

OBSERVATIONS FROM REMOTE WEATHER STATIONS
IN SAN FRANCISCO BAY, CALIFORNIA 1979-1981

Compiled and edited by Jeffrey W. Gartner
and Ralph T. Cheng

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Observations from Remote Weather Stations
in San Francisco Bay, California, 1979-1981

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ABSTRACT

Weather data collected at three remote weather stations in the San Francisco Bay estuarine system between November 1979 and September 1981 are compiled in this report. Measurements include average and maximum wind speed, wind direction, air temperature, atmospheric pressure, and irradiance. Data are presented in time-series plots with each graph covering one calendar month. Daily averages of all measurements are tabulated.

INTRODUCTION

The U.S. Geological Survey established three remote weather stations within the San Francisco Bay estuarine system as part of a continuing interdisciplinary study to better understand the Bay ecosystem. The weather stations were located in South San Francisco Bay, San Pablo Bay, and Suisun Bay and were operated between November 1979 and September 1981 (see table 1 for operational periods and location of each station). Figure 1 shows a map of the study region and the weather station locations. Average wind speed, maximum wind speed, wind direction, air temperature, atmospheric pressure, visible irradiance, and full-range irradiance were recorded on magnetic tape at 20-minute intervals using Aanderaa¹ recording weather stations.

The data collected at the weather stations have been compiled in monthly files and are presented in two forms in this report. Time-series plots based on three-hour averages and tables of daily average values are contained in Appendix I and II respectively. Original data sets are kept on computer retrievable media and can be further analyzed for specific applications. A brief summary of instrument characteristics and data processing procedures is given below.

¹Use of brand or trade names in this report is for identification purposes only and does not constitute endorsement by the U. S. Geological Survey.

Table 1. Summary of operational periods of weather stations

STATION NUMBER	LATITUDE	LONGITUDE	UTM N	UTM E	POSITION	DATA PERIOD
W3	37°41'44"N	122°17'46"W	172.0N	562.0E	South Bay	11/79-12/79 3/80-6/80
W3A	37°41'00"N	122°09'35"W	170.8N	574.1E	South Bay	6/80-7/81
W4	38°02'40"N	122°25'54"W	210.8N	549.9E	San Pablo Bay	12/79-2/80 3/80-10/80 11/80-12/80
W5	38°04'10"N	122°00'40"W	213.8N	586.7E	Suisun Bay	11/79-12/80 2/81-9/81

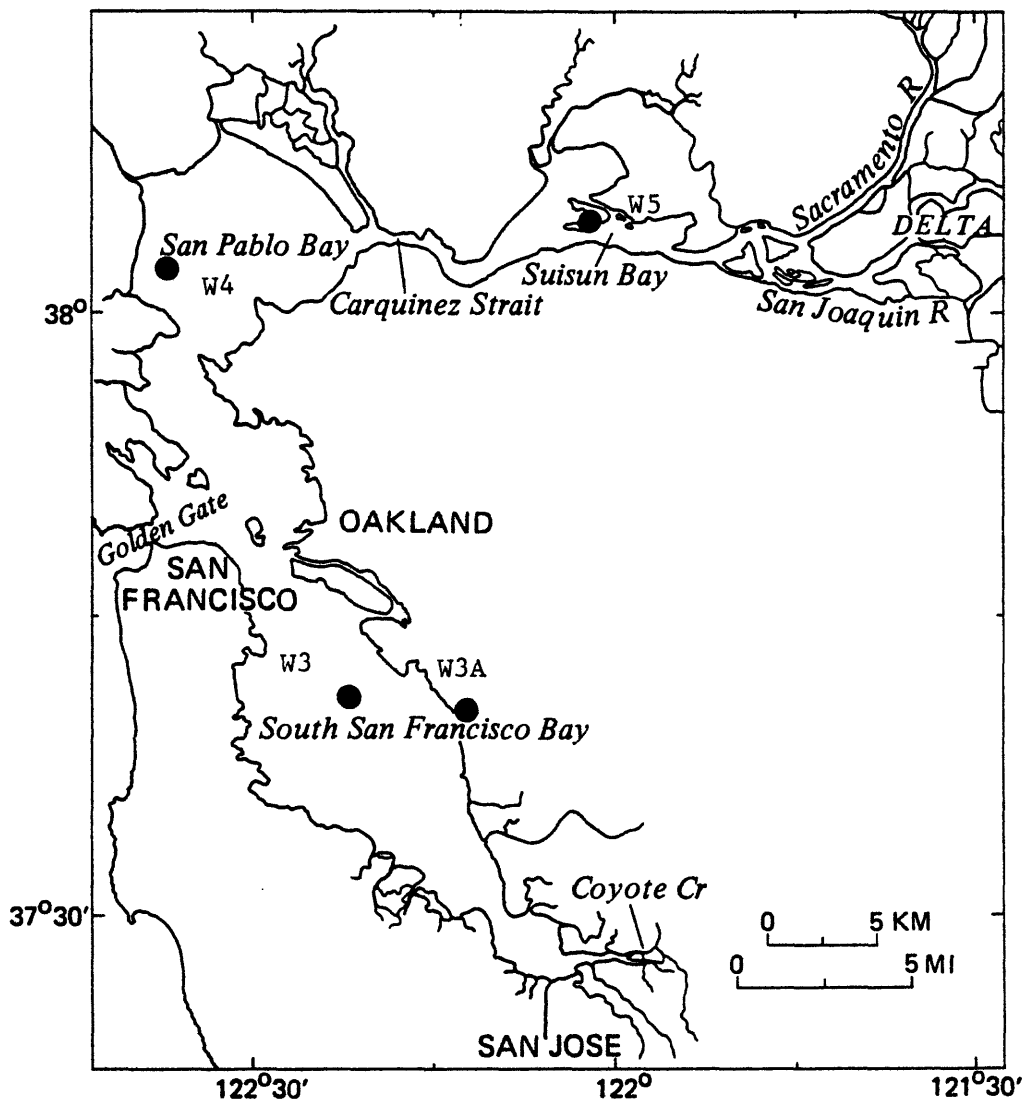


Figure 1. Map of study region and locations of remote weather stations, 1979-1981.

AANDERAA WEATHER STATION

The Aanderaa weather station is a self-contained recording weather station that is designed for automatic operation at remote sites. Each station deployed by the U.S. Geological Survey (fig. 2) contained a 12-channel datalogger and a program wiring board that were housed in the base cabinet. Various sensor components were mounted on arms of an aluminum mast which was mounted on top of the base cabinet. Wind speed and direction sensors were mounted at 10 m above mean sea level. A full spectrum solarimeter ($0.3 \mu\text{m} < \text{wave length} < 2.5 \mu\text{m}$), a visible light sensor ($0.4 \mu\text{m} < \text{wave length} < 0.7 \mu\text{m}$), and an air temperature sensor were mounted on the lower arms of the mast. The temperature sensor was shielded from direct sunlight by a radiation screen and the barometric pressure gauge was mounted in the base cabinet.

All sensors transmit analog signals to the datalogger via the programming board. The Aanderaa 12-channel datalogger digitizes the analog signals to 10-bit binary words and stores them on 0.64 cm (0.25 in) reel to reel magnetic tape. The datalogger is powered by an internal 9-volt battery, and additional batteries are provided via connector ports on the programming board to insure proper operation of the datalogger for longer operating periods. The first channel of the datalogger is reserved for the reference number of the datalogger, the second for the sequential data block number (not required), and the remaining ten channels are available for data input. The dataloggers are activated by internal quartz-crystal clocks at selectable sampling intervals (20 minutes in this case). Accuracy of the clock is ± 2 sec/day.

The wind speed sensor is a three-cup anemometer that measures mean and maximum wind speed during the sampling interval with an accuracy of ± 2

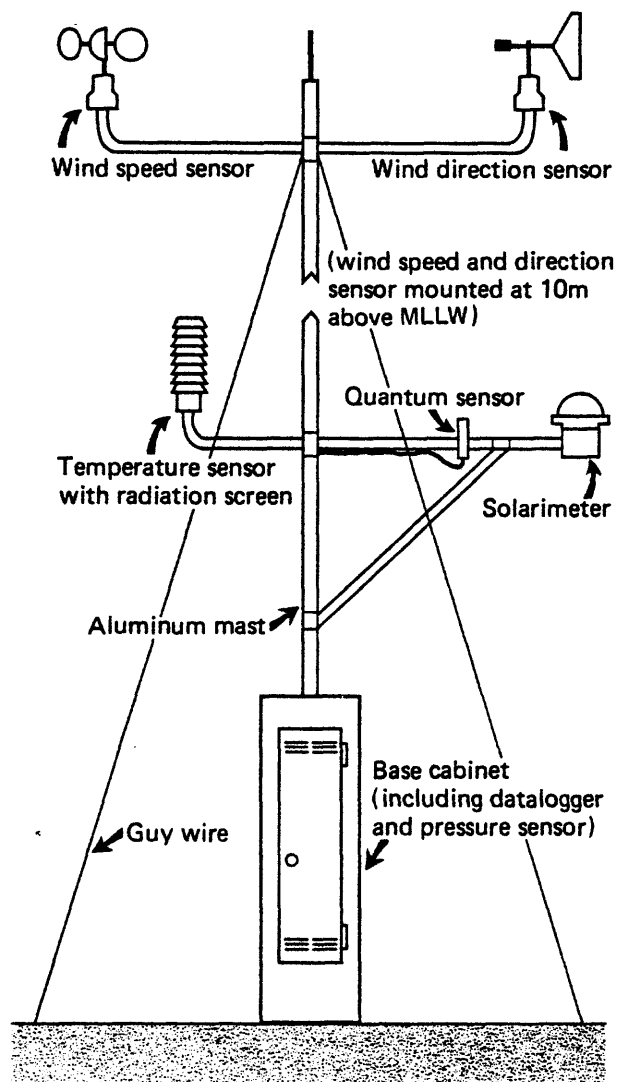


Figure 2. Aanderaa weather station assembly.

percent of full scale (76 m/sec). The direction sensor consists of a vane that is coupled to a compass with a potentiometer ring in the sensor housing. At the time of recording, the compass is clamped and the direction reading is recorded as the potentiometer setting. Accuracy of the direction sensor is better than $\pm 5^\circ$.

The temperature sensor is a platinum resistor of 500 ohms and has an accuracy of $\pm 0.25^\circ\text{C}$. The barometric pressure sensor is an aneroid barometer that has a resolution of 0.34 mbar and an accuracy of ± 0.6 percent of full scale (720 to 1070 mbar). A Kipp and Zonen CM-5 solarimeter that is capable of sensing radiation in the range of 0.3 to 2.5 μm sends its signal to a millivolt integrator that produces a time integrated signal in the range of 0-5 volts. At the same time as the output from the millivolt integrator is recorded by the datalogger, the integrator is reset. The irradiance sensor for the visible light range operates in the same manner. The LI-COR LI-192S quantum sensor that is capable of detecting radiation of wavelengths between 0.4 and 0.7 μm is used with a second millivolt integrator. Manufacturer supplied error values for the LI-192S are ± 7.6 percent (typical total error) and ± 16 percent (worst case total error).

DATA PROCESSING

In order to process the weather station data, it was necessary to transcribe the original data tape (raw data) to computer-retrievable format. Because there were no record or block marks on the original data tape, the tape transcription had to be done in a continuous operation. This was accomplished by playing the data tape on an audio reel-to-reel tape recorder and sending the output signal to a micro-computer system via a parallel interface circuit supplied by Aanderaa. The computer formatted the data words and wrote the data into the first-in-first-out (FIFO) buffer memory of a 9-track computer tape drive before finally writing the information on a 9-track computer tape. The buffer memory of the computer tape drive was essential in accomplishing the uninterrupted tape translation. Once the data were available in a computer-retrievable format, editing, averaging, and plotting of the time series were carried out in a routine manner. This included verification of recording timing and an inspection for erroneous readings. Data records were then combined and edited so that the data for each station were kept in monthly files. Known bad readings and data gaps were replaced by dummy readings of 999 for easy identification in subsequent steps. Finally, the data were converted to appropriate engineering units based on the calibration constants for each sensor furnished by the manufacturer.

Throughout the study period, all data loggers were set at a sampling rate of 3 recordings/hour. Thus, the time-series data sets included time averaged wind speed and irradiance, instantaneous readings of wind direction, air temperature, and barometric pressure, and the maximum wind speed during the sampling period. The daily averages of these values were

computed (wind speed and direction were vector averaged, other parameters were arithmetically averaged) and are tabulated in Appendix I. Time-series plots of data based on three-hour averages are given in Appendix II. Time is referenced to Julian day and Pacific Standard Time.

As previously noted, efforts have been made to eliminate bad data from the time-series records. Such data can result from sensor failure, calibration drift, vandalism, or battery failure. One special case is worth noting. During June of 1980, Station 3 was moved to a new location. Some subsequent records from that station include some irradiance data which are too high. The error appears to be intermittent and could be due to calibration, electronic drift or effects of manmade light sources. No nearby source of data is available for comparison or for statistical analysis for error values. Although the irradiance data from station 3 are included in this report, readers are cautioned that the values of irradiance may be somewhat high. The cause and magnitude of errors are unknown.

APPENDIX I

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	DAY	AVERAGE	MAXIMUM			VISIBLE	TOTAL
					(M/SEC)	(M/SEC)	(TRUE NO)	(C)	(MB)	MICRO EINST/M**2/SEC
11-	1-79	305	*****	*****	*****	*****	*****	*****	*****	*****
11-	2-79	306	*****	*****	*****	*****	*****	*****	*****	*****
11-	3-79	307	*****	*****	*****	*****	*****	*****	*****	*****
11-	4-79	308	*****	*****	*****	*****	*****	*****	*****	*****
11-	5-79	309	*****	*****	*****	*****	*****	*****	*****	*****
11-	6-79	310	*****	*****	*****	*****	*****	*****	*****	*****
11-	7-79	311	*****	*****	*****	*****	*****	*****	*****	*****
11-	8-79	312	*****	*****	*****	*****	*****	*****	*****	*****
11-	9-79	313	*****	*****	*****	*****	*****	*****	*****	*****
11-	10-79	314	*****	*****	*****	*****	*****	*****	*****	*****
11-	11-79	315	*****	*****	*****	*****	*****	*****	*****	*****
11-	12-79	316	*****	*****	*****	*****	*****	*****	*****	*****
11-	13-79	317	*****	*****	*****	*****	*****	*****	*****	*****
11-	14-79	318	*****	*****	*****	*****	*****	*****	*****	*****
11-	15-79	319	*****	*****	*****	*****	*****	*****	*****	*****
11-	16-79	320	*****	*****	*****	*****	*****	*****	*****	*****
11-	17-79	321	*****	*****	*****	*****	*****	*****	*****	*****
11-	18-79	322	*****	*****	*****	*****	*****	*****	*****	*****
11-	19-79	323	*****	*****	*****	*****	*****	*****	*****	*****
11-	20-79	324	1.7	16.4	248.5	12.6	*****	*****	*****	*****
11-	21-79	325	3.8	11.3	222.9	12.7	*****	*****	*****	*****
11-	22-79	326	4.9	14.0	132.8	12.8	*****	*****	*****	*****
11-	23-79	327	1.3	7.2	41.7	12.2	*****	*****	*****	*****
11-	24-79	328	1.8	9.0	165.9	13.7	*****	*****	*****	*****
11-	25-79	329	2.8	12.5	229.7	13.6	*****	*****	*****	*****
11-	26-79	330	2.1	7.8	346.6	11.8	*****	*****	*****	*****
11-	27-79	331	3.5	8.4	103.2	11.9	*****	*****	*****	*****
11-	28-79	332	1.9	6.6	118.9	13.0	*****	*****	*****	*****
11-	29-79	333	1.1	5.4	338.6	13.3	*****	*****	*****	*****
11-	30-79	334	0.6	8.1	291.8	12.8	*****	*****	*****	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			JULIAN	WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
				(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
12-	1-79		335	0.6	6.0	20.9	11.9	*****	*****	*****
12-	2-79		336	0.3	4.2	10.9	13.1	*****	*****	*****
12-	3-79		337	1.9	6.3	353.3	13.3	*****	*****	*****
12-	4-79		338	0.6	4.5	327.8	13.1	*****	*****	*****
12-	5-79		339	1.1	7.8	295.9	13.3	*****	*****	*****
12-	6-79		340	1.1	6.9	325.1	14.3	*****	*****	*****
12-	7-79		341	1.1	8.7	130.1	15.6	*****	*****	*****
12-	8-79		342	1.3	5.4	328.4	13.7	*****	*****	*****
12-	9-79		343	0.8	5.7	170.9	13.1	*****	*****	*****
12-	10-79		344	3.2	11.0	337.8	13.4	*****	*****	*****
12-	11-79		345	1.0	6.6	86.1	12.2	*****	*****	*****
12-	12-79		346	0.5	5.7	2.2	11.6	*****	*****	*****
12-	13-79		347	1.3	6.3	17.5	11.8	*****	*****	*****
12-	14-79		348	0.7	6.0	13.6	11.8	*****	*****	*****
12-	15-79		349	0.8	6.0	353.8	12.1	*****	*****	*****
12-	16-79		350	0.8	6.9	69.0	12.1	*****	*****	*****
12-	17-79		351	0.4	4.8	60.7	11.8	*****	*****	*****
12-	18-79		352	*****	*****	*****	****	*****	*****	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			JULIAN	WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
3-	1-80		61	*****	*****	*****	*****	*****	*****	*****
3-	2-80		62	*****	*****	*****	*****	*****	*****	*****
3-	3-80		63	*****	*****	*****	*****	*****	*****	*****
3-	4-80		64	*****	*****	*****	*****	*****	*****	*****
3-	5-80		65	*****	*****	*****	*****	*****	*****	*****
3-	6-80		66	*****	*****	*****	*****	*****	*****	*****
3-	7-80		67	*****	*****	*****	*****	*****	*****	*****
3-	8-80		68	*****	*****	*****	*****	*****	*****	*****
3-	9-80		69	*****	*****	*****	*****	*****	*****	*****
3-	10-80		70	*****	*****	*****	*****	*****	*****	*****
3-	11-80		71	*****	*****	*****	*****	*****	*****	*****
3-	12-80		72	*****	*****	*****	*****	*****	*****	*****
3-	13-80		73	*****	*****	*****	*****	*****	*****	*****
3-	14-80		74	2.7	9.6	201.4	13.6	*****	220.5	377.6
3-	15-80		75	6.2	12.2	312.5	11.7	*****	340.3	1005.5
3-	16-80		76	4.2	8.4	316.9	11.8	*****	368.9	1116.7
3-	17-80		77	4.9	11.6	279.7	12.5	*****	256.6	783.4
3-	18-80		78	7.6	13.4	326.5	13.5	*****	376.1	1188.7
3-	19-80		79	3.3	11.0	302.9	14.4	*****	372.6	1153.5
3-	20-80		80	8.0	17.3	285.0	12.1	*****	374.0	1159.3
3-	21-80		81	5.1	13.1	299.6	12.1	*****	330.0	1024.7
3-	22-80		82	5.2	11.9	320.9	14.6	*****	383.1	1158.0
3-	23-80		83	2.2	9.9	278.1	14.0	*****	379.8	1163.0
3-	24-80		84	5.3	13.1	292.6	13.2	*****	381.9	1184.7
3-	25-80		85	3.8	15.5	324.0	10.6	*****	173.1	556.4
3-	26-80		86	3.2	12.2	256.7	11.5	*****	344.8	1081.5
3-	27-80		87	3.5	11.3	288.8	12.2	*****	384.5	680.0
3-	28-80		88	3.2	11.6	300.5	14.0	*****	393.2	629.9
3-	29-80		89	1.9	13.4	276.8	13.6	*****	391.5	*****
3-	30-80		90	4.7	14.9	322.2	14.2	*****	403.7	*****
3-	31-80		91	7.4	19.1	302.7	12.9	*****	396.8	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			WIND SPEED		DIRECTION TEMP		PRESSURE		IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO EINST/M**2/SEC	
4-	1-	80	92	3.0	14.3	337.0	12.4	*****	*****	*****
4-	2-	80	93	2.1	11.0	167.4	12.3	*****	401.3	1216.1
4-	3-	80	94	1.2	6.9	181.8	12.8	*****	271.6	804.5
4-	4-	80	95	5.3	11.9	94.7	13.5	*****	89.9	241.1
4-	5-	80	96	3.2	13.7	262.0	14.3	*****	305.6	887.7
4-	6-	80	97	3.0	11.6	265.3	13.5	*****	347.0	1023.6
4-	7-	80	98	1.1	8.4	199.3	13.4	*****	368.9	1105.6
4-	8-	80	99	1.3	10.1	169.4	14.0	*****	359.0	1080.5
4-	9-	80	100	1.6	12.2	290.4	14.1	*****	362.3	1103.6
4-	10-	80	101	2.3	9.9	291.8	14.1	*****	433.8	1328.7
4-	11-	80	102	0.6	8.4	328.8	17.2	*****	403.7	1209.1
4-	12-	80	103	1.2	7.5	30.1	17.6	*****	439.8	1314.8
4-	13-	80	104	2.3	14.3	205.5	15.9	*****	407.1	1236.7
4-	14-	80	105	3.4	11.3	254.0	14.3	*****	364.3	1074.6
4-	15-	80	106	2.2	9.3	284.6	14.9	*****	426.3	1304.1
4-	16-	80	107	1.4	11.0	270.7	15.1	*****	416.7	1279.2
4-	17-	80	108	2.7	11.0	260.2	12.9	*****	400.0	1240.0
4-	18-	80	109	2.8	9.9	246.8	14.6	*****	437.1	1287.2
4-	19-	80	110	2.2	12.2	275.1	14.0	*****	444.0	1298.5
4-	20-	80	111	3.5	15.5	194.3	13.7	*****	198.6	573.8
4-	21-	80	112	3.9	12.5	220.9	11.7	*****	318.9	948.1
4-	22-	80	113	4.0	10.7	188.1	12.3	*****	155.1	429.3
4-	23-	80	114	3.4	13.1	223.9	13.2	*****	313.9	901.7
4-	24-	80	115	3.4	12.8	234.7	13.5	*****	460.9	1366.0
4-	25-	80	116	4.0	9.6	198.4	12.6	*****	437.6	1088.4
4-	26-	80	117	2.2	8.7	214.0	13.9	*****	631.1	1317.3
4-	27-	80	118	2.2	12.8	220.0	14.6	*****	531.6	1077.3
4-	28-	80	119	3.7	14.3	164.3	13.3	*****	299.0	579.5
4-	29-	80	120	2.0	9.6	239.5	14.0	*****	536.4	1086.6
4-	30-	80	121	0.4	13.4	182.4	15.1	*****	681.8	1402.8

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			JULIAN	WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
5-	1-80		122	0.6	11.6	234.2	14.8	*****	642.3	1336.3
5-	2-80		123	1.7	9.3	225.8	13.2	*****	584.8	1214.8
5-	3-80		124	2.1	11.3	241.8	13.5	*****	634.5	1323.8
5-	4-80		125	2.9	11.3	219.7	13.6	*****	673.1	1404.6
5-	5-80		126	6.1	14.6	191.8	14.5	*****	619.5	1275.0
5-	6-80		127	4.6	11.9	226.8	14.7	*****	689.9	1452.7
5-	7-80		128	1.4	14.6	217.2	14.3	*****	713.0	1484.1
5-	8-80		129	7.1	16.1	158.5	13.2	*****	525.1	1059.8
5-	9-80		130	5.4	13.4	157.0	13.5	*****	193.8	317.5
5-	10-80		131	5.0	13.4	223.4	12.8	*****	693.9	1477.5
5-	11-80		132	6.3	13.1	190.3	13.4	*****	541.6	1106.8
5-	12-80		133	5.6	10.4	201.8	13.5	*****	379.6	715.4
5-	13-80		134	5.9	13.7	203.9	13.3	*****	423.7	835.3
5-	14-80		135	5.4	13.7	244.1	13.8	*****	712.5	1487.9
5-	15-80		136	5.2	14.9	237.1	13.6	*****	722.1	1504.7
5-	16-80		137	3.7	11.3	233.0	14.2	*****	700.9	1440.6
5-	17-80		138	2.2	10.7	238.9	15.4	*****	730.7	1510.6
5-	18-80		139	3.5	12.5	276.4	14.3	*****	725.4	1485.7
5-	19-80		140	2.0	7.5	279.6	15.2	*****	*****	*****
5-	20-80		141	2.6	11.6	286.3	15.7	*****	688.2	1422.7
5-	21-80		142	8.2	18.2	237.1	14.0	*****	456.1	887.5
5-	22-80		143	12.4	21.8	255.2	13.6	*****	736.5	1559.6
5-	23-80		144	10.0	19.4	271.4	13.0	*****	720.0	1520.3
5-	24-80		145	6.3	16.1	277.3	13.3	*****	699.0	1454.9
5-	25-80		146	3.3	11.6	246.2	13.3	*****	735.7	1518.4
5-	26-80		147	3.5	12.2	246.5	13.2	*****	716.1	1485.8
5-	27-80		148	5.4	11.0	245.6	13.5	*****	449.1	886.3
5-	28-80		149	5.0	8.7	259.3	13.8	*****	650.5	1325.4
5-	29-80		150	3.9	8.7	276.7	14.1	*****	671.7	1378.7
5-	30-80		151	4.6	10.7	244.5	13.8	*****	293.9	543.4
5-	31-80		152	3.2	11.3	231.8	14.9	*****	715.5	1439.6

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
6-	1-	80	153	5.2	17.6	279.4	13.7	*****	442.6	891.1
6-	2-	80	154	6.9	18.5	273.9	13.5	*****	713.1	1489.7
6-	3-	80	155	5.4	19.1	298.6	13.8	*****	654.5	1341.5
6-	4-	80	156	4.1	12.2	238.5	14.3	*****	624.8	1281.1
6-	5-	80	157	6.2	14.0	292.6	13.6	*****	743.0	1571.7
6-	6-	80	158	5.7	10.7	287.8	14.4	*****	744.4	1564.4
6-	7-	80	159	3.4	10.1	297.7	15.5	*****	751.7	1549.9
6-	8-	80	160	4.5	12.2	319.4	15.9	*****	752.1	1555.8
6-	9-	80	161	5.5	14.0	312.6	14.7	*****	744.1	1554.2
6-	10-	80	162	6.5	17.9	305.8	14.0	*****	737.3	1555.1
6-	11-	80	163	6.2	17.0	320.6	14.6	*****	548.0	1096.2
6-	12-	80	164	5.3	11.9	317.0	14.8	*****	632.5	1295.3
6-	13-	80	165	5.3	13.1	315.8	14.6	*****	620.6	1248.5
6-	14-	80	166	3.9	12.5	314.6	15.4	*****	744.0	1526.8
6-	15-	80	167	3.4	13.1	311.0	15.8	*****	756.7	1556.5
6-	16-	80	168	3.5	11.6	325.3	14.5	*****	668.3	1391.7
6-	17-	80	169	2.8	10.4	313.4	15.7	*****	740.1	1517.1
6-	18-	80	170	5.0	12.8	305.8	13.6	*****	631.7	1346.2
6-	19-	80	171	5.6	14.3	286.3	13.4	*****	313.4	631.6
6-	20-	80	172	6.4	14.0	292.8	14.0	*****	638.5	1356.7
6-	21-	80	173	6.0	15.2	313.5	14.3	*****	681.5	1438.8
6-	22-	80	174	6.3	14.0	314.9	14.7	*****	744.4	1555.2
6-	23-	80	175	*****	*****	*****	*****	*****	*****	*****
6-	24-	80	176	*****	*****	*****	*****	*****	*****	*****
6-	25-	80	177	6.1	38.4	266.6	17.2	*****	756.4	1647.7
6-	26-	80	178	2.3	9.3	265.5	17.1	*****	768.7	1689.0
6-	27-	80	179	1.6	7.2	284.6	20.2	*****	675.7	1450.9
6-	28-	80	180	*****	*****	*****	19.6	*****	774.8	1672.6
6-	29-	80	181	3.8	16.7	314.1	16.1	*****	483.1	1013.5
6-	30-	80	182	4.3	9.3	308.5	16.2	*****	710.4	1517.0

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			JULIAN	WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
				(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
7-	1-80		183	*****	*****	*****	15.0	*****	349.6	670.7
7-	2-80		184	*****	*****	*****	15.5	*****	271.4	491.5
7-	3-80		185	*****	*****	*****	15.4	*****	682.3	1416.0
7-	4-80		186	*****	*****	*****	15.4	*****	634.6	1335.8
7-	5-80		187	*****	*****	*****	15.5	*****	640.5	1332.9
7-	6-80		188	*****	*****	*****	15.4	*****	694.7	1472.2
7-	7-80		189	*****	*****	*****	15.9	*****	703.1	1492.4
7-	8-80		190	*****	*****	*****	16.4	*****	622.9	1339.1
7-	9-80		191	*****	*****	*****	16.8	*****	742.1	1456.4
7-	10-80		192	*****	*****	*****	17.9	*****	695.3	1485.4
7-	11-80		193	*****	*****	*****	16.1	*****	710.8	1486.6
7-	12-80		194	*****	*****	*****	15.7	*****	422.5	862.9
7-	13-80		195	*****	*****	*****	16.3	*****	545.3	1103.9
7-	14-80		196	*****	*****	*****	16.3	*****	631.1	1310.3
7-	15-80		197	*****	*****	*****	18.2	*****	709.7	1496.1
7-	16-80		198	*****	*****	*****	17.0	*****	710.7	1460.2
7-	17-80		199	*****	*****	*****	16.9	*****	708.1	1358.4
7-	18-80		200	*****	*****	*****	15.4	*****	562.4	1190.3
7-	19-80		201	*****	*****	*****	16.9	*****	648.4	1330.1
7-	20-80		202	*****	*****	*****	17.1	*****	601.5	1235.3
7-	21-80		203	*****	*****	*****	17.0	*****	628.7	1322.7
7-	22-80		204	*****	*****	*****	16.0	*****	*****	*****
7-	23-80		205	4.0	8.7	280.8	16.4	1013.5	643.3	1335.8
7-	24-80		206	3.1	9.0	293.0	17.4	1011.5	646.3	1378.1
7-	25-80		207	3.4	9.3	312.2	19.0	1010.0	690.6	1471.6
7-	26-80		208	4.2	9.3	314.4	18.6	1010.8	700.7	1498.3
7-	27-80		209	3.5	9.6	311.0	19.8	1009.8	683.5	1418.2
7-	28-80		210	4.4	9.3	313.7	19.6	1009.1	623.6	1313.5
7-	29-80		211	4.2	10.4	314.0	18.9	1011.3	710.6	*****
7-	30-80		212	4.4	9.9	312.8	19.9	1013.3	695.2	*****
7-	31-80		213	3.4	9.9	304.7	21.0	1014.0	680.5	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			JULIAN	WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL	
				(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC	
8-	1-	80	214	2.6	7.5	302.6	20.9	1014.1	705.8		1617.5
8-	2-	80	215	3.6	11.0	291.5	17.4	1013.7	693.0		1612.2
8-	3-	80	216	3.3	10.1	282.2	18.1	1010.8	697.2		1631.5
8-	4-	80	217	4.7	9.0	266.4	17.1	1009.3	597.2		1409.3
8-	5-	80	218	3.5	10.4	282.3	17.6	1010.3	665.6		1549.1
8-	6-	80	219	4.4	10.1	306.9	16.6	1012.0	626.5		1473.5
8-	7-	80	220	3.8	9.9	310.2	16.7	1011.8	661.5		1579.0
8-	8-	80	221	3.7	8.7	302.7	15.6	1010.9	590.4		1438.7
8-	9-	80	222	3.5	8.4	297.5	16.0	1010.6	622.0		1519.8
8-	10-	80	223	3.7	9.0	306.3	15.3	1011.1	600.3		1433.4
8-	11-	80	224	3.2	8.4	296.0	15.6	1010.9	616.1		1445.0
8-	12-	80	225	4.4	9.6	276.1	14.8	1010.4	*****		*****
8-	13-	80	226	5.9	11.6	264.3	14.3	1012.0	328.5		796.0
8-	14-	80	227	5.0	11.0	255.5	14.5	1011.6	535.7		1234.9
8-	15-	80	228	1.5	9.3	299.7	15.9	1012.8	631.5		1461.7
8-	16-	80	229	2.9	9.9	310.8	15.8	1012.9	576.6		1318.3
8-	17-	80	230	*****	*****	*****	16.5	1011.5	570.6		1302.5
8-	18-	80	231	*****	*****	*****	16.9	1009.9	613.2		1435.7
8-	19-	80	232	*****	*****	*****	18.1	1015.1	613.9		1569.0
8-	20-	80	233	*****	*****	*****	16.9	1017.1	653.1		1634.2
8-	21-	80	234	*****	*****	*****	15.7	1014.0	564.7		1420.9
8-	22-	80	235	*****	*****	*****	15.4	1011.5	562.6		1435.2
8-	23-	80	236	*****	*****	*****	16.1	1014.4	615.2		1590.7
8-	24-	80	237	*****	*****	*****	15.8	1016.3	615.3		1585.4
8-	25-	80	238	*****	*****	*****	15.7	1016.6	603.1		1517.0
8-	26-	80	239	*****	*****	*****	15.0	1016.4	491.2		1267.9
8-	27-	80	240	*****	*****	*****	15.7	1016.5	597.4		1511.0
8-	28-	80	241	*****	*****	*****	15.6	1016.5	587.2		1437.9
8-	29-	80	242	*****	*****	*****	16.3	1019.1	636.0		1569.0
8-	30-	80	243	*****	*****	*****	16.7	1018.2	659.4		1635.9
8-	31-	80	244	*****	*****	*****	16.1	1014.1	527.7		1282.4

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
9-	1-	80	245	*****	*****	*****	16.0	1013.1	603.2	1380.7
9-	2-	80	246	*****	*****	*****	15.6	1013.7	517.1	1212.9
9-	3-	80	247	*****	*****	*****	16.2	1013.4	531.2	1238.7
9-	4-	80	248	*****	*****	*****	16.0	1014.8	551.0	1301.8
9-	5-	80	249	*****	*****	*****	15.5	1016.3	539.4	1298.2
9-	6-	80	250	*****	*****	*****	15.5	1015.7	552.1	1354.0
9-	7-	80	251	*****	*****	*****	17.0	1013.1	364.8	883.6
9-	8-	80	252	*****	*****	*****	16.2	1013.4	522.9	1224.3
9-	9-	80	253	*****	*****	*****	15.9	1015.3	487.8	1162.6
9-	10-	80	254	*****	*****	*****	16.3	1016.5	480.3	1154.8
9-	11-	80	255	*****	*****	*****	15.4	1015.8	449.3	1082.3
9-	12-	80	256	*****	*****	*****	15.7	1013.2	477.5	1125.8
9-	13-	80	257	*****	*****	*****	15.3	1011.4	475.7	1141.5
9-	14-	80	258	*****	*****	*****	15.9	1014.6	486.2	1207.5
9-	15-	80	259	*****	*****	*****	16.6	1014.1	541.0	1364.5
9-	16-	80	260	*****	*****	*****	16.4	1015.2	592.2	1498.5
9-	17-	80	261	*****	*****	*****	17.8	1014.2	446.1	1110.2
9-	18-	80	262	*****	*****	*****	*****	*****	*****	*****
9-	19-	80	263	*****	*****	*****	*****	*****	*****	*****
9-	20-	80	264	5.1	12.2	259.4	17.2	1016.0	576.0	1213.6
9-	21-	80	265	1.5	8.7	303.8	17.4	1013.6	635.9	1352.3
9-	22-	80	266	1.1	8.1	309.7	18.6	1014.0	649.3	1413.4
9-	23-	80	267	0.7	5.4	302.2	19.9	1012.7	682.2	1519.7
9-	24-	80	268	2.1	7.5	315.2	19.4	1009.9	678.2	1527.9
9-	25-	80	269	3.7	9.0	319.1	17.0	1008.7	538.5	1099.2
9-	26-	80	270	3.4	9.6	298.4	16.6	1012.3	444.2	850.2
9-	27-	80	271	4.5	11.3	276.8	16.1	1014.0	309.6	642.2
9-	28-	80	272	1.7	8.7	271.8	17.4	1014.0	519.1	1034.7
9-	29-	80	273	1.1	6.0	302.4	18.6	1013.6	550.5	1117.7
9-	30-	80	274	0.9	6.9	298.8	20.6	1013.7	555.1	1148.9

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			JULIAN	WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
				(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
10-	1-	80	275	0.4	4.5	285.8	23.5	1012.3	575.0	1290.4
10-	2-	80	276	1.3	6.6	296.2	23.5	1012.1	604.6	1374.1
10-	3-	80	277	1.4	6.9	307.2	22.5	1012.2	586.5	1292.6
10-	4-	80	278	3.5	9.9	319.5	19.2	1012.6	526.8	1139.8
10-	5-	80	279	3.2	9.0	322.3	16.9	1015.2	407.7	869.4
10-	6-	80	280	2.4	6.6	319.6	17.5	1016.2	426.5	918.6
10-	7-	80	281	2.2	6.3	313.3	18.0	1015.1	509.2	1112.8
10-	8-	80	282	2.4	8.7	318.5	17.7	1012.2	524.5	1168.4
10-	9-	80	283	3.0	8.7	318.5	16.4	1011.3	444.9	992.0
10-	10-	80	284	4.1	8.1	279.5	15.4	1014.4	409.7	952.0
10-	11-	80	285	1.9	8.4	277.4	16.0	1014.6	325.7	731.7
10-	12-	80	286	3.1	9.3	254.5	17.3	1017.3	537.1	1224.2
10-	13-	80	287	2.8	9.6	272.7	16.0	1017.7	364.6	897.2
10-	14-	80	288	4.0	13.7	306.5	14.9	1015.5	482.5	1137.8
10-	15-	80	289	1.4	9.3	268.7	13.4	1011.9	537.6	1302.6
10-	16-	80	290	1.0	7.2	330.3	13.5	1012.9	506.1	1230.0
10-	17-	80	291	1.2	7.5	315.5	14.2	1019.0	512.8	1266.3
10-	18-	80	292	1.6	6.6	316.7	14.2	1021.4	513.8	1254.4
10-	19-	80	293	1.7	7.5	313.9	14.8	1019.8	497.3	1177.8
10-	20-	80	294	1.0	7.8	308.5	15.0	1018.4	452.3	1044.6
10-	21-	80	295	1.6	6.0	314.9	15.4	1015.7	432.3	998.4
10-	22-	80	296	0.7	4.5	325.5	15.7	1014.6	430.3	965.1
10-	23-	80	297	2.4	11.0	327.0	14.8	1016.9	454.8	987.6
10-	24-	80	298	2.2	10.7	289.3	16.9	1020.0	*****	*****
10-	25-	80	299	4.0	13.7	274.5	18.9	1015.3	152.8	443.3
10-	26-	80	300	1.5	13.7	276.7	18.1	1016.6	436.5	1116.3
10-	27-	80	301	1.0	8.7	296.4	18.2	1019.9	394.1	999.6
10-	28-	80	302	0.5	10.7	177.2	19.3	1024.1	*****	*****
10-	29-	80	303	1.5	43.1	325.7	19.0	1024.1	*****	*****
10-	30-	80	304	0.4	16.7	5.3	18.7	1020.0	*****	*****
10-	31-	80	305	0.8	5.4	338.8	18.5	1018.7	*****	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			WIND SPEED		DIRECTION TEMP		PRESSURE		IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
11-	1-	80	306	0.5	5.7	2.0	17.6	1020.5	300.2	*****
11-	2-	80	307	0.6	7.2	307.9	18.8	1021.7	493.7	*****
11-	3-	80	308	0.2	3.9	204.0	19.7	1021.8	394.0	*****
11-	4-	80	309	0.7	7.2	299.2	20.4	1019.1	445.8	*****
11-	5-	80	310	1.0	10.1	312.9	17.9	1017.9	277.4	*****
11-	6-	80	311	0.6	6.0	240.1	19.3	1017.7	346.6	*****
11-	7-	80	312	1.1	9.6	281.3	20.0	1017.8	291.7	*****
11-	8-	80	313	1.8	9.6	294.0	17.7	1018.7	409.6	*****
11-	9-	80	314	0.7	8.1	295.3	16.9	1015.8	411.1	*****
11-	10-	80	315	1.7	7.5	297.4	16.4	1013.3	294.1	*****
11-	11-	80	316	1.2	7.5	255.3	16.1	1014.5	327.3	*****
11-	12-	80	317	0.2	7.2	14.6	13.7	1019.0	360.0	*****
11-	13-	80	318	0.3	6.9	333.9	13.6	1021.8	397.9	*****
11-	14-	80	319	0.1	8.4	257.8	14.0	1023.4	408.1	*****
11-	15-	80	320	2.8	14.3	10.7	17.5	1019.9	432.8	*****
11-	16-	80	321	0.3	6.6	319.6	15.0	1021.4	396.0	*****
11-	17-	80	322	0.5	5.7	310.5	16.7	1023.5	388.6	*****
11-	18-	80	323	1.3	6.3	338.1	15.7	1023.6	412.6	*****
11-	19-	80	324	2.2	7.2	0.0	15.3	1023.1	358.8	*****
11-	20-	80	325	0.8	4.5	336.4	14.7	1022.2	335.1	*****
11-	21-	80	326	0.3	5.7	94.7	14.7	1021.1	232.0	*****
11-	22-	80	327	1.3	7.5	118.5	18.1	1019.0	242.5	*****
11-	23-	80	328	2.3	6.9	271.3	16.8	1022.4	229.3	*****
11-	24-	80	329	1.4	8.7	329.7	15.9	1026.5	380.2	*****
11-	25-	80	330	0.9	8.7	20.5	15.1	1026.7	392.0	*****
11-	26-	80	331	0.2	5.1	50.7	15.3	1026.3	402.7	*****
11-	27-	80	332	0.2	4.8	98.4	14.8	1025.8	396.9	*****
11-	28-	80	333	0.6	5.1	328.3	14.9	1020.4	393.4	*****
11-	29-	80	334	0.8	5.4	127.5	15.7	1016.6	212.9	*****
11-	30-	80	335	1.2	8.4	275.2	16.6	1014.4	249.7	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			JULIAN	WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL	
				(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC	
12-	1-	80	336	0.6	4.2	110.9	14.5	1016.3	267.8		*****
12-	2-	80	337	7.1	15.5	151.2	18.7	1012.2	217.1		*****
12-	3-	80	338	8.3	17.0	151.3	18.0	1004.6	57.9		*****
12-	4-	80	339	3.7	10.1	288.4	15.5	1011.0	343.7		*****
12-	5-	80	340	0.6	7.8	322.4	12.4	1016.3	368.2		*****
12-	6-	80	341	0.8	9.0	318.5	12.3	1016.0	375.4		*****
12-	7-	80	342	1.8	11.3	6.8	12.3	1017.4	394.9		*****
12-	8-	80	343	0.7	9.9	89.1	12.0	1024.2	*****		*****
12-	9-	80	344	0.6	3.6	114.1	11.3	1026.6	414.0		*****
12-	10-	80	345	0.4	4.8	43.3	12.1	1027.7	400.8		*****
12-	11-	80	346	0.5	3.6	127.3	11.7	1023.5	396.0		*****
12-	12-	80	347	0.2	3.6	61.6	11.6	1017.8	371.2		*****
12-	13-	80	348	0.4	3.9	66.9	11.4	1022.9	378.3		*****
12-	14-	80	349	0.6	4.8	129.9	12.1	1026.1	384.9		*****
12-	15-	80	350	1.0	5.4	141.9	14.9	1023.4	400.1		*****
12-	16-	80	351	0.3	3.6	133.7	15.0	1018.7	398.1		*****
12-	17-	80	352	0.2	4.5	291.0	15.0	1015.9	314.4		*****
12-	18-	80	353	0.6	5.1	279.1	15.7	1018.1	161.2		*****
12-	19-	80	354	0.5	3.9	263.7	15.7	1020.3	374.5		*****
12-	20-	80	355	0.3	5.7	342.9	15.4	1019.6	298.8		*****
12-	21-	80	356	0.9	5.7	124.3	16.0	1018.9	99.5		*****
12-	22-	80	357	1.7	5.1	318.5	15.9	1022.1	193.9		*****
12-	23-	80	358	0.7	7.5	123.8	14.5	1022.5	252.5		*****
12-	24-	80	359	0.7	5.7	336.4	14.5	1024.7	304.0		*****
12-	25-	80	360	0.6	8.1	355.4	16.1	1025.4	277.6		*****
12-	26-	80	361	1.0	7.8	314.4	14.8	1021.4	341.5		*****
12-	27-	80	362	0.4	6.3	12.3	13.7	1022.0	189.6		*****
12-	28-	80	363	0.6	3.9	334.3	15.0	1023.0	349.6		*****
12-	29-	80	364	0.6	4.2	43.3	14.3	1023.4	343.7		*****
12-	30-	80	365	0.6	5.7	53.1	12.8	1019.4	329.0		*****
12-	31-	80	0	1.3	5.4	56.8	12.7	1017.1	357.9		*****

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
1-	1-81	1		0.8	5.1	37.5	11.7	1017.4	352.0	*****
1-	2-81	2		0.2	5.7	112.5	11.4	1019.0	227.2	*****
1-	3-81	3		1.0	5.7	316.4	15.4	1020.7	154.5	*****
1-	4-81	4		1.0	6.6	321.9	15.0	1021.2	361.7	*****
1-	5-81	5		1.6	8.1	9.4	15.2	1018.0	357.6	*****
1-	6-81	6		1.3	6.0	46.6	14.1	1017.7	365.3	*****
1-	7-81	7		0.7	5.1	40.0	12.0	1016.6	278.9	*****
1-	8-81	8		0.7	5.7	24.2	11.7	1018.1	246.1	*****
1-	9-81	9		0.6	6.0	67.0	11.0	1019.6	310.6	*****
1-	10-81	10		1.6	6.6	50.1	11.8	1018.3	364.1	*****
1-	11-81	11		0.5	6.0	14.5	11.6	1017.7	325.9	*****
1-	12-81	12		0.9	4.2	325.0	13.8	1019.5	260.3	*****
1-	13-81	13		*****	*****	*****	*****	*****	*****	*****
1-	14-81	14		*****	*****	*****	*****	1017.5	205.1	*****
1-	15-81	15		*****	*****	*****	*****	1012.7	283.0	*****
1-	16-81	16		*****	*****	*****	17.6	1013.7	190.8	*****
1-	17-81	17		*****	*****	*****	18.8	1017.7	131.0	*****
1-	18-81	18		*****	*****	*****	18.9	1019.0	132.0	*****
1-	19-81	19		*****	*****	*****	17.9	1017.8	139.2	*****
1-	20-81	20		*****	*****	*****	18.3	1016.6	258.1	*****
1-	21-81	21		*****	*****	*****	19.1	1015.2	174.8	*****
1-	22-81	22		*****	*****	*****	18.5	1013.2	139.8	*****
1-	23-81	23		*****	*****	*****	15.7	1018.8	231.0	*****
1-	24-81	24		*****	*****	*****	*****	1023.4	304.2	*****
1-	25-81	25		*****	*****	*****	*****	1019.8	289.8	*****
1-	26-81	26		*****	*****	*****	*****	1014.7	162.1	*****
1-	27-81	27		*****	*****	*****	*****	1003.7	148.4	*****
1-	28-81	28		*****	*****	*****	12.1	1008.0	85.7	*****
1-	29-81	29		*****	*****	*****	10.5	1012.3	190.4	*****
1-	30-81	30		*****	*****	*****	9.6	1022.5	293.7	*****
1-	31-81	31		*****	*****	*****	8.2	1027.3	279.5	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
2-	1-81		32	*****	*****	*****	8.6	1027.0	234.6	*****
2-	2-81		33	*****	*****	*****	11.0	1024.1	197.2	*****
2-	3-81		34	*****	*****	*****	9.7	1020.4	185.8	*****
2-	4-81		35	*****	*****	*****	11.1	1020.8	206.0	*****
2-	5-81		36	*****	*****	*****	10.6	1018.8	170.1	*****
2-	6-81		37	*****	*****	*****	10.7	1017.1	243.1	*****
2-	7-81		38	*****	*****	*****	11.8	1017.7	154.1	*****
2-	8-81		39	*****	*****	*****	11.0	1012.5	128.5	*****
2-	9-81		40	*****	*****	*****	12.0	1011.9	148.9	*****
2-	10-81		41	*****	*****	*****	12.0	1017.6	215.1	*****
2-	11-81		42	*****	*****	*****	14.0	1021.8	217.5	*****
2-	12-81		43	*****	*****	*****	13.3	1023.6	180.1	*****
2-	13-81		44	*****	*****	*****	15.9	1023.2	130.6	*****
2-	14-81		45	*****	*****	*****	15.6	1025.3	99.9	*****
2-	15-81		46	*****	*****	*****	13.4	1023.4	161.8	*****
2-	16-81		47	*****	*****	*****	13.5	1020.9	174.1	*****
2-	17-81		48	*****	*****	*****	14.3	1020.7	134.0	*****
2-	18-81		49	*****	*****	*****	14.2	1021.3	*****	*****
2-	19-81		50	*****	*****	*****	14.0	1022.7	112.2	*****
2-	20-81		51	*****	*****	*****	14.1	1022.9	102.9	*****
2-	21-81		52	*****	*****	*****	14.1	1022.2	72.9	*****
2-	22-81		53	*****	*****	*****	13.2	1019.6	107.0	*****
2-	23-81		54	*****	*****	*****	12.8	1011.3	140.1	*****
2-	24-81		55	*****	*****	*****	11.0	1007.6	177.1	*****
2-	25-81		56	*****	*****	*****	10.0	1009.6	240.4	*****
2-	26-81		57	*****	*****	*****	10.3	1015.1	207.7	*****
2-	27-81		58	*****	*****	*****	11.8	1013.2	212.5	*****
2-	28-81		59	*****	*****	*****	11.2	1008.5	126.8	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			JULIAN	WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
				(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
3-	1-81		60	*****	*****	*****	12.2	1005.7	*****	391.9
3-	2-81		61	*****	*****	*****	12.7	1008.7	*****	798.2
3-	3-81		62	*****	*****	*****	12.3	1010.5	*****	427.4
3-	4-81		63	*****	*****	*****	10.8	1007.0	*****	272.1
3-	5-81		64	*****	*****	*****	10.5	1005.6	*****	1110.1
3-	6-81		65	*****	*****	*****	10.8	1010.5	*****	1099.7
3-	7-81		66	*****	*****	*****	12.3	1019.8	*****	909.8
3-	8-81		67	*****	*****	*****	12.7	1022.8	*****	1071.1
3-	9-81		68	*****	*****	*****	13.4	1022.8	*****	1117.1
3-	10-81		69	*****	*****	*****	13.2	1021.1	*****	1091.0
3-	11-81		70	*****	*****	*****	13.9	1016.2	*****	993.7
3-	12-81		71	*****	*****	*****	12.7	1017.4	*****	380.5
3-	13-81		72	*****	*****	*****	11.4	1017.2	*****	1038.7
3-	14-81		73	*****	*****	*****	11.9	1020.4	*****	1176.6
3-	15-81		74	*****	*****	*****	11.2	1019.8	*****	175.6
3-	16-81		75	*****	*****	*****	11.9	1024.4	*****	1178.9
3-	17-81		76	*****	*****	*****	12.7	1019.0	*****	1084.6
3-	18-81		77	*****	*****	*****	11.7	1011.9	*****	331.9
3-	19-81		78	*****	*****	*****	12.5	1005.9	*****	590.0
3-	20-81		79	*****	*****	*****	10.5	1007.9	*****	421.8
3-	21-81		80	*****	*****	*****	13.6	1014.1	*****	1047.0
3-	22-81		81	*****	*****	*****	13.9	1022.9	*****	877.9
3-	23-81		82	*****	*****	*****	12.0	1023.1	*****	1110.9
3-	24-81		83	*****	*****	*****	13.2	1020.9	*****	1104.4
3-	25-81		84	*****	*****	*****	14.3	1016.9	*****	657.6
3-	26-81		85	*****	*****	*****	12.5	1015.1	*****	1364.1
3-	27-81		86	*****	*****	*****	13.5	1015.6	*****	1390.2
3-	28-81		87	*****	*****	*****	13.1	1016.9	*****	1348.9
3-	29-81		88	*****	*****	*****	12.3	1017.5	*****	1116.1
3-	30-81		89	*****	*****	*****	11.4	1019.1	*****	1391.2
3-	31-81		90	*****	*****	*****	11.8	1017.9	*****	1348.1

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
4-	1-	81	91	*****	*****	*****	11.9	1015.1	*****	1297.8
4-	2-	81	92	*****	*****	*****	11.6	1011.8	*****	1394.1
4-	3-	81	93	*****	*****	*****	11.8	1018.2	*****	1428.9
4-	4-	81	94	*****	*****	*****	13.0	1024.4	*****	1424.7
4-	5-	81	95	*****	*****	*****	13.8	1022.6	*****	1474.1
4-	6-	81	96	*****	*****	*****	12.5	1015.1	*****	1435.2
4-	7-	81	97	*****	*****	*****	12.0	1013.4	*****	1352.4
4-	8-	81	98	*****	*****	*****	12.6	1016.4	*****	1406.1
4-	9-	81	99	*****	*****	*****	12.6	1016.1	*****	1402.8
4-	10-	81	100	*****	*****	*****	11.4	1014.8	*****	1410.0
4-	11-	81	101	*****	*****	*****	11.4	1018.9	*****	1458.0
4-	12-	81	102	*****	*****	*****	11.9	1018.7	*****	1462.2
4-	13-	81	103	*****	*****	*****	13.1	1017.3	*****	1458.5
4-	14-	81	104	*****	*****	*****	12.2	1017.0	*****	*****
4-	15-	81	105	4.0	9.0	267.5	12.3	1020.1	*****	1246.9
4-	16-	81	106	1.7	9.9	264.9	14.2	1019.9	*****	1165.6
4-	17-	81	107	4.0	10.4	252.5	12.9	1014.8	*****	1110.2
4-	18-	81	108	5.1	10.4	217.9	12.2	1010.9	*****	213.4
4-	19-	81	109	6.0	11.3	253.8	12.3	1016.5	*****	861.8
4-	20-	81	110	4.0	10.4	259.4	13.1	1020.8	*****	1210.7
4-	21-	81	111	2.2	9.6	235.2	13.7	1017.1	*****	1336.5
4-	22-	81	112	1.4	7.5	268.8	17.4	1013.4	*****	1379.7
4-	23-	81	113	3.8	12.2	272.1	14.7	1013.3	*****	1348.5
4-	24-	81	114	4.1	9.6	242.9	13.5	1015.1	*****	961.3
4-	25-	81	115	4.9	11.3	250.9	12.2	1013.6	*****	607.1
4-	26-	81	116	5.9	10.7	263.0	12.9	1016.6	*****	1485.3
4-	27-	81	117	1.9	9.3	237.8	14.4	1018.4	*****	1474.1
4-	28-	81	118	1.5	9.0	250.9	19.4	1014.5	*****	1473.0
4-	29-	81	119	2.0	9.3	266.2	21.4	1010.2	*****	1441.9
4-	30-	81	120	3.5	11.3	295.9	17.6	1012.1	*****	1410.5

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			WIND SPEED		DIRECTION TEMP		PRESSURE		IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
5-	1-	81	121	4.7	14.0	254.5	14.1	1014.4	*****	1431.1
5-	2-	81	122	5.8	12.2	249.9	13.4	1012.2	*****	1526.0
5-	3-	81	123	3.8	11.3	244.2	13.4	1011.8	*****	1439.0
5-	4-	81	124	4.6	12.2	244.2	13.0	1014.4	*****	1493.9
5-	5-	81	125	3.6	10.7	228.6	13.3	1015.8	*****	1442.1
5-	6-	81	126	3.6	12.8	264.4	14.0	1017.7	*****	1517.0
5-	7-	81	127	2.5	9.6	255.6	13.6	1016.1	*****	1500.6
5-	8-	81	128	3.6	11.3	243.4	15.9	1018.3	*****	1462.1
5-	9-	81	129	2.0	10.4	253.6	14.5	1017.7	*****	1454.9
5-	10-	81	130	3.0	10.7	248.7	14.7	1013.2	*****	1482.7
5-	11-	81	131	2.3	10.4	255.1	17.3	1010.2	*****	1470.7
5-	12-	81	132	3.3	11.3	296.0	14.9	1010.7	*****	1455.0
5-	13-	81	133	2.9	11.6	238.0	14.0	1012.5	*****	1409.8
5-	14-	81	134	8.6	17.6	247.9	13.0	1012.2	*****	1033.6
5-	15-	81	135	8.4	14.3	264.3	13.7	1012.1	*****	1306.1
5-	16-	81	136	6.1	16.4	275.2	13.8	1013.6	*****	1606.3
5-	17-	81	137	3.0	9.9	252.0	14.5	1016.2	*****	1063.6
5-	18-	81	138	4.4	10.4	236.9	15.0	1012.6	*****	921.0
5-	19-	81	139	4.8	9.9	251.9	14.0	1010.6	*****	1550.9
5-	20-	81	140	4.1	10.7	230.2	13.8	1012.7	*****	1597.0
5-	21-	81	141	4.6	9.6	225.9	13.4	1017.4	*****	1314.6
5-	22-	81	142	3.7	11.0	242.8	15.0	1015.4	*****	1635.0
5-	23-	81	143	4.3	12.5	246.4	15.5	1013.2	*****	1598.1
5-	24-	81	144	2.7	10.7	245.2	15.5	1012.8	*****	1095.2
5-	25-	81	145	2.5	7.8	242.7	16.9	1012.7	*****	945.0
5-	26-	81	146	3.1	9.0	276.3	15.5	1011.7	*****	1521.7
5-	27-	81	147	3.5	10.7	268.3	14.9	1011.9	*****	1437.3
5-	28-	81	148	4.0	10.7	259.9	14.6	1012.7	*****	1470.0
5-	29-	81	149	4.8	9.6	244.5	14.0	1013.5	*****	1307.5
5-	30-	81	150	4.6	11.6	236.1	14.6	1013.3	*****	1190.1
5-	31-	81	151	3.3	10.4	265.2	15.8	1009.9	*****	1668.7

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	DAY	AVERAGE	MAXIMUM			VISIBLE	TOTAL
					(M/SEC)	(M/SEC)	(TRUE NO)	(C)	(MB)	MICRO EINST/M**2/SEC
6-	1-	81	152		5.2	11.9	246.0	14.0	1010.1	1346.4
6-	2-	81	153		4.4	10.7	245.7	15.6	1011.9	1712.5
6-	3-	81	154		3.1	8.7	238.0	16.7	1012.6	1786.4
6-	4-	81	155		1.7	7.2	252.1	20.0	1010.4	*****
6-	5-	81	156		2.7	10.4	266.7	18.8	1009.0	1816.9
6-	6-	81	157		3.4	23.9	251.8	16.9	1012.0	1855.5
6-	7-	81	158		4.5	11.3	253.7	17.1	1014.2	1785.5
6-	8-	81	159		4.8	10.7	251.7	18.2	1015.9	1643.4
6-	9-	81	160		5.8	12.5	250.9	16.6	1014.9	1784.4
6-	10-	81	161		4.1	10.4	241.4	17.2	1012.0	1738.0
6-	11-	81	162		4.6	11.9	247.1	16.4	1011.5	1724.0
6-	12-	81	163		7.3	13.4	269.1	16.3	1016.9	1858.0
6-	13-	81	164		6.7	19.1	276.8	16.7	1019.3	1925.3
6-	14-	81	165		3.2	13.4	269.5	18.9	1016.8	1928.3
6-	15-	81	166		1.7	11.3	274.6	22.0	1016.0	1823.2
6-	16-	81	167		3.1	11.6	249.8	20.4	1015.1	1707.7
6-	17-	81	168		2.5	10.1	259.4	19.2	1013.1	1785.3
6-	18-	81	169		2.4	9.6	248.4	20.7	1010.9	1766.8
6-	19-	81	170		2.9	9.9	246.3	22.3	1010.3	1731.7
6-	20-	81	171		2.7	9.3	253.2	21.3	1011.5	1796.3
6-	21-	81	172		1.9	6.9	264.2	23.4	1011.1	1818.1
6-	22-	81	173		2.8	10.1	261.9	21.8	1010.3	1888.3
6-	23-	81	174		3.4	10.1	240.4	17.4	1011.0	1881.5
6-	24-	81	175		4.3	13.7	273.7	16.4	1011.1	1842.8
6-	25-	81	176		3.1	10.1	268.5	16.6	1013.1	1699.4
6-	26-	81	177		4.7	15.5	241.4	17.0	1011.7	1727.0
6-	27-	81	178		*****	*****	*****	17.2	1006.8	*****
6-	28-	81	179		*****	*****	*****	16.3	1008.7	*****
6-	29-	81	180		*****	*****	*****	15.3	1013.1	*****
6-	30-	81	181		*****	*****	*****	14.7	1013.3	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION THREE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
7-	1-	81	182	*****	*****	*****	15.3	1011.2	*****	*****
7-	2-	81	183	*****	*****	*****	15.9	1011.0	*****	*****
7-	3-	81	184	*****	*****	*****	16.3	1014.5	*****	*****
7-	4-	81	185	*****	*****	*****	17.8	1014.7	*****	*****
7-	5-	81	186	*****	*****	*****	19.4	1012.7	*****	*****
7-	6-	81	187	*****	*****	*****	16.0	1011.7	*****	*****
7-	7-	81	188	*****	*****	*****	18.7	1011.7	*****	*****
7-	8-	81	189	*****	*****	*****	19.8	1012.5	*****	*****
7-	9-	81	190	*****	*****	*****	16.1	1014.7	*****	*****
7-	10-	81	191	*****	*****	*****	16.0	1014.0	*****	*****
7-	11-	81	192	*****	*****	*****	15.0	1013.8	*****	*****
7-	12-	81	193	*****	*****	*****	15.2	1015.1	*****	*****
7-	13-	81	194	*****	*****	*****	18.7	1014.3	*****	*****
7-	14-	81	195	*****	*****	*****	20.2	1011.8	*****	*****
7-	15-	81	196	*****	*****	*****	14.6	1011.2	*****	*****
7-	16-	81	197	*****	*****	*****	13.7	1011.4	*****	*****
7-	17-	81	198	*****	*****	*****	13.9	1012.6	*****	*****
7-	18-	81	199	*****	*****	*****	14.7	1013.4	*****	*****
7-	19-	81	200	*****	*****	*****	15.3	1013.8	*****	*****
7-	20-	81	201	*****	*****	*****	15.3	1014.9	*****	*****
7-	21-	81	202	*****	*****	*****	15.0	1013.4	*****	*****
7-	22-	81	203	*****	*****	*****	14.7	1012.4	*****	*****
7-	23-	81	204	*****	*****	*****	*****	*****	*****	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION FOUR

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
12-	1-79		335	*****	*****	*****	****	*****	*****	*****
12-	2-79		336	*****	*****	*****	****	*****	*****	*****
12-	3-79		337	*****	*****	*****	****	*****	*****	*****
12-	4-79		338	*****	*****	*****	****	*****	*****	*****
12-	5-79		339	*****	*****	*****	****	*****	*****	*****
12-	6-79		340	*****	*****	*****	****	*****	*****	*****
12-	7-79		341	2.6	10.4	64.5	14.3	*****	*****	*****
12-	8-79		342	1.0	8.7	97.0	12.8	*****	*****	*****
12-	9-79		343	1.2	5.7	249.2	11.3	*****	*****	*****
12-	10-79		344	1.2	10.4	358.6	12.1	*****	*****	*****
12-	11-79		345	3.8	11.9	14.3	12.8	*****	*****	*****
12-	12-79		346	1.6	5.7	343.4	8.9	*****	*****	*****
12-	13-79		347	1.5	6.6	19.6	9.4	*****	*****	*****
12-	14-79		348	1.7	4.2	334.0	9.3	*****	*****	*****
12-	15-79		349	1.9	8.7	48.1	10.1	*****	*****	*****
12-	16-79		350	2.2	9.6	52.2	10.6	*****	*****	*****
12-	17-79		351	4.2	10.1	69.7	10.6	*****	*****	*****
12-	18-79		352	2.5	9.6	64.8	9.7	*****	*****	*****
12-	19-79		353	4.7	11.0	75.1	10.4	*****	*****	*****
12-	20-79		354	2.2	9.9	146.5	11.3	*****	*****	*****
12-	21-79		355	2.9	12.5	276.3	11.6	*****	*****	*****
12-	22-79		356	1.4	6.9	350.2	9.4	*****	*****	*****
12-	23-79		357	8.8	20.6	150.4	10.3	*****	*****	*****
12-	24-79		358	5.5	17.3	160.9	11.0	*****	*****	*****
12-	25-79		359	2.3	12.8	167.1	10.5	*****	*****	*****
12-	26-79		360	3.5	7.5	330.8	9.9	*****	*****	*****
12-	27-79		361	7.7	13.7	88.5	7.3	*****	*****	*****
12-	28-79		362	6.5	10.4	86.9	8.0	*****	*****	*****
12-	29-79		363	7.4	13.7	86.4	7.6	*****	*****	*****
12-	30-79		364	3.8	13.7	143.7	12.1	*****	*****	*****
12-	31-79		365	4.9	14.3	203.0	13.4	*****	*****	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION FOUR

DATE			WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)			VISIBLE MICRO	TOTAL EINST/M**2/SEC
1-	1-	80	1	1.2	6.6	8.5	10.4	*****	*****
1-	2-	80	2	1.2	3.6	319.9	7.7	*****	*****
1-	3-	80	3	4.6	8.4	86.7	10.2	*****	*****
1-	4-	80	4	5.9	11.3	87.2	9.7	*****	*****
1-	5-	80	5	2.4	8.7	80.5	10.7	*****	*****
1-	6-	80	6	1.3	5.1	359.7	10.9	*****	*****
1-	7-	80	7	0.3	3.6	20.8	10.0	*****	*****
1-	8-	80	8	1.9	7.5	77.1	11.2	*****	*****
1-	9-	80	9	0.3	11.0	9.0	11.2	*****	*****
1-	10-	80	10	1.1	14.3	46.2	9.5	*****	*****
1-	11-	80	11	5.2	16.4	129.5	11.1	*****	*****
1-	12-	80	12	8.3	20.3	205.3	15.8	*****	*****
1-	13-	80	13	8.1	20.9	213.3	15.4	*****	*****
1-	14-	80	14	4.6	15.2	209.7	14.0	*****	*****
1-	15-	80	15	1.9	8.4	88.9	11.6	*****	*****
1-	16-	80	16	4.0	11.9	202.8	13.9	*****	*****
1-	17-	80	17	2.9	8.7	258.7	12.4	*****	*****
1-	18-	80	18	6.0	13.4	342.4	10.2	*****	*****
1-	19-	80	19	1.4	9.6	311.3	9.5	*****	*****
1-	20-	80	20	1.2	6.6	9.1	9.2	*****	*****
1-	21-	80	21	1.3	3.9	334.8	8.5	*****	*****
1-	22-	80	22	2.1	9.0	57.9	10.2	*****	*****
1-	23-	80	23	2.7	9.6	55.5	9.2	*****	*****
1-	24-	80	24	4.9	9.3	67.7	7.2	*****	*****
1-	25-	80	25	5.1	10.4	71.5	6.8	*****	*****
1-	26-	80	26	4.1	9.9	62.9	6.7	*****	*****
1-	27-	80	27	1.1	4.8	318.1	8.7	*****	*****
1-	28-	80	28	2.5	6.0	317.5	6.9	*****	*****
1-	29-	80	29	2.5	9.0	321.1	6.5	*****	*****
1-	30-	80	30	2.4	11.3	51.0	7.2	*****	*****
1-	31-	80	31	4.7	11.9	82.9	9.8	*****	*****

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DAILY AVERAGES FOR METEOROLOGICAL STATION FOUR										
DATE			JULIAN	WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
2-	1-	80	32	2.0	6.6	57.9	10.9	*****	*****	*****
2-	2-	80	33	1.2	5.7	18.6	10.5	*****	*****	*****
2-	3-	80	34	1.8	8.7	66.4	11.0	*****	*****	*****
2-	4-	80	35	2.4	8.7	52.3	10.9	*****	*****	*****
2-	5-	80	36	1.9	8.7	65.9	11.1	*****	*****	*****
2-	6-	80	37	3.1	12.5	331.9	12.8	*****	*****	*****
2-	7-	80	38	6.6	16.4	351.5	13.7	*****	*****	*****
2-	8-	80	39	1.0	13.1	323.7	13.2	*****	*****	*****
2-	9-	80	40	1.6	8.7	45.7	10.2	*****	*****	*****
2-	10-	80	41	1.2	5.1	318.3	10.3	*****	*****	*****
2-	11-	80	42	0.8	7.9	283.9	10.0	*****	*****	*****
2-	12-	80	43	1.7	8.1	1.4	10.8	*****	*****	*****
2-	13-	80	44	3.7	27.3	348.8	13.8	*****	*****	*****
2-	14-	80	45	4.3	17.7	99.1	12.2	*****	*****	*****
2-	15-	80	46	5.3	18.9	150.3	14.2	*****	*****	*****
2-	16-	80	47	8.2	18.9	148.2	16.4	*****	*****	*****
2-	17-	80	48	*****	*****	*****	*****	*****	*****	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION FOUR

DATE			JULIAN	WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
				(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
3-	1-80		61	*****	*****	*****	*****	*****	*****	*****
3-	2-80		62	*****	*****	*****	*****	*****	*****	*****
3-	3-80		63	*****	*****	*****	*****	*****	*****	*****
3-	4-80		64	*****	*****	*****	*****	*****	*****	*****
3-	5-80		65	*****	*****	*****	*****	*****	*****	*****
3-	6-80		66	*****	*****	*****	*****	*****	*****	*****
3-	7-80		67	1.6	6.6	48.7	11.8	*****	*****	*****
3-	8-80		68	1.8	7.2	63.8	12.8	*****	*****	*****
3-	9-80		69	1.1	5.1	2.5	13.0	*****	*****	*****
3-	10-80		70	2.8	12.2	288.5	12.9	*****	*****	*****
3-	11-80		71	8.2	17.3	286.1	12.5	*****	*****	*****
3-	12-80		72	3.4	11.0	307.6	10.6	*****	*****	*****
3-	13-80		73	2.3	9.0	195.2	12.3	*****	*****	*****
3-	14-80		74	4.9	11.3	206.0	13.2	*****	*****	*****
3-	15-80		75	6.1	11.9	296.9	10.9	*****	*****	*****
3-	16-80		76	2.7	9.9	300.0	11.2	*****	*****	*****
3-	17-80		77	3.6	11.9	287.4	11.2	*****	*****	*****
3-	18-80		78	7.0	12.8	327.0	12.6	*****	*****	*****
3-	19-80		79	1.8	10.7	274.0	14.5	*****	*****	*****
3-	20-80		80	6.6	14.3	275.8	11.8	*****	*****	*****
3-	21-80		81	4.1	13.4	303.8	11.8	*****	*****	*****
3-	22-80		82	4.7	12.5	321.0	14.8	*****	*****	*****
3-	23-80		83	0.9	7.2	298.0	14.5	*****	*****	*****
3-	24-80		84	6.7	12.8	297.8	13.2	*****	*****	*****
3-	25-80		85	2.6	16.4	339.6	10.4	*****	*****	*****
3-	26-80		86	3.3	13.4	256.0	11.4	*****	*****	*****
3-	27-80		87	3.0	9.6	288.8	12.3	*****	*****	*****
3-	28-80		88	1.9	8.1	292.0	14.6	*****	*****	*****
3-	29-80		89	1.3	9.3	260.1	13.9	*****	*****	*****
3-	30-80		90	6.2	17.6	318.0	14.4	*****	*****	*****
3-	31-80		91	7.9	18.5	300.7	13.0	*****	*****	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION FOUR

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
4-	1-	80	92	6.2	15.8	290.3	11.9	*****	*****	*****
4-	2-	80	93	3.7	12.5	259.9	12.0	*****	*****	*****
4-	3-	80	94	3.1	10.1	229.8	11.6	*****	*****	*****
4-	4-	80	95	4.9	14.0	165.9	12.2	*****	121.1	197.9
4-	5-	80	96	6.0	17.0	231.6	13.7	*****	414.0	825.2
4-	6-	80	97	5.2	12.5	264.9	12.8	*****	494.4	993.0
4-	7-	80	98	2.1	7.5	319.0	12.3	*****	566.5	1111.1
4-	8-	80	99	2.1	7.8	317.8	12.7	*****	526.4	1068.5
4-	9-	80	100	3.4	11.9	238.4	13.8	*****	535.0	1056.2
4-	10-	80	101	2.2	8.1	298.8	14.4	*****	655.1	1308.8
4-	11-	80	102	1.6	9.3	9.1	17.1	*****	615.2	1227.0
4-	12-	80	103	0.7	8.4	209.9	16.5	*****	660.8	1315.2
4-	13-	80	104	2.6	14.3	208.0	14.8	*****	603.3	1253.4
4-	14-	80	105	3.2	10.7	266.1	14.3	*****	558.2	1124.5
4-	15-	80	106	1.4	6.9	311.9	15.1	*****	628.5	1282.2
4-	16-	80	107	0.8	7.2	287.9	15.2	*****	603.2	1235.4
4-	17-	80	108	2.3	10.7	257.0	12.9	*****	568.5	1184.7
4-	18-	80	109	2.7	10.4	261.6	15.0	*****	618.9	1215.5
4-	19-	80	110	3.1	10.4	234.6	15.4	*****	659.1	1315.9
4-	20-	80	111	5.6	19.7	244.9	13.1	*****	291.5	582.9
4-	21-	80	112	3.9	13.1	301.3	10.6	*****	453.2	907.6
4-	22-	80	113	2.1	8.4	275.7	11.9	*****	256.9	445.6
4-	23-	80	114	2.9	12.2	249.6	13.4	*****	438.0	806.5
4-	24-	80	115	2.8	11.6	269.0	13.8	*****	692.9	1352.5
4-	25-	80	116	2.7	9.9	253.5	12.8	*****	659.3	1301.5
4-	26-	80	117	2.7	10.7	239.0	13.7	*****	670.3	1350.7
4-	27-	80	118	2.6	10.1	198.0	14.8	*****	602.0	1208.8
4-	28-	80	119	5.4	14.9	226.3	13.3	*****	300.0	531.6
4-	29-	80	120	2.2	8.7	211.4	14.5	*****	568.6	1121.9
4-	30-	80	121	6.9	15.2	187.7	14.4	*****	687.3	1423.4

DAILY AVERAGES FOR METEOROLOGICAL STATION FOUR

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
5-	1-	80	122	3.7	12.5	238.9	14.9	*****	676.3	1376.3
5-	2-	80	123	2.7	9.9	206.5	13.3	*****	561.7	1120.9
5-	3-	80	124	2.3	10.7	211.5	13.3	*****	631.0	1293.1
5-	4-	80	125	2.8	9.6	270.4	13.9	*****	671.6	1365.5
5-	5-	80	126	5.0	13.4	275.7	14.8	*****	618.0	1258.6
5-	6-	80	127	5.2	13.1	263.3	14.7	*****	685.3	1424.1
5-	7-	80	128	3.8	12.8	237.0	15.2	*****	711.5	1456.8
5-	8-	80	129	5.8	16.7	240.0	13.5	*****	594.4	1199.5
5-	9-	80	130	5.9	15.2	244.8	12.7	*****	247.9	486.2
5-	10-	80	131	3.9	11.3	269.7	12.1	*****	660.7	1401.6
5-	11-	80	132	3.7	13.1	241.3	12.9	*****	629.2	1319.2
5-	12-	80	133	3.3	9.9	259.8	13.5	*****	449.2	906.1
5-	13-	80	134	3.7	11.6	249.2	13.1	*****	326.6	618.4
5-	14-	80	135	5.0	13.4	242.7	13.4	*****	704.0	1458.3
5-	15-	80	136	5.1	11.3	238.1	13.5	*****	715.5	1489.3
5-	16-	80	137	4.6	11.3	211.8	14.6	*****	665.8	1372.0
5-	17-	80	138	3.7	10.1	189.7	15.8	*****	719.6	1508.1
5-	18-	80	139	5.0	10.4	185.7	15.0	*****	690.6	1487.3
5-	19-	80	140	4.4	10.4	180.7	15.0	*****	624.3	1324.0
5-	20-	80	141	5.4	14.0	178.7	16.3	*****	678.1	1457.6
5-	21-	80	142	6.9	18.2	234.6	14.9	*****	685.5	1474.0
5-	22-	80	143	9.1	17.9	277.4	14.0	*****	697.3	1558.2
5-	23-	80	144	9.7	16.7	297.5	12.2	*****	*****	*****
5-	24-	80	145	6.3	13.1	285.4	12.5	*****	647.2	1349.8
5-	25-	80	146	3.6	11.0	244.1	12.6	*****	730.6	1501.5
5-	26-	80	147	4.0	11.3	214.3	12.8	*****	665.9	1379.5
5-	27-	80	148	5.0	13.1	217.1	12.7	*****	660.2	1347.4
5-	28-	80	149	4.7	11.0	255.6	13.0	*****	591.2	1200.9
5-	29-	80	150	2.5	9.3	209.3	13.7	*****	678.4	1392.1
5-	30-	80	151	5.9	15.2	212.0	12.5	*****	621.3	1274.2
5-	31-	80	152	5.2	11.6	215.0	14.0	*****	685.7	1421.4

DAILY AVERAGES FOR METEOROLOGICAL STATION FOUR

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
6-	1-	80	153	5.8	14.6	214.5	13.0	*****	483.6	982.9
6-	2-	80	154	5.9	14.3	247.5	13.3	*****	705.2	1464.0
6-	3-	80	155	4.9	11.6	240.2	13.4	*****	724.4	1499.3
6-	4-	80	156	4.6	11.6	224.8	13.4	*****	595.9	1238.8
6-	5-	80	157	3.8	13.4	260.5	13.0	*****	720.7	1518.4
6-	6-	80	158	4.4	10.7	269.5	13.7	*****	*****	*****
6-	7-	80	159	3.1	9.9	263.1	15.0	*****	717.3	1493.0
6-	8-	80	160	3.8	13.4	264.9	15.8	*****	719.7	1506.4
6-	9-	80	161	4.9	12.2	235.3	15.7	*****	726.5	1517.6
6-	10-	80	162	5.9	14.3	236.1	14.2	*****	717.1	1521.7
6-	11-	80	163	6.6	12.8	270.2	14.1	*****	663.0	1385.8
6-	12-	80	164	5.0	11.3	278.7	14.5	*****	668.4	1385.8
6-	13-	80	165	4.1	12.5	235.2	14.4	*****	673.2	1387.2
6-	14-	80	166	3.7	10.1	243.4	15.3	*****	719.5	1484.7
6-	15-	80	167	3.1	10.1	211.3	16.9	*****	722.6	1495.4
6-	16-	80	168	6.1	11.6	185.4	14.9	*****	707.1	1471.4
6-	17-	80	169	7.5	13.1	181.4	15.3	*****	717.0	1485.1
6-	18-	80	170	7.8	14.9	190.4	12.8	*****	617.7	1285.0
6-	19-	80	171	5.7	14.9	218.9	13.3	*****	681.4	1433.5
6-	20-	80	172	5.0	11.6	234.4	14.8	*****	709.0	1506.3
6-	21-	80	173	6.5	16.4	245.8	15.8	*****	725.3	1544.2
6-	22-	80	174	6.3	14.0	264.6	15.4	*****	720.9	1502.8
6-	23-	80	175	4.8	15.5	274.5	15.8	*****	725.3	1509.9
6-	24-	80	176	4.6	10.7	244.9	16.2	*****	713.9	1461.1
6-	25-	80	177	4.5	11.3	275.0	16.3	*****	718.7	1506.3
6-	26-	80	178	2.2	7.8	245.7	17.8	*****	723.3	1515.4
6-	27-	80	179	0.9	6.6	280.0	21.4	*****	665.3	1361.3
6-	28-	80	180	4.2	13.4	167.0	18.6	*****	718.4	1487.7
6-	29-	80	181	3.9	11.6	191.1	14.8	*****	501.9	1015.7
6-	30-	80	182	4.0	13.7	181.6	15.3	*****	649.2	1347.5

DAILY AVERAGES FOR METEOROLOGICAL STATION FOUR

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	DAY	AVERAGE	MAXIMUM			VISIBLE	TOTAL
					(M/SEC)	(M/SEC)	(TRUE NO)	(C)	(MB)	MICRO EINST/M**2/SEC
7-	1-	80	183		3.6	14.3	202.6	14.1	*****	399.4 778.3
7-	2-	80	184		1.7	12.2	217.6	14.7	*****	***** 890.0
7-	3-	80	185		4.0	12.2	261.2	14.7	*****	673.6 1361.7
7-	4-	80	186		5.6	13.4	251.4	15.3	*****	730.3 1518.7
7-	5-	80	187		4.6	13.4	246.1	15.4	*****	722.6 1487.2
7-	6-	80	188		5.7	14.9	251.6	15.2	*****	702.8 1467.9
7-	7-	80	189		4.7	13.4	274.7	15.2	*****	707.8 1476.0
7-	8-	80	190		5.1	10.4	253.9	15.9	*****	623.4 1288.4
7-	9-	80	191		2.5	11.3	276.7	16.4	*****	675.6 1383.5
7-	10-	80	192		2.2	9.3	224.1	18.1	*****	714.4 1481.1
7-	11-	80	193		4.8	12.5	201.4	15.7	*****	695.0 1464.0
7-	12-	80	194		5.5	11.6	224.3	15.8	*****	713.4 1460.4
7-	13-	80	195		6.7	13.7	190.0	14.8	*****	628.5 1286.5
7-	14-	80	196		5.0	11.9	184.1	14.8	*****	597.7 1221.2
7-	15-	80	197		5.0	9.6	178.9	16.4	*****	636.8 1311.3
7-	16-	80	198		3.4	11.9	192.2	15.9	*****	672.2 1377.1
7-	17-	80	199		4.6	11.9	184.2	15.2	*****	590.7 1218.5
7-	18-	80	200		6.8	14.0	188.0	14.6	*****	*****
7-	19-	80	201		7.4	14.0	191.8	15.5	1008.9	658.2 1362.4
7-	20-	80	202		4.6	15.2	192.7	16.2	1009.4	607.7 1254.7
7-	21-	80	203		2.3	11.0	198.8	16.7	1011.4	655.6 1340.4
7-	22-	80	204		5.1	13.4	182.5	16.0	1011.5	658.2 1360.5
7-	23-	80	205		7.3	13.1	181.3	15.5	1009.2	630.2 1308.6
7-	24-	80	206		6.3	11.9	191.1	16.3	1007.6	652.3 1337.0
7-	25-	80	207		4.5	13.7	174.8	18.6	1006.5	688.6 1425.5
7-	26-	80	208		3.5	14.0	171.9	18.5	1007.2	687.2 1397.4
7-	27-	80	209		4.1	11.9	178.6	18.9	1006.5	675.1 1365.2
7-	28-	80	210		3.7	11.9	172.9	18.9	1005.8	636.3 1268.5
7-	29-	80	211		2.9	11.3	172.3	18.6	1007.8	677.9 1364.9
7-	30-	80	212		3.0	12.2	172.8	19.2	1010.0	683.2 1367.2
7-	31-	80	213		3.4	11.6	178.0	20.3	1011.0	646.4 1281.4

DAILY AVERAGES FOR METEOROLOGICAL STATION FOUR									
DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM				
			DAY	(M/SEC)	(M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO EINST/M**2/SEC
8-	1-	80	214	4.1	10.4	174.8	20.6	1010.6	683.6
8-	2-	80	215	5.1	12.5	192.7	18.1	1009.4	673.8
8-	3-	80	216	6.6	14.0	201.6	16.8	1006.6	670.8
8-	4-	80	217	7.5	14.3	208.1	15.5	1005.4	559.3
8-	5-	80	218	5.2	12.5	213.1	16.1	1007.3	518.7
8-	6-	80	219	3.7	11.3	196.1	15.7	1008.7	565.6
8-	7-	80	220	2.9	11.3	186.9	16.2	1008.3	599.2
8-	8-	80	221	3.8	10.7	195.2	15.2	1007.1	556.9
8-	9-	80	222	2.3	9.9	191.4	15.5	1007.0	552.8
8-	10-	80	223	1.9	9.9	188.2	15.5	1007.5	541.4
8-	11-	80	224	5.0	12.2	186.7	16.0	1006.8	601.0
8-	12-	80	225	7.1	13.4	183.7	15.3	1006.1	632.7
8-	13-	80	226	6.7	14.3	214.6	13.6	1007.0	476.0
8-	14-	80	227	6.6	14.3	195.8	13.6	1007.0	409.5
8-	15-	80	228	6.9	14.0	206.6	14.7	1008.8	585.4
8-	16-	80	229	7.2	14.9	203.5	14.5	1009.2	573.0
8-	17-	80	230	6.5	15.8	205.2	14.5	1008.2	534.1
8-	18-	80	231	8.0	18.2	216.1	14.6	1006.6	575.5
8-	19-	80	232	3.8	13.1	232.1	17.7	1012.0	598.0
8-	20-	80	233	2.2	9.6	217.1	17.6	1013.7	600.9
8-	21-	80	234	2.5	10.7	204.9	15.0	1010.8	543.5
8-	22-	80	235	5.7	31.0	212.0	14.1	1007.9	518.5
8-	23-	80	236	3.8	13.4	227.8	15.5	1011.2	536.4
8-	24-	80	237	3.5	27.5	199.5	15.0	1013.0	667.4
8-	25-	80	238	2.9	13.1	201.1	14.8	1013.6	534.2
8-	26-	80	239	2.9	11.6	211.2	14.5	1013.3	507.1
8-	27-	80	240	4.1	22.1	213.7	15.2	1012.6	625.1
8-	28-	80	241	5.7	44.2	209.1	14.8	1012.8	684.5
8-	29-	80	242	3.5	18.5	231.5	16.4	1015.0	687.2
8-	30-	80	243	3.7	19.1	213.1	16.9	1014.6	805.2
8-	31-	80	244	5.4	33.4	200.2	15.8	1010.6	735.9

DAILY AVERAGES FOR METEOROLOGICAL STATION FOUR

DATE			WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	AVERAGE	MAXIMUM				VISIBLE	TOTAL
			(M/SEC)	(M/SEC)	(TRUE ND)	(C)	(MB)	MICRO EINST/M**2/SEC	
9-	1-80	245	4.3	45.4	198.7	15.3	1009.7	790.4	923.6
9-	2-80	246	4.4	11.6	205.0	15.0	1009.8	480.7	982.5
9-	3-80	247	4.8	12.8	198.6	15.2	1010.0	488.3	931.5
9-	4-80	248	2.7	12.2	193.2	15.5	1012.0	539.5	954.6
9-	5-80	249	2.3	12.8	232.9	15.1	1012.8	*****	*****
9-	6-80	250	3.3	10.1	231.4	15.5	1012.2	529.6	1038.2
9-	7-80	251	3.5	11.0	205.4	16.9	1008.4	455.4	893.3
9-	8-80	252	4.1	13.7	198.6	15.7	1010.3	481.6	991.5
9-	9-80	253	2.4	11.0	226.7	15.8	1012.2	481.3	1006.7
9-	10-80	254	3.9	10.7	231.8	15.9	1013.4	422.3	816.5
9-	11-80	255	1.9	9.3	220.7	15.7	1011.9	454.5	900.7
9-	12-80	256	5.3	12.5	215.2	15.6	1008.5	431.1	861.7
9-	13-80	257	7.9	17.6	253.3	15.9	1006.9	538.1	1083.3
9-	14-80	258	2.3	10.1	245.5	15.8	1011.7	450.9	893.8
9-	15-80	259	1.6	7.5	317.5	17.6	1011.1	482.6	923.6
9-	16-80	260	1.9	9.3	212.7	17.0	1012.4	529.2	1050.3
9-	17-80	261	1.7	9.3	267.7	17.8	1010.9	409.0	778.7
9-	18-80	262	2.4	10.1	253.8	17.7	1013.3	276.5	551.9
9-	19-80	263	3.1	10.7	256.4	17.3	1015.0	476.0	967.0
9-	20-80	264	4.9	14.0	256.2	16.8	1010.8	503.8	972.8
9-	21-80	265	2.4	8.7	206.1	18.1	1010.4	500.3	950.2
9-	22-80	266	0.5	6.6	233.5	19.0	1011.5	479.5	938.3
9-	23-80	267	0.8	6.0	207.8	19.6	1010.1	495.6	950.8
9-	24-80	268	2.4	8.4	186.9	19.1	1007.0	485.4	942.0
9-	25-80	269	1.3	10.1	236.9	16.4	1006.4	469.6	939.3
9-	26-80	270	3.2	12.2	233.7	15.4	1009.5	382.5	747.3
9-	27-80	271	4.0	12.8	282.5	16.0	1010.7	342.9	651.7
9-	28-80	272	3.4	9.9	215.0	18.0	1010.5	463.7	868.6
9-	29-80	273	0.6	6.3	324.0	19.5	1011.2	424.6	714.2
9-	30-80	274	0.9	6.0	331.0	21.9	1011.4	434.2	767.2

DAILY AVERAGES FOR METEOROLOGICAL STATION FOUR

DATE			WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)				
					(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
10-	1-	80	275	0.7	6.9	350.0	23.7	1010.0	434.8 843.4
10-	2-	80	276	1.1	6.6	326.5	24.5	1009.7	*****
10-	3-	80	277	1.7	7.8	205.8	21.2	1009.8	445.4 853.3
10-	4-	80	278	3.8	11.3	215.3	19.0	1009.6	396.5 800.3
10-	5-	80	279	2.1	11.6	233.3	16.1	1012.4	316.2 622.4
10-	6-	80	280	1.3	7.8	227.0	16.7	1013.7	361.8 687.2
10-	7-	80	281	2.0	11.0	215.1	17.1	1012.5	396.2 820.7
10-	8-	80	282	2.2	11.3	229.0	16.9	1009.4	363.4 766.6
10-	9-	80	283	3.1	11.0	238.5	16.2	1007.8	396.1 800.8
10-	10-	80	284	3.3	9.3	309.6	14.8	1011.3	334.6 720.2
10-	11-	80	285	2.4	9.9	265.4	15.2	1012.2	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION FOUR

DATE			WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION		
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
11-	1-	80	306	*****	*****	*****	*****	*****	*****	*****
11-	2-	80	307	*****	*****	*****	*****	*****	*****	*****
11-	3-	80	308	*****	*****	*****	*****	*****	*****	*****
11-	4-	80	309	*****	*****	*****	*****	*****	*****	*****
11-	5-	80	310	*****	*****	*****	*****	*****	*****	*****
11-	6-	80	311	*****	*****	*****	*****	*****	*****	*****
11-	7-	80	312	*****	*****	*****	*****	*****	*****	*****
11-	8-	80	313	*****	*****	*****	*****	*****	*****	*****
11-	9-	80	314	*****	*****	*****	*****	*****	*****	*****
11-	10-	80	315	*****	*****	*****	*****	*****	*****	*****
11-	11-	80	316	*****	*****	*****	*****	*****	*****	*****
11-	12-	80	317	*****	*****	*****	*****	*****	*****	*****
11-	13-	80	318	*****	*****	*****	*****	*****	*****	*****
11-	14-	80	319	*****	*****	*****	*****	*****	*****	*****
11-	15-	80	320	*****	*****	*****	14.2	1017.6	283.6	536.1
11-	16-	80	321	*****	*****	*****	12.4	1018.7	249.4	471.8
11-	17-	80	322	*****	*****	*****	13.4	1020.9	269.6	504.8
11-	18-	80	323	*****	*****	*****	12.2	1021.2	259.7	511.3
11-	19-	80	324	*****	*****	*****	12.3	1020.7	245.3	448.7
11-	20-	80	325	*****	*****	*****	11.6	1019.3	214.3	402.1
11-	21-	80	326	*****	*****	*****	11.3	1018.0	133.1	293.9
11-	22-	80	327	*****	*****	*****	13.1	1015.7	76.3	168.9
11-	23-	80	328	*****	*****	*****	13.6	1019.0	186.8	409.6
11-	24-	80	329	*****	*****	*****	13.9	1024.1	232.8	634.2
11-	25-	80	330	*****	*****	*****	10.7	1024.5	162.0	412.5
11-	26-	80	331	*****	*****	*****	11.2	1024.0	176.5	499.4
11-	27-	80	332	*****	*****	*****	11.6	1023.5	176.2	489.7
11-	28-	80	333	*****	*****	*****	11.4	1017.6	161.0	407.0
11-	29-	80	334	*****	*****	*****	12.5	1013.0	138.6	323.8
11-	30-	80	335	*****	*****	*****	13.0	1011.3	161.4	368.6

DAILY AVERAGES FOR METEOROLOGICAL STATION FOUR

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO EINST/M**2/SEC	
12-	1-	80	336	*****	*****	*****	9.9	1013.6	134.8	296.9
12-	2-	80	337	*****	*****	*****	14.4	1007.9	*****	147.8
12-	3-	80	338	*****	*****	*****	13.8	999.9	*****	67.4
12-	4-	80	339	*****	*****	*****	11.7	1008.1	*****	475.3
12-	5-	80	340	*****	*****	*****	9.7	1013.5	253.5	486.6
12-	6-	80	341	*****	*****	*****	10.0	1013.1	248.3	495.5
12-	7-	80	342	*****	*****	*****	9.8	1015.0	254.6	527.9
12-	8-	80	343	*****	*****	*****	9.8	1021.5	253.4	494.7
12-	9-	80	344	*****	*****	*****	8.4	1024.3	244.8	476.5
12-	10-	80	345	*****	*****	*****	9.3	1025.6	248.5	502.4
12-	11-	80	346	*****	*****	*****	7.9	1020.9	243.3	490.6
12-	12-	80	347	*****	*****	*****	8.2	1015.4	207.5	434.5
12-	13-	80	348	*****	*****	*****	7.9	1020.3	207.2	409.6
12-	14-	80	349	*****	*****	*****	8.4	1024.0	230.3	443.6
12-	15-	80	350	*****	*****	*****	11.1	1020.9	240.6	435.9
12-	16-	80	351	*****	*****	*****	11.2	1015.9	227.2	437.5
12-	17-	80	352	*****	*****	*****	11.8	1013.2	192.7	370.5
12-	18-	80	353	*****	*****	*****	*****	*****	*****	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE MICRO EINST/M**2/SEC
			DAY	(M/SEC)	(M/SEC)				TOTAL
11-	1-79		305	*****	*****	*****	*****	*****	*****
11-	2-79		306	*****	*****	*****	*****	*****	*****
11-	3-79		307	*****	*****	*****	*****	*****	*****
11-	4-79		308	*****	*****	*****	*****	*****	*****
11-	5-79		309	*****	*****	*****	*****	*****	*****
11-	6-79		310	*****	*****	*****	*****	*****	*****
11-	7-79		311	*****	*****	*****	*****	*****	*****
11-	8-79		312	*****	*****	*****	*****	*****	*****
11-	9-79		313	*****	*****	*****	*****	*****	*****
11-	10-79		314	*****	*****	*****	*****	*****	*****
11-	11-79		315	*****	*****	*****	*****	*****	*****
11-	12-79		316	*****	*****	*****	*****	*****	*****
11-	13-79		317	*****	*****	*****	*****	*****	*****
11-	14-79		318	*****	*****	*****	*****	*****	*****
11-	15-79		319	0.7	4.2	102.7	14.4	*****	*****
11-	16-79		320	3.6	10.4	63.0	13.9	*****	*****
11-	17-79		321	5.3	14.3	252.7	14.1	*****	*****
11-	18-79		322	3.6	12.8	264.4	12.9	*****	*****
11-	19-79		323	1.9	15.5	274.2	11.8	*****	*****
11-	20-79		324	1.9	13.1	72.2	12.2	*****	*****
11-	21-79		325	2.6	11.6	55.7	8.7	*****	*****
11-	22-79		326	2.3	11.0	68.5	9.9	*****	*****
11-	23-79		327	1.9	14.3	60.3	10.6	*****	*****
11-	24-79		328	0.1	16.4	205.9	12.6	*****	*****
11-	25-79		329	3.7	11.3	217.4	13.0	*****	*****
11-	26-79		330	1.5	11.0	251.0	11.5	*****	*****
11-	27-79		331	4.1	11.9	76.2	10.8	*****	*****
11-	28-79		332	3.1	10.1	66.5	11.4	*****	*****
11-	29-79		333	0.4	6.3	124.5	11.6	*****	*****
11-	30-79		334	3.2	7.5	225.2	12.5	*****	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
12-	1-	79	335	0.9	5.7	73.5	9.7	*****	*****	*****
12-	2-	79	336	1.0	5.4	77.6	11.6	*****	*****	*****
12-	3-	79	337	2.3	9.0	86.8	11.8	*****	*****	*****
12-	4-	79	338	0.7	7.8	135.8	12.8	*****	*****	*****
12-	5-	79	339	3.4	7.2	224.7	13.7	*****	*****	*****
12-	6-	79	340	1.0	7.2	55.5	13.5	*****	*****	*****
12-	7-	79	341	2.7	9.9	73.1	12.5	*****	*****	*****
12-	8-	79	342	0.9	6.0	74.5	11.9	*****	*****	*****
12-	9-	79	343	3.7	7.2	222.0	12.1	*****	*****	*****
12-	10-	79	344	0.9	7.8	242.6	11.8	*****	*****	*****
12-	11-	79	345	1.2	13.1	340.3	11.6	*****	*****	*****
12-	12-	79	346	1.3	7.5	70.3	8.8	*****	*****	*****
12-	13-	79	347	1.6	5.1	56.0	8.1	*****	*****	*****
12-	14-	79	348	1.7	5.1	58.7	9.0	*****	*****	*****
12-	15-	79	349	2.2	5.7	67.1	9.0	*****	*****	*****
12-	16-	79	350	2.4	7.8	61.8	8.6	*****	*****	*****
12-	17-	79	351	3.1	6.6	83.2	7.1	*****	*****	*****
12-	18-	79	352	1.1	6.6	90.6	6.7	*****	*****	*****
12-	19-	79	353	2.8	7.8	57.3	9.2	*****	*****	*****
12-	20-	79	354	1.7	5.4	62.3	9.1	*****	*****	*****
12-	21-	79	355	3.3	12.8	248.5	11.3	*****	*****	*****
12-	22-	79	356	0.0	3.6	209.3	9.2	*****	*****	*****
12-	23-	79	357	4.4	17.9	113.4	9.5	*****	*****	*****
12-	24-	79	358	4.0	14.0	115.9	10.2	*****	*****	*****
12-	25-	79	359	0.3	7.8	13.8	10.4	*****	*****	*****
12-	26-	79	360	2.9	19.1	228.1	10.0	*****	*****	*****
12-	27-	79	361	5.9	21.5	66.4	5.3	*****	*****	*****
12-	28-	79	362	5.0	19.1	79.3	6.3	*****	*****	*****
12-	29-	79	363	6.9	24.8	54.4	6.1	*****	*****	*****
12-	30-	79	364	2.4	14.3	14.8	9.2	*****	*****	*****
12-	31-	79	365	1.0	11.6	182.1	12.6	*****	*****	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
1-	1-	80	1	1.9	14.6	226.2	10.2	*****	170.8	*****
1-	2-	80	2	0.5	12.8	96.4	8.4	*****	229.0	*****
1-	3-	80	3	4.9	19.1	45.8	8.9	*****	74.6	*****
1-	4-	80	4	4.9	20.9	61.9	8.4	*****	59.1	*****
1-	5-	80	5	3.5	17.9	83.9	10.1	*****	105.4	*****
1-	6-	80	6	2.3	21.8	63.8	10.7	*****	82.3	*****
1-	7-	80	7	0.6	9.6	93.7	8.9	*****	88.9	*****
1-	8-	80	8	1.6	12.5	71.2	10.5	*****	92.6	*****
1-	9-	80	9	1.7	23.9	277.2	11.1	*****	51.3	*****
1-	10-	80	10	1.4	25.7	306.0	9.5	*****	*****	*****
1-	11-	80	11	3.7	29.0	76.2	10.0	*****	58.2	118.7
1-	12-	80	12	8.6	28.7	208.9	17.3	*****	131.0	244.2
1-	13-	80	13	9.4	32.2	203.4	16.4	*****	45.5	72.8
1-	14-	80	14	5.2	26.3	204.2	14.6	*****	186.7	364.1
1-	15-	80	15	1.1	18.5	64.2	11.9	*****	93.5	177.6
1-	16-	80	16	3.9	28.1	197.2	13.7	*****	110.5	213.1
1-	17-	80	17	4.7	20.3	222.3	12.3	*****	121.8	237.7
1-	18-	80	18	5.5	25.7	329.0	10.3	*****	281.6	599.4
1-	19-	80	19	1.0	22.7	80.7	9.3	*****	285.5	587.9
1-	20-	80	20	0.7	13.1	68.3	8.9	*****	289.2	566.8
1-	21-	80	21	0.2	10.4	97.6	8.0	*****	197.9	400.2
1-	22-	80	22	1.7	11.0	56.6	8.2	*****	190.1	390.2
1-	23-	80	23	2.2	14.3	77.3	7.3	*****	110.6	259.5
1-	24-	80	24	3.5	15.5	61.3	6.2	*****	79.0	164.2
1-	25-	80	25	4.6	28.7	62.7	6.0	*****	120.5	264.2
1-	26-	80	26	3.8	17.3	71.1	6.1	*****	51.3	99.0
1-	27-	80	27	1.5	11.9	106.9	8.4	*****	102.9	203.1
1-	28-	80	28	0.1	13.7	144.0	7.8	*****	294.0	680.6
1-	29-	80	29	1.8	38.4	207.7	6.7	*****	300.2	1179.7
1-	30-	80	30	5.4	31.0	66.0	7.6	*****	290.9	1403.5
1-	31-	80	31	3.0	11.9	61.3	8.5	*****	150.8	307.5

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
2-	1-	80	32	2.6	10.7	88.2	10.2	*****	227.5	471.7
2-	2-	80	33	1.0	9.0	66.7	9.2	*****	147.3	299.0
2-	3-	80	34	2.7	11.9	80.7	10.0	*****	150.7	299.4
2-	4-	80	35	2.8	14.9	61.7	9.5	*****	235.8	482.7
2-	5-	80	36	2.9	15.5	44.9	10.4	*****	137.3	277.5
2-	6-	80	37	2.7	31.6	242.9	11.6	*****	285.1	649.5
2-	7-	80	38	6.1	27.5	352.2	13.9	*****	346.7	790.5
2-	8-	80	39	0.6	20.6	150.4	13.3	*****	339.9	704.6
2-	9-	80	40	1.4	14.3	74.1	9.6	*****	282.4	611.2
2-	10-	80	41	1.8	16.1	226.5	10.4	*****	295.4	616.0
2-	11-	80	42	2.7	15.2	228.8	10.2	*****	254.0	533.5
2-	12-	80	43	1.6	15.8	157.9	10.3	*****	307.7	675.9
2-	13-	80	44	3.1	17.9	93.1	10.9	*****	210.9	442.7
2-	14-	80	45	3.0	21.8	58.5	10.7	*****	57.3	108.8
2-	15-	80	46	6.8	33.7	128.4	13.3	*****	131.4	261.2
2-	16-	80	47	6.3	38.8	120.6	13.4	*****	123.7	241.9
2-	17-	80	48	5.4	29.3	167.8	14.8	*****	61.8	216.2
2-	18-	80	49	7.0	29.3	190.1	15.9	*****	283.0	578.1
2-	19-	80	50	5.9	29.9	210.1	13.3	*****	213.0	436.9
2-	20-	80	51	6.9	41.5	141.2	11.9	*****	154.9	309.5
2-	21-	80	52	6.6	31.6	226.9	13.0	*****	355.1	752.7
2-	22-	80	53	3.1	29.6	181.3	12.9	*****	241.4	491.6
2-	23-	80	54	2.3	16.1	109.1	11.2	*****	234.8	491.8
2-	24-	80	55	4.1	16.4	77.7	12.3	*****	207.0	418.5
2-	25-	80	56	3.3	16.4	83.8	13.5	*****	219.9	439.1
2-	26-	80	57	2.4	15.8	78.6	13.8	*****	313.4	642.5
2-	27-	80	58	2.2	32.8	201.8	14.4	*****	184.8	373.3
2-	28-	80	59	3.3	30.7	223.2	13.7	*****	413.6	833.1
2-	29-	80	60	2.8	15.5	225.7	13.0	*****	459.2	922.7

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
3-	1-	80	61	1.0	17.0	156.4	12.3	*****	164.8	301.0
3-	2-	80	62	4.0	25.4	43.0	12.1	*****	174.1	201.1
3-	3-	80	63	5.0	33.4	236.9	12.4	*****	451.2	757.9
3-	4-	80	64	2.6	23.3	187.4	15.0	*****	1097.9	1554.4
3-	5-	80	65	6.7	35.7	206.6	14.6	*****	1194.6	1483.8
3-	6-	80	66	9.1	38.1	182.7	****	*****	*****	*****
3-	7-	80	67	2.0	15.8	80.5	11.9	*****	389.1	813.1
3-	8-	80	68	3.6	17.6	60.2	12.6	*****	470.6	999.3
3-	9-	80	69	1.2	21.8	83.5	12.9	*****	483.5	1033.3
3-	10-	80	70	2.0	18.5	227.1	13.0	*****	430.4	896.7
3-	11-	80	71	9.3	34.9	254.8	12.4	*****	464.3	1013.5
3-	12-	80	72	3.9	21.2	241.9	10.7	*****	481.5	1027.9
3-	13-	80	73	4.1	18.8	224.7	12.0	*****	472.2	993.7
3-	14-	80	74	5.3	28.7	215.0	13.6	*****	174.9	348.4
3-	15-	80	75	7.9	28.1	266.6	11.1	*****	472.4	1032.6
3-	16-	80	76	4.8	18.8	224.8	11.1	*****	513.4	1091.9
3-	17-	80	77	7.5	30.4	243.3	11.2	*****	395.9	843.4
3-	18-	80	78	6.4	35.5	318.7	12.9	*****	522.6	1145.0
3-	19-	80	79	1.4	22.7	235.2	15.4	*****	527.8	1138.8
3-	20-	80	80	9.1	37.9	251.0	11.9	*****	514.8	1128.7
3-	21-	80	81	4.5	29.0	280.9	12.2	*****	520.9	1132.4
3-	22-	80	82	4.1	27.8	334.1	15.8	*****	545.8	1176.8
3-	23-	80	83	1.3	20.0	253.5	15.1	*****	535.7	1162.2
3-	24-	80	84	4.8	20.0	264.8	13.5	*****	540.3	1203.7
3-	25-	80	85	1.2	20.9	293.2	9.3	*****	120.6	244.2
3-	26-	80	86	5.7	21.5	231.7	11.4	*****	471.7	1014.2
3-	27-	80	87	5.3	23.9	233.7	12.3	*****	545.1	1164.7
3-	28-	80	88	1.7	14.6	255.5	15.8	*****	560.8	1200.5
3-	29-	80	89	4.1	21.8	225.6	14.8	*****	568.5	1192.0
3-	30-	80	90	5.1	29.9	291.6	14.7	*****	576.4	1285.1
3-	31-	80	91	6.9	40.3	274.5	13.6	*****	555.5	1211.5

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
4-	1-	80	92	6.4	23.6	243.5	12.2	*****	581.8	1266.9
4-	2-	80	93	7.6	30.7	229.2	12.2	*****	538.2	1178.0
4-	3-	80	94	6.0	25.7	239.0	11.5	*****	437.9	947.4
4-	4-	80	95	3.7	23.0	160.4	12.4	*****	127.2	250.5
4-	5-	80	96	7.1	33.7	224.6	13.8	*****	352.9	743.5
4-	6-	80	97	5.4	17.3	233.0	12.0	*****	404.3	863.3
4-	7-	80	98	1.5	12.5	197.1	12.0	*****	571.9	1207.9
4-	8-	80	99	2.8	24.8	222.1	13.1	*****	518.2	1102.8
4-	9-	80	100	7.2	27.5	233.5	14.1	*****	539.8	1147.6
4-	10-	80	101	5.2	24.5	229.7	13.5	*****	*****	*****
4-	11-	80	102	1.0	19.7	285.5	18.0	*****	575.1	1277.4
4-	12-	80	103	1.6	16.7	220.3	17.0	*****	610.5	1325.8
4-	13-	80	104	5.0	34.9	242.5	15.4	*****	528.5	1170.4
4-	14-	80	105	6.5	29.3	249.5	14.3	*****	502.6	1100.8
4-	15-	80	106	4.8	23.3	229.0	15.2	*****	599.4	1315.4
4-	16-	80	107	3.7	27.2	238.7	17.5	*****	581.7	1235.5
4-	17-	80	108	10.1	25.7	260.7	14.1	*****	591.2	1347.1
4-	18-	80	109	7.7	21.5	238.6	15.4	*****	581.9	1263.7
4-	19-	80	110	7.6	25.7	245.4	16.5	*****	639.1	1357.7
4-	20-	80	111	7.8	26.6	241.6	13.6	*****	387.2	833.6
4-	21-	80	112	5.0	22.4	277.6	10.6	*****	453.8	963.6
4-	22-	80	113	3.5	14.0	217.5	10.7	*****	115.5	235.7
4-	23-	80	114	2.5	17.9	210.6	12.7	*****	279.2	585.1
4-	24-	80	115	6.7	21.5	241.9	14.1	*****	614.7	1341.0
4-	25-	80	116	6.8	20.0	236.5	12.9	*****	603.2	1324.7
4-	26-	80	117	6.6	20.9	239.7	13.6	*****	604.6	1338.2
4-	27-	80	118	6.1	17.9	239.9	16.4	*****	560.7	1224.5
4-	28-	80	119	10.9	33.4	232.6	14.3	*****	526.5	1154.4
4-	29-	80	120	5.4	21.5	235.3	15.3	*****	546.0	1185.5
4-	30-	80	121	6.7	26.3	242.6	16.8	*****	645.2	1425.9

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
5-	1-	80	122	9.7	28.4	249.5	15.4	*****	635.4	1419.5
5-	2-	80	123	8.3	22.1	256.1	15.1	*****	589.4	1329.0
5-	3-	80	124	8.9	22.1	257.4	15.4	*****	645.0	1454.5
5-	4-	80	125	9.7	24.2	250.0	15.0	*****	642.9	1445.7
5-	5-	80	126	9.7	20.9	242.2	15.3	*****	592.9	1316.4
5-	6-	80	127	7.7	21.2	242.7	15.5	*****	646.1	1458.4
5-	7-	80	128	7.7	22.4	231.7	16.0	*****	664.0	1493.2
5-	8-	80	129	10.3	25.7	224.8	14.3	*****	476.1	1042.7
5-	9-	80	130	7.9	21.5	226.7	13.0	*****	252.9	536.6
5-	10-	80	131	5.7	21.2	249.4	12.2	*****	506.5	1128.5
5-	11-	80	132	5.9	17.6	216.3	13.3	*****	520.1	1137.0
5-	12-	80	133	6.0	17.9	234.8	14.0	*****	571.6	1258.3
5-	13-	80	134	7.2	24.5	225.0	13.6	*****	461.7	1010.9
5-	14-	80	135	8.6	24.5	232.1	14.4	*****	670.2	1490.6
5-	15-	80	136	7.5	19.4	231.7	14.8	*****	679.9	1508.4
5-	16-	80	137	6.4	19.1	233.6	16.5	*****	656.1	1424.7
5-	17-	80	138	6.7	21.8	237.4	18.1	*****	694.6	1539.8
5-	18-	80	139	8.0	21.2	253.7	18.1	*****	691.0	1530.3
5-	19-	80	140	7.0	20.0	237.0	18.7	*****	688.5	1527.0
5-	20-	80	141	6.9	20.3	231.9	19.7	*****	659.7	1449.6
5-	21-	80	142	10.7	24.8	215.8	16.2	*****	692.2	1541.0
5-	22-	80	143	11.6	28.1	247.0	14.5	*****	696.3	1593.1
5-	23-	80	144	9.2	23.6	270.1	13.0	*****	495.7	1118.1
5-	24-	80	145	6.5	19.7	252.0	13.0	*****	494.9	1105.4
5-	25-	80	146	5.4	16.1	235.7	13.9	*****	677.2	1512.1
5-	26-	80	147	5.9	18.5	234.2	14.2	*****	652.4	1461.7
5-	27-	80	148	7.9	21.8	215.3	14.0	*****	654.7	1481.9
5-	28-	80	149	7.6	26.0	233.3	13.8	*****	636.2	1430.4
5-	29-	80	150	6.8	16.7	238.0	15.2	*****	670.4	1496.3
5-	30-	80	151	8.9	26.9	226.4	14.3	*****	672.7	1508.2
5-	31-	80	152	7.0	23.6	240.0	15.3	*****	692.9	1538.4

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
6-	1-	80	153	9.1	23.6	215.9	14.7	*****	612.0	1350.2
6-	2-	80	154	8.2	20.9	232.3	15.1	*****	699.8	1571.1
6-	3-	80	155	7.8	21.2	235.3	14.4	*****	701.5	1568.0
6-	4-	80	156	5.5	19.1	221.5	14.9	*****	553.4	1227.8
6-	5-	80	157	7.0	20.6	239.6	14.2	*****	709.0	1602.6
6-	6-	80	158	7.8	21.2	242.6	14.9	*****	*****	*****
6-	7-	80	159	6.6	17.6	240.5	15.8	*****	717.9	1594.3
6-	8-	80	160	7.3	21.8	240.7	16.9	*****	721.7	1604.9
6-	9-	80	161	7.3	20.6	232.2	17.5	*****	724.5	1611.3
6-	10-	80	162	8.4	20.3	215.8	16.1	*****	714.5	1608.9
6-	11-	80	163	7.8	21.2	235.3	15.0	*****	626.5	1382.3
6-	12-	80	164	7.2	19.4	239.6	15.5	*****	725.0	1613.6
6-	13-	80	165	6.5	16.1	234.8	15.8	*****	698.8	1521.6
6-	14-	80	166	5.3	15.5	238.5	17.3	*****	720.5	1572.7
6-	15-	80	167	5.8	16.1	240.6	19.6	*****	728.3	1593.0
6-	16-	80	168	7.2	20.6	239.8	18.9	*****	722.2	1601.2
6-	17-	80	169	7.1	18.5	243.5	19.8	*****	717.9	1578.5
6-	18-	80	170	9.3	25.1	215.7	16.5	*****	712.3	1606.8
6-	19-	80	171	10.0	26.3	205.0	15.2	*****	703.2	1599.4
6-	20-	80	172	8.4	24.2	222.4	16.3	*****	700.6	1592.4
6-	21-	80	173	7.8	21.5	235.2	17.5	*****	725.1	1636.6
6-	22-	80	174	8.6	20.0	238.4	17.0	*****	725.2	1616.8
6-	23-	80	175	7.2	21.5	242.0	17.2	*****	724.9	1613.5
6-	24-	80	176	7.3	19.1	229.0	16.9	*****	721.6	1591.3
6-	25-	80	177	6.8	22.1	248.9	17.6	*****	718.1	1595.3
6-	26-	80	178	4.6	18.2	233.4	19.2	*****	723.8	1608.3
6-	27-	80	179	2.0	11.9	213.0	23.4	*****	652.9	1414.1
6-	28-	80	180	4.2	15.2	243.6	23.9	*****	729.0	1574.6
6-	29-	80	181	8.5	23.9	261.1	17.8	*****	412.6	877.8
6-	30-	80	182	8.0	20.9	262.7	18.8	*****	658.4	1447.0

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
7-	1-	80	183	8.4	20.9	263.6	16.1	*****	365.7	765.7
7-	2-	80	184	6.1	17.9	256.4	16.5	*****	255.0	515.3
7-	3-	80	185	8.0	20.3	242.2	16.4	*****	688.1	1485.8
7-	4-	80	186	8.5	23.3	233.9	17.2	*****	730.0	1619.9
7-	5-	80	187	7.8	19.1	238.3	17.1	*****	728.2	1591.2
7-	6-	80	188	7.8	22.7	232.0	17.0	*****	726.6	1608.2
7-	7-	80	189	8.6	25.4	242.1	16.4	*****	716.8	1590.5
7-	8-	80	190	7.2	19.7	242.4	16.8	*****	628.1	1374.7
7-	9-	80	191	6.2	23.9	245.5	17.6	*****	721.8	1584.8
7-	10-	80	192	4.9	17.6	233.2	20.4	*****	718.5	1564.3
7-	11-	80	193	8.2	23.6	244.7	19.3	*****	718.2	1583.4
7-	12-	80	194	9.1	24.2	213.7	17.5	*****	715.3	1557.2
7-	13-	80	195	8.0	19.7	220.1	17.3	*****	717.0	1567.8
7-	14-	80	196	7.4	20.3	251.2	18.4	*****	684.0	1483.9
7-	15-	80	197	5.7	18.8	257.1	21.0	*****	713.2	1545.2
7-	16-	80	198	8.3	20.0	255.3	20.2	*****	702.8	1527.7
7-	17-	80	199	9.4	25.4	259.5	18.8	*****	707.7	1566.3
7-	18-	80	200	9.6	23.9	211.8	17.3	*****	704.1	1579.9
7-	19-	80	201	7.4	22.1	244.2	19.0	*****	704.0	1556.1
7-	20-	80	202	10.4	25.7	256.1	18.5	*****	693.6	1535.4
7-	21-	80	203	11.2	26.3	254.8	19.1	*****	695.3	1539.0
7-	22-	80	204	9.9	23.0	253.4	19.8	*****	694.4	1527.5
7-	23-	80	205	9.0	22.7	258.4	19.8	*****	698.0	1540.8
7-	24-	80	206	8.4	20.9	254.6	20.5	*****	697.5	1545.5
7-	25-	80	207	6.9	17.9	242.8	23.4	*****	693.6	1513.1
7-	26-	80	208	8.4	21.2	256.9	22.8	*****	685.9	1483.1
7-	27-	80	209	7.6	20.3	253.1	23.5	*****	676.8	1455.3
7-	28-	80	210	7.9	18.8	258.2	22.5	*****	589.0	1256.5
7-	29-	80	211	7.6	14.0	262.2	22.5	*****	677.0	1446.2
7-	30-	80	212	7.8	15.2	261.7	23.0	*****	655.5	1401.4
7-	31-	80	213	6.9	12.2	253.4	24.2	*****	674.3	1424.4

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE										
DATE			JULIAN	WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION
MO	DA	YR	DAY	AVERAGE	MAXIMUM					
				(M/SEC)	(M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
									MICRO	EINST/M**2/SEC
8-	1-	80	214	7.0	10.7	244.3	24.7	*****	686.3	1487.8
8-	2-	80	215	7.9	14.3	245.3	21.3	*****	675.5	1479.5
8-	3-	80	216	7.1	13.7	234.9	20.1	*****	668.6	1459.0
8-	4-	80	217	8.6	13.1	242.3	16.8	*****	638.2	1416.4
8-	5-	80	218	8.9	13.1	245.4	17.1	1009.9	614.0	1355.6
8-	6-	80	219	7.5	12.5	254.2	17.9	1011.0	601.7	1315.6
8-	7-	80	220	7.8	12.8	259.7	19.2	1010.5	650.5	1425.8
8-	8-	80	221	9.4	16.1	258.7	18.1	1009.3	641.9	1448.7
8-	9-	80	222	8.8	15.2	260.3	18.5	1009.4	647.3	1466.1
8-	10-	80	223	8.9	14.6	262.1	18.5	1009.8	640.6	1425.4
8-	11-	80	224	8.6	14.6	257.3	19.5	1009.1	637.1	1406.1
8-	12-	80	225	7.2	11.9	240.9	19.1	1008.5	625.6	1395.0
8-	13-	80	226	10.2	15.5	205.8	15.5	1009.1	612.4	1385.2
8-	14-	80	227	8.7	15.2	210.4	15.7	1009.3	600.2	1332.8
8-	15-	80	228	6.4	11.6	246.8	17.8	1011.1	589.0	1289.2
8-	16-	80	229	8.0	14.9	261.1	17.8	1011.3	586.2	1279.6
8-	17-	80	230	9.7	15.8	255.6	16.6	1010.3	592.3	1294.2
8-	18-	80	231	10.0	18.2	258.0	15.9	1009.2	577.4	1254.5
8-	19-	80	232	7.2	12.5	248.7	18.3	1014.5	594.4	1275.3
8-	20-	80	233	7.0	11.9	241.0	19.0	1016.2	597.3	1265.3
8-	21-	80	234	8.6	14.0	255.5	17.5	1012.7	601.5	1303.4
8-	22-	80	235	8.7	14.9	247.3	15.2	1010.4	544.2	1204.6
8-	23-	80	236	7.5	15.5	241.8	17.0	1013.3	481.9	1021.2
8-	24-	80	237	9.1	14.3	258.4	17.2	1015.5	587.8	1258.7
8-	25-	80	238	9.0	14.6	259.1	16.7	1016.1	579.0	1234.8
8-	26-	80	239	9.0	14.3	254.9	16.3	1015.4	583.6	1252.2
8-	27-	80	240	7.3	14.0	233.1	17.2	1014.9	596.6	1282.9
8-	28-	80	241	6.5	14.6	242.0	16.4	1015.1	557.1	1214.7
8-	29-	80	242	7.1	13.4	229.2	17.3	1017.7	583.8	1231.3
8-	30-	80	243	6.2	12.2	233.7	18.3	1017.2	589.4	1236.2
8-	31-	80	244	6.0	11.6	237.3	19.0	1012.7	583.2	1232.0

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM				VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)	(TRUE NO)	(C)	(MB)	MICRO	EINST/M**2/SEC
9-	1-	80	245	8.0	12.5	263.6	18.3	1011.6	573.2	1217.4
9-	2-	80	246	8.5	15.5	249.0	17.2	1012.0	568.4	1232.0
9-	3-	80	247	6.5	13.1	257.0	17.9	1011.8	562.7	1184.1
9-	4-	80	248	7.3	13.7	257.3	18.2	1013.9	533.2	1138.6
9-	5-	80	249	8.8	15.2	251.6	17.5	1014.8	*****	*****
9-	6-	80	250	9.1	15.5	243.8	16.3	1014.2	583.7	1272.4
9-	7-	80	251	7.3	12.5	234.7	17.8	1010.7	549.1	1180.9
9-	8-	80	252	7.7	12.5	256.4	17.3	1012.0	560.3	1194.3
9-	9-	80	253	8.3	14.3	244.3	17.2	1013.8	524.5	1123.3
9-	10-	80	254	9.0	15.5	242.7	16.7	1015.1	527.8	1131.7
9-	11-	80	255	7.7	13.1	245.7	17.3	1013.8	521.2	1117.8
9-	12-	80	256	7.7	14.3	243.0	17.1	1010.1	523.1	1122.0
9-	13-	80	257	9.0	18.5	207.1	16.2	1008.6	538.2	1171.5
9-	14-	80	258	3.6	11.6	247.7	16.2	1013.6	362.9	765.5
9-	15-	80	259	1.7	12.2	207.3	18.7	1013.1	446.4	923.8
9-	16-	80	260	5.6	9.9	236.8	18.3	1013.6	526.2	1127.4
9-	17-	80	261	6.3	10.1	251.4	19.0	1012.5	432.9	884.7
9-	18-	80	262	5.4	11.3	245.1	18.1	1014.6	356.7	744.4
9-	19-	80	263	5.5	9.9	238.3	18.1	1016.7	519.3	1096.4
9-	20-	80	264	6.9	13.4	229.1	17.6	1012.7	524.0	1107.8
9-	21-	80	265	4.0	10.7	227.9	19.0	1012.1	522.0	1092.9
9-	22-	80	266	4.0	11.0	229.4	20.8	1012.8	521.4	1091.0
9-	23-	80	267	3.7	8.7	228.1	22.5	1011.5	520.4	1069.2
9-	24-	80	268	3.5	9.0	226.1	22.6	1008.9	511.9	1042.6
9-	25-	80	269	6.1	16.4	251.1	20.0	1007.5	480.2	1017.4
9-	26-	80	270	8.8	15.5	248.5	16.6	1010.9	472.4	1022.4
9-	27-	80	271	8.4	12.8	240.1	16.2	1012.1	482.1	1048.2
9-	28-	80	272	5.1	11.6	230.4	19.4	1012.1	486.8	1017.5
9-	29-	80	273	2.6	7.5	212.8	21.3	1012.5	482.5	997.3
9-	30-	80	274	1.8	6.6	217.0	23.8	1012.9	477.7	968.2

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION (TRUE NO)	TEMP (C)	PRESSURE (MB)	IRRADIATION	
MO	DA	YR	AVERAGE (M/SEC)	MAXIMUM (M/SEC)				VISIBLE MICRO	TOTAL EINST/M**2/SE
10-	1-80	275	1.1	6.6	120.8	24.4	1011.9	467.3	975.9
10-	2-80	276	1.5	10.1	223.3	25.3	1011.4	*****	*****
10-	3-80	277	3.2	8.4	223.0	26.0	1011.1	469.7	948.7
10-	4-80	278	4.8	13.1	244.2	23.0	1011.1	459.5	953.8
10-	5-80	279	9.4	14.3	254.5	18.3	1013.5	435.5	948.6
10-	6-80	280	7.4	14.0	245.3	19.0	1014.9	427.9	925.6
10-	7-80	281	6.2	12.2	238.7	21.4	1013.5	433.6	923.9
10-	8-80	282	5.2	11.6	242.7	21.3	1010.5	431.5	906.9
10-	9-80	283	7.0	13.4	247.2	18.6	1009.3	413.5	896.0
10-	10-80	284	8.8	13.4	236.3	15.3	1012.8	415.4	929.9
10-	11-80	285	5.1	11.0	236.8	15.9	1013.2	257.7	540.9
10-	12-80	286	4.4	10.7	228.1	16.7	1016.1	396.2	801.2
10-	13-80	287	5.5	12.5	235.9	15.3	1016.4	235.3	501.2
10-	14-80	288	5.7	14.0	261.0	14.6	1014.1	341.2	737.4
10-	15-80	289	4.9	9.0	225.8	14.8	1010.7	392.6	851.0
10-	16-80	290	3.2	7.8	221.8	15.3	1011.7	375.1	790.6
10-	17-80	291	3.4	10.1	229.4	15.5	1018.1	377.4	788.7
10-	18-80	292	3.9	8.7	247.7	15.5	1020.5	383.6	808.2
10-	19-80	293	3.2	9.0	241.7	16.2	1019.1	376.0	790.7
10-	20-80	294	2.6	6.9	221.7	17.2	1017.7	376.4	781.9
10-	21-80	295	2.3	7.5	220.4	17.6	1015.0	371.6	755.5
10-	22-80	296	3.3	8.1	225.4	18.7	1013.8	370.1	765.5
10-	23-80	297	2.4	12.8	245.2	17.6	1016.3	355.0	745.7
10-	24-80	298	7.4	13.4	250.1	15.0	1019.2	280.5	624.9
10-	25-80	299	5.7	11.0	237.9	15.0	1013.7	121.0	249.9
10-	26-80	300	3.6	9.0	227.0	14.7	1015.6	342.8	731.3
10-	27-80	301	1.1	9.6	255.7	16.7	1019.2	332.9	728.7
10-	28-80	302	2.8	11.0	93.5	16.7	1023.8	328.9	732.4
10-	29-80	303	0.7	3.6	87.0	15.6	1024.0	316.0	696.3
10-	30-80	304	1.4	5.1	63.1	15.5	1020.3	222.1	491.0
10-	31-80	305	0.8	7.2	125.7	16.1	1018.5	306.7	674.0

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE									
DATE			WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM			VISIBLE	TOTAL
			DAY	(M/SEC)	(M/SEC)	(TRUE NO)	(C)	(MB)	MICRO EINST/M**2/SEC
11-	1-80		306	2.9	7.5	235.2	15.7	1019.8	430.3
11-	2-80		307	1.9	7.2	222.4	17.3	1021.1	656.1
11-	3-80		308	0.7	6.0	143.2	17.5	1021.4	683.6
11-	4-80		309	0.8	6.0	98.8	17.7	1019.0	646.2
11-	5-80		310	5.8	10.1	242.2	15.9	1016.7	535.0
11-	6-80		311	4.7	9.3	235.3	16.8	1016.4	663.2
11-	7-80		312	5.0	10.4	247.1	16.6	1016.7	369.0
11-	8-80		313	3.8	8.1	234.2	15.0	1017.9	667.1
11-	9-80		314	5.2	9.9	235.4	14.3	1014.7	650.5
11-	10-80		315	3.1	7.2	232.4	13.9	1012.5	443.3
11-	11-80		316	4.0	8.1	244.2	13.2	1013.8	504.3
11-	12-80		317	4.3	7.5	227.2	12.2	1018.3	636.9
11-	13-80		318	3.8	8.1	224.7	12.1	1020.9	627.4
11-	14-80		319	3.5	7.8	236.8	13.0	1022.4	*****
11-	15-80		320	4.2	16.4	350.3	15.1	1019.6	616.2
11-	16-80		321	1.2	6.6	117.6	13.0	1021.2	517.8
11-	17-80		322	0.7	7.2	171.7	13.9	1023.3	570.6
11-	18-80		323	0.5	6.6	160.5	12.6	1023.6	569.6
11-	19-80		324	0.7	7.2	199.5	12.1	1023.1	501.2
11-	20-80		325	1.4	7.8	212.1	12.7	1021.8	455.7
11-	21-80		326	2.3	7.5	222.2	12.0	1020.4	252.7
11-	22-80		327	2.5	7.2	65.6	12.6	1019.1	176.8
11-	23-80		328	3.8	9.9	250.8	13.7	1021.5	295.5
11-	24-80		329	0.6	7.5	295.6	14.0	1026.1	592.1
11-	25-80		330	1.7	6.3	76.8	11.3	1026.7	476.4
11-	26-80		331	1.6	5.4	68.7	11.4	1026.5	531.9
11-	27-80		332	0.9	3.9	65.7	11.6	1025.9	518.3
11-	28-80		333	0.8	4.5	83.2	11.2	1020.6	485.8
11-	29-80		334	4.2	9.6	222.5	13.2	1015.6	365.6
11-	30-80		335	4.6	9.3	234.5	13.5	1013.4	419.0

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			JULIAN	WIND SPEED		DIRECTION TEMP		PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
				(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
12-	1-80		336	0.3	6.0	189.7	10.6	1016.0	146.6	327.5
12-	2-80		337	5.1	14.0	165.6	15.2	1010.8	67.7	152.1
12-	3-80		338	6.5	16.7	158.1	14.9	1003.2	50.2	116.9
12-	4-80		339	5.1	11.3	256.2	11.8	1010.4	229.1	502.4
12-	5-80		340	3.6	8.4	234.8	9.7	1015.6	234.5	520.3
12-	6-80		341	4.5	9.0	241.9	9.8	1015.2	233.4	522.1
12-	7-80		342	2.3	14.3	345.2	9.7	1017.2	234.0	538.6
12-	8-80		343	3.4	10.4	52.7	8.9	1024.1	231.5	523.1
12-	9-80		344	2.0	6.6	61.8	7.8	1026.4	250.9	545.1
12-	10-80		345	3.5	7.2	78.5	8.0	1028.2	217.9	511.0
12-	11-80		346	1.4	4.8	52.2	7.0	1023.7	194.2	461.6
12-	12-80		347	2.8	6.9	65.9	7.0	1018.3	176.5	431.6
12-	13-80		348	0.5	3.6	51.8	7.9	1022.9	203.9	465.5
12-	14-80		349	1.5	6.0	67.1	6.4	1026.5	136.3	331.6
12-	15-80		350	3.4	8.1	71.7	8.1	1023.5	205.0	467.0
12-	16-80		351	2.1	6.3	53.8	8.8	1018.9	165.4	382.9
12-	17-80		352	0.9	6.6	88.6	11.0	1015.6	176.9	403.5

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			JULIAN	WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
				(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
2-	1-81		32	*****	*****	*****	*****	*****	*****	*****
2-	2-81		33	*****	*****	*****	*****	*****	*****	*****
2-	3-81		34	*****	*****	*****	*****	*****	*****	*****
2-	4-81		35	*****	*****	*****	*****	*****	*****	*****
2-	5-81		36	*****	*****	*****	*****	*****	*****	*****
2-	6-81		37	*****	*****	*****	*****	*****	*****	*****
2-	7-81		38	*****	*****	*****	*****	*****	*****	*****
2-	8-81		39	*****	*****	*****	*****	*****	*****	*****
2-	9-81		40	*****	*****	*****	*****	*****	*****	*****
2-	10-81		41	*****	*****	*****	*****	*****	*****	*****
2-	11-81		42	*****	*****	*****	*****	*****	*****	*****
2-	12-81		43	2.7	6.6	80.6	12.1	1015.7	306.5	643.2
2-	13-81		44	1.0	14.3	98.9	12.6	1014.9	131.5	266.2
2-	14-81		45	3.0	12.5	229.7	14.1	1017.1	342.3	709.0
2-	15-81		46	4.1	7.8	224.4	12.7	1015.0	334.1	692.1
2-	16-81		47	5.1	11.0	227.4	13.1	1012.3	273.5	567.8
2-	17-81		48	2.4	7.5	240.9	13.6	1012.6	321.3	670.0
2-	18-81		49	1.1	6.9	173.5	14.3	1013.2	376.0	754.6
2-	19-81		50	5.9	15.5	244.6	13.3	1014.0	236.5	479.6
2-	20-81		51	5.4	17.6	339.0	12.7	1014.8	394.0	856.2
2-	21-81		52	5.5	13.1	65.3	12.7	1014.8	390.5	835.2
2-	22-81		53	2.5	7.5	63.9	11.9	1012.4	380.5	808.2
2-	23-81		54	4.4	12.8	231.3	11.7	1003.7	314.6	678.3
2-	24-81		55	5.8	15.8	202.4	9.3	1000.0	274.8	648.0
2-	25-81		56	0.7	7.8	198.0	8.6	1002.3	277.6	593.4
2-	26-81		57	0.5	9.9	160.2	8.8	1007.4	196.5	413.4
2-	27-81		58	3.5	7.5	51.0	9.3	1006.5	317.7	695.7
2-	28-81		59	3.9	10.4	64.9	9.2	1002.1	115.9	238.4

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE									
DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION
MO	DA	YR	JULIAN	AVERAGE	MAXIMUM				TOTAL
				(M/SEC)	(M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO EINST/M**2/SEC
3-	1-81		60	4.7	14.0	32.8	10.2	999.9	152.5
3-	2-81		61	0.7	7.5	262.9	10.7	1002.1	245.0
3-	3-81		62	3.6	9.3	218.5	10.5	1002.8	179.0
3-	4-81		63	1.7	10.7	238.5	9.6	1000.1	*****
3-	5-81		64	4.8	9.3	238.1	10.3	998.7	426.8
3-	6-81		65	2.0	8.4	184.9	11.0	1003.6	425.1
3-	7-81		66	2.9	6.9	233.3	11.6	1012.4	305.0
3-	8-81		67	1.3	7.8	193.6	12.2	1015.8	481.6
3-	9-81		68	2.8	12.5	228.1	13.1	1015.7	466.5
3-	10-81		69	5.1	8.4	231.8	13.1	1013.2	444.8
3-	11-81		70	1.2	7.8	203.2	13.7	1009.0	424.8
3-	12-81		71	6.1	16.7	231.5	11.4	1009.9	167.5
3-	13-81		72	2.2	14.3	247.9	10.0	1010.4	390.0
3-	14-81		73	2.5	8.4	218.2	11.0	1013.3	388.1
3-	15-81		74	0.3	5.4	49.1	9.8	1013.1	79.2
3-	16-81		75	0.7	11.9	302.9	10.5	1017.1	495.0
3-	17-81		76	3.7	11.0	49.4	12.0	1012.2	402.3
3-	18-81		77	0.6	6.6	112.4	10.1	1004.8	113.2
3-	19-81		78	2.4	14.3	197.8	11.1	999.3	194.2
3-	20-81		79	3.4	9.9	123.4	9.7	1001.2	167.1
3-	21-81		80	2.7	12.5	143.3	12.5	1007.1	329.9
3-	22-81		81	2.8	7.5	238.9	12.8	1015.7	333.2
3-	23-81		82	3.4	8.4	226.3	12.3	1015.4	469.1
3-	24-81		83	2.8	9.6	230.4	12.9	1013.7	398.1
3-	25-81		84	6.0	15.5	222.0	13.2	1009.1	293.8
3-	26-81		85	7.6	15.8	263.0	11.1	1007.5	513.1
3-	27-81		86	4.5	9.9	244.0	13.3	1008.6	528.7
3-	28-81		87	4.1	13.7	218.7	13.9	1009.3	538.2
3-	29-81		88	8.5	16.1	244.2	11.8	1009.9	461.8
3-	30-81		89	3.8	9.0	237.5	10.8	1012.5	534.3
3-	31-81		90	5.4	12.5	235.9	11.4	1012.8	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
4-	1-	81	91	5.2	9.9	245.4	11.9	1012.9	530.8	1182.8
4-	2-	81	92	6.1	12.8	235.2	12.2	1009.4	531.8	1177.4
4-	3-	81	93	4.6	9.3	231.5	12.8	1015.7	560.8	1231.0
4-	4-	81	94	3.2	7.5	223.3	15.0	1021.9	575.7	1230.1
4-	5-	81	95	4.0	13.1	231.0	16.1	1019.8	577.5	1226.4
4-	6-	81	96	5.6	12.5	234.3	13.8	1012.6	567.2	1245.0
4-	7-	81	97	5.1	10.1	235.8	13.6	1010.9	564.8	1236.8
4-	8-	81	98	7.0	11.3	231.8	13.0	1013.8	579.9	1267.3
4-	9-	81	99	6.1	12.5	236.2	13.2	1012.5	584.7	1276.0
4-	10-	81	100	6.7	11.3	230.7	10.4	1004.3	570.6	1291.2
4-	11-	81	101	6.8	12.8	233.9	10.8	1011.0	586.2	1313.7
4-	12-	81	102	4.6	8.4	230.1	12.2	1011.7	575.3	1282.8
4-	13-	81	103	4.4	9.3	232.9	14.3	1010.7	594.8	1303.8
4-	14-	81	104	5.5	12.2	243.2	14.0	1010.4	594.2	1313.4
4-	15-	81	105	8.3	14.0	243.0	12.4	1013.5	562.5	1279.7
4-	16-	81	106	5.4	10.1	237.9	14.8	1013.6	556.9	1208.7
4-	17-	81	107	6.0	12.2	238.2	14.1	1007.8	532.6	1174.2
4-	18-	81	108	7.4	13.4	207.0	11.7	1003.6	501.6	668.8
4-	19-	81	109	6.7	12.2	227.2	11.2	1009.6	214.1	351.4
4-	20-	81	110	2.7	10.4	228.3	11.9	1014.1	527.9	1096.8
4-	21-	81	111	5.2	8.4	232.4	14.8	1010.0	614.5	1307.0
4-	22-	81	112	1.3	11.6	210.0	19.2	1006.8	647.8	1353.5
4-	23-	81	113	5.9	14.6	227.6	17.1	1006.0	628.1	1345.8
4-	24-	81	114	7.5	12.2	229.1	14.6	1007.1	576.9	1264.9
4-	25-	81	115	6.6	12.8	229.6	11.6	1006.1	250.4	525.6
4-	26-	81	116	5.6	11.9	249.8	12.2	1009.9	590.0	1282.2
4-	27-	81	117	5.1	9.3	229.6	16.4	1011.8	654.5	1422.7
4-	28-	81	118	0.4	13.7	324.7	23.2	1008.5	673.7	1420.3
4-	29-	81	119	1.0	7.2	198.6	22.7	1004.8	646.8	1349.8
4-	30-	81	120	5.7	12.2	240.6	19.2	1006.0	630.1	1334.3

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE MO DA YR	JULIAN DAY	WIND SPEED		DIRECTION (TRUE NO)	TEMP (C)	PRESSURE (MB)	IRRADIATION	
		AVERAGE (M/SEC)	MAXIMUM (M/SEC)				VISIBLE MICRO	TOTAL EINST/M**2/SEC
5- 1-81	121	8.3	14.3	240.3	16.1	1007.2	649.7	1437.5
5- 2-81	122	8.4	16.7	235.1	14.0	1005.7	634.2	1458.4
5- 3-81	123	7.2	12.5	228.9	14.2	1006.0	616.1	1398.0
5- 4-81	124	7.7	12.5	235.6	13.6	1008.5	630.1	1448.6
5- 5-81	125	6.3	11.6	230.8	14.4	1010.2	617.4	1409.9
5- 6-81	126	5.2	12.5	233.4	15.1	1012.9	638.9	1461.7
5- 7-81	127	5.4	10.1	231.6	15.8	1010.7	644.9	1466.5
5- 8-81	128	6.0	11.9	230.7	17.8	1013.1	660.1	1443.4
5- 9-81	129	6.7	12.8	232.9	18.2	1011.8	672.9	1479.4
5-10-81	130	5.8	11.9	233.0	17.0	1007.4	730.7	1481.9
5-11-81	131	3.2	8.7	234.1	20.3	1006.8	675.7	1465.5
5-12-81	132	5.8	11.3	240.9	18.6	1008.8	664.1	1464.4
5-13-81	133	8.4	15.5	239.7	15.8	1009.2	622.5	1381.2
5-14-81	134	9.2	16.4	226.8	14.2	1004.9	*****	*****
5-15-81	135	10.1	18.8	255.7	13.9	1004.4	674.1	1466.2
5-16-81	136	5.4	13.1	258.2	14.9	1007.3	703.1	1560.7
5-17-81	137	6.0	12.2	238.3	15.8	1009.6	*****	1130.9
5-18-81	138	6.1	13.7	226.6	14.5	1006.6	*****	1038.7
5-19-81	139	5.5	12.5	236.2	13.0	1004.9	517.5	1131.8
5-20-81	140	5.8	12.8	227.8	14.1	1006.8	687.7	1516.3
5-21-81	141	6.7	11.9	222.3	14.8	1011.4	670.6	1455.8
5-22-81	142	6.0	11.3	234.0	17.1	1009.5	693.4	1484.4
5-23-81	143	6.9	11.9	231.6	18.0	1007.6	665.3	1409.9
5-24-81	144	7.3	15.8	233.3	18.3	1007.1	607.2	1273.5
5-25-81	145	5.4	9.9	245.7	18.9	1007.9	414.1	852.1
5-26-81	146	5.3	10.7	254.6	17.4	1006.5	638.1	1408.3
5-27-81	147	8.0	14.9	243.7	17.3	1006.1	683.9	1488.1
5-28-81	148	8.0	14.6	240.5	16.7	1006.8	701.1	1533.9
5-29-81	149	8.5	14.6	231.3	16.1	1006.9	673.0	1472.7
5-30-81	150	6.9	13.1	229.3	17.6	1007.0	698.5	1565.0
5-31-81	151	6.6	10.7	240.1	18.8	1004.3	706.0	1558.4

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
6-	1-	81	152	8.0	17.9	217.4	15.6	1003.9	607.7	1381.4
6-	2-	81	153	6.9	14.3	233.1	18.3	1006.1	692.6	1518.0
6-	3-	81	154	6.3	10.1	239.9	20.2	1007.3	715.6	1552.0
6-	4-	81	155	6.2	9.6	233.7	24.0	1005.3	721.5	1562.4
6-	5-	81	156	6.3	14.9	248.8	23.2	1004.0	706.5	1531.8
6-	6-	81	157	7.2	13.7	235.4	20.8	1006.5	705.6	1555.1
6-	7-	81	158	8.1	13.1	246.8	19.2	1009.2	716.6	1533.8
6-	8-	81	159	7.1	14.6	252.0	19.2	1011.0	731.2	1533.5
6-	9-	81	160	7.9	15.2	249.7	18.2	1009.3	734.0	1617.4
6-	10-	81	161	6.7	12.8	236.8	19.0	1006.6	702.3	1535.9
6-	11-	81	162	7.8	14.6	245.1	19.1	1006.1	700.7	1539.1
6-	12-	81	163	9.1	16.7	258.4	17.1	1012.5	705.4	1605.4
6-	13-	81	164	6.7	14.9	251.8	17.2	1015.0	717.0	1613.7
6-	14-	81	165	2.6	11.6	312.6	21.4	1012.6	734.7	1658.1
6-	15-	81	166	0.1	11.9	266.0	25.6	1011.6	733.7	1599.4
6-	16-	81	167	6.6	13.4	236.7	23.5	1010.4	720.8	1585.4
6-	17-	81	168	5.6	10.1	238.5	22.5	1008.6	714.5	1586.0
6-	18-	81	169	6.2	10.1	238.3	25.0	1006.3	717.4	1539.0
6-	19-	81	170	5.8	10.7	233.5	26.8	1006.1	735.5	1586.1
6-	20-	81	171	5.9	9.3	243.3	25.5	1007.3	733.0	1597.5
6-	21-	81	172	4.7	9.9	235.6	27.1	1006.6	733.8	1567.0
6-	22-	81	173	7.0	12.8	242.6	25.6	1005.6	731.3	1617.4
6-	23-	81	174	7.2	12.2	246.7	22.0	1005.9	731.1	1626.5
6-	24-	81	175	8.1	15.5	254.8	19.4	1006.2	719.6	1593.7
6-	25-	81	176	9.4	15.8	260.4	19.0	1008.7	735.9	1595.2
6-	26-	81	177	7.4	12.2	253.6	21.9	1006.5	699.4	1527.1
6-	27-	81	178	7.5	13.4	251.8	21.5	1002.8	699.4	1540.9
6-	28-	81	179	10.7	17.3	259.7	18.4	1005.3	717.0	1569.8
6-	29-	81	180	10.7	16.7	251.4	16.9	1008.9	715.6	1506.5
6-	30-	81	181	9.9	16.1	258.9	17.4	1009.8	*****	*****

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	JULIAN DAY	AVERAGE (M/SEC)	MAXIMUM (M/SEC)	(TRUE NO)	(C)	(MB)	VISIBLE MICRO	TOTAL EINST/M**2/SEC
7-	1-81	182		6.9	12.2	256.9	18.6	1009.1	737.9	1570.8
7-	2-81	183		8.4	13.1	257.9	19.2	1009.6	736.2	1546.8
7-	3-81	184		8.2	14.3	258.9	19.6	1012.6	730.3	1550.3
7-	4-81	185		8.0	15.5	256.3	20.7	1012.5	631.5	1323.2
7-	5-81	186		6.1	12.8	254.8	22.2	1011.1	480.7	981.4
7-	6-81	187		8.2	14.3	259.2	19.3	1009.1	755.6	1556.4
7-	7-81	188		4.6	10.4	234.9	21.9	1010.5	716.9	1581.6
7-	8-81	189		4.3	9.0	234.2	23.8	1011.1	709.0	1572.6
7-	9-81	190		7.4	11.9	252.9	20.7	1011.9	688.6	1504.0
7-	10-81	191		7.2	14.0	234.1	19.4	1011.0	714.2	1596.5
7-	11-81	192		7.1	13.7	232.2	18.3	1011.0	713.5	1590.9
7-	12-81	193		7.4	13.7	232.5	18.5	1012.3	729.7	1589.7
7-	13-81	194		4.6	9.6	237.7	22.5	1012.5	727.2	1544.2
7-	14-81	195		4.7	10.4	240.9	24.7	1010.1	719.0	1540.8
7-	15-81	196		8.8	14.6	265.3	19.1	1008.5	743.9	1579.0
7-	16-81	197		8.3	14.6	233.1	16.7	1008.1	*****	1536.9
7-	17-81	198		8.6	15.2	226.6	16.1	1009.7	*****	1453.6
7-	18-81	199		7.2	14.9	249.6	18.2	1010.9	*****	1535.2
7-	19-81	200		7.8	14.6	266.2	19.2	1011.6	*****	1551.6
7-	20-81	201		8.1	14.3	266.6	19.5	1012.6	*****	1558.2
7-	21-81	202		8.0	14.0	259.6	19.8	1010.9	*****	1539.7
7-	22-81	203		9.5	14.9	265.5	18.2	1009.7	*****	1491.8
7-	23-81	204		8.6	16.4	268.5	18.2	1009.5	*****	1527.4
7-	24-81	205		9.7	16.7	266.6	18.2	1008.8	*****	1489.7
7-	25-81	206		7.7	13.4	254.8	19.1	1007.9	*****	1484.7
7-	26-81	207		9.7	16.7	266.8	17.4	1009.9	*****	1459.5
7-	27-81	208		10.1	17.0	260.8	17.2	1011.6	*****	1414.9
7-	28-81	209		9.6	16.4	260.6	17.4	1011.3	*****	1436.8
7-	29-81	210		9.2	15.5	271.2	17.1	1009.5	*****	1478.2
7-	30-81	211		7.5	12.8	256.8	16.9	1010.1	*****	1491.0
7-	31-81	212		7.8	14.3	244.6	16.5	1012.4	*****	1448.4

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			JULIAN	WIND SPEED		DIRECTION	TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)	VISIBLE	TOTAL
				(M/SEC)	(M/SEC)				MICRO	EINST/M**2/SEC
8-	1-	81	213	7.3	15.2	237.8	17.1	1013.7	*****	1431.3
8-	2-	81	214	7.2	14.6	235.8	18.0	1012.4	*****	1450.8
8-	3-	81	215	6.8	12.8	225.5	18.8	1010.1	*****	1435.2
8-	4-	81	216	6.6	12.5	231.0	19.0	1010.2	*****	1431.0
8-	5-	81	217	6.2	11.0	244.2	20.6	1011.4	*****	1416.7
8-	6-	81	218	7.0	12.8	247.6	22.0	1011.2	*****	*****
8-	7-	81	219	7.5	13.1	250.1	22.5	1008.8	*****	1388.5
8-	8-	81	220	9.1	17.6	267.7	19.9	1007.3	*****	1396.4
8-	9-	81	221	10.0	17.0	271.9	18.1	1007.4	*****	1386.0
8-	10-	81	222	10.0	15.2	255.2	17.2	1011.0	*****	1379.0
8-	11-	81	223	8.6	12.5	252.1	17.9	1011.6	*****	1270.8
8-	12-	81	224	6.8	12.2	246.7	18.0	1007.6	*****	1276.1
8-	13-	81	225	8.1	13.4	253.0	16.6	1007.7	*****	1378.6
8-	14-	81	226	8.2	12.5	251.0	17.4	1013.0	*****	1296.5
8-	15-	81	227	7.0	12.2	256.0	20.1	1014.9	*****	1340.7
8-	16-	81	228	8.4	13.4	263.1	19.4	1011.9	*****	1333.1
8-	17-	81	229	8.7	14.9	253.0	17.7	1007.5	*****	1310.1
8-	18-	81	230	8.8	14.9	241.9	16.5	1008.4	*****	1285.1
8-	19-	81	231	7.3	12.8	247.6	18.2	1013.7	*****	1255.8
8-	20-	81	232	6.3	11.3	248.1	18.6	1013.3	*****	1330.3
8-	21-	81	233	5.8	10.7	240.9	20.0	1009.9	*****	1324.1
8-	22-	81	234	7.4	11.9	261.2	18.6	1008.8	*****	1332.2
8-	23-	81	235	7.6	12.8	250.6	17.5	1010.5	*****	1000.7
8-	24-	81	236	6.2	12.2	240.0	19.1	1009.8	*****	1286.1
8-	25-	81	237	5.7	9.9	238.0	19.7	1010.8	*****	1321.7
8-	26-	81	238	5.3	9.9	244.3	21.4	1010.1	*****	1303.4
8-	27-	81	239	4.6	9.9	231.4	24.4	1006.1	*****	1271.1
8-	28-	81	240	4.8	11.3	237.8	23.4	1003.1	*****	1249.9
8-	29-	81	241	7.3	13.1	245.9	20.5	1004.7	*****	1266.2
8-	30-	81	242	5.6	14.3	237.5	20.5	1005.4	*****	1223.5
8-	31-	81	243	6.6	10.1	252.8	21.2	1005.0	*****	1209.5

DAILY AVERAGES FOR METEOROLOGICAL STATION FIVE

DATE			JULIAN	WIND SPEED		DIRECTION		TEMP	PRESSURE	IRRADIATION	
MO	DA	YR	DAY	AVERAGE	MAXIMUM	(TRUE NO)	(C)	(MB)		VISIBLE	TOTAL
				(M/SEC)	(M/SEC)					MICRO	EINST/M**2/SEC
9-	1-81		244	7.3	12.5	248.5	20.3	1005.4		*****	1192.7
9-	2-81		245	7.0	11.0	265.1	18.6	1005.6		*****	1223.7
9-	3-81		246	8.1	13.1	262.9	17.7	1007.5		*****	1217.8
9-	4-81		247	7.7	13.4	261.0	18.3	1006.7		*****	1178.1
9-	5-81		248	6.0	11.6	251.8	21.1	1005.5		*****	1161.4
9-	6-81		249	9.8	14.6	257.6	18.0	1008.5		*****	1171.7
9-	7-81		250	8.9	15.2	260.9	18.2	1013.5		*****	1050.6
9-	8-81		251	8.6	15.5	262.2	18.2	1014.8		*****	1111.2
9-	9-81		252	8.2	14.0	254.4	18.2	1013.0		*****	1111.1
9-	10-81		253	6.8	12.8	268.0	19.5	1009.8		*****	1103.2
9-	11-81		254	9.1	15.8	272.1	17.9	1011.8		*****	1093.0
9-	12-81		255	9.1	15.5	259.4	17.8	1013.9		*****	1064.8
9-	13-81		256	8.7	14.3	254.1	18.0	1014.0		*****	1053.2
9-	14-81		257	8.8	15.5	257.3	17.5	1012.4		*****	1047.5
9-	15-81		258	8.4	15.8	252.7	17.8	1012.7		*****	1038.8
9-	16-81		259	7.7	12.2	253.6	18.6	1013.9		*****	987.9
9-	17-81		260	6.8	11.9	243.8	19.4	1014.6		*****	1018.7
9-	18-81		261	7.0	13.1	235.9	19.2	1015.0		*****	1029.3
9-	19-81		262	4.7	11.0	237.4	20.5	1012.5		*****	1018.1
9-	20-81		263	6.2	10.7	235.5	20.3	1010.6		*****	1039.6
9-	21-81		264	5.3	9.3	235.2	20.5	1011.4		*****	1022.4
9-	22-81		265	4.7	10.1	230.5	20.1	1011.4		*****	1034.2
9-	23-81		266	5.2	13.7	231.4	17.8	1011.5		*****	674.8
9-	24-81		267	*****	*****	*****	*****	*****		*****	*****

APPENDIX II

Key to Appendix II

Plot 1, Wind Speed

Units are meters/second.

Solid lines are average values.

Dashed lines are maximum values.

Plot 2, Wind Direction

Units are degrees measured from true north.

Plot 3, Air Temperature

Units are degree Centigrade.

Plot 4, Barometric Pressure

Units are millibars pressure.

Plot 5, Solar Irradiation

Units are microeinsteins/meter squared/second.

Solid lines are full spectrum ($0.3 \mu\text{m} < \text{wavelength} < 2.5 \mu\text{m}$)

Dashed lines are visible spectrum ($0.4 \mu\text{m} < \text{wavelength} < 0.7 \mu\text{m}$)

