.0	0.40	9.6	0.04	0.096
29	80.0	89.0	71.0	0.71	17.0	0.00	0.192
30	80.5	91.0	70.0	0.47	11.2	0.00	0.192
31	80.0	89.0	71.0	0.72	17.4	0.05	0.192
MEAN DAILY VALUE	80.7	89.5	71.9	0.92	22.0	0.19	0.214
STANDARD DEVIATION	0.890	1.72	1.39	0.370	8.81	0.240	0.071
EXTREME DAILY VALUE	NA	94.0	70.0	NA	MAX 40.7 MIN 9.6	MAX 0.48 MIN 0.0	MAX 0.384 MIN 0.096
TOTAL FOR THE MONTH	NA	NA	NA	NA	672.0	5.89	6.624

**Table 1. (Continued)**  
**VEGA BAJA SEPTEMBER 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	83.0	91.0	75.0	0.73	17.4	0.05	0.192
2	83.0	91.0	75.0	0.78	18.8	0.20	0.288
3	82.5	90.0	72.5	0.78	18.8	0.20	0.288
4	82.5	90.0	72.5	0.78	18.8	0.20	0.288
5	82.5	90.0	72.5	0.78	18.8	0.20	0.288
6	79.5	89.0	70.0	0.32	7.6	0.15	0.336
7	79.5	89.0	70.0	0.12	3.0	1.20	0.240
8	81.0	92.0	70.0	0.32	7.7	0.00	0.096
9	80.0	90.0	70.0	0.35	8.4	0.14	0.192
10	80.0	90.0	70.0	0.35	8.4	0.14	0.192
11	80.0	90.0	70.0	0.35	8.4	0.14	0.192
12	80.0	90.0	70.0	0.53	12.8	0.02	0.168
13	80.5	88.0	73.0	0.29	6.9	0.29	0.240
14	81.0	88.5	73.5	0.29	6.9	0.29	0.240
15	81.5	89.0	74.0	0.19	4.7	0.43	0.096
16	79.5	88.0	71.0	0.40	9.6	0.14	0.168
17	79.5	88.5	70.5	0.40	9.6	0.14	0.168
18	79.5	88.5	70.5	0.40	9.6	0.14	0.168
19	79.5	89.0	70.0	0.68	16.4	0.26	0.288
20	82.0	89.0	75.0	0.52	12.5	0.28	0.192
21	80.0	88.0	72.0	0.01	2.2	0.46	0.096
22	76.5	82.0	71.0	0.01	2.2	0.02	0.120
23	79.0	88.0	70.0	0.15	3.7	0.21	0.168
24	79.5	89.5	69.5	0.15	3.7	0.21	0.168
25	79.5	89.5	69.5	0.15	3.7	0.21	0.168
26	80.0	91.0	69.0	0.15	3.7	0.00	0.168
27	80.5	91.0	70.0	0.26	6.2	0.00	0.264
28	80.0	91.0	70.0	0.26	6.2	0.00	0.264
29	80.5	91.0	70.0	0.40	9.6	0.00	0.168
30	82.5	90.0	75.0	0.29	7.0	0.09	0.144
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MEAN DAILY VALUE	80.5	83.4	71.4	0.37	9.1	0.19	0.202
<hr/>							
STANDARD DEVIATION	1.41	1.74	1.89	0.230	5.26	0.220	0.064
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EXTREME DAILY VALUE	NA	92.0	69.5	NA	MAX 18.8 MIN 2.2	MAX 1.20 MIN 0.0	MAX 0.336 MIN 0.096
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TOTAL FOR THE MONTH	NA	NA	NA	NA	273.3	5.70	6.000



**Table 1. (Continued)**  
**VEGA BAJA OCTOBER 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	81.0	90.5	71.5	0.29 7.0	0.09	0.144
2	81.0	90.5	71.5	0.29 7.0	0.09	0.144
3	79.5	91.0	68.0	0.39 9.3	0.02	0.192
4	79.5	89.0	70.0	0.38 9.1	0.00	0.216
5	78.5	88.0	69.0	0.44 10.6	0.00	0.192
6	79.0	89.0	69.0	0.46 11.0	0.00	0.216
7	79.3	89.5	75.0	0.35 8.3	0.01	0.144
8	79.3	89.5	72.0	0.35 8.3	0.01	0.144
9	79.3	89.5	72.0	0.35 8.3	0.01	0.144
10	79.3	89.5	72.0	0.35 8.3	0.01	0.144
11	79.5	90.0	69.0	0.26 6.3	0.20	0.096
12	80.0	90.0	70.0	0.26 6.3	0.42	0.000
13	80.5	89.0	72.0	0.26 6.3	0.44	0.120
14	80.3	89.0	71.5	0.16 3.7	0.45	0.240
15	80.1	88.8	71.0	0.16 3.7	0.45	0.240
16	80.1	88.8	71.0	0.16 3.7	0.44	0.240
17	79.8	88.5	71.0	0.08 1.8	0.48	0.240
18	78.8	88.0	69.5	0.14 3.3	0.00	0.096
19	79.0	88.0	70.0	0.13 3.0	0.18	0.072
20	80.5	90.0	71.0	0.09 2.1	0.01	0.120
21	80.5	90.0	71.0	0.05 1.2	0.14	0.240
22	79.8	89.5	70.0	0.05 1.2	0.41	0.240
23	79.8	89.5	70.0	0.05 1.2	0.41	0.240
24	79.0	89.0	69.0	0.24 5.9	0.01	0.192
25	82.5	90.0	75.0	0.20 4.8	0.00	0.168
26	80.5	91.0	70.0	0.09 2.2	0.00	0.240
27	80.0	92.0	68.0	0.17 4.1	0.27	0.168
28	79.8	92.0	67.5	0.17 4.1	0.27	0.168
29	79.8	92.0	67.5	0.17 4.1	0.27	0.168
30	79.8	92.0	67.5	0.17 4.1	0.27	0.168
31	79.5	92.0	67.0	0.13 3.0	0.03	0.168
MEAN DAILY VALUE	79.8	89.8	70.3	0.22 5.3	0.18	0.171
STANDARD DEVIATION	0.770	1.21	1.93	0.117 2.82	0.129	0.058
EXTREME DAILY VALUE	NA	92.0	67.5	NA MAX 11.0 MIN 1.2	MAX 0.48 MIN 0.0	MAX 0.240 MIN 0.0
TOTAL FOR THE MONTH	NA	NA	NA	NA 163.30	5.49	5.301

**Table 1. (Continued)**  
**VEGA BAJA NOVEMBER 1983**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	78.8	90.0	67.5	0.00	3.1	0.03	0.168
2	78.0	88.0	68.0	0.07	1.0	0.00	0.168
3	78.0	87.0	69.0	0.01	0.2	0.92	0.096
4	79.0	88.0	70.0	0.04	1.0	0.42	0.432
5	79.4	90.0	69.0	0.04	1.0	0.42	0.432
6	79.4	90.0	69.0	0.04	1.0	0.42	0.432
7	79.8	92.0	67.5	0.15	3.6	0.02	0.144
8	79.0	88.0	70.0	0.20	4.7	0.01	0.168
9	78.5	88.0	69.0	0.20	4.7	0.00	0.120
10	76.8	85.5	68.0	0.15	3.6	0.01	0.144
11	78.2	89.0	67.0	0.15	3.6	0.00	0.144
12	78.2	89.0	67.0	0.15	3.6	0.01	0.144
13	78.2	89.0	67.0	0.15	3.6	0.00	0.144
14	79.5	93.0	66.0	0.23	5.5	0.01	0.168
15	81.3	92.5	70.0	0.23	5.5	0.00	0.168
16	81.3	92.5	70.0	0.23	5.5	0.00	0.168
17	83.0	92.0	74.0	0.22	5.2	0.00	0.048
18	79.3	92.0	66.5	0.20	4.9	0.18	0.192
19	78.7	91.0	66.0	0.20	4.9	0.18	0.192
20	78.7	91.0	66.0	0.20	4.9	0.18	0.192
21	78.0	90.0	66.0	0.11	2.7	0.03	0.144
22	77.8	89.5	66.0	0.11	2.7	0.03	0.144
23	77.5	89.0	66.0	0.02	0.5	0.06	0.144
24	76.8	88.5	65.0	0.02	0.5	0.06	0.144
25	76.8	88.5	65.0	0.02	0.5	0.06	0.144
26	76.8	88.5	66.0	0.02	0.5	0.06	0.144
27	76.8	88.5	65.0	0.02	0.5	0.06	0.144
28	76.0	88.0	64.0	0.20	5.6	0.00	0.120
29	76.0	87.0	65.0	0.12	2.8	0.48	0.072
30	77.0	85.0	69.0	0.25	6.0	0.00	0.144
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MEAN DAILY VALUE	78.4	89.3	67.4	0.12	3.1	0.12	0.174
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STANDARD DEVIATION	1.56	1.99	2.11	0.080	1.930	0.210	0.091
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EXTREME DAILY VALUE	NA	92.5	64.0	NA	MAX	MAX	MAX
					6.0	0.92	0.432
					MIN	MIN	MIN
					0.2	0.0	0.048
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TOTAL FOR THE MONTH	NA	NA	NA	NA	93.4	3.68	5.270

**Table 1. (Continued)**  
**VEGA BAJA DECEMBER 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	77.0	87.0	67.0	0.28 6.6	0.52	0.120
2	77.5	86.0	69.0	0.35 8.5	0.11	0.144
3	76.0	86.0	68.0	0.35 8.5	0.11	0.144
4	76.0	86.0	68.0	0.35 8.5	0.11	0.144
5	76.5	86.0	67.0	0.24 5.8	0.13	0.024
6	76.5	87.0	66.0	0.24 5.8	0.13	0.024
7	76.5	88.0	65.0	0.13 3.2	0.17	0.144
8	75.5	86.0	65.0	0.13 3.2	0.17	0.144
9	74.5	86.0	63.0	0.23 5.6	0.08	0.144
10	74.3	86.0	62.5	0.23 5.6	0.08	0.144
11	74.3	86.0	62.5	0.23 5.6	0.08	0.144
12	74.3	86.0	62.5	0.23 5.6	0.08	0.144
13	74.0	86.0	62.0	0.15 3.6	0.02	0.168
14	74.5	87.0	62.0	0.30 7.2	0.16	0.168
15	75.0	86.0	64.0	0.30 7.2	0.17	0.168
16	77.5	86.0	69.0	0.32 7.6	0.25	0.144
17	77.0	86.0	68.0	0.32 7.6	0.25	0.144
18	77.0	86.0	68.0	0.32 7.6	0.27	0.144
19	76.5	86.0	67.0	0.24 5.8	0.03	0.168
20	76.0	86.0	66.0	0.17 4.2	0.00	0.144
21	75.5	86.0	67.0	0.22 5.3	0.18	0.168
22	77.0	86.0	68.0	0.14 3.4	0.04	0.120
23	76.8	88.0	65.5	0.14 3.4	0.04	0.120
24	76.8	88.0	65.5	0.14 3.4	0.04	0.120
25	76.8	88.0	65.5	0.14 3.4	0.04	0.120
26	76.8	88.0	65.5	0.14 3.4	0.04	0.120
27	76.5	90.0	63.0	0.25 6.1	0.19	0.096
28	76.5	86.0	67.0	0.30 7.4	0.33	0.144
29	77.5	86.0	69.0	0.18 4.2	0.29	0.168
30	76.3	85.5	67.0	0.18 4.2	0.29	0.168
31	76.3	85.5	67.0	0.18 4.2	0.29	0.168
MEAN DAILY VALUE	76.1	86.5	65.8	0.23 5.5	0.15	0.136
STANDARD DEVIATION	1.04	1.00	2.18	0.073 1.75	0.114	0.035
EXTREME DAILY VALUE	NA	90.0	62.0	NA MAX 8.5 MIN 3.2	MAX 0.52 MIN 0.04	MAX 0.168 MIN 0.024
TOTAL FOR THE MONTH	NA	NA	NA	NA 168.3	4.65	4.340

**Table 1. (Continued)**  
**VEGA BAJA JANUARY 1984**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	76.3	85.5	67.0	0.18	4.2	0.30	0.168
2	76.3	85.5	67.0	0.18	4.2	0.30	0.168
3	75.0	85.0	65.0	0.04	1.0	0.02	0.144
4	74.0	85.0	63.0	0.19	4.6	0.00	0.144
5	75.5	84.0	67.0	0.17	4.1	0.03	0.120
6	76.3	87.0	65.5	0.17	4.1	0.03	0.120
7	76.3	87.0	65.5	0.17	4.1	0.03	0.120
8	76.3	87.0	65.5	0.17	4.1	0.03	0.120
9	77.0	90.0	64.0	0.19	4.6	0.28	0.120
10	75.0	84.0	67.0	0.37	9.0	0.04	0.168
11	74.5	84.0	65.0	0.22	5.3	0.15	0.144
12	74.8	84.5	65.0	0.22	5.3	0.16	0.144
13	75.0	85.0	65.0	0.19	4.6	0.03	0.120
14	75.3	86.0	64.5	0.19	4.6	0.03	0.120
15	75.3	86.0	64.5	0.19	4.6	0.03	0.120
16	75.5	87.0	64.0	0.30	7.1	0.10	0.144
17	76.0	87.5	64.5	0.30	7.1	0.11	0.144
18	76.5	88.0	65.0	0.33	8.0	0.19	0.120
19	75.0	86.0	64.0	0.33	8.0	0.19	0.136
20	73.5	84.0	63.0	0.36	8.6	0.08	0.136
21	74.0	84.5	63.5	0.36	8.6	0.08	0.136
22	74.0	84.5	63.5	0.36	8.6	0.08	0.136
23	74.5	85.0	64.0	0.31	7.3	0.02	0.136
24	74.0	85.0	63.0	0.31	7.3	0.00	0.136
25	74.0	85.0	63.0	0.31	7.3	0.00	0.136
26	74.0	85.0	63.0	0.31	7.3	0.00	0.136
27	74.0	85.0	63.0	0.31	7.3	0.00	0.136
28	74.0	85.0	63.0	0.31	7.3	0.00	0.136
29	74.0	85.0	63.0	0.31	7.3	0.00	0.136
30	74.0	85.0	63.0	0.31	7.3	0.00	0.136
31	74.0	85.0	63.0	0.31	7.3	0.00	0.136
MEAN DAILY VALUE	75.0	85.5	64.4	0.26	6.1	0.07	0.131
STANDARD DEVIATION	0.986	1.33	1.32	0.080	1.89	0.091	0.015
EXTREME DAILY VALUE	NA	90.0	63.0	NA	MAX 9.0 MIN 1.0	MAX 0.30 MIN 0.0	MAX 0.168 MIN 0.120
TOTAL FOR THE MONTH	NA	NA	NA	NA	188.8	2.31	4.048

**Table 1. (Continued)**  
**VEGA BAJA FEBRUARY 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	74.0	85.0	63.0	0.31	7.3	0.00	0.136
2	74.0	85.0	63.0	0.31	7.3	0.00	0.136
3	73.5	85.0	62.0	0.33	8.0	0.00	0.024
4	75.3	88.5	62.0	0.33	8.0	0.00	0.024
5	75.3	88.5	62.0	0.33	8.0	0.00	0.024
6	77.0	92.0	62.0	0.54	12.8	0.11	0.552
7	77.0	89.0	65.0	0.26	6.2	0.00	0.264
8	74.5	86.0	63.0	0.40	9.6	0.48	0.336
9	77.5	86.0	68.0	0.34	8.1	1.43	0.336
10	77.0	85.0	69.0	1.03	24.7	0.83	0.384
11	75.3	83.5	67.0	1.03	24.7	0.83	0.384
12	75.3	83.5	67.0	1.03	24.7	0.85	0.384
13	73.5	82.0	65.0	0.77	18.5	0.52	0.096
14	74.0	83.0	65.0	0.91	21.7	0.01	0.216
15	74.0	83.0	65.0	1.34	32.2	0.82	0.168
16	76.0	84.0	68.0	1.07	25.7	0.00	0.048
17	77.5	85.0	70.0	0.79	19.0	0.00	0.048
18	75.5	86.0	70.5	0.79	19.0	0.00	0.048
19	75.5	86.0	70.5	0.79	19.0	0.00	0.048
20	75.5	86.0	70.5	0.79	19.0	0.00	0.048
21	75.5	86.0	70.5	0.79	19.0	0.00	0.048
22	75.5	86.0	70.5	0.79	19.0	0.00	0.048
23	75.5	86.0	70.5	0.79	19.0	0.00	0.048
24	75.5	86.0	70.5	0.79	19.0	0.00	0.048
25	75.5	86.0	70.5	0.79	19.0	0.00	0.048
26	75.5	86.0	70.5	0.79	19.0	0.00	0.048
27	75.5	86.0	70.5	0.79	19.0	0.00	0.048
28	75.5	86.0	70.5	0.79	19.0	0.00	0.048
29	75.5	86.0	70.5	0.79	19.0	0.00	0.048
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MEAN DAILY VALUE	75.4	85.7	67.3	0.71	17.0	0.20	0.164
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STANDARD DEVIATION	1.06	1.95	3.34	0.274	6.59	0.377	0.146
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EXTREME DAILY VALUE	NA	92.0	62.0	NA	MAX 25.7 MIN 6.2	MAX 1.43 MIN 0.0	MAX 0.552 MIN 0.024
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TOTAL FOR THE MONTH	NA	NA	NA	NA	494.50	5.88	4.784
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**Table 1. (Continued)**  
**VEGA BAJA MARCH 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	75.5	86.5	66.3	0.31	7.3	0.00	0.048
2	75.5	86.5	66.3	0.31	7.3	0.00	0.048
3	75.5	86.5	66.3	0.31	7.3	0.00	0.048
4	75.5	86.5	66.3	0.31	7.3	0.00	0.048
5	75.5	86.5	66.3	0.31	7.3	0.00	0.048
6	75.5	86.5	66.3	0.31	7.3	0.00	0.048
7	75.5	86.5	66.3	0.31	7.3	0.00	0.048
8	75.5	86.5	66.3	0.31	7.3	0.00	0.048
9	75.3	88.0	62.5	4.44	106.5	0.05	0.096
10	74.6	86.8	62.3	4.44	106.5	0.05	0.096
11	74.6	86.8	62.3	4.44	106.5	0.06	0.096
12	74.6	86.8	62.3	4.44	106.5	0.06	0.096
13	73.8	85.5	62.0	2.00	48.0	0.11	0.264
14	76.5	85.0	68.0	1.59	38.2	0.00	0.288
15	74.8	84.5	65.0	1.59	38.2	0.02	0.288
16	75.5	85.0	66.0	1.08	25.8	0.02	0.336
17	73.9	84.5	63.3	1.08	25.8	0.03	0.336
18	73.9	84.5	63.3	1.08	25.8	0.20	0.336
19	72.3	84.0	60.5	1.38	33.0	0.00	0.048
20	73.5	84.0	63.0	1.41	33.9	0.00	0.288
21	73.0	84.0	62.0	1.43	34.2	0.00	0.240
22	76.5	88.0	65.0	2.07	49.7	0.00	0.264
23	78.0	86.0	70.0	1.42	34.1	0.00	0.288
24	77.0	88.0	66.0	1.42	34.1	0.00	0.288
25	77.0	88.0	66.0	1.42	34.1	0.00	0.288
26	76.0	90.0	62.0	1.05	25.1	0.00	0.216
27	77.3	90.0	64.5	2.12	50.8	0.00	0.288
28	75.0	87.0	63.0	1.55	37.1	0.00	0.264
29	78.3	91.0	65.5	1.70	40.8	0.00	0.336
30	79.5	94.5	64.5	1.10	26.3	0.00	0.264
31	79.1	91.3	66.8	1.10	26.3	0.00	0.264
<hr/>							
MEAN DAILY VALUE	75.6	86.9	64.7	1.54	37.0	0.02	0.192
<hr/>							
STANDARD DEVIATION	1.65	2.35	2.13	1.24	29.9	0.042	0.114
<hr/>							
EXTREME DAILY VALUE	NA	94.5	60.5	NA	MAX 106.5 MIN 7.3	MAX 0.20 MIN 0.0	MAX 0.336 MIN 0.048
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TOTAL FOR THE MONTH	NA	NA	NA	NA	1145.7	0.60	5.956

**Table 1. (Continued)**  
**VEGA BAJA      APRIL 1984**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	79.1	91.3	66.8	0.00	37.4	0.00	0.264
2	78.5	90.0	67.0	1.02	24.4	0.22	0.264
3	78.5	88.0	69.0	1.13	27.1	0.05	0.288
4	75.5	86.0	65.0	2.09	50.0	0.00	0.192
5	77.5	92.0	63.0	1.13	27.1	0.00	0.144
6	78.8	93.5	64.0	1.47	35.2	0.00	0.264
7	78.7	94.3	63.0	1.47	35.2	0.00	0.264
8	78.7	94.3	63.0	1.47	35.2	0.00	0.264
9	78.5	95.0	62.0	1.88	45.2	0.00	0.312
10	77.0	93.0	61.0	0.98	23.4	0.00	0.264
11	80.5	94.0	67.0	1.38	33.2	0.00	0.312
12	78.0	90.0	66.0	0.66	15.9	0.00	0.168
13	78.0	90.0	66.0	2.01	48.2	0.00	0.312
14	77.5	90.0	65.0	2.01	48.2	0.00	0.312
15	77.5	90.0	65.0	2.01	48.2	0.00	0.312
16	77.0	90.0	64.0	1.23	29.5	0.00	0.216
17	78.0	91.0	65.0	1.75	42.1	0.00	0.264
18	77.0	90.0	64.0	2.03	48.7	0.00	0.312
19	78.0	90.0	66.0	2.05	49.2	0.01	0.288
20	77.3	89.0	65.5	2.05	49.2	0.01	0.288
21	77.3	89.0	65.5	2.05	49.2	0.01	0.288
22	77.3	89.0	65.5	2.05	49.2	0.01	0.288
23	76.5	88.0	65.0	1.83	44.0	0.00	0.288
24	77.0	90.0	64.0	1.61	38.7	0.00	0.336
25	78.0	91.0	65.0	1.23	29.4	0.00	0.216
26	79.0	90.0	68.0	0.96	22.9	0.06	0.288
27	78.5	89.0	68.0	1.52	36.5	0.00	0.264
28	76.8	88.5	66.0	1.52	36.5	0.00	0.264
29	76.8	88.5	66.0	1.52	36.5	0.00	0.264
30	75.0	88.0	64.0	1.09	26.2	0.06	0.288
MEAN DAILY VALUE	77.7	90.4	65.1	1.51	37.4	0.01	0.269
STANDARD DEVIATION	1.09	2.15	1.76	0.493	9.76	0.042	0.043
EXTREME DAILY VALUE	NA	95.0	61.0	NA	MAX 50.0 MIN 15.9	MAX 0.22 MIN 0.0	MAX 0.336 MIN 0.144
TOTAL FOR THE MONTH	NA	NA	NA	NA	1121.7	0.43	8.088



**Table 1. (Continued)**  
**VEGA BAJA MAY 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	75.5	85.0	66.0	1.29	30.9	0.00	0.192
2	77.5	85.0	70.0	2.79	66.9	0.08	0.408
3	81.0	88.0	74.0	2.12	50.8	0.04	0.192
4	81.0	88.0	72.0	2.13	51.2	0.03	0.360
5	78.8	88.5	69.0	2.13	51.2	0.03	0.360
6	78.8	88.5	69.0	2.13	51.2	0.04	0.360
7	77.5	89.0	66.0	1.74	41.9	0.00	0.312
8	77.0	89.0	65.0	1.89	45.4	0.23	0.288
9	79.0	88.5	69.5	1.54	37.0	0.00	0.360
10	78.0	88.0	68.0	1.90	45.7	0.13	0.240
11	80.0	91.0	69.0	1.60	38.4	0.03	0.288
12	78.5	89.5	67.5	1.60	38.4	0.04	0.288
13	78.5	89.5	67.5	1.60	38.4	0.05	0.288
14	77.0	88.0	66.0	1.83	43.8	0.07	0.288
15	78.0	88.0	68.0	1.54	36.9	0.01	0.288
16	77.5	87.0	68.0	1.52	36.4	0.00	0.312
17	78.0	88.0	68.0	1.19	28.5	1.06	0.384
18	80.0	91.0	69.0	1.22	29.4	0.20	0.216
19	79.3	89.5	69.0	1.22	29.4	0.20	0.216
20	79.3	89.5	69.0	1.22	29.4	0.20	0.216
21	78.5	88.0	69.0	1.77	42.5	0.04	0.288
22	79.5	89.0	71.0	1.73	41.6	0.10	0.240
23	76.5	83.0	70.0	1.68	40.3	0.44	0.240
24	78.5	88.0	69.0	1.44	34.5	0.01	0.144
25	77.5	86.0	69.0	1.14	27.4	0.22	0.216
26	78.2	86.8	69.5	1.14	27.4	0.22	0.216
27	78.2	86.8	69.5	1.14	27.4	0.22	0.216
28	78.2	86.8	69.5	1.14	27.4	0.24	0.216
29	78.8	87.5	70.0	1.17	28.0	0.09	0.168
30	78.5	86.0	71.0	1.03	24.7	0.00	0.192
31	79.5	90.0	73.0	1.01	24.2	0.00	0.288
MEAN DAILY VALUE	78.4	87.9	69.0	1.57	37.6	0.13	0.267
STANDARD DEVIATION	1.18	1.72	1.91	0.410	9.86	0.200	0.067
EXTREME DAILY VALUE	NA	91.0	65.0	NA	MAX 66.9 MIN 24.2	MAX 1.06 MIN 0.0	MAX 4.080 MIN 0.144
TOTAL FOR THE MONTH	NA	NA	NA	NA	1166.6	4.07	8.277

**Table 1. (Continued)**  
**VEGA BAJA JUNE 1984**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	81.4	92.5	72.5	1.01	24.2	0.00	0.288
2	81.4	92.5	72.5	1.01	24.2	0.00	0.288
3	81.4	92.5	72.5	1.01	24.2	0.00	0.288
4	81.4	92.5	72.5	1.01	24.2	0.01	0.288
5	83.5	95.0	72.0	0.52	12.6	1.48	0.216
6	81.0	90.0	72.0	0.10	2.4	0.05	0.120
7	83.0	84.0	72.0	0.22	5.4	0.78	0.168
8	78.8	86.5	71.0	0.51	12.2	0.01	0.168
9	79.1	87.5	70.5	0.51	12.2	0.01	0.168
10	79.1	87.5	70.5	0.51	12.2	0.01	0.168
11	79.3	88.5	70.0	0.77	18.4	0.11	0.192
12	79.0	87.0	71.0	1.10	26.3	0.34	0.312
13	79.8	86.5	73.0	0.26	6.1	0.25	0.192
14	78.0	86.0	70.0	0.97	23.4	0.00	0.168
15	79.5	88.0	71.0	0.97	23.4	0.00	0.168
16	79.5	88.0	71.0	0.97	23.4	0.00	0.168
17	79.5	88.0	71.0	0.97	23.4	0.00	0.168
18	81.0	90.0	72.0	0.44	10.5	0.01	0.144
19	78.5	87.5	69.5	0.50	12.1	0.01	0.168
20	78.0	87.0	69.0	0.95	22.8	0.00	0.192
21	79.0	88.0	70.0	0.74	17.8	0.00	0.168
22	79.0	88.0	70.0	0.99	23.7	0.00	0.242
23	79.3	88.0	70.0	0.99	23.7	0.00	0.242
24	79.3	88.0	70.0	0.99	23.7	0.00	0.242
25	79.5	89.0	70.0	1.27	30.4	0.00	0.264
26	79.5	89.0	70.0	1.27	30.4	0.00	0.264
27	79.5	89.0	70.0	1.96	47.2	0.05	0.168
28	80.5	89.0	72.0	1.08	26.0	0.02	0.168
29	78.5	88.0	69.0	2.00	48.1	0.07	0.240
30	79.5	89.0	70.0	2.00	48.1	0.07	0.240
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MEAN DAILY VALUE	79.8	84.4	70.9	0.92	22.1	0.11	0.207
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STANDARD DEVIATION	1.33	2.28	1.13	0.465	11.2	0.296	0.052
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EXTREME DAILY VALUE	NA	92.5	69.0	NA	MAX	MAX	MAX
					48.1	1.48	0.312
					MIN	MIN	MIN
					2.4	0.0	0.120
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TOTAL FOR THE MONTH	NA	NA	NA	NA	662.7	3.30	6.300

**Table 1. (Continued)**  
**VEGA BAJA JULY 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	79.5	88.7	70.0	2.00	48.1	0.07	0.240
2	80.5	90.0	71.0	1.39	33.3	0.58	0.192
3	77.5	89.0	71.0	1.39	33.3	0.58	0.192
4	77.5	89.0	71.0	1.39	33.3	0.59	0.192
5	74.5	78.0	71.0	0.86	20.7	0.00	0.120
6	79.5	87.0	72.0	1.23	36.8	0.01	0.264
7	79.5	87.5	71.5	1.53	36.8	0.01	0.264
8	79.5	87.5	71.5	1.53	36.8	0.01	0.264
9	79.5	88.0	71.0	1.06	25.5	0.08	0.312
10	78.5	88.0	69.0	0.75	17.9	0.83	0.168
11	78.1	86.5	69.6	0.75	17.9	0.84	0.168
12	77.6	85.0	70.2	1.56	37.5	0.01	0.240
13	80.0	88.0	72.0	1.21	29.0	0.11	0.216
14	80.5	90.0	71.0	1.21	29.0	0.12	0.216
15	80.5	90.0	71.0	1.21	29.0	0.12	0.216
16	81.0	92.0	70.0	1.41	33.9	0.01	0.240
17	80.0	90.0	70.0	1.41	33.9	0.01	0.240
18	79.0	88.0	70.0	0.80	19.2	0.03	0.216
19	78.3	87.5	69.0	0.80	19.2	0.03	0.216
20	77.5	87.0	68.0	0.70	16.8	0.22	0.168
21	78.0	87.0	69.0	0.70	16.8	0.22	0.168
22	78.0	87.0	69.0	0.70	16.8	0.23	0.168
23	78.5	87.0	70.0	1.28	30.7	0.18	0.216
24	80.3	86.5	74.0	2.41	57.9	0.01	0.264
25	81.5	87.0	76.0	2.30	55.2	0.08	0.288
26	82.3	87.5	77.0	1.62	38.9	0.00	0.240
27	81.4	90.3	75.0	0.93	22.2	0.06	0.264
28	81.0	90.7	72.5	0.93	22.2	0.06	0.264
29	81.0	90.7	72.5	0.93	22.2	0.06	0.264
30	80.5	91.0	70.0	1.19	28.6	0.00	0.192
31	81.0	90.0	72.0	0.68	16.3	0.03	0.120
MEAN DAILY VALUE	79.4	88.1	71.2	1.22	29.5	0.17	0.219
STANDARD DEVIATION	1.60	2.50	2.02	0.444	10.8	0.241	0.046
EXTREME DAILY VALUE	NA	92.0	68.0	NA	MAX 57.9 MIN 16.3	MAX 0.84 MIN 0.0	MAX 0.312 MIN 0.12
TOTAL FOR THE MONTH	NA	NA	NA	NA	915.7	5.31	6.820

**Table 1. (Continued)**  
**VEGA BAJA AUGUST 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	79.0	87.0	71.0	1.84	44.2	0.56	0.192
2	80.0	88.0	72.0	1.84	44.2	0.57	0.192
3	77.9	84.2	71.5	1.01	24.2	0.28	0.216
4	78.5	86.1	71.3	1.01	24.2	0.28	0.216
5	78.5	86.1	71.3	1.01	24.2	0.29	0.216
6	79.0	88.0	70.0	0.79	18.9	0.00	0.240
7	78.3	87.5	69.0	0.70	16.7	0.00	0.240
8	79.0	89.0	69.0	1.27	30.6	0.00	0.240
9	80.8	89.5	72.0	1.42	34.0	0.00	0.288
10	80.2	91.0	71.0	1.32	31.7	0.01	0.248
11	80.2	90.0	71.0	1.32	31.7	0.02	0.248
12	80.2	90.0	71.0	1.32	31.7	0.02	0.248
13	79.5	89.0	70.0	1.10	26.4	0.00	0.240
14	79.3	89.0	69.5	1.09	26.1	0.24	0.192
15	81.5	90.0	73.0	0.78	18.7	0.00	0.168
16	81.0	89.0	73.0	0.50	11.9	0.02	0.048
17	81.3	91.5	71.0	0.85	20.3	0.09	0.216
18	80.9	92.8	69.0	0.85	20.3	0.09	0.216
19	80.9	92.8	69.0	0.85	20.3	0.09	0.216
20	80.5	94.0	67.0	0.86	20.6	0.12	0.264
21	81.3	90.5	72.0	0.88	21.2	0.22	0.432
22	80.8	89.8	71.8	0.88	21.2	0.23	0.432
23	80.3	84.0	71.5	1.51	36.3	0.00	0.240
24	81.0	89.0	73.0	1.14	27.3	0.24	0.168
25	80.4	88.8	72.0	1.14	27.3	0.24	0.168
26	80.4	88.8	72.0	1.14	27.3	0.25	0.168
27	79.8	88.5	71.0	0.81	19.4	0.01	0.168
28	80.8	86.0	75.5	1.09	26.1	0.00	0.240
29	80.8	91.0	70.5	1.04	24.8	0.06	0.216
30	80.5	89.0	72.0	0.73	17.4	0.03	0.264
31	79.5	89.0	70.0	0.58	14.0	0.02	0.192
MEAN DAILY VALUE	80.1	89.0	71.1	1.05	25.3	0.13	0.227
STANDARD DEVIATION	0.960	2.25	1.58	0.314	7.56	0.155	0.069
EXTREME DAILY VALUE	NA	94.0	67.0	NA	MAX 44.2 MIN 11.9	MAX 0.57 MIN 0.0	MAX 0.432 MIN 0.048
TOTAL FOR THE MONTH	NA	NA	NA	NA	783.2	3.97	7.130

**Table 1. (Continued)**  
**VEGA BAJA SEPTEMBER 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	FAN EVAPORATION (IN/DAY)
1	79.3	89.0	69.5	0.58 14.0	0.03	0.192
2	79.3	89.0	69.5	0.58 14.0	0.03	0.192
3	79.3	89.0	69.5	0.58 14.0	0.03	0.192
4	79.0	89.0	69.0	0.82 20.2	0.15	0.164
5	80.0	89.5	70.5	0.82 20.2	0.15	0.164
6	81.0	90.0	72.0	0.94 22.5	0.01	0.231
7	80.8	92.0	69.5	1.01 24.3	0.01	0.236
8	80.7	91.0	70.3	1.01 24.3	0.01	0.236
9	80.7	91.0	70.3	1.01 24.3	0.01	0.236
10	80.5	90.0	71.0	0.89 21.3	0.01	0.178
11	79.3	89.5	69.0	0.34 8.1	0.14	0.204
12	79.9	89.8	70.0	0.34 8.1	0.14	0.204
13	80.5	90.0	71.0	0.38 9.1	0.31	0.230
14	80.5	89.0	72.0	0.37 8.8	0.31	0.085
15	80.5	89.3	71.8	0.37 8.8	0.32	0.085
16	80.5	89.3	71.8	0.37 8.8	0.32	0.085
17	80.5	89.5	71.5	0.13 3.0	0.60	0.099
18	79.9	89.0	70.8	0.13 3.0	0.61	0.099
19	79.3	88.5	70.0	0.47 11.4	0.02	0.113
20	81.0	91.0	71.0	0.07 1.6	0.02	0.106
21	78.5	84.0	73.0	0.33 7.8	0.05	0.156
22	78.7	87.3	70.0	0.33 7.8	0.06	0.156
23	78.7	87.3	70.0	0.33 7.8	0.06	0.156
24	78.8	90.5	67.0	0.45 10.7	0.00	0.217
25	80.0	90.0	70.0	0.74 17.7	0.00	0.204
26	87.3	91.5	69.5	0.74 17.7	0.00	0.204
27	87.3	91.5	69.5	0.74 17.7	0.00	0.204
28	81.0	93.0	69.0	0.86 20.7	0.01	0.222
29	81.0	92.3	69.8	0.86 20.7	0.01	0.222
30	81.0	92.3	69.8	0.86 20.7	0.01	0.222
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MEAN DAILY VALUE	80.5	89.8	70.2	0.61 14.3	0.12	0.176
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STANDARD DEVIATION	1.98	1.74	1.18	0.282 6.83	0.167	0.051
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EXTREME DAILY VALUE	NA	93.0	67.0	NA MAX 24.3 MIN 1.6	MAX 0.61 MIN 0.00	MAX 0.236 MIN 0.095
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TOTAL FOR THE MONTH	NA	NA	NA	NA 419.10	3.42	5.297
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**Table 1. (Continued)**  
**VEGA BAJA OCTOBER 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	81.0	92.3	69.8	0.00	0.0	0.00	0.166
2	81.0	91.5	70.5	0.71	17.1	0.00	0.188
3	81.5	93.0	70.0	0.28	6.9	0.36	0.104
4	81.0	92.5	69.5	0.28	6.9	0.36	0.104
5	81.0	92.5	69.5	0.28	6.9	0.36	0.104
6	81.0	92.5	69.5	0.28	6.9	0.36	0.104
7	81.0	92.5	69.5	0.28	6.9	0.37	0.104
8	81.0	92.0	69.5	0.28	6.9	0.38	0.104
9	80.5	92.0	69.0	0.02	0.5	0.01	0.184
10	77.8	83.5	72.0	0.60	14.3	0.01	0.264
11	78.6	87.8	68.8	0.60	14.3	0.01	0.264
12	78.6	87.8	68.8	0.60	14.3	0.01	0.264
13	78.6	87.8	68.8	0.60	14.3	0.00	0.264
14	78.6	87.8	68.8	0.60	14.3	0.00	0.264
15	78.6	87.8	68.8	0.60	14.3	0.00	0.264
16	79.3	93.0	65.5	0.60	14.3	0.01	0.157
17	77.0	90.0	64.0	0.43	10.2	0.05	0.130
18	78.0	88.0	68.0	0.64	15.3	0.03	0.183
19	78.5	88.0	69.0	0.77	18.5	0.31	0.176
20	79.9	90.3	69.5	0.77	18.5	0.32	0.176
21	79.9	90.3	69.5	0.77	18.5	0.32	0.176
22	81.3	92.5	70.0	0.57	13.7	0.33	0.186
23	83.0	97.0	69.0	0.09	2.1	0.20	0.338
24	79.3	90.5	68.0	0.48	10.2	0.00	0.095
25	80.6	91.5	69.5	0.48	10.2	0.00	0.095
26	81.8	92.5	71.0	1.09	26.3	0.29	0.166
27	80.8	90.0	71.5	1.09	26.3	0.30	0.166
28	80.8	90.0	71.5	1.09	26.3	0.30	0.166
29	79.8	87.4	72.0	0.21	5.1	0.25	0.186
30	79.3	86.5	69.8	0.44	10.6	0.04	0.182
31	76.5	85.5	67.5	0.16	3.9	0.00	0.131
MEAN DAILY VALUE	79.8	90.2	69.3	0.51	12.1	0.15	0.176
STANDARD DEVIATION	1.48	3.51	1.61	0.271	6.53	0.159	0.063
EXTREME DAILY VALUE	NA	93.0	64.0	NA	MAX 26.3 MIN 0.5	MAX 0.38 MIN 0.00	MAX 0.338 MIN 0.095
TOTAL FOR THE MONTH	NA	NA	NA	NA	382.5	4.76	5.460

**Table 1. (Continued)**  
**VEGA BAJA NOVEMBER 1984**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	78.3	85.5	71.0	0.72	17.3	0.08	0.102
2	79.5	86.5	72.5	0.25	6.1	0.54	0.108
3	79.1	86.0	72.1	0.25	6.1	0.54	0.108
4	79.1	86.0	72.1	0.25	6.1	0.55	0.108
5	78.6	85.5	71.7	1.07	25.7	0.33	0.057
6	78.6	84.8	72.4	1.07	25.7	0.33	0.057
7	78.6	84.8	72.4	1.02	25.7	0.32	0.057
8	78.5	84.0	73.0	1.46	35.1	0.13	0.176
9	80.4	85.8	75.0	0.73	17.6	0.05	0.175
10	77.9	85.7	70.0	0.73	17.6	0.04	0.175
11	77.9	85.7	70.0	0.73	17.6	0.04	0.175
12	77.9	85.7	70.0	0.73	17.6	0.04	0.175
13	75.3	85.5	65.0	0.58	13.9	1.10	0.075
14	76.0	81.0	71.0	1.91	45.9	0.27	0.146
15	77.0	83.0	71.0	1.94	46.5	0.10	0.375
16	74.3	83.5	65.0	0.99	23.7	0.25	0.160
17	75.1	84.5	65.5	0.99	23.7	0.26	0.160
18	75.1	84.5	65.5	0.99	23.7	0.26	0.160
19	75.8	85.5	66.0	1.00	24.1	0.00	0.144
20	77.3	85.0	69.5	1.30	31.2	0.03	0.203
21	76.5	86.0	67.0	0.54	12.3	0.08	0.113
22	75.9	85.0	66.8	0.54	12.3	0.07	0.113
23	75.3	84.0	66.5	0.45	10.7	0.06	0.102
24	77.1	88.3	65.8	0.45	10.7	0.06	0.102
25	77.1	88.3	65.8	0.45	10.7	0.06	0.102
26	78.8	92.5	65.0	0.23	5.7	0.64	0.112
27	77.3	85.0	69.5	0.41	9.8	0.01	0.153
28	75.3	84.0	66.5	0.45	10.7	0.01	0.159
29	76.5	84.0	65.0	0.68	16.3	0.01	0.146
30	76.5	84.0	65.0	0.75	18.0	0.22	0.108
MEAN DAILY VALUE	77.2	85.3	68.8	0.79	18.9	0.22	0.137
STANDARD DEVIATION	1.53	1.92	3.07	0.434	10.5	0.245	0.059
EXTREME DAILY VALUE	NA	92.5	65.0	NA	MAX 46.5 MIN 5.7	MAX 1.10 MIN 0.00	MAX 0.375 MIN 0.057
TOTAL FOR THE MONTH	NA	NA	NA	NA	550.0	6.60	4.106



**Table 1. (Continued)**  
**VEGA BAJA DECEMBER 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	76.3	84.5	66.0	0.75	18.0	0.22	0.108
2	76.3	84.5	66.0	0.75	18.0	0.21	0.108
3	76.0	85.0	67.0	1.22	29.4	0.17	0.167
4	76.5	84.5	68.0	1.22	29.4	0.18	0.167
5	76.5	84.5	68.0	1.22	29.4	0.18	0.167
6	77.0	84.0	69.0	0.64	15.3	0.01	0.122
7	74.3	82.5	66.0	0.64	15.3	0.50	0.152
8	74.7	83.3	66.0	0.64	15.3	0.49	0.152
9	74.7	83.3	66.0	0.64	15.3	0.49	0.152
10	74.7	83.3	66.0	0.64	15.3	0.49	0.152
11	75.0	84.0	66.0	0.10	2.3	0.01	0.153
12	75.8	84.5	67.0	0.42	10.1	0.01	0.183
13	74.3	84.0	64.5	1.70	40.7	0.16	0.146
14	74.6	83.8	65.3	1.70	40.7	0.16	0.146
15	74.6	83.8	65.3	1.70	40.7	0.16	0.146
16	74.6	83.8	65.3	1.70	40.7	0.16	0.146
17	74.6	83.8	65.3	1.70	40.7	0.16	0.146
18	74.8	83.5	66.0	0.91	21.7	0.07	0.070
19	73.3	83.0	63.5	0.91	21.7	0.07	0.070
20	73.3	83.0	63.5	0.91	21.7	0.07	0.070
21	71.8	82.5	61.0	1.85	44.4	0.18	0.151
22	72.9	83.3	62.5	1.85	44.4	0.18	0.151
23	72.9	83.3	62.5	1.85	44.4	0.18	0.151
24	72.9	83.3	62.5	1.85	44.4	0.18	0.151
25	72.9	83.3	62.5	1.85	44.4	0.18	0.151
26	74.0	84.0	64.0	1.77	42.6	0.26	0.168
27	74.0	84.0	64.0	2.34	56.2	0.45	0.176
28	73.8	84.0	63.5	2.34	56.2	0.46	0.176
29	73.8	84.0	63.5	2.34	56.2	0.46	0.176
30	73.8	84.0	63.5	2.34	56.2	0.46	0.176
31	73.5	84.0	63.0	2.02	48.6	0.39	0.192
MEAN DAILY VALUE	74.5	83.8	64.9	1.37	32.9	0.22	0.151
STANDARD DEVIATION	1.25	0.580	1.87	0.639	15.4	0.159	0.031
EXTREME DAILY VALUE	NA	84.5	61.0	NA	MAX 56.2 MIN 2.3	MAX 0.50 MIN 0.01	MAX 0.192 MIN 0.070
TOTAL FOR THE MONTH	NA	NA	NA	NA	1019.7	6.47	4.681

**Table 1. (Continued)**  
**VEGA BAJA JANUARY 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	73.6	83.7	63.5	2.02 48.6	0.00	0.192
2	73.6	83.7	63.5	2.02 48.6	0.00	0.192
3	73.7	83.4	64.0	1.38 33.0	0.20	0.128
4	75.3	81.5	69.0	0.86 20.6	0.03	0.134
5	74.2	82.3	66.0	0.86 20.6	0.03	0.134
6	74.2	82.3	66.0	0.86 20.6	0.03	0.134
7	73.0	83.0	63.0	0.84 20.3	0.01	0.073
8	71.5	82.0	61.0	0.80 19.2	0.02	0.273
9	72.0	82.0	62.0	0.51 12.2	0.60	0.109
10	73.5	80.0	67.0	0.38 9.2	0.19	0.128
11	72.3	80.8	64.5	0.38 9.2	0.18	0.128
12	72.3	80.8	64.5	0.38 9.2	0.18	0.128
13	72.3	80.8	64.5	0.38 9.2	0.18	0.128
14	71.8	81.5	62.0	0.77 18.5	0.01	0.109
15	71.5	81.5	61.5	0.14 3.3	0.01	0.153
16	71.0	81.0	61.0	0.38 9.2	0.01	0.125
17	71.3	80.5	62.0	0.46 11.0	0.01	0.134
18	72.8	83.0	62.5	0.69 16.4	0.01	0.163
19	73.4	86.3	60.5	0.69 16.4	0.01	0.163
20	73.4	86.3	60.5	0.69 16.4	0.01	0.163
21	73.4	86.3	60.5	0.69 16.4	0.00	0.163
22	74.0	89.5	58.5	0.61 14.6	0.02	0.165
23	72.3	83.0	61.5	0.86 20.5	0.01	0.171
24	72.0	83.5	60.5	0.86 20.5	0.01	0.171
25	71.8	84.0	59.5	0.88 21.1	0.05	0.158
26	72.4	85.3	59.5	0.88 21.1	0.04	0.158
27	72.4	85.3	59.5	0.88 21.1	0.04	0.158
28	73.0	86.5	59.5	0.91 21.9	0.01	0.185
29	73.0	86.5	59.5	1.04 24.9	0.08	0.170
30	73.0	83.5	62.5	0.46 11.2	0.01	0.170
31	73.3	84.0	62.5	1.95 46.8	0.08	0.203
MEAN DAILY VALUE	72.8	83.3	62.3	0.82 19.7	0.09	0.154
STANDARD DEVIATION	0.960	2.22	2.45	0.456 11.0	0.118	0.035
EXTREME DAILY VALUE	NA	89.5	58.5	NA MAX 48.6 MIN 3.3	MAX 0.60 MIN 0.0	MAX 0.273 MIN 0.073
TOTAL FOR THE MONTH	NA	NA	NA	NA 590.7	2.84	4.763

**Table 1. (Continued)**  
**VEGA BAJA FEBRUARY 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	73.3	85.5	61.0	1.95	46.8	0.06	0.202
2	73.3	85.5	61.0	1.95	46.8	0.06	0.203
3	73.3	85.5	61.0	1.95	46.8	0.06	0.203
4	73.3	85.5	61.0	1.95	46.8	0.06	0.203
5	73.3	85.5	61.0	1.95	46.8	0.06	0.203
6	73.3	85.5	61.0	1.95	46.8	0.06	0.203
7	73.3	87.0	59.5	1.24	29.7	0.02	0.203
8	73.4	86.5	60.3	1.24	29.7	0.01	0.203
9	73.4	86.5	60.3	1.24	29.7	0.01	0.203
10	73.4	86.5	60.3	1.24	29.7	0.01	0.203
11	73.4	86.5	60.3	1.24	29.7	0.01	0.203
12	73.4	86.5	60.3	1.24	29.7	0.01	0.203
13	73.4	86.5	60.3	1.24	29.7	0.01	0.203
14	73.5	86.0	61.0	1.39	33.4	0.32	0.246
15	74.7	87.3	62.0	1.39	33.4	0.32	0.246
16	74.7	87.3	62.0	1.39	33.4	0.31	0.246
17	74.7	87.3	62.0	1.39	33.4	0.31	0.246
18	74.7	87.3	62.0	1.39	33.4	0.31	0.246
19	75.8	88.5	63.0	1.03	24.7	0.08	0.118
20	75.2	85.8	64.5	1.03	24.7	0.07	0.118
21	74.5	83.0	66.0	1.64	39.4	0.22	0.202
22	74.3	83.3	65.3	1.64	39.4	0.22	0.202
23	74.3	83.3	65.3	1.64	39.4	0.21	0.202
24	74.3	83.3	65.3	1.64	39.4	0.21	0.202
25	74.0	83.5	64.5	0.51	12.2	0.15	0.176
26	72.8	80.5	65.0	0.98	23.4	0.86	0.122
27	73.2	81.3	65.0	0.98	23.4	0.86	0.122
28	73.5	82.0	65.0	1.22	29.4	0.03	0.194
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MEAN DAILY VALUE	73.8	85.3	62.3	1.42	34.0	0.19	0.197
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STANDARD DEVIATION	0.720	1.97	2.04	0.360	8.71	0.220	0.036
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EXTREME DAILY VALUE	NA	88.5	59.5	NA	MAX 46.8 MIN 12.20	MAX 0.86 MIN 0.01	MAX 0.246 MIN 0.118
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TOTAL FOR THE MONTH	NA	NA	NA	NA	951.1	5.36	5.527

**Table 1. (Continued)**  
**VEGA BAJA MARCH 1985**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	73.5	82.8	64.3	1.22	29.4	0.02	0.194
2	73.5	82.8	64.3	1.22	29.4	0.02	0.194
3	73.5	82.8	64.3	1.22	29.4	0.02	0.194
4	73.5	83.5	63.5	1.19	28.6	0.46	0.185
5	73.3	83.3	63.3	1.19	28.6	0.46	0.185
6	73.0	83.0	63.0	1.15	27.5	0.44	0.076
7	72.9	83.0	62.8	1.15	27.5	0.43	0.076
8	72.8	83.0	62.5	1.15	27.5	0.06	0.194
9	72.9	83.0	62.8	1.15	27.5	0.06	0.194
10	72.9	83.0	62.8	1.15	27.5	0.05	0.194
11	73.0	83.0	63.0	1.06	25.5	0.02	0.194
12	72.8	83.3	62.3	1.06	25.5	0.02	0.194
13	72.8	83.3	62.3	1.06	25.5	0.01	0.194
14	72.8	83.3	62.3	1.06	25.5	0.01	0.194
15	72.5	83.5	61.5	1.14	27.4	0.06	0.178
16	73.3	85.3	61.3	1.14	27.4	0.06	0.178
17	73.3	85.3	61.3	1.14	27.4	0.06	0.178
18	74.0	87.0	61.0	0.75	18.1	0.02	0.178
19	74.3	86.8	61.8	0.75	18.1	0.02	0.178
20	74.3	86.8	61.8	0.75	18.1	0.01	0.178
21	74.5	86.5	62.5	1.09	26.2	0.01	0.195
22	74.4	86.5	62.3	1.09	26.2	0.01	0.195
23	74.4	86.5	62.3	1.09	26.2	0.00	0.195
24	74.4	86.5	62.3	1.09	26.2	0.00	0.195
25	74.4	86.5	62.3	1.09	26.2	0.00	0.195
26	74.3	86.5	62.0	2.24	53.8	0.28	0.230
27	74.7	85.3	64.0	2.24	53.8	0.28	0.230
28	74.7	85.3	64.0	2.24	53.8	0.28	0.230
29	75.0	84.0	66.0	1.08	25.9	0.20	0.192
30	73.8	84.0	64.0	1.08	25.9	0.20	0.192
31	73.8	84.0	64.0	1.08	25.9	0.20	0.192
MEAN DAILY VALUE	73.6	84.5	62.8	1.19	28.8	0.12	0.188
STANDARD DEVIATION	0.710	1.54	1.10	0.361	8.68	0.152	0.032
EXTREME DAILY VALUE	NA	87.0	61.0	NA	MAX 53.8 MIN 18.1	MAX 0.46 MIN 0.0	MAX 0.230 MIN 0.076
TOTAL FOR THE MONTH	NA	NA	NA	NA	891.5	3.77	5.816

**Table 1. (Continued)**  
**VEGA BAJA    APRIL 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	73.8	84.0	63.5	0.95	22.7	0.01	0.235
2	74.6	84.3	62.3	0.95	22.7	0.00	0.235
3	72.3	84.3	62.3	1.14	27.4	0.06	0.203
4	73.4	84.5	63.8	1.14	27.4	0.60	0.203
5	73.4	84.5	63.8	1.14	27.4	0.06	0.203
6	73.4	84.5	63.8	1.14	27.4	0.06	0.203
7	77.3	88.4	56.3	1.14	27.4	0.00	0.200
8	75.5	84.5	66.5	1.22	29.3	0.01	0.216
9	75.7	85.5	65.8	1.22	29.3	0.00	0.216
10	75.8	86.5	65.0	1.27	30.4	0.01	0.201
11	75.8	85.5	65.0	1.22	29.3	0.26	0.229
12	75.4	85.3	65.0	1.22	29.3	0.26	0.229
13	75.4	85.3	65.0	1.22	29.3	0.26	0.229
14	75.4	85.3	65.0	1.22	29.3	0.26	0.229
15	75.0	85.0	65.0	1.35	32.4	0.01	0.234
16	75.7	87.0	64.3	1.35	32.4	0.00	0.234
17	75.7	87.0	64.3	1.35	32.4	0.00	0.234
18	75.7	87.0	64.3	1.35	32.4	0.00	0.234
19	76.3	89.0	63.5	1.19	28.5	0.05	0.237
20	77.3	89.0	65.5	1.19	28.5	0.05	0.237
21	77.3	89.0	65.5	1.19	28.5	0.04	0.237
22	78.3	89.0	67.5	0.54	13.0	1.16	0.124
23	76.4	87.5	66.3	0.54	13.0	1.16	0.124
24	74.5	84.0	65.0	0.16	4.0	0.02	0.192
25	74.5	84.0	65.0	1.07	25.6	0.02	0.238
26	74.4	84.3	64.5	1.07	25.6	0.01	0.238
27	74.4	84.3	64.5	1.07	25.6	0.01	0.238
28	74.4	84.3	64.5	1.07	25.6	0.01	0.238
29	74.3	84.5	64.0	1.13	27.0	0.10	0.238
30	74.0	85.0	63.0	1.78	42.6	0.03	0.271
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MEAN DAILY VALUE	75.2	85.6	64.5	1.12	26.8	0.13	0.217
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STANDARD DEVIATION	1.32	1.71	1.87	0.283	6.77	0.299	0.031
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EXTREME DAILY VALUE	NA	89.0	56.3	NA	MAX 42.6 MIN 4.0	MAX 1.16 MIN 0.0	MAX 0.271 MIN 0.124
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TOTAL FOR THE MONTH	NA	NA	NA	NA	805.7	4.02	6.509
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**Table 1. (Continued)**  
**VEGA BAJA MAY 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	75.0	85.5	64.5	1.78 42.6	0.03	0.271
2	76.0	86.0	66.0	1.22 29.4	0.26	0.384
3	77.0	86.0	68.0	2.02 48.5	0.00	0.165
4	76.7	85.8	67.5	2.02 48.5	0.00	0.165
5	76.7	85.8	67.5	2.02 48.5	0.00	0.165
6	76.3	85.5	67.0	1.66 39.8	0.00	0.196
7	77.3	87.5	67.0	1.40 33.5	0.40	0.226
8	78.0	88.0	68.0	2.58 61.9	0.00	0.269
9	77.5	87.3	67.8	2.58 61.9	0.00	0.269
10	77.0	86.5	67.5	2.04 48.9	0.14	0.208
11	76.4	86.3	66.5	2.04 4.9	0.14	0.208
12	76.4	86.3	66.5	2.04 48.9	0.13	0.208
13	75.8	86.0	65.5	1.54 36.9	0.10	0.329
14	77.8	88.5	71.0	1.54 36.9	0.76	0.320
15	77.8	87.0	71.0	1.54 36.9	0.75	0.320
16	79.8	85.5	71.0	0.61 14.6	0.61	0.311
17	76.0	83.0	69.0	1.26 30.2	1.06	0.198
18	77.3	85.0	69.5	1.26 30.2	1.05	0.198
19	77.3	85.0	69.5	1.26 30.2	1.05	0.198
20	78.5	87.0	70.0	2.10 50.5	0.01	0.266
21	76.7	86.3	68.0	2.10 50.5	0.00	0.266
22	75.8	85.5	66.0	2.16 51.7	0.00	0.327
23	75.7	85.3	66.0	2.16 51.7	0.00	0.327
24	75.5	85.0	66.0	2.16 51.7	0.00	0.278
25	79.0	90.0	68.0	2.16 51.7	0.00	0.278
26	79.0	90.0	68.0	2.16 51.7	0.00	0.278
27	79.0	90.0	68.0	2.16 51.7	0.00	0.278
28	82.5	95.0	70.0	1.57 37.8	0.00	0.229
29	81.0	91.0	71.0	2.20 52.8	0.00	0.353
30	82.5	93.0	72.0	1.62 39.0	0.00	0.256
31	81.0	92.5	69.5	1.62 39.0	0.00	0.256
<hr/>						
MEAN DAILY VALUE	77.7	87.3	68.2	1.89 43.8	0.21	0.257
<hr/>						
STANDARD DEVIATION	1.94	2.67	1.87	0.435 12.4	0.349	0.057
<hr/>						
EXTREME DAILY VALUE	NA	93.0	64.5	NA MAX 61.9 MIN 4.9	MAX 1.06 MIN 0.0	MAX 0.384 MIN 0.165
<hr/>						
TOTAL FOR THE MONTH	NA	NA	NA	NA 1313.0	6.49	7.973
<hr/>						

**Table 1. (Continued)**  
**VEGA BAJA JUNE 1985**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	81.0	92.5	69.5	1.62	39.0	0.00	0.256
2	81.0	92.5	69.5	1.62	39.0	0.00	0.256
3	81.0	92.5	69.5	1.62	39.0	0.00	0.256
4	79.4	91.8	67.0	0.75	18.0	0.00	0.144
5	77.0	87.0	67.0	1.20	28.7	0.23	0.101
6	80.0	92.5	67.5	1.41	33.9	0.01	0.197
7	79.9	92.0	67.8	1.41	33.9	0.01	0.197
8	79.9	92.0	67.8	1.41	33.9	0.01	0.197
9	79.9	92.0	67.8	1.41	33.9	0.01	0.197
10	79.8	91.5	68.0	2.16	51.8	0.01	0.237
11	80.8	92.3	69.3	2.16	51.8	0.01	0.237
12	80.8	92.3	69.3	2.16	51.8	0.00	0.237
13	80.8	92.3	69.3	2.16	51.8	0.00	0.237
14	81.8	93.0	70.5	2.23	53.6	0.00	0.277
15	80.2	90.5	69.8	2.23	53.6	0.00	0.277
16	80.2	90.5	69.8	2.23	53.6	0.00	0.277
17	80.2	90.5	69.8	2.23	53.6	0.00	0.277
18	78.5	88.0	69.0	2.02	48.5	0.00	0.298
19	78.7	88.0	69.3	2.02	48.5	0.00	0.298
20	78.8	88.0	69.5	1.68	40.4	0.01	0.247
21	79.8	91.0	68.5	1.68	40.4	0.01	0.247
22	79.8	91.0	68.5	1.68	40.4	0.00	0.247
23	79.8	91.0	68.5	1.68	40.4	0.00	0.247
24	79.8	91.0	68.5	1.68	40.4	0.00	0.247
25	79.8	91.0	68.5	1.68	40.4	0.00	0.247
26	79.8	91.0	68.5	1.68	40.4	0.00	0.247
27	80.8	94.0	67.5	2.33	55.9	0.00	0.310
28	81.7	94.3	68.3	2.33	55.9	0.00	0.310
29	81.7	94.3	68.3	2.33	55.9	0.00	0.310
30	81.7	94.3	69.0	2.33	55.9	0.00	0.310
MEAN DAILY VALUE	80.1	91.4	68.7	1.82	44.1	0.01	0.246
STANDARD DEVIATION	1.03	1.83	0.880	0.396	9.49	0.041	0.047
EXTREME DAILY VALUE	NA	94.3	67.0	NA	MAX 55.9 MIN 18.0	MAX 0.23 MIN 0.0	MAX 0.310 MIN 0.101
TOTAL FOR THE MONTH	NA	NA	NA	NA	1324.3	0.31	7.278

**Table 1. (Continued)**  
**VEGA BAJA JULY 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	82.5	94.5	70.5	2.04	49.1	0.03	0.245
2	82.5	94.8	70.3	2.04	49.1	0.03	0.245
3	82.5	94.8	70.3	2.04	49.1	0.03	0.245
4	82.5	94.8	70.3	2.04	49.1	0.02	0.245
5	82.5	95.0	70.0	2.18	52.4	0.00	0.280
6	82.0	92.3	71.8	2.18	52.4	0.00	0.280
7	82.0	92.3	71.8	2.18	52.4	0.00	0.280
8	81.5	89.5	73.5	1.61	38.6	0.02	0.217
9	81.3	91.3	71.3	1.61	38.6	0.02	0.217
10	81.3	91.3	71.3	1.61	38.6	0.02	0.217
11	81.3	91.3	71.3	1.61	38.6	0.01	0.217
12	81.0	93.0	69.0	1.53	36.8	0.12	0.224
13	81.0	91.5	70.5	1.53	36.8	0.12	0.224
14	81.0	91.5	70.5	1.53	36.8	0.12	0.224
15	81.0	91.5	70.5	1.53	36.8	0.11	0.224
16	81.0	90.0	72.0	1.21	29.2	0.06	0.168
17	81.0	90.0	72.0	1.21	29.2	0.06	0.168
18	81.0	90.0	72.0	1.21	29.2	0.06	0.168
19	81.0	90.0	72.0	1.73	41.6	0.41	0.306
20	81.0	91.0	71.0	1.73	41.6	0.41	0.306
21	81.0	91.0	71.0	1.73	41.6	0.41	0.306
22	81.0	91.0	71.0	1.73	41.6	0.41	0.306
23	81.0	92.0	70.0	2.02	48.6	0.17	0.285
24	80.0	90.0	70.0	2.02	48.6	0.17	0.285
25	80.0	90.0	70.0	2.02	48.6	0.17	0.285
26	79.0	88.0	70.0	1.22	29.2	0.05	0.206
27	80.0	88.5	71.5	1.22	29.2	0.05	0.206
28	80.0	88.5	71.5	1.22	29.2	0.05	0.206
29	81.0	89.0	73.0	1.47	35.4	0.01	0.287
30	85.5	89.5	71.5	1.47	35.4	0.00	0.287
31	80.5	89.5	71.5	1.47	35.4	0.00	0.287
MEAN DAILY VALUE	81.3	91.2	71.1	1.73	40.3	0.10	0.247
STANDARD DEVIATION	1.13	1.95	0.950	0.324	7.72	0.129	0.042
EXTREME DAILY VALUE	NA	94.8	69.0	NA	MAX 52.4 MIN 29.2	MAX 0.41 MIN 0.0	MAX 0.306 MIN 0.168
TOTAL FOR THE MONTH	NA	NA	NA	NA	1248.8	3.14	7.646



**Table 1. (Continued)**  
**VEGA BAJA AUGUST 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	80.5	89.5	71.5	1.47	35.4	0.00	0.287
2	80.0	90.0	70.0	1.61	3.86	0.00	0.220
3	81.0	91.5	70.5	1.61	3.86	0.00	0.220
4	81.0	91.5	70.8	1.61	3.86	0.00	0.220
5	82.0	93.0	71.0	1.45	34.8	0.12	0.137
6	81.3	91.5	71.0	1.45	34.8	0.12	0.137
7	81.3	91.5	71.0	1.45	34.8	0.12	0.137
8	81.3	91.5	71.0	1.45	34.8	0.12	0.137
9	80.5	90.0	71.0	1.12	26.8	0.12	0.257
10	80.5	90.0	71.0	1.12	26.8	0.12	0.257
11	80.5	90.0	71.0	1.12	26.8	0.12	0.257
12	80.5	90.0	71.0	1.12	26.8	0.12	0.257
13	80.5	90.0	71.0	1.18	28.2	0.02	0.234
14	80.8	90.0	71.5	1.18	28.2	0.02	0.234
15	80.8	90.0	71.5	1.18	28.2	0.01	0.234
16	81.0	90.0	72.0	1.04	25.0	0.07	0.255
17	81.0	90.5	72.5	1.04	25.0	0.07	0.255
18	81.0	90.5	72.5	1.04	25.0	0.07	0.255
19	81.0	90.5	72.5	1.04	25.0	0.07	0.255
20	81.0	91.0	73.0	1.39	33.3	0.07	0.223
21	81.9	90.8	74.0	1.39	33.3	0.07	0.223
22	81.9	90.8	74.0	1.39	33.3	0.06	0.223
23	82.8	90.5	75.0	1.44	34.6	0.25	0.251
24	82.1	90.5	73.5	1.44	34.6	0.25	0.251
25	82.1	90.5	73.5	1.44	34.6	0.25	0.251
26	81.3	90.5	72.0	0.79	18.8	0.68	0.173
27	80.7	90.3	71.0	0.79	18.8	0.68	0.173
28	80.7	90.3	71.0	0.79	18.0	0.68	0.173
29	80.7	90.3	71.0	0.79	18.0	0.68	0.173
30	80.0	90.0	70.0	0.56	13.3	0.13	0.045
31	80.4	90.5	70.3	0.56	13.3	0.13	0.045
MEAN DAILY VALUE	81.1	90.6	71.7	1.20	28.7	0.16	0.208
STANDARD DEVIATION	0.659	0.700	1.24	0.297	10.1	0.208	0.050
EXTREME DAILY VALUE	NA	93.0	70.0	NA	MAX 38.6 MIN 13.3	MAX 0.68 MIN 0.0	MAX 0.287 MIN 0.045
TOTAL FOR THE MONTH	NA	NA	NA	NA	889.7	4.97	6.449

**Table 1. (Continued)**  
**VEGA BAJA SEPTEMBER 1985**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	80.4	90.5	70.3	0.56	13.3	0.13	0.045
2	80.4	90.5	70.3	0.56	13.3	0.13	0.045
3	80.8	91.0	70.5	0.50	11.9	0.09	0.201
4	80.9	90.5	71.3	0.50	11.9	0.08	0.201
5	80.9	90.5	71.3	0.50	11.9	0.08	0.201
6	81.0	90.0	72.0	0.46	10.9	0.17	0.169
7	80.3	89.3	71.3	0.46	10.9	0.17	0.169
8	80.3	89.3	71.3	0.46	10.9	0.16	0.169
9	79.5	88.5	70.5	0.38	9.2	0.20	0.148
10	80.0	89.8	70.3	0.38	9.2	0.19	0.148
11	80.0	89.8	70.3	0.38	9.2	0.19	0.148
12	80.0	89.8	70.3	0.38	9.2	0.19	0.148
13	80.0	89.8	70.3	0.38	9.2	0.19	0.148
14	80.0	89.8	70.3	0.38	9.2	0.19	0.148
15	80.0	89.8	70.3	0.38	9.2	0.19	0.148
16	80.0	89.8	70.3	0.38	9.2	0.19	0.148
17	80.5	91.0	70.0	0.15	3.6	0.26	0.179
18	80.4	91.0	69.8	0.15	3.6	0.26	0.179
19	80.4	91.0	69.8	0.15	3.6	0.26	0.179
20	80.3	91.0	69.5	0.21	5.1	0.23	0.174
21	80.9	91.5	69.3	0.21	5.1	0.23	0.174
22	80.4	91.5	69.3	0.21	5.1	0.23	0.174
23	80.5	92.0	69.0	0.12	2.9	0.09	0.084
24	80.3	87.5	73.0	0.23	5.5	0.20	0.134
25	80.5	89.0	70.3	0.23	5.5	0.20	0.134
26	80.5	89.0	70.3	0.23	5.5	0.20	0.134
27	80.5	89.0	70.3	0.23	5.5	0.20	0.134
28	80.5	89.0	70.3	0.23	5.5	0.20	0.134
29	80.5	89.0	70.3	0.23	5.5	0.20	0.134
30	80.5	89.0	70.3	0.23	5.5	0.20	0.134
MEAN DAILY VALUE	80.4	89.9	70.4	0.33	7.9	0.20	0.149
STANDARD DEVIATION	0.333	1.01	0.792	0.131	3.12	0.052	0.037
EXTREME DAILY VALUE	NA	92.0	69.0	NA	MAX 13.3 MIN 2.9	MAX 0.26 MIN 0.09	MAX 0.201 MIN 0.045
TOTAL FOR THE MONTH	NA	NA	NA	NA	237.0	6.00	4.460

**Table 1. (Continued)**  
**VEGA BAJA OCTOBER 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	80.5	93.5	67.5	0.19	4.6	0.47	0.189
2	80.3	90.8	69.8	0.19	4.6	0.47	0.189
3	80.0	88.0	72.0	0.27	6.5	0.72	0.176
4	79.0	89.0	68.0	0.27	6.5	0.71	0.176
5	79.0	89.0	68.0	0.27	6.5	0.71	0.176
6	79.0	89.0	68.0	0.27	6.5	0.71	0.176
7	79.0	89.0	68.0	0.27	6.5	0.71	0.176
8	79.0	89.0	68.0	0.27	6.5	0.71	0.176
9	79.0	89.0	68.0	0.27	6.5	0.71	0.176
10	79.0	89.0	68.0	0.27	6.5	0.71	0.176
11	79.0	89.0	68.0	0.27	6.5	0.71	0.176
12	79.0	89.0	68.0	0.27	6.5	0.71	0.176
13	79.0	89.0	68.0	0.27	6.5	0.71	0.176
14	79.0	89.0	68.0	0.27	6.5	0.71	0.176
15	79.0	89.0	68.0	0.27	6.5	0.71	0.176
16	78.0	90.0	66.0	0.28	6.7	0.23	0.162
17	78.5	90.0	67.0	0.28	6.7	0.23	0.162
18	78.5	90.0	67.0	0.28	6.7	0.37	0.175
19	78.5	90.0	67.0	0.28	6.7	0.36	0.175
20	78.5	90.0	67.0	0.28	6.7	0.36	0.175
21	78.5	90.0	67.0	0.28	6.7	0.36	0.175
22	78.5	90.0	67.0	0.28	6.7	0.36	0.175
23	78.5	90.0	67.0	0.28	6.7	0.36	0.175
24	78.0	90.0	66.0	0.08	2.0	0.48	0.150
25	79.2	90.3	68.0	0.08	2.0	0.48	0.150
26	79.2	90.3	68.0	0.08	2.0	0.47	0.150
27	79.2	90.3	68.0	0.08	2.0	0.47	0.150
28	79.2	90.3	68.0	0.08	2.0	0.47	0.150
29	80.3	90.5	70.0	0.17	4.0	0.10	0.114
30	81.5	91.0	72.0	0.17	4.0	0.28	0.147
31	81.0	91.5	70.5	0.17	4.0	0.28	0.147
MEAN DAILY VALUE	79.2	89.8	68.1	0.22	5.4	0.51	0.157
STANDARD DEVIATION	0.805	1.01	1.40	0.074	1.74	0.188	0.019
EXTREME DAILY VALUE	NA	93.5	66.0	NA	MAX 7.4 MIN 2.0	MAX 0.71 MIN 0.10	MAX 0.189 MIN 0.114
TOTAL FOR THE MONTH	NA	NA	NA	NA	167.4	15.74	4.872

**Table 2. Weather data and statistical analyses for the Manatí weather station  
May 1983**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	78.0	86.0	70.0	1.86	44.6	0.08	0.024
2	78.0	86.0	70.0	1.86	44.6	0.08	0.024
3	78.0	86.0	70.0	1.86	44.6	0.08	0.024
4	78.0	86.0	70.0	1.86	44.6	0.08	0.024
5	78.0	86.0	70.0	1.86	44.6	0.08	0.024
6	78.0	86.0	70.0	1.86	44.6	0.08	0.024
7	78.0	86.0	70.0	1.86	44.6	0.08	0.024
8	78.0	86.0	70.0	1.86	44.6	0.10	0.024
9	78.0	86.0	70.0	1.86	44.6	0.10	0.024
10	78.5	87.0	70.0	2.00	48.0	0.00	0.264
11	78.0	87.0	69.0	1.89	45.4	0.00	0.264
12	77.5	85.0	70.0	1.19	28.5	0.38	0.192
13	80.0	86.0	74.0	1.22	29.2	0.01	0.120
14	78.8	84.0	73.5	1.22	29.2	0.01	0.120
15	78.8	84.0	73.5	1.22	29.2	0.01	0.120
16	78.8	84.0	73.5	1.22	29.2	0.02	0.120
17	77.5	82.0	73.0	0.98	23.5	0.02	0.048
18	76.5	85.0	68.0	1.13	27.0	0.05	0.168
19	75.5	84.0	67.0	1.80	43.3	0.09	0.264
20	77.0	84.0	70.0	1.70	40.8	0.14	0.240
21	78.3	84.5	70.0	1.70	40.8	0.14	0.240
22	78.3	84.5	70.0	1.70	40.8	0.14	0.240
23	77.5	85.0	70.0	1.77	42.5	0.00	0.288
24	79.0	86.0	72.0	1.52	36.4	0.00	0.168
25	77.5	85.0	70.0	0.88	21.0	0.50	0.168
26	77.8	85.5	70.0	0.88	21.0	0.50	0.168
27	78.0	86.0	70.0	0.94	22.5	0.08	0.192
28	78.8	87.5	70.0	0.94	22.5	0.05	0.192
29	78.8	87.5	70.0	0.94	22.5	0.08	0.192
30	78.8	87.5	70.0	0.94	22.5	0.08	0.192
31	79.5	89.0	70.0	1.69	39.3	0.00	0.312
MEAN DAILY VALUE	78.1	85.6	70.4	1.49	34.8	0.10	0.145
STANDARD DEVIATION	0.837	1.37	1.54	0.390	9.42	0.127	0.094
EXTREME DAILY VALUE	NA	89.0	67.0	NA	MAX 48.0 MIN 21.0	MAX 0.50 MIN 0.00	MAX 0.312 MIN 0.024
TOTAL FOR THE MONTH	NA	NA	NA	NA	1106.5	3.19	4.488

**Table 2. (Continued)**  
**MANATÍ JUNE 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	79.0	87.0	71.0	1.62	38.9	0.00	0.288
2	79.0	88.0	70.0	1.67	40.1	0.00	0.192
3	79.0	88.5	69.5	1.67	40.1	0.00	0.192
4	79.0	88.5	69.5	1.67	40.1	0.00	0.192
5	79.0	88.5	69.5	1.67	40.1	0.00	0.192
6	79.0	89.0	69.0	1.59	38.2	0.02	0.192
7	80.5	89.0	72.0	1.78	42.8	0.01	0.264
8	78.5	87.0	69.0	1.60	38.4	0.07	0.192
9	77.5	85.0	69.0	1.69	40.6	0.02	0.264
10	79.0	88.0	70.0	1.44	34.5	0.03	0.096
11	79.8	89.0	70.5	1.44	34.5	0.03	0.096
12	79.8	89.0	70.5	1.44	34.5	0.03	0.096
13	80.5	90.0	71.0	0.69	16.5	0.62	0.768
14	79.5	88.0	71.0	0.71	17.6	0.02	0.240
15	82.0	92.0	72.0	0.39	9.2	0.21	0.360
16	82.0	91.0	73.0	0.31	7.4	0.48	0.216
17	81.5	90.0	73.0	0.84	20.2	0.17	0.144
18	81.0	91.5	70.5	0.84	20.2	0.18	0.144
19	81.0	91.5	70.5	0.84	20.2	0.18	0.144
20	80.5	93.0	68.0	0.42	10.2	0.07	0.096
21	82.5	93.0	72.0	0.73	17.4	0.00	0.240
22	82.5	94.0	71.0	0.66	15.8	0.00	0.672
23	83.0	92.0	74.0	0.47	11.2	0.00	0.216
24	77.5	88.0	67.0	0.87	20.9	0.02	0.264
25	78.3	90.0	66.5	0.87	20.9	0.02	0.264
26	78.3	90.0	66.5	0.87	20.9	0.02	0.264
27	79.0	92.0	66.0	0.55	13.3	0.81	0.888
28	82.0	92.0	72.0	1.42	34.2	0.00	0.192
29	80.5	91.0	70.0	1.58	38.0	0.00	0.360
30	79.0	87.0	71.0	1.49	35.7	0.03	0.024
MEAN DAILY VALUE	80.0	89.8	70.2	1.77	27.1	0.10	0.258
STANDARD DEVIATION	1.51	2.10	1.93	0.803	11.6	0.193	0.189
EXTREME DAILY VALUE	NA	94.0	66.0	NA	MAX 42.8 MIN 7.4	MAX 0.81 MIN 0.00	MAX 0.888 MIN 0.024
TOTAL FOR THE MONTH	NA	NA	NA	NA	813.0	3.04	7.800

**Table 2. (Continued)**  
**MANATÍ JULY 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	80.5	87.0	74.0	0.94 22.6	0.50	0.192
2	80.0	87.5	72.5	0.94 22.6	0.50	0.192
3	80.0	87.5	72.5	0.94 22.6	0.50	0.192
4	80.0	87.5	72.5	0.94 22.6	0.51	0.192
5	80.0	87.5	72.5	0.94 22.6	0.51	0.192
6	79.5	88.0	71.0	0.98 23.6	0.03	0.168
7	80.0	89.0	71.0	0.98 23.6	0.03	0.168
8	80.5	90.0	71.0	0.91 21.9	0.00	0.264
9	80.0	90.0	70.0	0.91 21.9	0.00	0.264
10	80.0	90.0	70.0	0.91 21.9	0.00	0.264
11	79.5	90.0	69.0	0.61 14.7	0.13	0.168
12	79.5	88.0	71.0	0.69 16.6	0.94	0.192
13	80.0	89.0	71.0	1.45 34.7	0.00	0.264
14	81.5	88.0	75.0	0.54 12.9	0.00	0.240
15	80.0	88.0	72.0	0.93 22.3	0.11	0.288
16	79.8	88.0	71.5	0.93 22.3	0.11	0.288
17	79.8	88.0	71.5	0.93 22.3	0.12	0.288
18	79.5	88.0	71.0	1.04 24.9	0.07	0.072
19	80.0	88.0	72.0	1.20 28.7	0.00	0.096
20	80.5	88.0	73.0	1.15 27.5	0.06	0.240
21	81.0	90.0	72.0	1.15 27.5	0.06	0.240
22	81.0	90.0	72.0	1.15 27.5	0.06	0.240
23	81.0	90.0	72.0	1.15 27.5	0.06	0.240
24	81.0	90.0	72.0	1.15 27.5	0.06	0.240
25	81.5	92.0	71.0	0.85 20.3	0.00	0.576
26	80.0	91.0	71.0	1.10 26.4	0.00	0.240
27	79.5	89.0	70.0	1.12 26.9	0.00	0.240
28	79.5	89.0	71.0	0.43 10.3	0.05	0.240
29	82.0	91.0	73.0	0.75 17.9	0.21	0.168
30	80.8	90.0	71.5	0.75 17.9	0.21	0.168
31	80.8	90.0	71.5	0.75 17.9	0.22	0.168
MEAN DAILY VALUE	80.3	89.0	71.6	0.97 22.6	0.16	0.213
STANDARD DEVIATION	0.641	1.26	1.18	0.209 4.96	0.224	0.083
EXTREME DAILY VALUE	NA	92.0	69.0	NA MAX 34.7 MIN 10.3	MAX 0.94 MIN 0.00	MAX 0.960 MIN 0.288
TOTAL FOR THE MONTH	NA	NA	NA	NA 700.4	5.05	6.600

**Table 2. (Continued)**  
**MANATÍ AUGUST 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	79.5	89.0	70.0	1.08 25.9	0.35	0.168
2	80.5	90.0	71.0	0.59 13.2	0.00	0.120
3	80.5	87.0	74.0	1.53 36.6	0.00	0.264
4	81.0	90.0	72.0	1.59 38.1	0.12	0.240
5	80.5	90.0	71.0	1.55 37.1	0.00	0.216
6	81.3	91.0	71.5	1.55 37.1	0.00	0.216
7	81.3	91.0	71.5	1.55 37.1	0.00	0.216
8	81.3	91.0	71.5	1.55 37.1	0.00	0.216
9	82.0	92.0	72.0	1.85 44.4	0.00	0.312
10	82.5	94.0	71.0	1.75 41.9	0.18	0.384
11	82.5	94.0	71.0	1.23 29.5	0.07	0.240
12	79.5	89.0	70.0	1.34 32.2	0.26	0.216
13	80.3	90.0	70.5	1.34 32.2	0.26	0.216
14	80.3	90.0	70.5	1.34 32.2	0.27	0.216
15	81.0	91.0	71.0	1.68 40.2	0.02	0.312
16	81.5	91.0	72.0	0.44 10.6	0.39	0.024
17	81.5	90.0	73.0	1.01 24.1	0.15	0.144
18	80.0	90.0	70.0	1.79 43.1	0.00	0.288
19	82.0	93.0	71.0	1.50 36.0	0.50	0.192
20	81.0	91.5	70.5	1.50 36.0	0.50	0.192
21	81.0	91.5	70.5	1.50 36.0	0.50	0.192
22	80.0	90.0	70.0	1.96 47.0	0.00	0.288
23	80.0	89.0	71.0	1.98 47.5	0.11	0.168
24	81.5	89.0	72.0	1.92 46.0	0.06	0.288
25	80.0	88.0	72.0	1.24 29.7	0.47	0.192
26	77.5	84.0	71.0	1.69 40.5	0.32	0.168
27	78.3	86.0	70.5	1.69 40.5	0.33	0.168
28	78.3	86.0	70.5	1.69 40.5	0.33	0.168
29	79.0	88.0	70.0	2.44 58.5	0.00	0.240
30	80.0	90.0	70.0	1.78 42.8	0.00	0.216
31	79.0	88.0	70.0	2.31 55.4	0.00	0.264
MEAN DAILY VALUE	80.5	89.8	71.0	1.55 37.1	0.17	0.218
STANDARD DEVIATION	1.20	2.17	0.938	0.409 9.88	0.179	0.066
EXTREME DAILY VALUE	NA	94.0	70.0	NA MAX 58.5 MIN 10.6	MAX 0.47 MIN 0.00	MAX 0.384 MIN 0.024
TOTAL FOR THE MONTH	NA	NA	NA	NA 1150.1	5.23	6.744

**Table 2. (Continued)**  
**MANATÍ SEPTEMBER 1983**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	82.0	91.0	73.0	2.56	61.4	0.02	0.384
2	85.0	94.0	76.0	2.54	61.0	0.46	0.264
3	82.8	92.5	73.0	2.54	61.0	0.00	0.264
4	82.8	92.5	73.0	2.54	61.0	0.00	0.264
5	82.8	92.5	73.0	2.54	61.0	0.00	0.264
6	80.5	91.0	70.0	1.95	46.8	0.54	0.264
7	79.0	88.0	70.0	1.63	39.1	0.00	0.312
8	79.0	88.0	70.0	1.76	42.2	0.54	0.240
9	80.0	91.0	71.0	2.72	65.3	0.08	0.240
10	80.3	91.0	70.5	2.72	65.3	0.00	0.240
11	80.3	91.0	70.5	2.72	65.3	0.00	0.240
12	80.5	91.0	70.0	2.63	63.1	0.00	0.288
13	80.5	90.0	71.0	4.67	112.1	0.47	0.192
14	80.5	89.5	71.5	4.67	112.1	0.00	0.192
15	80.5	89.0	72.0	1.88	45.1	0.13	0.192
16	79.5	88.0	71.0	0.48	11.8	0.57	0.192
17	79.3	88.0	70.5	0.49	11.8	0.00	0.192
18	79.3	88.0	70.5	0.49	11.8	0.00	0.192
19	79.0	88.0	70.0	2.47	59.3	0.42	0.192
20	81.0	88.0	74.0	2.72	65.3	0.33	0.264
21	78.5	86.0	71.0	1.06	25.4	0.05	0.096
22	78.0	85.0	71.0	1.39	33.4	0.00	0.216
23	78.5	87.0	70.0	1.14	27.4	0.28	0.168
24	79.8	89.5	70.0	1.14	27.4	0.00	0.168
25	79.8	89.5	70.0	1.14	27.4	0.00	0.168
26	81.0	92.0	70.0	0.97	23.2	0.02	0.240
27	80.5	91.0	70.0	1.31	31.4	0.00	0.168
28	80.5	91.0	70.0	1.31	31.4	0.00	0.168
29	80.5	91.0	70.0	1.47	35.3	0.00	0.264
30	80.5	90.0	71.0	1.34	32.2	0.00	0.192
MEAN DAILY VALUE	80.5	89.8	71.1	1.97	47.2	0.13	0.202
STANDARD DEVIATION	1.47	2.05	1.46	1.03	24.7	0.202	0.059
EXTREME DAILY VALUE	NA	94.0	70.0	NA	MAX 112.1 MIN 11.8	MAX 0.57 MIN 0.00	MAX 0.384 MIN 0.096
TOTAL FOR THE MONTH	NA	NA	NA	NA	1416.0	3.91	6.060



**Table 2. (Continued)**  
**MANATÍ OCTOBER 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	80.3	91.0	69.5	1.34	32.2	0.00	0.192
2	80.3	91.0	69.5	1.34	32.2	0.00	0.192
3	80.0	92.0	68.0	1.04	25.1	0.00	0.216
4	78.0	86.0	70.0	1.42	34.1	0.00	0.240
5	78.0	88.0	68.0	1.18	28.3	0.02	0.192
6	78.5	89.0	68.0	1.32	31.7	0.00	0.600
7	80.8	91.5	69.0	1.01	24.2	0.01	0.192
8	79.9	90.0	69.3	1.01	24.2	0.01	0.192
9	79.9	90.0	69.3	1.01	24.2	0.01	0.192
10	79.9	90.0	69.3	1.01	24.2	0.01	0.192
11	79.0	88.5	69.5	1.18	28.3	0.00	0.048
12	79.0	88.0	70.0	1.14	27.4	0.28	0.024
13	81.5	91.0	72.0	0.96	23.0	0.28	0.024
14	79.5	88.0	71.0	0.69	16.6	0.13	0.192
15	78.8	87.0	70.5	0.69	16.6	0.14	0.192
16	78.8	87.0	70.5	0.69	16.6	0.14	0.192
17	78.0	86.0	70.0	0.70	16.8	0.38	0.336
18	77.5	86.0	69.0	0.70	16.8	0.40	0.624
19	77.8	86.5	69.0	0.66	15.8	0.07	0.024
20	78.5	87.0	70.0	0.53	12.7	0.12	0.120
21	80.0	90.0	70.0	0.59	14.2	0.28	0.240
22	78.9	89.3	68.5	0.59	14.2	0.28	0.240
23	78.9	89.3	68.5	0.59	14.2	0.28	0.240
24	77.8	88.5	67.0	0.89	21.4	0.02	0.216
25	78.0	89.0	67.0	0.74	17.8	0.00	0.168
26	80.5	91.0	70.0	0.30	7.2	0.03	0.216
27	80.0	94.0	66.0	0.78	18.7	0.32	0.168
28	79.9	93.3	66.5	0.78	18.7	0.32	0.168
29	79.9	93.3	66.5	0.78	18.7	0.32	0.168
30	79.9	93.3	66.5	0.78	18.7	0.32	0.168
31	79.8	92.5	67.0	0.75	18.0	0.20	0.312
MEAN DAILY VALUE	77.0	89.6	68.9	0.88	21.6	0.13	0.199
STANDARD DEVIATION	2.49	2.32	1.47	0.270	6.51	0.140	0.128
EXTREME DAILY VALUE	NA	94.0	66.5	NA	MAX 34.1 MIN 7.2	MAX 0.40 MIN 0.00	MAX 0.624 MIN 0.024
TOTAL FOR THE MONTH	NA	NA	NA	NA	669.6	3.99	6.045

**Table 2. (Continued)**  
**MANATÍ NOVEMBER 1983**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	79.4	89.3	69.5	0.75	18.0	0.21	0.312
2	79.0	86.0	72.0	0.59	14.2	0.02	0.216
3	76.5	85.0	68.0	0.32	7.7	0.93	0.600
4	77.0	85.0	69.0	0.57	13.7	0.38	0.528
5	77.5	88.0	67.0	0.57	13.7	0.38	0.528
6	77.5	88.0	67.0	0.57	13.7	0.39	0.528
7	78.0	91.0	65.0	0.97	23.8	0.02	0.216
8	77.5	86.0	69.0	1.09	26.2	0.01	0.192
9	77.5	86.0	69.0	0.76	18.2	0.39	0.288
10	78.3	89.0	67.5	0.76	18.2	0.39	0.288
11	78.3	89.0	67.5	0.76	18.2	0.39	0.288
12	78.3	89.0	67.5	0.76	18.2	0.39	0.288
13	78.3	89.0	67.5	0.76	18.2	0.39	0.288
14	79.0	92.0	66.0	0.86	20.6	0.00	0.192
15	81.0	91.0	70.5	0.86	20.6	0.00	0.192
16	81.0	91.0	70.5	0.86	20.6	0.01	0.192
17	83.0	91.0	75.0	0.61	14.6	0.00	0.192
18	76.5	87.0	66.0	1.15	27.6	0.02	0.192
19	76.8	87.5	66.0	1.15	27.6	0.02	0.192
20	76.8	87.5	66.0	1.15	27.6	0.03	0.192
21	77.0	88.0	66.0	0.90	21.6	0.01	0.192
22	76.8	88.0	65.5	0.90	21.6	0.01	0.192
23	76.5	88.0	65.0	0.91	21.8	0.12	0.168
24	76.5	88.0	65.0	0.91	21.8	0.12	0.168
25	76.5	88.0	65.0	0.91	21.8	0.12	0.168
26	76.5	88.0	65.0	0.91	21.8	0.12	0.168
27	76.5	88.0	65.0	0.91	21.8	0.13	0.168
28	76.5	88.0	65.0	1.14	27.4	0.03	0.192
29	75.0	85.0	65.0	0.56	13.4	0.14	0.096
30	76.0	84.0	68.0	0.67	20.9	0.01	0.168
MEAN DAILY VALUE	77.7	88.0	67.3	0.82	19.8	0.17	0.253
STANDARD DEVIATION	1.66	1.95	2.38	0.202	4.83	0.209	0.125
EXTREME DAILY VALUE	NA	92.0	65.0	NA	MAX 27.6 MIN 7.7	MAX 0.93 MIN 0.00	MAX 0.600 MIN 0.096
TOTAL FOR THE MONTH	NA	NA	NA	NA	594.0	5.20	7.584

**Table 2. (Continued)**  
**MANATÍ DECEMBER 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	76.0	85.0	67.0	1.03	24.7	0.10	0.144
2	77.0	85.0	69.0	1.23	29.5	0.23	0.336
3	78.5	84.0	73.0	0.38	9.1	0.04	0.072
4	77.0	84.5	69.5	0.38	9.1	0.04	0.072
5	77.0	84.5	69.5	0.38	9.1	0.04	0.072
6	77.0	84.5	69.5	0.38	9.1	0.05	0.072
7	75.5	85.0	66.0	0.90	21.6	0.02	0.168
8	75.0	85.0	65.0	1.02	24.5	0.01	0.144
9	75.0	85.0	65.0	0.95	22.8	0.04	0.168
10	74.5	85.5	63.5	0.95	22.8	0.04	0.168
11	74.5	85.5	63.5	0.95	22.8	0.04	0.168
12	74.5	85.5	63.5	0.95	22.8	0.04	0.168
13	74.0	86.0	62.0	0.64	15.4	0.01	0.168
14	74.0	86.0	62.0	1.21	29.0	0.02	0.168
15	76.5	86.0	67.0	0.75	18.0	0.24	0.384
16	76.0	85.0	67.0	1.06	25.4	0.14	0.048
17	76.0	85.0	67.0	1.06	25.4	0.15	0.000
18	76.0	85.0	67.0	1.06	25.4	0.15	0.000
19	76.0	85.0	67.0	0.92	22.1	0.01	0.144
20	75.0	84.0	66.0	0.74	17.7	0.01	0.168
21	75.5	85.0	66.0	0.86	20.6	0.04	0.168
22	76.0	84.0	68.0	0.77	18.5	0.00	0.144
23	76.3	87.0	65.5	0.77	18.5	0.00	0.144
24	76.3	87.0	65.5	0.77	18.5	0.01	0.144
25	76.3	87.0	65.5	0.77	18.5	0.01	0.144
26	76.3	87.0	65.5	0.77	18.5	0.01	0.144
27	76.5	90.0	63.0	1.18	28.3	0.03	0.144
28	78.0	89.0	67.0	1.15	27.6	0.07	0.192
29	77.0	86.0	68.0	0.90	21.6	0.29	0.144
30	72.3	85.5	64.0	0.90	21.6	0.30	0.144
31	72.3	85.5	64.0	0.90	21.6	0.30	0.144
MEAN DAILY VALUE	75.7	85.6	68.3	0.86	20.6	0.08	0.139
STANDARD DEVIATION	1.39	1.32	3.22	0.234	5.62	0.094	0.075
EXTREME DAILY VALUE	NA	90.0	62.0	NA	MAX 29.5 MIN 9.1	MAX 0.29 MIN 0.00	MAX 0.384 MIN 0.000
TOTAL FOR THE MONTH	NA	NA	NA	NA	638.6	2.47	4.296

**Table 2. (Continued)**  
**MANATÍ JANUARY 1984**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	72.3	85.5	64.0	0.90	21.6	0.30	0.144
2	72.3	85.5	64.0	0.90	21.6	0.30	0.144
3	67.5	85.0	60.0	0.54	12.9	0.04	0.144
4	74.0	84.0	64.0	0.56	13.5	0.01	0.192
5	74.5	86.0	63.0	0.70	16.7	0.06	0.144
6	70.0	87.5	62.5	0.70	16.7	0.06	0.144
7	70.0	87.5	62.5	0.70	16.7	0.06	0.144
8	70.0	87.5	62.5	0.70	16.7	0.07	0.144
9	65.5	89.0	62.0	1.05	25.2	0.45	0.168
10	75.0	83.0	67.0	1.24	29.8	0.03	0.216
11	74.0	83.0	65.0	0.93	22.3	0.05	0.168
12	74.0	83.0	65.0	0.93	22.3	0.05	0.168
13	74.0	83.0	65.0	1.10	26.4	0.04	0.168
14	75.0	85.0	65.0	1.10	26.4	0.04	0.168
15	75.0	85.0	65.0	1.10	26.4	0.04	0.168
16	76.0	87.0	65.0	1.10	26.4	0.02	0.216
17	76.3	87.5	65.0	1.10	26.4	0.03	0.216
18	76.5	88.0	65.0	1.33	31.9	0.07	0.168
19	75.0	86.0	64.0	1.33	31.9	0.07	0.168
20	73.5	84.0	63.0	1.27	30.5	0.04	0.192
21	74.0	85.0	63.0	1.27	30.5	0.04	0.192
22	74.0	85.0	63.0	1.27	30.5	0.04	0.192
23	74.5	86.0	63.0	1.36	32.6	0.00	0.000
24	74.4	86.0	62.8	1.36	32.6	0.00	0.000
25	74.4	86.0	62.8	1.36	32.6	0.00	0.000
26	74.4	86.0	62.8	1.36	32.6	0.00	0.000
27	74.4	86.0	62.8	1.36	32.6	0.00	0.000
28	74.4	86.0	62.8	1.36	32.6	0.00	0.000
29	74.4	86.0	62.8	1.36	32.6	0.00	0.000
30	74.4	86.0	62.8	1.36	32.6	0.00	0.000
31	74.4	86.0	62.8	1.36	32.6	0.00	0.000
MEAN DAILY VALUE	73.5	85.7	67.6	1.10	26.3	0.06	0.122
STANDARD DEVIATION	2.42	1.49	4.26	0.267	6.48	0.100	0.080
EXTREME DAILY VALUE	NA	89.0	60.0	NA	MAX 32.6 MIN 12.9	MAX 0.45 MIN 0.00	MAX 0.216 MIN 0.144
TOTAL FOR THE MONTH	NA	NA	NA	NA	815.3	1.91	3.768

**Table 2. (Continued)**  
**MANATÍ FEBRUARY 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	74.4	86.0	62.8	1.36	32.6	0.00	0.000
2	74.4	86.0	62.8	1.36	32.6	0.00	0.000
3	74.3	86.0	62.5	0.88	21.1	0.13	0.504
4	75.4	87.5	63.3	0.88	21.1	0.13	0.504
5	75.4	87.5	63.3	0.88	21.1	0.13	0.504
6	76.5	89.0	64.0	1.63	39.1	0.00	0.000
7	75.8	87.0	63.5	1.18	28.3	0.00	0.504
8	74.0	85.0	63.0	1.68	40.3	0.36	0.192
9	76.0	84.0	68.0	1.57	37.7	0.98	0.168
10	74.3	80.5	68.0	1.88	45.1	0.67	0.384
11	73.9	81.3	67.5	1.88	45.1	0.67	0.384
12	73.9	81.3	67.5	1.88	45.1	0.68	0.384
13	73.5	82.0	65.0	1.87	44.9	0.14	0.168
14	73.5	82.0	65.0	2.22	53.3	0.00	0.192
15	73.0	82.0	64.0	2.64	63.4	0.01	0.216
16	76.0	84.0	68.0	2.45	58.8	0.00	0.216
17	72.5	82.0	63.0	2.65	63.6	0.00	0.288
18	72.5	82.0	63.0	2.65	63.6	0.00	0.288
19	72.5	82.0	63.0	2.65	63.6	0.00	0.288
20	72.5	82.0	63.0	2.65	63.6	0.00	0.288
21	72.5	82.0	63.0	3.40	81.6	0.00	0.000
22	74.0	85.8	62.1	3.40	81.6	0.00	0.000
23	74.0	85.8	62.1	3.40	81.6	0.00	0.000
24	74.0	85.8	62.1	3.40	81.6	0.00	0.000
25	74.0	85.8	62.1	3.40	81.6	0.00	0.000
26	74.0	85.8	62.1	3.40	81.6	0.00	0.000
27	74.0	85.8	62.1	3.40	81.6	0.00	0.000
28	74.0	85.8	62.1	3.40	81.6	0.00	0.000
29	74.0	85.8	62.1	3.40	81.6	0.00	0.000
MEAN DAILY VALUE	74.1	84.4	63.8	2.27	55.8	0.13	0.320
STANDARD DEVIATION	1.09	2.29	1.99	0.886	21.2	0.262	0.093
EXTREME DAILY VALUE	NA	89.0	62.1	NA	MAX 81.6 MIN 21.1	MAX 0.98 MIN 0.00	MAX 0.504 MIN 0.192
TOTAL FOR THE MONTH	NA	NA	NA	NA	1618.2	3.91	9.287

**Table 2. (Continued)**  
**MANATÍ MARCH 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	74.0	85.8	62.1	3.40	81.6	0.00	0.000
2	74.0	85.8	62.1	3.40	81.6	0.00	0.000
3	74.0	85.8	62.1	3.40	81.6	0.00	0.000
4	74.0	85.8	62.1	3.40	81.6	0.00	0.000
5	74.0	85.8	62.1	3.40	81.6	0.00	0.000
6	74.0	85.8	62.1	3.40	81.6	0.00	0.000
7	74.0	85.8	62.1	3.40	81.6	0.00	0.000
8	74.0	85.8	62.1	3.40	81.6	0.00	0.000
9	75.4	89.5	61.2	2.72	65.4	0.06	0.286
10	75.7	88.3	62.1	2.72	65.4	0.06	0.286
11	75.7	88.3	62.1	2.72	65.4	0.06	0.286
12	75.7	88.3	62.1	2.72	65.4	0.07	0.286
13	75.0	87.0	63.0	2.33	56.0	0.06	0.261
14	75.5	85.0	66.0	2.64	63.3	0.00	0.303
15	74.8	85.0	64.5	2.06	49.5	0.03	0.296
16	74.3	83.0	65.5	1.91	45.9	0.30	0.247
17	73.1	83.3	62.8	1.91	45.9	0.30	0.247
18	73.1	83.3	62.8	1.91	45.9	0.30	0.247
19	71.8	83.5	60.0	2.38	57.1	0.00	0.267
20	73.5	83.0	64.0	2.32	55.6	0.00	0.245
21	73.8	84.0	63.5	2.28	54.7	0.01	0.253
22	76.5	88.0	65.0	2.40	57.5	0.00	0.257
23	77.0	88.0	66.0	2.21	53.0	0.00	0.320
24	76.3	88.5	64.0	2.21	53.0	0.00	0.320
25	76.3	88.5	64.0	2.21	53.0	0.00	0.320
26	75.5	89.0	62.0	0.87	20.9	0.00	0.147
27	76.3	87.5	65.0	1.99	47.7	0.00	0.245
28	74.5	86.0	63.0	1.77	42.5	0.00	0.306
29	77.3	89.5	65.0	1.15	27.7	0.00	0.304
30	78.8	94.0	63.5	1.68	40.3	0.00	0.282
31	77.9	90.5	65.3	1.68	40.3	0.00	0.282
MEAN DAILY VALUE	75.0	86.7	63.2	2.45	58.8	0.04	0.203
STANDARD DEVIATION	1.52	2.46	1.48	0.692	16.6	0.088	0.053
EXTREME DAILY VALUE	NA	94.0	60.0	NA	MAX 81.6 MIN 40.3	MAX 0.30 MIN 0.00	MAX 0.320 MIN 0.247
TOTAL FOR THE MONTH	NA	NA	NA	NA	1822.8	1.25	6.940

**Table 2. (Continued)**  
**MANATÍ APRIL 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	77.9	90.5	65.3	1.68	40.3	0.00	0.282
2	77.0	87.0	67.0	1.55	37.2	0.07	0.267
3	76.5	84.0	69.0	1.80	43.2	0.02	0.170
4	75.0	82.0	68.0	2.42	59.3	0.00	0.287
5	75.0	86.0	64.0	1.33	31.9	0.00	0.287
6	76.5	91.0	62.0	1.57	37.7	0.00	0.286
7	78.5	93.0	64.0	1.57	37.7	0.00	0.286
8	81.8	100.5	63.0	1.50	37.7	0.00	0.286
9	74.5	86.0	65.0	2.63	63.1	0.00	0.326
10	74.0	87.0	61.0	1.04	25.0	0.00	0.350
11	80.0	94.0	66.0	1.30	31.2	0.00	0.304
12	76.5	88.0	65.0	1.39	33.4	0.00	0.300
13	78.5	89.0	68.0	2.61	62.6	0.40	0.323
14	77.0	87.0	67.0	2.52	60.5	0.40	0.323
15	79.0	93.0	65.0	2.52	60.5	0.40	0.323
16	75.5	87.0	64.0	0.68	16.3	0.00	0.224
17	78.0	91.0	65.0	1.90	45.6	0.00	0.227
18	75.5	87.0	64.0	2.24	53.8	0.00	0.266
19	76.0	86.0	66.0	1.57	37.7	0.00	0.316
20	76.0	85.0	67.0	1.57	37.7	0.00	0.316
21	76.5	85.0	68.0	1.57	37.7	0.00	0.316
22	76.3	85.0	67.5	1.57	37.7	0.00	0.316
23	76.0	85.0	67.0	1.24	29.8	0.00	0.227
24	75.0	88.0	62.0	1.24	29.8	0.00	0.197
25	82.5	90.0	75.0	0.91	21.8	0.02	0.289
26	77.0	88.0	66.0	1.06	25.4	0.00	0.253
27	77.5	87.0	68.0	2.40	57.6	0.02	0.283
28	73.0	85.0	61.0	1.30	31.2	0.02	0.283
29	73.0	82.0	64.0	1.30	31.2	0.02	0.283
30	71.5	81.0	62.0	0.85	20.4	0.00	0.013
MEAN DAILY VALUE	76.6	87.7	65.5	1.63	39.2	0.05	0.274
STANDARD DEVIATION	2.35	3.95	2.81	0.54	13.0	0.119	0.063
EXTREME DAILY VALUE	NA	100.5	61.0	NA	MAX 62.6 MIN 16.3	MAX 0.40 MIN 0.00	MAX 0.350 MIN 0.013
TOTAL FOR THE MONTH	NA	NA	NA	NA	1176.0	1.35	8.209

**Table 2. (Continued)**  
**MANATÍ MAY 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	78.5	81.0	66.0	0.98	23.6	0.01	0.144
2	75.0	81.5	68.5	2.04	49.0	0.04	0.336
3	77.0	84.0	70.0	2.14	51.4	0.00	0.408
4	77.5	85.0	70.0	2.24	53.8	0.00	0.312
5	77.0	85.0	69.0	1.88	45.1	0.00	0.312
6	77.5	86.0	69.0	2.45	58.8	0.00	0.312
7	79.0	88.0	70.0	1.90	45.6	0.00	0.312
8	76.5	85.0	68.0	2.13	51.1	0.05	0.192
9	76.5	84.0	69.0	2.07	49.6	0.00	0.432
10	77.0	86.0	68.0	1.44	34.6	0.00	0.312
11	79.0	89.0	69.0	2.10	50.4	0.03	0.288
12	78.0	87.0	69.0	1.31	31.4	0.03	0.288
13	76.5	85.0	68.0	1.31	31.4	0.04	0.288
14	75.0	82.0	68.0	1.55	37.2	0.00	0.288
15	76.0	83.0	69.0	1.40	33.6	0.06	0.336
16	76.0	83.0	69.0	1.35	32.4	1.93	0.528
17	76.3	85.5	67.0	0.77	18.5	0.09	0.306
18	77.0	85.0	69.0	0.55	13.2	0.18	0.552
19	75.5	83.0	68.0	1.23	29.5	0.19	0.552
20	78.0	85.0	71.0	1.66	39.8	0.03	0.552
21	78.3	86.5	70.0	1.12	26.9	0.05	0.192
22	78.8	85.5	70.0	1.78	42.7	0.16	0.312
23	76.8	84.0	69.5	1.07	25.7	0.46	0.216
24	76.0	84.0	68.0	0.79	19.0	0.00	0.240
25	75.0	82.0	68.0	0.55	13.2	1.02	0.317
26	76.0	84.0	68.0	0.41	9.8	0.00	0.317
27	77.0	85.0	69.0	0.98	23.5	0.00	0.317
28	78.0	86.0	70.0	1.21	29.0	0.00	0.317
29	77.0	85.0	69.0	0.95	22.8	0.06	0.317
30	77.5	85.0	70.0	0.49	11.8	0.00	0.192
31	79.3	87.0	70.5	0.37	8.9	0.01	0.264
MEAN DAILY VALUE	77.0	84.7	68.9	1.36	32.7	0.14	0.324
STANDARD DEVIATION	1.19	1.80	1.06	0.591	14.2	0.379	0.103
EXTREME DAILY VALUE	NA	89.0	66.0	NA	MAX 58.8 MIN 8.9	MAX 1.93 MIN 0.00	MAX 0.552 MIN 0.144
TOTAL FOR THE MONTH	NA	NA	NA	NA	1013.7	4.33	10.051



**Table 2. (Continued)**  
**MANATI JUNE 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	79.4	87.0	71.3	0.37	8.9	0.01	0.264
2	79.4	87.0	71.3	0.37	8.9	0.00	0.264
3	79.4	87.0	71.3	0.37	8.9	0.00	0.264
4	79.4	87.0	71.3	0.37	8.9	0.00	0.264
5	79.5	87.0	72.0	0.13	3.2	0.95	0.293
6	79.3	87.0	71.5	0.13	3.2	0.95	0.293
7	79.0	87.0	71.0	0.10	2.3	0.95	0.233
8	78.0	86.0	70.0	0.23	5.7	0.27	0.152
9	78.0	86.0	70.0	0.23	5.7	0.01	0.152
10	78.0	85.0	71.0	0.56	13.5	0.02	0.152
11	80.0	88.0	72.0	0.28	6.8	0.01	0.172
12	77.8	85.5	70.0	0.96	22.9	0.95	0.332
13	76.5	81.5	71.5	0.56	13.4	0.05	0.349
14	79.3	89.0	69.5	0.56	13.4	0.05	0.154
15	79.7	89.0	70.3	0.56	13.4	0.05	0.154
16	79.7	89.0	70.3	0.56	13.4	0.05	0.154
17	79.7	89.0	70.3	0.56	13.4	0.05	0.154
18	80.0	89.0	71.0	0.56	13.4	0.21	0.125
19	76.5	86.0	69.0	0.56	13.4	0.53	0.214
20	76.5	85.0	68.0	0.56	13.4	0.00	0.205
21	78.0	87.0	69.0	0.56	13.4	0.00	0.193
22	77.5	86.0	69.0	0.56	13.4	0.00	0.281
23	78.3	87.5	69.0	0.56	13.4	0.00	0.281
24	78.3	87.5	69.0	0.56	13.4	0.00	0.281
25	79.0	89.0	69.0	0.56	13.4	0.00	0.279
26	79.0	88.5	69.5	0.56	13.4	0.00	0.279
27	79.0	88.0	70.0	0.56	13.4	0.00	0.280
28	78.5	87.0	70.0	0.56	13.4	0.00	0.207
29	78.5	87.0	68.0	0.56	13.4	0.09	0.254
30	79.0	89.0	69.0	0.56	13.4	0.10	0.254
MEAN DAILY VALUE	78.7	87.1	70.1	0.47	11.3	0.18	0.231
STANDARD DEVIATION	0.988	1.60	1.12	0.178	4.23	0.322	0.061
EXTREME DAILY VALUE	NA	89.0	68.0	NA	MAX 22.9 MIN 2.3	MAX 0.95 MIN 0.00	MAX 0.349 MIN 0.125
TOTAL FOR THE MONTH	NA	NA	NA	NA	339.0	5.31	6.930

**Table 2. (Continued)**  
**MANATI JULY 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	79.0	89.0	69.5	0.56	13.4	0.10	0.254
2	79.5	89.0	70.0	0.56	13.4	0.20	0.193
3	78.8	87.5	70.0	0.56	13.4	0.20	0.193
4	78.8	87.5	70.0	0.56	13.4	0.19	0.193
5	78.0	86.0	70.0	0.56	13.4	0.00	0.175
6	78.5	87.0	71.0	0.56	13.4	0.03	0.263
7	78.8	87.5	70.5	0.56	13.4	0.02	0.263
8	78.8	87.5	70.5	0.56	13.4	0.02	0.263
9	79.0	88.0	70.0	0.56	13.4	0.00	0.301
10	77.0	85.0	69.0	0.56	13.4	0.10	0.171
11	77.8	86.0	69.5	0.56	13.4	0.09	0.171
12	78.5	87.0	70.0	0.56	13.4	0.00	0.280
13	80.0	88.0	72.0	0.56	13.4	0.17	0.223
14	79.8	88.5	71.0	0.56	13.4	0.17	0.223
15	79.8	88.5	71.0	0.56	13.4	0.16	0.223
16	79.5	89.0	70.0	0.56	13.4	0.00	0.272
17	79.0	88.5	69.5	0.56	13.4	0.00	0.272
18	78.5	88.0	69.0	0.56	13.4	0.01	0.206
19	78.0	87.5	68.5	0.56	13.4	0.00	0.206
20	77.5	87.0	68.0	0.56	13.4	0.15	0.150
21	78.3	87.5	69.0	0.56	13.4	0.15	0.150
22	78.3	87.5	69.0	0.56	13.4	0.14	0.150
23	79.0	88.0	70.0	1.75	42.0	0.12	0.150
24	80.0	88.0	72.0	2.62	62.8	0.01	0.095
25	81.3	87.5	75.0	2.59	62.1	0.04	0.340
26	82.5	89.0	76.0	2.86	68.7	0.00	0.418
27	82.8	93.0	72.5	1.60	38.3	0.08	0.213
28	81.8	92.5	71.0	1.60	38.3	0.07	0.213
29	81.8	92.5	71.0	1.60	38.3	0.07	0.213
30	80.8	92.0	69.5	2.51	60.3	0.00	0.318
31	81.5	92.0	71.0	1.87	44.8	0.00	0.286
MEAN DAILY VALUE	77.2	88.4	70.5	1.01	24.2	0.07	0.227
STANDARD DEVIATION	2.68	1.95	11.2	0.752	18.1	0.071	0.066
EXTREME DAILY VALUE	NA	93.0	68.0	NA	MAX 68.7 MIN 13.4	MAX 0.20 MIN 0.00	MAX 0.418 MIN 0.095
TOTAL FOR THE MONTH	NA	NA	NA	NA	750.2	2.29	7.041

**Table 2. (Continued)**  
**MANATÍ AUGUST 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	80.5	90.0	71.0	1.62	38.8	0.80	0.222
2	80.0	88.0	72.0	1.68	40.4	0.00	0.206
3	79.5	88.0	71.0	1.07	25.8	0.25	0.236
4	79.8	88.5	70.0	1.07	25.8	0.24	0.236
5	79.8	88.5	70.0	1.07	25.8	0.24	0.236
6	79.0	89.0	69.0	1.24	29.8	0.00	0.270
7	78.5	89.0	68.0	1.15	27.6	0.00	0.271
8	79.0	90.0	68.0	1.51	36.1	0.00	0.273
9	83.8	93.0	74.5	1.42	34.1	0.00	0.282
10	81.8	93.5	70.0	1.42	34.0	0.01	0.251
11	81.2	92.5	69.8	1.42	34.0	0.00	0.251
12	81.2	92.5	69.8	1.42	34.0	0.00	0.251
13	80.5	91.5	69.5	1.46	35.0	0.01	0.241
14	80.0	91.0	69.0	1.05	25.3	0.17	0.183
15	82.8	93.5	72.0	0.61	14.6	0.40	0.570
16	81.0	91.0	71.0	0.62	14.9	0.68	0.167
17	80.0	90.0	70.0	1.12	26.9	0.00	0.229
18	79.3	90.5	68.0	1.12	26.9	0.00	0.229
19	79.3	90.5	68.0	1.12	26.9	0.00	0.229
20	78.5	91.0	66.0	1.68	40.4	0.00	0.301
21	82.3	93.0	71.5	0.95	22.9	0.26	0.196
22	81.4	92.0	70.8	0.95	22.9	0.26	0.196
23	80.5	91.0	70.0	1.49	35.8	0.00	0.269
24	80.8	90.0	71.5	1.61	38.6	0.09	0.171
25	80.7	90.5	70.8	1.61	38.6	0.09	0.171
26	80.7	90.5	70.8	1.61	38.6	0.09	0.171
27	80.6	90.5	70.8	1.61	38.6	0.09	0.171
28	80.5	91.0	70.0	1.84	44.2	0.00	0.282
29	81.8	93.5	70.0	1.58	38.0	0.01	0.241
30	80.8	90.0	71.5	1.61	38.5	0.02	0.295
31	79.0	89.0	69.0	1.23	29.6	0.06	0.203
MEAN DAILY VALUE	80.5	90.7	70.1	1.37	31.7	0.12	0.242
STANDARD DEVIATION	1.21	1.60	1.56	0.312	7.34	0.195	0.071
EXTREME DAILY VALUE	NA	93.5	66.0	NA	MAX 44.4 MIN 22.9	MAX 0.80 MIN 0.00	MAX 0.570 MIN 0.171
TOTAL FOR THE MONTH	NA	NA	NA	NA	982.7	3.71	7.502

**Table 2. (Continued)**  
**MANATI SEPTEMBER 1984**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH) (MPD)			
1	78.8	88.5	69.0	1.23	29.6	0.05	0.203
2	78.8	88.5	69.0	1.23	29.6	0.05	0.203
3	78.8	88.5	69.0	1.23	29.6	0.05	0.203
4	78.5	88.0	69.0	1.39	33.6	0.13	0.202
5	79.8	90.0	69.5	1.39	33.6	0.13	0.202
6	79.8	90.0	69.5	1.39	33.6	0.12	0.202
7	81.0	92.0	70.0	1.68	40.3	0.00	0.266
8	80.3	91.0	69.5	1.68	40.3	0.00	0.266
9	80.3	91.0	69.5	1.68	40.3	0.00	0.266
10	79.5	90.0	69.0	1.40	33.6	0.12	0.173
11	78.5	90.0	67.0	0.90	21.7	0.40	0.127
12	79.3	90.0	68.5	0.90	21.7	0.39	0.127
13	80.0	90.0	70.0	1.01	24.3	0.20	0.112
14	79.5	88.0	71.0	0.98	23.6	0.21	0.179
15	79.8	89.0	70.5	0.98	23.6	0.21	0.179
16	79.8	89.0	70.5	0.98	23.6	0.20	0.179
17	80.0	90.0	70.0	0.44	10.5	0.97	0.128
18	79.3	89.0	69.5	0.44	10.5	0.96	0.128
19	78.5	88.0	69.0	0.48	11.5	0.14	0.135
20	78.5	87.0	70.0	0.42	10.0	0.00	0.112
21	80.3	89.5	71.0	0.48	11.5	0.02	0.152
22	79.8	89.5	68.0	0.48	11.5	0.02	0.152
23	79.8	89.5	68.0	0.48	11.5	0.01	0.152
24	79.3	89.5	65.0	0.49	11.6	0.00	0.184
25	80.3	91.5	69.0	0.84	20.2	0.06	0.183
26	79.6	90.5	68.5	0.84	20.2	0.05	0.183
27	79.6	90.5	68.5	0.84	20.2	0.05	0.183
28	78.8	89.5	68.0	0.43	10.4	0.33	0.292
29	79.3	90.0	68.5	0.43	10.4	0.33	0.292
30	79.3	90.0	68.5	0.43	10.4	0.33	0.292
MEAN DAILY VALUE	79.5	89.6	69.1	0.93	22.1	0.18	0.189
STANDARD DEVIATION	0.633	1.09	1.18	0.422	10.1	0.242	0.053
EXTREME DAILY VALUE	NA	92.0	65.0	NA	MAX 40.3 MIN 10.4	MAX 0.97 MIN 0.00	MAX 0.292 MIN 0.127
TOTAL FOR THE MONTH	NA	NA	NA	NA	663.0	5.53	5.657

**Table 2. (Continued)**  
**MANATÍ      OCTOBER 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	79.3	90.0	68.5	0.43	10.4	0.33	0.292
2	79.8	90.5	69.0	2.23	53.7	0.03	0.077
3	79.5	90.0	69.0	0.41	9.7	0.46	0.260
4	78.9	89.8	68.0	0.41	9.7	0.46	0.260
5	78.9	89.8	68.0	0.41	9.7	0.46	0.260
6	78.9	89.8	68.0	0.41	9.7	0.46	0.260
7	78.9	89.8	68.0	0.41	9.7	0.46	0.260
8	78.9	89.8	68.0	0.41	9.7	0.46	0.260
9	78.3	89.5	67.0	0.32	7.6	0.05	0.070
10	80.0	89.5	70.5	0.65	15.7	0.01	0.168
11	79.5	90.3	68.8	0.65	15.7	0.01	0.168
12	79.5	90.3	68.8	0.65	15.7	0.01	0.168
13	79.5	90.3	68.8	0.65	15.7	0.00	0.168
14	79.5	90.3	68.8	0.65	15.7	0.00	0.168
15	79.5	90.3	68.8	0.65	15.7	0.00	0.168
16	79.0	91.0	67.0	0.69	16.7	0.00	0.163
17	77.8	87.5	68.0	1.10	26.4	0.28	0.163
18	78.2	89.3	67.0	1.10	26.4	0.28	0.163
19	78.2	89.3	67.0	1.10	26.4	0.28	0.163
20	78.2	89.3	67.0	1.10	26.4	0.27	0.163
21	78.2	89.3	67.0	1.10	26.4	0.27	0.163
22	78.5	91.0	66.0	0.66	15.9	0.00	0.158
23	79.2	91.8	66.5	0.66	15.9	0.00	0.158
24	79.2	91.8	66.5	0.66	15.9	0.00	0.158
25	79.2	91.8	66.5	0.66	15.9	0.00	0.158
26	79.8	92.5	67.0	1.05	25.2	0.10	0.144
27	79.6	90.3	68.8	1.05	25.2	0.10	0.144
28	79.6	90.3	68.8	1.05	25.2	0.10	0.144
29	79.3	88.0	70.5	0.94	22.6	0.03	0.158
30	77.9	87.0	68.8	0.94	22.6	0.02	0.158
31	76.5	86.0	67.0	1.09	26.1	0.00	0.132
MEAN DAILY VALUE	78.9	89.9	68.0	0.78	18.8	0.16	0.177
STANDARD DEVIATION	0.741	1.35	1.12	0.373	8.98	0.181	0.052
EXTREME DAILY VALUE	NA	91.8	66.0	NA	MAX 53.7 MIN 7.6	MAX 0.46 MIN 0.00	MAX 0.292 MIN 0.070
TOTAL FOR THE MONTH	NA	NA	NA	NA	583.3	4.93	5.497

**Table 2. (Continued)**  
**MANATÍ NOVEMBER 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	78.0	86.5	69.5	1.10	26.5	0.01	0.109
2	79.0	87.0	71.0	0.62	14.9	0.39	0.064
3	78.4	86.5	70.3	0.62	14.9	0.39	0.064
4	78.4	86.5	70.3	0.62	14.9	0.38	0.064
5	77.8	86.0	69.5	2.18	52.3	0.25	0.071
6	78.1	84.8	71.3	2.18	52.3	0.25	0.071
7	78.1	84.8	71.3	2.18	52.3	0.24	0.071
8	78.3	83.5	73.0	2.13	51.2	0.08	0.182
9	79.5	84.0	75.0	2.13	51.2	0.02	0.194
10	76.3	83.5	70.0	2.13	51.2	0.02	0.194
11	76.3	83.5	70.0	2.13	51.2	0.02	0.194
12	76.3	83.5	70.0	2.13	51.2	0.02	0.194
13	74.0	83.0	65.0	1.14	27.3	1.13	0.052
14	70.8	80.5	70.0	2.75	66.0	0.40	0.476
15	78.0	81.0	75.0	2.84	68.0	0.00	0.259
16	73.8	83.5	64.0	1.79	43.0	0.23	0.166
17	74.7	84.3	65.0	1.79	43.0	0.22	0.166
18	74.7	84.3	65.0	1.79	43.0	0.22	0.166
19	75.5	85.0	66.0	1.53	36.8	0.01	0.119
20	76.3	84.5	68.0	1.97	47.3	0.00	0.178
21	76.8	84.5	69.0	1.95	46.7	0.03	0.178
22	77.3	86.8	67.8	1.95	46.7	0.03	0.178
23	77.8	89.0	66.5	1.08	26.0	0.00	0.131
24	77.7	89.5	65.8	1.08	26.0	0.00	0.131
25	77.7	89.5	65.8	1.08	26.0	0.00	0.131
26	77.5	90.0	65.0	1.28	30.8	0.20	0.146
27	75.5	82.0	69.0	1.50	36.1	0.01	0.114
28	73.3	81.0	65.5	1.17	28.1	0.01	0.140
29	72.0	80.5	63.5	1.79	42.9	0.01	0.146
30	72.8	82.0	63.5	1.26	30.3	0.31	0.079
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MEAN DAILY VALUE	74.0	84.7	68.4	1.66	39.9	0.15	0.148
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STANDARD DEVIATION	3.21	2.60	7.33	0.585	14.0	0.229	0.080
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EXTREME DAILY VALUE	NA	90.0	63.5	NA	MAX 52.3 MIN 14.9	MAX 1.13 MIN 0.00	MAX 0.259 MIN 0.052
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TOTAL FOR THE MONTH	NA	NA	NA	NA	1197.0	4.57	4.428

**Table 2. (Continued)**  
**MANATÍ DECEMBER 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	72.8	82.0	63.5	1.26	30.3	0.30	0.079
2	72.8	82.0	63.5	1.26	30.3	0.30	0.079
3	72.8	82.0	63.5	1.69	40.7	0.11	0.163
4	73.7	82.3	64.0	1.69	40.7	0.10	0.163
5	74.5	82.5	66.5	1.40	33.6	0.06	0.165
6	76.3	83.0	69.5	1.65	39.7	0.01	0.145
7	74.5	83.0	66.0	1.39	33.8	0.22	0.147
8	74.7	83.0	66.3	1.39	33.8	0.22	0.147
9	74.7	83.0	66.3	1.39	33.8	0.22	0.147
10	74.7	83.0	66.3	1.39	33.8	0.22	0.147
11	74.8	83.0	66.5	0.84	20.2	0.07	0.055
12	73.3	80.5	66.0	0.88	21.0	0.00	0.111
13	74.3	84.0	64.5	2.39	57.4	0.19	0.154
14	73.8	81.0	64.0	2.39	57.4	0.19	0.154
15	73.8	81.0	64.0	2.39	57.4	0.19	0.154
16	73.8	81.0	64.0	2.39	57.4	0.18	0.154
17	73.8	81.0	64.0	2.39	57.4	0.18	0.154
18	73.3	78.0	63.5	2.33	55.8	0.01	0.175
19	72.3	78.5	66.0	0.91	21.8	0.06	0.090
20	72.3	78.0	66.5	1.47	35.2	0.00	0.139
21	75.5	79.0	72.0	1.74	41.7	0.14	0.125
22	74.7	80.3	69.0	1.74	41.7	0.14	0.125
23	74.7	80.3	69.0	1.74	41.7	0.13	0.125
24	74.7	80.3	69.0	1.74	41.7	0.13	0.125
25	74.7	80.3	69.0	1.74	41.7	0.13	0.125
26	74.7	80.3	69.0	1.74	41.7	0.13	0.125
27	73.8	81.5	66.0	1.79	43.0	0.49	0.110
28	72.7	80.8	64.5	1.79	43.0	0.48	0.110
29	72.7	80.8	64.5	1.79	43.0	0.48	0.110
30	72.7	80.8	64.5	1.79	43.0	0.48	0.110
31	72.7	80.8	64.5	1.79	43.0	0.48	0.110
MEAN DAILY VALUE	73.9	81.2	66.0	1.69	40.5	0.19	0.130
STANDARD DEVIATION	0.991	1.50	2.20	0.432	10.3	0.147	0.028
EXTREME DAILY VALUE	NA	83.0	63.5	NA	MAX 57.4 MIN 20.2	MAX 0.48 MIN 0.00	MAX 0.175 MIN 0.055
TOTAL FOR THE MONTH	NA	NA	NA	NA	1255.5	6.03	4.022

**Table 2. (Continued)**  
**MANATÍ JANUARY 1985**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	72.7	80.8	64.5	1.79	43.0	0.48	0.110
2	71.5	80.0	63.0	0.64	15.4	0.27	0.156
3	73.2	80.5	66.5	1.09	26.0	0.09	0.137
4	79.0	80.0	68.0	1.15	27.6	0.00	0.125
5	78.7	81.0	71.3	1.15	27.6	0.00	0.125
6	78.7	81.0	71.3	1.15	27.6	0.00	0.125
7	78.3	82.0	74.5	1.09	26.1	0.00	0.168
8	72.3	80.0	64.5	1.38	33.2	0.00	0.173
9	72.3	81.5	63.0	0.87	20.9	0.31	0.253
10	72.0	81.0	63.0	0.73	17.6	0.15	0.080
11	72.7	80.8	63.0	0.76	17.6	0.15	0.080
12	72.7	80.8	63.0	0.76	17.6	0.14	0.080
13	72.7	80.8	63.0	0.73	17.6	0.14	0.080
14	72.3	80.5	64.0	0.67	16.2	0.00	0.077
15	70.3	79.5	61.0	0.53	12.7	0.00	0.141
16	73.0	80.5	65.5	0.59	14.1	0.00	0.143
17	71.3	81.5	61.0	0.67	16.1	0.00	0.133
18	73.0	80.5	65.5	0.92	22.1	0.00	0.156
19	73.2	84.3	62.0	0.92	22.1	0.00	0.156
20	73.2	84.3	62.0	0.92	22.1	0.00	0.156
21	73.3	88.0	58.5	0.79	19.0	0.00	0.048
22	72.5	85.0	60.0	1.02	24.5	0.00	0.178
23	72.0	84.0	60.0	1.02	24.5	0.00	0.178
24	71.5	83.0	60.0	0.99	23.7	0.01	0.136
25	73.2	85.3	61.0	0.99	23.7	0.01	0.136
26	73.2	85.3	61.0	0.99	23.7	0.00	0.136
27	73.2	85.3	61.0	0.99	23.7	0.00	0.136
28	74.8	87.5	62.0	1.07	25.7	0.01	0.120
29	74.3	87.0	61.5	1.07	25.7	0.00	0.120
30	74.3	87.0	61.5	1.07	25.7	0.00	0.120
31	73.8	86.5	61.0	1.39	33.4	0.06	0.159
MEAN DAILY VALUE	73.5	85.7	63.5	0.96	23.1	0.06	0.133
STANDARD DEVIATION	2.18	3.95	3.58	0.258	6.22	0.112	0.039
EXTREME DAILY VALUE	NA	87.5	58.5	NA	MAX 43.0 MIN 12.7	MAX 0.48 MIN 0.00	MAX 0.253 MIN 0.048
TOTAL FOR THE MONTH	NA	NA	NA	NA	716.1	1.76	4.121



**Table 2. (Continued)**  
**MANATÍ FEBRUARY 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	73.7	86.8	60.5	1.39	33.4	0.06	0.159
2	73.7	86.8	60.5	1.39	33.4	0.06	0.159
3	73.7	86.8	60.5	1.39	33.4	0.06	0.159
4	73.7	86.8	60.5	1.39	33.4	0.06	0.159
5	73.7	86.8	60.5	1.39	33.4	0.05	0.159
6	73.7	86.8	60.5	1.39	33.4	0.05	0.159
7	73.5	87.0	60.0	1.05	25.2	0.02	0.143
8	73.2	85.5	60.8	1.05	25.2	0.02	0.143
9	73.2	85.5	60.8	1.05	25.2	0.01	0.143
10	73.2	85.5	60.8	1.05	25.2	0.01	0.143
11	73.2	85.5	60.8	1.05	25.2	0.01	0.143
12	73.2	85.5	60.8	1.05	25.2	0.01	0.143
13	73.2	85.5	60.8	1.05	25.2	0.01	0.143
14	72.8	84.0	61.5	1.06	25.5	0.11	0.161
15	74.4	87.3	61.5	1.06	25.5	0.11	0.161
16	74.4	87.3	61.5	1.06	25.5	0.11	0.161
17	74.4	87.3	61.5	1.06	25.5	0.11	0.161
18	74.4	87.3	61.5	1.06	25.5	0.10	0.161
19	74.4	87.3	61.5	1.06	25.5	0.10	0.161
20	76.0	90.5	61.5	1.16	27.7	0.00	0.144
21	72.8	84.0	61.5	1.24	29.7	0.31	0.187
22	72.8	83.0	62.5	1.24	29.7	0.31	0.187
23	72.8	83.0	62.5	1.24	29.7	0.31	0.187
24	72.8	83.0	62.5	1.24	29.7	0.31	0.187
25	72.8	83.0	62.5	1.24	29.7	0.31	0.187
26	72.8	82.0	63.5	0.78	18.7	0.37	0.114
27	75.4	81.5	64.3	0.78	18.7	0.36	0.114
28	78.0	81.0	65.0	1.09	26.0	0.01	0.184
MEAN DAILY VALUE	73.8	85.4	61.5	1.15	27.5	0.12	0.156
STANDARD DEVIATION	1.14	2.29	1.18	0.167	4.02	0.124	0.020
EXTREME DAILY VALUE	NA	87.3	60.0	NA	MAX 33.4 MIN 18.7	MAX 0.37 MIN 0.00	MAX 0.187 MIN 0.114
TOTAL FOR THE MONTH	NA	NA	NA	NA	770.0	3.36	4.412

**Table 2. (Continued)**  
**MANATÍ MARCH 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	75.9	82.3	64.5	1.09 26.0	0.00	0.184
2	75.9	82.3	64.5	1.09 26.0	0.00	0.184
3	75.9	82.3	64.5	1.09 26.0	0.00	0.184
4	73.8	83.5	64.0	0.99 23.6	0.08	0.173
5	72.4	81.3	63.5	0.99 23.6	0.07	0.173
6	71.0	79.0	63.0	0.80 19.1	0.75	0.150
7	71.2	80.3	64.0	0.80 19.1	0.74	0.150
8	73.3	81.5	65.0	1.02 24.4	0.04	0.157
9	73.8	82.5	65.0	1.02 24.4	0.04	0.157
10	73.8	82.5	65.0	1.02 24.4	0.04	0.157
11	73.8	82.5	65.0	1.02 24.4	0.03	0.157
12	74.3	83.5	65.0	1.01 24.3	0.00	0.182
13	73.7	83.8	63.5	1.01 24.3	0.00	0.182
14	73.7	83.8	63.5	1.01 24.3	0.00	0.182
15	73.0	84.0	62.0	1.11 26.6	0.02	0.172
16	74.2	85.8	62.5	1.11 26.6	0.01	0.172
17	74.2	85.8	62.5	1.11 26.6	0.01	0.172
18	75.3	87.5	63.0	0.79 18.9	0.32	0.194
19	73.7	83.8	63.5	0.79 18.9	0.32	0.194
20	73.7	83.8	63.5	0.79 18.9	0.31	0.194
21	72.0	80.0	64.0	0.96 23.0	0.00	0.185
22	73.4	82.0	64.8	0.96 23.0	0.00	0.185
23	73.4	82.0	64.8	0.96 23.0	0.00	0.185
24	73.4	82.0	64.8	0.90 23.0	0.00	0.185
25	73.4	82.0	64.8	0.96 23.0	0.00	0.185
26	74.8	84.0	65.5	1.64 39.3	1.20	0.301
27	73.6	80.8	66.3	1.64 39.3	1.20	0.301
28	73.6	80.8	66.3	1.64 39.3	1.20	0.301
29	72.3	77.5	67.0	0.96 23.0	0.30	0.171
30	75.0	80.3	69.7	0.96 23.0	0.29	0.171
31	75.0	80.3	69.7	0.96 23.0	0.29	0.171
MEAN DAILY VALUE	73.7	82.3	64.7	1.04 25.0	0.23	0.187
STANDARD DEVIATION	1.19	2.02	1.73	0.218 13.2	0.373	0.039
EXTREME DAILY VALUE	NA	87.5	62.0	NA MAX 39.3 MIN 18.9	MAX 1.20 MIN 0.00	MAX 0.301 MIN 0.150
TOTAL FOR THE MONTH	NA	NA	NA	NA 775.0	7.26	5.811

**Table 2. (Continued)**  
**MANATÍ**                      **APRIL 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	73.3	83.0	63.5	0.85	20.5	0.00	0.219
2	73.1	83.5	62.5	0.85	20.5	0.00	0.219
3	72.8	84.0	61.5	0.96	23.1	0.05	0.209
4	72.4	82.5	62.3	0.96	23.1	0.04	0.209
5	72.4	82.5	62.3	0.96	23.1	0.04	0.209
6	72.4	82.5	62.3	0.96	23.1	0.04	0.209
7	72.4	82.5	62.3	0.96	23.1	0.04	0.209
8	72.4	82.5	62.3	0.96	23.1	0.04	0.209
9	72.4	82.5	62.3	0.96	23.1	0.04	0.209
10	72.0	81.0	63.0	1.34	32.6	0.00	0.296
11	75.0	85.5	64.5	1.33	32.0	0.05	0.228
12	75.0	85.8	64.3	1.33	32.0	0.05	0.228
13	75.0	85.8	64.3	1.33	32.0	0.05	0.228
14	75.0	85.8	64.3	1.33	32.0	0.04	0.228
15	75.0	86.0	64.0	1.32	31.8	0.00	0.235
16	76.0	86.0	66.0	1.32	31.8	0.00	0.235
17	76.0	86.0	66.0	1.32	31.8	0.00	0.235
18	76.0	86.0	66.0	1.32	31.8	0.00	0.235
19	77.0	86.0	68.0	1.23	29.5	0.55	0.243
20	75.5	85.0	66.0	1.23	29.5	0.54	0.243
21	75.5	85.0	66.0	1.23	29.5	0.54	0.243
22	74.0	84.0	64.0	0.90	21.5	0.33	0.152
23	74.0	84.0	64.0	0.90	21.5	0.33	0.152
24	74.0	84.0	64.0	0.52	12.7	0.00	0.108
25	74.0	83.0	65.0	1.46	35.1	0.04	0.223
26	74.8	84.0	65.5	1.46	35.1	0.05	0.223
27	74.8	84.0	65.5	1.46	35.1	0.05	0.223
28	74.8	84.0	65.5	1.46	35.1	0.05	0.223
29	74.8	84.0	65.5	1.46	35.1	0.05	0.223
30	74.8	84.0	65.5	1.46	35.1	0.05	0.223
MEAN DAILY VALUE	74.2	84.1	66.5	1.21	29.1	0.10	0.225
STANDARD DEVIATION	1.35	1.39	2.72	0.250	5.99	0.166	0.033
EXTREME DAILY VALUE	NA	86.0	61.5	NA	MAX 35.1 MIN 12.7	MAX 0.55 MIN 0.00	MAX 0.243 MIN 0.108
TOTAL FOR THE MONTH	NA	NA	NA	NA	873.0	3.06	6.75

**Table 2. (Continued)**  
**MANATI MAY 1985**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	74.8	84.0	65.5	1.46	35.1	0.05	0.223
2	75.3	85.0	66.0	1.40	33.7	0.92	0.223
3	75.8	84.5	67.0	1.58	38.0	0.04	0.222
4	76.1	85.5	66.5	1.58	38.0	0.04	0.222
5	76.1	85.5	66.5	1.58	38.0	0.04	0.222
6	76.1	85.5	66.5	1.58	38.0	0.03	0.222
7	76.3	86.5	66.0	1.20	28.8	0.63	0.172
8	75.0	82.5	67.5	1.94	46.7	0.02	0.155
9	75.5	84.0	66.0	1.94	46.7	0.01	0.155
10	76.0	85.5	66.5	1.72	41.3	0.04	0.231
11	77.0	85.3	68.8	1.72	41.3	0.04	0.231
12	77.0	85.3	68.8	1.72	41.3	0.04	0.231
13	77.0	85.3	68.8	1.72	41.3	0.03	0.231
14	78.0	85.0	71.0	0.95	22.7	0.58	0.162
15	77.8	86.0	69.5	0.95	22.7	0.58	0.162
16	77.8	86.0	69.5	0.95	22.7	0.57	0.162
17	77.5	87.0	68.0	0.95	22.7	----	-----
MEAN DAILY VALUE	---	---	---	---	---	---	---
STANDARD DEVIATION	---	---	---	---	---	---	---
EXTREME DAILY VALUE	NA	---	---	NA	MAX --- MIN ---	MAX --- MIN ---	MAX --- MIN ---
TOTAL FOR THE MONTH	NA	NA	NA	NA	---	---	---

**Table 3. Weather data and statistical analyses for the Arecibo weather station  
AUGUST 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	---	---	---	---	---	---
2	---	---	---	---	---	---
3	---	---	---	---	---	---
4	---	---	---	---	---	---
5	78.0	91.0	65.0	---	---	---
6	77.0	91.0	63.0	---	---	---
7	77.0	91.0	63.0	---	---	---
8	76.0	91.0	61.0	0.41 10.0	---	---
9	76.0	90.0	62.0	0.25 6.1	0.08	0.293
10	79.0	94.0	64.0	0.25 6.1	0.07	0.293
11	76.5	91.0	62.0	0.20 4.8	0.39	0.298
12	77.0	90.0	64.0	0.20 7.2	0.38	0.298
13	77.0	91.5	62.5	0.20 7.2	0.38	0.298
14	77.0	91.5	62.5	0.20 7.2	0.38	0.298
15	77.0	93.0	61.0	0.30 7.2	0.36	0.142
16	76.8	90.5	63.0	0.30 7.2	0.36	0.142
17	76.5	88.0	65.0	0.30 7.2	0.04	0.098
18	76.5	89.0	64.0	2.11 50.8	0.00	0.273
19	79.0	94.0	64.0	1.44 34.6	0.26	0.192
20	77.5	92.0	63.0	1.44 34.6	0.26	0.192
21	77.5	92.0	63.0	1.44 34.6	0.26	0.192
22	76.0	90.0	62.0	2.36 56.7	0.00	0.254
23	74.5	89.0	65.0	2.67 64.0	0.00	0.022
24	78.0	90.0	66.0	2.22 53.2	0.30	0.434
25	76.0	89.0	63.0	0.79 19.1	0.26	0.141
26	76.0	88.0	64.0	0.53 12.8	0.31	0.059
27	76.0	88.5	63.5	0.53 12.8	0.31	0.059
28	76.0	88.5	63.5	0.53 12.8	0.30	0.059
29	76.0	89.0	63.0	1.15 27.5	0.00	0.169
30	76.5	90.0	63.0	0.66 15.8	0.04	0.159
31	76.0	89.0	63.0	1.88 45.1	0.00	0.238
MEAN DAILY VALUE	---	---	---	---	---	---
STANDARD DEVIATION	---	---	---	---	---	---
EXTREME DAILY VALUE	NA	---	---	NA	MAX --- MIN ---	MAX --- MIN ---
TOTAL FOR THE MONTH	NA	NA	NA	NA	---	---

**Table 3. (Continued)**  
**ARECIBO SEPTEMBER 1983**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	77.5	89.0	66.0	1.96	47.0	0.00	0.257
2	79.5	91.0	68.0	1.59	38.3	0.07	0.221
3	77.8	90.5	65.0	1.59	38.3	0.06	0.221
4	77.8	90.5	65.0	1.59	38.3	0.06	0.221
5	77.8	90.5	65.0	1.59	38.3	0.06	0.221
6	76.0	90.0	62.0	0.79	19.1	0.04	0.237
7	76.5	89.0	62.0	0.33	8.0	0.07	0.193
8	76.5	90.0	63.0	0.33	8.0	0.07	0.193
9	74.0	92.0	60.0	1.51	36.2	0.04	0.251
10	75.5	91.5	61.5	1.51	36.2	0.03	0.251
11	75.5	91.5	61.5	1.51	36.2	0.03	0.251
12	77.0	91.0	63.0	2.12	51.0	0.00	0.244
13	77.5	91.0	64.0	2.37	57.0	0.04	0.275
14	78.5	91.0	66.0	2.37	57.0	0.04	0.275
15	79.0	92.0	66.0	0.62	14.9	0.00	0.142
16	77.0	90.0	64.0	1.23	29.4	0.68	0.138
17	78.3	90.5	66.0	1.23	29.4	0.68	0.138
18	78.3	90.5	66.0	1.23	29.4	0.67	0.138
19	79.5	91.0	68.0	1.65	39.7	0.21	0.071
20	78.0	89.0	67.0	1.68	40.4	0.23	0.266
21	77.0	88.0	66.0	0.27	6.5	0.00	0.251
22	76.3	88.0	64.5	0.53	12.7	0.00	0.239
23	75.5	88.0	63.0	0.59	14.2	0.14	0.153
24	75.5	88.5	62.5	0.59	14.2	0.13	0.153
25	75.5	88.5	62.5	0.59	14.2	0.13	0.153
26	75.5	89.0	62.0	0.28	6.7	0.00	0.153
27	77.5	93.0	62.0	0.64	15.4	0.05	0.106
28	76.5	91.0	62.0	0.64	15.4	0.04	0.106
29	76.5	90.0	63.0	1.32	31.6	0.00	0.357
30	76.0	90.0	62.0	0.73	17.5	0.29	0.126
MEAN DAILY VALUE	76.9	90.2	63.9	1.17	28.0	0.13	0.200
STANDARD DEVIATION	1.32	1.30	2.08	0.62	15.0	0.196	0.064
EXTREME DAILY VALUE	NA	93.0	60.0	NA	MAX 57.0 MIN 6.5	MAX 0.68 MIN 0.00	MAX 0.357 MIN 0.071
TOTAL FOR THE MONTH	NA	NA	NA	NA	840.0	3.86	6.013

**Table 3. (Continued)**  
**ARECIBO      OCTOBER 1983**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	76.0	90.5	61.5	0.73	17.5	0.29	0.126
2	76.0	90.5	61.5	0.73	17.5	0.29	0.126
3	76.0	91.0	61.0	0.31	7.6	0.00	0.164
4	74.5	87.0	62.0	0.86	20.7	0.00	0.263
5	75.0	89.0	61.0	0.27	6.6	0.00	0.230
6	75.0	89.0	61.0	1.09	26.3	0.00	0.223
7	75.5	90.0	61.0	1.21	29.0	0.00	0.088
8	75.5	89.5	61.5	1.21	29.0	0.00	0.088
9	75.5	89.5	61.5	1.21	29.0	0.00	0.088
10	75.5	89.5	61.5	1.21	29.0	0.00	0.088
11	75.5	89.0	62.0	1.43	34.3	0.00	0.126
12	75.5	89.5	61.5	1.32	31.8	0.46	0.285
13	75.5	90.0	61.0	1.26	30.2	0.05	0.096
14	76.0	89.0	63.0	0.68	16.3	0.15	0.213
15	76.0	89.0	63.0	0.68	16.3	0.15	0.213
16	76.0	89.0	63.0	0.68	16.3	0.14	0.213
17	76.0	89.0	63.0	0.65	15.6	0.00	0.202
18	75.5	89.0	62.0	0.21	4.9	0.30	0.252
19	75.0	88.0	62.0	0.21	4.9	2.00	0.252
20	75.0	88.0	62.0	0.44	10.5	0.70	0.176
21	75.5	88.0	63.0	0.59	14.2	0.00	0.199
22	75.5	88.5	62.5	0.59	14.2	0.00	0.199
23	75.5	88.5	62.5	0.59	14.2	0.00	0.199
24	75.5	89.0	62.0	0.59	14.2	0.00	0.199
25	76.5	89.0	64.0	0.69	16.6	0.00	0.170
26	76.5	91.0	62.0	0.52	12.7	0.00	0.180
27	76.5	93.0	60.0	0.75	18.0	0.18	0.161
28	76.0	92.0	60.0	0.75	18.0	0.18	0.161
29	75.0	90.0	60.0	0.75	18.0	0.18	0.161
30	75.0	90.0	60.0	0.75	18.0	0.17	0.161
31	74.0	88.0	60.0	0.72	17.4	0.02	0.184
MEAN DAILY VALUE	75.5	89.6	61.7	0.79	18.3	0.17	0.177
STANDARD DEVIATION	0.560	1.23	1.03	0.328	7.83	0.371	0.054
EXTREME DAILY VALUE	NA	93.0	60.0	NA	MAX 34.3 MIN 4.9	MAX 2.00 MIN 0.00	MAX 0.285 MIN 0.088
TOTAL FOR THE MONTH	NA	NA	NA	NA	586.8	5.26	5.476

**Table 3. (Continued)**  
**ARECIBO NOVEMBER 1983**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	74.5	86.0	63.0	1.38	33.0	0.14	0.184
2	74.5	87.0	62.0	0.00	0.0	0.00	0.192
3	74.0	86.0	62.0	0.00	0.0	0.86	0.031
4	70.0	77.0	63.0	0.40	9.6	0.20	0.225
5	71.8	83.0	60.5	0.40	9.6	0.20	0.225
6	71.8	83.0	60.5	0.40	9.6	0.20	0.225
7	73.5	89.0	58.0	0.40	9.6	0.20	0.225
8	73.5	89.0	58.0	0.40	9.6	0.00	0.225
9	74.0	87.0	61.0	0.51	12.2	0.00	0.166
10	74.0	87.0	61.0	0.51	12.2	0.00	0.166
11	74.0	87.0	61.0	0.51	12.2	0.00	0.166
12	74.5	88.5	60.5	0.51	12.2	0.00	0.166
13	74.5	88.5	60.5	0.51	12.2	0.00	0.166
14	75.0	90.0	60.0	0.51	12.2	0.00	0.166
15	75.0	88.0	62.0	0.51	12.2	0.00	0.166
16	74.5	89.0	60.0	0.51	12.2	0.00	0.166
17	74.5	90.0	59.0	0.51	12.2	0.00	0.166
18	74.5	90.0	59.0	1.35	32.3	0.01	0.167
19	73.8	89.0	58.5	1.35	32.3	0.00	0.167
20	73.8	89.0	58.5	1.35	32.3	0.00	0.167
21	73.0	88.0	58.0	1.03	24.8	0.00	0.158
22	73.0	88.5	58.5	1.03	24.8	0.00	0.158
23	73.0	89.0	59.0	1.16	27.9	0.03	0.202
24	72.3	87.5	58.0	1.16	27.9	0.03	0.202
25	72.3	87.5	58.0	1.16	27.9	0.03	0.202
26	72.3	87.5	58.0	1.16	27.9	0.02	0.202
27	72.3	87.5	58.0	1.16	27.9	0.02	0.202
28	71.5	86.0	57.0	1.90	45.7	0.10	0.202
29	73.5	87.0	60.0	0.64	15.2	0.06	0.084
30	71.0	81.0	61.0	1.29	31.0	0.00	0.166
<hr/>							
MEAN DAILY VALUE	73.3	87.1	59.8	0.79	18.9	0.07	0.177
<hr/>							
STANDARD DEVIATION	1.25	2.78	1.64	0.460	11.0	0.160	0.040
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EXTREME DAILY VALUE	NA	90.0	57.0	NA	MAX 45.7 MIN 0.0	MAX 0.86 MIN 0.00	MAX 0.225 MIN 0.031
<hr/>							
TOTAL FOR THE MONTH	NA	NA	NA	NA	568.7	2.12	5.305



**Table 3. (Continued)**  
**ARECIBO DECEMBER 1983**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	73.5	87.0	60.0	1.59	38.3	0.07	0.200
2	75.5	87.0	64.0	1.26	30.3	0.05	0.060
3	74.5	87.0	62.0	1.26	30.3	0.05	0.060
4	74.5	87.0	62.0	1.26	30.3	0.04	0.060
5	73.5	87.0	60.0	1.14	27.4	0.07	0.155
6	73.5	86.0	61.0	1.14	27.4	0.00	0.155
7	72.5	86.0	59.0	1.18	28.3	0.03	0.178
8	77.0	86.0	68.0	1.75	42.0	0.00	0.154
9	71.5	86.0	57.0	1.42	34.0	0.01	0.191
10	72.0	86.0	57.5	1.42	34.0	0.01	0.191
11	72.0	86.0	57.5	1.42	34.0	0.01	0.191
12	72.0	86.0	58.0	1.42	34.0	0.00	0.191
13	71.0	87.0	55.0	1.09	26.3	0.00	0.215
14	71.0	87.0	55.0	1.85	44.5	0.00	0.194
15	71.5	87.0	56.0	1.48	35.5	0.01	0.143
16	74.0	89.0	59.0	1.85	44.3	0.06	0.196
17	73.0	87.5	59.0	1.85	44.3	0.05	0.196
18	73.0	87.5	59.0	1.85	44.3	0.05	0.196
19	73.0	87.5	59.0	1.75	42.0	0.00	0.201
20	72.5	86.0	59.0	1.31	31.4	0.02	0.163
21	73.0	87.0	59.0	1.44	34.5	0.01	0.204
22	73.5	87.0	60.0	1.04	24.9	0.01	0.171
23	73.5	88.5	58.5	1.04	24.9	0.01	0.171
24	73.5	88.5	58.5	1.04	24.9	0.01	0.171
25	73.5	88.5	58.5	1.04	24.9	0.00	0.171
26	73.5	88.5	58.5	1.04	24.9	0.00	0.171
27	73.5	90.0	57.0	2.21	53.1	0.02	0.166
28	74.5	89.0	60.0	2.09	50.2	0.00	0.172
29	73.5	87.0	60.0	1.15	27.5	0.21	0.227
30	72.0	86.5	57.0	1.15	27.5	0.22	0.227
31	72.0	86.5	57.0	1.15	27.5	0.22	0.227
MEAN DAILY VALUE	73.1	87.2	59.2	1.41	33.8	0.04	0.173
STANDARD DEVIATION	1.29	1.05	2.52	0.330	7.97	0.062	0.043
EXTREME DAILY VALUE	NA	90.0	55.0	NA	MAX 53.1 MIN 24.9	MAX 0.22 MIN 0.00	MAX 0.227 MIN 0.060
TOTAL FOR THE MONTH	NA	NA	NA	NA	1047.7	1.25	5.368

**Table 3. (Continued)**  
**ARECIBO      JANUARY 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	72.0	86.5	57.0	1.15	27.5	0.22	0.227
2	72.0	86.5	57.0	1.15	27.5	0.22	0.227
3	70.0	86.0	54.0	0.80	19.7	0.00	0.164
4	70.5	84.0	57.0	0.71	17.1	0.07	0.125
5	71.5	86.0	57.0	0.83	20.0	0.07	0.125
6	71.5	86.0	57.0	0.83	20.0	0.07	0.125
7	71.5	86.0	57.0	0.83	20.0	0.06	0.125
8	71.5	86.0	57.0	0.83	20.0	0.06	0.125
9	72.5	88.0	57.0	1.25	29.9	0.16	0.125
10	72.0	84.0	60.0	2.23	53.4	0.00	0.125
11	71.0	84.0	58.0	1.53	36.8	0.00	0.069
12	71.0	84.5	58.0	1.53	36.8	0.00	0.069
13	71.5	85.0	58.0	1.62	38.9	0.00	0.069
14	72.0	85.0	58.5	1.62	38.9	0.00	0.069
15	72.0	85.0	58.5	1.62	38.9	0.00	0.069
16	72.0	85.0	58.5	1.69	40.5	0.00	0.069
17	72.0	85.0	58.5	1.69	40.5	0.00	0.069
18	72.0	85.0	58.5	2.41	57.9	0.00	0.144
19	72.0	85.0	58.5	2.41	57.9	0.00	0.144
20	72.0	85.0	59.0	2.51	60.4	0.01	0.277
21	71.5	85.5	57.5	2.51	60.4	0.01	0.277
22	71.5	85.5	57.5	2.51	60.4	0.00	0.277
23	71.0	86.0	56.0	0.54	12.9	0.02	0.068
24	71.5	87.5	55.5	0.54	12.9	0.02	0.068
25	71.5	87.5	55.5	0.54	12.9	0.02	0.068
26	71.5	87.5	55.5	0.54	12.9	0.01	0.068
27	71.5	87.5	55.5	0.54	12.9	0.01	0.068
28	71.5	87.5	55.5	0.54	12.9	0.01	0.068
29	71.5	87.5	55.5	0.54	12.9	0.01	0.068
30	71.5	87.5	55.5	0.54	12.9	0.01	0.008
31	71.5	87.5	55.5	0.54	12.9	0.01	0.000
MEAN DAILY VALUE	71.6	85.9	57.1	1.26	30.3	0.07	0.115
STANDARD DEVIATION	0.489	1.21	1.37	0.698	16.8	0.069	0.063
EXTREME DAILY VALUE	NA	87.5	54.0	NA	MAX 60.4 MIN 12.9	MAX 0.22 MIN 0.00	MAX 0.277 MIN 0.00
TOTAL FOR THE MONTH	NA	NA	NA	NA	939.0	2.13	3.565

**Table 3. (Continued)**  
**ARECIBO      APRIL 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	----	----	----	2.35 56.5	0.00	0.428
2	75.5	90.0	61.0	1.74 41.9	0.30	0.160
3	76.0	89.0	63.0	1.27 30.5	0.00	0.293
4	72.5	84.0	61.0	3.00 72.0	0.00	0.325
5	72.5	88.0	57.0	1.94 46.6	0.00	0.252
6	74.5	92.0	57.0	1.45 34.9	0.00	0.126
7	74.0	91.5	57.0	1.45 34.9	0.00	0.126
8	74.0	91.5	57.0	1.45 34.9	0.00	0.126
9	74.0	91.0	57.0	3.06 73.5	0.00	0.126
10	71.5	88.0	55.0	1.75 42.0	0.00	0.228
11	73.5	90.0	57.0	1.49 35.7	0.00	0.290
12	74.0	89.0	59.0	1.59 38.3	0.00	0.319
13	76.0	91.0	61.0	3.04 72.8	0.10	0.326
14	76.0	90.5	61.5	3.04 72.8	0.10	0.326
15	76.0	90.5	61.5	3.04 72.8	0.10	0.326
16	76.0	90.0	62.0	0.79 17.0	0.00	0.485
17	74.0	89.0	59.0	2.45 58.7	0.00	0.274
18	73.5	89.0	58.0	3.27 78.5	0.00	0.364
19	73.0	89.0	57.5	4.69 112.6	0.00	0.503
20	73.0	89.0	57.5	4.69 112.6	0.00	0.503
21	73.0	89.0	57.5	4.69 112.6	0.00	0.503
22	73.0	89.0	57.5	4.64 112.6	0.00	0.503
23	73.0	89.0	57.0	3.21 77.2	0.00	0.296
24	73.0	90.0	56.0	2.91 69.7	0.00	0.318
25	73.5	90.0	58.0	2.79 67.0	0.00	0.335
26	75.0	90.0	60.0	2.31 55.4	0.00	0.282
27	75.5	90.0	61.0	4.42 106.1	0.00	0.136
28	73.5	88.0	59.0	4.42 106.1	0.00	0.136
29	73.5	88.0	59.0	4.42 106.1	0.00	0.136
30	71.5	86.0	57.0	2.39 57.4	0.02	0.248
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MEAN DAILY VALUE	74.0	89.3	58.6	2.79 67.0	0.02	0.293
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STANDARD DEVIATION	1.31	1.61	2.03	1.18 28.4	0.059	0.123
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EXTREME DAILY VALUE	NA	92.0	56.0	NA      MAX MIN	MAX 0.30 MIN	MAX 0.503 MIN
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TOTAL FOR THE MONTH	NA	NA	NA	NA 2009.7	0.62	8.790

**Table 3. (Continued)**  
**ARECIBO MAY 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	73.5	86.0	61.0	4.30	102.9	0.00	0.240
2	73.0	84.0	62.0	5.60	134.2	0.20	0.711
3	76.0	89.0	63.0	4.60	109.4	0.00	0.398
4	76.5	88.0	65.0	5.81	139.4	0.01	0.465
5	75.0	87.5	62.5	5.81	139.4	0.01	0.465
6	75.0	87.5	62.5	5.81	139.4	0.00	0.465
7	73.5	87.0	60.0	1.72	41.4	0.00	0.315
8	75.0	89.0	61.0	5.70	136.9	0.04	0.348
9	75.5	88.0	63.0	4.83	115.8	0.16	0.512
10	74.5	89.0	60.0	3.81	91.5	0.02	0.346
11	76.0	91.0	61.0	4.45	106.7	0.10	0.291
12	74.0	87.0	61.0	4.45	106.7	0.10	0.291
13	74.0	87.0	61.0	4.45	106.7	0.10	0.291
14	72.0	83.5	61.0	4.97	119.2	0.01	0.395
15	75.0	87.0	63.0	4.94	118.6	0.00	0.443
16	75.0	87.0	63.0	3.29	79.0	0.05	0.100
17	76.5	89.0	64.0	1.91	45.8	0.34	0.195
18	76.5	89.0	64.0	3.91	93.9	0.15	0.255
19	76.0	88.5	63.0	3.91	93.9	0.14	0.255
20	76.0	88.5	63.0	3.91	93.9	0.14	0.255
21	75.0	88.0	62.0	3.96	95.1	0.27	0.363
22	76.0	90.0	62.0	3.27	78.4	0.02	0.144
23	74.5	87.0	62.0	4.13	99.1	0.13	0.350
24	74.0	86.0	62.0	3.17	76.1	0.00	0.337
25	74.5	87.0	62.0	3.66	87.8	0.16	0.037
26	76.5	87.5	65.5	3.66	87.8	0.16	0.037
27	76.5	87.5	65.5	3.66	87.8	0.16	0.037
28	78.5	88.0	69.0	3.66	87.8	0.00	0.037
29	75.0	87.0	63.0	3.38	81.2	0.04	0.274
30	75.0	88.0	62.0	2.54	61.0	0.00	0.259
31	75.5	87.0	64.0	2.74	65.7	0.12	0.298
MEAN DAILY VALUE	75.1	87.6	62.7	4.06	97.6	0.10	0.296
STANDARD DEVIATION	1.29	1.48	2.96	3.39	25.3	0.090	0.151
EXTREME DAILY VALUE	NA	91.0	60.0	NA	MAX 139.4 MIN	MAX 0.34 MIN	MAX 0.711 MIN
TOTAL FOR THE MONTH	NA	NA	NA	NA	3022.5	3.18	9.176

**Table 3. (Continued)**  
**ARECIBO JUNE 1984**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	77.0	90.5	64.0	2.74	65.7	0.12	0.298
2	77.0	90.5	64.0	2.74	65.7	0.12	0.298
3	77.0	90.5	64.0	2.74	65.7	0.11	0.298
4	79.0	94.0	64.0	2.74	65.7	0.11	0.298
5	82.0	91.0	73.0	0.84	20.0	1.84	0.440
6	76.5	88.0	65.0	0.84	20.0	0.25	0.440
7	73.0	81.0	65.0	1.34	32.1	1.69	0.566
8	75.6	88.0	63.0	2.01	48.3	0.15	0.230
9	75.6	88.0	63.0	2.01	48.3	0.15	0.230
10	75.6	88.0	63.0	2.01	48.3	0.15	0.230
11	75.5	88.0	63.0	3.20	76.9	0.02	0.244
12	76.0	87.0	65.0	3.79	90.9	0.01	0.355
13	75.5	86.0	65.0	2.76	66.2	0.53	0.254
14	75.0	87.0	63.0	3.73	89.4	0.02	0.356
15	75.5	87.0	64.0	3.73	89.4	0.21	0.356
16	75.5	87.0	64.0	3.73	89.4	0.21	0.356
17	75.5	87.0	64.0	3.73	89.4	0.20	0.356
18	75.5	87.0	62.0	0.72	17.3	0.00	0.128
19	74.5	87.0	62.0	1.56	37.2	0.20	0.161
20	74.0	87.0	61.0	3.38	81.2	0.00	0.263
21	75.0	88.0	62.0	2.12	51.0	0.00	0.208
22	74.5	87.0	62.0	2.97	71.3	0.00	0.303
23	75.0	88.0	62.5	2.97	71.3	0.00	0.303
24	75.0	88.0	62.5	2.97	71.3	0.00	0.303
25	76.0	89.0	63.0	2.65	63.5	0.00	0.084
26	76.0	89.5	63.0	2.65	63.5	0.00	0.084
27	76.5	90.0	63.0	4.52	108.5	0.00	0.000
28	75.0	90.0	60.0	2.80	67.2	0.00	0.207
29	75.0	89.0	61.0	4.36	104.6	0.00	0.283
30	74.5	89.5	59.0	4.36	104.6	0.00	0.283
MEAN DAILY VALUE	75.8	91.2	63.3	2.76	66.1	0.20	0.274
STANDARD DEVIATION	1.59	3.98	2.29	1.01	34.5	0.434	0.112
EXTREME DAILY VALUE	NA	94.0	59.0	NA	MAX 108.5 MIN 17.3	MAX 1.84 MIN 0.00	MAX 0.440 MIN 0.00
TOTAL FOR THE MONTH	NA	NA	NA	NA	1983.9	6.21	8.220

**Table 3. (Continued)**  
**ARECIBO JULY 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	74.5	89.5	59.0	4.36	104.6	0.00	0.283
2	74.0	90.0	57.0	2.15	51.5	0.43	0.434
3	74.5	89.5	59.0	2.15	51.5	0.43	0.434
4	74.5	89.5	59.0	2.15	51.5	0.42	0.434
5	75.0	89.0	61.0	0.55	13.1	0.04	0.203
6	74.5	88.0	71.0	3.59	86.1	0.00	0.298
7	76.0	88.5	68.5	3.59	86.1	0.00	0.298
8	76.0	88.5	68.5	3.59	86.1	0.00	0.298
9	77.5	89.0	66.0	2.64	63.3	0.00	0.340
10	75.0	88.0	62.0	2.77	66.5	0.01	0.230
11	75.5	88.0	63.0	2.77	66.5	0.02	0.230
12	76.0	88.0	64.0	4.11	98.7	0.00	0.270
13	76.5	90.0	63.0	3.21	76.9	0.10	0.270
14	76.3	90.0	62.5	3.21	76.9	0.09	0.270
15	76.3	90.0	62.5	3.21	76.9	0.09	0.270
16	76.0	90.0	62.0	3.74	89.7	0.00	0.327
17	75.8	89.0	62.5	3.74	89.7	0.00	0.327
18	75.5	88.0	63.0	2.71	65.1	0.00	0.263
19	75.0	88.0	62.0	2.71	65.1	0.00	0.263
20	74.5	88.0	61.0	2.45	58.9	0.02	0.205
21	75.0	88.0	62.0	2.45	58.9	0.01	0.205
22	75.0	88.0	62.0	2.45	58.9	0.01	0.205
23	75.5	88.0	63.0	3.52	84.4	0.15	0.225
24	77.0	88.0	66.0	6.24	149.9	0.01	0.253
25	78.5	89.0	68.0	6.51	156.1	0.06	0.398
26	78.5	89.0	68.0	3.68	88.2	0.00	0.368
27	75.0	93.5	64.5	2.75	66.0	0.04	0.270
28	75.8	92.3	63.3	2.75	66.0	0.03	0.270
29	75.8	92.3	63.3	2.75	66.0	0.03	0.270
30	76.5	91.0	62.0	2.55	61.1	0.00	0.305
31	78.0	93.0	63.0	3.57	85.9	0.07	0.347
MEAN DAILY VALUE	75.8	89.4	63.3	3.18	76.3	0.07	0.292
STANDARD DEVIATION	1.16	1.55	3.07	3.26	26.6	0.124	0.066
EXTREME DAILY VALUE	NA	93.0	57.0	NA	MAX 156.1 MIN 13.1	MAX 0.43 MIN 0.00	MAX 0.434 MIN 0.205
TOTAL FOR THE MONTH	NA	NA	NA	NA	2366.1	2.11	9.063

**Table 3. (Continued)**  
**ARECIBO AUGUST 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	76.0	90.0	62.0	2.68 64.2	0.62	0.230
2	76.5	89.0	64.0	3.99 95.7	0.00	0.252
3	79.3	89.0	69.5	2.01 48.3	0.14	0.217
4	79.4	86.0	67.3	2.01 48.3	0.14	0.217
5	79.4	90.0	67.3	2.01 48.3	0.13	0.217
6	79.5	94.0	65.0	1.75 42.0	0.00	0.284
7	75.0	89.0	61.0	1.80 43.2	0.00	0.287
8	76.0	91.0	61.0	2.20 52.7	0.00	0.314
9	76.0	90.0	62.0	2.94 70.6	0.00	0.270
10	76.0	90.0	62.0	2.87 68.9	0.01	0.273
11	76.0	90.0	62.0	2.87 68.9	0.00	0.273
12	76.0	90.0	62.0	2.87 68.9	0.00	0.273
13	76.0	90.0	62.0	2.01 48.3	0.01	0.191
14	75.5	90.0	61.0	2.77 66.5	0.01	0.228
15	77.0	91.0	63.0	1.49 35.9	0.38	0.179
16	78.5	92.0	65.0	1.75 42.0	0.39	0.207
17	78.0	91.0	65.0	2.30 55.2	0.03	0.260
18	77.3	91.5	63.0	2.30 55.2	0.03	0.260
19	77.3	91.5	63.0	2.30 55.2	0.03	0.260
20	76.5	92.0	61.0	4.44 106.7	0.00	0.314
21	77.5	90.0	65.0	2.71 65.0	0.53	0.243
22	78.5	91.0	66.0	2.71 65.0	0.53	0.243
23	77.0	91.0	63.0	4.12 98.8	0.00	0.306
24	77.0	90.0	64.0	2.79 66.9	0.11	0.214
25	77.4	90.3	64.5	2.79 66.9	0.11	0.214
26	77.4	90.3	64.5	2.79 66.9	0.11	0.214
27	77.4	90.3	64.5	2.79 66.9	0.11	0.214
28	77.8	90.5	65.0	3.51 84.2	0.00	0.293
29	77.5	92.0	63.0	3.48 83.5	0.02	0.293
30	77.0	89.0	65.0	3.04 73.0	0.00	0.303
31	76.0	89.0	63.0	2.09 50.2	0.04	0.203
MEAN DAILY VALUE	77.2	90.3	63.7	2.65 60.5	0.11	0.250
STANDARD DEVIATION	1.20	1.34	2.02	0.070 17.1	0.176	0.380
EXTREME DAILY VALUE	NA	94.0	61.0	NA MAX 106.7 MIN 35.9	MAX 0.62 MIN 0.00	MAX 0.314 MIN 0.179
TOTAL FOR THE MONTH	NA	NA	NA	NA 1876.6	3.48	7.743

**Table 3. (Continued)**  
**ARECIBO SEPTEMBER 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	79.3	89.5	69.0	2.09	50.2	0.03	0.203
2	79.3	89.5	69.0	2.09	50.2	0.03	0.203
3	79.3	89.5	69.0	2.09	50.2	0.03	0.203
4	79.5	90.0	69.0	2.21	53.1	0.23	0.203
5	79.8	91.0	69.5	2.21	53.1	0.22	0.203
6	79.8	91.0	69.5	2.21	53.1	0.22	0.203
7	81.0	92.0	70.0	2.88	69.1	0.00	0.283
8	80.3	91.0	69.5	2.88	69.1	0.00	0.283
9	80.3	91.0	69.5	2.88	69.1	0.00	0.283
10	79.5	90.0	69.0	2.31	55.4	0.01	0.145
11	79.8	90.0	67.0	1.30	31.2	0.66	0.184
12	79.8	90.0	68.5	1.30	31.2	0.65	0.184
13	80.0	90.0	70.0	1.33	32.0	0.11	0.103
14	79.5	88.0	71.0	1.70	40.9	0.20	0.069
15	79.8	89.0	70.5	1.70	40.9	0.19	0.069
16	79.8	89.0	70.5	1.70	40.9	0.19	0.069
17	80.0	90.0	70.0	0.69	16.6	1.37	1.430
18	79.3	89.0	69.5	0.69	16.6	1.36	1.430
19	78.5	88.0	69.0	0.80	19.2	0.21	0.163
20	78.5	87.0	70.0	1.36	32.6	0.00	0.153
21	80.3	89.5	71.0	0.86	20.7	0.20	0.154
22	78.8	89.5	68.0	0.86	20.7	0.20	0.154
23	78.8	89.5	68.0	0.86	20.7	0.10	0.154
24	77.3	89.5	65.0	0.74	17.7	0.00	0.119
25	78.8	91.5	69.0	2.03	48.7	0.00	0.223
26	78.8	90.5	68.5	2.03	48.7	0.00	0.223
27	78.8	90.5	68.5	2.03	48.7	0.00	0.223
28	80.3	88.5	68.0	0.92	22.2	0.01	0.243
29	78.4	81.3	65.0	0.92	22.2	0.00	0.243
30	78.4	81.3	65.0	0.92	22.2	0.00	0.243
MEAN DAILY VALUE	79.4	89.4	68.9	1.62	38.9	0.19	0.181
STANDARD DEVIATION	0.761	2.37	1.56	0.688	16.5	0.352	0.328
EXTREME DAILY VALUE	NA	92.0	65.0	NA	MAX 69.1 MIN 16.6	MAX 1.37 MIN 0.00	MAX 1.43 MIN 0.069
TOTAL FOR THE MONTH	NA	NA	NA	NA	1167.0	5.76	5.417



**Table 3. (Continued)**  
**ARECIBO      OCTOBER 1984**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	78.4	89.3	65.5	0.92	22.2	0.00	0.243
2	75.5	88.0	63.0	0.86	20.6	0.57	0.248
3	76.5	90.0	63.0	0.70	16.7	0.49	0.456
4	76.3	89.0	63.5	0.70	16.7	0.49	0.456
5	76.3	89.0	63.5	0.70	16.7	0.48	0.456
6	76.3	89.0	63.5	0.70	16.7	0.48	0.456
7	76.3	89.0	63.5	0.70	16.7	0.48	0.456
8	76.3	89.0	63.5	0.70	16.7	0.48	0.456
9	76.0	88.0	64.0	0.26	6.3	0.02	0.149
10	75.0	86.0	64.0	1.09	26.3	0.09	0.157
11	74.5	87.0	62.0	1.09	26.3	0.09	0.157
12	75.0	88.0	62.0	1.09	26.3	0.08	0.157
13	75.0	88.0	62.0	1.09	26.3	0.08	0.157
14	75.0	88.0	62.0	1.09	26.3	0.08	0.157
15	75.5	89.0	62.0	1.09	26.3	0.08	0.157
16	74.5	86.0	63.0	0.50	12.0	0.01	0.663
17	74.5	87.0	62.0	1.35	32.4	0.59	0.133
18	74.5	87.0	62.0	1.35	32.4	0.59	0.133
19	73.5	86.0	61.0	1.35	32.4	0.59	0.133
20	74.0	86.5	61.5	1.35	32.4	0.59	0.133
21	74.0	86.5	61.5	1.35	32.4	0.59	0.133
22	74.5	87.0	62.0	1.70	40.9	0.08	0.169
23	74.0	85.0	63.0	0.78	18.7	0.00	0.141
24	72.5	84.0	61.0	0.78	18.7	0.00	0.141
25	75.0	88.0	62.0	0.78	18.7	0.00	0.141
26	76.5	89.0	64.0	1.73	41.6	0.50	0.179
27	75.8	87.5	64.0	1.73	41.6	0.49	0.179
28	75.8	87.5	64.0	1.73	41.6	0.49	0.179
29	75.0	86.0	64.0	0.72	17.2	0.03	0.201
30	74.5	85.5	63.5	0.72	17.2	0.03	0.201
31	74.0	85.0	63.0	1.47	35.4	0.02	0.052
MEAN DAILY VALUE	75.2	87.4	62.8	0.95	27.9	0.28	0.233
STANDARD DEVIATION	1.14	1.47	1.06	0.395	9.75	0.246	0.145
EXTREME DAILY VALUE	NA	90.0	61.0	NA	MAX 40.9 MIN 6.3	MAX 0.59 MIN 0.00	MAX 0.663 MIN 0.052
TOTAL FOR THE MONTH	NA	NA	NA	NA	864.9	8.59	7.223

**Table 3. (Continued)**  
**ARECIBO NOVEMBER 1984**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	73.0	85.0	61.0	1.17	28.0	0.01	0.121
2	74.0	85.0	63.0	0.48	11.6	0.52	0.060
3	74.3	85.5	63.0	0.48	11.6	0.51	0.060
4	74.3	85.5	63.0	0.48	11.6	0.51	0.060
5	74.5	86.0	63.0	1.31	31.5	0.41	0.065
6	75.0	85.5	64.5	1.31	31.5	0.41	0.065
7	75.0	85.5	64.5	1.31	31.5	0.40	0.065
8	75.5	85.0	66.0	2.86	68.7	0.21	0.249
9	75.0	86.0	68.0	1.35	32.5	0.31	0.397
10	75.3	85.5	67.0	1.35	32.5	0.31	0.397
11	75.3	85.5	67.0	1.35	32.5	0.30	0.397
12	75.3	85.5	67.0	1.35	32.5	0.30	0.397
13	75.5	85.0	66.0	1.34	32.3	0.41	0.049
14	74.8	84.0	65.0	1.34	32.3	0.40	0.049
15	74.0	83.0	65.0	1.34	32.3	0.01	0.325
16	74.5	85.0	64.0	1.22	29.2	0.19	0.126
17	74.7	85.3	64.0	1.22	29.2	0.18	0.126
18	74.7	85.3	64.0	1.22	29.2	0.18	0.126
19	74.8	85.5	64.0	1.69	40.6	0.01	0.259
20	73.5	84.0	63.0	1.69	40.6	0.00	0.259
21	75.0	85.0	65.0	1.27	30.6	0.01	0.128
22	74.5	84.5	64.5	1.27	30.6	0.01	0.128
23	74.0	84.0	64.0	0.25	6.0	0.02	0.103
24	75.3	87.0	63.5	0.25	6.0	0.01	0.103
25	75.3	87.0	63.5	0.25	6.0	0.01	0.103
26	76.5	90.0	63.0	1.26	30.4	0.18	0.082
27	76.5	85.0	68.0	0.76	18.4	0.14	0.167
28	73.5	82.0	65.0	0.70	16.7	0.00	0.063
29	72.5	82.5	63.0	1.09	24.2	0.07	0.181
30	72.5	82.0	63.0	1.44	34.5	0.17	0.138
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MEAN DAILY VALUE	74.6	85.0	64.5	1.15	27.5	0.19	0.162
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STANDARD DEVIATION	0.967	1.51	1.66	0.520	12.5	0.178	0.115
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EXTREME DAILY VALUE	NA	90.0	61.0	NA	MAX 68.7 MIN 6.0	MAX 0.52 MIN 0.00	MAX 0.397 MIN 0.049
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TOTAL FOR THE MONTH	NA	NA	NA	NA	825.0	5.84	4.848

**Table 3. (Continued)**  
**ARECIBO DECEMBER 1984**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	73.0	83.0	63.0	1.44	34.5	0.17	0.138
2	73.0	83.0	63.0	1.44	34.5	0.16	0.138
3	73.5	84.0	63.0	1.99	47.7	0.11	0.174
4	73.0	84.0	64.0	1.99	47.7	0.11	0.174
5	74.5	84.0	65.0	1.99	47.7	0.11	0.174
6	75.5	84.0	67.0	1.28	30.6	0.35	0.149
7	74.5	83.5	65.5	1.28	30.6	0.35	0.149
8	74.5	83.5	65.5	1.28	30.6	0.35	0.149
9	74.5	83.5	65.5	1.28	30.6	0.35	0.149
10	73.5	83.0	64.0	1.28	30.6	0.35	0.149
11	74.0	83.0	65.0	0.04	10.0	0.02	0.189
12	74.5	84.0	65.0	0.39	9.5	0.01	0.107
13	73.0	83.0	63.0	2.84	68.1	0.14	0.183
14	72.5	82.0	63.0	2.84	68.1	0.14	0.183
15	73.3	82.0	64.5	2.84	68.1	0.13	0.183
16	73.3	82.0	64.5	2.84	68.1	0.13	0.183
17	74.0	82.0	66.0	2.84	68.1	0.13	0.183
18	71.5	81.0	62.0	1.82	43.7	0.22	0.126
19	70.5	79.5	61.5	1.82	43.7	0.22	0.126
20	69.5	78.0	61.0	1.82	43.7	0.22	0.126
21	70.0	81.0	59.0	1.82	43.7	0.22	0.126
22	70.5	82.0	59.0	1.82	43.7	0.22	0.126
23	70.5	82.0	59.0	1.82	43.7	0.22	0.126
24	70.5	82.0	59.0	1.82	43.7	0.21	0.126
25	70.5	82.0	59.0	1.82	43.7	0.21	0.126
26	71.0	83.0	59.0	1.46	35.0	0.49	0.106
27	71.9	82.8	61.0	1.46	35.0	0.49	0.106
28	71.9	82.8	61.0	1.46	35.0	0.48	0.106
29	71.9	82.8	61.0	1.46	35.0	0.48	0.106
30	71.9	82.8	61.0	1.46	35.0	0.48	0.106
31	72.8	82.5	63.0	0.24	5.8	0.33	0.122
MEAN DAILY VALUE	72.5	82.5	62.6	1.68	40.5	0.25	0.142
STANDARD DEVIATION	1.58	1.29	2.39	0.690	15.9	0.138	0.028
EXTREME DAILY VALUE	NA	84.0	59.0	NA	MAX 68.1 MIN 5.8	MAX 0.49 MIN 0.01	MAX 0.189 MIN 0.106
TOTAL FOR THE MONTH	NA	NA	NA	NA	1255.5	7.60	4.414

**Table 3. (Continued)**  
**ARECIBO JANUARY 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	73.9	82.8	65.0	0.24 5.8	0.33	0.122
2	75.0	83.0	67.0	0.24 5.8	0.32	0.122
3	71.5	80.0	63.0	1.92 46.0	0.02	0.135
4	73.0	81.0	65.0	1.41 34.0	0.01	0.120
5	72.3	82.0	62.5	1.41 34.0	0.01	0.120
6	72.3	82.0	62.5	1.41 34.0	0.01	0.120
7	71.5	83.0	60.0	1.29 30.9	0.00	0.181
8	70.5	82.0	59.0	1.33 31.8	0.15	0.140
9	70.0	81.0	59.0	1.33 31.8	0.15	0.140
10	70.5	81.0	60.0	0.81 19.4	0.14	0.146
11	72.0	81.5	62.5	0.81 19.4	0.14	0.146
12	72.0	81.5	62.5	0.81 19.4	0.14	0.146
13	72.0	81.5	62.5	0.81 19.4	0.14	0.146
14	73.5	82.0	65.0	0.66 15.9	0.01	0.092
15	70.0	80.0	60.0	0.42 10.3	0.00	0.234
16	79.5	80.0	59.0	0.05 1.1	0.00	0.234
17	79.5	80.0	59.0	0.04 1.0	0.00	0.093
18	71.0	82.0	60.0	0.21 5.0	0.00	0.124
19	70.5	84.0	57.0	0.21 5.0	0.00	0.124
20	70.5	84.0	57.0	0.21 5.0	0.00	0.124
21	70.5	84.0	57.0	0.21 5.0	0.00	0.124
22	72.0	84.0	60.0	0.76 18.3	0.01	0.163
23	71.0	83.0	59.0	0.76 18.3	0.00	0.163
24	70.0	82.0	58.0	0.37 8.9	0.00	0.129
25	70.0	82.0	58.0	0.37 8.9	0.00	0.129
26	70.3	85.0	58.5	0.37 8.9	0.00	0.129
27	70.3	85.0	58.5	0.37 8.9	0.00	0.129
28	70.5	88.0	59.0	0.86 20.5	0.26	0.122
29	71.0	84.0	58.0	0.86 20.5	0.00	0.122
30	70.5	83.0	58.0	0.86 20.5	0.00	0.122
31	71.5	83.0	60.0	0.86 20.5	0.00	0.122
MEAN DAILY VALUE	71.9	82.5	60.4	0.72 17.2	0.06	0.138
STANDARD DEVIATION	2.34	1.72	2.62	0.477 11.4	0.097	0.031
EXTREME DAILY VALUE	NA	88.0	57.0	NA MAX 46.0 MIN 1.0	MAX 0.33 MIN 0.00	MAX 0.234 MIN 0.093
TOTAL FOR THE MONTH	NA	NA	NA	NA 534.2	1.75	4.263

**Table 3. (Continued)**  
**ARECIBO FEBRUARY 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	71.0	81.0	61.0	0.97	23.2	0.01	0.143
2	73.5	82.0	63.0	0.97	23.2	0.01	0.143
3	73.5	82.0	63.0	0.97	23.2	0.01	0.143
4	73.5	83.0	65.0	0.97	23.2	0.01	0.143
5	73.5	83.0	63.0	0.97	23.2	0.01	0.143
6	73.5	82.0	57.0	0.97	23.2	0.01	0.143
7	73.5	86.0	57.0	0.97	23.2	0.01	0.143
8	76.0	85.0	57.0	1.07	25.5	0.06	0.140
9	73.3	85.0	61.0	1.07	25.5	0.06	0.140
10	73.3	85.0	61.0	1.07	25.5	0.06	0.140
11	73.3	85.0	61.0	1.07	25.5	0.06	0.140
12	73.3	85.0	65.0	1.07	25.5	0.05	0.140
13	73.3	82.0	61.0	1.07	25.5	0.05	0.140
14	73.3	83.0	58.0	1.16	27.8	0.04	0.134
15	70.5	82.0	58.0	1.16	27.8	0.04	0.134
16	70.8	85.5	58.5	1.16	27.8	0.04	0.134
17	70.8	85.5	58.5	1.16	27.8	0.04	0.134
18	70.8	85.5	58.5	1.16	27.8	0.03	0.134
19	70.8	89.0	59.0	1.16	27.8	0.03	0.134
20	71.0	83.0	59.0	1.63	39.0	0.01	0.175
21	73.0	86.0	60.0	1.56	37.4	0.26	0.120
22	72.5	86.0	60.0	1.56	37.4	0.26	0.120
23	72.5	84.5	60.5	1.56	37.4	0.26	0.120
24	72.5	84.5	60.5	1.56	37.4	0.25	0.120
25	72.5	83.0	61.0	1.56	37.4	0.25	0.120
26	72.5	82.0	60.0	1.56	37.4	0.25	0.120
27	72.0	83.0	61.0	1.48	35.5	0.05	0.154
28	73.0	83.0	63.0	1.48	35.5	0.04	0.154
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MEAN DAILY VALUE	72.6	84.0	60.4	1.22	29.2	0.08	0.137
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STANDARD DEVIATION	1.23	1.79	2.18	0.238	5.75	0.093	0.012
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EXTREME DAILY VALUE	NA	89.0	57.0	NA	MAX 39.0 MIN 23.2	MAX 0.26 MIN 0.01	MAX 0.154 MIN 0.120
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TOTAL FOR THE MONTH	NA	NA	NA	NA	816.6	2.26	3.848
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**Table 3. (Continued)**  
**ARECIBO MARCH 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	72.0	82.0	62.0	1.48 35.5	0.04	0.154
2	72.3	83.0	61.5	1.48 35.5	0.04	0.154
3	72.3	83.0	61.5	1.48 35.5	0.04	0.154
4	72.5	84.0	61.0	1.48 35.5	0.04	0.154
5	72.5	83.0	62.0	1.48 35.5	0.04	0.154
6	69.5	80.0	59.0	1.33 32.0	0.51	0.094
7	71.0	83.0	59.0	1.33 32.0	0.50	0.094
8	73.0	82.0	64.0	1.57 37.7	0.09	0.159
9	72.5	82.5	62.5	1.57 37.7	0.09	0.159
10	72.5	82.5	62.5	1.57 37.7	0.09	0.159
11	72.0	83.0	61.0	1.57 37.7	0.08	0.159
12	72.5	84.0	61.0	1.64 39.5	0.01	0.188
13	73.0	84.0	62.0	1.64 39.5	0.01	0.188
14	72.5	84.0	61.0	1.64 39.5	0.01	0.188
15	70.5	83.0	58.0	1.64 39.5	0.01	0.188
16	71.5	85.0	58.0	1.64 39.5	0.00	0.188
17	71.5	85.0	58.0	1.64 39.5	0.00	0.188
18	72.5	87.0	58.0	0.58 14.1	0.96	0.070
19	71.5	84.0	59.0	0.58 14.1	0.96	0.070
20	73.5	86.0	61.0	0.58 14.1	0.95	0.070
21	73.5	86.0	61.0	2.22 53.1	0.00	0.215
22	73.0	85.5	60.5	2.22 53.1	0.00	0.215
23	73.0	85.5	60.5	2.22 53.1	0.00	0.215
24	73.0	85.5	60.5	2.22 53.1	0.00	0.215
25	72.5	85.0	60.0	2.22 53.1	0.00	0.215
26	73.0	84.0	62.0	4.56 109.4	0.80	0.376
27	74.5	84.0	65.0	4.56 109.4	0.79	0.376
28	72.5	80.0	65.0	4.56 109.4	0.79	0.376
29	73.5	82.0	65.0	2.61 62.7	0.19	0.212
30	72.5	82.0	63.0	2.61 62.7	0.19	0.212
31	72.5	82.0	63.0	2.61 62.7	0.19	0.212
MEAN DAILY VALUE	69.5	84.0	60.6	1.95 46.1	0.24	0.240
STANDARD DEVIATION	3.05	1.70	2.08	0.996 23.9	0.337	0.093
EXTREME DAILY VALUE	NA	87.0	58.0	NA MAX 109.4 MIN 32.0	MAX 0.96 MIN 0.00	MAX 0.376 MIN 0.07
TOTAL FOR THE MONTH	NA	NA	NA	NA 1453.4	7.42	7.460

**Table 3. (Continued)**  
**ARECIBO APRIL 1985**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	71.5	82.8	61.0	2.15	51.6	0.00	0.239
2	70.5	81.0	60.0	2.15	51.6	0.00	0.239
3	71.0	83.0	59.0	2.15	51.6	0.00	0.239
4	71.8	83.5	60.0	3.30	79.2	0.06	0.259
5	71.8	83.5	60.0	3.30	79.2	0.06	0.259
6	71.8	83.5	60.0	3.30	79.2	0.06	0.259
7	71.8	83.5	60.0	3.30	79.2	0.06	0.259
8	72.5	84.0	61.0	3.30	79.2	0.06	0.259
9	74.0	85.0	63.0	3.30	79.2	0.05	0.259
10	74.0	86.0	62.0	3.03	72.6	0.13	0.240
11	73.0	84.0	62.0	3.03	72.6	0.13	0.240
12	74.0	85.0	63.0	3.03	72.6	0.13	0.240
13	73.3	85.5	62.0	3.03	72.6	0.13	0.240
14	73.3	85.5	62.0	3.03	72.6	0.13	0.240
15	72.5	86.0	61.0	3.03	72.6	0.13	0.240
16	73.5	86.5	61.5	3.03	72.6	0.13	0.240
17	74.5	87.0	62.0	3.03	72.6	0.13	0.240
18	76.5	88.0	65.0	3.03	72.6	0.13	0.240
19	75.5	86.0	65.0	3.03	72.6	0.13	0.240
20	75.0	86.5	63.5	3.03	72.6	0.13	0.240
21	75.0	86.5	63.5	3.03	72.6	0.13	0.240
22	74.5	87.0	62.0	3.03	72.6	0.10	0.240
23	73.5	84.0	63.0	3.03	72.6	0.00	0.240
24	75.0	85.0	65.0	2.02	48.4	0.00	0.254
25	74.5	85.0	64.0	2.02	48.4	0.00	0.254
26	74.5	85.0	64.0	2.02	48.4	0.00	0.254
27	74.5	85.0	64.0	2.02	48.4	0.00	0.254
28	74.5	85.0	64.0	2.02	48.4	0.00	0.254
29	74.5	85.0	64.0	2.02	48.4	0.00	0.254
30	74.5	85.0	64.0	2.02	48.4	0.00	0.254
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MEAN DAILY VALUE	76.1	87.9	62.4	2.78	66.2	0.07	0.254
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STANDARD DEVIATION	2.95	3.30	1.70	0.508	12.2	0.057	0.011
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EXTREME DAILY VALUE	NA	88.0	59.0	NA	MAX 79.2 MIN 48.4	MAX 0.13 MIN 0.00	MAX 0.259 MIN 0.239
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TOTAL FOR THE MONTH	NA	NA	NA	NA	1985.2	1.95	7.620

**Table 3. (Continued)**  
**ARECIBO MAY 1985**

DAY	MEAN (°F)	TEMPERATURE MAX (°F)	MIN (°F)	WIND VELOCITY (MPH) (MPD)	DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
1	74.0	85.0	63.0	2.02 48.4	0.00	0.254
2	75.0	86.0	64.0	2.23 53.4	0.04	0.213
3	75.5	87.0	64.0	2.23 53.4	0.04	0.213
4	75.0	88.0	64.0	2.23 53.4	0.04	0.213
5	75.0	88.0	64.0	2.23 53.4	0.04	0.213
6	76.5	89.0	64.0	2.23 53.4	0.04	0.213
7	76.0	88.0	64.0	2.81 67.4	0.02	0.231
8	75.0	85.0	65.0	2.81 67.4	0.02	0.231
9	75.5	87.0	64.0	2.81 67.4	0.01	0.231
10	75.0	86.0	64.0	3.49 83.8	0.03	0.326
11	74.3	86.0	62.5	3.49 83.8	0.03	0.326
12	74.3	86.0	62.5	3.49 83.8	0.02	0.326
13	73.5	86.0	61.0	3.49 83.8	0.02	0.326
14	76.5	87.0	66.0	1.89 45.4	0.10	0.162
15	76.5	89.0	64.0	1.89 45.4	0.10	0.162
16	72.5	80.0	65.0	1.89 45.4	0.10	0.162
17	77.5	88.0	67.0	1.90 45.6	0.40	0.134
18	77.3	88.0	66.5	1.90 45.6	0.40	0.134
19	77.3	88.0	66.5	1.90 45.6	0.40	0.134
20	77.0	88.0	66.0	3.47 83.4	0.00	0.406
21	77.0	87.0	67.0	3.47 83.4	0.00	0.406
22	75.0	86.0	64.0	3.47 83.4	0.00	0.406
23	75.0	87.0	63.0	3.47 83.4	0.00	0.406
24	76.0	87.0	65.0	1.82 43.8	0.00	0.286
25	78.3	91.0	65.5	1.82 43.8	0.00	0.286
26	78.3	91.0	65.5	1.82 43.8	0.00	0.286
27	78.3	91.0	65.5	1.82 43.8	0.00	0.286
28	80.5	95.5	66.0	1.82 43.8	0.00	0.286
29	81.0	95.0	67.0	1.82 43.8	0.00	0.286
30	81.0	95.0	67.0	3.60 86.4	0.00	0.355
31	80.3	93.0	66.5	3.60 86.4	0.00	0.355
MEAN DAILY VALUE	79.0	91.1	67.0	2.63 61.1	0.06	0.275
STANDARD DEVIATION	3.33	4.34	2.67	0.721 17.2	0.115	0.083
EXTREME DAILY VALUE	NA	95.5	61.0	NA MAX 86.4 MIN 43.8	MAX 0.40 MIN 0.00	MAX 0.406 MIN 0.134
TOTAL FOR THE MONTH	NA	NA	NA	NA 1895.0	1.85	8.525



**Table 3. (Continued)**  
**ARECIBO JUNE 1985**

DAY	TEMPERATURE			WIND		DAILY RAINFALL (IN/DAY)	PAN EVAPORATION (IN/DAY)
	MEAN (°F)	MAX (°F)	MIN (°F)	VELOCITY (MPH)	(MPD)		
1	80.3	94.0	66.5	3.60	86.4	0.00	0.355
2	80.3	94.0	66.5	3.60	86.4	0.00	0.355
3	79.5	93.0	66.0	2.03	48.7	0.01	0.270
4	78.5	89.0	64.0	2.03	48.7	0.01	0.270
5	77.0	89.0	65.0	2.03	48.7	0.01	0.270
6	77.5	90.0	65.0	2.03	48.7	0.01	0.270
7	78.5	90.0	67.0	2.03	48.7	0.01	0.270
8	78.0	90.5	65.5	2.03	48.7	0.01	0.270
9	78.5	90.5	65.5	2.03	48.7	0.01	0.270
10	77.5	91.0	64.0	3.86	92.6	0.01	0.328
11	78.5	91.0	66.0	3.86	92.6	0.01	0.328
12	79.5	90.0	69.0	3.86	92.6	0.00	0.328
13	79.5	90.0	69.0	3.86	92.6	0.00	0.328
14	79.0	91.0	67.0	3.86	92.6	0.00	0.328
15	78.3	90.5	66.0	3.86	92.6	0.00	0.328
16	78.3	90.5	66.0	3.86	92.6	0.00	0.328
17	77.5	90.0	65.0	3.86	92.6	0.00	0.328
18	78.5	90.0	67.0	3.86	92.6	0.00	0.328
19	78.0	89.0	67.0	3.11	74.6	0.01	0.310
20	78.0	90.0	66.0	3.11	74.6	0.00	0.310
21	78.0	90.0	66.0	3.11	74.6	0.00	0.310
22	78.8	91.0	66.5	3.11	74.6	0.00	0.310
23	78.8	91.0	66.5	3.11	74.6	0.00	0.310
24	79.0	92.0	66.0	3.11	74.6	0.00	0.310
25	78.5	90.0	67.0	3.11	74.6	0.00	0.310
26	78.5	91.0	66.0	3.11	74.6	0.00	0.310
27	76.5	90.0	63.0	3.71	89.0	0.01	0.289
28	76.0	96.0	66.0	3.71	89.0	0.01	0.289
29	76.0	96.0	66.5	3.71	89.0	0.01	0.289
30	76.0	97.0	66.5	3.71	89.0	0.01	0.289
MEAN DAILY VALUE	78.2	91.3	66.1	3.24	76.7	0.00	0.308
STANDARD DEVIATION	1.11	2.09	1.22	0.707	16.9	0.007	0.026
EXTREME DAILY VALUE	NA	97.0	63.0	NA	MAX 92.6 MIN 48.7	MAX 0.01 MIN 0.00	MAX 0.355 MIN 0.270
TOTAL FOR THE MONTH	NA	NA	NA	NA	2299.9	0.14	9.240

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