

**CLIMATIC DATA FOR WILLIAMS LAKE,
HUBBARD COUNTY, MINNESOTA,
1984**

By

A. M. Sturrock, D. O. Rosenberry, J. L. Scarborough, and T. C. Winter

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METRIC CONVERSION FACTORS

<i>Multiply</i>	<i>By</i>	<i>To obtain</i>
meter	3.281	feet
centimeter	0.394	inch
millibar	0.0145	pounds per square inch
millibar	1.0197	grams per square centimeter
mile per hour	1.609	kilometer per hour
calories per square centimeter per minute	1.433×10^{-3}	watts per square meter
calories per square centimeter per day	278.96	watts per square meter
calories per square centimeter per day	25.913	watts per square foot

To convert degrees Celsius ($^{\circ}\text{C}$) to degrees Fahrenheit ($^{\circ}\text{F}$) use the following formula: $(^{\circ}\text{C} \times 9/5) + 32 = ^{\circ}\text{F}$.

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ABSTRACT

Research on the hydrology of Williams Lake, north-central Minnesota includes study of evaporation. Presented here are those climatic data needed for energy-budget and mass-transfer studies, including: water-surface temperature, dry-bulb and wet-bulb air temperatures, wind speed, precipitation, and solar and atmospheric radiation. Data are collected at raft and land stations.

INTRODUCTION

Climatic data are being collected at Williams Lake, Hubbard County, Minnesota, as part of a continuing study by the U.S. Geological Survey of the hydrology of the lake. Williams Lake is one of several lakes in different parts of the United States that have been selected for intensive study of hydrological and related chemical and biological processes. The rationale for selection of Williams Lake is given by Siegel and Winter (1980).

DATA COLLECTION AND PRESENTATION

Data presented here are being collected principally for studies of evaporation. Therefore, the period of record includes only the time when the lake is ice-free. The period of record for 1984 is from April 29 (Julian day 118) through November 3 (Julian day 306), 1984. The interval from day 118 to 306 is the part of the year for which evaporation will be determined by the energy-budget method. Within each table, the data are grouped into energy-budget periods; the periods are defined by the dates thermal surveys were made in the lake. For example, the first energy-budget period is from day 118 through day 138.

Climatic instruments are located on a raft in the middle of the lake and at a land station. Instruments on the raft include anemometers at 1, 2, and 4 meters above the water surface, a thermistor psychrometer with wet- and dry-bulb temperature sensors fixed at 2 meters above the water surface, and a water-temperature sensor located beneath the raft at a water depth of about

1 centimeter. Data from the above sensors are recorded by a Cambell CR-21¹ digital data logger located on the raft. The data logger scans the sensors every minute and calculates hourly and daily averages, and totals. In addition, for selected sensors, maximum and minimum values and the time they occur are saved and recorded at midnight of each day. Additional analog instruments for measuring water-surface temperature and wind speed also are located on the raft. These are used to backup the primary instruments for quality control and for filling in missing data.

The land station consists of long- and short-wave radiometers, an anemometer at 2 meters above the land surface, a thermistor psychrometer also at 2 meters above land surface, and a tipping-bucket rain gage. Data from these sensors also are recorded by a digital data logger that operates similarly to that on the raft. Backup instruments include an analog hygrothermograph, a digital hygrothermograph, and a manually-read rain gage.

Calibration checks with independent laboratory thermometers and motorized psychrometers are made every few days at both stations.

Data presented here are daily summaries. For periods that the primary instruments were not operating properly, daily values were obtained by regression using data from backup instruments, provided a satisfactory statistical relationship could be established. Data used to establish regressions were selected so they bracketed the period of missing or inadequate data. Only table 1, which is considered to be the primary source of data for evaporation studies, includes values obtained by regression. These are noted by footnotes, and the regressions referred to are as follows:

Regression	Data points	r ² value
1. $Y = 3.021 + 0.893x$	30	0.96
2. $Y = 2.982 + 0.863x$	30	0.97
3. $Y = 0.940 + 1.650x$	30	0.60

Vapor pressure of water (e_o) is calculated using water-temperature data and assuming the air is completely saturated at the air-water interface.

Although only daily values are reported here, hourly values also were recorded. Hourly values are voluminous and expensive to reproduce, but they are available for all or part of the period of record on request.

¹The use of brand names in this report is for identification only, and does not constitute endorsement by the U.S. Geological Survey.

ACKNOWLEDGMENT

We are especially indebted to Ken Chase for allowing us to place climatic instruments on his property.

REFERENCE

Siegel, D. I., and Winter, T. C., 1980, Hydrologic setting of Williams Lake, Hubbard County, Minnesota: U.S. Geological Survey Open-File Report 80-403, 56 p.

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation.
(C, degrees Celsius; mb, millibars; mi/h, miles per hour; cal/cm²/day, calories per square centimeter per day)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					DAILY AVERAGES AT LAND STATION					BOWEN RATIO
	LAKE-SURFACE WATER TEMPERATURE (C)	DRY-BULB AIR TEMPERATURE (C)	WET-BULB AIR TEMPERATURE (C)	WATER VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)	DRY-BULB AIR TEMPERATURE (C)	WET-BULB AIR TEMPERATURE (C)	ATMOSPHERE VAPOR PRESSURE (mb)	BOWEN RATIO		
118.	9.890	7.950	7.060	12.184	9.485	7.840	6.601	8.949	.423		
119.	8.660	-243	-571	11.214	5.651	-887	-1.170	5.428	.941		
120.	8.180	4.191	1.555	10.855	5.155	3.859	.867	4.599	.411		
121.	7.790	.252	.196	10.571	6.160	-077	-0590	5.525	1.005		
122.	7.490	2.679	.987	10.356	5.483	2.133	.011	4.764	.580		
123.	8.240	5.411	2.339	10.899	5.269	4.791	1.246	4.426	.295		
124.	9.350	8.830	5.113	11.749	6.411	8.630	4.401	5.659	.057		
125.	10.150	9.190	5.554	12.398	6.736	8.700	4.559	5.808	.100		
126.	10.850	10.290	6.636	12.991	7.425	9.960	5.672	6.393	.059		
127.	10.810	8.330	7.950	12.956	10.443	7.680	7.120	9.738	.580		
128.	9.640	4.431	3.302	11.981	7.019	3.988	2.429	6.280	.617		
129.	8.580	4.539	1.186	11.154	4.520	4.269	.325	3.745	.358		
130.	9.230	8.330	4.640	11.655	6.144	8.620	4.105	5.305	.096		
131.	10.080	12.760	7.980	12.340	7.640	12.690	7.340	6.819	-.335		
132.	10.060	9.590	6.014	12.323	7.067	9.020	4.945	6.080	.053		
133.	10.720	8.750	6.150	12.879	7.780	8.580	5.596	7.179	.227		
134.	10.650	8.940	7.590	12.819	9.561	8.480	6.777	8.771	.309		
135.	11.080	10.090	5.820	13.191	6.498	9.210	4.486	5.392	.087		
136.	11.760	12.250	6.719	13.799	6.278	12.030	6.211	5.758	-.038		
137.	12.330	13.920	10.420	14.327	10.371	14.380	10.440	10.105	-.236		
138.	13.160	18.260	12.640	15.128	10.996	18.140	11.930	9.951	-.725		

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					LAND STATION DAILY AVERAGE			DAILY TOTALS AT LAND STATION		
	WIND SPEED AT 1 METER (mi/h)	WIND SPEED AT 2 METERS (mi/h)	WIND SPEED AT 4 METERS (mi/h)	WIND SPEED AVERAGE (mi/h)	WIND SPEED AT 2 METERS (mi/h)	PRECIPITATION (inches)	SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/d]	LONG-WAVE ATMOS. RADIATION [(cal/cm ²)/d]	LONG-WAVE SOLAR RADIATION [(cal/cm ²)/d]	ATMOS. RADIATION [(cal/cm ²)/d]	NET LONG-WAVE RADIATION [(cal/cm ²)/d]
118.	9.930	11.180	12.360	11.112	5.427	.190	208.300	751.000	208.300	751.000	
119.	11.240	11.950	12.550	11.901	8.890	0.000	223.800	682.200	223.800	682.200	
120.	4.961	5.796	6.446	5.702	3.301	0.000	397.600	802.000	397.600	802.000	
121.	11.410	12.760	14.450	12.814	8.800	0.000	277.000	689.500	277.000	689.500	
122.	6.670	7.400	7.740	7.256	5.440	0.000	408.300	789.000	408.300	789.000	
123.	1.759	2.442	2.364	2.165	2.074	0.000	514.800	809.000	514.800	809.000	
124.	2.410	3.349	3.411	3.020		0.000	507.800	631.100	507.800	631.100	
125.	2.857	3.440	3.455	3.238	2.376	0.000	497.100	565.600	497.100	565.600	
126.	2.578	2.953	2.756	2.758	2.175	0.000	457.000	577.000	457.000	577.000	
127.	3.955	4.604	5.086	4.524	2.903	.990	101.400	669.300	101.400	669.300	
128.	11.390	11.840	12.410	11.873	7.270	.280	150.600	607.200	150.600	607.200	
129.	13.770	14.590	15.540	14.615	8.220	0.000	486.200	510.800	486.200	510.800	
130.	4.948	5.329	5.372	5.213	3.263	0.000	642.100	537.300	642.100	537.300	
131.	6.302	7.000	7.540	6.929	4.363	0.000	505.200	611.700	505.200	611.700	
132.	9.870	10.510	11.130	10.491	7.690	0.000	495.600	572.600	495.600	572.600	
133.	3.799	4.199	4.306	4.095	2.488	.020	431.500	601.600	431.500	601.600	
134.	4.519	4.868	5.021	4.798	2.468	.010	223.000	629.200	223.000	629.200	
135.	3.309	3.607	3.600	3.503		0.000	615.300	537.000	615.300	537.000	
136.	6.023	6.766	7.890	6.851	3.298	0.000	679.500	574.300	679.500	574.300	
137.	9.070	10.140	12.050	10.349	3.919	.270	484.400	670.500	484.400	670.500	
138.	8.010	8.940	9.670	8.847	5.384	0.000	582.100	640.600	582.100	640.600	

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					DAILY AVERAGES AT LAND STATION					BOWEN RATIO
	LAKE-SURFACE WATER TEMPERATURE (c)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	WATER VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	ATMOSPHERE VAPOR PRESSURE (mb)	PRECIPITATION (inches)	SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/d]	
139.	13.830	17.730	10.910	15.803	8.651	17.350	9.940	7.458	0.000	690.400	609.700
140.	14.540	13.270	10.100	16.548	10.317	12.500	8.890	9.071	0.000	473.900	612.000
141.	15.180	14.930	10.980	17.245	10.560						
142.	15.480	14.860	13.300	17.580	14.260						
143.	15.380	12.470	8.940	17.468	9.161						
144.	15.620	14.100	9.100	17.739	8.340						
145.	15.850	17.460		18.002							
146.	15.650	7.940		17.773							
147.	15.380	7.930		17.468							
148.	15.680	10.690		17.807							
149.	16.020	10.740		18.199							
150.	16.830	12.110	7.870	19.162	7.907		6.617				.247
151.	17.060	15.960	10.410	19.443	9.043		9.710				.062

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					DAILY AVERAGES AT LAND STATION				
	WIND SPEED AT 1 METER (mi/h)	WIND SPEED AT 2 METERS (mi/h)	WIND SPEED AT 4 METERS (mi/h)	WIND SPEED AVERAGE (mi/h)	LAND STATION DAILY AVERAGE WIND SPEED AT 2 METERS (mi/h)	PRECIPITATION (inches)	SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/d]	LONG-WAVE ATMOS. RADIATION [(cal/cm ²)/d]		
139.	8.100	8.730	9.100	8.633	6.230	0.000	690.400	609.700		
140.	4.967	5.374	5.351	5.227	3.706	0.000	473.900	612.000		
141.	5.958	6.829	7.970	6.870						
142.	3.978	4.663	5.143	4.569						
143.	6.091	7.000	8.100	7.016						
144.	5.436	6.325	7.240	6.291						
145.	8.190	9.570	11.180	9.569						
146.	5.112	5.985	6.475	5.830						
147.	3.814	4.430	4.690	4.295						
148.	2.610	3.025	2.946	2.855						
149.	2.738	3.195	3.229	3.045						
150.	2.128	2.546	2.439	2.364		0.000	615.000	554.600		
151.	5.286	6.166	6.996	6.109	3.001	0.000	654.900	606.000		

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					DAILY AVERAGES AT LAND STATION					BOWEN RATIO
	LAKE-SURFACE WATER TEMPERATURE (c)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	WATER VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	ATMOSPHERE VAPOR PRESSURE (mb)	BOWEN RATIO		
152.	17.730	20.310	15.280	20.284	14.101		15.330	27.333		-.245	
153.	18.270	16.410	14.360	20.985	15.031		13.630	24.403		.184	
154.	17.970	15.850	10.830	20.593	9.741	14.640	9.900	9.143		.115	
155.	18.540	16.970	12.640	21.343	11.828	14.880	11.880	11.974		.097	
156.	18.810	16.550	15.430	21.707	16.799	15.630	14.820	16.326		.271	
157.	19.250	18.680	16.620	22.311	17.573	18.530		20.836		.071	
158.	19.850	19.690	18.990	23.159	21.498	19.570		22.843		.057	
159.	20.240	19.630	17.810	23.725	19.206	19.820		22.227		.079	
160.	19.870	15.640	15.060	23.116	16.737	15.060	14.140	15.530		.385	
161.	19.600	14.940	13.450	22.802	14.455	14.880	12.800	13.434		.328	
162.	18.830	11.020	10.200	21.734	11.912	10.740	9.430	10.971		.467	
163.	18.580	12.420	11.420	21.397	12.847	12.280	10.700	11.844		.424	
164.	19.260	18.700	17.350	22.325	18.928	18.550	16.800	17.991		.097	
165.	19.400	16.290	13.480	22.521	13.633	16.140	12.660	12.396		.206	
166.	19.440	14.000	13.210	22.577	14.668	13.580	12.210	13.331		.404	
167.	19.180	15.700	15.070	22.214	16.715	16.100	14.700	15.814		.372	
168.	19.250	17.770	17.580	22.311	19.970	17.960	17.060	18.860		.372	
169.	19.420	18.860	18.660	22.549	21.375	18.720	18.070	20.301		.280	
170.	19.740	18.090	14.880	23.002	14.838	17.440	13.680	13.221		.119	

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION				LAND STATION		DAILY TOTALS AT LAND STATION		
	WIND SPEED AT 1 METER (mi/h)	WIND SPEED AT 2 METERS (mi/h)	WIND SPEED AT 4 METERS (mi/h)	WIND SPEED AVERAGE (mi/h)	DAILY AVERAGE WIND SPEED AT 2 METERS (mi/h)	PRECIPITATION (inches)	SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/d]	LONG-WAVE ATMOS. RADIATION [(cal/cm ²)/d]	
152.	6.712	7.650	8.800	7.674	2.798	0.000	662.900	674.000	
153.	4.245	4.944	5.564	4.888	2.580	.510	201.800	727.000	
154.	5.504	6.378	7.260	6.340	5.246	0.000	655.000	611.700	
155.	3.831	4.534	5.058	4.446	3.213	.030	617.800	650.900	
156.	5.747	6.505	7.400	6.516	2.748	.790	177.100	739.000	
157.	4.597	5.432	6.193	5.368	3.556	.010	645.100	723.000	
158.	6.101	7.090	8.200	7.079	2.754	.810	190.700	780.000	
159.	4.897	5.575	6.505	5.621	2.746	.250	402.400	758.000	
160.	6.935	8.040	9.320	8.040	6.923	.510	178.000	734.000	
161.	2.835	3.236	3.352	3.133	2.365	0.000	364.600	714.000	
162.	5.628	5.987	6.286	5.961	2.811	.850	246.700	662.900	
163.	4.153	4.828	5.406	4.768	2.029	.040	404.300	695.800	
164.	4.012	4.437	4.479	4.304	2.778	.150	434.900	744.000	
165.	6.330	6.938	7.300	6.844	4.005	0.000	617.700	655.900	
166.	3.381	3.919	4.172	3.809	2.510	.010	275.700	692.100	
167.	5.684	6.430	7.390	6.464	2.666	.010	262.900	744.000	
168.	4.242	5.015	5.761	4.967	1.587	0.000	142.500	792.000	
169.	3.112	3.745	4.139	3.640	1.522	.390	149.700	779.000	
170.	5.907	6.224	6.363	6.162	4.157	0.000	734.000	657.600	

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					DAILY AVERAGES AT LAND STATION					BOWEN RATIO
	LAKE-SURFACE WATER TEMPERATURE (c)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	WATER VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	ATMOSPHERE VAPOR PRESSURE (mb)	PRECIPITATION (inches)	SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/d]	
171.	19.830	14.060	13.070	23.130	14.400	13.210	11.920	13.114	.080	123.500	724.000
172.	19.860	17.910	15.830	23.173	16.632	18.630	15.600	15.754	0.000	535.500	728.000
173.	19.990	18.040	17.710	23.361	20.045	18.070	17.230	19.109	.440	147.800	768.000
174.	20.560	19.590	18.530	24.198	20.642	20.150	18.260	19.745	.010	396.600	742.000
175.	20.470	16.880	14.330	24.094	14.676	16.370	13.350	13.367	0.000	532.500	666.700
176.	20.510	16.880	13.180	24.124	12.759	16.260	14.440	15.264	0.000	735.000	642.500
177.	21.220	19.940	15.730	25.201	15.138	19.210	16.430	16.879	0.000	698.300	702.000
178.	21.400	18.020	15.780	25.480	16.471	17.480	14.890	16.879	.150	408.700	713.000
179.	21.010	18.480	15.240	24.878	15.215	18.590	18.470	21.172	0.000	677.500	653.900
180.	22.000	18.490	14.870	26.432	14.562	17.560	14.930	15.268	0.000	649.100	665.100
181.	22.660	17.980	14.760	27.515	14.702	17.020	13.660	13.459	0.000	720.000	655.100
182.	23.020	19.580	15.640	28.121	15.211	18.960	15.100	14.659	0.000	272.100	669.600
183.	22.950	18.710	16.910	28.003	18.092	17.590	15.960	17.073	.060	272.100	714.000
184.	23.120	21.250	18.710	28.292	19.922	20.690	18.060	19.003	.250	647.300	754.000
185.	23.690	20.400	16.120	29.282	15.543	19.510	15.420	14.865	.020	683.900	693.300

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					DAILY AVERAGES AT LAND STATION					BOWEN RATIO
	LAKE-SURFACE WATER TEMPERATURE (C)	DRY-BULB AIR TEMPERATURE (C)	WET-BULB AIR TEMPERATURE (C)	WATER VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)	DRY-BULB AIR TEMPERATURE (C)	WET-BULB AIR TEMPERATURE (C)	ATMOSPHERE VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)		
186.	23.630	18.740	15.020	29.176	14.661	17.140	13.560	13.216	13.216	.198	
187.	23.440	16.770	13.620	28.844	13.554	15.860	12.630	12.528	12.528	.256	
188.	22.770	13.160	10.500	27.699	10.979	12.350	9.520	10.065	10.065	.338	
189.	22.610	15.580	12.070	27.431	11.821	14.720	11.290	11.166	11.166	.265	
190.	22.760	20.560	17.820	27.682	18.621	20.670	17.840	18.589	18.589	.143	
191.	23.450	21.570	20.000	28.861	22.354	21.410	19.520	21.460	21.460	.170	
192.	23.630	20.480	17.440	29.176	17.944	19.370	16.360	16.647	16.647	.165	
193.	23.860	21.280	17.160	29.583	16.895	19.860	15.730	15.190	15.190	.120	
194.	24.490	23.380	17.660	30.722	16.483	22.110	16.590	15.294	15.294	.046	
195.	24.950	24.080	20.030	31.577	20.784	24.450	20.030	20.543	20.543	.047	
196.	25.070	22.390	18.820	31.804	19.401	21.240	17.700	17.949	17.949	.127	
197.	24.050	18.010	14.930	29.922	14.977	16.600	13.490	13.449	13.449	.238	
198.	23.400	16.470	15.010	28.775	16.112	14.780	13.390	14.459	14.459	.322	
199.	22.840	15.940	13.120	27.817	13.268	15.030	12.010	12.081	12.081	.279	
200.	23.110	18.640	14.940	28.275	14.587	17.340	13.550	13.070	13.070	.192	
201.	23.530	20.080	16.220	29.001	15.932	19.630	15.530	14.983	14.983	.155	
202.	24.190	20.040	16.280	30.175	16.067	18.880	14.970	14.484	14.484	.173	
203.	24.130	23.860	19.560	30.066	19.950	23.440	19.060	19.202	19.202	.016	

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					LAND STATION					DAILY TOTALS AT LAND STATION		
	WIND SPEED AT 1 METER (mi/h)	WIND SPEED AT 2 METERS (mi/h)	WIND SPEED AT 4 METERS (mi/h)	WIND SPEED AVERAGE (mi/h)	DAILY AVERAGE WIND SPEED AT 2 METERS (mi/h)	PRECIPITATION (inches)	SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/d]	LONG-WAVE ATMOS. RADIATION [(cal/cm ²)/d]	LONG-WAVE RADIATION [(cal/cm ²)/d]				
186.	5.512	5.765	5.728	5.667	3.760	0.000	668.700	686.800	686.800				
187.	7.200	7.570	7.630	7.464	4.125	0.000	607.000	648.800	648.800				
188.	5.448	5.773	5.705	5.640	2.505	0.000	644.700	592.900	592.900				
189.	4.187	4.761	5.123	4.674	1.854	.110	609.500	671.700	671.700				
190.	5.853	6.719	7.800	6.744	2.322	.010	493.600	770.000	770.000				
191.	2.638	3.150	3.379	3.039	1.451	.020	308.700	760.000	760.000				
192.	1.962	2.257	2.221	2.143	1.652	0.000	506.200	718.000	718.000				
193.	4.190	4.555	4.555	4.430	2.985	0.000	685.600	701.000	701.000				
194.	4.429	5.076	5.351	4.937	2.594	0.000	687.700	715.000	715.000				
195.	5.363	6.097	7.120	6.152	2.537	0.000	651.400	750.000	750.000				
196.	4.734	5.091	5.215	5.009	3.357	0.000	363.700	727.000	727.000				
197.	8.150	8.660	8.900	8.564	5.173	0.000	512.900	667.900	667.900				
198.	3.036	3.329	3.027	3.128	1.725	.180	255.700	696.000	696.000				
199.	6.887	7.220	7.400	7.166	3.343	.010	634.600	646.600	646.600				
200.	4.174	4.595	4.624	4.459	2.733	0.000	655.300	675.900	675.900				
201.	3.562	3.801	3.805	3.721	2.073	0.000	614.800	684.100	684.100				
202.	2.422	2.735	2.969	2.699	1.559	0.000	640.000	680.700	680.700				
203.	6.805	7.870	9.230	7.907	2.775	0.000	603.700	737.000	737.000				

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					DAILY AVERAGES AT LAND STATION					BOWEN RATIO
	LAKE-SURFACE WATER TEMPERATURE (c)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	WATER VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	ATMOSPHERE VAPOR PRESSURE (mb)	WET-BULB AIR TEMPERATURE (c)	ATMOSPHERE VAPOR PRESSURE (mb)	
204.	24.200	25.730	21.560	30.193	23.013	25.420	21.530	23.149	21.530	23.149	.125
205.	24.250	19.690	15.850	30.283	15.515	18.660	14.910	14.522	14.910	14.522	.181
206.	24.300	19.730	16.320	30.374	16.341	18.720	15.460	15.447	15.460	15.447	.191
207.	24.250	19.280	16.440	30.283	16.852	18.200	15.590	16.015	15.590	16.015	.218
208.	24.400	19.010	15.880	30.557	16.009	17.900	14.950	15.083	14.950	15.083	.218
209.	24.430	19.640	16.390	30.612	16.527	18.610	15.540	15.661	15.540	15.661	.200
210.	24.450	20.480	16.950	30.648	17.020	19.550	16.190	16.220	16.190	16.220	.171
211.	24.500	21.800	17.230	30.740	16.690	21.020	16.510	15.853	16.510	15.853	.113
212.	24.550	22.960	18.370	30.832	18.136	22.330	17.830	17.492	17.830	17.492	.074
213.	24.600	23.870	20.620	30.924	22.172	23.340	20.440	22.132	20.440	22.132	.049
214.	24.620	23.370	20.000	30.961	21.183	22.780	19.720	20.983	19.720	20.983	.075
215.	24.650	20.660	18.590	31.017	20.066	19.750	18.090	19.672	18.090	19.672	.214
216.	24.700	21.240	17.120	31.110	16.846	20.400	16.380	16.016	16.380	16.016	.143
217.	24.750	19.740	18.050	31.203	19.600	18.720	17.460	19.124	17.460	19.124	.254
218.	24.870	23.050	20.710	31.427	22.899	22.760	20.980	23.673	20.980	23.673	.125
219.	25.460	24.870	21.730	32.550	23.953	24.380	21.900	24.654	21.900	24.654	.040
220.	25.540	22.500	20.330	32.705	22.424	21.520	20.080	22.554	20.080	22.554	.174
221.	25.200	22.880	18.420	32.051	18.287	21.720	17.990	18.198	17.990	18.198	.099

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION			LAND STATION DAILY AVERAGE		DAILY TOTALS AT LAND STATION		
	WIND SPEED AT 1 METER (mi/h)	WIND SPEED AT 2 METERS (mi/h)	WIND SPEED AVERAGE (mi/h)	WIND SPEED AT 2 METERS (mi/h)	PRECIPITATION (inches)	SOLAR RADIATION [(cal/cm ²)/d]	SHORT-WAVE RADIATION [(cal/cm ²)/d]	LONG-WAVE RADIATION [(cal/cm ²)/d]
204.		7.393		3.911	.090		525.400	799.000
205.		4.842		2.365	0.000		459.900	699.000
206.		4.075		1.900			494.500	
207.		3.250		1.400			299.700	
208.		4.108		1.920	.060		604.000	691.900
209.		4.007		1.859	0.000		621.100	693.000
210.		3.496		1.549	0.000		482.600	706.000
211.		4.933		2.420	0.000		575.300	693.700
212.		5.949		3.036	0.000		408.600	740.000
213.		4.217		1.986	.040		491.800	723.000
214.		6.001		3.067	.020		590.100	703.000
215.		5.375		2.688	0.000		308.700	713.000
216.		4.737		2.301	0.000		589.500	668.300
217.		3.469		1.533	.570		198.900	736.000
218.	1.575	1.993	1.890	1.262	.010		359.500	767.000
219.	2.415	2.959	2.812	1.601	.010		438.500	764.000
220.	2.962	3.291	3.221	1.658	.260		276.300	756.000
221.	4.591	4.964	4.902	3.138	0.000		567.300	704.000

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					DAILY AVERAGES AT LAND STATION					BOWEN RATIO
	LAKE-SURFACE WATER TEMPERATURE (C)	DRY-BULB AIR TEMPERATURE (C)	WET-BULB AIR TEMPERATURE (C)	WATER VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)	DRY-BULB AIR TEMPERATURE (C)	WET-BULB AIR TEMPERATURE (C)	ATMOSPHERE VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)		
222.	24.850	19.570	15.570	31.390	15.092	18.420	15.260	15.289	15.289	.190	
223.	24.500	19.090	16.520	30.740	17.122	18.190	16.280	17.266	17.266	.234	
224.	24.490	19.050	16.580	30.722	17.259	19.250	16.610	17.185	17.185	.238	
225.	24.520	22.390	20.660	30.777	23.222	22.410	19.490	20.748	20.748	.166	
226.	25.170	26.220	22.110	31.994	23.930	26.220	22.210	24.157	24.157	-.077	
227.	25.460	25.440	20.600	32.550	21.107	24.510	20.740	22.013	22.013	.001	
228.	25.380	21.350	17.860	32.396	18.186	20.290	17.430	18.049	18.049	.167	
229.	25.270	20.370	16.720	32.185	16.662	19.090	16.030	16.228	16.228	.186	
230.	25.430	22.270	18.650	32.492	19.139	21.260	17.960	18.438	18.438	.139	
231.	25.250	19.770	15.540	32.146	14.910	18.210	14.580	14.243	14.243	.187	
232.	25.210	21.680	16.640	32.070	15.665	19.640	15.800	15.458	15.458	.126	
233.	24.500	20.570	17.590	30.740	18.173	19.690	17.370	18.324	18.324	.184	
234.	24.170	21.130	16.560	30.138	15.874	20.050	15.970	15.498	15.498	.125	
235.	23.320	13.920	10.920	28.636	11.119	13.040	10.560	11.146	11.146	.315	
236.	22.930	16.370	13.950	27.969	14.363	14.930	12.290	12.587	12.587	.283	
237.	22.590	18.640	16.760	27.398	17.858	17.900	15.310	15.713	15.713	.243	
238.	22.720	21.580	19.570	27.615	21.453	21.310	18.420	19.307	19.307	.109	
239.	23.170	23.670	21.490	28.378	24.201	23.350	20.730	22.747	22.747	-.070	

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					LAND STATION					DAILY TOTALS AT LAND STATION				
	WIND SPEED AT 1 METER (mi/h)	WIND SPEED AT 2 METERS (mi/h)	WIND SPEED AT 4 METERS (mi/h)	WIND SPEED AVERAGE (mi/h)	DAILY AVERAGE WIND SPEED AT 2 METERS (mi/h)	PRECIPITATION (inches)	SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/d]	LONG-WAVE ATMOS. RADIATION [(cal/cm ²)/d]	PRECIPITATION (inches)	SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/d]	LONG-WAVE ATMOS. RADIATION [(cal/cm ²)/d]				
222.	5.932	6.361	6.632	6.302	3.729	0.000	507.300	654.800	0.000	507.300	654.800				
223.	3.263	3.567	3.683	3.500	1.888	0.000	352.000	694.900	0.000	352.000	694.900				
224.	5.224	5.198	6.994	5.748	2.727	0.000	583.600	662.300	0.000	583.600	662.300				
225.	7.010	8.210	9.590	8.203	2.897	0.000	543.100	713.000	0.000	543.100	713.000				
226.	5.293	6.280	7.180	6.203	2.017	0.000	551.900	723.000	0.000	551.900	723.000				
227.	6.160	6.645	7.030	6.602	2.764	.040	426.900	716.000	0.000	426.900	716.000				
228.	4.038	4.388	4.583	4.330	2.049	0.000	557.000	618.700	0.000	557.000	618.700				
229.	3.590	4.225	4.886	4.200	1.922	0.000	530.400	556.800	0.000	530.400	556.800				
230.	4.025	4.432	4.746	4.391	2.074	0.000	531.000	446.900	0.000	531.000	446.900				
231.	3.109	3.393	3.537	3.342	1.966	0.000	570.900	353.700	0.000	570.900	353.700				
232.	4.183	4.718	5.001	4.621	1.911	0.000	536.700	374.600	0.000	536.700	374.600				
233.	6.821	7.680	8.220	7.551	2.669	.890	207.700	423.200	.890	207.700	423.200				
234.	5.433	5.850	6.087	5.784	3.935	0.000	542.200	725.000	0.000	542.200	725.000				
235.	7.150	7.520	7.910	7.520	3.627	0.000	336.200	690.200	0.000	336.200	690.200				
236.	3.578	4.068	4.262	3.959	1.615	0.000	552.400	679.400	0.000	552.400	679.400				
237.	6.749	7.970	8.840	7.805	2.524	.120	441.400	734.000	.120	441.400	734.000				
238.	6.268	7.180	7.650	7.009	2.441	.010	508.700	773.000	.010	508.700	773.000				
239.	5.805	6.497	6.778	6.347	2.257	0.000	427.300	803.000	0.000	427.300	803.000				

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					DAILY AVERAGES AT LAND STATION					BOWEN RATIO
	LAKE-SURFACE WATER TEMPERATURE (c)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	WATER VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	ATMOSPHERE VAPOR PRESSURE (mb)	BOWEN RATIO		
240.	24.180	24.780	22.900	30.157	26.691	24.050	19.910	20.552	-.102		
241.	24.820	25.920	23.720	31.333	27.897	24.200	18.900	18.386	-.188		
242.	23.540	18.860	16.450	29.018	17.143	17.030	12.750	11.966	.232		
243.	22.600	15.640	10.290	27.415	9.072	13.510	9.200	8.861	.223		
244.	21.930	13.250	10.720	26.320	11.250	11.130	9.630	11.008	.339		
245.	21.180	13.390	11.480	25.139	12.315	12.360	10.970	12.200	.357		
246.	20.480	13.000	11.880	24.079	13.186	11.970	11.570	13.369	.404		
247.	20.170	13.870	11.230	23.622	11.622	12.470	10.570	11.528	.309		
248.	19.880	12.600	10.130	23.202	10.792	11.430	9.330	10.384	.345		
249.	19.670	13.150	9.880	22.902	10.072	11.430	9.110	10.070	.299		
250.	19.170	15.370	12.280	22.200	12.287	14.660	12.510	13.111	.225		
251.	18.630	14.630	13.170	21.464	14.195	13.610	13.030	14.626	.323		
252.	18.040	11.710	10.050	20.684	11.247	10.420	9.710	11.581	.394		
253.	17.660	11.880	10.190	20.195	11.344	10.490	9.610	11.391	.384		
254.	17.460	11.940	9.700	19.942	10.589	10.430	8.960	10.500	.347		
255.	17.530	11.270	8.310	20.030	9.051	9.810	7.480	8.855	.335		
256.	17.060	13.860	12.820	19.443	14.124	12.950	12.520	14.230	.354		
257.	16.770	12.310	9.860	19.089	10.583	10.900	9.320	10.710	.308		

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station--(1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION				LAND STATION		DAILY TOTALS AT LAND STATION			
	WIND SPEED AT 1 METER (mi/h)	WIND SPEED AT 2 METERS (mi/h)	WIND SPEED AT 4 METERS (mi/h)	WIND SPEED AVERAGE (mi/h)	DAILY AVERAGE WIND SPEED AT 2 METERS (mi/h)	PRECIPITATION (inches)	SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/d]	LONG-WAVE ATMOS. RADIATION [(cal/cm ²)/d]		
240.	2.952	3.361	3.381	3.225	1.848	0.000	510.200	760.000		
241.	2.743	3.041	3.091	2.954	1.646	0.000	431.000	790.000		
242.	4.014	4.234	4.239	4.181	2.168	.010	198.300	713.000		
243.	6.565	7.010	7.160	6.907	4.799	0.000	527.700	603.100		
244.	1.998	2.174	1.730	1.959	1.239	0.000	144.400	691.600		
245.	4.159	4.428	4.754	4.440	4.689	.120	96.500	725.000		
246.	3.072	3.288	3.211	3.189	2.045	.020	101.600	731.000		
247.	3.323	3.542	3.520	3.460	2.001	0.000	381.900	656.700		
248.	4.208	4.478	4.486	4.389	2.007	0.000	443.200	607.900		
249.	3.281	3.801	4.113	3.716	1.433	0.000	375.900	637.100		
250.	8.510	9.680	11.600	9.850	3.714	.100	234.400	683.200		
251.	5.955	6.569	7.130	6.534	2.373	.130	62.710	711.000		
252.	5.228	5.744	5.954	5.634	2.262	.140	152.900	663.300		
253.	3.655	3.845	3.958	3.817	2.299	.070	176.800	662.900		
254.	3.973	4.255	4.361	4.193	2.688	0.000	288.000	651.400		
255.	2.790	3.098	3.228	3.033	2.357	0.000	378.800	616.000		
256.	4.728	5.156	5.730	5.189	3.535	.310	77.200	723.000		
257.	6.364	6.676	7.010	6.678	4.010	0.000	229.900	635.000		

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					DAILY AVERAGES AT LAND STATION					BOWEN RATIO
	LAKE-SURFACE WATER TEMPERATURE (c)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	WATER VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	ATMOSPHERE VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)		
258.	16.470	8.780	6.112	18.728	7.711	6.971	5.086	7.567	7.567	.410	
259.	16.330	9.170	6.764	18.562	8.311	7.150	4.674	6.941	6.941	.411	
260.	16.240	12.640	8.680	18.456	8.686	11.050	7.480	8.059	8.059	.217	
261.	16.190	16.140	12.050	18.397	11.428	15.480	11.570	11.107	11.107	.004	
262.	16.540	18.680	13.690	18.812	12.437	17.930	13.590	12.755	12.755	-.197	
263.	16.990	20.150	13.010	19.357	10.372	18.660	12.600	10.674	10.674	-.207	
264.	17.000	12.800	8.780	19.370	8.723	11.190	8.220	8.978	8.978	.232	
265.	16.810	18.020	12.380	19.138	10.736	17.690	13.010	11.960	11.960	-.085	
266.	16.780	17.180	11.080	19.101	9.262	16.260	11.020	9.764	9.764	-.024	
267.	15.980	4.324	2.218	18.152	5.823	3.201	1.753	6.009	6.009	.556	
268.	15.110	5.387	4.533	17.167	7.894	4.477	4.154	8.012	8.012	.616	
269.	14.210	2.230	1.053	16.198	5.842	.959	.269	5.790	5.790	.680	
270.	13.580	4.403	1.843	15.548	5.345	3.171	1.112	5.309	5.309	.529	
271.	13.240	5.863	3.410	15.207	6.233	4.868	3.058	6.452	6.452	.483	
272.	12.830	4.014	1.467	14.805	5.168	2.146	.277	5.043	5.043	.538	
273.	12.610	6.328	2.974	14.593	5.422	4.190	1.369	4.946	4.946	.403	
274.	12.640	6.976	3.544	14.622	5.682	5.152	2.227	5.306	5.306	.372	

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION				LAND STATION DAILY AVERAGE		DAILY TOTALS AT LAND STATION			
	WIND SPEED AT 1 METER (mi/h)	WIND SPEED AT 2 METERS (mi/h)	WIND SPEED AT 4 METERS (mi/h)	WIND SPEED AVERAGE (mi/h)	WIND SPEED AT 2 METERS (mi/h)	PRECIPITATION (inches)	SOLAR RADIATION [(cal/cm ²)/d]	SHORT-WAVE [(cal/cm ²)/d]	ATMOS. RADIATION [(cal/cm ²)/d]	LONG-WAVE RADIATION [(cal/cm ²)/d]
258.	4.586	4.736	4.766	4.695	2.105	0.000	347,700	347,700	582,300	582,300
259.	3.043	3.080	2.890	3.003	2.060	0.000	383,200	383,200	560,700	560,700
260.	5.607	6.072	6.312	5.990	2.489	0.000	433,600	433,600	585,900	585,900
261.	6.995	7.700	8.100	7.584	2.818	0.000	417,800	417,800	609,500	609,500
262.	4.074	4.359	4.588	4.335	2.625	0.000	435,000	435,000	635,100	635,100
263.	5.846	6.302	6.848	6.319	3.425	0.000	421,700	421,700	663,100	663,100
264.	3.207	3.277	3.355	3.279	1.766	0.000	376,500	376,500	582,300	582,300
265.	8.490	9.710	11.730	9.889	4.176	0.000	405,100	405,100	644,800	644,800
266.	8.390	8.880	9.490	8.909	5.450	.030	365,200	365,200	628,800	628,800
267.	5.542	5.629	6.080	5.746	3.837	.260	61,640	61,640	587,500	587,500
268.	6.191	6.387	6.907	6.488	4.063	.410	69,030	69,030	652,500	652,500
269.	8.340	8.720	9.270	8.768	5.423	.050	88,500	88,500	556,000	556,000
270.	4.608	4.604	4.754	4.655	2.309	0.000	398,400	398,400	538,300	538,300
271.	4.331	4.394	4.541	4.421	2.223	.020	170,000	170,000	586,500	586,500
272.	4.581	4.673	4.750	4.667	2.969	0.000	362,600	362,600	476,200	476,200
273.	4.075	4.132	4.118	4.128	2.802	0.000	404,000	404,000	508,800	508,800
274.	2.523	2.452	2.481	2.485	1.638	0.000	389,100	389,100	489,300	489,300

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION										DAILY AVERAGES AT LAND STATION				
	LAKE-SURFACE WATER TEMPERATURE (c)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	WATER VAPOR PRESSURE (mb)	WIND SPEED AT 2 METERS (mi/h)	WIND SPEED AT 4 METERS (mi/h)	WIND SPEED AT 10 METERS (mi/h)	ATMOSPHERE VAPOR PRESSURE (mb)	DRY-BULB AIR TEMPERATURE (c)	WET-BULB AIR TEMPERATURE (c)	PRECIPITATION (inches)	SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/d]	LONG-WAVE ATMOS. RADIATION [(cal/cm ²)/d]	BOWEN RATIO	
275.	12.570	10.360	5.141	14.555	5.467	5.467	5.467	8.590	3.938	5.123	0.000	389.900	546.900	.143	
276.	12.420	14.480	8.120	14.412	6.728	6.728	6.728	13.610	7.690	6.700	0.000	322.900	580.300	-.158	
277.	12.460	11.390	6.940	14.450	7.121	7.121	7.121	10.480	6.420	7.022	0.000	353.500	532.500	.086	
278.	12.430	12.820	8.500	14.422	8.319	8.319	8.319	11.940	8.330	8.648	0.000	176.800	653.500	-.038	
279.	12.410	12.690	9.690	14.403	10.092	10.092	10.092	12.400	10.030	10.774	0.000	274.500	624.300	-.038	
280.	12.770	14.400	12.460	14.747	13.199	13.199	13.199	14.110	12.780	13.898	.080	175.800	714.000	-.619	
281.	12.900	13.290	12.330	14.873	13.708	13.708	13.708	12.520	12.170	13.951	0.000	32.920	733.000	-.197	
282.	12.870	13.360	11.420	14.844	12.242	12.242	12.242	12.000	10.980	12.447	0.000	171.100	666.900	-.111	
283.	12.970	12.940	11.110	14.941	12.038	12.038	12.038	12.120	11.020	12.430	0.000	155.800	680.700	.006	
284.	12.990	15.050	12.990	14.961	13.631	13.631	13.631	16.580	13.090	14.265	0.000	92.600	714.000	-.911	
285.	13.240	17.120	14.810	15.207	15.344	15.344	15.344	16.710	15.040	16.094	0.000	128.400	746.000	16.650	
286.	13.570	17.280	14.860	15.538	15.328	15.328	15.328	18.590	15.060	16.044	0.000	211.000	723.000	-10.350	
287.	13.950	19.070	15.680	15.927	15.612	15.612	15.612	18.590	15.930	16.371	0.000	211.000	710.000	-9.557	

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					DAILY AVERAGES AT LAND STATION					BOWEN RATIO
	LAKE-SURFACE WATER TEMPERATURE (C)	DRY-BULB AIR TEMPERATURE (C)	WET-BULB AIR TEMPERATURE (C)	WATER VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)	DRY-BULB AIR TEMPERATURE (C)	WET-BULB AIR TEMPERATURE (C)	ATMOSPHERE VAPOR PRESSURE (mb)	ATMOSPHERE VAPOR PRESSURE (mb)		
288.	14.150	15.470	14.430	16.135	15.758	14.770	14.300	15.989	15.989	-2.057	
289.	14.060	13.770	12.650	16.041	13.909	13.000	12.450	14.086	14.086	.080	
290.	13.340	5.758	4.172	15.307	7.216	4.845	3.908	7.479	7.479	.551	
291.	12.510	5.695	3.266	14.498	6.169	4.713	2.908	6.375	6.375	.481	
292.	12.030	7.590	5.655	14.047	7.888	6.630	5.473	8.272	8.272	.424	
293.	11.390	4.263	3.364	13.465	7.200	3.370	2.983	7.320	7.320	.669	
294.	10.740	3.686	2.631	12.896	6.707	2.772	2.268	6.870	6.870	.672	
295.	10.400	3.184	1.994	12.607	6.294	2.144	1.478	6.372	6.372	.670	
296.	10.040	2.346	.988	12.307	5.696	1.204	.407	5.784	5.784	.684	
297.	9.630	2.174	.524	11.973	5.295	.682	-.347	5.302	5.302	.656	
298.	9.310	5.149	3.201	11.718	6.441	4.016	2.701	6.578	6.578	.464	
299.	9.100	6.479	4.846	11.553	7.583	5.859	4.751	7.861	7.861	.388	
300.	9.010	9.610	7.400	11.483	8.875	8.920	7.390	9.304	9.304	-.135	
301.	9.020	8.350	7.100	11.491	9.282	7.480	6.873	9.538	9.538	.178	
302.	8.380	-3.020	-3.900	11.004	4.022	-4.250	-4.530	4.190	4.190	.960	
303.	7.940	1.956	.120	10.679	4.994	.879	-.556	4.954	4.954	.619	
304.	7.370	-4.780	-5.310	10.272	3.782	-6.150	-6.310	3.714	3.714	1.100	
305.	6.744	-.803	-1.210	9.840	5.333	-1.610	-1.930	5.100	5.100	.984	
306.	5.818	-9.340	-9.820	9.230	2.602	-10.300	-10.500	2.626	2.626	1.344	

Table 1. Summary of 1984 energy budget data: Raft station--(1) daily average lake-surface water temperature, (2) daily average dry- and wet-bulb air temperature, (3) daily average vapor pressure at water surface and 2 meters above water surface, (4) Bowen ratio, and (5) daily average wind speed at three levels above lake surface; Land station-- (1) daily average dry- and wet-bulb air temperature, (2) daily average vapor pressure, (3) daily average wind speed at 2 meters above land surface, (4) daily total precipitation, and (5) daily total short and long-wave radiation. (continued)

JULIAN DAY	DAILY AVERAGES AT RAFT STATION					LAND STATION DAILY AVERAGE					DAILY TOTALS AT LAND STATION		
	WIND SPEED AT 1 METER (mi/h)	WIND SPEED AT 2 METERS (mi/h)	WIND SPEED AT 4 METERS (mi/h)	WIND SPEED AVERAGE (mi/h)	WIND SPEED AT 2 METERS (mi/h)	PRECIPITATION (inches)	SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/d]	LONG-WAVE ATMOS. RADIATION [(cal/cm ²)/d]	LONG-WAVE SOLAR RADIATION [(cal/cm ²)/d]	ATMOS. RADIATION [(cal/cm ²)/d]	PRECIPITATION (inches)	WIND SPEED AT 2 METERS (mi/h)	WIND SPEED AVERAGE (mi/h)
288.	5.445	6.300	7.370	6.323	2.576	2.070	27.330	758.000					
289.	9.910	11.000	12.620	11.122	6.425	1.830	31.820	741.000					
290.	6.543	6.934	7.370	6.941	2.842	.610	70.450	605.600					
291.	7.990	8.600	9.250	8.598	4.469	.330	280.400	535.400					
292.	7.230	8.170	9.560	8.266	6.598	1.060	34.240	651.400					
293.	8.870	9.260	9.840	9.315	6.567	1.110	45.670	636.800					
294.	6.995	7.170	7.470	7.209	3.969	.040	62.140	620.300					
295.	5.216	5.390	5.532	5.378	3.820	.010	133.000	586.300					
296.	4.774	4.946	5.082	4.932	3.006	.030	109.000	577.600					
297.	4.240	4.360	4.416	4.338	2.037	0.000	116.800	537.100					
298.	4.949	5.123	5.372	5.145	2.291	0.000	168.700	539.400					
299.	6.212	6.489	6.870	6.518	2.969	0.000	87.700	606.100					
300.	7.340	7.760	8.320	7.796	1.969	0.000	180.700	592.000					
301.	9.790	10.370	10.980	10.369	6.106	.060	35.620	655.100					
302.	6.453	6.689	7.050	6.726	4.390	0.000	188.600	463.800					
303.	6.478	6.759	7.220	6.812	2.669	0.000	255.900	475.900					
304.	6.838	7.110	7.470	7.135	4.064	0.000	259.100	381.300					
305.	7.950	8.320	6.763	7.648	3.293	.010	25.600	586.200					
306.	13.300	14.040	14.970	14.087	10.590	0.000	208.900	424.900					

- 1/ Interpolated from plot of water temperatures bracketing missing period.
- 2/ Calculated by regression equation developed between land and raft dry bulb sensors (regression 1).
- 3/ Calculated by regression equation developed between land and raft wet bulb sensors (regression 2).
- 4/ Estimated dry bulb and wet bulb temperatures from hygrothermograph and psychrometric tables (wet bulb) for the hours of 1600 on day 206 to 900 on day 207.
- 5/ Calculated by regression equation developed between land and raft wind speed at 2m. (regression 3).
- 6/ Estimated from field observations on wind speed and the few hourly average values that were recorded on each side of gap (1600 day 206 to 900 day 207).
- 7/ Estimated from solar radiation recorded several days on each side of the missing period (1600 day 206 to 900 day 207) and from field observations during the missing period.

Table 2. Summary of 1984 data: Raft station temperature-- (1) daily average lake surface water temperature, (2) daily average dry- and wet-bulb air temperature, and (3) daily maximum and minimum dry-bulb air temperatures and the time they occurred.
(C, degrees Celsius; h, hour)

JULIAN DAY	DAILY AVERAGE LAKE-SURFACE WATER TEMPERATURE (c)	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
118.	9.89	7.95	13.83	1008.	-.41	2358.	7.06
119.	8.66	-.24	2.40	1855.	-3.13	336.	-.57
120.	8.18	4.19	9.61	1434.	-.94	245.	1.55
121.	7.79	.25	2.58	2135.	-2.08	744.	.20
122.	7.49	2.68	7.76	1709.	-.94	2348.	.99
123.	8.24	5.41					2.34
124.	9.35	8.83	13.75	1635.	2.93	516.	5.11
125.	10.15	9.19	15.42	1512.	1.17	537.	5.55
126.	10.85	10.29	16.47	1749.	4.87	537.	6.64
127.	10.81	8.33	11.02	1600.	5.31	40.	7.95
128.	9.64	4.43	8.38	119.	1.96	1123.	3.30
129.	8.58	4.54	8.03	1425.	.38	527.	1.19
130.	9.23	8.33	15.77	1700.	1.35	454.	4.64
131.	10.08	12.76	19.46	1549.	6.45	304.	7.98
132.	10.06	9.59	12.25	1002.	6.80	2400.	6.01
133.	10.72	8.75	14.80	1640.	1.43	522.	6.15
134.	10.65	8.94	14.19	1846.	4.25	2400.	7.59
135.	11.08	10.09	17.09	1544.	1.43	517.	5.82
136.	11.76	12.25	18.58	1528.	1.87	432.	6.72
137.	12.33	13.92	19.64	1735.	8.29	612.	10.42
138.	13.16	18.26	22.28	1810.	12.87	2118.	12.64

JULIAN DAY	DAILY AVERAGE LAKE-SURFACE WATER TEMPERATURE (c)	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
139.	13.83	17.73	24.56	1434.	9.17	455.	10.91
140.	14.54	13.27	17.88	1036.	7.32	2400.	10.10
141.	15.18	14.93	22.28	1605.	4.16	441.	10.98
142.	15.48	14.86	18.14	111.	11.37	2400.	13.30
143.	15.38	12.47	18.67	1225.	7.85	504.	8.94
144.	15.62	14.10	20.25	1729.	4.51	438.	9.10
145.	15.85	17.46	20.43	1238.	11.46	2359.	
146.	15.65	7.94	11.46	6.	3.55	2348.	
147.	15.38	7.93	14.01	1906.	2.49	515.	
148.	15.68	10.69	17.35	1816.	1.52	346.	
149.	16.02	10.74	16.56	1807.	3.90	451.	
150.	16.83	12.11	20.52	1832.	3.02	413.	7.87
151.	17.06	15.96	22.10	1732.	6.62	255.	10.41

Table 2. Summary of 1984 data: Raft station temperature-- (1) daily average lake surface water temperature, (2) daily average dry- and wet-bulb air temperature, and (3) daily maximum and minimum dry-bulb air temperatures and the time they occurred.
(continued)

JULIAN DAY	DAILY AVERAGE LAKE-SURFACE WATER TEMPERATURE (c)	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
152.	17.73	20.31	26.68	1806.	12.95	458.	15.28
153.	18.27	16.41	20.96	7.	11.63	2400.	14.36
154.	17.97	15.85	21.75	1712.	10.05	500.	10.83
155.	18.54	16.97	24.92	1522.	9.70	511.	12.64
156.	18.81	16.55	19.29	928.	13.66	539.	15.43
157.	19.25	18.68	22.89	1627.	14.54	552.	16.62
158.	19.85	19.69	25.09	1609.	16.74	2400.	18.99
159.	20.24	19.63	25.71	1355.	15.59	446.	17.81
160.	19.82	15.64	17.00	1753.	11.46	2400.	15.06
161.	19.60	14.94	19.29	1320.	9.96	354.	13.45
162.	18.83	11.02	16.21	1827.	6.89	2400.	10.20
163.	18.58	12.42	16.30	1149.	5.13	457.	11.42
164.	19.26	18.70	23.69	1253.	15.06	20.	17.35
165.	19.40	16.29	20.25	1731.	11.19	2400.	13.48
166.	19.44	14.00	16.91	1836.	9.08	414.	13.21
167.	19.18	15.70	19.99	1340.	11.02	144.	15.07
168.	19.25	17.77	18.85	1458.	16.21	352.	17.58
169.	19.42	18.86	21.13	1949.	15.68	2359.	18.66
170.	19.74	18.09	22.01	1643.	12.43	2400.	14.88

JULIAN DAY	DAILY AVERAGE LAKE-SURFACE WATER TEMPERATURE (c)	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
171.	19.83	14.06	15.86	853.	11.28	303.	13.07
172.	19.86	17.91	22.19	1611.	12.95	402.	15.83
173.	19.99	18.04	20.69	1817.	15.68	156.	17.71
174.	20.56	19.59	24.56	1547.	15.50	523.	18.53
175.	20.49	16.88	19.29	1014.	11.99	2146.	14.33
176.	20.51	16.88	22.19	1603.	10.49	422.	13.18
177.	21.22	19.94	26.24	1546.	10.23	354.	15.73
178.	21.40	18.02	23.51	1049.	15.42	434.	15.78
179.	21.01	18.48	23.16	1615.	13.48	2400.	15.24
180.	22.00	18.49	24.12	1921.	11.99	446.	14.87
181.	22.66	17.98	23.60	1649.	10.58	437.	14.76
182.	23.02	19.58	24.83	1641.	12.87	345.	15.64
183.	22.95	18.71	23.07	1125.	16.03	2349.	16.91
184.	23.12	21.25	28.17	1559.	14.89	447.	18.71
185.	23.69	20.40	25.44	1441.	13.92	2353.	16.12

Table 2. Summary of 1984 data: Raft station temperature-- (1) daily average lake surface water temperature, (2) daily average dry- and wet-bulb air temperature, and (3) daily maximum and minimum dry-bulb air temperatures and the time they occurred.
(continued)

JULIAN DAY	DAILY AVERAGE LAKE-SURFACE WATER TEMPERATURE (c)	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
186.	23.63	18.74	23.42	1520.	12.78	437.	15.02
187.	23.44	16.77	21.05	1355.	11.11	2400.	13.62
188.	22.77	13.16	18.32	1911.	8.29	456.	10.50
189.	22.61	15.58	20.25	1504.	7.41	501.	12.07
190.	22.76	20.56	26.32	1807.	14.71	156.	17.82
191.	23.45	21.57	26.85	1729.	16.74	2334.	20.00
192.	23.63	20.48	26.76	1839.	15.50	342.	17.44
193.	23.86	21.28	26.85	1457.	14.54	506.	17.16
194.	24.49	23.38	29.93	1529.	14.45	517.	17.66
195.	24.95	24.08	28.87	1654.	17.53	525.	20.03
196.	25.07	22.39	26.59	1726.	16.91	2227.	18.82
197.	24.05	18.01	22.28	1753.	15.15	2357.	14.93
198.	23.40	16.47	21.84	1458.	11.72	2400.	15.01
199.	22.84	15.94	20.87	1605.	11.28	215.	13.12
200.	23.11	18.64	24.30	1811.	10.23	451.	14.94
201.	23.53	20.08	25.00	1901.	14.62	2338.	16.22
202.	24.19	20.04	26.24	1640.	11.90	439.	16.28
203.	24.13	23.86	28.96	1444.	16.82	525.	19.56

JULIAN DAY	DAILY AVERAGE LAKE-SURFACE WATER TEMPERATURE (c)	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
204.							21.56
205.							15.85
206.							16.32
207.							16.44
208.							15.88
209.							16.39
210.							16.95
211.							17.23
212.							18.37
213.							20.62
214.							20.00
215.							18.59
216.							17.12
217.							18.05
218.	24.87	23.05	28.70	1416.	19.64	609.	20.71
219.	25.46	24.87	30.46	1259.	19.55	522.	21.73
220.	25.54	22.50	29.05	1041.	18.14	239.	20.32
221.	25.20	22.88	28.79	1609.	17.26	545.	18.42

Table 2. Summary of 1984 data: Raft station temperature-- (1) daily average lake surface water temperature, (2) daily average dry- and wet-bulb air temperature, and (3) daily maximum and minimum dry-bulb air temperatures and the time they occurred.
(continued)

JULIAN DAY	DAILY AVERAGE LAKE-SURFACE WATER TEMPERATURE (c)	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
222.	24.85	19.57	24.65	1451.	15.42	545.	15.57
223.	24.50	19.09	24.12	1830.	15.77	440.	16.52
224.	24.49	19.05					16.58
225.	24.52	22.39	28.26	1718.	15.77	143.	20.66
226.	25.17	26.22	32.92	1555.	20.17	545.	22.11
227.	25.46	25.44	30.37	1435.	21.13	556.	20.60
228.	25.38	21.35	25.00	1536.	16.03	2328.	17.86
229.	25.27	20.37	25.88	1554.	13.04	504.	16.72
230.	25.43	22.27	28.70	1356.	16.56	556.	18.65
231.	25.25	19.77	25.71	1817.	13.83	514.	15.54
232.	25.21	21.68	27.38	1507.	14.27	432.	16.64
233.	24.50	20.57	22.81	1327.	18.76	549.	17.59
234.	24.17	21.13	25.88	1442.	16.30	702.	16.56
235.	23.32	13.92	17.35	1637.	10.40	606.	10.92
236.	22.93	16.37	22.01	1715.	9.70	509.	13.95
237.	22.59	18.64	23.25	1450.	14.19	605.	16.76
238.	22.72	21.58	26.32	1708.	17.18	335.	19.57
239.	23.17	23.67	28.79	1548.	19.37	520.	21.49

JULIAN DAY	DAILY AVERAGE LAKE-SURFACE WATER TEMPERATURE (c)	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
240.	24.18	24.78	33.71	1456.	18.76	540.	22.90
241.	24.82	25.92	35.12	1414.	18.23	555.	23.72
242.	23.54	18.86	23.16	1717.	13.04	2400.	16.45
243.	22.60	15.64	21.13	1731.	11.11	2357.	10.29
244.	21.93	13.25	17.09	1507.	8.82	520.	10.72
245.	21.18	13.39	14.27	1738.	12.25	920.	11.48
246.	20.48	13.00	14.80	1720.	12.16	640.	11.88
247.	20.17	13.87	19.90	1730.	8.73	618.	11.23
248.	19.88	12.60	17.97	1720.	8.47	1359.	10.13
249.	19.67	13.15	18.41	1743.	6.27	610.	9.88
250.	19.17	15.37	17.79	1242.	13.04	626.	12.28
251.	18.63	14.63	16.65	336.	10.58	2400.	13.17
252.	18.04	11.71	14.98	1552.	9.35	430.	10.05
253.	17.66	11.88	15.06	1623.	8.73	2331.	10.19
254.	17.46	11.94	15.94	1421.	8.56	2359.	9.70
255.	17.53	11.27	16.56	1408.	4.60	630.	8.31
256.	17.06	13.86	17.09	1825.	11.19	407.	12.82
257.	16.77	12.31	15.15	1.	6.62	2357.	9.86

Table 2. Summary of 1984 data: Raft station temperature-- (1) daily average lake surface water temperature, (2) daily average dry- and wet-bulb air temperature, and (3) daily maximum and minimum dry-bulb air temperatures and the time they occurred.
(continued)

JULIAN DAY	DAILY AVERAGE LAKE-SURFACE WATER TEMPERATURE (c)	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
258.	16.47	8.78	13.48	1502.	4.60	2341.	6.11
259.	16.33	9.17	17.53	1656.	2.23	423.	6.76
260.	16.24	12.64	18.50	1429.	5.31	410.	8.68
261.	16.19	16.14	22.10	1732.	10.14	508.	12.05
262.	16.54	18.68	27.73	1429.	11.37	2355.	13.69
263.	16.99	20.15	31.07	1449.	9.96	322.	13.01
264.	17.00	12.80	17.26	1407.	8.82	633.	8.78
265.	16.81	18.02	25.18	1658.	11.63	622.	12.38
266.	16.78	17.18	21.75	47.	9.88	2400.	11.08
267.	15.98	4.32	10.05	7.	2.49	1352.	2.22
268.	15.11	5.39	7.41	1506.	3.46	2329.	4.53
269.	14.21	2.23	4.51	15.	.12	2356.	1.05
270.	13.58	4.40	10.23	1613.	-1.90	624.	1.84
271.	13.24	5.86	10.14	1542.	2.84	2400.	3.41
272.	12.83	4.01	10.67	1645.	-.50	556.	1.47
273.	12.61	6.33	13.92	1507.	-.85	607.	2.97
274.	12.64	6.98	16.30	1631.	.64	621.	3.54

JULIAN DAY	DAILY AVERAGE LAKE-SURFACE WATER TEMPERATURE (c)	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
275.	12.57	10.36	18.85	1612.	-.23	515.	5.14
276.	12.42	14.48	20.17	1646.	9.00	657.	8.12
277.	12.46	11.39	17.88	1633.	5.57	700.	6.94
278.	12.43	12.82	18.50	1258.	9.08	2359.	8.50
279.	12.41	12.69	19.11	1342.	6.36	452.	9.69
280.	12.77	14.40	18.41	1306.	11.99	716.	12.46
281.	12.90	13.29	13.92	1536.	11.72	2400.	12.33
282.	12.87	13.36	19.02	1627.	10.49	2359.	11.42
283.	12.97	12.94	17.70	1518.	9.79	110.	11.11
284.	12.99	15.05	18.67	1558.	11.99	43.	12.99
285.	13.24	17.12	19.02	1513.	15.94	9.	14.81
286.	13.57	17.28	20.25	1549.	15.68	717.	14.86
287.	13.95	19.07	24.30	1356.	15.42	552.	15.68

Table 2. Summary of 1984 data: Raft station temperature-- (1) daily average lake surface water temperature, (2) daily average dry- and wet-bulb air temperature, and (3) daily maximum and minimum dry-bulb air temperatures and the time they occurred.
(continued)

JULIAN DAY	DAILY AVERAGE LAKE-SURFACE WATER TEMPERATURE (c)	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
288.	14.15	15.47	16.74	9.	14.89	753.	14.43
289.	14.06	13.77	16.91	1526.	5.57	2123.	12.65
290.	13.34	5.76	8.29	1410.	1.26	2219.	4.17
291.	12.51	5.70	10.40	1611.	1.35	33.	3.27
292.	12.03	7.59	9.88	214.	6.10	1919.	5.66
293.	11.39	4.26	6.89	7.	2.49	2149.	3.36
294.	10.74	3.69	5.13	1225.	2.40	152.	2.63
295.	10.40	3.18	4.95	1458.	1.61	2120.	1.99
296.	10.04	2.35	3.72	1710.	1.08	735.	.99
297.	9.63	2.17	5.31	1526.	-.76	618.	.52
298.	9.31	5.15	9.96	1453.	.03	319.	3.20
299.	9.10	6.48	9.35	1345.	3.72	825.	4.85
300.	9.01	9.61	14.45	1604.	6.80	441.	7.40
301.	9.02	8.35	14.71	947.	-2.25	2358.	7.10
302.	8.38	-3.02	.82	1630.	-5.07	747.	-3.90
303.	7.94	1.96	10.75	1520.	-3.84	42.	.12
304.	7.37	-4.78	-.85	1558.	-8.50	741.	-5.31
305.	6.74	-.80	1.52	2244.	-5.95	4.	-1.21
306.	5.82	-9.34	-.06	3.	-12.40	804.	-9.82

Table 3. Summary of 1984 data: Raft station wind speed-- (1) daily average wind speed at 1, 2, and 4 meters, (2) daily maximum and minimum wind speed at each level and the time they occurred.
(mi/h, miles per hour; h, hour)

HEIGHT OF MEASUREMENT ABOVE LAKE SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY MINIMUM WIND SPEED (mi/h)	TIME OF MINIMUM WIND SPEED (h)
1	118.	9.930	32.940	1549.	.600	1311.
	119.	11.240	35.690	821.	.713	504.
	120.	4.961	16.730	2314.	.571	1158.
	121.	11.410	27.820	1211.	.600	152.
	122.	6.670	19.240	703.	.515	1920.
	123.	1.759				
	124.	2.410	14.360	1602.	.671	2221.
	125.	2.857	15.980	1044.	.218	1124.
	126.	2.578	13.200	1552.	.671	2157.
	127.	3.955	14.530	1134.	.671	43.
	128.	11.390	29.420	1532.	.700	118.
	129.	13.770	36.580	1101.	3.841	2323.
	130.	4.948	13.030	707.	.671	2157.
	131.	6.302	23.760	1402.	.671	2317.
	132.	9.870	27.040	1038.	.700	216.
	133.	3.799	16.880	1750.	.700	1811.
	134.	4.519	16.850	1713.	.700	2400.
	135.	3.309	15.300	1029.	.671	2202.
	136.	6.023	19.010	1644.	.671	13.
	137.	9.070	24.100	1051.	1.322	511.
138.	8.010	22.320	1106.	.700	2144.	
2	118.	11.180	35.770	1914.	.600	1129.
	119.	11.950	34.530	821.	1.901	2258.
	120.	5.796	19.840	2258.	.458	1038.
	121.	12.760	27.680	1211.	3.741	143.
	122.	7.400	22.190	706.	.571	1930.
	123.	2.442				
	124.	3.349	14.280	1602.	.671	1128.
	125.	3.440	15.330	1044.	.671	2151.
	126.	2.953	13.850	1552.	.671	2157.
	127.	4.604	17.840	1526.	.671	1927.
	128.	11.840	29.140	1532.	.700	118.
	129.	14.590	38.080	1101.	4.067	1750.
	130.	5.329	13.520	705.	.700	2300.
	131.	7.000	25.460	1402.	.671	2317.
	132.	10.510	28.600	932.	.700	216.
	133.	4.199	16.030	1750.	.700	1810.
	134.	4.868	16.490	1713.	.700	2400.
	135.	3.607	15.500	1119.	.671	716.
	136.	6.766	21.240	1641.	.700	601.
	137.	10.140	25.660	1624.	2.907	607.
138.	8.940	24.330	1106.	.700	2144.	
4	118.	12.360	36.200	1544.	.600	1140.
	119.	12.550	33.540	1046.	2.128	452.
	120.	6.446	21.480	2123.	.600	1431.
	121.	14.450	28.610	1008.	3.288	143.
	122.	7.740	23.210	1319.	.571	1930.
	123.	2.364				
	124.	3.411	15.860	1213.	.671	1908.
	125.	3.455	15.210	1105.	.671	2151.
	126.	2.756	13.880	1552.	.671	2157.
	127.	5.086	17.700	1131.	.671	1931.
	128.	12.410	29.450	1532.	.700	213.
	129.	15.540	36.610	916.	3.841	2308.
	130.	5.372	16.350	1713.	.671	2213.
	131.	7.540	26.050	1402.	.671	2317.
	132.	11.130	34.230	929.	.671	427.
	133.	4.306	15.100	146.	.671	1458.
	134.	5.021	17.340	1713.	.671	2314.
	135.	3.600	17.340	1029.	.671	2202.
	136.	7.890	22.460	1552.	.671	330.
	137.	12.050	26.560	1656.	2.992	607.
138.	9.670	25.170	1030.	.671	2137.	

Table 3. Summary of 1984 data: Raft station wind speed-- (1) daily average wind speed at 1, 2, and 4 meters, (2) daily maximum and minimum wind speed at each level and the time they occurred. (continued)

HEIGHT OF MEASUREMENT ABOVE LAKE SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY MINIMUM WIND SPEED (mi/h)	TIME OF MINIMUM WIND SPEED (h)
1	139.	8.100	28.540	1414.	.671	36.
	140.	4.967	22.430	1339.	.671	423.
	141.	5.958	22.910	1801.	.671	651.
	142.	3.978	16.830	200.	.671	2327.
	143.	6.091	23.480	1330.	.700	2352.
	144.	5.436	18.160	1319.	.671	243.
	145.	8.190	24.130	1143.	1.294	1816.
	146.	5.112	20.310	1905.	.700	2358.
	147.	3.814	15.470	1327.	.700	2400.
	148.	2.610	13.090	1515.	.671	2337.
	149.	2.738	14.390	1310.	.671	702.
	150.	2.128	9.840	1548.	.700	2359.
	151.	5.286	21.500	1439.	.700	505.
	2	139.	8.730	32.450	1414.	.671
140.		5.374	23.020	1339.	.671	2117.
141.		6.829	26.220	1817.	.671	653.
142.		4.663	17.760	114.	.671	2325.
143.		7.000	28.400	1338.	.700	2306.
144.		6.325	19.320	1001.	.671	243.
145.		9.570	24.210	1143.	2.454	2340.
146.		5.985	21.100	1905.	.671	325.
147.		4.430	19.060	1327.	.700	2400.
148.		3.025	14.080	1515.	.671	2337.
149.		3.195	14.020	1310.	.671	2243.
150.		2.546	11.730	1548.	.671	1907.
151.		6.166	21.920	1339.	.700	407.
4		139.	9.100	29.480	1414.	.671
	140.	5.351	23.220	1339.	.671	2327.
	141.	7.970	28.630	1801.	.671	655.
	142.	5.143	17.510	11.	.671	2327.
	143.	8.100	36.580	1339.	.671	2331.
	144.	7.240	23.870	1153.	.671	246.
	145.	11.180	26.700	1210.	2.511	2339.
	146.	6.475	21.610	1032.	.671	2232.
	147.	4.690	18.210	1327.	.671	2324.
	148.	2.946	15.580	1454.	.671	2337.
	149.	3.229	14.510	1154.	.671	2244.
	150.	2.439	12.840	1548.	.671	2218.
	151.	6.996	22.540	1339.	.700	435.

Table 3. Summary of 1984 data: Raft station wind speed-- (1) daily average wind speed at 1, 2, and 4 meters, (2) daily maximum and minimum wind speed at each level and the time they occurred. (continued)

HEIGHT OF MEASUREMENT ABOVE LAKE SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY MINIMUM WIND SPEED (mi/h)	TIME OF MINIMUM WIND SPEED (h)
1	152.	6.712	20.020	1748.	.869	49.
	153.	4.245	15.440	1859.	.700	1719.
	154.	5.504	22.460	1436.	.671	1944.
	155.	3.831	16.660	1450.	.671	509.
	156.	5.747	19.660	1600.	.700	616.
	157.	4.597	15.580	1205.	.700	2400.
	158.	6.101	23.220	1623.	.700	2246.
	159.	4.897	17.190	1903.	.700	1729.
	160.	6.935	21.270	940.	.671	137.
	161.	2.835	16.230	2325.	.700	1948.
	162.	5.628	17.650	1208.	.700	2347.
	163.	4.153	15.300	1720.	.700	812.
	164.	4.012	23.530	1410.	.671	1219.
	165.	6.330	18.210	1345.	.700	2400.
	166.	3.381	9.920	1228.	.671	511.
	167.	5.684	17.360	1402.	1.379	1537.
	168.	4.242	11.530	1603.	.700	2357.
	169.	3.112	11.310	853.	.700	2400.
	170.	5.907	20.360	838.	.700	2400.
2	152.	7.650	22.320	1248.	1.803	322.
	153.	4.944	17.960	1839.	.700	1718.
	154.	6.378	23.050	1430.	.700	2336.
	155.	4.534	17.530	837.	.700	2333.
	156.	6.505	19.150	1600.	.700	614.
	157.	5.432	17.840	1158.	.700	2400.
	158.	7.090	22.510	1609.	.700	2242.
	159.	5.575	17.020	1847.	.700	1721.
	160.	8.040	32.080	1423.	.700	2346.
	161.	3.236	15.550	2325.	.700	1948.
	162.	5.987	16.710	608.	.700	2330.
	163.	4.828	20.620	1228.	.700	811.
	164.	4.437	22.630	1410.	.700	2252.
	165.	6.938	18.780	752.	.700	2353.
	166.	3.919	11.280	1711.	.671	557.
	167.	6.430	16.570	1359.	1.294	1537.
	168.	5.015	12.950	1610.	.700	2348.
	169.	3.745	12.380	1037.	.700	2357.
	170.	6.224	21.300	1424.	.671	2226.
4	152.	8.800	23.650	1247.	.983	1150.
	153.	5.564	18.840	1901.	.700	1720.
	154.	7.260	25.290	1205.	.671	2356.
	155.	5.058	20.930	1405.	.671	1814.
	156.	7.400	22.320	1559.	.700	650.
	157.	6.193	18.720	1158.	.671	2105.
	158.	8.200	29.650	1623.	.700	2242.
	159.	6.505	20.930	1825.	.700	1721.
	160.	9.320	31.490	1423.	.700	2356.
	161.	3.352	17.650	2231.	.700	1730.
	162.	6.286	17.870	934.	.671	2308.
	163.	5.406	21.180	1228.	.700	811.
	164.	4.479	23.620	1410.	.700	2252.
	165.	7.300	22.540	811.	.671	2350.
	166.	4.172	13.460	1804.	.671	845.
	167.	7.390	17.840	1359.	1.549	1537.
	168.	5.761	15.500	1125.	.700	2350.
	169.	4.139	12.500	853.	.671	2319.
	170.	6.363	22.710	1424.	.671	2226.

Table 3. Summary of 1984 data: Raft station wind speed-- (1) daily average wind speed at 1, 2, and 4 meters, (2) daily maximum and minimum wind speed at each level and the time they occurred. (continued)

HEIGHT OF MEASUREMENT ABOVE LAKE SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY MINIMUM WIND SPEED (mi/h)	TIME OF MINIMUM WIND SPEED (h)
1	171.	2.765	10.260	852.	.700	2350.
	172.	5.828	16.460	1310.	.700	403.
	173.	5.550	17.680	659.	.700	2102.
	174.	3.364	20.020	1402.	.671	1949.
	175.	7.380	23.840	1420.	.700	2400.
	176.	6.457	24.860	1247.	.671	2215.
	177.	5.439	21.160	1443.	.700	734.
	178.	8.720	31.830	1639.	.700	738.
	179.	6.949	17.590	1026.	.700	2356.
	180.	2.325	13.880	1616.	.671	2120.
	181.	2.608	10.490	1444.	.671	704.
	182.	4.131	13.910	1138.	.700	2132.
	183.	2.969	10.880	401.	.671	2354.
	184.	5.050	19.850	1828.	.700	2357.
	185.	4.025	13.740	2001.	.671	2302.
2	171.	3.170	11.360	852.	.700	2350.
	172.	6.554	19.010	1121.	.700	42.
	173.	6.206	18.240	654.	.700	2102.
	174.	3.798	20.080	1402.	.615	2150.
	175.	7.720	26.450	1418.	.700	2400.
	176.	6.775	29.420	1100.	.643	2217.
	177.	6.134	22.260	1443.	.643	55.
	178.	9.290	32.760	1639.	.700	738.
	179.	7.250	17.680	1249.	.700	2353.
	180.	2.659	13.660	1616.	.671	2305.
	181.	3.074	11.510	1437.	.671	704.
	182.	4.808	16.290	1107.	.700	2012.
	183.	3.489	11.510	547.	.671	1455.
	184.	5.954	24.410	1830.	.700	2357.
	185.	4.744	16.430	1355.	.700	2328.
4	171.	3.274	11.110	852.	.671	109.
	172.	7.650	20.190	1223.	.700	403.
	173.	7.160	19.260	659.	.700	2103.
	174.	4.337	21.920	1417.	.671	1943.
	175.	7.860	30.330	1418.	.700	2400.
	176.	6.887	29.730	1114.	.671	2214.
	177.	6.407	27.270	1604.	.700	2005.
	178.	9.690	31.460	1639.	.671	1254.
	179.	7.350	18.720	1249.	.671	2304.
	180.	2.590	13.740	1605.	.671	2305.
	181.	3.125	12.750	1546.	.671	705.
	182.	5.390	18.070	1234.	.700	2019.
	183.	3.779	12.810	543.	.671	2006.
	184.	6.715	27.810	1830.	.700	2357.
	185.	5.184	16.540	1355.	.671	2319.

Table 3. Summary of 1984 data: Raft station wind speed-- (1) daily average wind speed at 1, 2, and 4 meters, (2) daily maximum and minimum wind speed at each level and the time they occurred. (continued)

HEIGHT OF MEASUREMENT ABOVE LAKE SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY MINIMUM WIND SPEED (mi/h)	TIME OF MINIMUM WIND SPEED (h)
1	186.	5.512	22.230	1143.	.700	2358.
	187.	7.200	21.750	1356.	.700	559.
	188.	5.448	16.010	1127.	.700	2358.
	189.	4.187	15.890	1203.	.671	344.
	190.	5.853	16.460	1003.	.700	1849.
	191.	2.638	15.180	144.	.671	2232.
	192.	1.962	9.500	1743.	.671	2248.
	193.	4.190	20.170	1708.	.671	206.
	194.	4.429	14.280	1806.	.671	746.
	195.	5.363	17.960	109.	.700	2030.
	196.	4.734	19.030	1821.	.700	2355.
	197.	8.150	28.290	1151.	.671	147.
	198.	3.036	15.160	1816.	.671	538.
	199.	6.887	22.290	1033.	.700	2357.
200.	4.174	18.210	1704.	.671	31.	
201.	3.562	14.450	1516.	.671	2021.	
202.	2.422	9.720	1810.	.671	1255.	
203.	6.805	21.330	1429.	.700	401.	
2	186.	5.765	23.250	1553.	.700	2354.
	187.	7.570	24.070	1356.	.700	551.
	188.	5.773	18.180	1231.	.700	2358.
	189.	4.761	19.200	1204.	.671	347.
	190.	6.719	17.140	416.	.700	1847.
	191.	3.150	17.280	144.	.671	1623.
	192.	2.257	10.490	1743.	.671	855.
	193.	4.555	19.680	1708.	.671	206.
	194.	5.076	17.360	1118.	.671	744.
	195.	6.097	22.200	109.	.700	406.
	196.	5.091	19.880	1715.	.700	2355.
	197.	8.660	29.870	1401.	.700	2356.
	198.	3.329	14.930	1806.	.671	538.
	199.	7.220	23.670	1033.	.671	2159.
200.	4.595	18.920	1704.	.700	2333.	
201.	3.801	15.130	1516.	.671	2357.	
202.	2.735	12.350	1747.	.671	859.	
203.	7.870	25.200	1136.	.700	326.	
4	186.	5.728	22.200	1151.	.671	2121.
	187.	7.630	27.380	1356.	.700	2215.
	188.	5.705	21.210	1231.	.671	2253.
	189.	5.123	18.920	1204.	.671	709.
	190.	7.800	18.500	1007.	1.237	1847.
	191.	3.379	16.940	144.	.671	2042.
	192.	2.221	10.800	1743.	.671	2101.
	193.	4.555	20.220	1725.	.671	2102.
	194.	5.351	19.540	1118.	.671	744.
	195.	7.120	28.910	109.	.671	406.
	196.	5.215	20.990	1715.	.671	2235.
	197.	8.900	30.610	1151.	.671	2325.
	198.	3.027	20.280	1805.	.671	627.
	199.	7.400	24.130	949.	.671	2159.
200.	4.624	17.930	1704.	.700	2111.	
201.	3.805	15.160	1516.	.671	2357.	
202.	2.969	10.830	1747.	.671	1047.	
203.	9.230	24.040	1416.	.700	1830.	

Table 3. Summary of 1984 data: Raft station wind speed-- (1) daily average wind speed at 1, 2, and 4 meters, (2) daily maximum and minimum wind speed at each level and the time they occurred. (continued)

HEIGHT OF MEASUREMENT ABOVE LAKE SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY MINIMUM WIND SPEED (mi/h)	TIME OF MINIMUM WIND SPEED (h)
1	204.					
	205.					
	206.					
	207.					
	208.					
	209.					
	210.					
	211.					
	212.					
	213.					
	214.					
	215.					
	216.					
217.						
218.		1.575	11.000	11.	.445	1508.
219.		2.415	15.350	1614.	.530	423.
220.		2.962	16.680	1413.	.700	2355.
221.		4.591	20.360	1929.	.671	32.
2	204.					
	205.					
	206.					
	207.					
	208.					
	209.					
	210.					
	211.					
	212.					
	213.					
	214.					
	215.					
	216.					
217.						
218.		1.993	9.840	3.	.700	1421.
219.		2.959	16.060	1614.	.700	2359.
220.		3.291	17.870	1414.	.671	659.
221.		4.964	21.410	1900.	.700	2341.
4	204.					
	205.					
	206.					
	207.					
	208.					
	209.					
	210.					
	211.					
	212.					
	213.					
	214.					
	215.					
	216.					
217.						
218.		2.152	10.710	11.	.360	1422.
219.		3.112	17.220	1614.	.700	2400.
220.		3.429	18.180	1413.	.218	620.
221.		5.168	25.970	1900.	.700	2341.

Table 3. Summary of 1984 data: Raft station wind speed-- (1) daily average wind speed at 1, 2, and 4 meters, (2) daily maximum and minimum wind speed at each level and the time they occurred. (continued)

HEIGHT OF MEASUREMENT ABOVE LAKE SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY MINIMUM WIND SPEED (mi/h)	TIME OF MINIMUM WIND SPEED (h)	
1	222.	5.932	20.840	1422.	.671	2251.	
	223.	3.263	10.520	840.	.671	2311.	
	224.	5.224					
	225.	7.010	18.750	1131.	2.341	1842.	
	226.	5.293	15.610	1353.	.700	1000.	
	227.	6.160	20.700	1149.	.869	1828.	
	228.	4.038	13.910	833.	.671	2358.	
	229.	3.590	12.410	1344.	.671	610.	
	230.	4.025	16.910	1712.	.671	557.	
	231.	3.109	14.590	1413.	.671	114.	
	232.	4.183	19.800	1637.	.671	13.	
	233.	6.821	22.800	1327.	.700	2240.	
	234.	5.433	20.220	1445.	.700	2041.	
	235.	7.150	18.270	134.	.671	2342.	
	236.	3.578	17.050	1538.	.700	2054.	
	237.	6.749	21.410	1028.	.700	8.	
	238.	6.268	21.470	833.	.784	121.	
	239.	5.805	21.330	946.	.700	2344.	
	2	222.	6.361	22.120	1223.	.700	2328.
		223.	3.567	10.880	1549.	.586	1352.
224.		5.198					
225.		8.210	21.210	1502.	3.133	1913.	
226.		6.280	18.130	1540.	2.001	837.	
227.		6.645	21.720	1215.	1.407	1826.	
228.		4.388	13.940	833.	.671	2358.	
229.		4.225	14.360	1442.	.700	621.	
230.		4.432	17.020	1712.	.586	1028.	
231.		3.393	13.940	1413.	.700	2359.	
232.		4.718	18.300	1637.	.671	13.	
233.		7.680	23.360	1327.	.700	2240.	
234.		5.850	20.280	1445.	.700	909.	
235.		7.520	20.020	134.	.700	2357.	
236.		4.068	17.510	1538.	.700	1214.	
237.		7.970	26.730	849.	1.209	415.	
238.		7.180	20.110	833.	1.747	528.	
239.		6.497	20.510	946.	.700	2312.	
4		222.	6.632	23.360	1223.	.700	2359.
		223.	3.683	11.650	1436.	.700	1159.
	224.	6.994					
	225.	9.590	20.700	1342.	3.048	1718.	
	226.	7.180	17.510	1353.	1.832	838.	
	227.	7.030	22.180	1149.	1.209	1826.	
	228.	4.583	15.210	1225.	.700	2400.	
	229.	4.886	15.780	1442.	.700	610.	
	230.	4.746	15.890	1459.	.473	943.	
	231.	3.537	14.020	1213.	.671	114.	
	232.	5.001	19.320	1637.	.671	13.	
	233.	8.220	24.040	840.	.700	2240.	
	234.	6.087	20.990	1445.	.700	2039.	
	235.	7.910	23.870	29.	.671	2338.	
	236.	4.262	17.080	1538.	.700	2054.	
	237.	8.840	26.530	1930.	1.209	246.	
	238.	7.650	20.510	833.	1.435	301.	
	239.	6.778	18.810	1359.	.700	2315.	

Table 3. Summary of 1984 data: Raft station wind speed-- (1) daily average wind speed at 1, 2, and 4 meters, (2) daily maximum and minimum wind speed at each level and the time they occurred. (continued)

HEIGHT OF MEASUREMENT ABOVE LAKE SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY MINIMUM WIND SPEED (mi/h)	TIME OF MINIMUM WIND SPEED (h)
1	240.	2.952	11.680	1504.	.671	2143.
	241.	2.743	16.830	1927.	.671	1209.
	242.	4.014	22.660	1953.	.671	2302.
	243.	6.565	21.720	854.	.700	2352.
	244.	1.998	7.090	1336.	.700	2351.
	245.	4.159	17.050	1823.	.700	2149.
	246.	3.072	9.410	1435.	.700	2355.
	247.	3.323	18.350	1312.	.700	2355.
	248.	4.208	14.530	1215.	.671	2346.
	249.	3.281	13.090	1510.	.700	1145.
	250.	8.510	23.000	1248.	2.313	111.
	251.	5.955	22.230	8.	.700	603.
	252.	5.228	22.180	1538.	.700	2349.
	253.	3.655	13.290	1319.	.671	2234.
	254.	3.973	15.810	1321.	.700	2356.
	255.	2.790	11.000	2340.	.671	338.
	256.	4.728	15.160	755.	.700	2234.
	257.	6.364	19.770	1256.	.700	2306.
2	240.	3.361	12.860	1333.	.671	2143.
	241.	3.041	21.210	1927.	.671	1049.
	242.	4.294	26.360	1953.	.671	1041.
	243.	7.010	24.860	1124.	.700	2358.
	244.	2.174	7.350	1336.	.700	2250.
	245.	4.428	15.890	1823.	.700	2320.
	246.	3.288	9.980	1402.	.671	1858.
	247.	3.542	17.340	1312.	.700	2356.
	248.	4.478	14.140	1257.	.671	2346.
	249.	3.801	12.470	1419.	.700	1145.
	250.	9.680	26.220	1325.	3.671	111.
	251.	6.569	20.650	121.	.700	603.
	252.	5.744	23.420	1538.	.700	2349.
	253.	3.845	11.990	1509.	.671	2233.
	254.	4.255	17.340	1618.	.700	2355.
	255.	3.098	12.860	2340.	.671	338.
	256.	5.156	14.760	905.	.700	2234.
	257.	6.676	20.080	1256.	.700	2332.
4	240.	3.381	13.630	1333.	.671	2143.
	241.	3.091	21.350	1931.	.671	1050.
	242.	4.239	24.980	1953.	.671	647.
	243.	7.160	25.850	1124.	.671	2248.
	244.	1.730	7.740	1336.	.671	2330.
	245.	4.754	17.790	1807.	.700	2320.
	246.	3.211	9.890	1022.	.671	1858.
	247.	3.520	17.960	1312.	.700	2349.
	248.	4.486	15.040	903.	.671	2346.
	249.	4.113	15.100	1511.	.700	738.
	250.	11.600	28.460	1319.	3.133	1546.
	251.	7.130	24.240	8.	1.350	2052.
	252.	5.954	20.930	1538.	.700	2214.
	253.	3.958	13.600	1319.	.671	2233.
	254.	4.361	19.460	1618.	.671	2325.
	255.	3.228	13.120	2340.	.671	338.
	256.	5.730	18.210	755.	.700	2234.
	257.	7.010	21.980	1404.	.700	2346.

Table 3. Summary of 1984 data: Raft station wind speed-- (1) daily average wind speed at 1, 2, and 4 meters, (2) daily maximum and minimum wind speed at each level and the time they occurred. (continued)

HEIGHT OF MEASUREMENT ABOVE LAKE SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY MINIMUM WIND SPEED (mi/h)	TIME OF MINIMUM WIND SPEED (h)	
1	258.	4.586	19.540	1447.	.671	1957.	
	259.	3.043	14.170	1337.	.671	527.	
	260.	5.607	23.220	1415.	.700	757.	
	261.	6.995	21.690	1313.	.700	1844.	
	262.	4.074	14.020	1218.	.700	2359.	
	263.	5.846	20.280	1616.	.700	2218.	
	264.	3.207	12.240	958.	.671	2015.	
	265.	8.490	24.010	1032.	.756	52.	
	266.	8.390	23.190	1352.	1.605	1909.	
	267.	5.542	17.870	313.	.700	1937.	
	268.	6.191	15.240	330.	.954	604.	
	269.	8.340	18.440	1358.	1.747	2300.	
	270.	4.608	17.140	1458.	.700	2356.	
	271.	4.331	14.850	1547.	.700	1430.	
	272.	4.581	17.680	1104.	.671	2157.	
	273.	4.075	18.270	1250.	.671	329.	
	274.	2.523	12.100	1442.	.671	105.	
	2	258.	4.736	20.420	1424.	.671	1957.
		259.	3.080	14.560	1337.	.671	532.
		260.	6.072	23.530	1415.	.671	57.
		261.	7.700	22.340	1313.	.700	1903.
		262.	4.359	15.380	1208.	.671	2324.
		263.	6.302	21.610	1616.	.671	356.
		264.	3.277	12.780	958.	.671	2015.
265.		9.710	26.870	1531.	1.605	52.	
266.		8.880	24.410	1504.	1.209	1909.	
267.		5.629	17.620	313.	.700	2033.	
268.		6.387	15.720	435.	.700	856.	
269.		8.720	20.930	1150.	1.832	2222.	
270.		4.604	16.910	1458.	.700	2356.	
271.		4.394	14.340	1641.	.700	1430.	
272.		4.673	19.030	1104.	.671	2155.	
273.		4.132	19.010	1250.	.671	1930.	
274.		2.452	12.610	1442.	.671	2347.	
4		258.	4.766	21.750	1424.	.671	2256.
		259.	2.890	14.080	1337.	.671	2106.
		260.	6.312	24.980	1516.	.671	58.
		261.	8.100	20.900	1313.	1.832	1844.
		262.	4.588	17.170	1313.	.671	2324.
		263.	6.848	23.050	1616.	.671	358.
		264.	3.355	12.670	1000.	.671	2015.
	265.	11.730	31.600	1437.	1.832	51.	
	266.	9.490	25.510	1326.	.700	1949.	
	267.	6.080	16.910	306.	.700	2033.	
	268.	6.907	17.930	1137.	.700	703.	
	269.	9.270	20.530	1529.	1.266	2353.	
	270.	4.754	16.940	1623.	.700	2358.	
	271.	4.541	15.070	1647.	.700	1430.	
	272.	4.750	18.550	1323.	.671	2157.	
	273.	4.178	22.030	1250.	.671	1932.	
	274.	2.481	13.180	1442.	.671	2347.	

Table 3. Summary of 1984 data: Raft station wind speed-- (1) daily average wind speed at 1, 2, and 4 meters, (2) daily maximum and minimum wind speed at each level and the time they occurred. (continued)

HEIGHT OF MEASUREMENT ABOVE LAKE SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY MINIMUM WIND SPEED (mi/h)	TIME OF MINIMUM WIND SPEED (h)
1	275.	5.314	22.680	1256.	.671	526.
	276.	6.338	21.840	1434.	.700	1825.
	277.	5.376	14.870	1714.	.671	1928.
	278.	4.570	14.390	2034.	.700	1729.
	279.	6.230	15.380	1402.	2.086	2148.
	280.	4.579	14.590	1156.	.671	2130.
	281.	2.748	8.900	1014.	.700	2400.
	282.	2.869	11.480	1127.	.671	1943.
	283.	3.265	8.990	507.	.671	53.
	284.	6.116	16.710	1412.	.700	29.
	285.	7.690	20.110	1331.	2.681	1829.
	286.	6.830	19.710	1147.	2.171	716.
	287.	7.600	26.930	1459.	1.633	432.
	2	275.	5.680	21.380	1431.	.671
276.		6.605	22.060	1434.	.700	1833.
277.		5.592	15.100	156.	.671	1926.
278.		5.036	14.700	2034.	.700	1729.
279.		6.930	16.710	1514.	2.907	2148.
280.		5.084	12.330	1731.	.671	2125.
281.		2.844	8.280	521.	.700	2400.
282.		3.066	12.240	1402.	.671	1943.
283.		3.572	10.690	1436.	.671	53.
284.		6.790	16.880	1726.	.700	29.
285.		8.990	21.950	1515.	3.558	551.
286.		8.100	19.540	918.	3.218	224.
287.		8.890	26.340	1459.	2.115	432.
4		275.	6.010	24.890	1256.	.671
	276.	7.040	22.880	1510.	.700	1909.
	277.	5.987	17.020	156.	.671	1926.
	278.	5.742	15.580	2111.	.700	1729.
	279.	8.440	17.730	1420.	2.850	21.
	280.	6.179	15.180	1156.	.700	2259.
	281.	3.244	9.070	1051.	.700	2400.
	282.	3.475	13.710	1107.	.671	1943.
	283.	4.279	10.600	1431.	.671	53.
	284.	8.260	18.950	1624.	1.350	29.
	285.	10.840	24.670	1515.	4.209	551.
	286.	9.760	24.610	918.	4.180	716.
	287.	9.730	25.290	1143.	2.426	535.

Table 3. Summary of 1984 data: Raft station wind speed-- (1) daily average wind speed at 1, 2, and 4 meters, (2) daily maximum and minimum wind speed at each level and the time they occurred. (continued)

HEIGHT OF MEASUREMENT ABOVE LAKE SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY MINIMUM WIND SPEED (mi/h)	TIME OF MINIMUM WIND SPEED (h)
1	288.	5.445	18.610	38.	.700	1642.
	289.	9.910	27.470	1811.	2.171	442.
	290.	6.543	23.000	21.	.700	1528.
	291.	7.990	20.960	844.	2.030	1735.
	292.	7.230	24.500	2005.	1.916	2246.
	293.	8.870	22.260	2317.	1.350	801.
	294.	6.995	20.480	117.	1.464	1901.
	295.	5.216	14.960	1203.	.700	2224.
	296.	4.774	13.910	1044.	.700	2357.
	297.	4.240	15.920	1413.	.700	537.
	298.	4.949	18.780	1111.	.671	1939.
	299.	6.212	17.480	2321.	.700	733.
	300.	7.340	20.110	28.	.700	1906.
	301.	9.790	26.900	2021.	1.916	1053.
	302.	6.453	20.620	33.	.700	2225.
	303.	6.478	15.920	944.	.700	1751.
	304.	6.838	20.050	626.	.700	2354.
	305.	7.950	24.720	622.	.700	1933.
	306.	13.300	28.290	1305.	5.341	407.
2	288.	6.300	21.240	31.	.700	1642.
	289.	11.000	29.990	2156.	2.765	416.
	290.	6.934	25.370	14.	.671	1342.
	291.	8.600	22.430	1258.	2.058	1735.
	292.	8.170	26.220	2005.	2.058	2246.
	293.	9.260	23.020	2317.	.700	800.
	294.	7.170	22.540	28.	1.266	1902.
	295.	5.390	14.930	1203.	.700	2224.
	296.	4.946	14.990	1045.	.700	2357.
	297.	4.360	16.680	1338.	.700	537.
	298.	5.123	18.860	1237.	.671	1939.
	299.	6.489	18.470	2321.	.700	733.
	300.	7.760	21.410	28.	.700	1906.
	301.	10.370	28.680	2128.	1.916	1053.
	302.	6.689	20.560	254.	.700	2225.
	303.	6.759	15.810	2033.	.700	1751.
	304.	7.110	21.410	626.	.700	2355.
	305.	8.320	24.300	622.	.700	1943.
	306.	14.040	30.270	1305.	5.539	1649.
4	288.	7.370	20.650	31.	.700	1639.
	289.	12.620	32.360	2125.	3.190	422.
	290.	7.370	26.900	14.	.700	1424.
	291.	9.250	23.220	1258.	1.266	1532.
	292.	9.560	26.250	2005.	2.115	41.
	293.	9.840	24.860	113.	.700	52.
	294.	7.470	23.590	28.	.700	1902.
	295.	5.532	15.640	1027.	.700	2356.
	296.	5.082	15.610	1010.	.700	2358.
	297.	4.416	16.060	1413.	.700	2306.
	298.	5.372	20.140	1237.	.671	1940.
	299.	6.870	21.550	2202.	.700	733.
	300.	8.320	21.300	28.	1.039	1902.
	301.	10.980	29.790	2128.	.700	1324.
	302.	7.050	22.710	38.	.700	1958.
	303.	7.220	18.810	1156.	.700	1751.
	304.	7.470	21.690	626.	.700	2223.
	305.	6.763	28.660	902.	.700	1932.
	306.	14.970	31.510	1305.	6.133	1846.

Table 4. Summary of 1984 data: Land-station radiation-- (1) daily total short-wave solar radiation, (2) daily maximum short-wave solar radiation and the time it occurred, (3) daily total long-wave atmospheric radiation, and (4) daily maximum and minimum long-wave radiation and the time they occurred.
 (Cal/cm²/d, calories per square centimeter per day; cal/cm²/m, calories per square centimeter per minute; h, hour)

JULIAN DAY	DAILY SHORT-WAVE RADIATION [(cal/cm ²)/d]	MAXIMUM SHORT-WAVE RADIATION [(cal/cm ²)/min]	TIME-OF MAXIMUM SHORT-WAVE SOLAR RADIATION (h)	DAILY TOTAL LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ²)/d]	MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ²)/min]	TIME-OF MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)	MINIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ²)/min]	TIME-OF MINIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)
118.	208.3	1.537	1227.	751.0	.672	1232.	.445	2224.
119.	223.8	1.530	1036.	682.2	.581	1952.	.417	422.
120.	397.6	1.276	1126.	802.0	.684	1143.	.457	2400.
121.	277.0	.921	1333.	689.5	.552	2400.	.437	417.
122.	408.3	1.382	1501.	789.0	.678	1658.	.460	524.
123.	514.8	1.517	1258.	809.0	.723	1414.	.409	540.
124.	507.8			631.1				
125.	497.1	1.629	1208.	565.6	.464	1214.	.317	427.
126.	457.0	1.637	1225.	577.0	.482	1225.	.344	455.
127.	101.4	.657	1519.	669.3	.497	1623.	.386	2.
128.	150.6	1.435	1452.	607.2	.482	17.	.298	2029.
129.	486.2	1.630	1332.	510.8	.451	1339.	.282	339.
130.	642.1	1.553	1332.	537.3	.458	2357.	.311	503.
131.	505.2	1.382	1251.	611.7	.498	1459.	.352	2358.
132.	495.6	1.820	1149.	572.6	.479	1254.	.335	449.
133.	431.5	1.751	1153.	601.6	.489	1657.	.308	437.
134.	223.0	1.671	1323.	629.2	.495	1542.	.335	2241.
135.	615.3			537.0				
136.	679.5	1.357	1218.	574.3	.489	2237.	.329	118.
137.	484.4	1.441	1118.	670.5	.508	1022.	.424	2023.
138.	582.1	1.421	1320.	640.6	.564	821.	.379	2358.

Table 4. Summary of 1984 data: Land-station radiation-- (1) daily total short-wave solar radiation, (2) daily maximum short-wave solar radiation and the time it occurred, (3) daily total long-wave atmospheric radiation, and (4) daily maximum and minimum long-wave radiation and the time they occurred. (continued)

JULIAN DAY	DAILY TOTAL SHORT-WAVE SOLAR RADIATION [(cal/cm ² /d)]	MAXIMUM SHORT-WAVE SOLAR RADIATION [(cal/cm ² /min)]	TIME-OF-MAXIMUM SHORT-WAVE SOLAR RADIATION (h)	DAILY TOTAL LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /d)]	MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /min)]	TIME-OF-MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)	MINIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /min)]	TIME-OF-MINIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)
139.	690.4	1.354	1230.	609.7	.473	1155.	.360	447
140.	473.9	1.870	1203.	612.0	.517	1203.	.372	2211
141.								
142.								
143.								
144.								
145.								
146.								
147.								
148.								
149.	615.0			554.6				
150.	654.9	1.362	1228.	606.0	.476	1855.	.354	213.
151.								

Table 4. Summary of 1984 data: Land-station radiation-- (1) daily total short-wave solar radiation, (2) daily maximum short-wave solar radiation and the time it occurred, (3) daily total long-wave atmospheric radiation, and (4) daily maximum and minimum long-wave radiation and the time they occurred. (continued)

JULIAN DAY	DAILY TOTAL SHORT-WAVE SOLAR RADIATION [(col/cm ²)/d]		DAILY TOTAL LONG-WAVE ATMOSPHERIC RADIATION [(col/cm ²)/d]		MAXIMUM SHORT-WAVE SOLAR RADIATION [(col/cm ²)/min]	TIME-OF SHORT-WAVE SOLAR RADIATION (h)	MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION [(col/cm ²)/min]	TIME-OF LONG-WAVE ATMOSPHERIC RADIATION (h)	MINIMUM LONG-WAVE ATMOSPHERIC RADIATION [(col/cm ²)/min]		TIME-OF LONG-WAVE ATMOSPHERIC RADIATION (h)
	SHORT-WAVE SOLAR RADIATION	LONG-WAVE ATMOSPHERIC RADIATION	SHORT-WAVE SOLAR RADIATION	LONG-WAVE ATMOSPHERIC RADIATION					MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION	TIME-OF LONG-WAVE ATMOSPHERIC RADIATION	
152.	662.9	1.477	1317.	674.0	.527	1431.	.405	335.			
153.	201.8	.963	842.	727.0	.557	207.	.388	2359.			
154.	655.0	1.524	1303.	611.7	.497	1513.	.357	520.			
155.	617.8	1.581	1337.	650.9	.548	1552.	.369	402.			
156.	177.1	.935	834.	739.0	.555	1918.	.429	449.			
157.	645.1	1.687	1151.	723.0	.573	1519.	.449	658.			
158.	190.7	1.477	1332.	780.0	.599	1426.	.451	2232.			
159.	402.4	1.662	1237.	758.0	.576	1358.	.461	727.			
160.	178.0	.859	1348.	734.0	.544	158.	.407	2200.			
161.	364.6	1.553	1108.	714.0	.535	744.	.448	1804.			
162.	246.7	1.280	1615.	662.9	.516	3.	.352	2155.			
163.	404.3	1.803	1221.	695.8	.538	2400.	.401	749.			
164.	434.9	1.721	1158.	744.0	.586	1303.	.427	2246.			
165.	617.7	1.765	1225.	655.9	.524	1245.	.392	2229.			
166.	275.7	.707	843.	692.1	.529	1918.	.429	710.			
167.	262.9	1.349	1536.	744.0	.564	1617.	.416	104.			
168.	142.5	.578	1104.	792.0	.569	1418.	.473	339.			
169.	149.7	.430	1537.	779.0	.577	1056.	.451	2149.			
170.	734.0	1.410	1213.	657.6	.514	34.	.401	2220.			

Table 4. Summary of 1984 data: Land-station radiation-- (1) daily total short-wave solar radiation, (2) daily maximum short-wave solar radiation and the time it occurred, (3) daily total long-wave atmospheric radiation, and (4) daily maximum and minimum long-wave radiation and the time they occurred. (continued)

JULIAN DAY	DAILY SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/d]	MAXIMUM SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/min]	TIME-OF MAXIMUM SHORT-WAVE SOLAR RADIATION (h)	DAILY TOTAL LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ²)/d]	MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ²)/min]	TIME-OF MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)	MINIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ²)/min]	TIME-OF MINIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)
171.	123.5	.414	1211.	724.0	.526	1015.	.448	9.
172.	535.5	1.820	1223.	728.0	.583	1400.	.426	357.
173.	147.8	.488	1309.	768.0	.567	2014.	.461	17.
174.	396.6	1.534	1008.	742.0	.579	1307.	.470	302.
175.	532.5	1.856	1210.	666.7	.551	1213.	.394	2132.
176.	735.0	1.757	1227.	642.5	.541	1247.	.397	2238.
177.	698.3	1.365	1147.	702.0	.554	2345.	.433	15.
178.	408.7	1.447	1403.	713.0	.563	1101.	.424	2321.
179.	677.5	1.669	1159.	653.9	.548	1159.	.402	437.
180.	649.1	1.714	1222.	665.1	.536	1016.	.397	2232.
181.	720.0	1.529	1342.	655.1	.529	1343.	.417	704.
182.	730.0	1.381	1212.	669.6	.494	1332.	.427	652.
183.	272.1	1.360	1431.	714.0	.563	1818.	.429	132.
184.	647.3	1.376	1148.	754.0	.605	1813.	.476	2236.
185.	683.9	1.552	1458.	693.3	.554	1501.	.416	2151.

Table 4. Summary of 1984 data: Land-station radiation-- (1) daily total short-wave solar radiation, (2) daily maximum short-wave solar radiation and the time it occurred, (3) daily total long-wave atmospheric radiation, and (4) daily maximum and minimum long-wave radiation and the time they occurred. (continued)

JULIAN DAY	DAILY TOTAL SHORT-WAVE SOLAR RADIATION [(cal/cm ² /d)]		MAXIMUM SHORT-WAVE SOLAR RADIATION [(cal/cm ² /min)]		TIME-OF SHORT-WAVE SOLAR RADIATION (h)		DAILY TOTAL LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /d)]		MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /min)]		TIME-OF LONG-WAVE ATMOSPHERIC RADIATION (h)	
	SHORT-WAVE SOLAR RADIATION	LONG-WAVE ATMOSPHERIC RADIATION	SHORT-WAVE SOLAR RADIATION	LONG-WAVE ATMOSPHERIC RADIATION	SHORT-WAVE SOLAR RADIATION	LONG-WAVE ATMOSPHERIC RADIATION	SHORT-WAVE SOLAR RADIATION	LONG-WAVE ATMOSPHERIC RADIATION	SHORT-WAVE SOLAR RADIATION	LONG-WAVE ATMOSPHERIC RADIATION	SHORT-WAVE SOLAR RADIATION	LONG-WAVE ATMOSPHERIC RADIATION
186.	668.7	686.8	1.640	686.8	1206.	686.8	.523	1621.	.430	728.		
187.	607.0	648.8	1.677	648.8	1135.	648.8	.542	1135.	.370	2347.		
188.	644.7	592.9	1.909	592.9	1223.	592.9	.505	1040.	.360	310.		
189.	609.5	671.7	1.635	671.7	1420.	671.7	.527	2315.	.401	750.		
190.	493.6	770.0	1.540	770.0	1300.	770.0	.608	1514.	.473	149.		
191.	308.7	760.0	1.659	760.0	1044.	760.0	.586	832.	.445	2053.		
192.	506.2	718.0	1.549	718.0	1216.	718.0	.563	1727.	.441	2241.		
193.	685.6	701.0	1.528	701.0	1230.	701.0	.555	1500.	.435	2329.		
194.	687.7	715.0	1.328	715.0	1210.	715.0	.529	1318.	.445	658.		
195.	651.4	750.0	1.298	750.0	1048.	750.0	.576	102.	.467	441.		
196.	363.7	727.0	1.274	727.0	1449.	727.0	.586	710.	.436	2348.		
197.	512.9	667.9	1.840	667.9	1117.	667.9	.551	1117.	.414	507.		
198.	255.7	696.0	1.563	696.0	1426.	696.0	.551	1426.	.411	2037.		
199.	634.6	646.6	1.674	646.6	1146.	646.6	.530	1315.	.394	2200.		
200.	655.3	675.9	1.639	675.9	1219.	675.9	.535	1257.	.427	735.		
201.	614.8	684.1	1.563	684.1	1105.	684.1	.529	841.	.414	2241.		
202.	640.0	680.7	1.598	680.7	1338.	680.7	.535	1413.	.435	2355.		
203.	603.7	737.0	1.465	737.0	1237.	737.0	.613	1706.	.427	406.		

Table 4. Summary of 1984 data: Land-station radiation-- (1) daily total short-wave solar radiation, (2) daily maximum short-wave solar radiation and the time it occurred, (3) daily total long-wave atmospheric radiation, and (4) daily maximum and minimum long-wave radiation and the time they occurred. (continued)

JULIAN DAY	DAILY TOTAL SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/d]		MAXIMUM SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/min]		TIME-OF MAXIMUM SHORT-WAVE SOLAR RADIATION (h)		DAILY TOTAL LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ²)/d]		MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ²)/min]		TIME-OF MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)		MINIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ²)/min]		TIME-OF MINIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)	
	SHORT-WAVE SOLAR RADIATION	TOTAL	SHORT-WAVE SOLAR RADIATION	MAXIMUM SHORT-WAVE SOLAR RADIATION	TIME-OF MAXIMUM SHORT-WAVE SOLAR RADIATION	LONG-WAVE ATMOSPHERIC RADIATION	TOTAL	LONG-WAVE ATMOSPHERIC RADIATION	MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION	TIME-OF MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION	LONG-WAVE ATMOSPHERIC RADIATION	MINIMUM LONG-WAVE ATMOSPHERIC RADIATION	TIME-OF MINIMUM LONG-WAVE ATMOSPHERIC RADIATION			
204.	525.4	799.0	1.595	1.886	1224.	799.0	627	1658.	.457	2400.	.423	2400.				
205.	459.9	699.0			1206.	699.0	.548	1206.								
206.																
207.																
208.	604.0	691.9	1.512		1231.	691.9	.563	1620.	.429	153.	.436	2230.				
209.	621.1	693.0	1.363		1259.	693.0	.522	635.	.433	2400.	.433	2400.				
210.	482.6	706.0	1.502		1140.	706.0	.567	1346.	.413	232.	.413	232.				
211.	575.3	693.7	1.667		1213.	693.7	.541	1324.	.444	546.	.455	2309.				
212.	408.6	740.0	1.465		1219.	740.0	.567	1443.	.427	2340.	.417	2320.				
213.	491.8	723.0	1.383		1312.	723.0	.576	1300.	.411	2302.	.438	2.				
214.	590.1	703.0	1.420		1337.	703.0	.558	1336.	.486	2205.	.494	2.				
215.	308.7	713.0	1.491		1358.	713.0	.569	1419.	.464	2000.	.464	2000.				
216.	589.5	668.3	1.306		1309.	668.3	.507	1308.	.561	2359.	.413	2359.				
217.	198.9	736.0	1.151		1025.	736.0	.548	2247.								
218.	359.5	767.0	1.586		1245.	767.0	.591	1245.								
219.	438.5	764.0	1.356		1226.	764.0	.613	1423.								
220.	276.3	756.0	1.442		1351.	756.0	.610	1146.								
221.	567.3	704.0	1.495		1251.	704.0	.561	1251.								

Table 4. Summary of 1984 data: Land-station radiation-- (1) daily total short-wave solar radiation, (2) daily maximum short-wave solar radiation and the time it occurred, (3) daily total long-wave atmospheric radiation, and (4) daily maximum and minimum long-wave radiation and the time they occurred. (continued)

JULIAN DAY	DAILY TOTAL SHORT-WAVE SOLAR RADIATION [(col/cm ²)/d]	MAXIMUM SHORT-WAVE SOLAR RADIATION [(col/cm ²)/min]	TIME-OF MAXIMUM SHORT-WAVE SOLAR RADIATION (h)	DAILY TOTAL LONG-WAVE ATMOSPHERIC RADIATION [(col/cm ²)/d]	MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION [(col/cm ²)/min]	TIME-OF MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)	MINIMUM LONG-WAVE ATMOSPHERIC RADIATION [(col/cm ²)/min]	TIME-OF MINIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)
222.	507.3	1.506	1236.	654.8	.532	1646.	.392	527.
223.	352.0	1.750	1204.	694.9	.554	1143.	.414	2202.
224.	583.6	1.643	1317.	662.3	.547	1348.	.399	2343.
225.	543.1	1.386	1258.	713.0	.557	1441.	.401	15.
226.	551.9	1.284	1041.	723.0	.557	1437.	.429	442.
227.	426.9	1.445	1210.	716.0	.557	1217.	.347	537.
228.	557.0	1.232	1232.	618.7	.522	848.	.327	2157.
229.	530.4	1.224	1329.	556.8	.464	1311.	.327	2251.
230.	531.0	1.265	1324.	446.9	.392	48.	.213	2251.
231.	570.9	1.458	1314.	353.7	.299	1428.	.214	2213.
232.	536.7	1.414	1134.	374.6	.345	1436.	.210	755.
233.	207.7	.897	917.	423.2	.338	1050.	.213	358.
234.	542.2	1.244	1208.	725.0	9.980	712.	.270	413.
235.	336.2	1.487	1417.	690.2	.560	1707.	.397	555.
236.	552.4	1.570	1125.	679.4	.539	1053.	.417	2.
237.	441.4	1.420	1326.	734.0	.589	1923.	.445	556.
238.	508.7	1.162	1158.	773.0	.604	1750.	.497	624.
239.	427.3	1.263	1211.	803.0	.627	1716.	.505	2337.

Table 4. Summary of 1984 data: Land-station radiation-- (1) daily total short-wave solar radiation, (2) daily maximum short-wave solar radiation and the time it occurred, (3) daily total long-wave atmospheric radiation, and (4) daily maximum and minimum long-wave radiation and the time they occurred. (continued)

JULIAN DAY	DAILY TOTAL SHORT-WAVE SOLAR RADIATION [(cal/cm ² /d)]	MAXIMUM SHORT-WAVE SOLAR RADIATION [(cal/cm ² /min)]	TIME-OF MAXIMUM SHORT-WAVE SOLAR RADIATION (h)	DAILY TOTAL LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /d)]	MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /min)]	TIME-OF MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)	MINIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /min)]	TIME-OF MINIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)
240.	510.2	1.145	1211.	760.0	.579	1542.	.483	643.
241.	431.0	1.112	1205.	790.0	.611	1923.	.466	2358.
242.	198.3	1.163	1407.	713.0	.544	1256.	.394	2400.
243.	527.7	1.239	1312.	603.1	.472	1316.	.386	2329.
244.	144.4	.711	1302.	691.6	.551	1644.	.404	2.
245.	96.5	.497	1204.	725.0	.529	1544.	.417	204.
246.	101.6	.402	1437.	731.0	.527	1414.	.451	1949.
247.	381.9	1.456	1128.	656.7	.529	1131.	.388	2314.
248.	443.2	1.429	1132.	607.9	.514	1315.	.376	658.
249.	375.9	1.434	1300.	637.1	.513	1314.	.395	2056.
250.	234.4	.950	1235.	683.2	.532	2400.	.413	304.
251.	62.7	.344	1345.	711.0	.544	946.	.379	2100.
252.	152.9	1.418	1334.	663.3	.505	1642.	.392	2311.
253.	176.8	1.199	1303.	662.9	.501	1328.	.382	2113.
254.	288.0	1.449	1202.	651.4	.508	858.	.352	2322.
255.	378.8	1.230	1333.	616.0	.485	2400.	.372	5.
256.	77.2	.335	1112.	733.0	.542	1709.	.436	2015.
257.	229.9	1.514	1136.	635.0	.508	1412.	.345	2242.

Table 4. Summary of 1984 data: Land-station radiation-- (1) daily total short-wave solar radiation, (2) daily maximum short-wave solar radiation and the time it occurred, (3) daily total long-wave atmospheric radiation, and (4) daily maximum and minimum long-wave radiation and the time they occurred. (continued)

JULIAN DAY	DAILY TOTAL SHORT-WAVE SOLAR RADIATION [(cal/cm ² /d)]		DAILY TOTAL LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /d)]		MAXIMUM SHORT-WAVE SOLAR RADIATION [(cal/cm ² /min)]	TIME-OF-MAXIMUM SHORT-WAVE SOLAR RADIATION (h)	MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /min)]	TIME-OF-MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)	MINIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /min)]	TIME-OF-MINIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)
	SHORT-WAVE SOLAR RADIATION	LONG-WAVE ATMOSPHERIC RADIATION	SHORT-WAVE SOLAR RADIATION	LONG-WAVE ATMOSPHERIC RADIATION						
258.	347.7	582.3	.466	829.	.338	2119.				
259.	383.2	560.7	.480	1620.	.348	2344.				
260.	433.6	585.9	.498	1154.	.354	3.				
261.	417.8	609.5	.485	55.	.380	424.				
262.	435.0	635.1	.497	1347.	.401	552.				
263.	421.7	663.1	.510	1508.	.383	2358.				
264.	376.5	582.3	.488	1717.	.347	644.				
265.	405.1	644.8	.502	2400.	.398	608.				
266.	365.2	628.8	.532	550.	.344	2352.				
267.	61.6	587.5	.447	2303.	.320	532.				
268.	69.0	652.5	.472	1516.	.433	2313.				
269.	88.5	556.0	.436	303.	.386	2309.				
270.	398.4	538.3	.447	2205.	.285	45.				
271.	170.0	586.5	.451	148.	.295	2400.				
272.	362.6	476.2	.444	1435.	.282	217.				
273.	404.0	508.8	.416	734.	.310	2356.				
274.	389.1	489.3	.379	1242.	.307	515.				

Table 4. Summary of 1984 data: Land-station radiation-- (1) daily total short-wave solar radiation, (2) daily maximum short-wave solar radiation and the time it occurred, (3) daily total long-wave atmospheric radiation, and (4) daily maximum and minimum long-wave radiation and the time they occurred. (continued)

JULIAN DAY	DAILY SHORT-WAVE RADIATION [(cal/cm ²)/d]	MAXIMUM SHORT-WAVE SOLAR RADIATION [(cal/cm ²)/min]	TIME-OF MAXIMUM SHORT-WAVE SOLAR RADIATION (h)	DAILY TOTAL LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ²)/d]	MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ²)/min]	TIME-OF MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)	MINIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ²)/min]	TIME-OF MINIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)
275.	389.9	.963	1210.	546.9	.413	744.	.339	756.
276.	322.9	1.047	1241.	580.3	.435	926.	.361	2359.
277.	353.5	.941	1205.	532.5	.410	1417.	.326	647.
278.	176.8	1.138	1251.	653.5	.513	1223.	.373	29.
279.	274.5	.934	1237.	624.3	.519	1348.	.372	333.
280.	175.8	1.053	1220.	714.0	.532	1907.	.427	913.
281.	32.9	.151	1113.	733.0	.523	1336.	.451	2359.
282.	171.1	.793	1341.	666.9	.519	1207.	.391	2400.
283.	155.8	.997	1244.	680.7	.526	1520.	.391	1.
284.	92.6	.602	1507.	714.0	.535	1306.	.408	20.
285.	96.9	.773	1344.	746.0	.544	1405.	.433	1944.
286.	128.4	1.018	1145.	723.0	.552	1514.	.442	2355.
287.	211.0	1.016	1137.	710.0	.552	1146.	.433	359.

Table 4. Summary of 1984 data: Land-station radiation-- (1) daily total short-wave solar radiation, (2) daily maximum short-wave solar radiation and the time it occurred, (3) daily total long-wave atmospheric radiation, and (4) daily maximum and minimum long-wave radiation and the time they occurred. (continued)

JULIAN DAY	DAILY TOTAL SHORT-WAVE SOLAR RADIATION [(cal/cm ² /d)]	MAXIMUM SHORT-WAVE SOLAR RADIATION [(cal/cm ² /min)]	TIME-OF MAXIMUM SHORT-WAVE SOLAR RADIATION (h)	DAILY TOTAL LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /d)]	MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /min)]	TIME-OF MAXIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)	MINIMUM LONG-WAVE ATMOSPHERIC RADIATION [(cal/cm ² /min)]	TIME-OF MINIMUM LONG-WAVE ATMOSPHERIC RADIATION (h)
288.	27.3	.187	1219.	758.0	.541	1421.	.449	152.
289.	31.8	.232	1142.	741.0	.544	1533.	.379	2208.
290.	70.4	.371	1114.	605.6	.463	1520.	.326	639.
291.	280.4	.937	1126.	535.4	.430	2138.	.316	1145.
292.	34.2	.198	1402.	651.4	.464	924.	.370	1.
293.	45.7	.266	1422.	636.8	.460	9.	.423	2108.
294.	62.1	.303	1214.	620.3	.444	1705.	.374	1842.
295.	133.0	1.024	1211.	586.3	.436	325.	.304	1934.
296.	109.0	.992	1037.	577.6	.427	1345.	.297	2359.
297.	116.8	.364	1344.	537.1	.411	2010.	.295	31.
298.	168.7	.974	1228.	539.4	.466	1459.	.292	220.
299.	87.7	.437	917.	606.1	.473	1353.	.327	215.
300.	180.7	1.049	1241.	592.0	.467	1004.	.345	10.
301.	35.6	.351	1455.	655.1	.529	1134.	.358	2336.
302.	188.6	1.052	1145.	463.8	.383	159.	.267	1857.
303.	255.9	.705	1208.	475.9	.401	2039.	.285	606.
304.	259.1	.727	1211.	381.3	.397	10.	.235	756.
305.	25.6	.156	825.	586.2	.429	2127.	.339	52.
306.	208.9	.772	1029.	424.9	.414	2.	.216	2400.

Table 5. Summary of 1984 data: Land station temperature-- daily average dry-bulb air temperature, (2) daily maximum and minimum dry-bulb air temperature and the time they occurred, and (3) daily average wet-bulb air temperature.
(C, degrees Celsius; h, hour)

JULIAN DAY	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
118.	7.84	14.62	1231.	-1.02	2400.	6.60
119.	-0.89	2.05	1533.	-3.48	342.	-1.17
120.	3.86	11.19	1331.	-2.43	247.	.87
121.	-0.08	2.05	1516.	-2.43	914.	-0.59
122.	2.13	8.64	1645.	-3.92	2343.	.01
123.	4.79	13.92	1401.	-5.77	430.	1.25
124.	8.63					4.40
125.	8.70	17.35	1211.	-2.43	507.	4.56
126.	9.96	17.62	1541.	2.40	2400.	5.67
127.	7.68	11.63	1539.	2.58	48.	7.12
128.	3.99	8.03	11.	1.08	2051.	2.43
129.	4.27	9.61	1402.	-0.41	531.	.32
130.	8.62	17.97	1431.	-0.15	508.	4.11
131.	12.69	20.78	1528.	4.51	2357.	7.34
132.	9.02	13.57	1024.	4.43	244.	4.95
133.	8.58	16.56	1524.	-1.46	437.	5.60
134.	8.48	15.24	1727.	.12	2400.	6.78
135.	9.21					4.49
136.	12.03	22.19	1458.	-1.99	437.	6.21
137.	14.38	21.93	1652.	8.20	613.	10.44
138.	18.14	23.33	1706.	11.19	2140.	11.93

JULIAN DAY	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
139.	17.35	26.15	1354.	6.98	444.	9.94
140.	12.50	18.94	1206.	3.90	2400.	8.89
141.						
142.						
143.						
144.						
145.						
146.						
147.						
148.						
149.						
150.						6.62
151.						9.71

Table 5. Summary of 1984 data: Land station temperature-- (1) daily average dry-bulb air temperature, (2) daily maximum and minimum dry-bulb air temperature and the time they occurred, and (3) daily average wet-bulb air temperature. (continued)

JULIAN DAY	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
152.						15.33
153.						13.63
154.	14.64	22.10	1330.	2.84	2006.	9.90
155.	14.88	23.33	1341.	5.83	401.	11.88
156.	15.63	20.08	932.	10.67	449.	14.82
157.	18.53	24.56	1852.			
158.	19.57	27.12	1551.	15.59	2358.	
159.	19.82	28.70	1244.	14.27	442.	
160.	15.06	17.09	1355.	9.44	2354.	14.14
161.	14.88	21.84	1313.	7.68	235.	12.80
162.	10.74	18.67	1806.	3.81	2352.	9.43
163.	12.28	19.20	1123.	3.11	124.	10.70
164.	18.55	26.76	1234.	13.31	2319.	16.80
165.	16.14	22.72	1340.	8.29	2355.	12.66
166.	13.58	19.02	1838.	6.18	418.	12.21
167.	16.10	23.51	1336.	10.84	143.	14.70
168.	17.96	20.43	1419.	15.33	348.	17.06
169.	18.72	21.93	1551.	12.43	2354.	18.07
170.	17.44	23.77	1507.	9.52	2400.	13.68

JULIAN DAY	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
171.	13.21	16.03	1508.	8.47	302.	11.92
172.	18.63	24.30	1604.	12.51	408.	15.60
173.	18.07	20.61	1108.	15.50	225.	17.23
174.	20.15	26.76	1852.	15.50	512.	18.26
175.	16.37	20.78	1228.	10.14	2247.	13.35
176.	16.26	24.92	1531.	8.03	411.	14.44
177.	19.21	27.12	1420.	6.62	333.	16.43
178.	17.48	23.77	1003.	13.75	441.	14.89
179.	18.59	26.06	1644.	10.31	2352.	18.47
180.	17.56	25.00	1534.	8.73	438.	14.93
181.	17.02	25.80	1346.	6.36	446.	13.66
182.	18.96	26.94	1524.	9.52	403.	15.10
183.	17.59	22.98	1118.	11.55	2334.	15.96
184.	20.69	28.96	1437.	12.69	46.	18.06
185.	19.51	26.41	1258.	11.02	2358.	15.42

Table 5. Summary of 1984 data: Land station temperature-- (1) daily average dry-bulb air temperature, (2) daily maximum and minimum dry-bulb air temperature and the time they occurred, and (3) daily average wet-bulb air temperature. (continued)

JULIAN DAY	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
186.	17.14	24.12	1342.	8.64	439.	13.56
187.	15.86	21.84	1345.	7.94	2251.	12.63
188.	12.35	19.46	1516.	4.95	434.	9.52
189.	14.72	22.37	1400.	3.63	150.	11.29
190.	20.67	28.52	1618.	13.83	153.	17.84
191.	21.41	29.58	1841.	12.69	2258.	19.52
192.	19.37	28.08	1553.	11.99	305.	16.36
193.	19.86	28.61	1438.	10.49	458.	15.73
194.	22.11	31.87	1418.	10.05	506.	16.59
195.	24.45	31.87	1517.	16.38	436.	20.03
196.	21.24	26.59	1615.	13.31	2349.	17.70
197.	16.60	22.81	1552.	11.19	328.	13.49
198.	14.78	23.16	1539.	7.85	2400.	13.39
199.	15.03	23.07	1528.	6.89	217.	12.01
200.	17.34	25.97	1512.	5.92	437.	13.55
201.	19.63	27.73	1455.	10.14	2359.	15.53
202.	18.88	28.61	1700.	8.03	423.	14.97
203.	23.44	31.34	1443.	11.90	412.	19.06

JULIAN DAY	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
204.	25.42	32.48	1430.	18.32	2359.	21.53
205.	18.66	25.88	1205.	11.11	454.	14.91
206.						15.46
207.						15.59
208.	17.90	27.91	1518.	9.52	506.	14.95
209.	18.61	27.12	1412.	11.11	117.	15.54
210.	19.55	28.35	1302.	10.49	458.	16.19
211.	21.02	29.14	1303.	12.51	509.	16.51
212.	22.33	28.79	1131.	16.91	546.	17.83
213.	23.34	31.78	1218.	17.70	458.	20.44
214.	22.78	29.75	1445.	16.12	2357.	19.72
215.	19.75	27.12	1702.	13.04	2340.	18.09
216.	20.40	29.49	1436.	11.02	431.	16.38
217.	18.72	24.83	1129.	11.72	201.	17.46
218.	22.76	30.11	1555.	17.88	230.	20.98
219.	24.38	33.18	1500.	17.35	521.	21.90
220.	21.52	30.72	1127.	15.59	2331.	20.08
221.	21.72	29.40	1436.	14.62	541.	17.99

Table 5. Summary of 1984 data: Land station temperature-- (1) daily average dry-bulb air temperature, (2) daily maximum and minimum dry-bulb air temperature and the time they occurred, and (3) daily average wet-bulb air temperature. (continued)

JULIAN DAY	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
222.	18.42	25.97	1449.	13.66	2400.	15.26
223.	18.19	25.27	1524.	12.69	2333.	16.28
224.	19.25	25.71	1447.	12.87	19.	16.61
225.	22.41	30.19	1622.	15.15	16.	19.49
226.	26.22	35.38	1534.	18.76	444.	22.21
227.	24.51	32.66	1416.	19.37	532.	20.74
228.	20.29	27.12	1510.	11.11	2331.	17.43
229.	19.09	28.61	1458.	9.17	538.	16.03
230.	21.26	31.51	1257.	12.16	2400.	17.96
231.	18.21	27.47	1433.	9.26	513.	14.58
232.	19.64	30.37	1521.	9.52	236.	15.80
233.	19.69	23.51	1000.	16.47	500.	17.37
234.	20.05	27.12	1439.	14.45	513.	15.97
235.	13.04	19.46	1440.	8.56	2400.	10.56
236.	14.93	24.39	1459.	5.57	441.	12.29
237.	17.90	25.71	1339.	11.37	219.	15.31
238.	21.31	28.17	1506.	15.68	301.	18.42
239.	23.35	30.46	1527.	17.88	436.	20.73

JULIAN DAY	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
240.	24.05	34.68	1439.	16.21	507.	19.91
241.	24.20	35.91	1403.	14.27	520.	18.90
242.	17.03	22.81	1700.	8.64	2359.	12.75
243.	13.51	20.87	1627.	6.45	2400.	9.20
244.	11.13	17.35	1335.	4.07	328.	9.63
245.	12.36	13.83	1318.	11.28	821.	10.97
246.	11.97	14.36	1707.	9.17	2400.	11.57
247.	12.47	20.43	1652.	5.92	339.	10.57
248.	11.43	19.11	1551.	4.51	2344.	9.33
249.	11.43	20.43	1437.	1.87	510.	9.11
250.	14.66	18.94	1247.	11.19	311.	12.51
251.	13.61	15.86	958.	8.56	2309.	13.03
252.	10.42	14.89	1514.	7.85	423.	9.71
253.	10.49	15.42	1648.	5.48	2307.	9.61
254.	10.43	17.00	1348.	4.43	2400.	8.96
255.	9.81	17.53	1325.	.56	538.	7.48
256.	12.95	16.56	1654.	10.31	2225.	12.52
257.	10.90	15.94	1317.	2.76	2359.	9.32

Table 5. Summary of 1984 data: Land station temperature-- (1) daily average dry-bulb air temperature, (2) daily maximum and minimum dry-bulb air temperature and the time they occurred, and (3) daily average wet-bulb air temperature. (continued)

JULIAN DAY	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
258.	6.97	14.98	1225.	.20	2400.	5.09
259.	7.15	17.53	1650.	-1.99	548.	4.67
260.	11.05	20.43	1216.	.91	353.	7.48
261.	15.48	23.60	1435.	8.38	506.	11.57
262.	17.93	29.49	1352.	7.68	2359.	13.59
263.	18.66	31.87	1445.	6.18	413.	12.60
264.	11.19	19.11	1301.	4.60	506.	8.22
265.	17.69	25.80	1442.	10.84	611.	13.01
266.	16.26	20.78	45.	8.20	2400.	11.02
267.	3.20	8.38	5.	1.08	554.	1.75
268.	4.48	6.54	1431.	2.76	2400.	4.15
269.	.96	2.84	545.	-1.99	2358.	.27
270.	3.17	11.37	1532.	-4.72	609.	1.11
271.	4.87	10.58	1536.	.47	2400.	3.06
272.	2.15	10.84	1538.	-3.84	617.	.28
273.	4.19	14.27	1432.	-4.45	403.	1.37
274.	5.15	17.09	16.	-2.78	518.	2.23

JULIAN DAY	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
275.	8.59	20.25	1342.	-4.45	601.	3.94
276.	13.61	20.17	1514.	6.62	618.	7.69
277.	10.48	18.06	1539.	3.55	639.	6.42
278.	11.94	19.90	1256.	6.98	250.	8.33
279.	12.40	20.08	1417.	5.48	551.	10.03
280.	14.11	20.43	1223.	11.37	633.	12.78
281.	12.52	13.22	1540.	9.52	2400.	12.17
282.	12.00	18.85	1622.	6.71	2137.	10.98
283.	12.12	18.50	1322.	6.80	52.	11.02
284.	14.32	18.58	1513.	10.49	32.	13.09
285.	16.58	19.90	1507.	15.24	2149.	15.04
286.	16.71	20.87	1422.	14.80	639.	15.06
287.	18.59	25.18	1505.	14.45	532.	15.93

Table 5. Summary of 1984 data: Land station temperature-- (1) daily average dry-bulb air temperature, (2) daily maximum and minimum dry-bulb air temperature and the time they occurred, and (3) daily average wet-bulb air temperature. (continued)

JULIAN DAY	DAILY AVERAGE DRY-BULB AIR TEMPERATURE (c)	MAXIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MAXIMUM DRY-BULB AIR TEMPERATURE (h)	MINIMUM DRY-BULB AIR TEMPERATURE (c)	TIME OF MINIMUM DRY-BULB AIR TEMPERATURE (h)	DAILY AVERAGE WET-BULB AIR TEMPERATURE (c)
288.	14.77	15.59	1228.	14.10	533.	14.30
289.	13.00	16.21	1211.	4.78	2119.	12.45
290.	4.84	8.03	1130.	.38	2252.	3.91
291.	4.71	11.99	1612.	.38	40.	2.91
292.	6.63	8.56	248.	5.22	1923.	5.47
293.	3.37	5.92	20.	1.70	2203.	2.98
294.	2.77	4.51	1418.	1.52	144.	2.27
295.	2.14	5.04	1337.	-.68	2046.	1.48
296.	1.20	3.72	1039.	-1.55	2359.	.41
297.	.68	4.87	1518.	-2.52	600.	-.35
298.	4.02	10.31	1315.	-1.99	630.	2.70
299.	5.86	9.96	1335.	2.49	259.	4.75
300.	8.92	16.65	1556.	5.22	407.	7.39
301.	7.48	14.54	941.	-3.05	2400.	6.87
302.	-4.25	1.87	1602.	-6.92	2350.	-4.53
303.	.88	10.49	1518.	-7.00	20.	-.56
304.	-6.15	-1.20	1448.	-10.60	2326.	-6.31
305.	-1.61	.47	2227.	-8.50	1.	-1.93
306.	-10.30	-1.11	1.	-13.30	730.	-10.50

Table 6. Summary of 1984 data: Land station wind and precipitation-- (1) daily average wind speed, (2) daily maximum wind speed and the time it occurred, and (3) daily total precipitation. (m, meter; mi/h, miles per hour; in, inches)

HEIGHT OF MEASUREMENT ABOVE LAND SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY TOTAL PRECIP. (in)	
2	118.	5.427	22.080	730.	.190	
	119.	8.890	31.390	1035.	0.000	
	120.	3.301	13.500	2335.	0.000	
	121.	8.800	26.400	1123.	0.000	
	122.	5.440	16.580	1422.	0.000	
	123.	2.074	11.630	1232.	0.000	
	124.					
	125.	2.376	12.930	1249.	0.000	
	126.	2.175	10.950	1545.	0.000	
	127.	2.903	14.970	1131.	.990	
	128.	7.270	22.410	1313.	.280	
	129.	8.220	29.570	1521.	0.000	
	130.	3.263	12.370	1349.	0.000	
	131.	4.363	26.600	1623.	0.000	
	132.	7.690	34.560	1117.	0.000	
	133.	2.488	8.890	57.	.020	
	134.	2.468	12.170	1714.	.010	
	135.					
	136.	3.298	11.150	1116.	0.000	
	137.	3.919	14.210	1148.	.270	
	138.	5.384	24.650	1146.	0.000	

HEIGHT OF MEASUREMENT ABOVE LAND SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY TOTAL PRECIP. (in)
2	139.	6.230	26.380	1503.	0.000
	140.	3.706	20.860	1250.	0.000
	141.				
	142.				
	143.				
	144.				
	145.				
	146.				
	147.				
	148.				
	149.				
	150.				
	151.	3.001	19.730	1449.	0.000

Table 6. Summary of 1984 data: Land station wind and precipitation-- (1) daily average wind speed, (2) daily maximum wind speed and the time it occurred, and (3) daily total precipitation. (continued)

HEIGHT OF MEASUREMENT ABOVE LAND SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY TOTAL PRECIP. (in)
2	152.	2.798	15.710	1314.	0.000
	153.	2.580	12.000	1900.	.510
	154.	5.246	21.480	1206.	0.000
	155.	3.213	14.770	1333.	.030
	156.	2.748	14.210	1447.	.790
	157.	3.556	18.110	1116.	.010
	158.	2.754	12.820	1603.	.810
	159.	2.746	12.760	2135.	.250
	160.	6.923	25.500	858.	.510
	161.	2.365	10.920	2108.	0.000
	162.	2.811	14.800	401.	.850
	163.	2.029	8.750	858.	.040
	164.	2.778	16.580	1426.	.150
	165.	4.005	15.030	1220.	0.000
	166.	2.510	10.560	2240.	.010
	167.	2.666	8.320	732.	.010
	168.	1.587	7.100	709.	0.000
	169.	1.522	6.599	1143.	.390
	170.	4.157	16.160	1419.	0.000

HEIGHT OF MEASUREMENT ABOVE LAND SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY TOTAL PRECIP. (in)
2	171.	2.105	9.820	1625.	.080
	172.	4.175	10.870	347.	0.000
	173.	2.860	15.080	1512.	.440
	174.	1.896	11.490	1413.	.010
	175.	5.020	23.800	1417.	0.000
	176.	4.077	18.340	1044.	0.000
	177.	3.312	26.460	2350.	0.000
	178.	5.978	28.470	1443.	.150
	179.	4.121	15.740	1256.	0.000
	180.	1.869	11.290	1251.	0.000
	181.	1.637	8.410	1555.	0.000
	182.	1.761	9.650	1646.	0.000
	183.	1.658	9.090	546.	.060
	184.	3.112	13.610	1329.	.250
	185.	2.698	12.850	1657.	.020

Table 6. Summary of 1984 data: Land station wind and precipitation-- (1) daily average wind speed, (2) daily maximum wind speed and the time it occurred, and (3) daily total precipitation. (continued)

HEIGHT OF MEASUREMENT ABOVE LAND SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY TOTAL PRECIP. (in)
2	186.	3.760	19.100	1201.	0.000
	187.	4.125	19.700	1501.	0.000
	188.	2.505	11.690	1304.	0.000
	189.	1.854	10.190	1330.	.110
	190.	2.322	10.730	242.	.010
	191.	1.451	8.040	222.	.020
	192.	1.652	10.330	1503.	0.000
	193.	2.985	13.220	1249.	0.000
	194.	2.594	13.440	1111.	0.000
	195.	2.537	9.400	140.	0.000
	196.	3.357	16.870	1713.	0.000
	197.	5.173	24.420	1359.	0.000
	198.	1.725	15.030	1731.	.180
	199.	3.343	18.250	934.	.010
	200.	2.733	12.200	1323.	0.000
	201.	2.073	11.320	1535.	0.000
	202.	1.559	10.080	1349.	0.000
	203.	2.775	15.280	1434.	0.000

HEIGHT OF MEASUREMENT ABOVE LAND SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY TOTAL PRECIP. (in)
2	204.	3.911	12.230	1556.	.090
	205.	2.365	11.010	1626.	0.000
	206.				
	207.				
	208.	1.920	15.590	1702.	.060
	209.	1.859	8.970	1301.	0.000
	210.	1.549	7.700	1603.	0.000
	211.	2.420	9.910	1250.	0.000
	212.	3.036	13.390	1110.	0.000
	213.	1.986	14.180	1445.	.040
	214.	3.067	11.180	1230.	.020
	215.	2.688	10.050	1118.	0.000
	216.	2.301	12.450	1433.	0.000
	217.	1.533	7.780	951.	.570
	218.	1.262	4.760	1410.	.010
	219.	1.601	8.970	1248.	.010
	220.	1.658	10.560	1412.	.260
	221.	3.138	16.270	1901.	0.000

Table 6. Summary of 1984 data: Land station wind and precipitation-- (1) daily average wind speed, (2) daily maximum wind speed and the time it occurred, and (3) daily total precipitation. (continued)

HEIGHT OF MEASUREMENT ABOVE LAND SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY TOTAL PRECIP. (in)
2	222.	3.729	15.590	1451.	0.000
	223.	1.888	8.070	1215.	0.000
	224.	2.727	8.800	1459.	0.000
	225.	2.897	11.630	2107.	0.000
	226.	2.017	14.660	1638.	0.000
	227.	2.764	15.540	1115.	.040
	228.	2.049	11.320	1210.	0.000
	229.	1.922	10.730	1336.	0.000
	230.	2.074	10.920	1218.	0.000
	231.	1.966	10.780	1351.	0.000
	232.	1.911	10.900	1248.	0.000
	233.	2.669	15.620	1048.	.890
	234.	3.935	19.240	1531.	0.000
	235.	3.627	12.910	132.	0.000
	236.	1.615	8.970	1244.	0.000
	237.	2.524	12.910	1942.	.120
	238.	2.441	11.040	1620.	.010
	239.	2.257	10.870	1442.	0.000

HEIGHT OF MEASUREMENT ABOVE LAND SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY TOTAL PRECIP. (in)
2	240.	1.848	10.360	1329.	0.000
	241.	1.646	11.350	1925.	0.000
	242.	2.168	25.360	1949.	.010
	243.	4.799	22.100	1152.	0.000
	244.	1.239	6.175	2348.	0.000
	245.	4.689	13.580	907.	.120
	246.	2.045	8.890	836.	.120
	247.	2.001	14.860	1337.	.020
	248.	2.007	12.170	1121.	0.000
	249.	1.433	7.810	1211.	0.000
	250.	3.714	14.750	1823.	.100
	251.	2.373	9.790	333.	.130
	252.	2.262	14.890	1333.	.140
	253.	2.299	8.600	1318.	.070
	254.	2.688	14.970	1259.	0.000
	255.	2.357	11.890	2342.	0.000
	256.	3.535	13.900	657.	.310
	257.	4.010	17.830	1130.	0.000

Table 6. Summary of 1984 data: Land station wind and precipitation-- (1) daily average wind speed, (2) daily maximum wind speed and the time it occurred, and (3) daily total precipitation. (continued)

HEIGHT OF MEASUREMENT ABOVE LAND SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY TOTAL PRECIP. (in)
2	258.	2.105	15.540	1455.	0.000
	259.	2.060	12.400	1110.	0.000
	260.	2.489	18.570	1641.	0.000
	261.	2.818	12.060	846.	0.000
	262.	2.625	13.130	1037.	0.000
	263.	3.425	24.450	1514.	0.000
	264.	1.766	9.370	741.	0.000
	265.	4.176	13.610	1520.	0.000
	266.	5.450	19.730	1225.	.030
	267.	3.837	17.970	2307.	.260
	268.	4.063	15.110	430.	.410
	269.	5.423	18.280	1655.	.050
	270.	2.209	12.880	1143.	0.000
	271.	2.223	10.130	1728.	.020
	272.	2.969	15.740	1326.	0.000
	273.	2.802	14.890	1505.	0.000
	274.	1.628	9.760	1254.	0.000

HEIGHT OF MEASUREMENT ABOVE LAND SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY TOTAL PRECIP. (in)
2	275.	1.981	16.390	1141.	0.000
	276.	4.199	19.020	1426.	0.000
	277.	3.502	12.960	1348.	0.000
	278.	2.851	12.000	2042.	0.000
	279.	3.351	11.490	816.	0.000
	280.	2.670	8.830	1224.	.080
	281.	3.084	10.440	1005.	.100
	282.	2.542	11.090	827.	0.000
	283.	2.679	8.410	1657.	0.000
	284.	3.763	11.380	1211.	0.000
	285.	3.211	16.560	1123.	0.000
	286.	2.768	16.360	1138.	0.000
	287.	2.256	14.490	1401.	0.000

Table 6. Summary of 1984 data: Land station wind and precipitation-- (1) daily average wind speed, (2) daily maximum wind speed and the time it occurred, and (3) daily total precipitation. (continued)

HEIGHT OF MEASUREMENT ABOVE LAND SURFACE (m)	JULIAN DAY	DAILY AVERAGE WIND SPEED (mi/h)	DAILY MAXIMUM WIND SPEED (mi/h)	TIME OF MAXIMUM WIND SPEED (h)	DAILY TOTAL PRECIP. (in)
2	288.	2.576	12.080	2022.	2.070
	289.	6.425	22.670	1452.	1.830
	290.	2.842	17.260	28.	.610
	291.	4.469	20.430	203.	.330
	292.	6.598	25.560	2150.	1.060
	293.	6.567	21.110	1545.	1.110
	294.	3.969	15.620	20.	.040
	295.	3.820	12.480	1058.	.010
	296.	3.006	13.700	1011.	.030
	297.	2.037	13.610	1417.	0.000
	298.	2.291	13.130	1324.	0.000
	299.	2.969	9.990	2256.	0.000
	300.	1.969	10.840	27.	0.000
	301.	6.106	29.940	2027.	.060
	302.	4.390	23.380	253.	0.000
	303.	2.669	12.540	1121.	0.000
	304.	4.064	16.410	720.	0.000
305.	3.293	20.350	819.	.010	
306.	10.590	25.070	1523.	0.000	