Micrometeorological Data for Energy-Budget Studies Near Rogers Spring, Ash Meadows National Wildlife Refuge, Nye County, Nevada, 1994

By William D. Nichols *and* Timothy R. Rapp

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DISKETTE

(in pocket at back of report)
High-density, double-sided, soft-sectored, 3-1/2-inch diskette containing hourly value files

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CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
Area		
square hectometer (hm^2)	2.471	acre
Density		
kilogram per cubic meter (kg/m^3)	6.2428×10^{-2}	pound per cubic foot
Energy and Area Time		
watt per square meter (W/m^2)	5.2895×10^{-3}	British thermal unit per square foot per minute
Energy and Mass		
joule per gram (J/g)	0.4303	British thermal unit per pound
Length		
centimeter (cm)	2.54	inch
micrometer (µm)	0.3937	mil
meter (m)	3.281	foot
kilometer (km)	0.621	mile
Specific heat capacity		
joules per kilogram per degree kelvin [J/(kg°K)]	2.388×10^{-4}	British thermal unit per pound per degree Fahrenheit
Pressure		
kilopascal (kPa)	0.2953	inches of mercury
	0.1450	pound per square inch
	10	millibar
Temperature		
degree Celsius (°C)	1.8°C+32	degree Fahrenheit
degree kelvin (°K)	(°K-273.15)1.8+32	degree Fahrenheit
Velocity or Rate		
meter per second (m/s)	2.237	mile per hour

Sea level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929, formerly called "Sea-Level Datum of 1929"), which is derived from a general adjustment of the first-order leveling networks of the United States and Canada.

LIST OF SYMBOLS

C_s	Specific heat capacity of dry soil, J/kg°K
C_w	Specific heat capacity of water, J/kg°K
d	Depth of heat flux transducer, m
D_b	Bulk density of soil, kg/m^3
$e_{1,2}$	Vapor pressure above canopy reference height, kPa
G	Soil heat flux, W/m^2
H	Sensible heat above the canopy, W/m^2
LE	Latent heat flux above the canopy, W/m^2
Rn	Net radiation on soil and canopy, W/m^2
t	Time sampling interval, s
$T_{1,2}$	Air temperature at above-canopy reference height, °C
T^c	Canopy temperature, °C
T_s	Soil surface temperature, °C
u	Windspeed at above-canopy reference height, m/s
W	Soil-water content, gravimetric
β	Bowen ratio, dimensionless
Δe	Vapor pressure difference, kPa
ΔT	Air temperature difference, °C
ΔT_s	Difference in soil temperature over time, °C
γ	Psychrometric constant, kPa/°K

Micrometeorological Data for Energy-Budget Studies Near Rogers Spring, Ash Meadows National Wildlife Refuge, Nye County, Nevada, 1994

By William D. Nichols *and* Timothy R. Rapp

ABSTRACT

Micrometeorological data were collected at two sites near Rogers Spring in the Ash Meadows National Wildlife Refuge for use in energy-budget studies beginning in 1994. The data collected at each site included net radiation, air temperature at two heights, dew-point temperature at two heights, windspeed at two heights, soil heat flux, and soil temperature in the interval between the land surface and the buried heat-flux plates.

INTRODUCTION

The Ash Meadows National Wildlife Refuge is in the Mojave Desert in south-central Nye County, Nev., near the border with California (fig. 1). The refuge includes about 8,840 hm^2 of desert uplands and spring-fed oases and is about 65 km east of the Death Valley National Monument headquarters at Furnace Creek, Calif., and about 145 km northwest of Las Vegas, Nev. Altitudes range from 600 to 700 m above sea level. Springs in the Ash Meadows area are points of ground-water discharge from the Ash Meadows subbasin of the Death Valley ground-water flow system (fig. 1; Waddell and others, 1984; Harrill and others, 1988).

Micrometeorological data collection was begun in 1994 at two sites near Rogers Spring in the Ash Meadows National Wildlife Refuge (fig. 2) for use in energy-budget studies. The energy budget is solved to estimate the amount of ground-water discharged by evapotranspiration, which is related to the discharge of springs throughout the Ash Meadows area. These data were collected by the U.S. Geological Survey, in cooperation with the U.S. Department of Energy Environmental Restoration Program.

The purpose of this report is to describe the instrumentation and procedures used for data collection and to present and describe the data collected in 1994 that are needed to solve the energy-budget equation.

Both sites near Rogers Spring are in the $NW^1/_4$ sec. 15, T. 17 S., R. 50 E. Rogers Spring Site 1 is at lat 36°28′56″ N., long 116°19′56″ W., at an altitude of 687.4 m. The land surface at this site is about half bare soil and half scattered patches of dense saltgrass. The saltgrass is about 18 cm high. The ground-water level at this site was about 0.75 m below land surface on May 15, 1994. By September 11, 1994, it was 2.19 m below land surface. Rogers Spring Site 2 is 245 m northeast of Site 1 at 36° 28′55″ N., 116°20′06″ W. and is at an altitude of 686.6 m. The site is in a saltgrass marsh with only about 5 percent exposed bare soil. The saltgrass is about 25 cm high. Ground water was at land surface in January 1994, about 0.1 m below land surface on May 15, and about 2.25 m below land surface by September 11.

METHODS

Instrumentation and Measurements

Two separate and complete instrumentation stations, a micromet station and an energy-budget station, were in operation at each site for part of the year, with one station in operation for the entire year at each site. A micromet station measured net radiation, air temperature at two heights, humidity at one height, and windspeed at two heights (tables 3 and 6). An energy-budget station, which was in operation beginning March 16, measured net radiation, air temperature and dew-point temperature at two heights, soil heat flux, and changes in soil temperature (tables 1, 2, 4, and 5).

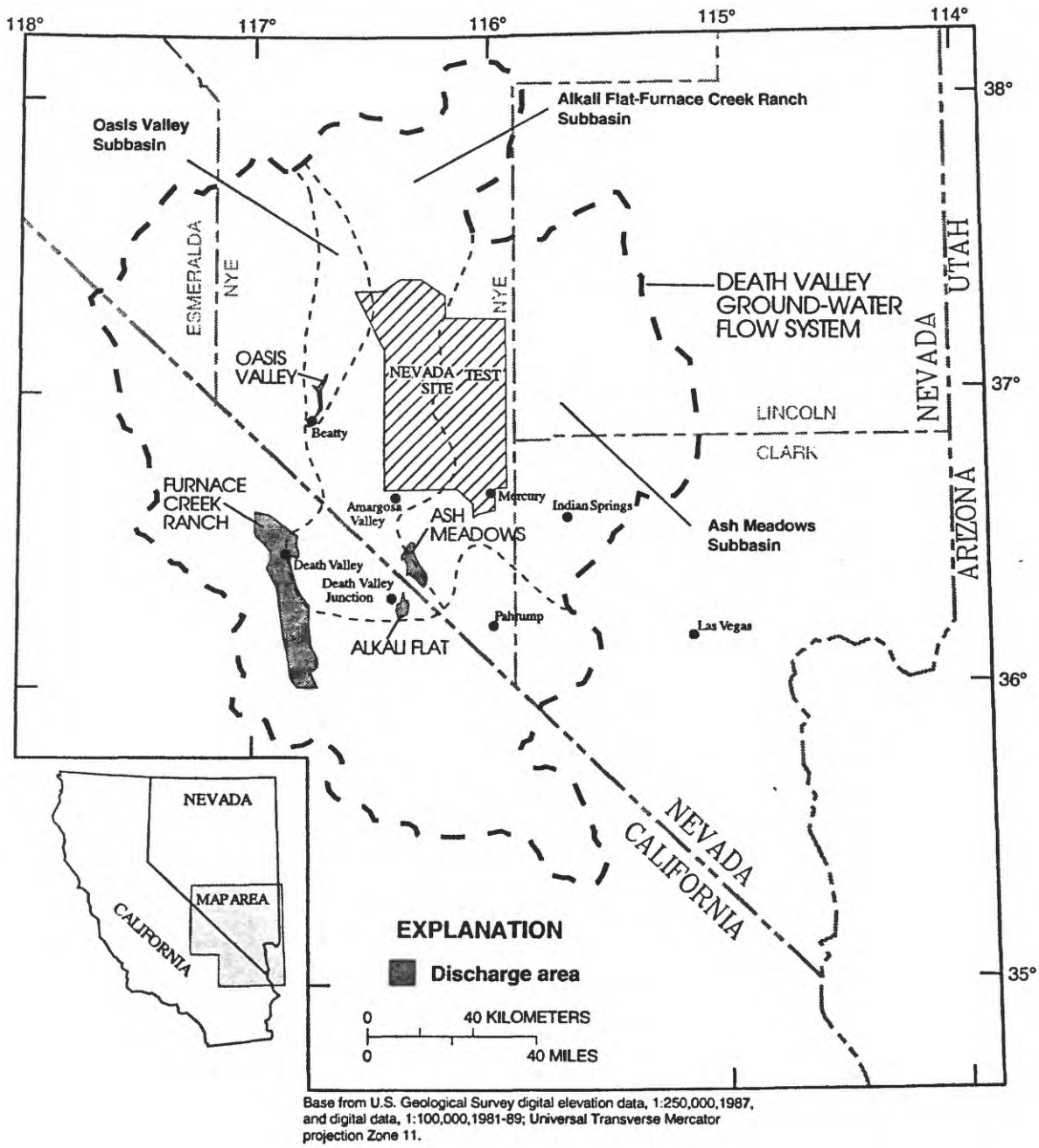

Figure 1. Location of Death Valley ground-water flow system and three primary subbasins controlling ground-water flow at Nevada Test Site (Randell J. Laczniak, U.S. Geological Survey, written commun., 1996): Ash Meadows, Oasis Valley, and Alkali Flat-Furnace Creek Ranch. Major discharge areas are Ash Meadows, Oasis Valley, Alkali Flat, and Furnace Creek Ranch (Death Valley).

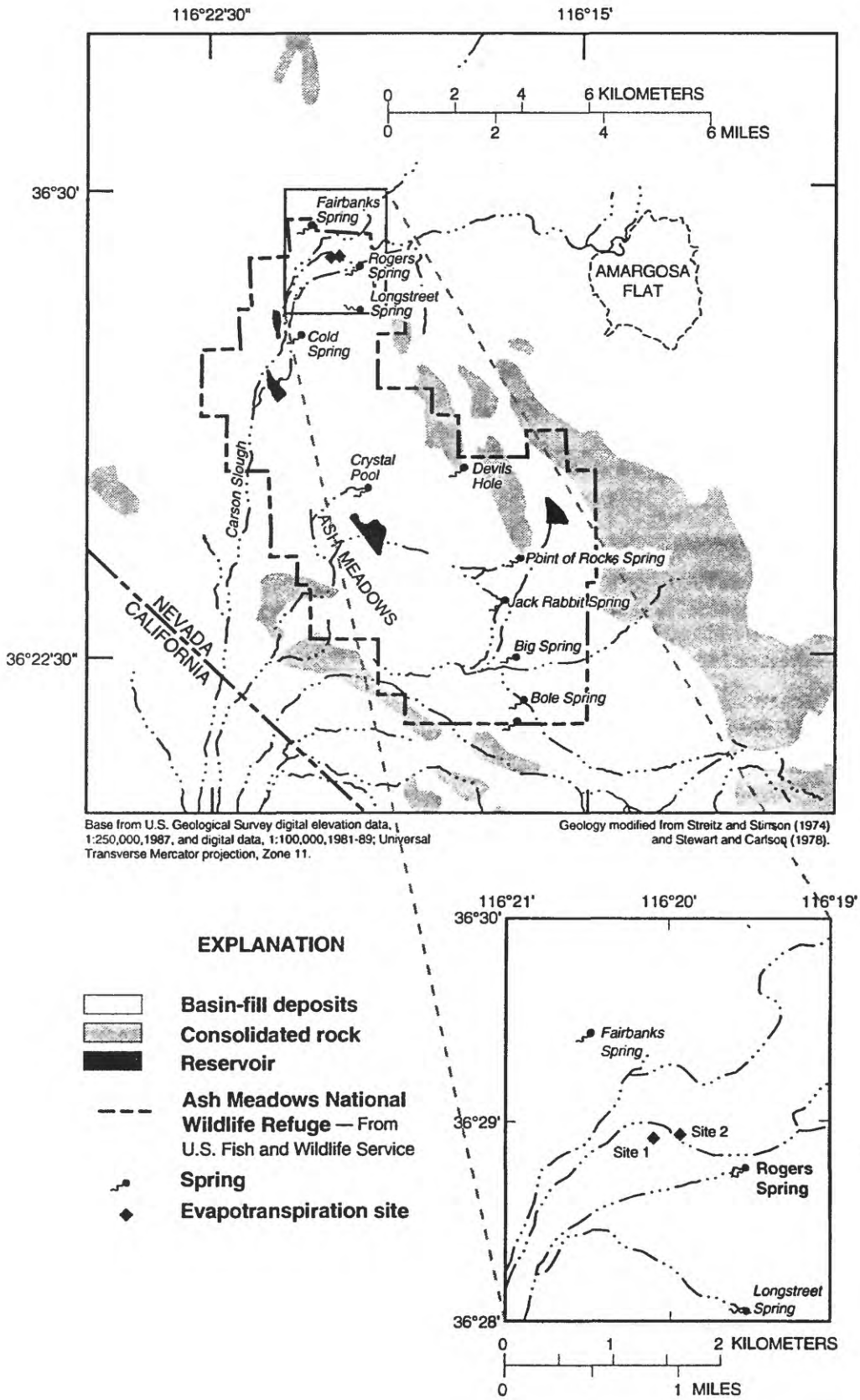

Figure 2. Location of Ash Meadows National Wildlife Refuge and Rogers Spring study sites.

The latter station was operated only during daylight hours through winter because of night-time freezing temperatures that interfere with the measurement of dew-point temperature. Minor differences occur in some measured variables common to the two stations because of differences in instruments used or atmospheric differences in the vicinity of the station even though the stations are within 5 m of one another.

Net radiation was measured at both instrument stations at each location with a Radiation Energy Balances Systems net radiometer model Q6.

Vapor-pressure gradients were determined by the energy-budget station at each site by measuring dew-point temperatures at two heights using a Campbell Scientific, Inc. (CSI) single-cooled-mirror hygrometer. The measuring heights at Site 1 were 0.5 m and 1.5 m above the top of the canopy and at Site 2 were 0.7 m and 1.7 m above the top of the canopy. Air is drawn alternately through intakes at each height and routed to the cooled mirror; a single pump aspirates the system. Problems of measuring vapor pressures that typically are associated with systematic sensor error are avoided by this system by using a single sensor. However, operating limitations of the cooled mirror under conditions of high temperature and low humidity can result in invalid dew-point temperatures and consequently invalid vapor pressures. These conditions occur when ambient temperature approaches 35°C and humidity drops below 10 percent.

Mirror contamination may occur in areas of saltgrass and salt marsh. When this happens, measured dew-point temperatures, and hence vapor pressures, are too high, but differences in dew-point temperature measured at the two heights may be approximately correct. Mirror contamination was a problem at Site 1 beginning in late July and continuing into September. More frequent servicing of the equipment minimized the problem after mid-August. No attempt was made to correct dew-point temperature measurements or calculated vapor pressures because of this problem. Air temperature was measured at the same two heights using 76-µm diameter unshielded, non-aspirated chromel-constantan thermocouples.

Soil heat flux was measured with two Radiation Energy Balance Systems heat-flow transducers buried at 0.05 m. Change in soil temperature in the soil layer above each transducer was measured by four thermocouples wired in parallel to provide a spatially averaged soil temperature. Two of the four thermocouples were placed above each transducer, one at a depth of about 0.01 m and one at a depth of about 0.03 m. The change in soil temperature measured by the thermocouple, together with periodically measured soil-water content and soil bulk density and an estimated value for the specific heat of dry soil, were used to calculate changes in soil heat storage in the interval above the flux transducers. This heat storage was added to the flux measured by the transducer.

Soil heat flux can be a significant component of the energy budget in sparse-canopy rangelands. Both sets of sensors were placed in full sun locations to measure the maximum soil heat flux throughout the day. This maximum value was modified for the area of bare soil at each study site.

Air and dew-point temperatures were sampled at 1-s intervals and averaged for 20-min periods. These data were collected from March 16, 1994, through the end of the calendar year. Radiation, soil heat flux, and soil temperatures were sampled at 10-s intervals and averaged for 1-hr periods from January 1 to March 15 and for 20-min periods beginning on March 16. Data were collected with CSI 21X microloggers.

Data collected at the micromet station at each site included air temperature, humidity, and windspeed. Air temperature and humidity were measured with a Rotronics temperature-humidity sensor mounted at 0.7 m above the soil surface at Site 1 and 1.25 m above the soil surface at Site 2.

Windspeed was measured using R.M. Young, Inc., photo-chopper anemometers with a threshold of 0.2 m/s. Windspeed measurements were made at the same heights as those of air and dew-point temperature and relative humidity. Air temperature, humidity, and windspeed were sampled at 10-s intervals. Data were averaged for 1-hr intervals from January 1 to March 15 and for 20-min intervals from March 16 to December 31. The 20-min data were averaged for 1-hr intervals and hourly data were averaged for daily values. Data were collected with CSI 21X microloggers.

Equations

Values of net radiation, air-temperature gradient, vapor-pressure gradient, and soil-heat flux are used to solve the energy budget, given by (symbols used in the following equations are given in the table at the front of the report.)

$$Rn = LE + H + G \qquad (1)$$

using the Bowen-ratio method (Tanner, 1960).

Net radiation, *Rn*, and soil heat flux, *G*, are measured. Latent heat flux, *LE*, and sensible heat flux, *H*, are not measured and equation 1 cannot be solved directly; the Bowen-ratio method (Bowen, 1926) is used. The Bowen ratio is the ratio of sensible to latent heat fluxes and is given by

$$\beta = \frac{H}{LE} = \gamma\frac{\Delta T}{\Delta e} = \gamma\frac{T_1 - T_2}{e_1 - e_2}. \quad (2)$$

Latent heat flux is calculated by substituting equation 2 in equation 1, so that

$$LE = \frac{R_n - G}{1 + \beta}. \quad (3)$$

Then, sensible heat flux is given by

$$H = \beta LE. \quad (4)$$

Measured soil heat flux must be corrected for heat stored in the soil interval above the buried heat flux transducer. This correction is given by

$$S_s = \frac{\Delta T_s}{t} dD_b (C_s + WC_w). \quad (5)$$

These equations are not solved in this report, but are included to demonstrate one use of the data collected.

DISCUSSION

Data used to solve the Bowen ratio-energy budget equation were collected during 1994 beginning on March 16. Daily mean values of these data are given in table 1 for site 1 and table 4 for site 2. Daily values are not appropriate for calculating daily energy budgets; hourly averaged values should be used and the resulting values then averaged to obtain daily components of the energy budget. Hourly averaged values for each site are in files on the diskette included with this report. The disk is in IBM-compatible format for DOS-based computers. A short text file, named readme.txt, describes the variables included in each data file for each site. These data include day, time, net radiation, air temperature, vapor pressure, soil heat flux, change in soil temperature, and windspeed.

Daily mean, maximum, and minimum values for air temperature, dew-point temperature, and vapor pressure at the two sites are given in tables 2 and 5.

Micrometeorological data collected by the micromet station at each site are in tables 3 and 6. These tables give daily mean and maximum values of net radiation, and daily mean, maximum, and minimum values of air temperature, humidity, and windspeed. Hourly averaged values of these data are in files on the diskette included with this report.

Differences in net radiation measured by the net radiometers at Site 1 reflect the differences in land cover beneath each net radiometer. The net radiometer on the permanent station views more bare soil than does the net radiometer on the temporary station. Consequently, the permanent-station net radiometer measures more reflected short-wave radiation and more emitted long-wave radiation than does the other radiometer. The resulting net radiation measured at the permanent station is lower than that measured at the temporary station.

Mean daily air temperatures measured at Site 1 are slightly higher at the permanent station. These temperatures were measured with a Rotronics temperature-humidity sensor; temperatures at the temporary station were measured with fine-wire thermocouples. Typically, the Rotronics measures from 0.5 to 1°C higher than the thermocouples, but this depends in part on the accuracy of the thermocouple reference temperature in the CSI 21X data logger. Additionally, the Rotronics sensor is in a nonaspirated radiation shield and is affected by thermal loading during daylight hours.

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Table 1. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change, measured by energy-budget station at Rogers Spring Site 1, 1994

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dewpoint temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil-heat flux, in watts per square meter		Difference in soil temperature over time, in degrees Celsius
		0.7 meter	1.7 meters	0.7 meter	1.7 meters	0.7 meter	1.7 meters	Plate 1	Plate 2	
75	58.8	21.41	21.47	-6.75	-6.91	0.4043	0.3961	8.3	1.1	0.008
76	72.4	18.05	18.32	-6.97	-6.10	.3715	.3889	8.4	.4	.004
77	80.5	18.58	18.51	-3.16	-1.38	.4939	.5600	8.2	.8	.008
78	54.1	14.63	14.63	.75	3.43	.6556	.7880	2.2	-1.4	-.009
79	92.0	11.87	12.23	.24	1.16	.6547	.6798	-1.2	-3.2	-.011
80	85.9	14.10	14.25	-.08	1.02	.6440	.6760	2.0	-1.6	.021
81	77.7	12.45	12.64	-4.05	-4.47	.4839	.4735	-7.9	-5.8	-.047
82	85.7	9.23	9.31	-9.64	-10.54	.3081	.2772	-6.4	-5.3	.023
83	65.9	11.86	11.97	-5.47	-3.80	.4168	.4661	-.6	-2.6	-.002
84	102.2	8.82	8.75	-3.64	-1.10	.4779	.5701	-.9	-1.8	-.015
85	95.9	11.28	11.34	-2.71	-2.37	.5273	.5199	-4.5	-4.2	.016
86	90.2	14.00	14.57	-6.05	-7.24	.4058	.3572	-1.3	-2.5	-.005
87	84.9	14.63	14.92	-6.67	-6.81	.3947	.3706	3.4	-1.4	.020
88	95.8	15.03	15.57	-6.10	-5.65	.4109	.4048	5.6	-.2	.012
89	95.9	17.22	17.66	-4.84	-4.96	.4442	.4248	7.7	1.2	.002
90	101.4	16.52	17.19	-5.15	-4.69	.4462	.4408	4.4	-.6	-.006
91	103.3	15.19	15.77	-6.52	-6.19	.3971	.3881	-4.4	-4.7	-.004
92	88.4	17.03	17.50	-6.08	-5.95	.4078	.3945	4.6	-.7	.014
93	53.6	18.86	18.90	-2.94	-1.59	.5010	.5478	1.5	-2.2	-.006
94	95.4	14.84	14.83	-5.75	-6.35	.4181	.3981	-3.9	-4.8	-.014
95	99.5	12.99	13.25	-9.38	-9.13	.3155	.3093	-2.2	-3.6	.007
96	66.3	14.70	14.85	-7.10	-5.92	.3751	.4046	.1	-1.5	.005
97	104.9	14.90	15.19	-5.43	-4.44	.4205	.4415	3.0	-1.4	.011
98	76.8	14.85	14.73	-4.19	-2.22	.4572	.5210	3.2	-1.7	-.006
99	81.6	11.50	11.56	-4.00	-2.05	.4687	.5302	-2.2	-3.7	-.015
100	99.0	13.84	13.74	-3.81	-4.12	.4736	.4527	-5.8	-5.2	.002
101	112.8	14.26	14.80	-3.76	-2.77	.4918	.5046	1.9	-1.8	.006
102	105.9	15.54	16.11	-3.86	-3.99	.4968	.4631	5.7	-.1	.012
103	112.1	17.36	17.83	-5.07	-5.65	.4513	.4058	8.0	1.0	.008
104	93.8	18.62	19.21	-3.61	-2.84	.4996	.4999	6.4	.5	.010

Table 1. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change, measured by energy-budget station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dewpoint temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil-heat flux, in watts per square meter		Difference in soil temperature over time, in degrees Celsius
		0.7 meter	1.7 meters	0.7 meter	1.7 meters	0.7 meter	1.7 meters	Plate 1	Plate 2	
105	109.3	20.76	21.26	-3.41	-3.35	0.4936	0.4800	9.2	1.9	-0.000
106	97.5	20.17	21.11	-3.50	-3.34	.5019	.4811	8.4	.8	.010
107	96.9	22.15	22.73	-3.43	-3.60	.5025	.4720	10.4	1.9	.003
108	112.3	21.11	21.77	-3.22	-2.48	.5135	.5130	10.7	2.8	.004
109	123.2	21.05	21.97	-2.23	-1.23	.5571	.5669	11.5	2.9	.009
110	126.5	22.30	23.01	-2.06	-1.69	.5628	.5457	11.0	2.5	.001
111	115.4	23.89	24.00	-2.00	-2.03	.5492	.5364	8.5	1.2	-.002
112	49.1	16.12	16.24	-5.67	-2.51	.4109	.5121	-19.1	-11.6	.010
116	40.0	9.62	9.74	-3.26	-1.08	.4825	.5653	.7	-1.6	-.099
117	96.0	10.31	10.18	-2.51	-1.95	.5182	.5459	2.3	-.9	.004
118	114.8	11.39	11.47	3.09	4.13	.7848	.8269	2.0	-1.6	-.004
119	148.8	12.98	13.48	.73	.02	.6851	.6205	8.8	.4	.016
120	100.5	16.41	16.78	.98	1.38	.6756	.6778	6.7	-.3	-.001
121	134.9	16.17	16.66	.98	1.16	.6919	.6696	10.2	.9	.011
122	129.7	18.13	18.55	-.10	-.59	.6414	.5899	10.2	2.2	.009
123	120.9	18.94	19.49	-1.12	-1.15	.5872	.5630	11.0	1.7	.003
124	143.7	22.25	22.50	1.06	1.40	.6901	.6830	13.3	3.4	.017
125	119.7	23.28	23.33	.78	-.29	.6589	.6073	12.3	3.1	-.006
126	147.6	16.88	16.71	-1.92	-.19	.5410	.6057	5.5	-.1	-.011
127	113.9	14.58	14.43	-.14	1.23	.6186	.6703	3.1	-1.5	-.002
128	87.4	15.62	15.70	1.93	3.70	.7121	.7997	-.5	-2.4	-.010
129	89.3	18.38	18.51	3.79	3.59	.8279	.7927	4.1	.8	.014
130	137.1	20.88	21.09	3.95	4.32	.8471	.8383	13.4	4.5	.030
131	137.0	24.98	25.08	6.15	6.35	.9669	.9694	19.8	6.7	.012
132	147.7	24.16	24.32	5.84	6.72	.9566	.9926	17.2	6.1	.011
133	152.1	23.18	23.66	7.44	7.67	1.0807	1.0680	15.6	5.5	-.004
134	141.9	24.82	25.13	4.00	3.10	.8423	.7654	12.0	3.7	.003
135	128.1	25.44	25.42	-.10	-1.32	.6211	.5679	4.2	.6	-.022
136	144.8	18.06	18.02	-1.04	.28	.5790	.6307	-.8	-1.5	-.026
137	132.4	14.89	14.71	-2.49	-1.66	.5218	.5442	-3.2	-3.2	-.006

Table 1. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change, measured by energy-budget station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dewpoint temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil-heat flux, in watts per square meter		Difference in soil temperature over time, in degrees Celsius
		0.7 meter	1.7 meters	0.7 meter	1.7 meters	0.7 meter	1.7 meters	Plate 1	Plate 2	
138	149.8	14.10	13.89	-1.90	-0.70	0.5452	0.5832	0	-1.2	-0.001
139	142.5	13.78	13.90	-1.05	-.01	.5916	.6159	3.1	-.3	-.002
140	148.2	14.41	14.94	-2.91	-2.48	.5390	.5195	1.4	-1.0	-.001
141	148.0	17.16	17.92	-5.00	-7.08	.4537	.3621	2.7	-.3	.005
142	148.7	19.43	20.22	-5.22	-6.16	.4448	.3902	6.1	1.4	.012
143	153.9	21.08	21.96	-2.19	-1.16	.5551	.5691	10.3	3.2	.014
144	120.0	23.28	23.60	.62	.57	.6660	.6518	8.3	2.4	.017
145	130.1	24.97	24.94	6.10	6.83	.9633	.9934	15.5	6.1	.009
146	148.6	24.53	24.63	8.57	8.97	1.1453	1.1531	15.2	5.6	.006
147	95.3	25.61	25.71	4.16	2.06	.8322	.7119	2.4	0	-.015
148	148.2	25.24	25.56	1.69	-.78	.7220	.5973	11.7	4.5	.001
149	149.0	24.87	25.55	-2.42	-5.10	.5470	.4245	8.6	3.3	.005
150	100.0	25.82	26.07	.40	1.84	.6524	.7449	6.6	1.5	.012
151	169.2	21.55	21.90	7.31	8.79	1.0544	1.1542	14.1	5.4	-.004
152	162.0	22.89	23.46	5.14	4.93	.9223	.8762	10.9	4.2	.005
153	155.2	25.73	26.29	3.17	1.90	.8112	.7097	10.6	4.0	.004
154	119.2	25.91	26.50	-.30	-2.45	.6362	.5413	2.7	.8	-.010
155	149.4	23.86	24.69	-3.75	-3.62	.4971	.4760	8.0	3.6	.005
156	155.2	25.70	25.91	-.64	-.10	.6032	.6119	8.3	4.2	.009
157	127.1	23.58	23.58	1.67	2.02	.7148	.7342	2.2	1.5	-.016
158	155.4	20.77	21.66	-1.66	-1.25	.5668	.5607	4.8	2.3	.000
159	156.2	23.57	24.23	-1.37	-2.16	.5754	.5390	5.9	3.4	.006
160	160.2	23.93	24.83	-1.44	-1.48	.5874	.5805	9.0	4.5	.010
161	162.9	26.29	27.32	-1.18	-2.03	.5948	.5340	10.9	5.6	.010
162	159.8	28.46	29.17	.88	1.04	.6884	.6663	12.1	6.4	.012
163	156.0	30.19	30.41	2.15	2.38	.7365	.7331	13.5	7.3	.008
164	139.9	29.90	30.02	1.83	1.40	.7144	.6868	10.3	5.8	.004
165	154.6	28.35	28.20	3.80	4.86	.8309	.8822	12.6	7.8	.001
166	151.8	25.26	25.17	.37	.04	.6460	.6260	5.4	4.4	-.014
167	154.5	22.94	23.30	-2.85	-2.81	.5195	.5065	3.6	3.0	-.011

Table 1. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change, measured by energy-budget station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dewpoint temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil-heat flux, in watts per square meter		Difference in soil temperature over time, in degrees Celsius
		0.7 meter	1.7 meters	0.7 meter	1.7 meters	0.7 meter	1.7 meters	Plate 1	Plate 2	
168	157.3	26.59	26.93	-2.61	-3.48	0.5226	0.4800	6.7	4.9	0.012
169	162.7	26.48	27.26	-2.42	-1.99	.5387	.5359	8.2	5.5	-.005
170	164.7	26.00	26.85	-2.13	-2.19	.5596	.5306	8.5	5.1	.002
171	162.9	27.28	27.73	-.98	-.12	.6034	.6230	10.6	6.0	.024
172	159.7	29.95	30.28	4.77	4.95	.8776	.8862	15.1	8.0	.001
173	159.2	30.51	30.97	2.56	1.75	.7626	.7067	11.8	6.7	-.001
174	156.1	30.33	30.88	-.32	-1.49	.6243	.5574	10.8	6.0	.000
175	163.1	28.68	29.71	.08	.83	.6588	.6559	10.4	5.1	.007
176	155.2	32.42	32.79	1.50	.94	.7026	.6594	13.5	7.1	.017
177	151.1	34.75	34.82	2.70	2.37	.7548	.7274	18.2	9.2	.009
178	142.5	32.86	-64.25	5.85	7.34	.9509	1.0382	15.4	7.6	-.004
179	166.7	29.96	30.81	5.46	6.53	.9300	.9840	14.4	6.9	-.003
180	163.6	32.75	33.30	5.13	4.61	.9080	.8554	16.0	7.7	.015
181	148.6	32.74	33.30	4.18	3.83	.8457	.8051	14.9	7.2	.008
182	89.3	32.65	32.96	6.47	7.43	.9828	1.0381	8.8	4.0	-.018
183	153.2	31.89	31.92	5.15	4.03	.9106	.8398	14.0	7.1	.001
184	158.1	27.71	28.01	2.62	3.70	.7812	.8096	9.6	4.3	-.002
185	162.4	28.68	28.83	8.10	9.33	1.1142	1.1830	11.2	4.9	-.001
186	160.5	28.20	28.31	7.92	8.09	1.0939	1.0884	9.8	4.3	-.003
187	163.7	26.42	27.31	1.72	1.66	.7474	.7409	5.9	1.9	-.021
188	160.2	28.55	29.13	-.51	-.25	.6085	.6182	8.9	4.3	.005
189	164.2	26.81	28.07	-.03	-.38	.6431	.6104	8.3	3.4	.003
190	162.1	29.99	30.70	.61	.11	.6702	.6215	9.8	4.3	.016
191	160.4	31.62	31.91	1.81	1.99	.7152	.7100	12.9	6.3	.003
192	163.0	28.63	29.55	2.20	2.98	.7477	.7623	10.0	4.6	-.008
193	160.6	29.02	29.78	3.28	3.68	.8062	.7973	10.3	4.8	.012
194	161.0	29.50	30.14	2.81	2.86	.7765	.7562	10.0	4.8	-.013
195	153.9	30.20	30.73	3.76	4.29	.8355	.8389	9.8	4.3	.008
196	163.4	30.24	30.92	5.21	5.84	.9193	.9311	10.2	4.7	-.002
197	149.2	30.14	30.70	8.43	8.38	1.1700	1.1527	9.3	4.2	.011

Table 1. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change, measured by energy-budget station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dewpoint temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil-heat flux, in watts per square meter		Difference in soil temperature over time, in degrees Celsius
		0.7 meter	1.7 meters	0.7 meter	1.7 meters	0.7 meter	1.7 meters	Plate 1	Plate 2	
198	138.9	30.97	31.37	19.01	19.00	2.2376	2.2349	14.4	6.3	0.006
199	150.0	31.32	31.25	23.93	23.86	2.9812	2.9675	12.7	6.1	.014
200	152.0	28.66	28.70	25.11	25.05	3.2043	3.1917	11.3	5.3	-.018
201	143.2	27.88	17.91	14.51	14.23	1.7208	1.6793	5.6	2.0	-.009
202	158.9	29.10	29.44	11.33	11.63	1.3820	1.3808	8.8	3.7	-.000
203	167.8	31.02	31.24	8.84	8.16	1.1565	1.0868	11.6	5.1	.010
204	172.4	30.27	30.77	8.02	7.89	1.1011	1.0667	12.2	5.2	-.001
205	163.2	30.88	31.26	11.24	10.51	1.4437	1.3718	11.4	4.8	-.010
206	158.0	29.98	30.51	24.45	24.33	3.1463	3.1218	9.6	3.8	.011
207	153.5	28.53	29.49	25.44	25.38	3.4194	3.4030	8.9	3.5	-.009
208	163.6	30.21	30.81	26.90	26.81	3.7638	3.7411	10.8	4.3	.014
209	160.9	31.14	32.00	28.57	28.52	4.0603	4.0450	12.0	4.9	.003
210	140.5	32.34	32.67	18.95	19.43	2.5437	2.5882	11.5	5.0	.014
211	162.7	32.68	32.72	9.01	8.60	1.1681	1.1322	14.6	6.3	-.006
212	160.5	31.48	31.70	4.64	4.11	.8247	.8247	10.3	4.2	-.008
213	159.4	32.05	32.23	2.91	2.31	.7724	.7260	11.3	4.7	-.004
214	155.8	30.97	31.22	.10	-1.05	.6355	.5740	9.0	3.7	-.004
215	161.0	27.27	28.25	-2.15	-1.15	.5441	.5803	6.0	2.0	-.016
216	160.8	26.77	27.54	-3.39	-3.54	.5190	.4820	4.6	1.3	-.009
217	155.6	30.60	31.13	-.71	.29	.6171	.6366	9.0	2.9	.032
218	154.3	33.27	33.60	3.61	4.09	.8184	.8271	13.7	5.9	.009
219	149.6	32.35	32.85	5.18	5.53	.9107	.9098	13.2	5.4	.015
220	110.3	31.77	31.74	7.64	8.92	1.0660	1.1669	8.5	3.6	-.007
221	147.2	31.02	30.82	13.03	14.12	1.5191	1.6172	12.2	5.2	.010
222	140.9	30.30	30.54	14.63	15.10	1.6972	1.7286	9.3	3.9	-.019
223	160.4	31.45	31.78	15.29	15.08	1.7691	1.7521	10.9	4.3	.004
224	150.7	32.64	32.63	26.68	26.63	3.5335	3.5236	9.3	3.4	.019
225	149.3	30.79	30.94	28.22	28.22	3.8434	3.8412	11.0	4.1	-.015
226	161.5	29.45	29.97	26.38	26.37	3.5169	3.5121	7.6	2.6	-.004
227	159.7	29.89	30.81	16.42	15.89	2.1122	2.0411	6.7	2.4	-.004

Table 1. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change, measured by energy-budget station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dewpoint temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil-heat flux, in watts per square meter		Difference in soil temperature over time, in degrees Celsius
		0.7 meter	1.7 meters	0.7 meter	1.7 meters	0.7 meter	1.7 meters	Plate 1	Plate 2	
228	155.0	33.32	33.64	8.46	8.07	1.1312	1.0894	9.6	3.8	0.026
229	135.0	30.52	30.65	10.58	11.12	1.3055	1.3409	6.9	1.9	-.014
230	142.3	31.50	31.43	11.56	11.35	1.3683	1.3457	9.7	3.7	.009
231	151.4	30.73	30.96	11.21	11.32	1.3469	1.3457	8.0	2.9	-.016
232	151.8	30.63	30.91	10.01	9.55	1.2545	1.2081	6.3	2.1	-.006
233	147.1	30.25	30.32	2.57	1.25	.7570	.6878	3.7	.9	-.004
234	143.5	27.98	28.24	-.98	-2.11	.6063	.5553	.9	-.5	-.035
235	149.6	24.21	25.14	-5.64	-6.47	.4234	.3862	-2.4	-2.3	-.012
236	149.9	26.41	27.18	-3.80	-4.28	.4796	.4517	.4	-.9	.015
237	145.9	30.34	30.69	-1.37	-1.77	.5645	.5409	4.9	1.4	.003
238	136.9	30.03	30.11	2.58	3.01	.7712	.8133	8.0	2.9	.041
239	128.8	29.08	29.24	10.35	10.42	1.2992	1.3121	5.6	1.8	-.024
240	145.8	30.07	30.28	6.07	5.62	.9601	.9247	4.7	1.3	-.004
241	143.5	27.29	27.88	-1.16	-2.38	.5895	.5325	1.0	-.1	-.032
242	145.0	23.02	24.03	-3.99	-4.34	.4755	.4500	-4.0	-2.9	-.009
243	130.2	25.19	25.76	-2.88	-3.39	.5149	.4847	-1.7	-2.0	.014
244	141.0	26.95	27.35	-1.55	-1.58	.5641	.5538	.7	-.5	-.006
245	127.2	27.09	27.43	-2.58	-2.94	.5119	.4949	-.1	-1.0	.007
246	139.3	22.72	23.47	-2.72	-2.44	.5160	.5167	-3.0	-2.5	-.025
247	142.4	22.62	23.51	1.61	2.24	.7253	.7453	-1.3	-1.7	.007
248	143.2	25.28	25.88	6.82	7.45	1.0249	1.0506	2.8	.4	.020
249	137.2	28.33	28.72	7.70	7.34	1.0790	1.0397	4.1	1.3	.011
250	134.6	28.98	29.43	3.17	2.60	.7884	.7477	2.9	.8	-.011
251	132.5	29.24	29.45	.49	-.37	.6558	.6128	2.6	.5	.007
252	88.3	27.74	27.90	-1.13	-1.07	.5812	.5805	2.7	.2	.024
253	117.9	29.00	28.98	-2.07	-2.86	.5309	.5020	3.2	1.1	-.025
254	125.7	25.03	24.95	-3.36	-3.29	.4784	.4820	-1.7	-1.7	-.008
255	127.8	21.60	21.50	-1.73	-1.26	.5486	.5629	-5.2	-3.6	-.030
256	127.5	15.87	16.48	-1.82	-.96	.5547	.5785	-10.4	-6.5	-.036
257	127.2	18.19	18.80	-.87	-.81	.5952	.5842	-8.3	-5.3	.002

Table 1. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change, measured by energy-budget station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dewpoint temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil-heat flux, in watts per square meter		Difference in soil temperature over time, in degrees Celsius
		0.7 meter	1.7 meters	0.7 meter	1.7 meters	0.7 meter	1.7 meters	Plate 1	Plate 2	
258	128.8	20.38	21.22	-2.28	-2.67	0.5377	0.5101	-5.9	-3.9	0.006
259	106.7	20.51	21.37	-2.06	-1.94	.5563	.5467	-3.9	-3.2	.003
260	103.1	20.79	21.32	-1.95	-2.03	.5504	.5407	-3.5	-2.7	.004
261	97.9	21.28	21.95	.95	1.21	.6756	.6791	-1.9	-2.0	.002
262	87.2	21.24	21.51	4.81	5.57	.8907	.9314	-7.1	-4.7	-.001
263	119.1	23.34	23.29	6.92	7.03	1.0167	1.0116	-.4	-1.2	.016
264	123.8	22.34	23.06	3.76	3.85	.8192	.8137	-3.1	-2.2	-.016
265	117.5	21.35	22.07	1.90	1.73	.7258	.7015	-3.6	-2.6	-.002
266	120.4	21.66	22.24	.42	.19	.6522	.6296	-2.6	-2.1	.015
267	93.8	23.82	24.33	5.87	6.40	.9507	.9745	.8	-.9	-.004
268	120.3	20.53	21.43	2.59	2.52	.7678	.7461	-4.2	-2.9	-.015
269	111.8	20.56	21.17	.15	.21	.6407	.6399	-5.1	-3.4	.004
270	108.1	22.77	23.24	2.12	2.37	.7433	.7525	-1.3	-1.6	.021
271	68.7	24.72	25.11	7.28	7.81	1.0422	1.0701	1.8	-.4	.014
272	47.0	22.09	22.31	8.19	8.39	1.1306	1.1531	-5.4	-3.8	-.046
273	87.7	18.04	18.62	2.35	2.56	.7475	.7464	-9.4	-5.7	-.022
274	77.3	17.68	18.35	2.12	2.42	.7461	.7434	-7.8	-4.8	.014
275	66.1	20.58	21.01	2.59	2.32	.7596	.7302	-4.7	-3.1	.019
276	-.8	18.52	18.99	.27	.91	.6305	.6594	-9.3	-6.1	-.020
277	43.8	18.24	18.16	4.12	4.77	.8246	.8606	-4.6	-3.4	.004
278	65.2	13.97	14.50	8.18	8.33	1.2045	1.2110	-10.2	-6.1	-.051
279	72.0	13.47	13.98	15.27	15.27	2.0753	2.0747	-12.5	-7.6	.011
280	61.1	17.36	17.82	4.62	4.44	1.0078	1.0027	-9.4	-5.8	.009
281	56.1	18.13	18.79	-1.48	-1.52	.5668	.5532	-7.0	-4.2	-.018
282	63.9	15.13	15.93	-4.83	-4.46	.4366	.4454	-9.8	-5.6	.002
283	63.0	16.08	17.23	-5.37	-5.11	.4172	.4219	-8.6	-5.1	.001
284	52.4	18.14	18.93	-5.32	-4.84	.4166	.4290	-6.1	-3.7	-.007
285	53.9	19.18	19.50	-6.87	-6.66	.3687	.3743	-3.9	-2.6	.035
286	50.3	14.83	15.29	-3.01	-2.91	.5133	.5122	-10.9	-6.5	-.022
287	34.4	16.36	16.44	1.86	2.54	.7075	.7376	-5.4	-3.9	-.000

Table 1. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change, measured by energy-budget station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dewpoint temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil-heat flux, in watts per square meter		Difference in soil temperature over time, in degrees Celsius
		0.7 meter	1.7 meters	0.7 meter	1.7 meters	0.7 meter	1.7 meters	Plate 1	Plate 2	
288	50.1	12.48	12.46	-1.99	-1.96	0.5390	0.5381	-13.2	-8.1	-0.042
289	49.1	10.65	10.74	-4.55	-4.53	.4471	.4409	-15.4	-8.7	.007
290	54.7	9.39	9.92	-3.70	-3.70	.4846	.4778	-14.5	-8.1	-.022
291	55.6	10.27	11.00	-4.69	-4.69	.4493	.4404	-12.9	-7.3	-.001
292	52.6	10.66	11.58	-5.37	-5.37	.4354	.4200	-12.6	-7.1	-.002
293	50.0	10.93	11.62	-5.83	-5.64	.4172	.4131	-12.1	-6.8	.001
294	50.5	10.86	11.82	-6.39	-6.34	.4072	.3937	-12.0	-6.7	-.002
295	35.1	11.13	12.00	-6.36	-6.25	.4025	.3966	-10.8	-6.4	.001
296	46.5	13.16	13.87	-5.54	-5.63	.4249	.4123	-8.2	-4.9	.030
297	50.8	14.51	15.21	-3.18	-2.76	.4995	.5068	-5.8	-3.5	-.011
298	47.9	13.44	14.41	-3.45	-2.74	.5120	.5120	-7.9	-4.9	-.004
299	43.8	13.19	14.04	-3.35	-3.04	.5094	.5059	-8.2	-5.1	-.003
300	40.3	13.37	14.38	-3.57	-3.13	.5002	.5024	-7.9	-5.1	-.002
301	41.9	12.08	13.19	-4.27	-4.00	.4769	.4705	-9.9	-6.0	-.011
302	37.3	13.12	13.82	-4.58	-4.55	.4659	.4568	-10.0	-6.2	.012
303	27.3	12.72	13.67	-7.43	-8.15	.3685	.3431	-11.3	-6.6	-.036
304	35.9	9.48	10.51	-12.03	-12.74	.2884	.2661	-13.7	-7.9	-.002
305	22.2	14.30	14.49	-9.91	-9.90	.3151	.3120	-4.8	-3.8	.069
306	7.8	13.42	13.59	-3.48	-2.93	.4754	.4947	-6.3	-4.5	-.037
307	20.7	6.51	6.49	-7.22	-7.26	.3657	.3638	-17.9	-10.4	-.058
308	28.6	3.25	3.88	-12.22	-12.37	.2503	.2422	-19.5	-11.5	-.010
309	40.1	6.95	7.40	-11.65	-11.79	.2604	.2532	-13.0	-8.0	.014
310	30.4	10.98	11.56	-8.70	-8.46	.3293	.3291	-9.2	-6.0	.024
311	9.0	9.06	9.83	-9.94	-9.71	.2962	.2996	-11.4	-7.3	-.027
312	39.6	9.13	9.83	-5.19	-4.44	.4417	.4637	-9.2	-6.1	.021
313	29.0	11.57	11.84	-4.62	-4.00	.4436	.4639	-7.1	-5.1	.024
314	3.8	9.11	9.28	-3.30	-2.70	.4906	.5191	-9.9	-6.6	-.040
315	31.7	3.93	4.34	-2.99	-2.32	.5138	.5343	-16.6	-10.6	-.009
316	46.6	3.31	3.96	-3.80	-3.51	.4945	.5001	-16.7	-10.3	.002
317	10.8	6.25	6.27	-5.53	-6.26	.4134	.3883	-15.7	-9.6	-.018
318	15.1	3.75	4.25	-9.23	-9.41	.3161	.3058	-18.4	-10.8	-.033
319	27.0	3.45	4.05	1.68	2.25	1.0048	1.0124	-14.9	-9.5	.051
320	25.6	8.08	8.13	10.53	10.54	1.3289	1.3299	-7.4	-5.4	-.025

Table 2. Daily mean, maximum, and minimum air and dew-point temperatures and vapor pressure measured by energy-budget station at Rogers Spring Site 1, 1994

Calendar day	Air temperature at 0.7 meters, in degrees Celsius			Dew-point temperature at 0.7 meter, in degrees Celsius			Vapor pressure at 0.7 meter, in kilopascals		
	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
75	21.41	26.74	17.10	-6.75	1.10	-10.37	0.4043	1.1655	0.2785
76	18.05	24.68	9.83	-6.97	-2.52	-10.83	.3715	.5082	.2684
77	18.58	23.51	13.99	-3.16	.92	-9.07	.4939	.6528	.3082
78	14.63	18.97	8.62	.75	4.67	-2.97	.6556	.8520	.4910
79	11.87	20.31	5.39	.24	6.86	-6.91	.6547	.9917	.3646
80	14.10	22.17	2.01	-.08	6.04	-8.22	.6440	.9369	.3302
81	12.45	17.00	.93	-4.05	2.09	-14.98	.4839	.7102	.1919
82	9.23	16.48	-1.40	-9.64	-4.30	-16.26	.3081	.4461	.1726
83	11.86	17.70	7.42	-5.47	-.26	-9.23	.4168	.5996	.3061
84	8.82	14.92	4.34	-3.64	1.42	-7.09	.4779	.6769	.3594
85	11.28	20.68	-.54	-2.71	3.89	-8.72	.5273	.8064	.3168
86	14.00	24.45	3.56	-6.05	-.93	-12.94	.4058	.5711	.2267
87	14.63	24.91	.29	-6.67	-.23	-13.63	.3947	.6006	.2146
88	15.03	26.03	2.62	-6.10	.47	-12.71	.4109	.6323	.2310
89	17.22	27.11	7.08	-4.84	.69	-9.17	.4442	.6424	.3060
90	16.52	27.76	2.74	-5.15	2.18	-11.29	.4462	.7144	.2588
91	15.19	25.71	.60	-6.52	.03	-12.81	.3971	.6121	.2288
92	17.03	25.88	4.97	-6.08	-.07	-11.64	.4078	.6076	.2515
93	18.86	24.48	11.35	-2.94	1.34	-7.37	.5010	.6730	.3517
94	14.84	23.05	4.40	-5.75	.68	-12.34	.4181	.6414	.2377
95	12.99	21.56	3.24	-9.38	-3.79	-15.58	.3155	.4620	.1824
96	14.70	22.84	3.85	-7.10	-2.21	-14.05	.3751	.5197	.2071
97	14.90	22.71	2.31	-5.43	.45	-10.27	.4205	.6312	.2806
98	14.85	19.97	9.58	-4.19	.42	-7.71	.4572	.6299	.3446
99	11.50	17.85	5.46	-4.00	1.62	-8.35	.4687	.6865	.3262
100	13.84	21.39	5.83	-3.81	1.04	-8.32	.4736	.6585	.3269
101	14.26	24.23	2.79	-3.76	2.97	-10.08	.4918	.7561	.2849
102	15.54	26.44	3.79	-3.86	4.02	-10.06	.4968	.8142	.2854
103	17.36	28.59	2.92	-5.07	2.21	-12.44	.4513	.7165	.2363
104	18.62	29.56	4.96	-3.61	3.42	-11.50	.4996	.7803	.2548
105	20.76	29.81	9.95	-3.41	1.98	-9.25	.4936	.7043	.3041
106	20.17	31.95	7.26	-3.50	3.64	-9.71	.5019	.7928	.2935
107	22.15	32.98	11.99	-3.43	3.62	-8.80	.5025	.7914	.3146
108	21.11	33.20	10.01	-3.22	3.96	-9.10	.5135	.8107	.3085
109	21.05	33.78	8.22	-2.23	5.36	-9.21	.5571	.8939	.3050
110	22.30	34.57	9.28	-2.06	5.75	-8.37	.5628	.9185	.3254
111	23.89	31.05	16.35	-2.00	3.88	-6.25	.5492	.8062	.3840
112	16.12	21.88	11.98	-5.67	.34	-8.50	.4109	.6261	.3222
116	9.62	17.59	5.36	-3.26	-.56	-5.04	.4825	.5865	.4207
117	10.31	16.27	5.56	-2.51	2.19	-6.14	.5182	.7152	.4009
118	11.39	17.43	5.75	3.09	9.27	-1.89	.7848	1.1684	.5319
119	12.98	22.95	1.49	.73	7.52	-5.70	.6851	1.0376	.3996
120	16.41	23.43	8.65	.98	6.10	-3.49	.6756	.9412	.4721
121	16.17	26.13	6.96	.98	7.74	-4.90	.6919	1.0531	.4250
122	18.13	28.22	5.90	-.10	7.00	-6.00	.6414	1.0012	.3908
123	18.94	28.41	7.74	-1.12	4.39	-7.55	.5872	.8357	.3469
124	22.25	30.96	9.69	1.06	6.66	-6.49	.6901	.9780	.3764
125	23.28	29.78	17.49	.78	4.49	-4.88	.6589	.8414	.4255
126	16.88	22.69	11.64	-1.92	2.02	-6.07	.5410	.7064	.3886
127	14.58	20.18	7.86	-.14	4.45	-4.74	.6186	.8389	.4300
128	15.62	21.04	9.55	1.93	6.13	-1.99	.7121	.9428	.5279

Table 2. Daily mean, maximum, and minimum air and dew-point temperature and vapor pressure measured by energy-budget station at Rogers Spring Site 1, 1994—Continued

Calendar day	Air temperature at 0.7 meter, in degrees Celsius			Dew-point temperature at 0.7 meter, in degrees Celsius			Vapor pressure at 0.7 meter, in kilopascals		
	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
129	18.38	28.13	7.32	3.79	9.27	-1.88	0.8279	1.1684	0.5324
130	20.88	30.57	7.48	3.95	9.68	-3.95	.8471	1.2010	.4563
131	24.98	33.63	14.10	6.15	11.26	1.66	.9669	1.3346	.6886
132	24.16	32.87	11.13	5.84	10.46	-1.47	.9566	1.2651	.5486
133	23.18	33.10	11.12	7.44	13.91	.32	1.0807	1.5886	.6253
134	24.82	34.24	9.11	4.00	9.40	-2.53	.8423	1.1785	.5073
135	25.44	31.22	20.04	-.10	4.21	-5.45	.6211	.8251	.4075
136	18.06	24.04	8.31	-1.04	3.04	-7.12	.5790	.7596	.3585
137	14.89	21.10	8.40	-2.49	1.89	-6.80	.5218	.7001	.3675
138	14.10	20.54	7.49	-1.90	2.69	-6.34	.5452	.7410	.3808
139	13.78	22.21	6.25	-1.05	4.66	-7.42	.5916	.8517	.3503
140	14.41	25.44	2.01	-2.91	4.69	-11.67	.5390	.8532	.2546
141	17.16	29.57	2.22	-5.00	2.08	-11.83	.4537	.7095	.2478
142	19.43	31.49	5.33	-5.22	1.44	-12.67	.4448	.6808	.2314
143	21.08	33.10	7.75	-2.19	4.15	-9.95	.5551	.8225	.2876
144	23.28	33.69	9.14	.62	5.18	-6.92	.6660	.8839	.3641
145	24.97	32.78	15.86	6.10	10.96	1.04	.9633	1.3084	.6587
146	24.53	32.00	12.59	8.57	13.43	2.64	1.1453	1.5390	.7386
147	25.61	30.92	18.69	4.16	7.87	.09	.8322	1.0624	.6152
148	25.24	33.70	16.60	1.69	7.04	-6.75	.7220	1.0038	.3693
149	24.87	35.80	9.17	-2.42	4.48	-10.12	.5470	.8408	.2838
150	25.82	35.36	14.28	.40	4.22	-7.15	.6524	.8258	.3580
151	21.55	30.86	12.75	7.31	11.94	1.07	1.0544	1.3964	.6597
152	22.89	34.26	10.69	5.14	11.33	-.87	.9223	1.3403	.5733
153	25.73	36.95	10.14	3.17	9.88	-3.31	.8112	1.2176	.4793
154	25.91	34.83	10.92	-.30	6.40	-7.42	.6362	.9606	.3502
155	23.86	34.14	7.67	-3.75	2.48	-13.31	.4971	.7298	.2198
156	25.70	33.95	13.55	-.64	4.16	-7.15	.6032	.8222	.3579
157	23.58	31.17	17.47	1.67	7.09	-6.09	.7148	1.0071	.3880
158	20.77	31.70	7.09	-1.66	3.87	-7.92	.5668	.8058	.3371
159	23.57	34.47	12.93	-1.37	3.40	-7.44	.5754	.7790	.3497
160	23.93	37.90	8.18	-1.44	5.08	-8.94	.5874	1.0581	.3112
161	26.29	40.07	9.76	-1.18	4.84	-8.89	.5948	.8622	.3126
162	28.46	39.75	13.05	.88	7.47	-6.44	.6884	1.0338	.3779
163	30.19	38.19	20.99	2.15	7.15	-3.25	.7365	1.0118	.4810
164	29.90	36.55	21.38	1.83	6.60	-2.75	.7144	.9738	.4992
165	28.35	35.55	21.90	3.80	9.33	-2.06	.8309	1.1733	.5253
166	25.26	32.64	17.85	.37	5.23	-6.18	.6460	.8860	.3855
167	22.94	31.87	10.43	-2.85	2.53	-9.37	.5195	.7328	.3010
168	26.59	35.07	14.00	-2.61	2.64	-7.56	.5226	.7387	.3466
169	26.48	35.91	15.50	-2.42	3.76	-8.70	.5387	.7993	.3173
170	26.00	37.33	9.17	-2.13	4.68	-9.45	.5596	.8529	.2992
171	27.28	37.80	9.38	-.98	4.28	-10.10	.6034	.8288	.2841
172	29.95	38.07	19.89	4.77	9.47	-.90	.8776	1.1838	.5722
173	30.51	38.65	18.07	2.56	7.68	-3.66	.7626	1.0489	.4663
174	30.33	40.16	15.60	-.32	5.55	-7.39	.6243	.9056	.3516
175	28.68	41.05	9.84	.08	6.25	-9.36	.6588	.9510	.3013
176	32.42	41.29	16.22	1.50	5.84	-5.63	.7026	.9243	.4019
177	34.75	42.55	27.78	2.70	6.49	-1.01	.7548	.9667	.5672
178	32.86	41.66	22.09	5.85	10.02	-.22	.9509	1.2290	.6012

Table 2. Daily mean, maximum, and minimum air and dew-point temperature and vapor pressure measured by energy-budget station at Rogers Spring Site 1, 1994—Continued

Calendar day	Air temperature at 0.7 meter, in degrees Celsius			Dew-point temperature at 0.7 meter, in degrees Celsius			Vapor pressure at 0.7 meter, in kilopascals		
	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
179	29.96	43.10	16.22	5.46	12.09	0.88	0.9300	1.4433	0.6510
180	32.75	43.30	17.97	5.13	10.65	-.28	.9080	1.2812	.5987
181	32.74	43.41	17.86	4.18	8.79	-1.78	.8457	1.1308	.5361
182	32.65	38.63	24.79	6.47	10.35	1.66	.9828	1.2565	.6883
183	31.89	39.66	21.01	5.15	10.41	-1.74	.9106	1.2610	.5379
184	27.71	37.46	10.69	2.62	8.49	-7.17	.7812	1.1081	.3571
185	28.68	36.60	18.62	8.10	13.04	2.01	1.1142	1.5009	.7061
186	28.20	36.16	17.17	7.92	12.39	2.35	1.0939	1.4377	.7233
187	26.42	38.00	12.50	1.72	10.72	-8.98	.7474	1.2875	.3104
188	28.55	38.22	16.66	-.51	3.88	-8.33	.6085	.8062	.3264
189	26.81	40.51	11.44	-.03	5.91	-7.34	.6431	.9289	.3526
190	29.99	40.69	12.65	.61	6.81	-6.08	.6702	.9883	.3883
191	31.62	39.38	21.32	1.81	6.44	-3.69	.7152	.9637	.4652
192	28.63	39.14	14.15	2.20	7.70	-4.50	.7477	1.0504	.4376
193	29.02	40.72	12.32	3.28	8.29	-3.51	.8062	1.0934	.4715
194	29.50	40.23	17.74	2.81	8.24	-4.27	.7765	1.0899	.4454
195	30.20	40.06	14.25	3.76	9.91	-3.09	.8355	1.2193	.4875
196	30.24	39.26	18.18	5.21	10.58	-1.10	.9193	1.2756	.5635
197	30.14	38.81	17.25	8.43	15.45	-.95	1.1700	1.7541	.5698
198	30.97	39.28	22.45	19.01	22.33	13.76	2.2376	2.6961	1.5725
199	31.32	37.45	23.69	23.93	26.05	21.80	2.9812	3.3713	2.6102
200	28.66	36.49	20.54	25.11	27.91	21.13	3.2043	3.7596	2.5059
201	27.88	36.96	18.13	14.51	24.49	7.65	1.7208	3.0715	1.0467
202	29.10	37.66	17.59	11.33	16.49	5.90	1.3820	1.8743	.9279
203	31.02	38.82	21.74	8.84	13.30	4.77	1.1565	1.5267	.8579
204	30.27	39.27	16.47	8.02	12.75	3.53	1.1011	1.4725	.7866
205	30.88	39.50	21.61	11.24	24.12	3.53	1.4437	3.0061	.7867
206	29.98	40.53	14.63	24.45	29.61	15.18	3.1463	4.1489	1.7242
207	28.53	41.16	14.00	25.44	32.13	14.39	3.4194	4.7891	1.6397
208	30.21	41.62	13.96	26.90	33.63	14.27	3.7638	5.2114	1.6253
209	31.14	41.53	18.14	28.57	34.68	19.61	4.0603	5.5250	2.2817
210	32.34	40.03	20.99	18.95	32.89	7.99	2.5437	4.9986	1.0714
211	32.68	39.34	26.61	9.01	12.60	3.24	1.1681	1.4583	.7707
212	31.48	39.68	22.76	4.64	9.43	-.32	.8727	1.1809	.5967
213	32.05	39.98	21.71	2.91	7.46	-2.36	.7724	1.0334	.5139
214	30.97	40.19	18.42	.10	5.42	-4.93	.6355	.8977	.4237
215	27.27	40.53	11.39	-2.15	3.50	-7.54	.5441	.7851	.3472
216	26.77	40.37	9.91	-3.39	4.65	-10.83	.5190	.8510	.2681
217	30.60	41.84	13.66	-.71	5.20	-10.27	.6171	.8839	.2803
218	33.27	43.58	18.88	3.61	8.97	-3.87	.8184	1.1451	.4590
219	32.35	41.50	16.98	5.18	9.96	-1.76	.9107	1.2235	.5368
220	31.77	36.52	27.40	7.64	11.64	3.18	1.0660	1.3690	.7675
221	31.02	37.46	25.20	13.03	16.76	9.06	1.5191	1.9069	1.1520
222	30.30	38.30	21.76	14.63	19.26	9.33	1.6972	2.2319	1.1731
223	31.45	40.38	21.89	15.29	22.86	11.21	1.7691	2.7843	1.3298
224	32.64	39.18	25.53	26.68	29.66	22.96	3.5335	4.1616	2.8014
225	30.79	39.31	24.30	28.22	30.30	25.16	3.8434	4.3163	3.1965
226	29.45	40.03	18.91	26.38	31.59	19.85	3.5169	4.6461	2.3157
227	29.89	42.16	16.79	16.42	29.58	4.01	2.1122	4.1416	.8133
228	33.32	42.18	21.12	8.46	12.85	2.53	1.1312	1.4821	.7326

Table 2. Daily mean, maximum, and minimum air and dew-point temperature and vapor pressure measured by energy-budget station at Rogers Spring Site 1, 1994—Continued

Calendar day	Air temperature at 0.7 meter, in degrees Celsius			Dew-point temperature at 0.7 meter, in degrees Celsius			Vapor pressure at 0.7 meter, in kilopascals		
	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
229	30.52	37.60	22.45	10.58	14.93	4.41	1.3055	1.8074	0.8368
230	31.50	37.72	24.46	11.56	15.04	9.54	1.3683	1.7091	1.1897
231	30.73	38.28	20.38	11.21	14.97	7.80	1.3469	1.7010	1.0579
232	30.63	39.26	17.81	10.01	14.83	4.05	1.2545	1.6855	.8156
233	30.25	37.46	21.71	2.57	7.49	-3.91	.7570	1.0356	.4576
234	27.98	36.10	20.24	-.98	6.06	-10.24	.6063	1.0858	.2811
235	24.21	37.43	10.01	-5.64	1.43	-11.63	.4234	.6776	.2515
236	26.41	39.81	10.11	-3.80	1.82	-9.75	.4796	.6965	.2920
237	30.34	39.18	19.72	-1.37	2.75	-5.90	.5645	.7443	.3938
238	30.03	39.13	17.35	2.58	9.58	-4.82	.7712	1.1934	.4274
239	29.08	36.95	23.20	10.35	16.59	3.72	1.2992	1.8870	.7972
240	30.07	38.54	20.63	6.07	10.09	.54	.9601	1.2346	.6350
241	27.29	38.08	12.08	-1.16	4.59	-9.52	.5895	.9530	.2975
242	23.02	37.46	7.52	-3.99	2.49	-9.51	.4755	.7303	.2977
243	25.19	36.31	9.08	-2.88	3.84	-7.99	.5149	.8040	.3353
244	26.95	35.57	16.33	-1.55	4.35	-6.45	.5641	.8330	.3774
245	27.09	34.97	13.74	-2.58	1.27	-5.92	.5119	.6698	.3932
246	22.72	34.30	9.28	-2.72	2.25	-8.54	.5160	.7182	.3213
247	22.62	36.01	8.04	1.61	8.62	-5.69	.7253	1.1181	.4001
248	25.28	37.27	12.93	6.82	12.12	0	1.0249	1.4130	.6106
249	28.33	37.86	15.99	7.70	13.55	3.31	1.0790	1.5514	.7744
250	28.98	38.15	20.08	3.17	8.92	-2.58	.7884	1.1413	.5053
251	29.24	37.07	17.80	.49	6.30	-5.66	.6558	.9540	.4009
252	27.74	34.82	13.39	-1.13	2.05	-8.06	.5812	.7082	.3334
253	29.00	34.84	23.96	-2.07	1.02	-5.83	.5309	.6576	.3957
254	25.03	31.39	19.07	-3.36	-2.16	-5.24	.4784	.5215	.4141
255	21.60	27.01	16.04	-1.73	3.67	-4.65	.5486	.8928	.4330
256	15.87	25.80	5.68	-1.82	3.81	-7.22	.5547	.8021	.3559
257	18.19	29.92	8.48	-.87	4.95	-6.16	.5952	.8691	.3859
258	20.38	33.25	6.86	-2.28	3.39	-7.90	.5377	.7785	.3377
259	20.51	33.14	6.05	-2.06	3.46	-7.44	.5563	1.0909	.3499
260	20.79	33.97	8.41	-1.95	3.27	-8.02	.5504	.7719	.3343
261	21.28	34.49	9.75	.95	6.24	-4.61	.6756	.9501	.4342
262	21.24	30.07	12.28	4.81	10.87	-1.33	.8907	1.3007	.5543
263	23.34	32.18	14.35	6.92	11.82	3.58	1.0167	1.3850	.7895
264	22.34	33.58	12.84	3.76	8.81	-1.15	.8192	1.1341	.5618
265	21.35	34.74	8.00	1.90	7.90	-2.78	.7258	1.0646	.4979
266	21.66	35.18	7.42	.42	5.96	-5.54	.6522	.9319	.4047
267	23.82	32.50	14.66	5.87	11.95	1.05	.9507	1.3975	.6594
268	20.53	33.92	9.22	2.59	9.13	-2.83	.7678	1.1575	.4964
269	20.56	34.98	7.50	.15	5.57	-5.32	.6407	.9072	.4114
270	22.77	35.18	7.98	2.12	7.10	-5.58	.7433	1.0083	.4034
271	24.72	32.62	12.15	7.28	11.61	1.06	1.0422	1.3657	.6595
272	22.09	30.35	15.06	8.19	14.12	.94	1.1306	1.6100	.6539
273	18.04	28.00	8.03	2.35	8.17	-4.04	.7475	1.0849	.4532
274	17.68	29.52	5.90	2.12	8.31	-4.18	.7461	1.0950	.4485
275	20.58	31.39	7.64	2.59	8.28	-2.67	.7596	1.0930	.5020
276	18.52	22.97	9.89	.27	2.39	-3.65	.6305	.7258	.4669
277	18.24	21.53	15.31	4.12	6.85	1.49	.8246	.9909	.6802
278	13.97	21.06	3.78	8.18	26.90	2.91	1.2045	3.5453	.7528

Table 2. Daily mean, maximum, and minimum air and dew-point temperature and vapor pressure measured by energy-budget station at Rogers Spring Site 1, 1994—Continued

Calendar day	Air temperature at 0.7 meter, in degrees Celsius			Dew-point temperature at 0.7 meter, in degrees Celsius			Vapor pressure at 0.7 meter, in kilopascals		
	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
279	13.47	24.08	0.71	15.27	30.07	1.44	2.0753	4.2596	0.6779
280	17.36	27.41	5.36	4.62	24.18	-4.81	1.0078	3.0195	.4278
281	18.13	28.22	6.61	-1.48	3.43	-7.61	.5668	.7810	.3453
282	15.13	29.48	2.23	-4.83	-1.39	-9.37	.4366	.5525	.3014
283	16.08	29.36	3.36	-5.37	-1.96	-9.33	.4172	.5290	.3018
284	18.14	28.51	5.32	-5.32	-2.78	-10.15	.4166	.4978	.2829
285	19.18	27.66	4.59	-6.87	-3.45	-9.16	.3687	.4738	.3062
286	14.83	22.96	3.94	-3.01	2.91	-9.05	.5133	.7527	.3085
287	16.36	21.61	11.20	1.86	5.70	-1.08	.7075	.9156	.5647
288	12.48	17.80	5.07	-1.99	1.44	-7.75	.5390	.6776	.3415
289	10.65	19.00	1.60	-4.55	-.07	-9.35	.4471	.6076	.3018
290	9.39	19.79	-.19	-3.89	3.06	-10.47	.4846	.7608	.2759
291	10.27	22.24	-.64	-4.78	1.88	-9.53	.4493	.6993	.2974
292	10.66	23.65	.09	-5.31	1.73	-10.53	.4354	.6919	.2747
293	10.93	24.20	-.06	-5.83	.82	-11.37	.4172	.6483	.2569
294	10.86	25.82	-2.36	-6.39	1.26	-12.18	.4072	.6690	.2407
295	11.13	24.87	-.56	-6.36	.22	-11.93	.4025	.6208	.2457
296	13.16	25.30	-1.01	-5.54	.32	-12.49	.4249	.6250	.2348
297	14.51	25.90	4.43	-3.18	1.96	-8.82	.4995	.7032	.3142
298	13.44	26.77	3.13	-3.45	3.39	-8.36	.5120	.9288	.3257
299	13.19	26.71	1.95	-3.35	4.31	-9.60	.5094	.8306	.2955
300	13.37	26.45	3.00	-3.57	4.25	-9.71	.5002	.8276	.2930
301	12.08	25.84	2.00	-4.27	3.54	-10.11	.4769	.7871	.2840
302	13.12	25.32	.98	-4.58	2.86	-10.73	.4659	.7499	.2702
303	12.72	22.55	2.07	-7.43	-1.45	-15.64	.3685	.5494	.1814
304	9.48	24.20	-2.79	-12.03	2.76	-17.64	.2884	1.0301	.1535
305	14.30	25.43	-.60	-9.91	-3.73	-18.86	.3151	.4639	.1383
306	13.42	17.93	7.28	-3.48	-.93	-6.41	.4754	.5711	.3788
307	6.51	11.54	.90	-7.22	-3.70	-13.12	.3657	.4649	.2232
308	3.25	12.04	-3.55	-12.22	-6.36	-16.47	.2503	.3800	.1692
309	6.95	17.47	-2.62	-11.65	-6.62	-16.06	.2604	.3728	.1751
310	10.98	22.07	-.81	-8.70	-3.55	-14.25	.3293	.4700	.2034
311	9.06	18.44	.34	-9.94	-4.86	-15.07	.2962	.4260	.1902
312	9.13	18.07	1.65	-5.19	1.65	-12.86	.4417	.6882	.2279
313	11.57	19.42	1.06	-4.62	-.49	-8.09	.4436	.5912	.3328
314	9.11	14.05	.98	-3.30	1.70	-6.24	.4906	.7128	.3915
315	3.93	11.98	-6.35	-2.99	3.72	-10.55	.5138	.7971	.2743
316	3.31	13.25	-6.59	-3.80	4.13	-10.47	.4945	.8204	.2760
317	6.25	12.15	1.96	-5.53	-1.25	-9.85	.4134	.5576	.2899
318	3.75	12.36	-6.58	-9.23	-3.98	-16.23	.3161	.4553	.1727
319	3.45	14.07	-11.59	1.68	18.38	-19.29	1.0048	2.1133	.1334
320	8.08	13.06	-2.80	10.53	18.07	-.05	1.3289	2.0716	.6102

Table 3. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 1, 1994

[--, no data available]

Calendar day	Net radiation, in watts per square meter		Air temperature at 0.7 meter, in degrees Celsius			Relative humidity at 0.7 meter, in percent			Windspeed at 0.7 meter, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
1	2.0	134.7	4.05	13.93	-2.54	53.5	72.6	25.7	0.74	1.21	0.39
2	10.9	189.0	5.75	18.36	-4.28	50.7	80.9	19.9	.90	1.59	.35
3	14.1	185.6	5.53	18.59	-4.20	49.4	76.6	18.3	.77	1.09	.33
4	15.1	166.0	7.54	16.71	.06	46.5	71.0	21.0	.66	1.22	.34
5	3.1	182.5	10.12	20.30	-.10	35.8	73.9	15.7	1.73	3.62	.46
6	-6.1	189.6	6.72	13.82	.76	32.8	50.4	17.7	1.83	3.13	1.01
7	6.7	165.9	3.04	11.95	-5.78	45.9	74.9	19.6	.80	1.45	.34
8	8.0	191.2	.89	13.09	-6.89	49.4	76.1	17.3	.80	1.42	.32
9	-1.0	146.6	3.02	15.35	-7.06	47.6	68.6	24.6	1.09	2.58	.49
10	6.7	204.5	6.58	15.42	-4.32	46.3	76.6	23.0	1.58	3.41	.52
11	5.1	189.0	4.97	15.98	-6.47	48.4	81.0	20.8	1.07	2.94	.29
12	6.5	196.6	8.99	18.76	.61	37.3	62.5	16.6	1.40	2.76	.61
13	13.4	190.7	10.46	21.78	-1.09	41.9	65.2	22.6	1.57	3.28	.57
14	5.4	172.7	12.01	20.81	4.64	44.0	63.4	23.4	1.56	2.46	.40
15	16.6	211.3	8.26	20.39	.56	52.6	81.4	23.1	.79	1.36	.36
16	9.0	203.7	8.30	21.99	-2.15	40.7	74.1	12.4	1.27	2.25	.60
17	13.4	207.1	10.14	22.44	1.98	32.0	56.5	13.7	1.33	2.82	.59
18	10.6	203.5	10.76	24.86	-.71	32.8	63.3	9.0	1.13	2.05	.54
19	13.0	201.9	7.12	22.26	-2.88	36.7	68.2	11.1	.88	1.35	.33
20	14.2	207.4	6.72	21.72	-3.61	37.5	64.6	12.1	.87	1.19	.39
21	20.8	216.0	7.65	21.81	-3.35	37.0	61.6	12.2	.71	1.03	.45
22	15.0	207.7	8.06	21.54	.17	37.2	57.8	12.7	.72	1.30	.33
23	-9.4	79.0	9.65	17.75	-1.82	45.3	67.1	22.1	2.11	4.87	.31
24	13.8	223.6	11.95	18.51	2.43	50.1	85.2	22.3	2.56	4.33	.37
25	18.4	281.6	6.01	10.21	-.12	80.2	94.3	48.0	1.97	3.33	.41
26	49.3	294.4	3.83	14.41	-3.58	70.0	95.2	27.9	1.31	4.01	.36
27	29.1	231.6	5.79	12.92	-.68	54.3	84.4	27.8	1.47	2.59	.40
28	18.1	253.1	6.76	14.35	.87	48.0	65.1	28.6	2.00	3.21	.96
29	17.7	255.9	7.79	16.44	1.98	40.2	59.4	20.4	2.28	4.01	.45
30	20.1	297.3	7.85	17.28	-2.76	37.7	72.3	20.3	2.35	4.55	.72
31	10.4	262.4	4.40	10.01	.81	29.4	40.5	16.0	2.40	4.05	.85
32	-.5	177.8	3.07	10.37	-1.67	30.7	47.3	14.0	1.39	3.05	.46
33	27.8	238.9	2.86	12.20	-9.07	39.9	80.1	11.6	.75	1.36	.21
34	25.0	224.2	6.25	14.48	-3.82	39.7	91.5	12.4	1.01	2.54	.27
35	25.8	183.8	5.18	8.54	.88	86.6	95.2	70.9	.89	2.17	.21

Table 3. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 0.7 meter, in degrees Celsius			Relative humidity at 0.7 meter, in percent			Windspeed at 0.7 meter, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
36	42.1	273.8	6.01	11.90	-1.10	77.1	96.2	47.9	0.67	1.46	0.24
37	37.5	249.2	9.29	14.62	4.89	67.9	91.1	44.3	1.01	2.37	.24
38	29.2	191.2	10.01	12.92	7.63	79.8	91.5	57.6	2.61	5.08	.57
39	38.3	341.7	9.78	15.16	4.98	67.3	87.7	43.1	2.50	4.77	.47
40	42.8	344.0	7.42	16.16	.16	54.9	87.0	18.9	1.45	2.72	.47
41	46.7	345.2	9.47	18.94	-1.25	51.5	91.5	18.3	2.51	4.76	.41
42	33.6	328.3	7.63	11.90	.54	34.7	58.1	20.5	3.88	6.61	1.17
43	30.6	330.6	4.35	13.40	-3.62	34.5	68.4	14.0	1.77	3.56	.42
44	33.4	281.2	2.70	14.68	-8.58	51.3	88.5	15.0	.88	2.12	.32
45	44.0	333.9	5.70	18.34	-3.81	46.8	81.0	9.6	.81	1.30	.33
46	23.2	295.3	4.94	16.97	-6.23	49.3	83.8	16.2	.70	1.29	.29
47	30.0	218.8	10.20	18.09	1.69	40.7	70.1	18.5	1.09	2.25	.37
48	12.6	229.9	11.53	14.83	6.74	49.2	77.7	28.7	3.69	6.33	.80
49	39.3	396.7	8.29	13.96	4.56	43.1	60.0	21.9	3.16	4.37	1.61
50	59.5	386.3	6.76	12.79	-.88	51.4	83.2	31.6	1.82	3.06	.62
51	27.6	283.4	7.82	11.30	.27	54.9	85.4	43.4	2.65	5.21	.26
52	56.0	366.4	4.93	14.04	-3.38	65.3	92.8	32.3	.94	2.01	.29
53	59.8	356.8	5.63	15.00	-4.72	51.0	91.3	21.8	1.99	4.80	.35
54	43.8	325.9	5.83	15.27	-3.24	40.5	64.6	19.3	1.02	1.64	.29
55	52.4	329.4	6.97	19.80	-4.15	45.3	77.8	15.1	.81	1.23	.33
56	52.4	328.8	9.85	22.79	-2.29	40.0	73.3	13.0	1.07	2.70	.50
57	34.7	293.8	14.87	22.25	6.86	30.3	43.4	21.9	1.97	4.63	.52
58	47.5	315.0	12.82	21.92	.44	44.2	82.2	24.3	1.35	2.72	.32
59	38.4	317.5	14.12	21.75	3.58	30.8	60.0	14.6	1.97	3.06	.59
60	44.1	311.4	14.80	24.05	4.45	34.2	64.3	16.6	1.84	3.58	.36
61	54.1	318.5	12.89	26.30	.73	44.1	78.5	15.7	.84	1.82	.42
62	54.8	321.0	13.50	26.85	2.48	40.7	67.4	14.2	.95	1.67	.27
63	52.8	312.9	14.07	26.65	2.09	38.5	69.9	14.0	.96	1.81	.31
64	30.2	275.6	14.80	22.73	3.55	38.7	67.5	22.1	1.64	3.38	.35
65	30.8	329.7	15.88	23.57	8.90	44.3	64.1	25.0	1.63	4.94	.46
66	42.7	348.8	16.00	24.33	8.58	42.8	62.3	19.6	1.75	2.84	.35
67	51.5	320.9	13.33	24.81	2.31	38.1	77.8	9.8	1.26	2.51	.58
68	51.2	305.2	12.39	24.61	.81	34.3	67.5	8.7	.93	1.57	.30
69	42.7	289.8	16.52	25.32	5.14	27.3	49.2	11.4	2.19	4.65	.47
70	12.6	200.3	14.21	19.43	7.55	36.0	53.5	23.2	2.30	3.98	.59

Table 3. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 0.7 meter, in degrees Celsius			Relative humidity at 0.7 meter, in percent			Windspeed at 0.7 meter, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
71	53.3	337.4	16.79	24.32	9.44	25.8	39.7	13.9	3.07	5.01	1.62
72	50.4	329.5	17.02	27.30	5.87	20.7	38.8	6.0	1.86	3.24	.44
73	60.0	325.1	15.46	29.39	1.13	28.0	60.4	8.7	.95	1.54	.42
74	53.3	311.0	18.37	30.43	4.12	23.6	53.1	7.7	1.65	3.91	.35
75	44.6	334.2	22.82	28.06	18.55	12.5	19.2	7.2	4.01	5.63	1.98
76	56.9	320.2	19.70	26.29	10.88	19.7	47.7	9.1	1.47	3.50	.24
77	64.9	356.4	20.07	25.02	15.33	27.9	50.2	15.9	4.19	6.56	1.02
78	41.8	337.3	16.18	20.56	10.33	50.4	74.1	39.6	3.79	6.43	.70
79	74.5	354.1	13.68	22.12	6.99	54.0	91.1	22.8	1.04	2.02	.24
80	68.1	361.3	15.76	23.75	3.59	43.9	70.5	28.0	2.45	4.56	.46
81	58.7	363.9	14.03	18.62	2.86	29.7	49.1	12.1	4.51	8.53	.66
82	66.6	352.5	10.79	18.01	.11	22.8	51.6	10.0	1.57	2.57	.45
83	50.9	309.0	13.40	19.25	8.85	36.3	51.9	19.0	1.96	4.76	.64
84	99.2	528.2	10.34	16.40	5.86	57.6	90.7	25.0	2.18	4.12	.63
85	92.2	463.8	12.89	22.12	1.39	44.9	85.7	17.4	1.59	3.35	.45
86	78.0	406.7	15.57	25.73	5.23	24.8	52.5	7.3	1.69	3.32	.57
87	71.8	397.2	16.26	26.46	1.87	27.0	62.2	11.3	1.80	4.03	.47
88	80.3	377.2	16.66	27.47	4.41	28.4	59.3	10.1	1.04	1.99	.35
89	80.0	388.2	18.77	28.56	8.45	25.9	51.7	9.9	1.18	2.07	.44
90	84.6	407.5	18.12	28.99	4.84	27.5	60.4	10.5	1.85	4.36	.32
91	84.4	403.9	16.72	26.94	1.99	29.7	75.3	9.7	1.96	4.85	.28
92	73.3	373.4	18.56	27.38	6.21	24.1	56.0	10.1	1.17	2.44	.32
93	44.2	337.5	20.32	25.79	12.99	26.3	47.6	16.2	3.20	5.75	.84
94	77.3	402.6	16.22	24.20	5.85	26.7	64.1	5.9	2.56	4.84	.63
95	79.5	386.9	14.47	23.02	4.87	21.9	35.8	9.2	1.25	2.44	.39
96	53.1	390.9	16.11	24.22	4.96	25.4	49.1	13.9	1.72	3.42	.44
97	83.9	396.1	16.38	24.11	4.05	30.9	68.6	12.8	1.25	1.80	.43
98	59.7	382.3	16.21	21.51	10.91	33.5	49.2	22.0	2.48	4.21	.95
99	62.7	398.2	12.95	19.34	6.96	42.6	60.2	26.6	1.57	2.92	.56
100	78.7	422.7	15.18	22.66	7.29	30.7	53.1	13.1	3.17	4.90	1.66
101	88.9	401.0	15.81	25.58	4.45	35.1	61.8	17.1	1.32	2.87	.36
102	83.0	368.1	17.13	27.94	5.30	30.8	58.5	12.5	1.03	2.06	.39
103	88.4	400.3	18.92	29.80	4.30	24.1	58.0	9.3	1.36	2.50	.36
104	74.2	356.4	20.14	30.73	6.57	29.5	69.5	10.3	1.48	3.61	.27
105	84.6	391.2	22.29	31.10	11.42	22.1	51.8	10.3	1.74	3.65	.35

Table 3. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 0.7 meter, in degrees Celsius			Relative humidity at 0.7 meter, in percent			Windspeed at 0.7 meter, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
106	75.0	346.4	21.79	33.32	8.77	25.7	46.8	8.6	1.06	2.28	0.26
107	75.2	362.0	23.65	34.25	13.29	20.5	38.7	8.4	1.55	3.86	.46
108	88.5	403.8	22.62	34.42	11.76	25.3	45.9	9.1	1.12	2.56	.47
109	96.4	398.0	22.70	35.10	9.73	27.4	50.5	10.7	1.09	2.40	.21
110	99.7	407.0	23.83	35.75	10.89	24.8	52.6	8.1	1.50	3.90	.42
111	90.9	422.9	25.27	32.26	17.91	18.2	28.2	7.1	3.34	5.90	.90
112	86.7	406.1	21.72	27.91	13.52	20.9	40.2	11.7	3.06	5.35	.84
113	75.0	377.2	18.62	24.16	12.04	25.2	44.2	11.4	5.88	7.68	4.13
114	72.2	381.4	11.63	17.14	5.01	43.2	75.2	24.8	2.93	5.81	.21
115	73.1	415.0	12.75	20.00	6.39	40.4	59.1	19.2	3.35	5.46	1.17
116	72.9	428.9	10.63	19.21	3.72	57.0	90.5	22.8	1.34	3.47	.21
117	92.3	512.3	11.60	17.67	6.93	74.3	96.4	43.7	1.23	2.43	.36
118	109.9	535.0	12.86	18.84	7.08	64.7	95.3	33.2	1.16	3.46	.21
119	132.3	503.3	14.64	24.30	3.04	49.0	93.3	16.4	1.04	2.43	.28
120	82.4	408.2	17.99	24.85	10.32	39.3	72.8	22.8	1.71	3.95	.38
121	105.5	434.1	17.85	27.68	8.46	41.5	71.9	16.7	1.10	2.46	.34
122	101.4	395.5	19.70	29.38	7.52	33.5	73.5	13.3	1.39	3.30	.29
123	91.9	417.4	20.55	29.83	9.09	29.7	63.1	12.9	1.29	2.14	.41
124	112.5	438.6	23.72	32.20	11.27	27.4	49.5	14.6	2.42	5.09	.52
125	92.1	415.5	24.67	30.97	18.86	20.8	33.7	11.4	3.32	4.50	.87
126	114.3	446.1	18.23	24.04	13.04	34.0	53.5	19.0	3.53	5.49	1.58
127	88.9	419.9	15.96	21.62	9.20	42.6	65.4	25.4	2.15	3.30	.91
128	72.1	353.5	17.05	22.58	11.18	47.1	74.2	27.8	2.02	3.22	.22
129	72.0	341.6	19.85	29.53	8.64	41.4	77.6	17.5	1.53	3.83	.63
130	107.1	434.8	22.47	31.88	8.85	37.1	72.6	18.1	1.22	2.00	.35
131	106.3	429.2	26.60	35.12	15.53	32.6	62.1	16.1	1.58	3.48	.64
132	116.4	426.1	25.67	34.09	12.66	35.9	66.3	20.5	2.03	3.89	.43
133	119.8	431.2	24.80	34.41	12.54	41.9	86.0	18.4	1.07	2.13	.39
134	112.4	431.5	26.27	35.51	10.76	28.7	70.7	12.3	2.25	4.83	.30
135	102.3	462.9	26.76	32.39	21.37	16.5	26.0	6.5	5.62	7.51	2.44
136	115.7	466.7	19.40	25.27	9.57	32.4	59.9	13.1	4.79	7.04	.63
137	105.2	461.5	16.22	22.24	9.98	33.1	50.9	21.0	3.41	4.69	1.35
138	119.0	460.0	15.41	21.75	9.00	38.6	58.2	20.4	3.08	4.61	1.15
139	109.2	421.5	15.29	23.62	7.79	43.5	70.0	19.5	1.48	2.64	.31
140	111.9	423.6	16.06	26.75	3.52	37.6	74.3	11.0	0.96	2.07	.20

Table 3. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 0.7 meter, in degrees Celsius			Relative humidity at 0.7 meter, in percent			Windspeed at 0.7 meter, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
141	111.5	422.1	18.73	30.56	3.80	23.1	51.0	6.5	1.35	3.18	0.37
142	112.6	424.1	20.96	32.56	6.97	21.7	44.3	7.5	1.46	3.24	.46
143	116.3	429.3	22.72	34.39	9.22	29.0	57.3	9.2	1.11	2.43	.40
161	125.8	427.4	27.88	41.05	11.30	19.6	43.3	5.0	1.12	2.27	.38
162	125.8	438.0	29.98	40.74	14.65	19.5	52.8	7.8	1.62	3.28	.41
163	123.7	452.9	31.68	39.24	23.14	16.9	36.3	9.0	2.05	3.81	.49
164	112.7	468.6	31.27	37.61	23.01	16.2	33.1	5.7	3.15	4.87	.58
165	125.1	455.4	29.75	36.74	23.49	22.0	35.3	13.4	3.73	5.02	2.20
166	123.2	465.9	26.61	33.68	19.59	19.1	36.0	7.7	3.90	5.73	1.29
167	123.3	456.2	24.35	32.93	12.37	19.4	45.1	6.4	2.22	4.19	.44
168	127.1	465.1	27.95	35.99	15.49	14.0	37.1	4.5	2.73	4.97	.92
169	130.2	464.8	27.98	36.90	17.66	16.3	31.0	6.4	2.08	4.34	.45
170	130.7	448.0	27.55	38.24	11.17	18.3	53.7	5.3	1.61	3.90	.42
171	130.7	457.5	28.67	38.70	10.92	19.8	56.4	6.6	1.97	3.60	.40
172	127.3	449.1	31.47	39.14	21.88	20.7	45.1	7.4	1.87	3.00	.81
173	128.0	458.7	31.96	39.75	20.00	14.0	32.9	8.5	2.15	3.94	.66
174	124.5	454.5	31.84	41.12	18.74	11.6	39.5	3.5	2.04	3.69	.42
175	128.5	435.6	30.25	42.01	11.68	19.4	62.2	5.5	1.37	2.91	.28
176	125.9	458.2	33.87	42.33	17.49	11.4	35.9	4.5	2.91	4.54	.67
177	121.8	451.7	36.16	43.69	29.40	9.3	15.1	5.4	3.39	5.59	1.70
178	113.0	438.4	34.65	43.32	24.13	18.0	36.5	8.8	1.56	3.77	.41
188	129.3	446.5	30.16	39.61	18.47	17.2	57.3	5.5	1.61	4.63	.24
189	130.6	437.9	28.67	41.91	13.65	21.7	45.7	4.5	.84	1.62	.32
190	133.0	459.1	31.55	41.78	14.76	15.9	52.2	4.8	1.81	3.61	.42
191	133.6	466.2	33.13	40.54	22.40	13.5	26.3	6.4	2.56	4.31	.64
192	132.5	443.3	30.35	40.32	15.49	19.3	48.6	6.8	1.37	2.56	.47
193	130.4	436.1	30.65	42.07	14.10	21.9	59.0	6.7	1.29	2.59	.41
194	132.0	445.7	31.16	41.47	19.61	16.9	36.6	4.1	1.66	3.67	.38
195	127.6	467.9	31.81	41.44	17.05	17.2	51.1	5.7	1.86	4.22	.34
196	135.8	457.7	31.85	40.60	19.78	17.6	35.9	7.6	1.97	3.71	.48
197	124.2	461.1	31.80	40.35	18.28	14.8	37.0	3.4	1.98	3.46	.49
198	113.3	454.8	32.80	40.84	24.08	21.5	44.9	10.5	1.34	2.61	.35
199	126.3	429.4	32.93	38.88	25.18	24.0	38.2	15.1	2.96	7.77	.53
200	125.6	430.8	30.39	38.03	21.88	36.3	70.3	17.8	1.95	4.97	.25
201	135.5	460.9	29.52	38.39	19.65	43.0	83.3	18.5	1.57	2.97	.67

Table 3. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 0.7 meter, in degrees Celsius			Relative humidity at 0.7 meter, in percent			Windspeed at 0.7 meter, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
202	144.2	484.4	30.77	38.83	19.52	34.0	66.2	18.1	1.61	3.85	0.48
203	152.7	510.3	32.54	40.07	23.62	22.3	39.1	11.2	1.92	3.60	.68
204	156.0	509.6	31.93	40.38	19.16	23.3	55.3	11.0	1.71	4.10	.26
205	148.1	505.7	32.47	40.66	23.29	17.7	38.4	8.2	1.78	3.14	.65
206	142.2	493.1	31.75	42.08	16.77	14.6	40.5	3.9	1.43	2.67	.56
207	137.5	494.2	30.43	42.81	15.86	20.3	48.8	5.8	1.25	3.00	.42
208	147.5	492.0	31.98	43.09	15.42	19.9	59.1	6.0	1.50	3.48	.42
209	145.0	498.2	32.97	43.04	20.47	20.0	43.6	8.8	1.51	3.77	.27
210	128.9	487.1	33.96	41.25	23.03	24.3	41.2	14.7	2.11	3.82	.47
211	149.9	511.1	34.15	40.46	28.06	21.7	36.9	13.3	2.47	4.27	.92
212	148.2	516.5	32.95	40.74	24.35	17.4	30.6	8.5	2.14	3.99	.82
213	147.8	517.2	33.51	41.06	23.01	14.1	29.2	7.5	2.34	4.01	.71
214	143.3	512.6	32.39	41.05	19.98	11.8	28.5	3.7	1.83	3.33	.64
215	145.7	491.5	28.85	41.38	13.30	18.6	51.2	3.5	1.38	3.91	.39
216	146.6	502.5	28.30	41.27	11.29	15.8	49.9	3.3	1.49	3.49	.43
217	144.5	520.9	32.00	42.99	15.39	14.6	35.8	5.4	2.16	4.72	.44
218	140.9	487.0	34.88	44.74	19.78	15.5	39.3	7.7	1.56	2.78	.43
219	137.7	495.2	33.96	43.03	18.11	19.6	51.4	8.5	2.15	4.71	.38
220	103.7	445.9	33.25	37.80	29.29	22.0	33.7	15.6	3.74	5.90	1.76
221	135.9	513.4	32.52	38.77	27.01	32.4	42.7	20.8	3.08	4.08	1.91
222	128.0	499.5	32.02	39.63	23.54	35.8	64.8	17.8	1.51	2.76	.53
223	146.1	497.5	33.18	41.87	24.11	29.7	49.0	15.2	1.43	2.52	.29
224	140.2	519.4	34.25	40.51	27.73	26.6	44.2	17.2	2.59	4.85	.64
225	135.1	492.3	32.53	40.90	26.38	34.0	45.9	19.1	1.62	3.10	.50
226	146.4	489.6	31.34	41.65	20.57	36.5	66.5	14.8	.88	1.80	.22
227	145.0	485.7	31.74	43.57	18.75	31.4	63.3	9.6	.84	1.60	.21
228	140.3	488.5	34.87	43.42	21.82	21.1	42.8	9.6	2.21	4.23	.40
229	108.9	484.1	32.06	38.84	23.84	29.0	38.9	18.4	2.84	6.23	.62
230	128.2	472.7	32.98	39.09	25.77	28.7	48.8	16.2	2.21	3.60	.47
231	134.2	455.2	32.30	39.58	21.99	30.6	56.8	17.6	1.85	3.69	.48
232	137.5	476.3	32.17	40.45	19.74	28.0	63.4	13.7	1.93	4.05	.47
233	121.0	468.4	31.67	38.56	23.75	13.5	27.5	3.5	3.35	5.28	1.17
234	130.5	492.7	29.38	37.00	22.20	12.8	26.5	3.3	2.50	3.89	.76
235	136.7	486.8	25.77	38.24	11.40	14.4	31.5	3.2	1.53	3.53	.40
236	135.3	473.6	27.81	40.54	11.66	15.5	43.5	3.3	1.63	3.57	.47

Table 3. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 0.7 meter, in degrees Celsius			Relative humidity at 0.7 meter, in percent			Windspeed at 0.7 meter, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
237	128.5	469.3	31.86	40.22	21.06	10.2	23.3	4.9	2.46	4.92	0.46
238	126.4	489.1	31.48	40.12	19.29	18.0	35.5	5.0	2.50	4.60	.49
239	118.5	479.1	30.68	38.13	24.70	31.9	63.1	12.2	1.90	3.44	.79
240	131.7	479.4	31.65	39.71	21.94	18.9	34.4	11.5	2.04	4.00	.67
241	131.2	478.0	28.87	38.92	14.30	14.8	39.1	3.2	1.72	3.19	.41
242	131.1	479.8	24.57	38.34	9.12	20.7	53.3	3.4	1.36	3.53	.36
243	115.6	459.1	26.72	37.58	10.62	16.4	51.4	4.2	1.91	4.11	.36
244	122.9	462.4	28.38	36.68	16.88	14.7	31.9	6.0	2.52	4.37	.61
245	106.7	448.2	28.53	36.09	16.05	12.6	33.1	3.3	3.22	5.21	.56
246	128.5	475.3	24.41	35.44	11.23	19.6	40.7	6.2	1.43	2.93	.49
247	131.4	466.9	24.36	37.25	9.64	28.7	54.9	12.2	1.06	2.61	.30
248	131.5	466.8	26.90	38.61	14.34	34.4	61.9	14.7	1.06	2.67	.31
249	128.2	470.8	29.94	39.06	17.33	27.9	60.0	10.8	1.48	3.17	.40
250	124.0	466.0	30.56	39.24	21.48	18.2	34.5	6.2	1.81	3.49	.48
251	113.2	438.4	30.71	38.16	19.21	13.5	33.5	3.8	2.85	5.28	.62
252	81.3	418.2	29.18	36.22	16.05	14.0	37.4	5.9	2.37	4.79	.34
253	82.4	409.7	30.37	35.90	25.47	9.8	16.1	3.3	5.04	6.47	3.09
254	99.0	409.9	26.43	32.56	20.66	13.2	25.0	5.6	4.61	6.26	3.16
255	104.3	455.9	23.04	28.25	17.56	21.6	33.8	9.5	3.98	5.90	1.93
256	115.8	453.6	17.61	27.34	7.50	36.9	63.2	14.9	1.28	2.16	.46
257	117.0	451.5	19.87	31.23	9.39	31.3	57.3	11.4	1.03	1.54	.36
258	115.1	449.7	22.06	34.54	8.77	24.2	45.7	7.4	1.14	3.17	.38
259	97.8	452.2	22.15	34.62	7.75	27.6	57.2	7.9	.92	2.49	.20
260	92.8	397.2	22.33	35.16	10.48	24.0	40.4	7.8	1.24	3.79	.36
261	89.8	397.4	22.98	36.06	11.28	30.0	54.1	11.0	.82	1.71	.34
262	82.3	468.3	22.70	31.25	13.66	38.8	65.1	24.1	1.81	3.65	.40
263	107.3	468.1	24.88	33.59	15.87	36.5	61.3	20.4	1.60	2.58	.75
264	114.5	441.9	26.12	37.10	13.67	36.1	57.7	13.8	1.06	2.35	.31
265	109.0	436.2	26.31	38.99	11.31	34.4	64.9	13.7	.91	1.72	.44
266	112.3	432.0	26.60	42.87	12.42	30.0	53.5	12.9	.97	1.81	.29
267	86.2	403.9	29.69	39.50	19.61	37.9	59.6	21.5	1.35	3.33	.44
268	111.0	434.4	26.74	41.63	14.74	38.4	64.5	16.0	1.07	2.70	.23
269	103.2	419.9	26.20	40.93	12.67	32.7	55.3	12.1	.91	1.75	.38
270	99.7	413.9	30.08	45.18	13.72	34.3	55.8	16.1	1.37	3.72	.46
271	62.7	281.0	30.50	37.47	19.21	39.2	68.2	24.1	1.48	3.17	.39

Table 3. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 0.7 meter, in degrees Celsius			Relative humidity at 0.7 meter, in percent			Windspeed at 0.7 meter, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
272	51.2	251.1	28.07	34.56	20.28	49.8	89.2	14.7	2.57	5.72	0.58
273	18.5	206.4	21.55	27.78	16.69	56.0	62.9	39.7	1.74	2.76	.84
274	27.5	224.1	21.74	29.05	16.15	31.2	46.6	13.8	1.54	3.58	.24
275	39.2	281.2	20.16	23.74	16.94	42.2	54.1	30.9	3.85	5.14	2.42
276	57.8	369.8	16.40	24.29	6.62	52.0	73.8	30.6	2.33	4.89	.33
277	39.2	281.2	20.16	23.74	16.94	42.2	54.1	30.9	3.85	5.14	2.42
278	57.8	369.8	16.40	24.29	6.62	52.0	73.8	30.6	2.33	4.89	.33
279	62.7	363.3	17.34	28.41	3.67	45.6	78.4	20.8	.90	1.56	.44
280	54.4	372.8	21.12	28.80	10.13	32.0	66.7	12.7	1.57	2.73	.61
281	48.9	352.6	20.05	29.63	8.97	28.3	52.1	12.6	1.45	2.98	.45
282	56.0	349.9	17.64	31.39	4.72	33.1	62.7	10.1	.80	1.82	.27
283	--	--	--	--	--	--	--	--	--	--	--
284	--	--	--	--	--	--	--	--	--	--	--
285	--	--	--	--	--	--	--	--	--	--	--
286	--	--	--	--	--	--	--	--	--	--	--
287	29.8	294.6	19.53	25.17	14.41	41.3	56.4	31.3	1.80	3.16	.57
288	44.4	321.4	14.49	20.26	7.24	36.8	59.3	20.6	2.50	4.46	.49
289	43.1	334.1	27.87	59.15	3.75	51.0	65.9	31.0	1.50	2.69	.26
290	--	--	--	--	--	--	--	--	--	--	--
291	--	--	--	--	--	--	--	--	--	--	--
292	46.0	319.3	12.56	25.38	2.29	34.0	53.2	14.0	.75	1.62	.09
293	43.2	305.7	12.85	26.07	1.64	33.0	53.5	14.5	.66	1.19	.07
294	43.9	307.4	12.80	27.48	.27	32.7	63.8	11.7	.62	1.24	.07
295	29.5	247.4	13.08	26.91	1.41	31.5	57.9	11.3	.54	1.32	.07
296	40.8	249.8	14.97	26.90	1.16	28.4	61.4	12.3	.78	1.77	.19
297	44.5	295.7	16.35	27.50	5.33	31.8	54.5	14.0	.73	1.50	.09
298	42.6	297.7	15.39	29.03	5.09	37.1	56.1	15.3	.60	1.41	.07
299	39.0	291.1	15.07	28.34	4.36	35.8	55.2	15.0	.66	1.16	.07
300	35.5	318.7	15.23	28.33	4.45	34.7	52.9	16.1	.69	1.88	.15
301	37.3	291.3	14.02	27.54	3.56	36.4	63.2	14.4	.67	1.34	.07
302	33.5	291.5	14.84	26.79	2.61	31.8	55.5	16.9	1.20	2.52	.32
303	23.3	292.7	14.59	24.26	4.14	21.2	32.5	9.9	1.47	2.74	.44
304	30.9	276.9	11.44	25.93	-1.04	20.6	51.9	3.3	.61	1.37	.07
305	19.7	272.1	15.85	26.92	1.36	17.4	29.4	8.0	2.51	5.23	.35
306	5.5	145.1	15.02	19.43	8.78	38.6	56.0	25.6	3.15	4.91	.23

Table 3. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 0.7 meter, in degrees Celsius			Relative humidity at 0.7 meter, in percent			Windspeed at 0.7 meter, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
307	18.0	286.4	8.07	12.75	2.90	36.8	68.3	16.8	2.69	4.31	1.28
308	23.7	287.3	5.29	13.96	-1.57	28.5	44.9	11.9	1.09	2.51	.08
309	35.5	279.1	8.90	19.07	-.24	23.9	40.5	9.8	1.12	3.55	.19
310	26.6	272.0	12.89	23.75	1.07	27.7	50.5	11.3	1.36	3.72	.25
311	5.1	192.8	11.09	20.22	2.37	27.4	41.9	12.2	1.14	3.00	.25
312	34.5	267.8	11.00	19.92	3.56	43.0	63.1	26.1	.85	1.71	.08
313	27.0	289.9	13.35	20.95	3.04	43.3	65.7	27.2	2.66	6.20	.32
314	2.2	195.2	10.72	15.77	3.00	61.3	83.1	39.6	3.07	5.88	.26
315	28.2	251.8	6.02	14.13	-3.90	69.5	93.1	36.5	.77	1.88	.14
316	39.0	258.0	5.61	15.42	-4.07	64.2	94.5	31.8	1.23	2.58	.14
317	5.0	248.9	8.24	14.07	3.98	32.0	58.0	14.7	2.41	3.58	.95
318	9.0	247.1	5.96	14.98	-4.25	33.7	56.7	16.9	1.92	3.45	.24
319	21.5	239.4	6.01	16.56	-9.35	36.1	73.9	13.8	1.27	3.14	.17
320	19.6	239.3	11.07	18.58	.16	33.8	59.5	20.8	2.31	3.89	.45
321	16.8	251.4	6.02	14.30	-4.84	48.9	74.3	31.7	2.67	4.92	.40
322	8.7	207.0	2.59	7.32	-.80	61.7	96.2	31.9	2.29	4.59	.63
323	6.0	241.6	4.03	11.70	-.60	33.2	52.1	17.5	2.92	4.95	.74
324	13.5	224.7	1.83	12.77	-6.97	57.1	84.5	19.3	.68	1.29	.07
325	11.4	221.4	3.41	13.95	-7.37	55.5	88.4	21.8	.87	2.72	.07
326	2.3	227.5	7.97	15.15	2.35	40.7	59.2	23.4	2.68	4.12	.68
327	8.8	207.3	3.29	15.78	-7.19	46.6	76.9	17.3	.72	2.03	.07
328	13.4	171.8	2.73	15.20	-8.48	50.9	83.1	19.4	.52	.97	.08
329	5.0	218.1	8.37	19.56	-4.89	47.3	76.7	19.5	4.17	7.79	.40
330	-18.9	219.8	6.98	11.15	.38	43.2	67.5	19.9	3.90	5.70	1.53
331	3.3	200.3	1.08	9.63	-5.97	38.4	56.4	15.8	1.08	1.77	.27
332	5.4	198.7	2.36	13.63	-8.55	38.2	59.7	19.1	1.23	2.33	.46
333	10.1	195.6	3.58	15.12	-6.01	37.6	64.8	13.4	.76	1.87	.07
334	12.7	192.1	4.58	19.03	-5.83	42.1	64.7	17.1	.65	1.19	.12
335	10.6	190.4	4.62	18.18	-6.11	45.7	72.6	18.8	.70	1.38	.09
336	10.0	185.0	5.51	17.88	-4.98	44.0	68.3	17.6	.71	1.45	.21
337	-3.6	83.2	8.99	15.86	-1.48	41.2	69.0	26.0	1.18	3.03	.36
338	-7.8	70.3	10.84	17.35	5.66	35.8	47.8	24.9	1.36	3.41	.27
339	10.6	180.9	8.91	17.81	.82	47.9	70.7	26.8	.87	1.54	.33
340	2.8	188.4	7.45	16.03	-.97	59.3	83.5	33.3	1.34	3.74	.39
341	-1.4	188.6	6.14	14.97	-2.28	47.0	90.0	18.1	1.64	3.27	.34

Table 3. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 1, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 0.7 meter, in degrees Celsius			Relative humidity at 0.7 meter, in percent			Windspeed at 0.7 meter, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
342	-8.7	184.5	4.12	10.93	-6.70	26.8	48.8	11.3	2.39	4.04	0.23
343	-0.4	179.5	.03	13.12	-9.74	32.8	57.4	8.8	1.10	2.62	.26
344	-6.4	133.7	-1.36	9.93	-10.60	40.0	68.5	17.8	.81	1.54	.30
345	1.2	131.3	-1.13	9.72	-10.42	39.3	64.0	17.0	.74	1.39	.33
346	10.2	182.2	7.27	16.11	-4.03	30.5	52.8	15.3	2.69	5.12	.33
347	-11.0	125.7	6.44	12.03	-3.94	64.8	91.6	38.5	2.04	5.11	.20
348	-3.6	124.1	.79	10.39	-7.85	63.9	91.0	31.7	.68	1.43	.18
349	5.5	171.2	1.18	12.90	-7.83	57.7	82.0	28.1	.66	1.23	.12
350	7.6	171.7	2.20	15.54	-7.73	53.3	77.8	24.5	.71	1.52	.23
351	7.6	175.5	4.06	18.55	-5.89	49.7	76.0	22.2	.80	1.20	.43
352	6.4	172.9	3.41	17.11	-6.28	50.5	73.8	22.7	.84	1.34	.34
353	3.1	169.0	5.24	18.87	-5.10	43.3	75.7	13.9	.81	1.25	.23
354	2.0	165.6	4.65	19.79	-7.12	41.4	68.6	14.4	.80	1.18	.52
355	9.3	165.2	5.22	20.39	-6.53	39.0	69.1	12.3	.68	.96	.23
356	.5	81.2	10.22	18.33	.05	31.3	51.5	14.4	1.28	3.60	.31
357	12.3	135.5	12.81	16.30	10.82	53.5	68.3	35.8	1.44	4.17	.27
358	6.2	73.8	10.81	12.59	9.35	87.1	97.8	69.5	1.80	3.82	.36
359	64.1	265.2	10.58	14.79	7.76	78.7	98.6	60.4	2.01	3.58	.55
360	13.6	267.6	10.72	18.01	6.09	59.6	74.3	35.8	2.18	3.66	.68
361	18.3	232.9	7.90	16.71	-.32	72.4	94.2	40.0	.75	1.74	.23
362	28.2	236.7	9.53	16.85	3.72	70.7	94.0	39.9	2.28	4.84	.31
363	11.4	151.5	7.01	10.51	5.07	83.3	95.2	68.6	1.10	2.84	.29
364	11.4	246.0	5.82	13.47	-2.26	63.0	93.8	29.4	1.73	3.11	.24
365	29.3	243.5	2.87	11.61	-5.01	76.3	93.4	44.5	.49	.84	.20

Table 4. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change measured by energy-budget station at Rogers Spring Site 2, 1994

[--, no data available]

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dew-point temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil heat flux, in watts per square meter		Difference in soil temperature over time, in degress Celsius
		1.25 meters	2.25 meters	1.25 meters	2.25 meters	1.25 meters	2.25 meters	Plate 1	Plate 2	
75	75.2	22.32	22.38	-6.19	-6.27	0.3877	0.3851	6.9	14.0	0.003
76	91.5	19.12	19.32	-6.14	-6.12	.3973	.3961	5.5	12.6	.003
77	97.2	19.47	19.44	-3.16	-2.95	.4910	.4980	6.3	14.4	.007
78	65.9	15.69	15.69	-2.41	-2.35	.5161	.5188	3.8	8.6	-.005
79	109.4	13.23	13.45	-3.36	-3.16	.4822	.4895	-2.2	.8	-.017
80	102.0	15.28	15.37	-.33	-.28	.6495	.6482	1.6	5.9	.025
81	95.3	13.35	13.52	-3.14	-3.29	.5147	.5105	-7.3	-8.6	-.052
82	103.7	10.28	10.29	-8.12	-8.35	.3485	.3399	-5.5	-5.2	.026
83	80.1	12.89	12.97	-4.89	-4.70	.4336	.4385	.5	3.0	.001
84	112.2	9.74	9.72	-3.91	-3.57	.4671	.4775	-4.2	-2.4	-.025
85	109.1	12.36	12.36	-2.59	-2.53	.5351	.5321	-8.4	-5.5	.016
86	106.5	15.12	15.49	-4.67	-5.02	.4635	.4466	-.3	2.8	.003
87	100.5	15.77	15.98	-5.34	-5.49	.4425	.4325	1.3	6.5	.022
88	112.2	16.19	16.61	-5.31	-5.40	.4452	.4370	4.3	10.2	.014
89	111.7	18.34	18.67	-3.97	-4.09	.4814	.4723	6.6	13.1	.003
90	117.3	17.67	18.13	-4.42	-4.51	.4751	.4686	2.7	7.1	-.007
91	121.6	16.28	16.74	-5.61	-5.73	.4286	.4207	-4.9	-3.9	-.009
92	105.2	18.02	18.36	-4.87	-4.96	.4495	.4423	3.8	8.4	.020
93	66.8	19.81	19.84	-2.10	-2.00	.5320	.5347	-.2	2.6	-.012
94	114.0	15.71	15.67	-4.78	-4.88	.4450	.4393	-8.3	-8.5	-.029
95	119.1	13.88	14.08	-8.09	-8.14	.3513	.3470	-2.7	-1.3	.022
96	80.2	15.58	15.69	-6.40	-6.31	.3972	.3982	2.4	4.7	.010
117	108.3	10.92	10.85	11.82	11.82	1.4410	1.4408	1.2	4.6	.010
118	120.4	12.28	12.37	13.21	13.21	1.6185	1.6189	-.7	.8	-.006
119	161.4	14.08	14.46	14.57	14.56	1.9305	1.9301	1.1	6.9	.014
120	110.7	17.17	17.49	17.51	17.51	2.1671	2.1673	2.5	7.5	.001
121	146.8	17.20	17.58	17.65	17.65	2.3218	2.3218	4.9	13.8	.012
122	140.4	19.22	19.48	19.50	19.50	2.6015	2.6012	7.8	16.7	.012
123	132.9	19.88	20.31	20.06	20.06	2.6460	2.6462	5.8	14.7	.003
124	157.2	23.10	23.30	22.73	22.71	3.1029	3.1014	8.3	17.9	.018

Table 4. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change measured by energy-budget station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dew-point temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil heat flux, in watts per square meter		Difference in soil temperature over time, in degress Celsius
		1.25 meters	2.25 meters	1.25 meters	2.25 meters	1.25 meters	2.25 meters	Plate 1	Plate 2	
125	132.9	23.79	23.85	23.92	23.93	3.1096	3.1101	7.2	15.9	-0.011
126	163.4	17.47	17.35	18.14	18.15	2.1779	2.1787	-.7	3.4	-.017
127	128.0	15.28	15.15	16.06	16.06	1.9253	1.9250	-.8	3.6	-.001
128	93.2	16.40	16.45	17.00	17.00	2.0103	2.0107	-1.2	2.1	-.003
129	95.3	19.25	19.33	19.68	19.67	2.5587	2.5585	5.8	11.2	.018
130	146.0	21.88	22.08	22.55	22.53	3.0862	3.0845	11.8	22.1	.032
131	147.2	25.87	25.96	14.30	14.20	1.9594	1.9495	15.1	27.8	.009
132	158.2	25.01	25.19	5.54	5.64	.9430	.9449	12.9	24.2	.010
133	161.7	24.15	24.56	7.12	7.17	1.0591	1.0551	13.0	23.0	.000
134	152.4	25.55	25.79	4.84	4.64	.9006	.8821	7.6	15.8	-.005
135	141.2	26.00	26.03	1.44	1.17	.6908	.6766	-1.0	4.1	-.036
136	157.0	18.73	18.71	-.90	-.72	.5848	.5904	-4.0	-1.1	-.022
137	143.8	15.61	15.47	-2.49	-2.38	.5233	.5256	-5.3	-4.7	-.011
138	162.7	14.78	14.63	-2.13	-1.97	.5372	.5416	-2.0	.2	.006
139	152.9	14.64	14.76	-1.35	-1.25	.5809	.5813	2.3	6.2	.003
140	158.5	15.66	16.10	-1.86	-2.04	.5767	.5643	2.0	5.8	.003
141	158.3	18.25	18.79	-3.27	-3.75	.5267	.5042	1.9	5.8	.004
142	159.9	20.44	21.01	-3.25	-3.62	.5252	.5068	4.6	9.5	.013
143	164.5	22.30	23.10	-1.02	-1.20	.6175	.6043	8.8	15.8	.017
144	128.8	24.18	24.47	.89	.85	.6885	.6862	7.6	13.3	.017
145	141.2	25.59	25.57	4.61	4.77	.8734	.8794	12.4	21.1	.008
146	160.0	25.25	25.36	6.78	6.96	1.0175	1.0257	10.7	19.0	.003
147	105.6	26.17	26.28	4.12	3.93	.8295	.8176	-.5	1.6	-.020
148	159.2	25.89	26.17	2.32	2.06	.7530	.7373	9.9	16.5	.009
149	160.4	25.64	26.15	-.69	-1.13	.6215	.5996	6.5	11.6	.004
150	110.0	26.41	26.64	.69	.72	.6628	.6636	3.2	7.4	.008
151	177.5	22.61	22.91	5.57	5.81	.9366	.9468	11.8	24.4	.003
152	170.3	24.00	24.57	4.95	4.82	.9207	.9069	10.3	21.5	.005
153	164.9	26.52	26.98	4.00	3.74	.8638	.8442	9.2	19.2	.001
154	130.0	26.51	26.94	1.36	1.06	.7105	.6939	1.0	5.5	-.022
155	159.5	24.51	25.16	-1.57	-1.89	.5817	.5678	6.8	14.9	.013
156	168.2	26.21	26.37	.02	-.06	.6363	.6300	4.6	12.0	-.004
157	139.0	24.07	24.09	1.22	1.26	.6862	.6870	-.2	3.8	-.019
158	164.6	21.92	22.51	-1.29	-1.51	.5875	.5744	5.1	11.4	.010
159	166.1	24.67	25.22	-.84	-1.15	.6107	.5934	5.8	12.3	.007

Table 4. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change measured by energy-budget station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dew-point temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil heat flux, in watts per square meter		Difference in soil temperature over time, in degress Celsius
		1.25 meters	2.25 meters	1.25 meters	2.25 meters	1.25 meters	2.25 meters	Plate 1	Plate 2	
160	169.1	25.12	25.88	-0.63	-0.95	0.6277	0.6107	9.0	17.0	0.012
161	172.8	27.44	28.23	.50	.09	.6860	.6618	10.2	18.8	.010
162	171.4	29.33	29.89	2.12	1.90	.7579	.7428	11.0	20.1	.008
163	169.5	30.68	30.88	3.32	3.22	.8028	.7942	10.7	19.7	.004
164	153.4	30.26	30.42	2.95	2.81	.7741	.7638	4.8	11.8	-.017
165	168.6	28.80	28.71	3.93	4.01	.8341	.8374	6.6	14.6	-.002
166	166.0	25.71	25.67	1.32	1.22	.6896	.6831	-.1	4.2	-.018
167	167.1	23.57	23.90	-1.39	-1.51	.5791	.5713	1.7	5.6	.001
168	171.3	27.04	27.29	-.29	-.54	.6211	.6068	3.4	8.5	.007
169	175.1	27.11	27.73	-.54	-.72	.6179	.6071	6.0	12.1	.002
170	176.3	26.70	27.42	-.11	-.41	.6514	.6350	7.1	13.7	.005
171	176.1	27.91	28.33	.93	.72	.6981	.6849	7.4	14.9	.016
172	172.5	30.53	30.80	5.28	5.24	.9113	.9042	11.9	21.0	.008
173	173.3	30.86	31.29	3.79	3.51	.8320	.8136	7.9	15.1	-.003
174	170.4	30.75	31.18	1.91	1.50	.7329	.7086	6.4	12.5	-.003
175	175.9	29.40	30.26	1.40	1.11	.7308	.7121	7.5	14.5	.009
176	170.8	32.79	33.13	2.61	2.28	.7639	.7431	5.6	12.2	-.005
177	167.0	35.18	35.23	3.15	2.87	.7823	.7649	7.9	16.3	.009
178	155.5	33.36	34.05	5.10	5.05	.9162	.9092	10.4	18.9	.010
179	179.8	30.78	31.79	6.45	6.25	1.0279	1.0041	9.9	18.1	.004
180	178.5	33.08	33.79	7.19	6.87	1.0606	1.0318	9.8	18.1	.008
181	164.1	33.17	33.87	6.26	5.91	.9908	.9611	7.0	14.2	-.002
182	103.0	32.76	33.22	6.77	6.71	1.0051	.9986	2.5	6.6	-.016
183	168.5	32.21	32.45	6.05	5.70	.9634	.9386	5.8	12.7	-.008
184	172.3	28.22	28.72	2.83	2.60	.7917	.7762	5.4	10.8	.009
185	177.9	28.86	29.26	5.71	5.77	.9529	.9519	5.2	10.6	-.003
186	175.8	28.40	28.74	5.94	5.77	.9642	.9481	2.6	7.1	-.008
187	176.8	27.21	-69.51	3.61	3.13	.8319	.7955	0.5	2.3	-.007
188	174.3	29.18	30.05	4.78	4.27	.9025	.8663	5.4	9.1	.008
189	177.5	27.73	28.94	5.30	4.67	.9668	.9191	5.6	9.7	.006
190	178.1	30.42	31.34	6.56	5.92	1.0342	.9855	4.7	9.4	.002
191	177.6	31.66	32.16	7.72	7.19	1.0859	1.0439	5.2	10.2	-.002
192	177.8	28.92	29.91	6.86	6.41	1.0443	1.0082	6.1	10.4	.003
193	176.9	29.39	30.28	7.53	7.07	1.1050	1.0633	6.6	11.3	.008
194	176.7	29.74	30.54	7.20	6.68	1.0638	1.0204	4.7	8.5	-.009

Table 4. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change measured by energy-budget station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dew-point temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil heat flux, in watts per square meter		Difference in soil temperature over time, in degress Celsius
		1.25 meters	2.25 meters	1.25 meters	2.25 meters	1.25 meters	2.25 meters	Plate 1	Plate 2	
195	170.5	30.32	31.10	6.99	6.54	1.0537	1.0172	3.9	7.5	0.001
196	179.3	30.47	31.29	7.41	7.01	1.0785	1.0448	5.2	9.0	.000
197	165.0	30.48	31.16	6.68	6.15	1.0102	.9697	4.3	7.3	.003
198	154.1	31.30	32.06	9.15	8.81	1.1885	1.1580	9.1	15.1	.016
199	165.3	31.59	31.77	11.10	10.90	1.3409	1.3210	7.8	13.2	-.001
200	165.9	29.06	29.34	11.95	11.93	1.4250	1.4188	8.3	13.0	.000
201	157.0	28.32	28.57	13.36	13.34	1.5702	1.5608	7.7	14.7	.003
202	169.5	29.48	30.08	12.59	12.47	1.5052	1.4881	7.1	13.9	-.000
203	184.4	30.96	31.54	11.11	10.79	1.3559	1.3230	8.2	15.7	.006
204	188.2	30.43	31.23	9.88	9.57	1.2609	1.2296	7.5	14.2	.000
205	180.0	31.06	31.74	8.84	8.47	1.1807	1.1481	6.8	12.6	-.007
206	175.0	30.27	31.15	6.08	5.57	.9895	.9505	6.3	11.7	.007
207	168.8	29.12	30.42	5.60	5.18	.9641	.9317	5.7	10.4	-.003
208	180.6	30.71	31.60	6.43	6.04	1.0174	.9849	7.7	13.7	.009
209	177.9	31.45	32.59	7.35	7.11	1.0703	1.0487	8.6	15.0	.005
210	156.6	32.37	32.98	9.41	9.41	1.2155	1.2076	8.4	14.8	.010
211	179.2	32.64	33.01	9.75	9.67	1.2269	1.2181	9.9	17.2	-.003
212	177.9	31.39	31.90	6.51	6.31	.9969	.9793	6.5	11.5	-.008
213	176.9	32.03	32.51	5.26	5.01	.9128	.8942	7.6	13.0	-.002
214	173.6	30.92	31.51	2.91	2.56	.7785	.7562	6.4	10.7	.000
215	177.4	27.84	29.02	.45	.10	.6775	.6504	3.7	6.6	-.014
216	176.6	27.33	28.32	-.91	-1.30	.6260	.6052	3.3	5.8	-.005
217	171.4	30.78	31.63	.19	.06	.6602	.6515	-2.9	-2.6	.003
218	172.6	33.29	34.04	4.25	4.19	.8596	.8524	9.0	7.6	.019
219	165.1	32.51	33.32	5.53	5.44	.9391	.9287	7.7	6.1	.004
220	117.3	32.03	32.23	6.53	6.73	.9817	.9960	4.3	3.7	-.001
221	156.5	31.33	31.42	10.66	10.94	1.3023	1.3242	14.4	11.7	.016
222	154.4	30.65	31.21	12.12	12.27	1.4429	1.4525	12.8	9.9	-.005
223	176.6	31.81	32.47	11.82	11.79	1.4201	1.4116	14.8	11.5	.008
224	160.1	32.86	33.14	11.81	11.83	1.4052	1.4042	13.5	10.5	.009
225	162.8	31.32	31.76	12.55	12.66	1.4794	1.4858	14.4	10.7	-.004
226	176.3	29.92	30.92	12.08	12.07	1.4602	1.4500	11.6	8.6	-.000
227	175.4	30.25	31.57	9.99	9.82	1.2697	1.2527	10.7	7.9	-.002
228	170.0	33.33	33.93	9.49	9.31	1.2220	1.2020	12.6	9.8	.014
229	146.5	30.66	31.04	9.76	9.88	1.2346	1.2409	8.1	5.8	-.014

Table 4. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change measured by energy-budget station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dew-point temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil heat flux, in watts per square meter		Difference in soil temperature over time, in degress Celsius
		1.25 meters	2.25 meters	1.25 meters	2.25 meters	1.25 meters	2.25 meters	Plate 1	Plate 2	
230	152.6	31.55	31.80	11.38	11.38	1.3600	1.3569	13.9	10.6	0.009
231	163.6	31.02	31.53	10.97	10.99	1.3368	1.3344	11.9	8.8	-.009
232	164.9	30.80	31.38	10.22	10.14	1.2828	1.2706	9.8	7.1	-.008
233	158.5	30.26	30.58	5.38	4.96	.9182	.8899	6.4	4.5	-.010
234	154.9	28.09	28.57	2.67	2.21	.7740	.7484	4.5	2.8	-.021
235	160.8	24.50	25.64	-1.90	-2.41	.5790	.5528	.3	-.5	-.012
236	161.9	26.75	27.88	-1.88	-2.30	.5739	.5523	4.2	2.7	.009
237	157.7	30.51	31.15	.28	-.04	.6456	.6278	10.2	7.5	.010
238	149.0	29.98	30.37	2.12	2.21	.7452	.7493	12.3	9.1	.026
239	139.2	29.31	29.81	8.62	8.85	1.1468	1.1620	11.2	7.7	-.013
240	157.6	30.13	30.64	6.47	6.30	.9953	.9800	8.8	6.2	-.005
241	154.4	27.36	28.28	1.91	1.30	.7483	.7039	4.3	2.3	-.025
242	154.6	23.80	24.98	-2.18	-2.49	.5726	.5543	-.8	-1.6	-.013
243	139.6	25.57	26.34	-1.43	-1.70	.5925	.5770	1.8	.8	.016
244	149.8	27.24	27.79	-.49	-.63	.6183	.6088	5.4	3.5	-.008
245	135.6	27.33	27.85	-1.35	-1.54	.5718	.5606	4.3	2.7	.001
246	148.6	23.15	24.07	-3.03	-3.04	.5233	.5184	1.3	0	-.015
247	152.1	23.32	24.39	-.24	-.07	.6605	.6640	3.7	1.9	.010
248	154.0	25.69	26.69	4.51	4.75	.9027	.9116	8.3	5.5	.017
256	133.4	16.74	17.46	-3.30	-2.86	.5133	.5241	-5.4	-5.3	-.026
257	135.3	18.87	19.69	-1.75	-1.61	.5798	.5788	-2.5	-3.0	.002
258	137.2	21.16	22.29	-1.71	-1.90	.5901	.5739	.7	-.5	.005
259	115.2	21.24	22.37	-2.30	-2.37	.5578	.5416	.3	-.9	.003
260	111.2	21.68	22.40	-2.01	-2.07	.5676	.5612	.4	-.6	.003
261	105.7	22.00	22.93	.01	.10	.6536	.6525	2.0	.6	-.000
262	89.9	22.00	22.43	2.48	2.81	.7652	.7811	-1.7	-2.0	.002
263	125.7	23.87	24.07	5.55	5.73	.9443	.9497	5.8	3.6	.013
264	132.5	23.01	--	6.06	5.84	1.0092	.9823	3.0	1.1	-.014
265	126.3	22.03	--	6.35	5.91	1.0395	.9969	1.2	-.2	-.001
266	129.1	22.49	--	6.22	5.64	1.0277	.9783	2.2	.6	.011
267	101.4	24.44	--	9.33	9.09	1.2194	1.1940	3.9	2.1	-.004
268	127.8	21.33	--	7.09	6.66	1.0935	1.0517	.7	-.6	-.012
269	121.2	21.43	--	3.75	3.33	.8554	.8229	-.2	-1.3	.001
270	117.1	23.39	23.97	3.67	3.57	.8492	.8376	3.3	1.6	.017
271	75.7	25.20	25.75	6.85	7.03	1.0186	1.0353	4.7	2.9	.014

Table 4. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change measured by energy-budget station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dew-point temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil heat flux, in watts per square meter		Difference in soil temperature over time, in degress Celsius
		1.25 meters	2.25 meters	1.25 meters	2.25 meters	1.25 meters	2.25 meters	Plate 1	Plate 2	
272	69.2	22.59	22.90	6.91	7.19	1.0263	1.0440	-1.4	-1.8	-0.039
273	92.7	18.77	19.35	2.57	2.58	.7743	.7688	-3.2	-3.5	-.015
274	86.7	18.47	19.37	2.23	2.23	.7796	.7711	-2.3	-2.8	.010
275	76.3	21.38	21.92	3.60	3.44	.8395	.8227	1.0	-.2	.011
276	4.6	19.08	19.68	.14	.25	.6251	.6266	-6.6	-5.8	-.021
277	47.6	18.81	18.82	2.60	2.90	.7427	.7578	-1.9	-2.0	.001
278	70.7	14.75	15.22	1.52	1.81	.7076	.7184	-6.1	-5.5	-.037
279	79.9	14.57	15.09	-.17	-.06	.6600	.6551	-6.9	-6.3	.006
280	69.7	18.22	18.77	-.86	-.75	.6107	.6058	-3.5	-3.5	.011
281	63.8	19.21	19.88	-.20	-.34	.6379	.6266	-.5	-1.3	-.008
282	72.5	16.28	17.17	-2.75	-2.87	.5578	.5449	-5.1	-5.0	-0.003
283	70.7	17.16	18.19	-2.93	-3.00	.5420	.5334	-4.4	-4.3	-.002
284	62.3	18.65	19.56	-1.43	-1.51	.5868	.5788	-1.9	-2.4	-.004
285	60.4	19.66	20.06	-1.13	-1.17	.5965	.5913	-.1	-.7	.029
286	57.2	15.70	16.16	-1.68	-1.68	.5731	.5687	-6.0	-5.5	-.020
287	40.2	17.07	17.20	.83	1.11	.6633	.6744	-2.4	-2.5	.002
288	53.1	13.16	13.21	-2.49	-2.45	.5220	.5226	-9.3	-7.9	-.037
289	55.6	11.52	11.66	-4.41	-4.39	.4611	.4585	-10.9	-9.1	.007
290	61.1	10.50	11.03	-3.45	-3.41	.5120	.5090	-10.7	-9.2	-.018
291	61.9	11.48	12.14	-6.73	-6.78	.3841	.3832	-9.7	-8.4	.000
292	59.1	11.90	12.72	-7.52	-7.17	.3651	.3734	-8.9	-7.9	-.001
293	56.8	12.17	12.92	-3.80	-3.92	.4977	.4892	-8.1	-7.4	.000
294	57.0	12.17	13.04	-7.41	-7.29	.3732	.3748	-7.6	-7.3	.000
295	41.4	12.39	13.26	-8.36	-8.23	.3438	.3460	-7.8	-7.2	.002
296	53.3	14.27	14.92	-8.22	-8.22	.3471	.3460	-4.4	-4.2	.021
297	56.8	15.77	16.52	-7.96	-7.82	.3437	.3469	-1.8	-1.9	-.004
298	54.3	14.57	15.42	-2.75	-2.80	.5739	.5670	-5.3	-4.6	-.006
299	50.4	14.38	15.15	-2.43	-2.45	.5598	.5527	-6.1	-5.2	-.003
300	46.5	14.47	15.35	-3.14	-3.11	.5265	.5231	-6.6	-5.6	-.004
301	48.4	13.20	14.15	-3.66	-3.67	.5083	.5026	-8.2	-6.8	-.009
302	43.6	14.18	14.84	-3.92	-3.95	.4981	.4929	-8.6	-6.9	.001
303	33.5	13.50	14.30	-5.88	-6.18	.4207	.4094	-10.8	-8.8	-.025
304	44.1	10.72	11.63	-9.54	-9.97	.3277	.3131	-14.2	-11.7	-.005
305	29.1	15.31	15.52	-7.63	-7.83	.3772	.3700	-7.8	-6.0	.031
306	11.6	14.13	14.36	-4.03	-3.71	.4580	.4688	-7.3	-6.0	-.019

Table 4. Daily mean net radiation, air temperature, dew-point temperature, vapor pressure, soil heat flux, and soil temperature change measured by energy-budget station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter	Air temperature, in degrees Celsius		Dew-point temperature, in degrees Celsius		Vapor pressure, in kilopascals		Soil heat flux, in watts per square meter		Difference in soil temperature over time, in degress Celsius
		1.25 meters	2.25 meters	1.25 meters	2.25 meters	1.25 meters	2.25 meters	Plate 1	Plate 2	
307	25.0	7.36	7.37	-7.37	-7.24	0.3594	0.3628	-19.8	-16.4	-0.038
308	34.0	4.60	5.10	-11.10	-11.19	.2766	.2729	-21.3	-17.7	-.008
309	46.9	8.26	8.65	-9.85	-9.96	.3050	.3011	-13.6	-11.3	.008
310	37.8	12.31	12.77	-7.64	-7.60	.3628	.3618	-8.8	-7.2	.014
311	13.7	10.32	10.96	-8.83	-8.82	.3248	.3242	-11.7	-9.8	-.015
312	45.5	10.29	10.88	-4.86	-4.64	.4601	.4635	-8.2	-6.9	.012
313	34.1	12.64	12.88	-2.01	-1.80	.5516	.5571	-6.9	-5.6	.014
314	6.5	10.03	10.18	-1.95	-1.52	.5360	.5523	-9.4	-7.8	-.022
315	35.5	5.44	5.62	-4.06	-3.72	.4745	.4841	-15.2	-12.8	-.003
316	49.7	5.07	5.38	-4.24	-4.03	.4766	.4819	-16.3	-13.6	-.005
317	15.4	7.45	7.50	-4.60	-4.87	.4452	.4346	-15.7	-12.9	-.013
318	19.0	5.17	5.50	-7.70	-7.94	.3603	.3511	-18.1	-14.8	-.019
319	32.5	5.23	5.53	2.58	2.69	1.0106	1.0118	-16.2	-13.3	.021
320	30.3	9.31	9.35	10.24	10.26	1.3057	1.3067	-6.1	-5.0	-.007

Table 5. Daily mean, maximum, and minimum air and dew-point temperatures and vapor pressure measured by energy-budget station at Rogers Spring Site 2, 1994

[--, no data available]

Calendar day	Air temperature at 1.25 meters, in degrees Celsius			Dew-point temperature at 1.25 meters, in degrees Celsius			Vapor pressure at 1.25 meters, in kilopascals		
	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
75	22.32	27.43	18.57	-6.19	-3.95	-9.27	0.3877	0.4563	0.3034
76	19.12	25.55	11.18	-6.14	-1.21	-10.60	.3973	.5593	.2731
77	19.47	24.32	14.95	-3.16	-.30	-8.88	.4910	.5978	.3128
78	15.69	19.87	9.77	-2.41	-.63	-4.53	.5161	.5836	.4460
79	13.23	21.26	6.44	-3.36	-1.36	-7.06	.4822	.5530	.3603
80	15.28	22.90	3.64	-.33	7.99	-8.97	.6495	1.0714	.3106
81	13.35	17.90	2.29	-3.14	2.84	-14.03	.5147	.7488	.2071
82	10.28	17.27	.19	-8.12	-2.34	-14.93	.3485	.5149	.1924
83	12.89	18.72	8.83	-4.89	.01	-7.76	.4336	.6117	.3413
84	9.74	15.84	5.14	-3.91	.93	-7.08	.4671	.6536	.3599
85	12.36	21.87	.61	-2.59	4.41	-9.04	.5351	.8369	.3090
86	15.12	25.37	4.81	-4.67	2.34	-12.64	.4635	.7226	.2320
87	15.77	25.62	1.78	-5.34	2.22	-13.38	.4425	.7167	.2185
88	16.19	26.82	3.98	-5.31	2.40	-13.28	.4452	.7261	.2203
89	18.34	27.84	8.29	-3.97	2.71	-9.63	.4814	.7421	.2950
90	17.67	28.25	4.85	-4.42	3.09	-11.25	.4751	.7621	.2595
91	16.28	26.70	2.20	-5.61	.89	-12.62	.4286	.6514	.2324
92	18.02	26.80	6.31	-4.87	1.52	-11.54	.4495	.6815	.2535
93	19.81	25.62	12.00	-2.10	1.89	-5.65	.5320	.7001	.4012
94	15.71	23.82	5.22	-4.78	1.23	-10.63	.4450	.6674	.2725
95	13.88	22.37	3.72	-8.09	-1.92	-15.15	.3513	.5308	.1889
96	15.58	23.62	5.06	-6.40	-.76	-13.07	.3972	.5781	.2240
117	10.92	16.82	6.23	11.82	20.77	6.40	1.4410	2.4520	.9605
118	12.28	18.29	6.75	13.21	22.53	6.37	1.6185	2.7305	.9586
119	14.08	23.51	3.09	14.57	27.72	1.64	1.9305	3.7183	.6878
120	17.17	24.06	9.45	17.51	27.35	8.92	2.1671	3.6382	1.1408
121	17.20	26.72	8.13	17.65	30.91	6.16	2.3218	4.4692	.9449
122	19.22	28.48	7.25	19.50	31.83	7.05	2.6015	4.7092	1.0054
123	19.88	28.88	8.98	20.06	32.22	7.28	2.6460	4.8156	1.0215
124	23.10	31.31	11.34	22.73	33.74	9.77	3.1029	5.2447	1.2081
125	23.79	29.98	18.08	23.92	32.54	17.83	3.1096	4.9019	2.0419
126	17.47	22.92	12.41	18.14	26.24	11.10	2.1779	3.4082	1.3208
127	15.28	20.59	8.63	16.06	24.98	7.49	1.9253	3.1624	1.0353
128	16.40	21.78	10.65	17.00	25.18	10.21	2.0103	3.2012	1.2452
129	19.25	28.57	8.64	19.68	32.79	7.20	2.5587	4.9713	1.0151
130	21.88	31.06	8.72	22.55	34.90	7.50	3.0862	5.5931	1.0359
131	25.87	34.45	15.74	14.30	33.86	1.58	1.9594	5.2814	.6848
132	25.01	32.86	12.08	5.54	10.87	-2.42	.9430	1.3001	.5114
133	24.15	33.63	12.58	7.12	13.36	.69	1.0591	1.5320	.6423
134	25.55	34.49	10.93	4.84	10.70	-2.87	.9006	1.2855	.4947
135	26.00	31.36	20.76	1.44	5.41	-3.33	.6908	.8969	.4779
136	18.73	24.40	9.56	-.90	3.06	-7.28	.5848	.7607	.3541
137	15.61	21.48	10.16	-2.49	2.19	-7.17	.5233	.7153	.3573
138	14.78	20.86	8.55	-2.13	2.81	-7.10	.5372	.7474	.3592
139	14.64	22.89	7.27	-1.35	4.72	-7.48	.5809	.8552	.3487
140	15.66	25.95	4.23	-1.86	5.65	-9.55	.5767	.9120	.2968
141	18.25	29.78	4.33	-3.27	4.65	-12.03	.5267	.8508	.2436
142	20.44	31.61	6.65	-3.25	4.26	-13.11	.5252	.8278	.2248
143	22.30	33.55	9.47	-1.02	6.29	-10.30	.6175	.9536	.2796
144	24.18	33.89	10.66	.89	6.55	-7.09	.6885	.9709	.3594

Table 5. Daily mean, maximum, and minimum air and dew-point temperatures and vapor pressure, measured by energy-budget station at Rogers Spring Site 2, 1994—Continued

Calendar day	Air temperature at 1.25 meters, in degrees Celsius			Dew-point temperature at 1.25 meters, in degrees Celsius			Vapor pressure at 1.25 meters, in kilopascals		
	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
145	25.59	32.89	16.95	4.61	9.68	-1.00	0.8734	1.2010	0.5680
146	25.25	32.11	13.95	6.78	11.84	-.20	1.0175	1.3863	.6022
147	26.17	31.10	19.93	4.12	7.51	.54	.8295	1.0371	.6352
148	25.89	33.75	17.10	2.32	8.10	-4.57	.7530	1.0793	.4360
149	25.64	35.57	10.76	-.69	6.31	-9.72	.6215	.9548	.2927
150	26.41	35.19	15.14	.69	5.19	-6.49	.6628	.8837	.3767
151	22.61	31.33	15.01	5.57	10.67	.18	.9366	1.2832	.6189
152	24.00	34.79	11.90	4.95	11.53	-2.49	.9207	1.3584	.5089
153	26.52	36.64	12.10	4.00	10.88	-3.95	.8638	1.3014	.4562
154	26.51	34.62	12.89	1.36	7.74	-6.34	.7105	1.0533	.3808
155	24.51	34.32	9.79	-1.57	5.20	-11.21	.5817	.8844	.2602
156	26.21	33.87	15.21	.02	4.89	-7.07	.6363	.8652	.3599
157	24.07	31.14	18.26	1.22	6.09	-5.44	.6862	.9402	.4078
158	21.92	32.18	8.97	-1.29	4.79	-8.69	.5875	.8593	.3199
159	24.67	35.06	14.48	-.84	5.31	-7.77	.6107	.8910	.3411
160	25.12	38.23	9.42	-.63	6.02	-9.67	.6277	.9361	.2940
161	27.44	39.89	11.73	.50	7.85	-8.70	.6860	1.0615	.3171
162	29.33	39.54	14.58	2.12	8.90	-6.33	.7579	1.1395	.3808
163	30.68	38.16	21.40	3.32	8.51	-3.11	.8028	1.1095	.4859
164	30.26	36.44	21.53	2.95	7.40	-1.72	.7741	1.0289	.5386
165	28.80	35.59	22.72	3.93	8.95	-1.53	.8341	1.1433	.5460
166	25.71	32.56	19.07	1.32	6.02	-4.71	.6896	.9361	.4309
167	23.57	31.71	12.69	-1.39	4.67	-8.59	.5791	.8519	.3199
168	27.04	34.90	14.33	-.29	4.79	-6.84	.6211	.8593	.3664
169	27.11	35.75	18.03	-.54	5.08	-7.42	.6179	.8765	.3503
170	26.70	37.19	10.66	-.11	6.77	-8.96	.6514	.9858	.3108
171	27.91	37.47	11.48	.93	6.89	-8.81	.6981	.9935	.3215
172	30.53	38.03	21.62	5.28	9.56	.93	.9113	1.1915	.6531
173	30.86	38.37	18.08	3.79	9.11	-2.97	.8320	1.1558	.4912
174	30.75	39.82	16.16	1.91	7.43	-4.43	.7329	1.0309	.4403
175	29.40	40.72	11.65	1.40	8.53	-8.42	.7308	1.1115	.3242
176	32.79	41.19	17.85	2.61	7.71	-5.50	.7639	1.0513	.4059
177	35.18	42.56	28.17	3.15	7.53	-.89	.7823	1.0381	.5725
178	33.36	41.91	22.17	5.10	10.48	-1.69	.9162	1.2674	.5399
179	30.78	42.53	18.19	6.45	13.67	-1.46	1.0279	1.5633	.5490
180	33.08	42.87	19.34	7.19	13.38	.05	1.0606	1.5342	.6129
181	33.17	42.98	19.59	6.26	12.02	-1.43	.9908	1.4030	.5501
182	32.76	38.28	25.79	6.77	10.97	1.70	1.0051	1.3096	.6905
183	32.21	39.01	22.49	6.05	11.11	.24	.9634	1.3212	.6220
184	28.22	36.99	12.85	2.83	9.15	-7.03	.7917	1.1587	.3610
185	28.86	36.08	19.11	5.71	10.79	-1.65	.9529	1.2934	.5414
186	28.40	35.82	17.89	5.94	11.13	-.62	.9642	1.3234	.5837
187	27.21	37.76	15.03	3.61	9.69	-3.40	.8319	1.2843	.4758
188	29.18	37.94	18.46	4.78	10.86	-3.79	.9025	1.2996	.4619
189	27.73	40.18	13.73	5.30	12.86	-4.55	.9668	1.4828	.4361
190	30.42	39.83	14.37	6.56	13.19	-1.88	1.0342	1.5157	.5325
191	31.66	38.53	21.38	7.72	12.52	.83	1.0859	1.4505	.6493
192	28.92	38.44	15.43	6.86	13.13	-1.61	1.0443	1.5094	.5433
193	29.39	40.04	13.91	7.53	14.39	-1.32	1.1050	1.6381	.5549
194	29.74	39.47	18.27	7.20	13.35	.10	1.0638	1.5310	.6153

Table 5. Daily mean, maximum, and minimum air and dew-point temperatures and vapor pressure, measured by energy-budget station at Rogers Spring Site 2, 1994—Continued

Calendar day	Air temperature at 1.25 meters, in degrees Celsius			Dew-point temperature at 1.25 meters, in degrees Celsius			Vapor pressure at 1.25 meters, in kilopascals		
	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
195	30.32	39.18	15.46	6.99	13.39	-0.38	1.0537	1.5349	0.5943
196	30.47	38.64	18.99	7.41	13.39	-.27	1.0785	1.5355	.5990
197	30.48	38.20	18.81	6.68	11.50	-.56	1.0102	1.3560	.5865
198	31.30	39.17	22.95	9.15	14.42	4.14	1.1885	1.6418	.8209
199	31.59	37.12	24.35	11.10	14.68	6.00	1.3409	1.6695	.9345
200	29.06	36.24	21.68	11.95	16.53	7.04	1.4250	1.8795	1.0039
201	28.32	36.62	19.59	13.36	18.55	8.29	1.5702	2.1359	1.0931
202	29.48	37.03	18.48	12.59	18.10	6.89	1.5052	2.0761	.9937
203	30.96	38.04	22.57	11.11	15.88	6.81	1.3559	1.8035	.9884
204	30.43	38.47	17.69	9.88	15.17	3.79	1.2609	1.7234	.8014
205	31.06	38.60	22.32	8.84	14.58	1.85	1.1807	1.6588	.6986
206	30.27	39.79	16.17	6.08	12.62	-1.47	.9895	1.4598	.5490
207	29.12	40.35	14.59	5.60	12.63	-2.57	.9641	1.4610	.5057
208	30.71	40.96	15.26	6.43	12.93	-1.65	1.0174	1.4903	.5414
209	31.45	40.88	19.46	7.35	13.34	.83	1.0703	1.5302	.6484
210	32.37	39.23	21.55	9.41	13.64	3.51	1.2155	1.6987	.7856
211	32.64	38.61	27.18	9.75	13.72	5.00	1.2269	1.5688	.8722
212	31.39	38.68	22.68	6.51	11.46	1.64	.9969	1.3525	.6875
213	32.03	39.03	22.29	5.26	10.00	.42	.9128	1.2268	.6296
214	30.92	38.89	19.33	2.91	8.18	-3.42	.7785	1.0853	.4751
215	27.84	39.52	12.47	.45	7.78	-6.63	.6775	1.1936	.3723
216	27.33	39.36	12.46	-.91	7.28	-9.57	.6260	1.0207	.2963
217	30.78	41.05	14.67	.19	6.64	-8.74	.6602	.9765	.3163
218	33.29	42.58	19.35	4.25	10.08	-3.35	.8596	1.2333	.4774
219	32.51	40.69	18.25	5.53	10.69	-1.99	.9391	1.2852	.5281
220	32.03	36.06	27.84	6.53	10.19	3.20	.9817	1.2430	.7686
221	31.33	36.85	26.43	10.66	14.55	6.57	1.3023	1.6558	.9723
222	30.65	37.76	22.63	12.12	16.88	7.55	1.4429	1.9222	1.0394
223	31.81	39.77	23.13	11.82	16.79	6.20	1.4201	1.9102	.9475
224	32.86	38.27	25.88	11.81	15.92	6.44	1.4052	1.8079	.9632
225	31.32	39.01	25.22	12.55	17.36	8.92	1.4794	1.9816	1.1409
226	29.92	39.95	19.83	12.08	17.72	6.57	1.4602	2.0266	.9721
227	30.25	41.38	18.07	9.99	15.70	4.55	1.2697	1.7846	.8450
228	33.33	41.35	22.20	9.49	14.18	3.08	1.2220	1.6161	.7619
229	30.66	37.12	22.55	9.76	14.12	3.98	1.2346	1.6101	.8121
230	31.55	36.99	25.24	11.38	14.62	7.99	1.3600	1.6626	1.0716
231	31.02	37.65	21.69	10.97	15.50	5.92	1.3368	1.7598	.9295
232	30.80	38.47	18.94	10.22	15.29	4.94	1.2828	1.7357	.8685
233	30.26	36.84	21.85	5.38	10.37	.73	.9182	1.2581	.6440
234	28.09	35.12	20.86	2.67	8.14	-5.55	.7740	1.0819	.4044
235	24.50	36.44	12.44	-1.90	5.94	-10.13	.5790	.9305	.2833
236	26.75	38.53	12.02	-1.88	5.97	-10.14	.5739	.9325	.2832
237	30.51	38.40	20.38	.28	5.71	-6.02	.6456	.9160	.3902
238	29.98	38.19	18.25	2.12	6.47	-6.26	.7452	.9656	.3831
239	29.31	36.43	24.26	8.62	14.64	4.40	1.1468	1.6651	.8366
240	30.13	37.88	19.92	6.47	11.62	1.84	.9953	1.3665	.6973
241	27.36	37.03	13.72	1.91	8.30	-8.20	.7483	1.2828	.3299
242	23.80	36.74	9.31	-2.18	5.96	-11.03	.5726	.9320	.2640
243	25.57	35.66	11.01	-1.43	6.28	-10.34	.5925	.9530	.2789
244	27.24	35.07	17.47	-.49	5.33	-6.80	.6183	.8920	.3676

Table 5. Daily mean, maximum, and minimum air and dew-point temperatures and vapor pressure, measured by energy-budget station at Rogers Spring Site 2, 1994—Continued

Calendar day	Air temperature at 1.25 meters, in degrees Celsius			Dew-point temperature at 1.25 meters, in degrees Celsius			Vapor pressure at 1.25 meters, in kilopascals		
	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
245	27.33	34.50	15.79	-1.35	3.30	-8.03	0.5718	0.7740	0.3342
246	23.15	33.62	10.86	-3.03	4.08	-11.49	.5233	.8175	.2544
247	23.32	35.52	9.73	-.24	8.34	-9.73	.6605	1.0967	.2925
248	25.69	36.74	13.95	4.51	11.89	-3.92	.9027	1.3913	.4573
256	16.74	26.14	7.36	-3.30	4.11	-10.90	.5133	.8192	.2665
257	18.87	30.05	9.56	-1.75	6.07	-8.46	.5798	.9390	.3231
258	21.16	33.25	8.16	-1.71	6.51	-9.82	.5901	.9678	.2905
259	21.24	33.15	7.52	-2.30	4.57	-10.36	.5578	.9256	.2783
260	21.68	33.47	10.23	-2.01	5.91	-9.65	.5676	.9291	.2943
261	22.00	34.18	11.76	.01	8.01	-7.68	.6536	1.0727	.3433
262	22.00	30.47	13.68	2.48	9.42	-3.77	.7652	1.1804	.4626
263	23.87	32.40	14.77	5.55	11.81	-.59	.9443	1.3841	.5853
264	23.01	33.55	12.71	6.06	14.66	-2.40	1.0092	1.6670	.5122
265	22.03	34.69	9.17	6.35	15.36	-1.89	1.0395	1.7443	.5320
266	22.49	34.93	10.28	6.22	15.18	-2.52	1.0277	1.7244	.5076
267	24.44	32.35	16.34	9.33	15.95	3.77	1.2194	1.8114	.8000
268	21.33	33.60	10.58	7.09	16.31	-.43	1.0935	1.8535	.5919
269	21.43	35.18	9.05	3.75	12.33	-2.93	.8554	1.4326	.4924
270	23.39	35.07	9.05	3.67	11.20	-5.27	.8492	1.3292	.4129
271	25.20	32.35	13.49	6.85	12.42	-1.17	1.0186	1.4406	.4684
272	22.59	30.35	14.80	6.91	12.89	-.03	1.0263	1.4863	.6099
273	18.77	28.19	9.31	2.57	9.39	-4.71	.7743	1.1776	.4308
274	18.47	29.59	7.47	2.23	10.68	-5.63	.7796	1.2839	.4020
275	21.38	31.43	9.18	3.60	11.08	-4.54	.8395	1.3190	.4364
276	19.08	23.51	11.27	.14	3.78	-2.64	.6251	.8005	.5034
277	18.81	21.87	16.04	2.60	5.56	-.01	.7427	.9065	.6103
278	14.75	21.49	5.66	1.52	7.33	-6.01	.7076	1.0242	.3906
279	14.57	25.07	2.65	-.17	8.52	-8.89	.6600	1.1105	.3151
280	18.22	27.82	6.10	--	--	-7.49	--	--	.3484
281	19.21	28.62	7.66	-.20	6.71	-8.37	.6379	.9813	.3256
282	16.28	29.63	4.15	-2.75	6.80	-11.55	.5578	.9878	.2531
283	17.16	29.23	5.97	-2.93	6.00	-11.22	.5420	.9344	.2599
284	18.65	28.43	6.88	-1.43	6.05	-9.16	.5868	.9377	.3061
285	19.66	27.46	6.50	-1.13	5.36	-9.27	.5965	.8940	.3035
286	15.70	23.29	5.31	-1.68	5.24	-10.45	.5731	.8865	.2765
287	17.07	21.93	12.06	.83	5.74	-3.20	.6633	.9177	.4825
288	13.16	18.52	5.27	-2.49	1.76	-9.40	.5220	.6934	.3047
289	11.52	19.69	2.63	-4.41	2.02	-10.14	.4611	.7064	.2833
290	10.50	20.37	1.63	-3.45	4.71	-11.27	.5120	.8541	.2590
291	11.48	22.96	.86	-6.73	-.41	-10.62	.3841	.5932	.2726
292	11.90	24.29	2.08	-7.52	-1.12	-12.58	.3651	.5629	.2330
293	12.17	24.83	2.03	-3.80	3.90	-11.17	.4977	.8675	.2610
294	12.17	26.45	-.60	-7.41	-.96	-13.39	.3732	.5695	.2182
295	12.39	25.59	1.77	-8.36	-2.24	-14.18	.3438	.5182	.2046
296	14.27	25.75	.37	-8.22	-2.45	-15.30	.3471	.5110	.1865
297	15.77	26.70	6.14	-7.96	-3.32	-12.33	.3437	.4782	.2378
298	14.57	27.16	4.95	-2.75	7.15	-13.37	.5739	1.0113	.2186
299	14.38	27.16	3.59	-2.43	6.71	-9.67	.5598	.9816	.2947
300	14.47	27.04	3.92	-3.14	6.03	-9.48	.5265	.9365	.2984
301	13.20	26.26	3.56	-3.66	5.33	-9.95	.5083	.8920	.2875

Table 5. Daily mean, maximum, and minimum air and dew-point temperatures and vapor pressure, measured by energy-budget station at Rogers Spring Site 2, 1994—Continued

Calendar day	Air temperature at 1.25 meters, in degrees Celsius			Dew-point temperature at 1.25 meters, in degrees Celsius			Vapor pressure at 1.25 meters, in kilopascals		
	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
302	14.18	25.64	2.60	-3.92	4.66	-11.47	0.4981	0.8516	0.2547
303	13.50	23.18	3.61	-5.88	1.37	-14.25	.4207	.6742	.2034
304	10.72	24.68	-.90	-9.54	-.69	-15.67	.3277	.5810	.1810
305	15.31	25.82	1.08	-7.63	-.87	-17.00	.3772	.5735	.1618
306	14.13	18.14	8.19	-4.03	-.84	-7.38	.4580	.5745	.3514
307	7.36	12.27	1.79	-7.37	-3.30	-12.98	.3594	.4792	.2256
308	4.60	12.94	-2.06	-11.10	-4.62	-16.40	.2766	.4338	.1702
309	8.26	18.25	-.49	-9.85	-3.32	-14.85	.3050	.4784	.1937
310	12.31	22.85	1.76	-7.64	-1.31	-13.51	.3628	.5551	.2162
311	10.32	19.06	2.93	-8.83	-3.16	-13.88	.3248	.4842	.2097
312	10.29	18.87	3.48	-4.86	2.73	-12.12	.4601	.7432	.2420
313	12.64	20.07	2.69	-2.01	4.04	-9.05	.5516	.8152	.3085
314	10.03	15.11	2.00	-1.95	1.93	-6.62	.5360	.7021	.3728
315	5.44	12.98	-3.44	-4.06	2.99	-11.04	.4745	.7572	.2637
316	5.07	14.42	-3.55	-4.24	3.73	-10.63	.4766	.7974	.2726
317	7.45	13.08	3.09	-4.60	.56	-8.19	.4452	.6362	.3300
318	5.17	13.50	-3.70	-7.70	-1.15	-15.00	.3603	.5617	.1912
319	5.23	15.24	-8.20	2.58	18.16	-17.93	1.0106	2.0846	.1497
320	9.31	14.18	-1.31	10.24	17.95	-.71	1.3057	2.0559	.5815

Table 6. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 2, 1994

Calendar day	Net radiation, in watts per square meter		Air temperature at 1.25 meters, in degrees Celsius			Humidity at 1.25 meters, in degrees Celsius			Windspeed at 1.25 meters, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
1	15.8	208.5	3.85	13.68	-2.74	53.2	72.6	26.4	0.64	1.03	0.23
2	28.6	280.9	5.57	18.19	-4.14	51.6	81.6	21.1	.79	1.33	.30
3	33.3	279.4	5.32	18.30	-4.78	48.8	76.4	18.9	.63	1.09	.20
4	32.3	243.9	7.25	16.28	.02	46.4	69.4	22.6	.62	1.05	.31
5	23.9	272.6	9.75	20.09	-.19	36.8	75.6	17.7	1.82	4.69	.44
6	11.7	275.4	6.36	13.54	.56	33.7	52.7	19.0	1.82	3.43	.81
7	21.9	249.5	2.82	11.49	-6.13	46.9	79.5	20.8	.76	1.37	.31
8	24.9	289.6	.66	12.89	-7.08	48.7	75.0	18.0	.72	1.33	.29
9	13.5	217.7	2.64	15.07	-7.44	47.5	67.9	25.9	1.07	2.86	.44
10	26.2	300.6	6.26	15.11	-3.21	47.3	80.4	23.8	1.51	3.23	.54
11	24.9	286.7	4.64	15.58	-6.32	48.7	80.5	21.4	.97	2.27	.31
12	27.7	293.0	8.61	18.52	-.53	38.3	66.7	18.0	1.42	3.60	.46
13	33.6	280.3	10.15	21.40	-1.29	42.6	63.7	23.2	1.51	3.16	.46
14	21.7	245.1	11.69	20.46	4.32	44.4	63.3	23.8	1.53	2.68	.44
15	34.5	296.8	8.14	19.95	.23	52.2	79.7	24.4	.68	1.24	.30
16	27.0	282.5	7.98	21.84	-2.51	40.8	72.9	12.2	1.13	2.11	.57
17	31.4	281.2	9.81	22.42	2.24	33.1	53.6	14.3	1.24	2.68	.41
18	28.2	277.6	10.38	24.85	-.71	34.3	72.1	9.4	.96	2.12	.23
19	29.0	274.2	7.03	22.33	-3.11	36.0	65.8	11.6	.69	1.45	.22
20	31.1	281.6	6.48	21.67	-3.89	37.1	62.8	12.7	.62	.96	.22
21	37.8	295.8	7.45	21.71	-3.50	36.7	60.2	13.2	.58	1.19	.35
22	31.3	281.2	8.00	21.17	.24	36.9	57.8	14.2	.60	1.09	.26
23	-2.2	114.0	9.38	17.22	-1.59	45.7	68.6	23.9	2.03	4.56	.36
24	30.1	299.7	11.62	18.01	2.54	50.8	85.0	23.9	2.42	4.16	.34
25	26.5	326.3	5.60	9.62	-.27	80.4	94.1	49.4	1.85	3.27	.45
26	63.8	352.7	3.66	14.27	-3.59	70.0	95.2	27.9	1.34	3.87	.41
27	45.4	292.4	5.42	12.71	-.82	54.6	85.7	27.6	1.49	2.75	.39
28	32.3	325.0	6.28	14.20	-.21	48.7	67.8	28.9	2.10	2.87	.91
29	33.5	329.0	7.34	16.42	1.46	41.5	60.0	20.7	2.29	4.12	.39
30	36.1	379.0	7.49	17.09	-3.33	37.6	71.3	20.9	2.31	4.70	.67
31	25.9	332.2	3.98	9.68	-0.05	29.4	40.3	16.1	2.44	4.01	.83
32	11.8	235.1	2.90	10.00	-2.13	30.6	50.2	14.8	1.46	2.97	.47
33	44.2	318.3	2.62	11.75	-8.72	40.4	77.3	13.3	.72	1.28	.22
34	42.2	303.0	5.83	14.10	-3.86	39.5	92.2	14.0	.97	2.45	.26
35	34.5	215.4	4.83	8.10	.91	86.6	94.8	71.9	.87	2.01	.26
36	58.1	340.2	5.75	11.51	-1.24	76.9	96.3	49.2	.62	1.30	.22
37	54.2	322.4	8.95	14.18	4.54	68.2	90.7	45.4	.98	2.43	.23
38	35.6	217.1	9.63	12.57	7.13	79.7	91.6	58.0	2.53	4.67	.44
39	47.8	391.5	9.39	15.18	4.34	67.6	88.4	42.4	2.46	4.79	.55
40	54.2	375.7	7.14	16.14	.11	54.9	86.5	17.9	1.40	2.64	.43

Table 6. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 1.25 meters, in degrees Celsius			Humidity at 1.25 meters, in degrees Celsius			Windspeed at 1.25 meters, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
41	56.7	386.0	9.15	18.59	-1.31	51.6	91.2	18.9	2.43	4.59	0.41
42	50.8	395.6	7.22	11.89	-.30	35.2	58.6	20.6	4.15	7.24	1.27
43	46.7	388.1	4.11	13.26	-4.31	34.1	68.9	13.9	1.78	3.23	.52
44	47.5	330.0	2.64	14.48	-7.94	51.2	88.9	15.5	.83	1.99	.31
45	62.1	384.8	5.59	18.47	-4.00	45.8	79.8	9.9	.75	1.22	.42
46	38.3	352.8	4.57	16.64	-6.32	49.0	81.6	16.8	.60	1.11	.27
47	41.6	259.0	9.84	17.68	1.32	41.0	69.9	19.8	1.03	2.09	.30
48	21.0	261.3	1.11	14.44	6.27	49.6	79.0	29.6	3.59	6.16	.63
49	56.9	474.9	7.91	13.69	4.15	43.6	59.7	22.3	.16	4.22	1.81
50	84.3	461.7	6.48	12.45	-.86	51.6	81.9	32.2	1.81	3.18	.54
51	43.2	377.1	7.42	10.81	.17	55.4	84.8	44.6	2.58	5.30	.26
52	79.2	476.7	4.72	13.95	-3.78	64.9	92.6	32.2	.92	1.88	.45
53	90.4	479.8	5.37	14.79	-4.42	51.0	90.6	22.1	2.11	5.29	.36
54	80.2	450.7	5.53	15.14	-3.77	41.0	68.7	19.0	1.00	1.51	.35
55	80.4	414.6	6.83	19.79	-4.07	44.6	76.9	15.4	.74	1.11	.22
56	79.4	415.2	9.66	22.70	-2.50	39.7	71.3	13.6	.95	2.54	.43
57	55.8	380.0	4.65	21.87	6.16	30.6	45.7	22.9	1.93	4.71	.49
58	73.5	415.2	2.66	21.86	1.03	44.4	83.0	24.0	1.43	3.37	.34
59	67.0	429.1	3.95	21.94	3.52	30.8	61.6	14.4	1.93	3.16	.56
60	76.6	428.5	4.76	24.21	4.46	33.5	62.8	16.7	2.04	4.49	.36
61	85.4	422.8	12.89	26.43	.76	43.5	78.1	15.8	.67	1.50	.38
62	83.9	421.3	13.61	26.99	2.33	39.4	66.6	14.4	.80	1.27	.29
63	83.5	419.5	13.97	26.66	2.24	38.0	65.7	14.3	.83	1.46	.48
64	52.7	378.2	14.61	22.37	3.52	38.6	67.8	22.7	1.63	3.26	.41
65	49.7	442.1	15.56	23.43	8.68	44.6	64.6	25.3	1.54	4.23	.43
66	66.0	452.6	15.71	24.39	7.79	43.2	63.9	19.6	1.74	3.24	.39
67	83.8	438.6	13.29	25.03	2.09	37.6	76.8	9.8	1.19	2.40	.64
68	84.1	418.1	12.48	24.76	.73	32.7	65.5	8.9	.81	1.25	.27
69	72.9	406.7	16.28	24.99	4.72	27.7	51.8	11.9	2.11	4.34	.51
70	31.6	285.5	13.97	19.45	7.72	35.8	51.0	23.0	2.67	5.02	.76
71	89.4	470.2	16.44	24.51	8.81	26.1	40.4	13.7	2.96	4.00	1.46
72	85.3	463.6	17.10	27.83	5.93	20.0	36.8	6.0	1.89	3.34	.56
73	95.0	449.7	15.52	29.73	1.44	27.0	56.4	8.4	.72	1.22	.20
74	65.7	425.0	19.91	30.40	4.25	20.3	53.3	8.6	1.80	4.22	.50
75	46.1	472.7	22.07	27.82	18.76	14.2	19.6	7.8	3.87	5.15	2.07
76	92.8	456.0	19.50	26.19	10.71	20.1	47.3	9.3	1.33	3.45	.34
77	102.4	492.0	19.75	24.81	15.00	28.5	50.5	16.8	4.04	6.53	.94
78	69.8	480.4	15.86	20.27	10.06	50.8	74.2	40.5	3.74	6.24	.67
79	117.8	511.0	13.63	22.16	6.58	53.5	91.2	22.3	1.01	1.89	.20
80	111.9	515.7	15.60	23.37	3.73	44.0	71.6	29.0	2.44	4.66	.47

Table 6. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 1.25 meters, in degrees Celsius			Humidity at 1.25 meters, in degrees Celsius			Windspeed at 1.25 meters, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
81	101.6	522.4	13.65	18.21	2.79	30.7	48.9	12.9	4.42	8.20	0.60
82	107.1	514.8	10.44	17.68	.39	24.6	55.0	11.0	1.57	2.49	.50
83	80.5	445.3	13.10	18.98	8.95	36.6	52.1	19.9	1.92	4.62	.54
84	116.0	586.7	9.90	16.01	5.25	57.7	91.1	25.3	2.25	4.07	.65
85	111.8	522.5	12.66	22.36	1.03	44.9	85.4	17.0	1.74	3.57	.50
86	108.7	505.6	15.47	25.94	5.17	24.8	54.0	7.0	1.59	3.09	.56
87	100.4	502.5	16.17	26.10	1.92	26.6	60.3	12.2	1.75	4.10	.48
88	112.1	483.3	16.59	27.45	4.46	28.4	64.8	10.7	0.97	1.69	.20
89	111.1	494.1	18.73	28.36	8.35	25.5	54.8	10.6	1.08	1.99	.48
90	118.1	521.4	18.07	28.69	5.26	27.5	61.9	11.2	1.74	4.06	.43
91	122.2	530.4	16.70	27.07	2.53	30.2	76.5	9.6	2.09	5.33	.35
92	105.2	488.9	18.42	27.54	6.17	24.7	58.7	10.2	1.05	2.30	.42
93	69.3	443.6	20.18	25.67	12.38	26.5	48.6	16.7	3.30	5.58	1.02
94	118.0	560.7	16.01	24.20	5.22	26.8	67.1	6.5	2.99	6.05	.69
95	121.9	539.0	14.21	23.11	3.94	22.7	40.3	9.5	1.19	2.48	.44
96	83.3	536.2	15.85	24.01	4.77	25.5	49.5	15.2	1.65	3.34	.28
97	119.2	507.0	16.21	24.15	3.13	31.3	78.1	13.2	1.15	1.86	.39
98	88.1	499.9	15.86	21.33	10.79	34.0	48.7	23.4	2.36	4.14	.89
99	93.7	511.5	12.67	18.91	6.50	42.8	60.0	27.7	1.57	3.14	.56
100	115.0	564.2	14.96	22.82	6.63	30.8	54.9	12.6	3.32	5.14	1.76
101	127.9	524.7	15.79	25.92	4.95	34.8	61.3	16.8	1.28	2.80	.24
102	119.3	477.1	17.17	27.96	4.84	30.0	56.0	13.2	.96	1.79	.46
103	125.9	521.1	18.96	29.81	4.58	23.5	58.2	10.4	1.25	2.34	.35
104	105.8	464.4	20.10	31.15	7.26	29.1	68.9	9.8	1.38	3.54	.33
105	123.2	518.9	22.37	31.47	12.43	21.7	49.5	10.6	1.69	3.64	.20
106	108.7	455.3	21.94	33.09	9.04	24.8	47.3	9.4	.88	1.85	.26
107	106.7	477.6	23.59	33.88	13.36	20.2	39.6	9.6	1.40	3.76	.23
108	122.4	529.1	22.69	34.22	12.01	24.6	43.7	10.1	.95	2.14	.22
109	134.2	517.5	22.82	34.88	9.80	27.3	51.8	11.6	.85	1.98	.20
110	138.1	531.6	23.87	35.29	11.28	24.5	49.1	9.2	1.30	3.62	.22
111	129.7	553.1	24.87	31.76	17.51	19.1	28.8	8.0	3.13	5.66	.80
112	128.7	545.8	21.42	27.61	13.21	21.6	40.7	12.2	2.94	5.36	.91
113	110.2	512.3	18.26	23.66	11.64	25.8	44.5	11.8	5.70	7.54	.78
114	113.1	529.6	11.40	16.87	5.29	43.9	75.4	25.1	2.89	5.80	.27
115	110.6	572.7	12.37	19.60	6.23	41.0	58.5	20.5	3.25	5.27	.98
116	106.3	582.3	10.28	18.56	3.93	58.0	91.5	24.3	1.36	3.97	.32
117	111.4	605.4	11.16	17.28	6.41	74.6	97.1	44.3	1.18	2.22	.26
118	130.1	583.5	12.68	18.88	6.92	64.3	96.0	32.7	1.13	3.44	.28
119	161.5	590.4	14.59	24.27	3.18	48.6	92.6	17.0	.93	2.21	.33
120	110.5	512.6	17.63	24.51	9.77	40.4	72.7	24.0	1.61	3.67	.37

Table 6. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 1.25 meters, in degrees Celsius			Humidity at 1.25 meters, in degrees Celsius			Windspeed at 1.25 meters, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
121	146.6	566.9	17.76	27.51	8.40	41.3	72.9	16.5	0.97	2.23	0.47
122	141.2	523.0	19.75	29.10	7.52	32.7	71.8	14.5	1.24	2.99	.21
123	131.5	557.8	20.41	29.40	8.91	29.8	65.1	13.9	1.12	1.94	.33
124	157.1	585.3	23.63	31.94	11.74	26.9	44.5	15.6	2.25	4.60	.29
125	133.6	561.8	24.32	30.67	18.52	21.7	32.8	12.4	3.11	4.30	.59
126	162.5	598.8	17.85	23.39	12.67	34.7	52.7	20.6	3.36	5.14	1.50
127	127.0	564.7	15.61	21.14	8.81	43.4	65.7	27.0	2.05	2.98	.90
128	93.8	427.3	16.76	22.23	11.06	47.2	75.0	27.9	1.97	3.23	.22
129	97.1	424.7	19.72	29.43	8.65	40.9	75.9	18.4	1.42	3.78	.71
130	145.7	571.8	22.49	31.98	8.94	36.5	73.7	18.6	.99	1.92	.20
131	144.1	564.2	26.51	35.03	16.07	32.3	60.1	17.3	1.30	3.45	.20
132	157.3	555.0	25.53	33.24	12.47	35.6	68.0	22.4	1.82	4.18	.22
133	160.6	560.3	24.77	34.31	12.80	42.6	87.0	19.8	.71	1.53	.23
134	152.1	557.4	26.03	34.98	11.44	29.6	69.9	13.7	1.96	4.42	.20
135	141.6	595.8	26.46	31.84	21.15	17.2	26.3	7.5	5.42	7.17	2.51
136	156.6	597.9	19.08	24.70	9.61	33.1	60.4	14.5	4.62	6.54	.59
137	143.0	589.4	15.87	21.61	10.42	33.9	49.1	22.7	3.29	4.44	1.59
138	161.5	592.9	15.04	21.13	8.70	39.4	57.7	21.7	2.89	4.26	1.07
139	151.4	558.8	15.03	23.40	7.52	44.6	71.1	20.8	1.31	2.34	.29
140	156.7	566.3	16.24	26.53	4.35	36.7	72.7	12.6	.75	1.68	.21
141	156.7	564.1	18.84	30.14	4.56	22.7	49.2	8.2	1.12	2.81	.23
142	158.1	567.0	21.00	31.99	7.12	22.1	46.9	9.0	1.20	2.87	.21
143	162.5	573.7	22.93	34.22	9.84	28.0	57.8	10.9	.73	1.92	.27
144	127.9	521.1	24.70	34.54	11.16	25.3	49.3	10.2	1.10	2.98	.20
145	140.1	610.2	26.07	33.32	17.46	34.4	58.3	18.8	1.95	3.25	.25
146	158.6	568.6	25.79	32.62	14.42	39.2	75.3	23.0	1.98	3.86	.24
147	105.9	497.9	26.70	31.66	20.42	21.1	30.7	13.5	3.10	4.42	1.20
148	157.8	560.6	26.43	34.24	17.73	19.6	37.4	9.6	1.35	2.02	.25
149	158.8	564.6	26.13	36.02	11.06	17.1	55.4	5.0	1.48	2.99	.26
150	109.1	597.4	26.92	35.57	15.82	26.3	78.0	9.0	1.76	3.62	.29
151	175.8	578.1	23.22	32.21	15.39	50.3	88.5	20.4	.90	1.75	.20
152	168.2	568.2	24.74	35.81	12.47	36.9	65.8	13.0	.51	1.30	.20
153	163.4	574.4	27.10	37.14	12.32	24.6	62.7	11.9	1.13	2.78	.20
154	129.4	481.3	26.97	35.17	13.55	18.4	50.0	4.1	2.41	3.65	.46
155	157.3	568.2	25.02	34.55	9.93	20.4	53.7	10.2	1.03	1.65	.40
156	166.3	592.2	26.60	34.33	15.74	20.3	37.0	9.6	2.38	4.24	.54
157	137.7	526.2	24.52	31.58	18.68	25.6	46.7	9.8	3.39	5.19	1.00
158	161.8	561.4	22.45	32.72	9.29	28.8	65.4	9.3	.85	1.82	.20
159	163.4	558.7	25.19	35.46	14.54	20.5	59.2	8.3	.99	2.91	.20
160	159.8	558.8	25.64	39.02	9.72	25.0	65.6	6.1	.45	1.01	.20

Table 6. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 1.25 meters, in degrees Celsius			Humidity at 1.25 meters, in degrees Celsius			Windspeed at 1.25 meters, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
161	170.1	560.8	28.02	40.36	12.13	19.6	43.9	7.5	0.73	1.80	0.20
162	168.6	565.4	29.87	39.78	15.56	20.6	53.9	10.3	1.24	2.79	.20
163	166.7	579.0	31.23	38.52	22.69	18.5	33.8	11.6	1.67	3.31	.20
164	151.4	600.2	30.73	36.80	22.08	17.8	33.8	6.9	2.84	4.62	.47
165	172.8	580.0	29.45	36.00	23.27	23.0	34.7	15.0	3.39	4.68	1.74
166	163.7	589.2	26.11	32.89	19.84	20.4	36.8	9.3	3.69	5.49	1.31
167	164.5	578.2	23.98	31.98	13.40	21.4	45.4	7.9	1.99	3.83	.54
168	168.7	588.7	27.50	35.12	14.91	15.7	41.5	6.9	2.52	4.44	.84
169	172.8	589.3	27.67	35.92	18.42	18.2	36.9	8.9	1.81	3.96	.53
170	173.9	576.3	27.29	37.42	11.28	20.9	63.0	8.1	1.23	3.38	.20
171	173.6	583.3	28.34	37.62	11.62	22.3	59.1	9.0	1.66	3.06	.20
172	169.7	574.0	31.08	38.47	22.42	22.6	44.1	10.5	1.58	2.56	.27
173	170.9	583.0	31.40	38.74	19.39	16.3	37.0	9.6	1.77	3.48	.30
174	168.1	584.7	31.39	40.13	18.56	13.8	40.9	5.7	1.68	3.30	.20
175	173.1	567.9	29.88	40.70	11.93	22.9	68.1	9.2	.97	2.53	.20
176	168.3	585.7	33.36	41.35	18.02	13.3	39.5	5.7	2.51	4.06	.22
177	163.9	579.4	35.66	42.76	29.00	10.9	16.7	7.5	3.03	5.07	1.22
178	152.3	561.7	34.26	42.51	24.34	20.1	39.7	10.7	1.08	2.74	.20
179	176.5	557.9	31.69	43.36	18.48	27.4	56.0	8.8	.82	3.17	.20
180	174.6	554.3	33.91	43.66	19.11	21.1	51.7	8.2	1.05	3.29	.20
181	160.4	560.1	34.03	43.61	19.88	19.1	50.6	8.2	1.27	3.12	.20
182	101.7	438.2	33.45	39.20	25.89	20.8	43.6	15.1	2.12	4.32	.37
183	165.4	571.5	32.90	39.82	23.02	16.2	43.1	5.7	2.53	4.07	.65
184	168.8	565.2	28.93	37.80	13.13	22.6	62.5	10.0	1.28	2.32	.33
185	174.4	579.0	29.52	36.80	19.37	27.1	47.6	15.3	1.86	3.80	.71
186	172.6	583.5	29.02	36.51	18.60	23.7	45.4	8.9	2.29	3.70	.68
187	173.5	575.2	27.91	38.62	15.21	23.0	52.8	5.8	1.13	2.12	.39
188	172.1	576.4	29.97	39.21	18.40	19.3	63.8	8.7	1.29	3.25	.24
189	174.6	571.4	28.75	41.34	14.45	23.4	53.0	7.5	.49	.68	.20
190	175.6	589.7	31.24	40.51	15.58	17.9	57.3	7.7	1.38	2.81	.20
191	175.2	591.4	32.38	39.23	21.71	16.0	29.6	8.9	2.17	3.57	.59
192	174.9	571.9	29.80	39.24	15.89	22.6	53.2	10.7	.97	1.67	.46
193	173.9	566.6	30.14	41.01	14.39	26.0	66.7	10.6	.86	1.89	.34
194	174.0	575.1	30.57	40.34	20.11	19.9	43.2	7.2	1.20	2.71	.37
195	168.2	594.0	31.10	40.12	17.62	20.5	56.6	8.6	1.48	3.41	.31
196	176.6	580.7	31.20	39.36	19.83	20.3	39.4	10.6	1.56	3.04	.40
197	162.2	573.2	31.27	39.09	18.53	17.1	36.7	6.6	1.59	2.83	.54
198	150.8	583.4	32.09	39.77	23.89	25.3	50.2	14.0	.89	2.30	.28
199	162.5	538.9	32.25	37.80	25.32	26.2	43.5	18.4	2.48	7.39	.43
200	162.5	549.4	29.77	36.95	22.09	39.0	69.0	22.0	1.50	4.64	.30

Table 6. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 1.25 meters, in degrees Celsius			Humidity at 1.25 meters, in degrees Celsius			Windspeed at 1.25 meters, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
201	156.5	531.2	29.06	37.42	20.03	44.8	83.1	22.8	1.20	2.55	0.61
202	167.5	558.9	30.25	37.65	19.21	36.1	71.1	20.9	1.26	3.01	.20
203	182.3	593.2	31.67	38.73	23.29	25.2	40.4	15.0	1.43	2.62	.65
204	186.3	597.0	31.23	39.17	19.21	26.7	63.7	14.2	1.31	3.28	.35
205	178.0	590.7	31.78	39.32	22.97	20.3	40.1	9.6	1.39	2.40	.47
206	173.1	582.8	31.02	40.85	16.83	18.1	49.6	8.3	.99	2.07	.50
207	167.2	588.5	29.99	41.53	15.08	23.9	58.9	9.4	.78	1.80	.31
208	178.6	584.4	31.44	41.64	15.61	23.2	64.9	10.0	1.01	2.30	.37
209	175.9	584.3	32.36	41.66	20.33	23.1	48.0	12.1	1.05	2.94	.20
210	153.9	549.1	33.09	39.96	22.36	27.2	47.8	18.3	1.62	2.94	.41
211	174.7	578.7	33.32	39.31	27.81	24.4	38.8	16.1	2.02	3.49	.80
212	174.1	586.3	32.10	39.34	23.17	20.0	34.7	11.3	1.71	3.25	.60
213	173.1	587.1	32.74	39.69	22.51	16.7	32.4	10.2	1.94	3.20	.67
214	169.6	585.4	31.67	39.60	19.68	14.4	29.4	7.1	1.47	2.62	.68
215	173.7	572.3	28.63	40.13	13.05	20.9	62.7	5.6	1.02	3.24	.25
216	173.1	580.6	28.04	39.97	12.01	17.6	49.0	5.9	1.20	2.93	.44
217	168.0	589.7	31.38	41.64	15.64	17.6	41.2	8.4	1.87	4.28	.45
218	168.7	567.7	34.07	43.10	19.68	19.1	46.9	10.7	1.05	2.40	.32
219	161.3	571.3	33.27	41.37	18.25	22.8	60.5	11.8	1.72	3.95	.20
220	115.3	493.9	32.62	36.75	28.77	23.7	34.6	18.7	3.45	5.43	1.58
221	152.9	576.6	31.91	37.61	27.17	34.4	44.8	24.7	2.83	3.92	1.68
222	151.4	586.2	31.42	38.48	23.34	38.3	65.4	21.3	1.19	2.69	.50
223	172.2	575.5	32.65	40.56	24.32	31.9	49.4	19.2	1.00	2.47	.22
224	156.6	568.8	33.52	39.08	27.39	28.9	46.9	21.4	2.22	4.41	.65
225	157.8	561.4	32.07	40.00	26.27	35.7	47.3	22.4	1.29	3.31	.47
226	171.9	557.6	30.78	40.97	20.14	40.3	72.4	18.4	.53	.79	.20
227	171.6	555.2	31.28	42.43	18.41	34.8	72.3	14.0	.53	.77	.20
228	166.3	566.7	34.11	42.18	22.19	23.8	44.9	12.7	1.79	3.51	.37
229	142.8	580.0	31.31	37.71	22.98	31.5	45.3	21.5	2.59	5.66	.61
230	148.9	544.6	32.20	37.72	25.77	31.3	50.1	19.8	1.94	3.15	.46
231	159.8	548.1	31.75	38.40	22.28	32.9	58.0	21.3	1.59	3.26	.38
232	161.3	557.9	31.55	39.11	19.78	30.5	66.5	16.9	1.64	3.56	.21
233	155.7	564.6	30.89	37.48	22.68	15.5	30.2	5.0	3.09	4.85	.94
234	151.8	560.9	28.74	35.66	22.00	15.1	27.9	5.4	2.40	3.71	.71
235	158.2	551.1	25.22	36.99	12.59	17.2	36.8	5.7	1.35	2.97	.36
236	159.2	552.2	27.31	39.04	12.15	18.1	45.7	6.0	1.46	3.07	.47
237	154.9	559.8	31.17	38.95	20.58	12.6	30.3	7.5	2.24	4.26	.38
238	145.8	546.4	30.52	38.72	19.03	20.8	35.9	9.2	2.19	4.26	.52
239	135.8	535.4	29.94	37.04	24.67	34.4	61.6	16.2	1.75	3.15	.70
240	154.7	545.6	30.79	38.58	19.90	21.7	42.1	12.5	1.81	3.44	.68

Table 6. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 1.25 meters, in degrees Celsius			Humidity at 1.25 meters, in degrees Celsius			Windspeed at 1.25 meters, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
241	152.5	543.9	28.16	37.66	14.40	18.2	48.3	5.9	1.50	2.50	0.41
242	152.9	538.6	24.42	37.19	9.49	23.4	64.6	5.8	1.18	3.04	.41
243	137.6	546.0	26.22	36.16	11.24	18.5	53.2	7.1	1.74	3.65	.36
244	147.5	539.8	27.76	35.59	18.29	16.8	32.7	8.1	2.37	3.97	.66
245	134.0	511.5	27.85	35.16	16.34	14.5	31.9	4.9	3.02	5.12	.60
246	146.1	527.8	23.88	34.16	11.68	22.2	48.1	9.5	1.28	2.72	.46
247	149.2	518.6	24.04	36.05	9.95	31.6	61.7	14.9	.91	2.02	.30
248	150.6	519.5	26.36	37.35	14.09	38.0	68.7	18.5	.93	2.19	.30
249	-9.0	-7.9	20.21	21.37	17.70	51.3	62.9	43.3	.53	.65	.43
255	190.3	525.7	23.22	27.44	16.48	23.0	50.7	11.8	3.76	5.67	1.63
256	131.2	497.0	17.34	27.17	7.90	39.7	63.2	16.7	1.17	2.02	.41
257	132.7	493.1	19.54	31.08	9.18	33.6	59.6	13.4	.94	1.70	.38
258	134.5	494.5	21.82	33.99	8.33	26.6	53.6	9.8	1.05	3.09	.32
259	112.8	489.8	21.80	33.84	7.81	30.6	60.6	10.7	.88	2.13	.31
260	109.4	437.1	22.20	34.25	10.93	24.5	46.5	10.9	1.11	3.58	.37
261	104.1	435.5	22.69	35.07	11.81	32.4	58.3	13.9	.70	1.35	.36
262	89.5	495.8	22.41	30.78	13.55	40.1	62.8	25.0	1.69	3.06	.45
263	122.9	519.6	24.46	33.02	15.02	37.9	62.8	22.7	1.53	2.45	.56
264	129.4	480.1	23.74	34.34	13.53	35.4	61.6	13.2	.98	2.31	.30
265	123.2	472.0	22.80	35.44	9.61	33.2	68.1	13.7	.74	1.38	.41
266	125.7	466.4	23.21	35.79	10.55	27.9	46.0	12.0	.79	1.38	.27
267	98.7	442.8	25.16	32.79	17.36	35.5	57.0	20.7	1.27	2.95	.37
268	124.9	467.3	22.03	34.33	11.18	35.8	64.8	14.4	.96	2.25	.36
269	117.7	460.6	22.11	35.96	9.24	29.9	55.2	12.9	.74	1.25	.39
270	113.6	453.2	23.94	35.63	9.14	31.0	64.4	14.0	1.27	3.41	.37
271	73.7	320.7	25.80	33.30	14.04	37.3	61.9	24.4	1.35	2.88	.45
272	57.2	279.7	23.16	30.99	15.91	47.0	84.3	13.0	2.46	5.62	.76
273	86.2	407.7	19.33	28.95	9.99	41.1	61.0	18.6	1.56	2.89	.51
274	79.9	394.4	18.98	30.54	7.55	43.5	70.7	19.3	.84	1.73	.27
275	69.7	392.7	22.01	32.15	9.35	33.8	69.6	17.1	1.21	3.38	.40
276	1.5	159.2	19.57	24.17	11.77	36.0	60.5	15.3	1.56	3.52	.35
277	43.8	297.4	19.20	22.30	16.36	43.3	54.6	31.4	3.68	4.89	2.10
278	66.6	409.6	15.26	22.19	6.31	53.4	79.8	31.0	2.21	4.69	.33
279	74.0	391.9	15.12	25.79	3.10	45.2	79.4	20.5	.93	1.60	.39
280	63.9	393.8	18.65	28.31	7.04	31.5	63.2	13.6	1.49	2.61	.56
281	57.5	379.0	19.83	29.36	8.61	29.4	59.6	13.9	1.64	3.51	.46
282	66.4	374.2	16.92	30.53	4.20	33.7	62.2	12.0	.81	1.94	.41
283	65.0	372.1	17.75	29.69	6.04	30.1	50.1	14.3	1.32	3.82	.39
284	56.3	365.2	19.42	29.66	7.27	29.9	61.0	13.6	1.10	2.07	.35
285	55.4	385.1	20.05	27.93	6.89	27.1	55.2	13.7	3.17	5.28	.46

Table 6. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 1.25 meters, in degrees Celsius			Humidity at 1.25 meters, in degrees Celsius			Windspeed at 1.25 meters, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
286	52.1	370.8	16.16	24.11	5.76	37.0	69.8	17.3	1.56	2.69	0.52
287	35.5	313.2	17.55	22.51	12.49	41.2	53.7	32.4	1.84	3.11	.71
288	48.9	343.4	13.49	18.73	5.83	37.7	60.5	20.8	2.72	4.79	.77
289	50.8	358.3	11.87	20.28	2.97	36.4	55.2	20.2	1.71	2.89	.44
290	56.0	354.6	11.03	21.23	1.94	42.8	64.1	22.2	.93	2.19	.23
291	56.7	352.8	12.02	23.51	1.68	38.0	63.5	19.0	.94	1.84	.45
292	53.7	343.7	12.48	25.03	2.66	35.4	58.1	15.9	.87	1.70	.35
293	51.2	334.9	12.80	25.67	2.17	33.6	50.3	16.3	.78	1.36	.39
294	51.5	334.0	12.73	27.17	.27	34.7	65.6	13.9	.75	1.41	.33
295	36.0	261.0	12.99	26.60	2.10	33.8	62.3	13.6	.66	1.35	.31
296	48.0	281.2	14.72	26.26	1.25	30.5	56.1	14.7	.87	1.73	.30
297	51.9	322.7	16.28	27.30	6.30	33.5	52.5	16.2	.87	1.56	.35
298	50.7	324.3	15.28	28.20	4.96	39.2	59.9	17.2	.77	1.43	.28
299	46.8	319.0	14.99	28.15	4.66	37.4	55.8	17.2	.79	1.31	.32
300	42.8	348.1	15.12	27.56	4.78	35.9	52.4	18.3	.74	1.78	.36
301	45.3	319.1	13.85	27.16	3.90	39.3	69.2	16.0	.78	1.45	.31
302	40.9	316.7	14.61	26.38	2.78	32.9	57.0	18.0	1.37	2.71	.48
303	30.7	317.7	14.04	24.15	4.23	23.9	44.9	11.9	1.53	2.67	.47
304	37.2	306.0	11.33	25.76	-.07	24.2	62.3	4.7	.75	1.65	.37
305	23.1	288.0	15.63	26.14	1.43	19.0	32.3	10.4	2.43	5.01	.54
306	8.5	167.1	14.43	18.70	8.31	40.4	56.5	26.4	3.12	5.15	.38
307	20.2	296.5	7.60	12.52	2.47	37.8	69.2	18.2	2.77	4.69	1.49
308	28.0	307.3	5.04	13.62	-1.91	31.7	45.9	15.1	1.20	2.55	.37
309	40.3	297.6	8.68	18.53	-.22	26.4	59.8	11.8	1.15	3.35	.33
310	31.1	291.8	12.7	23.26	1.51	28.7	53.6	13.3	1.37	3.37	.35
311	9.2	200.8	10.79	19.65	3.46	29.5	48.0	14.1	1.18	2.69	.39
312	41.4	286.5	10.73	19.46	3.27	45.4	66.4	27.5	.99	1.99	.44
313	30.1	305.3	12.95	20.58	2.85	44.4	68.0	28.4	2.48	5.66	.40
314	4.4	194.7	10.36	15.19	3.50	61.8	83.1	39.9	2.89	5.09	.46
315	30.7	261.9	5.78	13.57	-3.23	70.2	92.9	37.3	.89	1.79	.34
316	46.2	294.2	5.40	14.74	-3.25	66.2	95.1	33.1	1.29	3.02	.26
317	12.2	284.0	7.73	13.47	3.44	33.0	61.0	15.3	2.52	4.01	1.24
318	15.3	280.9	5.52	13.64	-3.50	34.3	62.0	17.2	1.91	3.03	.43
319	28.4	284.3	5.45	15.64	-8.20	37.5	75.7	15.0	1.24	2.90	.29
320	27.6	276.4	9.67	14.54	.02	33.7	60.0	21.2	2.32	4.08	.65
321	23.6	286.7	5.46	13.73	-5.34	49.8	75.5	33.0	2.63	4.90	.48
322	11.2	208.1	2.07	6.54	-.75	62.8	97.0	32.7	2.25	4.73	.74
323	14.4	286.4	3.54	11.50	-1.08	34.2	53.9	18.0	3.01	5.03	.69
324	22.5	290.1	1.68	12.27	-6.46	57.6	84.8	20.1	.74	1.18	.24
325	18.9	249.3	3.22	13.99	-6.45	56.5	89.0	21.6	.95	2.85	.24

Table 6. Daily mean, maximum, and minimum micrometeorological data measured by micromet station at Rogers Spring Site 2, 1994—Continued

Calendar day	Net radiation, in watts per square meter		Air temperature at 1.25 meters, in degrees Celsius			Humidity at 1.25 meters, in degrees Celsius			Windspeed at 1.25 meters, in meters per second		
	Mean	Maximum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum
326	12.2	278.3	7.49	14.72	1.76	41.4	60.0	23.8	2.68	4.18	0.83
327	18.5	259.9	3.25	15.72	-6.20	48.2	82.3	17.5	.82	2.02	.39
328	22.0	217.4	2.72	14.88	-7.66	51.7	84.0	20.1	.63	1.07	.31
329	14.3	267.6	8.07	19.03	-4.86	48.1	76.6	20.7	3.84	6.85	.50
330	-12.1	262.3	6.58	10.83	.29	43.8	68.0	20.8	4.00	5.81	2.05
331	12.6	250.1	.80	9.08	-5.80	39.8	57.8	16.7	1.18	2.03	.46
332	14.4	248.7	1.99	13.23	-8.50	39.3	59.1	19.7	1.18	2.48	.60
333	19.3	245.4	3.51	14.88	-5.16	39.4	70.4	13.9	.86	1.85	.31
334	22.8	243.5	4.51	18.83	-5.35	43.7	72.3	17.4	.72	1.24	.30
335	20.5	241.2	4.54	18.03	-5.57	45.8	72.7	19.1	.77	1.37	.35
336	19.6	236.9	5.30	17.40	-5.01	45.2	67.8	18.4	.82	1.52	.41
337	.5	103.6	8.78	15.16	-0.96	41.3	71.2	26.7	1.20	2.90	.45
338	-4.1	87.1	10.55	16.56	5.32	36.0	49.9	25.9	1.45	3.60	.45
339	21.0	231.6	8.69	17.39	1.93	47.6	72.1	27.3	.96	1.59	.49
340	11.7	241.1	7.24	15.64	-1.29	59.1	82.4	33.7	1.38	3.48	.39
341	8.2	240.6	5.96	14.68	-1.83	47.5	90.1	18.8	1.76	3.39	.44
342	.9	234.6	3.83	10.55	-5.99	28.2	56.1	11.8	2.36	4.12	.34
343	8.0	228.4	-.10	12.89	-9.71	35.0	59.6	9.7	1.17	2.61	.45
344	-1.6	165.3	-1.40	9.46	-9.50	41.6	72.2	19.1	.80	1.45	.44
345	7.4	167.8	-1.37	9.16	-10.52	40.8	69.1	18.0	.75	1.29	.42
346	20.2	231.4	6.76	15.72	-4.21	32.0	61.3	16.4	2.58	4.82	.44
347	-4.2	164.2	6.11	11.85	-3.50	65.1	91.9	38.5	2.01	4.71	.40
348	25.1	214.3	1.72	10.14	-7.34	61.6	91.5	36.4	.86	1.47	.48
349	16.1	228.4	1.16	12.64	-6.89	57.7	83.6	29.2	.71	1.28	.33
350	18.9	231.7	2.07	15.36	-7.61	52.9	76.8	24.2	.74	1.43	.29
351	19.2	233.9	3.95	18.10	-5.77	49.4	74.6	23.4	.79	1.22	.34
352	17.8	229.7	3.34	17.04	-6.02	50.5	73.5	22.7	.81	1.28	.37
353	14.9	226.8	5.17	18.66	-4.74	43.8	76.5	14.7	.83	1.38	.38
354	13.7	225.4	4.60	19.71	-6.38	41.4	71.0	14.8	.76	1.18	.47
355	21.3	225.1	5.14	20.26	-6.36	39.1	71.0	12.6	.69	1.10	.35
356	6.4	101.4	9.84	17.84	.26	32.5	54.2	15.6	1.25	2.86	.35
357	19.8	163.0	12.37	15.73	10.30	54.0	68.8	34.7	1.36	3.26	.32
358	9.0	78.8	10.37	12.10	8.83	87.6	99.0	70.1	1.82	3.90	.56
359	37.2	261.3	10.10	14.43	7.29	79.9	99.9	61.2	2.05	3.62	.76
360	16.8	272.4	10.20	17.68	5.85	60.6	78.9	36.1	2.43	3.87	.66
361	23.2	257.6	7.57	16.35	.11	72.6	94.5	40.2	.82	1.67	.30
362	34.3	257.0	9.21	16.48	3.58	70.4	94.1	40.2	2.35	4.97	.45
363	13.2	151.0	6.59	10.10	4.55	83.2	95.8	69.0	1.22	2.62	.37
364	15.9	265.7	5.56	13.08	-2.28	62.9	94.1	28.7	1.87	3.33	.30
365	36.5	259.1	2.69	11.52	-4.23	76.7	94.2	44.0	.57	.85	.22