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U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief



# CLIMATOLOGICAL DATA

ILLINOIS

JANUARY 1963

Volume 68 No. 1



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TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 68° on the 9th at Waterloo and at Harrisburg

Lowest Temperature: -26° on the 28th at Moline WB AP and at Marengo

Greatest Total Precipitation: 2.00 inches at Glendale Exp. Station

Least Total Precipitation: 0.15 inch at Quincy FAA Airport

Greatest One-Day Precipitation: 1.16 inches on the 10th at Glendale Exp. Station

Greatest Reported Total Snowfall: 21.0 inches at Chicago WB AP

Greatest Reported Depth of Snow on Ground: 30 inches on the 2d at Mount Carroll

SPECIAL WEATHER SUMMARY

January is the third consecutive month with below normal precipitation over all of Illinois. This continuous dry period has lasted for six months in much of the northern portion of the State. Not even the extreme south now shows a surplus for the past six months. The August through January deficit is generally from 3 to 5 inches over about two-thirds of the south and central areas, and from 5 to 8 inches over the other third. The shortage is more acute in the northeast and north-central. Only 35 percent to 45 percent of normal precipitation has fallen in that area and the deficit is from 8 to 10 inches. Normal precipitation for August through January is near 15 inches in the north, 15 to 17 inches in the central, and increases to 18 to 20 inches in the south.

January snowfall was excessive over practically all of Illinois in spite of the shortage of total moisture. The

temperatures for the month averaged nearly 10° per day colder than normal in the south and as much as 13° colder in the north. This extreme and almost continuous onslaught of cold air caused most precipitation to fall as snow, sleet, or freezing rain. Three inches of snow in the south was only slightly above normal but 15 to 20 inches in the north was 2 to 3 times the January average

William L. Denmark  
Weather Bureau State Climatologist  
Station A, Box 143  
Champaign, Illinois

# CLIMATOLOGICAL DATA

ILLINOIS  
JANUARY 1963

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	10 or More	30 or More	100 or More	
																								Max.
<b>NORTHWEST</b>																								
ALEDO	21.5	4.3	12.9	-11.8	48	8	-20	23	1612	0	26	30	15	1.19	-.42	.25	7	12.7	9	25+	6	0	0	
DIXON	19.3	2.8	11.1	-12.9	48	8	-22	28+	1668	0	26	31	17	.69	-1.05	.27	12	11.5	8	23	2	0	0	
FREEPORT	17.1	0.1	8.6	-12.7	41	8	-24	28+	1745	0	27	30	18	.96	-.78	.28	12	11.2	8	24+	3	0	0	
FULTON DAM 13	19.6	2.7	11.2		44	8	-21	28	1654	0	26	30	17	.71		.31	12	8.4	6	31+	2	0	0	
GALVA	20.5	4.4	12.5	-12.4	49	8	-20	23	1626	0	24	31	15	1.05	-.60	.31	23	11.2	10	31+	4	0	0	
GENESEO					49	8	-20	23	1629	0	25	30	16	1.07		.25	11	13.1	11	31	5	0	0	
KEWANEE	20.5	4.8	12.7		48	9+	-19	23	1618	0	24	31	15	.83		.40	22	14.6	8	31+	2	0	0	
MOLINE W8 AIRPORT	//R	18.3	1.1	9.7	-13.4	45	8	-26	28	1717	0	27	30	18	.91	-.70	.23	11	14.7	5	26+	4	0	0
MORRISON		20.1	1.8	11.0	-12.7	48	8	-25	28	1672	0	25	31	18	.70	-1.09	.20	12	9.6	8	31+	3	0	0
MOUNT CARROLL		18.5	0.6	9.6	-13.0	44	8	-25	28	1718	0	27	31	19	.81	-1.00	.39	12	10.2	30	2	2	0	0
PAW PAW		18.4	1.8	10.1		44	9	-23	23	1699	0	26	31	18	.81	-1.02	.22	12	8.8	9	31+	4	0	0
ROCHELLE 1 W		17.6	0.1	8.9		45	9	-24	23+	1737	0	25	31	19	.65	-.96	.39	19	8.5	9	31+	2	0	0
ROCKFORD W8 AIRPORT	//R	17.5	1.1	9.3	-12.7	45	8	-22	23	1725	0	26	30	19	.60	-1.38	.19	11	11.3	5	31+	2	0	0
STOCKTON		16.2	1.4	8.8		39	8	-25	23	1741	0	27	31	19	.83		.39	12	9.0	9	30+	2	0	0
WALNUT		18.5	3.5	11.0	-13.8	45	8	-23	23	1669	0	26	30	18	.67	-1.09	.16	19	12.0	10	28+	3	0	0
DIVISION			10.0		-12.8									.83	-.91			11.1						
<b>NORTHEAST</b>																								
ANTIOCH	19.5	2.7	11.1		38	9+	-22	23	1667	0	25	31	18	.66		.20	12	10.0	8	31+	4	0	0	
AURORA COLLEGE	19.8	2.4	11.1	-13.2	45	8	-21	28+	1667	0	25	31	18	.85	-1.11	.28	12	8.9	6	27+	4	0	0	
BARRINGTON 1 NW	19.6	3.4	11.5		40	9	-22	23	1654	0	25	30	19	.85		.40	19	8.5	9	24+	3	0	0	
CHICAGO O HARE AIRPORT R	19.3	3.7	11.5		43	8	-19	23+	1655	0	25	30	17	.84		.29	19	16.8	8	23+	3	0	0	
CHICAGO W8 AIRPORT R	20.7	5.9	13.3	-12.8	42	9+	-18	23	1600	0	25	30	15	1.01	-.85	.34	19	21.0	8	27+	4	0	0	
CHICAGO W8 CITY R	22.4	9.1	15.8	-12.1	43	9+	-14	23	1520	0	22	29	13	.93	-.99	.28	19				4	0	0	
JOLIET	21.3	5.3	13.3		47	9	-19	23	1599	0	25	31	15	.76		.25	22	6.5			3	0	0	
LA SALLE PERU	21.6	5.5	13.6	-12.9	46	8	-22	28	1591	0	25	30	14	1.17	-.64	.30	22	12.5			4	0	0	
MARENGO	17.5	0.2	8.7		42	8	-26	28	1744	0	26	31	18	.43		.23	12	8.0			3	0	0	
MORRIS 5 N	20.1	3.3	11.7	-14.2	44	8	-21	28	1651	0	26	31	17	.56	-.96	.16	19	7.8	7	30+	2	0	0	
OTTAWA	21.4	5.7	13.6	-12.8	46	8	-21	28	1590	0	25	30	13	1.23	-.57	.27	22	15.5	12	31	4	0	0	
PARK FOREST	20.5	4.2	12.4		42	8	-17	23+	1628	0	24	30	16	1.19		.40	19	12.9	8	23+	5	0	0	
SYCAMORE	18.0M	0.9M	9.5M	-13.3	44	8	-23	23	1719	0	26	30	20	.72	-1.12	.20	22	10.1	8	28+	3	0	0	
WAUKEGAN 2 NNW	18.6	4.1	11.4	-12.9	39	8	-21	23	1660	0	25	30	17	.70	-1.26	.25	11	14.8	13	26+	4	0	0	
WHEATON COLLEGE	18.9	4.5	11.7		40	8	-20	23	1649	0	25	31	16	.72		.20	19	9.7	5	31+	4	0	0	
DIVISION			12.0		-13.0									.84	-1.02			11.6						
<b>WEST</b>																								
GALESBURG	21.3	3.4	12.4		51	8	-19	23	1628	0	25	31	17	.85	-1.05	.18	22	12.1	6	22	4	0	0	
GOLDEN 1 NW	25.4	7.7	16.6		55	10	-15	23+	1495	0	24	31	12	.61	-1.19	.35	20	9.0			2	0	0	
LA HARPE	24.0M	5.6M	14.8M	-11.5	52	9+	-18	23	1548	0	23	31	14	.72	-1.07	.32	20	7.3	7	27+	3	0	0	
MONMOUTH	21.6	5.8	13.7	-11.5	51	8	-19	23	1584	0	25	30	13	1.27	-.68	.40	19	13.8	11	26+	6	0	0	
QUINCY	25.6	9.3	17.5	-11.4	57	9	-13	23	1467	0	22	31	13	.71	-1.05	.30	19	7.5	5	23	3	0	0	
QUINCY FAA AIRPORT	24.3	7.5	15.9		56	9	-14	21	1518	0	23	31	14	.15		.08	19	3.5	3	31+	0	0	0	
RUSHVILLE	23.5	7.4	15.5	-12.5	56	9	-17	21	1531	0	24	31	12	.68	-1.14	.30	19	6.8			2	0	0	
DIVISION			15.2		-11.7									.71	-1.09			8.6						
<b>CENTRAL</b>																								
BLOOMINGTON NORMAL	23.8	8.7	16.3	-11.3	53	9	-16	23	1506	0	24	30	12	.96	-1.17	.25	19	9.1	6	29+	4	0	0	
CHENOA	22.3	6.1	14.2		52	9	-18	28	1570	0	25	31	13	.55		.12	19	9.0	7	31+	5	0	0	
DECATUR	26.9	9.5	18.2	-11.6	56	9	-15	23	1445	0	22	30	9	.83	-1.31	.25	19	7.4	7	31+	3	0	0	
FARMER CITY	24.6	6.6	15.6		52	9	-18	28+	1525	0	22	31	14	.65		.20	20	3.8	3	31+	3	0	0	
HAVANA	25.3	7.9	16.6	-11.1	53	9	-19	28	1495	0	21	31	12	.38	-1.37	.22	19	7.8	8	22	2	0	0	
LACON	22.1	6.7	14.4		47	9+	-22	28	1561	0	24	30	12	1.05		.17	22	11.5	8	25+	6	0	0	
LINCOLN	25.0	7.0	16.0	-12.5	46	8	-16	23	1511	0	21	31	13	.67	-1.35	.31	20	7.6	7	31+	2	0	0	
MINONK	21.0	5.3	13.2		48	9	-19	21	1603	0	27	31	12	1.06	-.67	.24	19	11.3	9	31+	5	0	0	
PEORIA W8 AIRPORT R	20.8	4.8	12.8	-12.9	49	9	-20	28	1613	0	26	31	17	.56	-1.32	.17	19	7.0	5	30+	2	0	0	
PRINCEVILLE 1 N	21.2	6.0	13.6		47	8	-18	28+	1590	0	23	30	12	.51	-1.04	.15	25	8.3			1	0	0	
DIVISION			15.1		-12.7									.72	-1.24			8.3						
<b>EAST</b>																								
DANVILLE	27.7	9.4	18.6	-10.6	52	9	-25	28	1435	0	20	30	13	.43	-1.78	.14	23	5.0	3	31+	1	0	0	
HOOPESTON	24.0	8.7	16.4	-11.7	52	9	-16	28	1501	0	24	30	13	.66	-1.44	.22	19	6.3	3	31+	3	0	0	
KANKAKEE 3 SW	22.0	6.2	14.1	-12.6	49	9	-21	28	1574	0	26	30	13	.64	-1.05	.14	20	8.6	8	31+	2	0	0	
PONTIAC	23.5	7.2	15.4	-12.0	50	9	-22	28	1533	0	24	30	12	.61	-1.12	.22	20	9.6	6	31+	2	0	0	
RANTOUL CHANUTE AF BAS	22.7	8.1	15.4		50	9	-15	28	1535	0	26	30	14	1.09		.32	31	10.8	6	31	4	0	0	
ROBERTS 3 N	24.0	6.8	15.4		52	9	-18	28	1531	0	22	29	15	.55	-1.21	.18	11	6.3	4	31+	2	0	0	
URBANA	24.2	8.9	16.6	-12.1	51	9	-14	28+	1497	0	23	30	11	.95	-1.21	.26	31	10.3	7	31	4	0	0	
WATSEKA 2 NW	22.9	5.9	14.4		51	10+	-21	28	1565	0	26	31												



# CLIMATOLOGICAL DATA

ILLINOIS  
JANUARY 1963

CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										90° or Above		37° or Below						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	37° or Below	37° or Below	37° or Below										
EAST SOUTHEAST																							
CHARLESTON	28.4	12.1	20.3	- 8.8	55	9	-12	24+	1383	0	20	29	9	.50	- 1.90	.31	23	6.1	4	27+	1	0	0
EFFINGHAM	31.2	13.2	22.2	- 9.8	60	9	-14	28	1321	0	15	28	8	.57	- 1.87	.14	11	4.2	2	31+	3	0	0
FLORA	33.4	13.6	23.5	- 9.8	62	9	-17	28	1279	0	14	28	7	.36		.13	23	1.5	1	31+	2	0	0
MARSHALL 1 E	31.6	11.6	21.6		56	10	-21	28	1337	0	16	29	9	.75		.35	11	3.9	4	31+	2	0	0
MATTOON	27.1	10.1	18.6		54	9	-15	28	1432	0	20	30	9	.18		.05	26+	2.5	2	31+	0	0	0
NEWTON	33.0	13.9	23.5		60	9	-16	28	1279	0	14	28	6	.72		.27	23	4.4	3	30+	3	0	0
OLNEY	33.1	13.2	23.2	-10.4	61	9	-19	28	1290	0	14	28	6	.88		.36	11	3.0	4	27	2	0	0
PALESTINE	32.0	13.3	22.7	- 9.9	59	9	-19	28	1307	0	17	29	8	1.08	- 2.08	.58	11	5.5	4	27+	3	1	0
PARIS WATERWORKS	28.4	11.7	20.0	-10.3	54	9	-16	28	1386	0	20	29	9	.22		.14	11	7.1	7	31+	1	0	0
SALEM	33.0	13.8	23.4		63	9	-12	24+	1284	0	14	28	6	.98	- 1.76	.53	11	4.8	2	28+	3	1	0
TUSCOLA	27.0	10.4	18.7		52	9	-14	28	1427	0	22	30	10	.80	- 1.45	.32	11	5.8	0		4	0	0
VANDALIA FAA AIRPORT	29.6	10.1	19.9		58	9	-22	28	1392	0	18	30	8	.54		.14	26	3.1	2	31+	3	0	0
WINOSOR	27.2	10.4	18.8	-11.4	53	9	-16	23	1424	0	19	30	10	.34	- 2.22	.10	23	3.0	2	31+	1	0	0
DIVISION			21.3	-10.3										.61	- 2.08			4.2					
SOUTHWEST																							
ANNA 1 E	37.7	16.4	27.1	- 8.4	64	9	-12	24	1171	0	11	27	7	.95	- 3.15	.30	5	1.8	2	23	3	0	0
BELLEVILLE SCOTT AF BSE	30.6	12.3	21.5		63	9	-13	28	1342	0	17	30	6	.45		.12	10	2.8	2	29+	1	0	0
CAIRO WB CITY	36.5	19.9	28.2	- 9.2	64	9	- 5	24	1134	0	11	26	2	.79	- 3.67	.32	23	3.5	3	24	2	0	0
CARBONDALE SEWAGE PLANT	37.5				64	9	-16	28		0	11			1.00	- 2.66	.19	23	3.6	3	29+	6	0	0
CARLYLE	32.8	13.0	22.9		62	9	-19	28	1297	0	14	28	6	.22		.15	23	2.0	1	28+	1	0	0
COBORN 2 S	37.1	14.0	25.6		63	9	-14	24	1214	0	11	30	7	.62		.23	5				3	0	0
OU QUON 2 S	35.9	15.2	25.6	- 9.2	64	9	-11	28	1215	0	12	28	6	.64	- 2.51	.28	5	1.0	1	23	3	0	0
MAKANDA 1 NW	37.2	16.6	26.9		63	9	-11	24	1174	0	11	28	6	1.28		.40	30	1.5	2	24+	5	0	0
NASHVILLE 3 NW	34.3	13.7	24.0		63	9	-14	28	1264	0	13	29	6	.35	- 2.34	.20	23	2.5			1	0	0
NEW BURNSIOE	38.4	15.7	27.1	- 8.3	64	9	-18	24	1167	0	9	27	6	.89	- 3.49	.35	23	3.5	3	26+	3	0	0
SPARTA	34.5	15.5	25.0	- 9.7	66	9	- 9	24+	1234	0	14	27	6	.57	- 2.16	.28	5	2.3	2	31+	2	0	0
WATERLOO	35.0	14.1	24.6		68	9	-10	23	1245	0	14	29	5	.50	- 1.83	.19	5	3.2	2	28+	2	0	0
DIVISION			25.3	- 9.6										.69	- 2.74			2.5					
SOUTHEAST																							
ALBION	35.6	15.8	25.7		65	9	-15	24	1211	0	12	27	6	.76		.35	23	4.7	4	28+	3	0	0
BROOKPORT OAM 52	39.4	16.4	27.9		65	10+	- 9	24	1143	0	9	27	4	1.23	- 3.70	.21	6	2.3	2	24	7	0	0
ELIZABETHTOWN	37.7	15.1	26.4		65	9	-16	24	1188	0	9	28	7	1.15		.50	11	2.3	3	28+	3	1	0
FAIRFIELD RADIO WFIW	35.3	14.6	25.0	- 9.3	64	9	-16	28	1236	0	11	28	7	.73		.46	11	3.0	3	28+	2	0	0
HARRISBURG	39.8	16.5	28.2	- 8.2	68	9	-17	28	1134	0	9	26	5	.88	- 3.06	.72	23	7.0	5	27+	2	1	0
MC LEANSBORO	36.2	15.3	25.8	- 9.3	67	9	-13	28+	1210	0	12	27	6	.57	- 3.11	.23	23	3.0	3	31+	3	0	0
MOUNT CARMEL	37.5	19.0	28.3		65	10	- 3	22+	1131	0													
MOUNT VERNON	34.5	14.5	24.5	- 8.9	65	9	-14	28	1248	0	13	28	6	.39	- 2.88	.12	11	1.7	2	28+	1	0	0
DIVISION			26.5	- 8.5										.82	- 3.01			3.4					

# SUPPLEMENTAL DATA

ILLINOIS  
JANUARY 1963

Station	Wind direction		Wind speed m p h				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 A CST	NOON CST	6:00 P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total
CAIRO WB CITY	N	-	8.4	32	N	23	-	75	59	-	4	7	2	0	0	0	13	60	5.6
CHICAGO O'HARE AIRPORT	WSW	20	11.3	28+	NNW	23+	69	71	62	65	13	6	3	0	0	0	22	-	7.2
CHICAGO WB AIRPORT	W	16	12.0	31	NE	10	69	74	65	66	15	6	4	0	0	0	25	29	7.7
MOLINE WB AIRPORT	WSW	15	10.4	42	NW	20	68	71	65	65	9	6	4	0	0	0	19	41	7.4
PEORIA WB AIRPORT	WSW	11	10.7	31	W	20	71	74	69	70	13	7	2	0	0	0	22	36	7.3
ROCKFORD WB AIRPORT	WSW	13	10.5	27+	WNW	20	77	77	69	76	12	9	2	0	0	0	23	-	6.9
SPRINGFIELD WB AIRPORT	WSW	10	12.1	36	W	12	69	73	66	67	9	9	1	0	0	0	19	41	7.1

# DAILY PRECIPITATION

ILLINOIS  
JANUARY 1963

Station	Total	Day of Month																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
ALBION	.76		.01		.15		.02				.10	T							.02	.02		.13	.15	T			.09	T	T									
ALEDO	1.19						.25				.15	.05				.05			.06	T			.15	T		.17		T			.03		.15					
ALTON OAM 26	.57		.02		.12	.14					.02	T							T	.15		.04		.06						.06								
ANNA 1 E	.95		.08		.30	.03					.21									.21				.21														
ANTIOCH	.66			T						T	.10	.20							.05	.15	T	.11	T			.05												
AURORA COLLEGE	.85		T	T						T	.12	.28			T		T		.17	T	.03		.11			.08		.03										
AVON	.54									T	.06						T	.02		.06	.06	T		.02	.20			.04	.03									
BARRINGTON 1 NW	.85			T						T	.30	.10							T	.40	.05	T	T	T	T													
BARRY	.50																			T	.30			.20														
BEARSTOWN	.60				T	T	T													T	.25	T		.35														
BELLEVILLE SCOTT AF BS	.45	T	.04		T	.02	T				.12	.05	T	T					T	.05	T			.06	.02			.09	T									
BENTLEY	.66			T																.28	T			.18	.08		T											
BENTON	.61		.03		.15						.02	.21								.02	.21		.09		.18	.08												
BLOOMINGTON WATERWORKS	.80											.10	.04							.04	.200	.05	.04	.20		.06	T	.09	T									
BLOOMINGTON NORMAL	.96		.02								.07	.05								.25	.04			.17	.15		.06											
BLUFFS	.42				T	.02	T				.02									.28				.06														
BROOKPORT OAM 52	1.23			T		.03	.21				.03	.21			.06	T								.17	.18	.12	.06	.10	.10	.08	.11	T						
CAIRO WB CITY	.79	R		.03		.27	.01				.01	T	.02	T						.02	T			.03	.32													
CANTON	.62				T	.14					.02	T								.26				.15	.04		.05	.04	T									
CARBONDALE SEWAGE RLAN	1.00		.15	T		.02	.10	.13		.03	T		.12	T	T					.02	T			.19		.16												
CARLINVILLE	.41		.01		.09	T						T	T	T						.25	T			.03			.03	T										
CARLYLE	.22				.05							T									.02	T			.15													
CARMI 6 NW	.53					.14						.07	T								.02	T			.29													
CENTRALIA 2 NE	.63		.07			.18	.01					.25	.01								.05			.05			.01											
CHANNANON ORESONO ISL	.83		T	T						.03	T		.02	.08				.01		.02	.21		.08	.20			.09	.01										
CHARLESTON	.50											.08	T	T						.02	T			.31				.09										
CHENOA	.55		T			.03	.03		.10			.10								.12				.10	T		.10	T										
CHESTER	.69		.10	T		.07	.05				.23	T								.23	T			.06	T		.09	T										
CHICAGO O HARE AIRPORT	.84	R		T	T	T	T		.01		.11	T								.11	T			.12	T		.09	T										
CHICAGO WB AIRPORT	1.01	R		.01	T	T	T				.18	.05	T	T						.29	T		.09	.12	T		.09	T										
CHICAGO WB CITY	.93	R		T	T	T	T				.19	.02	T	T	T					.28	T		.09	.13	T		.10	T										
CHILLICOTHE	.73		.01		T				.14		.07	.05								.09	.07			.01	.13			.14	T									
CLINTON 1 SSW	.58											.02	T							.25				.15	.06													
COBLEN 2 S	.62		.14		.23	.03						T									T			.15														
OANVILLE	.43								.03	T		.08	.02							.09				.14														
DANVILLE SEWAGE PLANT	.69			T					.05		.14	T								.10	T			.10				.07										
DECATUR	.83		.01		T	T	T		.09	T	T	.05	.02							.25	T			.15	.15		.08	.02										
DIXON	.69								.09		.27										.12			.08	.07		.05											
DU QUAIN 2 S	.64		.12		.28	.03			.02		.13							.01	T	T		.12		.02			.01											
EWATONVILLE	.49		.04		.21	.02					T	.05								.10				.02			.04	.01										
EFFINGHAM	.57		.01			.08	T		.02		.14	T								.04	T			.01	.12		.11	.04										
ELGIN	.87			T							.38										.05	.14		.10	.13			.04	.03									
ELIZABETHOWN	1.15		.01		.25	.03			.02		.50	.02	T								T			.25														
FAIRFIELD RADIO WF1W	.73		T		.02	.12			.02		.46	T	T								T	.03	T	.02														
FARMER CITY	.65						.05	.05			.10										.05	.20		.15														
FLORA	.36		T			.11					.05	T									.05	T		.13														
FREEMONT	.96			T		.01	T		.02	T	.25	.28							.01	.09	.01	.04		.03			.03	.01	.03									
FREEMONT SEWAGE PLANT	.52			T					.02	T	.28	.01							.08	T	.09		.04				.01	.03										
FULTON OAM 13	.71			T	T	T	T		.03		.01	.31	.02							.01	.31		.07	.10	.05		.04	.02										
GALENA	1.38										.05	1.09	.02	.08							.02			.07														
GALESBURG	.85						.03				.08	.04					.04				.13	.12	.04	.18			.12	.01										
GALVA	1.05						.08				.11						.02				.04	.22	.11	.08	.31		.13	T										
GENESE	1.07			T	T	T			.02		.25	.09									.12	.18	.23				.09	T										
GIBSON CITY 3 E	.29						.05				.05											.10		.05														
GLAOSTONE OAM 18	.77			T	T	T	T		.01		.08	.17				.02	.04				.10		.12				.14	T										
GLENOALE EXP STATION	2.00					.30					1.16													.45														
GOLCONOA OAM 53	.85		T	T		.02	.21	.02	T		.16	T	.03								.10			.27	.06			T	T	T	T							
GOLDEN 1 NW	.61						.25				.01											.35		.25														
GRAFTON	.64			T		.03	.25				.10													.10														
GRAND TOWER 2 N	.72		.11	T		.08	.11				T	.10									.04			.15	T													
GREENUP	.64			T			.05				.12	.23	T								.06			.08														
GREENVILLE 1 E	.62		.02	T		.17	T				.19	T									.05	T		.10														
GRIGGSVILLE	.67						.04																	.10														
HARROIN	.78										.20																											
HARRISBURG	.88		.01	T		.14	.01	T																.72														
HARRISBURG DISPOSAL PL	.82																																					

# DAILY PRECIPITATION

ILLINOIS  
JANUARY 1963

Continued

Station	Total	Day of Month																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
DLNEY	.86				.19	.04				.36											.07		.08							.04		.06	.04					
OTTAWA	1.23		T	T		.08				.23	.06									.25	T	.04	.27	.01						.11	T	.05						
PALESTINE	1.08				.05	.03	.02			.56						.01				.10	T		.18							.05	.02		.05	.07				
PANA	.72		.02			.10	.01	.02	T		.17	.01								.13	.01		.04	.09						.09	.02							
PARIS WATERWORKS	D .22									.14	T								D .03		D .03								.02	T			T					
PARK FOREST	1.19							T	T	.22	T									.40	T	.05	.24		T					.05		.10	.13					
PAW PAW	.81			T	T	T		.01		T	.22								.06	.15	T	.13	.14						.06	.02		.02	T					
PAYSON	.42									T	.05									.20			.15							.02			T	T				
PEORIA WB AIRPORT	R .56		.01	T	T	T	T	.06		T	.04	T				.03				.17	T	.02	.14	T				.08	.01	T		T	T					
PEDTONE	.55			T	T					T	.06	.08				T	T			.16	T							.10		.03			.04					
PETERSBURG	1.08						.24			.16										.34			.31						.03									
PLEASANT HILL	.62					.10				.04	T								.30		.03	.22	T		.05	.08		.20		.05	T		.02					
PONTIAC	.61		T	T				.06													.03	.22	T				.20		.06	.02								
PRAIRIE OU ROCHER	.81		.07			.08	.27			.02											.10			.19				.15		.03		.05		.05				
PRINCEVILLE 1 N	.51							.06		.06							.04				.09	.10	T	.09	.02													
QUINCY	.71									.13											.30	T		.20	.08					T								
QUINCY FAA AIRPORT	.15		T	T	T	T	T			T	T	T								.08	T		.06	T					.01	T								
QUINCY DAN 21	.62									T	.05	.03									.07	.20	T	T	.27													
QUINCY MEMORIAL BRIDGE	.63									.11	.02										.01	.25		.02	.22													
RANTOUL CHANUTE AF 8AS	1.0		T	T	T	T	T	.03		.04	.17	.09	T			T				.08	T	.07	.14	.05		T	.10	.04	T	T		T		.32				
RED 8UD	.57		T			.43														.03																		
ROBERTS 3 N	.55						.02			.18	.03					.03	T			.05	.12	.06	.02	.10	.01		.04	T	T									
ROCHELLE 1 W	.65							T	T											.39			.08	T														
ROCKFORD GENE	.37							T	T											.05			.02	T														
ROCKFORD WB AIRPORT //R	.60						.01			T	.19	.07	T	T						.08	T	.07	.02	T						.01	.02				.11			
ROCKPORT	.53					.10				.05											.19			.08														
RUSHVILLE	.68			T	T	T	T	T		.08	.03				T	T	T			.30		.05	.20	.08														
SAINTE MARIE	.51		T			.15	.02														.03	.05	.20	.08											.09			
SALEM	.98		.04			.18	.01	T		T	.53	T									.05	.03		.10														
SHAWNEETOWN NW TOWN	.96		T	T		.03	.06	T	T	.47	T	T									T		.32	.08														
SIOELL	.68									.02	T	T														.22										.31		
SPARTA	.57		.08	T		.28	T	T		.01	T	T	T							.05	T		.10															
SPRINGFIELD WB AIRPORT R	.41	T	.03	T	T	T	T	.02		T	.01	.01	T	T						.18	T	.02	.05	.01					.07	.01								
STOCKTON	.83									.17	.37										.08	T	T	.05					.02	T	.08							
SYCAMORE	.72									.05	.11									.13		.08	.20															
TAYLORVILLE	.45		.03	T	T	T	.02			.07	T										.05		.22													.07		
TISKILWA	.24									.08											.28	T	.12	.25												.02	.04	
TOULON	1.07			T	T		.09			.02	.04										.07																.01	
TUSCOLA	D .80		T	T	T	T	.10			.32	T										.10	T	T	.13														
URBANA	.95		T	T		T	.05			.14	.01	T	T								.21	T	.02	.19	T	T			.06	.01						.26		
UTICA STARVED ROCK DAM	1.11		T	T	T			.11	T		.05	.07									.11	.30	T	.08	.12													
VANALIA FAA AIRPORT	.54		.01	T	T	.12	T	T		.09	.01	T	T								.02	.01	T	.13	.01													
VIRDEN	.54					.08															.29																	
WALNUT	D .67									D .10	.15					.10	T			.16		.08	.05															
WATERLOO	.50		.02	T	T	.19	.04	T		.02											.06		.12															
WATSEKA 2 NW	.82		.12	T				.06			.28	.02				.01				.17			.04	.05	.04											.01		
WAUKEGAN 2 WNW	.79		T	T						T	.25	.19									.12	.01	T	.10	T													
WAYNE CITY	.81									.64	.02				.01																							
WHEATON COLLEGE	.72		T	T		.06	.04			T	.15	.10									.20	T		.06	.03													
WHITE HALL 1 E	.42		T	T		.12	T			T	.06									.15	T		.05	.02														
WILCOX	.72					.20				.20											.02		.15															
WINDSOR	.34		.03			T	T	.04		.07	T										T	T		.10														

### REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow and ice.

Data in the "Monthly Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

### OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry. Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.
- And also on an earlier date or dates.
- \* Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments
- # Amount included in following measurement. Time distribution unknown
- \* Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AB This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- W One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure
- V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



# DAILY TEMPERATURES

ILLINOIS  
JANUARY 1963

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION	MAX	39	33	50	42	37	36	34	49	65	58	54	38	20	36	30	46	47	48	38	24	18	45	40	15	22	24	19	19	28	28	23
	MIN	27	27	28	30	32	30	28	30	38	45	38	17	0	12	6	9	21	33	19	4	-5	15	-7	-15	3	17	-3	-11	2	19	1
ALEOO	MAX	31	33	31	27	29	28	38	48	46	35	28	23	23	12	9	18	25	26	14	5	4	18	7	11	11	12	6	14	26	17	23
	MIN	21	28	24	23	25	23	22	25	34	27	18	1	-10	-2	-11	10	1	6	-7	-12	-17	-2	-20	-14	-2	-6	-14	-15	3	2	-8
ALTON OAM 26	MAX	40	40	35	31	33	31	36	48	58	45	35	29	20	28	22	42	42	40	19	15	24	36	5	18	22	20	8	18	28	23	21
	MIN	24	32	28	26	29	27	28	25	31	32	29	4	2	10	4	11	18	19	3	1	-4	4	-10	-5	10	6	-4	-3	8	10	5
ANNA 1 E	MAX	46	38	52	44	39	37	35	50	64	60	57	36	20	35	34	46	46	47	41	27	23	49	45	15	26	25	22	22	31	32	25
	MIN	28	30	25	30	33	29	29	25	35	44	34	14	-1	12	10	16	21	30	13	5	0	19	-7	-12	-2	20	0	-6	7	19	7
ANTIIOCH	MAX	26	29	31	36	33	29	35	38	38	36	28	24	7	7	4	16	26	26	9	7	1	14	-1	8	9	16	10	11	19	15	16
	MIN	14	24	25	25	24	22	21	28	30	25	21	5	-11	-7	-19	-13	-7	4	-3	-13	-18	-3	-22	-16	-11	-9	-4	-16	-2	0	-11
AURORA COLLEGE	MAX	25	31	32	33	33	29	36	45	40	37	31	26	10	11	1	16	23	27	9	5	3	19	1	4	-9	10	4	8	12	30	14
	MIN	15	23	25	24	25	23	23	27	31	28	24	-2	-9	-9	-15	-14	-6	4	1	-16	-21	0	-20	-16	-14	-4	-10	-21	-3	-5	-14
BELLEVILLE SCOTT AF 85E	MAX	43	39	33	31	34	31	36	50	63	51	34	31	20	34	24	45	45	38	23	17	23	39	5	18	23	19	7	17	29	25	31
	MIN	21	31	25	26	31	28	29	27	35	32	31	2	1	11	5	10	16	23	4	0	-4	5	-10	-8	7	7	-6	-13	3	9	2
BLOOMINGTON NORMAL	MAX	30	32	32	30	30	30	35	43	53	50	35	26	14	17	11	25	34	35	23	7	5	22	5	8	17	15	8	11	20	20	14
	MIN	21	26	27	23	28	25	25	27	33	27	25	8	-3	9	-6	-2	11	22	5	-7	-13	4	-16	-13	-2	-1	-9	-13	5	8	-5
BROOKPORT OAM 52	MAX	45	38	55	42	42	41	36	49	65	65	60	50	20	33	35	45	50	52	47	26	24	48	45	15	26	26	24	20	35	34	29
	MIN	22	28	19	27	33	31	29	24	38	50	37	16	1	8	9	11	15	27	15	8	1	20	-5	-9	4	20	2	-7	10	22	9
CAIRO WB CITY	MAX	48	42	51	38	42	38	38	49	64	63	43	37	20	33	35	44	47	50	33	28	27	48	16	14	26	26	14	22	35	32	30
	MIN	25	32	28	30	36	33	32	31	42	43	37	11	5	14	18	22	25	32	14	10	6	16	-4	-5	9	14	6	4	16	20	15
CARBONALE SEWAGE PLANT	MAX	48	38	53	35	39	38	38	52	64	59	56	37	21	37	33	41	49	47	35	27	22	50	44	18	25	25	20	21	32	32	25
	MIN	17	27	29	24	29	25	25	27	33	27	25	8	-3	9	-6	-2	11	22	5	-7	-13	4	-16	-13	-2	-1	-9	-13	5	8	-5
CARLINVILLE	MAX	45	38	35	29	32	31	37	51	59	51	35	29	18	26	22	39	43	38	23	15	15	32	8	11	23	19	11	20	28	25	19
	MIN	21	32	27	25	28	26	28	28	35	29	29	5	0	12	0	5	12	23	4	-3	-9	8	-13	-10	6	8	-7	-15	7	11	-6
CARLYLE	MAX	43	38	34	36	35	33	36	50	62	54	36	34	20	31	25	57	47	41	29	20	21	43	12	18	25	22	14	18	33	28	22
	MIN	15	30	24	30	31	27	29	29	36	36	33	9	1	12	3	7	13	24	9	1	-4	12	-18	9	14	-7	-3	-19	0	11	-4
CHARLESTON	MAX	32	32	43	32	33	33	32	45	55	51	37	32	16	22	20	37	42	39	27	13	13	35	12	14	20	18	14	14	25	24	17
	MIN	24	25	30	25	25	21	22	31	35	36	30	10	0	12	-1	5	16	27	11	-1	-8	12	-12	-12	3	10	-6	-11	4	14	-3
CMENDA	MAX	30	32	31	31	30	30	34	43	52	36	33	27	14	15	4	24	33	32	16	9	6	22	2	8	15	12	6	10	20	19	14
	MIN	19	25	25	23	27	25	24	25	32	25	23	3	-5	3	-10	-8	10	15	4	-9	-16	0	-16	-15	-6	-5	-10	-18	1	6	-8
CHICAGO O HARE AIRPORT	MAX	26	31	32	34	33	29	35	43	40	38	30	26	10	7	0	17	26	26	10	5	11	19	-6	4	8	10	6	8	17	10	14
	MIN	18	26	32	27	36	24	23	30	33	30	26	-2	-7	-12	-19	-12	-12	4	3	-10	-17	-6	-19	-12	1	-3	-10	-14	1	-6	-12
CHICAGO WB AIRPORT	MAX	27	32	32	34	35	30	35	42	42	38	31	26	14	9	1	18	28	29	13	5	12	20	-4	5	11	13	6	10	19	13	16
	MIN	17	26	26	27	27	24	24	32	35	31	25	-2	-6	-9	-12	-8	2	8	5	-9	-15	-4	-18	-12	-6	1	-7	-13	2	-2	-5
CHICAGO WB CITY	MAX	29	33	34	35	34	32	37	43	43	38	31	28	14	10	1	18	32	33	20	9	13	20	-3	6	14	17	9	11	20	16	17
	MIN	17	27	29	30	29	25	25	34	36	31	25	-1	-4	-5	-8	-1	8	11	7	-7	-11	2	-3	-9	-1	6	-2	4	6	5	1
COBLEN 2 S	MAX	45	42	51	45	38	37	34	50	63	60	58	34	18	34	34	45	47	47	38	25	24	46	41	16	24	26	22	20	31	30	25
	MIN	19	28	21	28	31	28	27	22	32	44	32	14	-3	10	7	12	18	27	13	2	-3	17	-9	-14	-7	18	-1	-8	5	19	6
DANVILLE	MAX	28	32	40	35	35	34	33	43	52	45	37	32	16	23	19	30	41	38	29	16	11	30	15	13	20	21	15	13	23	23	17
	MIN	20	25	30	25	30	27	25	30	35	28	28	12	0	15	-6	0	10	24	15	-3	-11	9	-13	-14	-12	-3	-6	-25	-3	11	-13
DECATUR	MAX	36	35	32	30	32	31	34	47	56	50	32	28	17	24	15	35	40	35	21	13	15	29	5	12	23	19	15	15	24	21	18
	MIN	22	28	26	23	28	25	25	28	34	29	28	5	-2	11	-4	5	13	21	5	-7	-13	5	-15	-14	1	3	-10	-14	5	10	-7
DIXON	MAX	22	33	32	32	31	30	35	48	42	36	25	23	10	10	3	17	22	25	7	3	2	17	0	4	9	12	6	13	22	15	13
	MIN	18	31	24	25	27	22	22	23	31	25	19	1	-9	-5	-14	-11	-7	7	-1	-15	-18	0	-22	-15	-11	-8	-10	-22	-3	2	-10
DU QUOIN 2 S	MAX	45	38	45	34	37	38	38	50	64	57	51	35	24	36	31	45	58	45	34	23	20	43	34	15	25	24	20	20	30	30	24
	MIN	22	30	23	30	32	28	26	28	36	44	34	12	0	13	9	15	22	28	11	4	-2	18	-8	-10	1	9	-1	-11	5	17	5
EFFINGHAM	MAX	39	33	45	34	34	33	33	49	60	54	39	33	19	31	22	43	47	39	30	17	17	39	13	12	22	19	15	20	29	27	19
	MIN	26	28	29	26	30	26	27	29	34	38	33	10	0	12	1	7	17	28	12	0	-7	13	-12	-11	4	10	-5	-14	5	14	-2
ELIZABETHTOWN	MAX	43	35	51	41	39	39	35	49	65	61	58	37	18	34	33	45	50	52	40	26	22	49	44	15	25	25	23	21	35	34	26
	MIN	20	25	20	28	32	30	28	28	35	47	37	15	0	9	10	12	15	29	16	6	-2	18	8	-16	-2	19	-1	-12	6	18	6
FAIRFIELD RADIO WFIW	MAX	38	34	50	44	36	35	34	49	64	60	53	36	18	36	33	45	46	46	39	20	17	46	43	14	22	24	20	15	29	28	21
	MIN	28	29	24	30	32	29	28	27	36	41	36	15	1	12	6	9	16	29	17	4	-4	16	-10	-12	-1</						

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Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
JERSEYVILLE	MAX	41	38	41	37	32	32	38	50	60	53	36	30	19	29	23	44	41	40	27	18	14	34	13	19	22	21	11	20	28	27	19	30.9
	MIN	22	28	29	25	27	26	28	26	36	30	30	8	0	13	1	7	11	25	4	-4	-10	13	-13	-10	6	6	-7	-10	5	10	-4	11.5
JOLIET	MAX	25	31	32	34	33	28	35	45	47	36	32	26	26	12	2	17	27	26	20	8	3	22	1	0	12	14	6	8	2	16	15	21.3
	MIN	15	22	25	24	25	25	22	31	32	30	25	18	-8	-4	-12	-10	12	1	4	-10	-17	0	-19	-17	0	0	-6	-8	-2	-2	-10	5.3
KANKAKEE 3 SW	MAX	28	30	32	33	32	31	32	43	49	39	33	27	13	14	4	19	27	32	23	10	4	23	4	5	14	13	9	9	20	15	15	22.0
	MIN	17	24	28	25	28	27	25	30	34	26	24	7	-4	4	-11	-11	8	19	7	-10	-17	4	-17	-16	-10	-7	-7	-21	-3	5	-15	6.2
KEWANEE	MAX	39	35	35	28	30	29	35	48	48	36	30	25	11	12	3	16	23	30	10	3	4	19	-2	6	11	9	4	10	20	17	13	20.5
	MIN	15	19	24	23	27	23	23	23	22	30	20	2	-8	0	-9	-4	5	10	0	-11	-16	0	-19	-15	-2	-2	-12	-16	3	2	-8	4.8
LACON	MAX	31	33	33	30	31	31	36	47	47	39	34	27	14	14	8	19	27	30	4	6	6	20	5	9	12	13	7	14	25	19	15	22.1
	MIN	20	27	26	24	28	21	25	28	34	31	25	4	-5	5	-8	-9	7	18	3	-10	-16	3	-17	-14	-1	-4	-11	-22	3	5	-11	6.7
LA HARPE	MAX	35	35	29	28	29	28	38	52	52	45	46	26	16	14	11	23	31	34	7	7	6	21	2	11	11	10	6	17	21	20	16	24.0
	MIN	24	28	25	23	26	25	21	23	28	26	19	-2	-7	3	-5	-5	9	11	-13	-17	0	-18	-15	-2	5	-4	-12	-15	2	3	-9	5.6
LA SALLE PERU	MAX	29	33	33	32	32	32	36	46	45	37	30	27	14	15	7	21	26	27	8	7	5	23	2	9	11	10	7	11	24	16	14	21.6
	MIN	19	26	27	24	28	26	25	28	34	29	24	2	-4	-2	-10	-10	2	8	2	-9	-15	2	-18	-12	-8	-4	-9	-22	-3	5	-14	5.5
LINCOLN	MAX	36	36	33	29	36	32	35	46	43	40	32	28	18	18	14	28	39	35	13	13	10	25	4	11	22	15	8	16	22	22	17	25.0
	MIN	22	28	26	22	28	25	25	26	25	25	25	5	-3	2	-5	-1	12	11	-2	-8	-15	4	-16	-14	-2	-3	-10	-15	3	5	-8	7.0
MAKANDA 1 NW	MAX	47	41	52	36	37	35	35	50	63	60	56	42	20	36	35	45	47	41	39	29	23	48	43	16	25	24	20	31	31	25	37.2	
	MIN	23	30	28	30	32	28	29	30	37	46	33	14	-1	11	10	15	23	32	12	3	-1	18	-8	-11	3	19	-1	-3	11	19	5	16.6
MARENGO	MAX	26	30	30	34	31	29	33	42	37	33	26	23	7	7	7	15	22	22	5	2	-1	14	-5	4	7	8	5	7	18	10	15	17.5
	MIN	14	21	23	23	21	21	19	23	30	23	19	6	-13	-7	-19	-16	-15	2	-12	-18	-21	-4	-25	-18	-15	-16	-7	-26	-4	-2	-14	-2
MARSHALL 1 E	MAX	30	31	45	45	36	34	33	44	55	56	46	34	17	29	28	41	45	44	33	21	14	37	30	14	19	19	16	15	26	25	19	31.6
	MIN	23	22	27	28	28	28	27	31	33	30	33	16	2	11	-1	4	14	24	21	2	-7	11	-11	-12	-3	3	-5	-21	-4	15	-8	11.6
MATTOON	MAX	34	32	43	32	33	31	33	46	54	48	32	31	16	24	14	38	42	37	20	12	19	34	3	14	20	16	6	12	24	22	19	27.1
	MIN	24	26	26	25	30	26	27	31	34	32	29	1	-2	6	-2	5	13	20	5	-5	-2	2	-13	-10	5	5	-7	-15	3	4	-4	10.1
MC LEANSBORO	MAX	40	35	52	37	37	37	35	51	67	58	53	37	20	38	30	47	49	47	37	22	20	49	36	15	25	25	19	20	31	30	22	36.2
	MIN	21	28	25	30	33	30	29	29	37	45	35	15	2	11	9	10	18	29	15	5	-2	18	-8	-13	-2	15	-1	-13	4	18	2	15.3
MINONK	MAX	29	32	32	30	31	30	35	41	48	37	31	25	12	15	3	20	29	31	14	7	3	20	1	7	11	11	4	11	22	14	14	21.0
	MIN	19	25	26	23	27	25	24	26	31	28	24	1	-7	1	-12	-8	7	14	3	-11	-19	1	-18	-16	-10	-4	-13	-18	1	4	-11	5.3
MOLINE WB AIRPORT	MAX	30	32	29	28	28	27	37	45	41	35	24	20	12	7	2	14	23	23	4	3	15	17	-9	7	8	7	1	12	20	7	16	18.3
	MIN	22	28	25	24	27	24	25	20	33	24	20	-4	-8	-12	-17	-15	-9	4	-13	-14	-16	-10	-19	-12	-10	-13	-18	26	5	-12	-19	1.1
MONMOUTH	MAX	33	36	31	27	28	28	37	51	46	37	30	24	16	13	9	20	27	31	10	1	4	24	1	11	11	10	5	15	27	14	13	21.6
	MIN	22	30	26	23	26	24	23	24	35	30	19	1	-7	3	-8	-9	5	10	0	-11	-16	1	-19	-12	0	-6	-13	-18	4	3	-11	5.8
MORRIS 5 N	MAX	25	32	32	32	33	30	35	44	41	37	32	24	12	12	1	16	25	25	15	6	3	22	-1	5	11	11	6	8	20	15	14	20.1
	MIN	12	24	26	24	26	24	24	22	32	31	20	0	-7	-3	-14	-14	-3	14	3	-15	-19	0	-20	-16	-12	-6	-9	-21	-7	3	-16	3.3
MORRISON	MAX	27	34	33	31	32	28	36	48	47	39	28	24	12	11	4	19	23	22	11	2	4	16	0	8	9	8	5	11	23	15	12	20.1
	MIN	19	26	24	24	26	22	22	18	32	28	18	3	-10	0	-16	-19	-13	11	-2	-16	-21	0	-21	-15	-9	-14	-11	-25	-6	0	-18	1.8
MORRISONVILLE 4 SE	MAX	41	35	33	30	31	31	34	46	55	43	35	29	18	23	17	37	42	37	23	8	15	32	7	14	22	18	9	17	26	24	18	27.4
	MIN	27	30	28	24	28	26	28	25	34	30	29	6	0	12	0	6	13	23	6	-4	-10	7	-13	-11	4	8	-8	-12	5	10	-6	11.1
MOUNT CARMEL	MAX	30	37	35	48	40	37	34	35	46	65	57	39	31	18	36	25	45	46	48	34	22	26	2	26	2	29	29	29	29	29	29	37.5
	MIN	20	25	24	28	29	32	28	30	32	36	37	30	2	6	8	8	11	16	27	5	-3	-3										19.0
MOUNT CARROLL	MAX	26	32	31	31	31	30	35	44	42	35	25	24	10	10	1	15	19	22	5	1	0	12	2	6	10	11	6	10	19	15	12	18.5
	MIN	18	25	24	25	24	21	22	21	32	23	18	0	-11	-8	-20	-20	-15	4	-3	-13	-20	-1	-23	-14	-14	-15	-11	-25	-8	0	-17	-6
MOUNT VERNON	MAX	42	36	49	33	38	35	35	52	65	58	47	36	19	36	29	45	47	43	34	20	19	45	26	18	25	23	17	18	29	28	21	34.5
	MIN	24	29	24	29	32	28	29	29	37	44	34	12	0	11	7	10	16	25	13	3	-4	18	-9	-11	1	10	-3	-14	7	16	3	14.5
NASHVILLE 3 NW	MAX	48	39	34	33	36	35	35	50	63	57	44	34	20	38	30	46	47	41	33	20	20	44	26	17	24	24	27	18	30	28	21	34.3
	MIN	23	30	25	28	30	27	28	27	35	40	32	12	0	12	5	9	13	25	10	1	4	16	-10	-12	6	8	-4	-14	4	15	0	13.7
NEW BURNSIDE	MAX	46	41	51	38	40	39	36	48	64	63	61	39	19	36	35	45	49	47	45	26	22	48	45	15	27	25	23	34	34	25	38.4	
	MIN	18	22	22	29	33	30	29	27	37	48	35	16	0	12	10	12	19	30	17	4	-1	19	-7	-18	2	20	-1	-10	5	21	6	15.7
NEWTON	MAX	36	33	48	29	35	35	33	49	60	58	43	38	19	33	24	44	48	45	31	19	16	43	27	15	21	22	19	16	27	26	21	33.0
	MIN	26	27	27	29	30	26	27	31	36	39	34	15	1	11	3	7	17	28	16	2	-5	15	-9	-11	3	9	-4	-16	2	17	-2	13.9
OLNEY	MAX	37	34	47	35	36	35	34	49	61	57	49	37	19	37	29	45	48	47	32	18	17	44	11	17	21	23	17	15	28	27	21	33.1
	MIN	26	28	24	30	30	27																										



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Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ROCHELLE 1 W	MAX MIN	21 10	35 18	32 23	29 23	33 21	32 24	28 21	35 20	45 24	39 30	34 22	25 17	19 -10	8 -2	4 -18	1 -15	5 -5	14 -5	18 -7	5 -15	4 -24	8 -19	9 -24	-2 -22	5 -10	15 -10	10 -14	4 -21	8 -14	18 -2	6 -13	17.6 .1
ROCKFORD WB AIRPORT	MAX MIN	25 17	31 24	31 25	33 26	30 24	27 22	34 23	45 25	38 30	36 29	25 26	24 3	9 -10	6 -13	0 -15	15 -14	23 -10	23 -1	2 -8	2 -15	8 -19	15 -12	10 -22	5 -10	8 -13	4 -11	8 -20	18 -3	7 -4	14 -12	17.5 1.1	
RUSHVILLE	MAX MIN	39 22	43 23	33 25	30 25	32 28	30 25	40 25	54 30	56 38	32 29	29 26	26 3	19 -3	16 8	15 -3	13 -14	38 -10	23 -1	10 -10	5 -11	8 -17	25 -2	0 -15	11 -12	19 -2	12 -2	10 -9	10 -14	22 -14	13 -3	15 -7	23.5 7.4
SALEM	MAX MIN	41 24	36 30	41 25	33 28	34 31	34 27	34 28	50 28	63 37	57 40	34 33	19 10	3 1	34 12	25 5	45 9	48 15	41 22	31 11	19 -2	18 -5	44 -17	22 -12	18 -12	25 3	22 8	15 -3	18 -5	32 4	29 16	20 -2	33.0 13.8
SPARTA	MAX MIN	46 23	41 31	37 33	33 25	35 32	34 28	35 29	53 30	66 38	57 42	33 33	23 0	30 12	30 7	48 10	47 17	42 29	34 20	22 11	20 -2	22 -9	48 7	28 -13	21 -13	25 -11	24 -11	17 -20	28 -3	28 -4	23 7	23 16	34.5 15.5
SPRINGFIELD WB AIRPORT	MAX MIN	40 26	35 26	33 26	28 24	32 27	30 26	35 27	48 36	53 32	42 29	33 27	29 1	17 -2	21 3	14 0	32 3	40 14	35 12	12 0	10 -7	21 -14	26 0	0 -13	10 -9	21 1	12 -10	4 -17	14 -17	23 8	16 0	16 -8	25.2 8.5
STOCKTON	MAX MIN	25 13	31 20	29 22	30 25	29 19	27 23	34 30	39 23	37 30	33 20	21 15	21 0	7 -14	7 -11	0 -17	12 -13	18 -3	22 3	4 -4	-1 -15	-2 -21	9 -2	-2 -25	-4 -15	6 -10	7 -5	4 -11	9 -15	17 0	11 -2	13 -8	16.2 1.4
SYCAMORE	MAX MIN	25 15	31 22	32 23	32 24	29 21	33 21	44 24	38 30	36 24	27 21	24 -1	14 -11	8 -7	1 -17	16 -12	27 -7	22 -1	5 0	3 -14	1 -20	16 -2	0 -23	4 -17	9 -11	10 -9	6 -9	8 -19	18 -4	8 -1	14 -12	18.0 .9	
TUSCOLA	MAX MIN	31 22	31 21	37 28	31 24	32 29	33 26	32 26	39 31	52 32	42 33	35 28	31 5	30 0	22 11	19 -3	34 4	41 13	35 24	14 5	13 -3	10 -10	31 9	9 -13	13 -13	22 -6	17 6	13 -14	23 0	22 12	17 -6	27.0 10.4	
URBANA	MAX MIN	28 22	30 26	33 25	31 24	29 29	33 27	42 26	51 31	41 33	32 30	27 0	15 -1	21 1	9 -5	29 3	38 14	33 17	17 5	10 -6	18 -11	27 0	0 -14	10 -10	22 1	15 2	5 -8	13 -14	22 2	18 4	16 -3	24.2 8.9	
VANDALIA FAA AIRPORT	MAX MIN	39 22	34 29	33 25	31 30	33 26	35 29	48 27	58 34	58 32	49 32	34 30	31 1	19 9	30 3	23 9	45 16	47 6	38 16	23 2	27 -2	16 -7	23 4	17 -10	17 -8	23 4	17 5	18 -18	28 -22	25 0	18 4	29.6 10.1	
VIROEN	MAX MIN	42 23	37 31	34 27	29 24	31 27	34 27	35 26	48 26	55 33	47 28	34 27	29 6	18 -1	23 11	17 -11	35 3	41 7	37 19	25 5	13 -8	13 -16	30 8	8 -14	14 -14	22 4	20 5	10 -9	16 -10	25 6	29 9	28.0 10.4	
WALNUT	MAX MIN	27 18	33 25	31 24	29 24	30 26	28 22	34 22	45 32	42 33	36 26	26 20	22 -1	12 -9	10 -7	3 -6	17 -12	22 -4	20 5	5 -1	2 -14	1 -19	20 -2	-1 -23	5 -16	8 -8	10 -9	4 -13	10 -18	21 0	11 1	11 -10	18.5 3.5
WATERLOO	MAX MIN	42 24	47 20	39 26	35 27	35 30	34 27	37 29	54 29	68 38	58 36	46 32	34 2	21 3	39 14	29 6	50 9	47 17	40 30	32 6	22 -1	23 -4	43 12	24 -10	23 -8	24 3	23 14	15 10	21 -6	30 4	29 15	32 14	35.0 14.1
WATSEKA 2 NW	MAX MIN	30 9	30 16	33 27	31 24	32 28	31 27	30 25	44 29	51 32	51 25	33 23	27 7	12 -5	14 -2	8 -11	19 -3	30 7	32 19	24 10	11 -8	4 -16	22 -16	6 -16	5 -16	13 -11	15 -11	10 -7	19 -21	19 1	14 -7	22.9 5.9	
WAUKEGAN 2 WNW	MAX MIN	26 18	30 25	31 25	34 26	33 26	30 22	34 30	39 25	37 28	37 22	29 3	25 -10	8 -5	8 -19	-1 -5	15 -13	23 -5	27 7	8 0	4 -10	0 -17	15 -21	0 -16	5 -11	8 -6	11 -3	7 -16	10 -16	18 0	10 -9	16 4	18.6 4.1
WHEATON COLLEGE	MAX MIN	26 15	31 23	31 25	33 25	33 24	30 22	40 27	39 32	33 28	34 24	30 26	9 -8	11 -1	0 -15	15 -9	24 -2	26 10	11 1	18 -12	0 -16	5 -16	18 -20	3 -16	3 -8	9 -4	10 -4	5 -4	7 -18	14 0	13 1	18.9 4.5	
WHITE HALL 1 E	MAX MIN	42 21	39 32	35 27	29 25	32 26	31 26	37 27	50 22	57 29	50 29	35 29	18 -1	21 12	20 0	33 5	39 14	39 23	27 3	12 -8	18 -15	28 -17	9 -12	13 -12	22 -5	21 4	11 -8	17 -17	25 5	24 8	17 -9	28.2 9.4	
WINOSOR	MAX MIN	35 23	32 26	32 25	33 24	33 27	33 28	44 26	53 29	45 32	36 29	31 8	16 -1	25 10	20 -14	36 -2	42 12	35 25	28 11	11 -3	13 -10	15 -12	12 -16	13 -12	20 3	18 6	14 -7	12 -13	25 2	25 12	17 -6	27.2 10.4	

# SNOWFALL AND SNOW ON GROUND

Station	Day of month																																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALBION	SNOWFALL SN ON GND		.1 T									T T										T T	.1 T		3.5 4	4	4	4	1.0 4	T 4	T 3	T 2	
ANNA 1 E	SNOWFALL SN ON GND		.1 T																				T T		1.7 2	1	1	1	T 1	T 1	1 1		
ANTIOCH	SNOWFALL SN ON GND	1	1	T 1	1	1	1	T T	T T	T T	1.5 2	2.5 4	4	4	4	4	4	4	.5 4	3.0 6	T 6	2.0 8	T 8	8	8	8	.5 8	8	8	8	8		
AURORA COLLEGE	SNOWFALL SN ON GND	1	1	T 1	1	1	1	T T	T T		1.5 2	2.7 4	4	4	4	4	4	4	1.8 5	1.8 5	T 5	.3 5	1.0 6	1.0 5	.7 5	.7 6	.4 6	.4 6	.4 5	.4 5	.4 5		
BELLEVILLE SCOTT AF BASE	SNOWFALL SN ON GND						T					T T											.6 1	.2 1	1	1	2.0 2	T 2	T 2	T 1	T 1		
BLOOMINGTON NORMAL	SNOWFALL SN ON GND						.8				.5 1	.3 1	1	1	1	.2 1	1	1	2.5 3	.5 3	5 3	3 3	1.3 4	2.1 6	.6 5	.6 6	.3 6	.3 6	.6 6	.6 6	.6 5	.6 5	
CAIRO WB CITY	SNOWFALL SN ON GND		.3 T				T					.2							.1			T	.3 1	2.6 6	1	3	2	T 1	1	1	T T		
CARLINVILLE	SNOWFALL SN ON GND						T	T			T T	T T							1.5 2	2	2	2	T 1	.5 1	1	1	1.0 2	T 2	2	2	2	1	
CHICAGO O HARE AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T	T	T	T	T	.1 T	T	T	T	T	1.7 T	.3 T	2 T	2 T	1 T	1	1	2	8.2 1	2 1	2.2 8	2.1 8	T 7	.6 7	.6 5	.5 6	.5 6	.5 6	.5 6	.5 6	1.0 6	
CHICAGO WB AP	SNOWFALL SN ON GND WTR EQUIV	1	T	T	T	T	.1 T	T	T	T	2.8 T	.6 T	.3 T	.3 T	.2 T	.2 T	1	1	8	8	1	1	1.4 T	2.9 8	7 8	8 8	.9 8	.3 8	.7 8	T 7	T 6	.9 7	1.5 6
DECATUR	SNOWFALL SN ON GND						.9 1				T T	T T							2.5 3	3	3	3	1.5 4	1.5 6	1.0 6	6	6	6	6	6	6	6	
DIXON	SNOWFALL SN ON GND	1	1	T	T	T	.9 1	T	T	T	T	3.7 4	4	3	3	3	3	3	3	2	3.6 6	5	1.5 7	1.0 8	7	7	.8 7	.7 7	.7 6	.6 6	.6 6	.6 5	
FREEPORT	SNOWFALL SN ON GND	2	1	1	.1 1	1	1	1	1	1	2.5 2	2.8 5	5	5	5	5	5	5	5	.5 8	2.2 8	.1 8	.8 8	.3 8	.8 8	.8 8	.2 7	.1 7	.3 7	.1 7	1.0 6		
GALVA	SNOWFALL SN ON GND	2	1	T			.8 1	T	T		1.0 1	1	1	1	1	1	1	1	2	2	4	4	.8 5	3.5 8	8	8	1.3 9	T 9	T 9	T 9	T 10	.7 10	

See reference notes following Station Index.

# SNOWFALL AND SNOW ON GROUND

ILLINOIS  
JANUARY 1963

CONTINUED

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GOLCONDA DAM 51	SNOWFALL SN ON GND		T																		T	T	1.5	1.5		T	T	T	T	T	T	T	
HARRISBURG	SNOWFALL SN ON GND		.5																		1.0		5.0	5	4	4	.5	4	3	3	3		
HOOPESTON	SNOWFALL SN ON GND	T	.1				T	.7				T	T	T	T	.2			T	2.0	.1	2	1.3	1.0	.3	T	.6						
KANKAKEE 3 SW	SNOWFALL SN ON GND	T	T	.2	T		T	.6	T			.7	.5	T	T	T	T		.1	2.5	.5	.3	1.5		7	.7	.1				.6	.3	
LA HARPE	SNOWFALL SN ON GND	T	T					.3				.5	.5	1	1	T	1	1	1		3.0	1.0	2.0	7		T	T	T	6	6	5		
LINCOLN	SNOWFALL SN ON GND	T	T	T	T	T	T	.6												T	3.6	4	.7	2.3		7	.4						
MOLINE WB AP	SNOWFALL SN ON GND WTR EQUIV	T	T	T	T	T	T	.4				3.7	.6	4	3	.3	2	2	2	1.8	2.9	1.4	5	5	4	1.0	.2	T	4	4	1.7		
MONMOUTH	SNOWFALL SN ON GND	1						.5				1.0	1.0	2	2	2	2	2	2	4.0	.5	3.0	2.0		11	11	10	10	9	10	10		
MORRISON	SNOWFALL SN ON GND	1	1	1	1	1	1	.5				1.5	2.5	4	4	.3	4	4	4	2.0	6	6	1.3	.3		.3	.3	.3	8	8	8	8	
MORRISONVILLE 4 SE	SNOWFALL SN ON GND							.2												1.2	1	1	.3	.8		1	1	1	1	1	1	1	
MOUNT VERNON	SNOWFALL SN ON GND		T																		T		1.0	T		1	1	1	2	2	1	1	
NEWTON	SNOWFALL SN ON GND		T					T													T	.4		2.5		2	2	2	2	3	3	3	
OTTOWA	SNOWFALL SN ON GND	T	T	T	T	T	1.0					2.5	.5	3	3	.1	3	3	3	3.5	6	5	4.0	.2		8	.6	.4	.5		.7	1.0	
PARK FOREST	SNOWFALL SN ON GND	1	T	T	T	T	T	T				3.0	3	3	3	3	T	2	2	4.2	6	6	5	2.4		8	6	2	.5	3	3	1.0	1.3
PEORIA WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T	.1	T	T	T	T	.6				.3	T	T	T	.3	T	T	2.7	T	.2	1.9	T		4	4	4	.8	.1	T	T	4	
PONTIAC	SNOWFALL SN ON GND		T	T			1.2	1					T							T	.5	3.7	4	4	4	4	2.0	6	5	6	6	6	6
QUINCY FAA AIRPORT	SNOWFALL SN ON GND				T	T	T					T	T	T	T					2.7	T	T	.6	T		3	3	3	3	3	3	3	3
RANTOUL CHANUTE AF BASE	SNOWFALL SN ON GND	T	T	T	T	T	.8					T	T	T	T	T	T	T	2.1	T	2	1.4	2.0		5	5	5	5	5	5	5	5	
ROBERTS 3 N	SNOWFALL SN ON GND		T				.2	T				T	.5	1	1	.3	T	1	1	2.5	1.5	.7	.2		4	4	4	4	4	4	4	4	
ROCKFORD WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	2	2	2	2	2	.1	2	2			2.8	.7	3	3	3	3	3	3	2.1	T	.5	T	2.1	T	1.9	.5	T	.5	.2	.4	2	1.4
SPARTA	SNOWFALL SN ON GND			T																	.3	T	T	1.0		1	1	1	1	2	2	2	2
SPRINGFIELD WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T	T		T	T	T	.2				T	T	T						2	T	.8	5	.1		4	4	4	4	4	4	3	3
SYCAMORE	SNOWFALL SN ON GND											.5	1.8	2	2	2	1	1	1	3.0	4	4	5	3.0		8	8	8	8	8	7	7	7
TUSCOLA	SNOWFALL SN ON GND		T			T	1.0					.3	T							T	1.0		.5	1.5			T	1.5					
VANOALIA FAA AIRPORT	SNOWFALL SN ON GND		T			T	T							T	T					.2	.1	T	1.3	.1		1	1	1	1	2	2	2	2
WHITE HALL 1 E	SNOWFALL SN ON GND																			3.0	3	3	4	5		5	5	5	5	5	5	5	5
WINOSOR	SNOWFALL SN ON GND		.5	T	T	T	T	.5				T	T	T	T					T	T	T	1.0		1	1	1	1	2	2	2	2	2

## DAILY SOIL TEMPERATURES

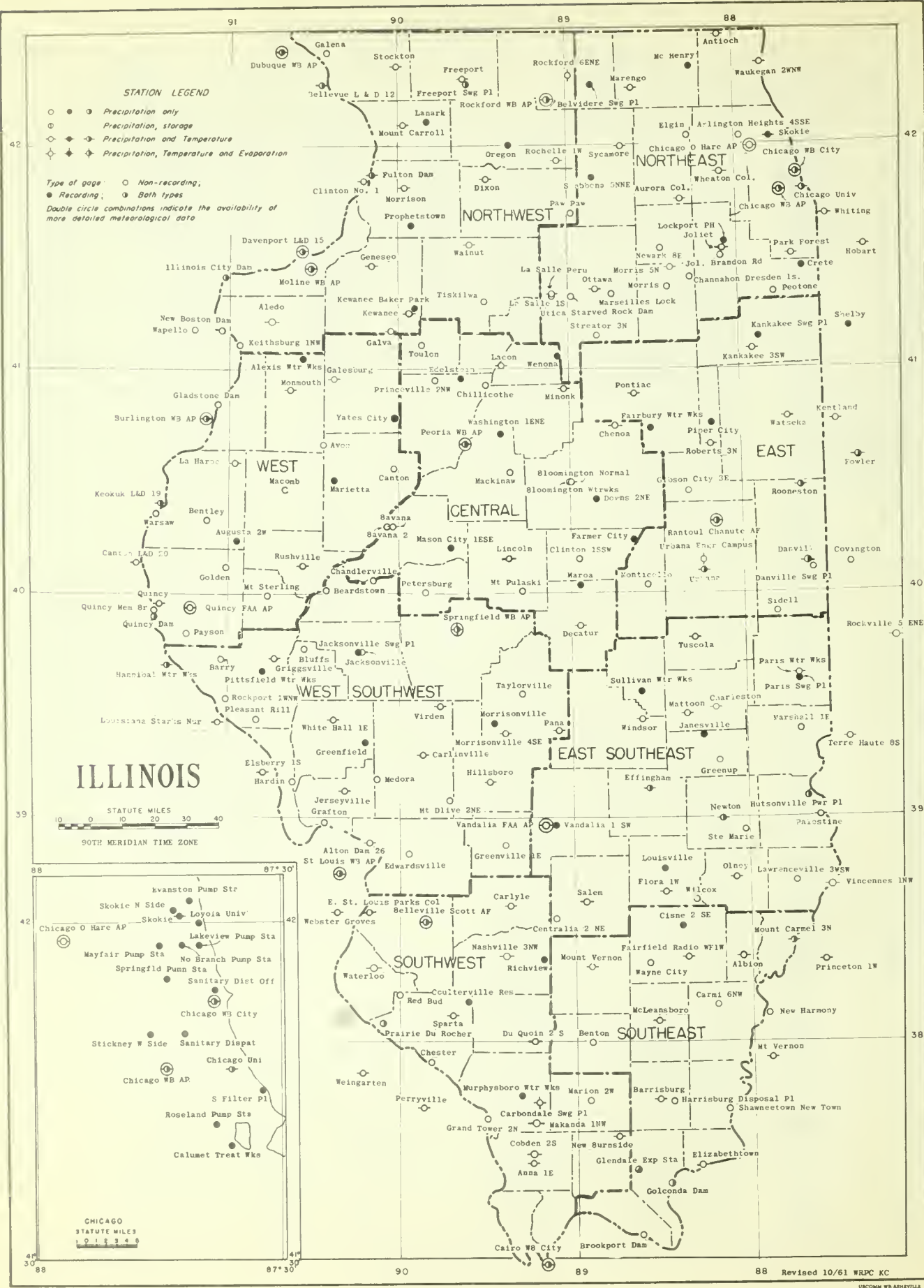
DEPTH		Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
URBANA																																		
4 INCHES	MAX	33	33	33	33		33	34	35	38	37	36		35	31	30	30	30	30		30	29	29	29	29	29	28		28	28	28	28	28	31.4
	MIN	32	32	33	33		33	33	34	35	36	35		31	30	29	29	29	30		29	29	29	29	29	28		28	28	28	28	28	30.7	
8 INCHES	MAX	34	34	34	34		35	35	36	37	37	37		36	34	32	32	32	32		32	32	31	31	30	30	30	30	30	30	30	30	30	32.9
	MIN	34	34	34	34		34	35	35	36	37	36		34	32	31	31	32	32		32	31	31	30	30	30	30	30	30	30	30	30	30	32.5

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER OIAL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS SOD. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

See reference notes following Station Index







**STATION LEGEND**

- ● ○ Precipitation only
- ● ○ Precipitation, storage
- ● ○ Precipitation and Temperature
- ● ○ Precipitation, Temperature and Evaporation

Type of gage ○ Non-recording;  
 ● Recording; ○ Both types  
 Double circle combinations indicate the availability of more detailed meteorological data

**ILLINOIS**







## TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 65° on the 23d at East St. Louis Parks Col. , and on the 6th at Elizabethtown

Lowest Temperature: -22° on the 26th at Springfield WB Airport and Watseka 2 NW

Greatest Total Precipitation: 1.57 inches at Mount Pulaski

Least Total Precipitation: 0.02 inch at Tiskilwa

Greatest One-Day Precipitation: 1.14 inches on the 24th at Barry

Greatest Reported Total Snowfall: 15.5 inches at Danville

Greatest Reported Depth of Snow on Ground: 16 inches on the 1st at Ottawa

## SPECIAL WEATHER SUMMARY

Dry weather became firmly established throughout Illinois with February, the fourth consecutive month of less than normal precipitation statewide. Precipitation was one-half inch or less in over 50 percent of the State with only isolated reports of more than one inch anywhere in the State. The abnormal cold caused most of this precipitation to fall as snow in north and central areas and well above normal snowfall resulted.

There were only a few days when the temperature warm-

ed to seasonal normals and the average was 7° to 10° per day colder than normal over all of Illinois.

William L. Denmark  
Weather Bureau State Climatologist  
Station A, Box 143  
Champaign, Illinois

# CLIMATOLOGICAL DATA

ILLINOIS  
FEBRUARY 1963

Station	Temperature												Precipitation														
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max.		Min.						Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	1.0 or More	.50 or More	1.00 or More
										31° or Above	31° or Below	31° or Above	31° or Below														
<b>NORTHWEST</b>																											
ALEDO	31.4	10.4	20.9	- 6.8	52	18	-10	26+	1227	0	15	27	5	1.16	-	.22	.95	9	5.8	8	2+	1	1	0			
DIXON	28.9	8.4	18.7	- 7.9	48	18	-12	3	1294	0	18	28	8	.51	-	.87	.29	1	7.3	9	2+	1	0	0			
FREEMONT	26.9	6.4	16.7	- 7.3	45	6	-16	3	1350	0	20	28	7	.46	-	.71	.12	27	5.7	8	3+	1	0	0			
FULTON DAM 13	28.6	7.4	18.0		48	18	-17	3	1310	0	18	28	9	.54			.35	1	7.8	10	4+	1	0	0			
GALVA	30.1	9.7	19.9	- 7.7	52	18	-10	22+	1259	0	18	28	6	.64	-	.86	.18	25	6.8	12	1	3	0	0			
GENESEO	29.4	9.5	19.5		49	18	-11	3	1272	0	17	28	6	.38	-	1.01	.10	20	5.5	11	3+	1	0	0			
KEWANEE	29.5	11.1	20.3		52	18	-10	21	1243	0	18	28	6	.17			.06	24	5.8	7	1	0	0	0			
MOLINE WB AIRPORT	//R	7.6	17.9	- 8.3	49	18	-16	3	1315	0	18	27	11	.37	-	.98	.09	23	5.4	6	1	0	0	0			
MORRISON	30.0	7.4	18.7	- 8.1	47	18	-19	3	1288	0	18	28	10	.71	-	.73	.30	1	8.7	9	1	2	0	0			
MOUNT CARROLL	28.8	7.3	18.1	- 7.1	47	18	-20	21	1309	0	19	28	7	.41	-	.93	.27	1	7.2	12	2+	1	0	0			
PAW PAW	25.3	6.3	15.8		45	19+	-13	3	1371	0	21	28	10	.86	-	.66	.34	1	9.3	12	4+	2	0	0			
ROCHELLE 1 W	25.4	5.4	15.4		47	19	-15	3	1383	0	20	28	10	.43		.82	.14	28	9.0	10	1	1	0	0			
ROCKFORD WB AIRPORT	//R	6.2	16.3	- 8.1	45	18	-10	21+	1357	0	19	28	11	.38	-	1.06	.10	27+	8.4	6	2+	3	0	0			
STOCKTON	26.0	7.8	16.9		44	6	-13	21	1341	0	21	28	6	.34			.15	27	2.5	9	3+	2	0	0			
WALNUT	27.9M	7.4M	17.7M	- 9.6	50	18	-15	3	1322	0	19	28	8	.79	-	.63	.32	1	7.5	14	1	3	0	0			
DIVISION			18.1	- 8.3													.54	-	.61	6.8							
<b>NORTHEAST</b>																											
ANTIOCH	30.6	8.1	19.4		48	18	-11	21	1270	0	14	28	6	.50			.15	27+	5.5	10	1	4	0	0			
AURORA COLLEGE	27.5	5.5	16.5	- 9.8	47	5	-16	3	1353	0	18	28	12	1.07	-	.47	.24	20	9.5	6	3+	5	0	0			
BARRINGTON 1 NW	28.4	7.6	18.0		45	18+	-11	26	1307	0	18	28	8	.70			.20	27	7.0	8	1	5	0	0			
CHICAGO O HARE AIRPORT	27.4	6.4	16.9		48	18	- 9	15+	1339	0	19	28	12	.36			.12	27	8.4	6	1	1	0	0			
CHICAGO MIDWAY AIRPORT	28.0	10.3	19.2	- 8.7	50	18	- 7	22	1277	0	19	28	6	.54	-	1.06	.18	20	11.2	8	1	2	0	0			
CHICAGO WB CITY	28.5	13.9	21.2		50	18	- 4	21	1217	0	19	26	3	.55			.14	27				2	0	0			
JOLIET	29.1	8.8	19.0		51	18	-10	3	1283	0	18	28	8	1.45			.45	1	10.0	0		6	0	0			
LA SALLE PERU	30.0	9.5	19.8	- 9.1	53	18	-12	3	1261	0	17	28	7	.88	-	.69	.41	1	11.1			3	0	0			
MARENGO	26.7	5.3	16.0		46	18	-13	3	1364	0	19	28	8	.63			.30	27	6.5			2	0	0			
MORRIS 5 N	27.8	5.4	16.6	-11.0	49	5	-16	3	1347	0	18	28	10	.83	-	.57	.50	1	9.4	11	1	2	1	0			
OTTAWA	30.3	9.3	19.8	- 8.8	51	18	-11	3	1259	0	16	28	7	.67	-	.90	.35	1	9.3	16	1	2	0	0			
PARK FOREST	27.9	6.8	17.4		50	5	- 9	22+	1328	0	19	28	12	.84			.60	23	5.7	3	27+	1	1	0			
SYCAMORE	27.1	5.5	16.3	- 8.7	46	18	-12	3	1355	0	20	28	11	1.03	-	.42	.21	1	7.0	9	3+	5	0	0			
WAUKEGAN 2 WNW	27.8	9.2	18.5	- 7.5	46	18	- 9	21+	1295	0	19	28	6	.40	-	1.08	.19	27	10.5	12	1	1	0	0			
WHEATON COLLEGE	27.1	8.7	17.9		45	18	- 9	21	1313	0	19	28	7	.61			.16	20	10.9	6	2+	3	0	0			
DIVISION			18.2	- 9.1													.74	-	.84	8.7							
<b>WEST</b>																											
GALESBURG	30.4	9.4	19.9		54	18	-14	26	1260	0	16	27	8	.30	-	1.33	.10	23	5.1	4	24+	1	0	0			
LA HARPE	33.0	12.5	22.8	- 6.6	55	18	- 8	21	1178	0	15	27	5	.57	-	.90	.27	23	7.0	5	1	2	0	0			
MONMOUTH	31.4	11.9	21.7	- 6.6	54	18	- 9	26+	1208	0	16	27	6	.49	-	1.16	.14	25	4.9	9	1	4	0	0			
QUINCY	36.4	16.1	26.3	- 6.1	59	18	- 6	26	1079	0	13	25	3	.73	-	.87	.39	23	8.8	6	24	2	0	0			
QUINCY FAA AIRPORT	33.6	13.1	23.4		55	18	-11	26	1157	0	15	26	6	.53			.35	23	9.9	8	27+	1	0	0			
RUSHVILLE	34.5M	12.8M	23.7M	- 7.4	59	19	- 7	26	1148	0	14	27	5	.67	-	.89	.35	23	6.7			4	0	0			
DIVISION			23.0	- 7.4													.55	-	1.04	7.1							
<b>CENTRAL</b>																											
BLOOMINGTON NORMAL	31.6	12.5	22.1	- 8.1	52	18	-11	26	1197	0	19	27	5	.91	-	.88	.21	23	13.1	7	1	4	0	0			
CHENOA	30.5M	10.4M	20.5M		52	18	-10	3	1241	0	17	28	6	.20			.20	1		9	3+						
DECATUR	34.5	12.3	23.4	- 9.0	55	18+	-10	26	1159	0	15	28	5	.77	-	1.40	.29	23	6.0	5	25	2	0	0			
FARMER CITY	32.1	8.9	20.5		53	18	-18	26	1239	0	16	28	10	.80			.45	24	11.1	8	26+	3	0	0			
HAVANA	34.0	11.6	22.8	- 8.0	55	18	-16	26	1174	0	14	28	5	.67	-	1.01	.38	23	11.2	8	25	2	0	0			
LACON	32.0	9.7	20.9		53	18	-15	26	1229	0	16	28	7	.57			.23	1	10.0	9	2+	2	0	0			
LINCOLN	33.7	10.5	22.1	- 9.0	55	18	-16	26	1193	0	14	28	6	1.07	-	.88	.67	24	12.4	11	26+	2	1	0			
MASON CITY	32.6	10.1	21.4		54	18	-17	26	1218	0	16	27	6									0	0	0			
MINONK	29.7	7.7	18.7		50	18	-12	26+	1291	0	17	28	9	.80	-	.84	.18	25			4	28+	3	0			
PEORIA WB AIRPORT	28.7	8.5	18.6	- 9.8	53	18	-13	26	1292	0	17	28	9	.49	-	1.23	.26	23	6.2	5	25	2	0	0			
PRINCEVILLE 1 N	29.8	9.7	19.8		56	18	-19	26	1263	0	18	28	7	.54	-	.92	.25	20	5.0	0		3	0	0			
DIVISION			21.0	- 9.6													.73	-	1.09	9.4							
<b>EAST</b>																											
DANVILLE	33.3	9.4	21.4	-10.2	53	19+	-18	26	1214	0	16	28	8	1.12	-	.99	.25	23+	15.5			5	0	0			
HOOPESTON	29.7	9.5	19.6	-10.8	50	18	-16	26	1267	0	17	28	7	1.28	-	.80	.49	23	14.8	8	27+	4	0	0			
KANKAKEE 3 SW	29.3	8.5	18.9	- 9.8	49	18	-15	26	1284	0	18	28	10	.77	-	1.02	.26	1	11.6	11	1	3	0	0			
PONTIAC	31.3	9.9	20.6	- 8.9	53	18	-16	26	1235	0	17	28	8	.85	-	.82	.41	1	12.6	11	1	3	0	0			
RANTOUL CHANUTE AF BS	29.5	9.2	19.4		51	18	-13	26	1275	0	18	28	7	.60			.34	23	10.2	8	28+	2	0	0			
ROBERTS 3 N	29.1	8.9	19.0		50	18	-16	26	1283	0	19	28	9	.65	-	1.20	.20	1	.7	6	28+	3	0	0			
URBANA	31.2	11.1	21.2	- 9.8	51	18	- 6	26+	1220	0	17	28	6	.96	-	1.13	.61	23	13.2	8	24+	2	1	0			
WATSEKA 2 NW	28.7	8.9	18.8		47	18	-22	26	1289	0	17	28	8	.84	-	1.05	.30										

# CLIMATOLOGICAL DATA

ILLINOIS  
FEBRUARY 1963

CONTINUED

Station	Temperature										Precipitation																		
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days							
										Max.									Min.					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	80° or Above	70° or Above	60° or Above	50° or Above					Below 50°	Below 40°	Below 30°	Below 20°	Below 10°						
<b>EAST SOUTHEAST</b>																													
CHARLESTON	34.9	14.8	24.9	- 6.8	55	19	- 6	22	1118	0	12	27	5	.13	- 2.00	.04	13	8.8			0	0	0						
EFFINGHAM	37.1	16.0	26.6	- 7.8	56	19+	- 4	22	1071	0	11	27	3	.45	- 1.89	.13	24	3.9	1	26+	2	0	0						
FLORA	38.9	16.8	27.9	- 7.8	60	20	- 5	22	1033	0	9	27	1	.19		.11	24	.7	1	22+	1	0	0						
MARSHALL 1 E	36.3	13.8	25.1		55	19	- 7	22	1111	0	12	28	6	.52		.15	10	6.5	5	1	3	0	0						
MATTOON	33.3	12.3	22.8		53	19	- 5	22	1174	0	13	28	4	.33		.08	20	4.5	2	25+	0	0	0						
NEWTON	38.4	16.9	27.7		58	19	- 4	22	1038	0	9	27	1	.40		.12	10	4.7	2	2+	2	0	0						
OLNEY	39.6	17.3	28.5	- 7.6	60	6	- 5	22	1019	0	9	27	1	1.05		.90	10	2.6	1	22+	2	1	0						
PALESTINE	37.5	15.7	26.6	- 8.5	57	20	- 7	22	1070	0	8	27	1	.70	- 1.72	.17	24	7.7	3	1	3	0	0						
PARIS WATERWORKS	34.1	12.0M	23.1M	- 9.6	56	19	- 9	22	1164	0	13	28	9	.67	- 1.55	.20	25+	8.4	8	1	3	0	0						
SALEM	39.3	16.6	28.0		60	20	- 6	22	1032	0	9	28	1	.49	- 2.01	.29	24	1.5	1	21+	2	0	0						
TUSCOLA	33.4	11.2M	22.3M		54	18	-15	26	1183	0	14	28	7	.86	- 1.30	.26	24	11.8	7	23	5	0	0						
VANDALIA FAA AIRPORT	36.5	13.2	24.9		59	5	- 3	22	1115	0	10	28	3	.84		.13	10	2.5	2	1	1	0	0						
WINDSOR	34.1	12.7	23.4	- 9.4	52	19	- 7	26	1159	0	12	28	5	.56	- 1.88	.21	7	3.8	1	23+	3	0	0						
DIVISION			25.5	- 8.8										.51	- 1.83			5.2											
<b>SOUTHWEST</b>																													
ANNA 1 E	43.0	20.5	31.8	- 6.6	59	20+	- 4	22	923	0	5	25	1	.66	- 2.89	.41	10	2.6	1	22+	1	0	0						
BELLEVILLE SCOTT AF BS	38.2	16.5	27.4		60	20	- 2	22	1047	0	9	27	1	.44		.17	23	2.0	2	28	3	0	0						
CAIRO WB CITY	42.5	23.1	32.8	- 7.9	63	6	- 7	22	895	0	7	25	0	1.44	- 2.23	.51	10	2.4	1	21+	4	1	0						
CARBONDALE SEWAGE PLT	41.6M	19.5	30.6M	- 7.8	61	5	- 7	22	961	0	8	27	1	.58	- 2.47	.32	11	1.3	2	1	2	0	0						
CARLYLE	40.2M	16.3M	28.3M		61	20	- 3	22	1016	0	8	28	1	.15		.07	9	.5	1	11	0	0	0						
COBOEN 2 S	41.8	19.4	30.6		58	20+	- 7	22	955	0	7	26	1	.58		.35	10	2.2	0	1	0	0	0						
OU OQUIN 2 S	42.8	20.4	31.6	- 6.1	62	20	- 6	22	931	0	6	27	1	.18	- 2.53	.11	2	.0	0	1	0	0	0						
EAST ST LOUIS PARKS CO	39.1M	18.3M	28.7M		65	23	0	2+	1014	0	11	26	2	.44		.11	13	.0	0	2	0	0	0						
MAKANOA 1 NW	42.7M	20.5M	31.6M		60	20	- 1	22	925	0	4	23	1	.37		.27	10	2.0	1	21+	1	0	0						
NASHVILLE 3 NW	40.8	18.5	29.7		61	20	- 4	22	984	0	7	27	1	.61	- 1.85	.23	24	2.5	1	22+	2	0	0						
NEW BURNSIDE	43.3	19.4	31.4	- 6.8	61	6	- 6	22	936	0	5	26	1	.69	- 2.81	.37	10	2.1	1	22+	2	0	0						
SPARTA	42.9	20.7	31.8	- 6.0	62	20+	0	22	923	0	6	26	1	.26	- 2.15	.14	10	1.5	1	21	1	0	0						
WATERLOO	42.9	19.7	31.3		62	20+	0	22	937	0	8	26	1	.17	- 2.07	.14	11	1.8	1	21+	1	0	0						
DIVISION			30.6	- 7.6										.51	- 2.48			1.6											
<b>SOUTHEAST</b>																													
ALBION	41.0	19.2	30.1		60	20	- 5	22	970	0	9	25	2	.62		.23	10	2.7	1	22+	2	0	0						
BROOKPORT OAM 52	44.4	19.4	31.9		63	7+	- 8	22	922	0	5	25	1	1.06	- 2.83	.36	11	3.6	2	22+	5	0	0						
ELIZABETHTOWN	43.2	18.4	30.8		65	6	- 9	22	952	0	6	26	1	.72		.30	10	2.9	2	21	2	0	0						
FAIRFIELD RADIO WFIW	40.2	18.1	29.2	- 7.8	59	20	- 5	22	998	0	9	27	1	.36		.19	10	1.5	1	23+	2	0	0						
HARRISBURG	44.6	19.1	31.9	- 7.1	64	6	- 8	22	921	0	6	26	1	.60	- 2.44	.40	10	2.0	7	25+	2	0	0						
MC LEANSBORO	41.4	19.1	30.3	- 7.5	61	6	- 7	22	966	0	8	27	1	.40	- 2.42	.24	10	.5	1	21	1	0	0						
MOUNT CARMEL	39.2M	14.4M	26.8M		59	21+	- 3	21	1064	0	5	25	0	.25		.15	21	2.5	1	21	1	0	0						
MOUNT VERNON	40.5	18.4	29.5	- 6.8	61	20	- 3	21+	989	0	8	27	0	.28	- 2.35	.11	24	1.0	1	1	1	0	0						
DIVISION			30.1	- 7.8										.54	- 2.42			2.1											

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 A. CST	NOON CST	6:00 P. CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
CAIRO WB CITY	N	-	9.2	36	N	20	-	72	50	-	5	2	3	1	0	0	11	68	6.2
CHICAGO O'HARE AIRPORT	SSW	14	11.0	26++	N	7	69	69	58	60	11	7	1	0	0	0	19	-	6.0
CHICAGO MIDWAY AIRPORT	NW	18	12.0	28	NW	2	70	72	57	63	11	7	2	0	0	0	20	48	6.1
MOLINE WB AIRPORT	NW	13	10.7	30	NW	20	68	68	62	61	12	7	0	0	0	0	19	55	6.3
PEORIA WB AIRPORT	S	17	10.7	31	NW	2	74	76	63	68	15	4	2	0	0	0	21	56	6.8
ROCKFORD WB AIRPORT	S	10	10.1	27++	WNW	19	79	79	66	70	12	4	3	0	0	0	19	-	6.1
SPRINGFIELD WB AIRPORT	NW	12	12.3	30	NW	20+	66	68	58	65	9	4	1	1	0	0	15	52	7.1

See reference notes following Station Index.









DAILY TEMPERATURES

ILLINOIS  
FEBRUARY 1963

Station	Day Of Month																															Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ALBION	MAX	49	44	27	43	57	58	49	37	42	40	32	30	31	30	28	36	50	53	59	60	27	20	47	44	43	29	39	45					41.0
	MIN	14	25	3	18	27	34	34	25	24	32	18	9	20	18	4	11	28	30	33	27	0	-5	13	21	29	6	10	29					19.2
ALFOO	MAX	33	36	14	46	49	46	38	30	25	28	21	26	27	22	24	39	46	52	47	33	5	27	25	30	23	19	34	33					31.4
	MIN	11	8	-10	7	20	34	29	17	15	19	10	1	5	1	-5	12	32	31	32	3	-10	-6	8	6	10	-10	2	20					10.4
ALTON OAM 26	MAX	36	39	24	49	55	54	39	37	36	35	23	28	28	27	21	39	47	53	47	55	9	27	49	37	35	24	46	36					37.0
	MIN	19	9	3	24	27	33	31	26	28	22	15	11	13	12	6	19	29	27	29	7	2	4	11	21	12	5	12	26					17.3
ANNA 1 E	MAX	38	45	29	42	58	59	50	40	47	41	29	30	38	34	29	39	47	51	57	59	47	25	49	47	43	39	45	46					43.0
	MIN	20	26	5	19	26	30	35	29	29	28	18	12	21	25	8	14	25	24	33	31	2	-4	13	25	29	4	12	35					20.5
ANTIOCM	MAX	27	35	13	34	43	45	38	38	35	35	33	26	28	26	24	28	38	48	40	35	7	22	25	31	21	22	21	39					30.6
	MIN	9	5	-10	6	16	25	20	18	25	18	8	-5	2	12	-8	4	17	26	27	4	-11	-7	4	4	7	-6	2	16					8.1
AURORA COLLEGE	MAX	33	35	10	38	47	46	35	26	24	27	25	21	23	21	18	29	39	39	38	31	3	20	23	25	22	14	24	33					27.5
	MIN	9	-1	-16	4	17	21	25	13	12	20	7	-5	-5	4	-10	4	21	21	26	1	-9	-11	0	-2	0	-7	-4	20					5.5
BARRINGTON 1 NW	MAX	27	35	14	37	43	45	44	29	26	24	26	24	26	23	12	27	38	45	44	37	11	17	24	25	23	15	21	34					28.4
	MIN	10	12	-9	5	14	28	26	5	12	16	10	-6	-1	8	-7	2	23	29	28	2	-10	-8	3	0	12	-11	2	18					7.6
BELLEVILLE SCOTT AF BSE	MAX	37	41	25	50	58	56	38	35	39	36	22	28	29	29	23	38	47	53	56	60	19	24	51	36	36	22	44	37					38.2
	MIN	16	10	2	22	26	34	31	26	28	22	15	9	16	13	4	11	26	27	26	6	1	-2	12	22	13	5	14	27					16.5
BLOOMINGTON NORMAL	MAX	32	34	16	43	47	49	43	30	28	28	26	25	23	22	21	29	46	52	51	43	17	23	28	28	25	15	29	31					31.6
	MIN	13	16	-6	9	22	32	30	18	18	26	12	5	2	5	-2	13	28	29	34	17	-8	-5	10	7	15	-11	1	21					12.5
BROOKPORT OAM 52	MAX	50	54	30	44	58	63	63	41	47	41	35	30	40	35	31	40	50	53	56	54	30	25	49	43	49	34	48	51					44.4
	MIN	24	27	7	15	20	21	34	28	22	32	19	10	12	25	9	11	18	20	33	22	3	-8	18	27	32	12	11	38					19.4
CAIRO WB CITY	MAX	51	44	29	43	56	63	42	41	46	40	29	31	40	37	31	41	48	52	58	59	18	28	50	40	46	28	49	50					42.5
	MIN	28	18	10	24	28	29	34	29	28	29	22	18	22	23	13	19	27	28	38	16	8	7	23	31	28	15	19	34					23.1
CARBONALE SEWAGE PLANT	MAX	40	47	28	45	61	60	51	39	47	41	32	31	38	32	28	41	47	53	59	34	31	22	46	44	41	31	44	43					41.6
	MIN	17	26	5	19	23	25	34	29	27	30	19	12	20	24	8	13	21	21	30	24	3	-7	16	25	29	10	12	30					19.5
CARLINVILLE	MAX	36	37	25	52	60	55	40	35	34	34	25	27	25	25	26	39	51	56	53	55	17	25	44	37	32	21	41	35					37.2
	MIN	16	11	-1	19	23	34	30	22	24	25	12	5	11	9	0	11	29	29	31	17	-2	-5	12	16	20	-1	9	21					15.3
CARLYLE	MAX	37	42	42	49	58	58	43	37	40	36	30	30	30	28	27	39	50	55	57	61	21	22	49	37	25	43	40					40.2	
	MIN	9	15	2	17	20	26	32	27	24	28	17	16	14	14	2	11	27	26	25	20	1	-3	9	24	3	10	25					16.3	
CHAMPLSTON	MAX	35	39	19	44	52	53	44	32	34	34	28	24	24	24	22	33	47	53	55	52	18	20	38	36	31	20	29	36					34.9
	MIN	14	15	-2	16	26	35	31	20	21	27	14	5	12	10	0	9	28	28	32	17	-2	-6	9	15	19	-4	4	22					14.8
CHENOA	MAX	33	36	10	40	42	49	36	27	27	28	22	24	22	22	18	33	47	52	42	37	8	24	25	27	27	22	24	30					30.5
	MIN	5	8	-10	3	15	25	15	13	22	10	-1	5	6	3	16	26	28	30	30	8	-7	-7	5	6	7	5	6	20					10.4
CHICAGO O HARE AIRPORT	MAX	34	35	15	38	42	46	33	23	25	23	22	23	20	18	29	39	48	36	30	4	19	22	26	22	15	23	30					27.4	
	MIN	14	-1	-8	15	12	27	23	14	15	20	23	-9	-2	-3	-9	-5	27	29	29	-2	-8	-8	4	-1	3	-8	2	4					6.4
CHICAGO WB AIRPORT	MAX	35	36	15	40	44	45	33	24	26	26	24	22	22	21	18	29	41	50	37	31	3	20	25	25	22	17	24	29					28.0
	MIN	15	1	-5	15	22	31	24	13	15	22	9	2	5	4	-2	8	27	31	30	-1	-6	-7	7	5	5	-1	1	20					10.3
CHICAGO MIOWAY AIRPORT	MAX	36	37	18	39	37	47	33	24	27	27	25	24	24	21	20	29	40	50	39	31	5	20	24	27	25	16	26	28					28.5
	MIN	17	4	-1	18	30	33	24	13	16	22	14	12	13	6	4	13	28	33	29	2	-4	-3	11	14	9	6	5	20					13.9
COBORN 2 S	MAX	37	43	30	43	58	58	54	41	45	42	31	29	38	37	30	39	46	51	53	58	25	25	48	45	43	30	45	46					41.8
	MIN	18	26	5	18	24	27	34	28	24	31	19	10	16	25	7	12	24	22	30	28	2	-7	11	24	29	9	12	34					19.4
OANVILLE	MAX	35	38	20	41	50	49	42	33	31	32	28	25	23	24	20	32	45	53	53	45	21	20	31	32	29	18	28	35					33.3
	MIN	5	17	-5	8	14	22	32	17	15	27	7	0	5	13	-5	-1	26	28	24	18	-4	-9	3	7	17	-18	-16	15					9.4
OECATUR	MAX	35	35	20	46	55	55	42	30	33	32	23	26	25	23	25	35	49	55	52	48	8	23	32	32	32	30	31	34					34.5
	MIN	14	9	-5	15	22	32	29	20	19	22	14	4	7	7	-2	14	27	29	28	10	0	-5	5	10	8	-10	3	19					12.3
DIXON	MAX	31	35	9	42	45	45	38	26	25	26	23	22	24	20	19	33	38	48	43	34	5	22	25	29	24	17	28	32					28.9
	MIN	10	5	-12	6	14	28	26	16	13	19	8	-2	0	8	-6	11	25	26	31	5	-10	-8	3	-1	11	-10	1	18					8.4
OU QUOIN 2 S	MAX	38	44	28	46	58	60	48	38	48	42	30	32	35	36	36	41	49	55	58	62	27	24	50	47	47	30	47	43					42.8
	MIN	16	26	20	14	30	30	34	29	28	28	20	12	20	22	8	15	25	24	29	27	2	-6	13	24	29	9	11	29					20.4
EAST ST LOUIS PARKS COL	MAX	20	21	32	48	61	61	49	38	39	29	35	40	35	48	55	50	31	25	29	31	29	31	65	50	48	21	35					39.1	
	MIN	0	0	10	16	28	32	31	19	19	10	14	28	28	31	39	20	10	4	10	13	7	16	30	31	18	9	11	30					18.3
EFFINGHAM	MAX	35	40	24	48	56	55	44	32	37	34	28	26	27	25	23	37	49	56	56	55	20	22	41	41	32	22	36	37					37.1
	MIN	12	16	0	18	25	33	32	24	23	27	15	6	15	11	1	11	25	27	30	20	-1	-4	10										







# SNOWFALL AND SNOW ON GROUND

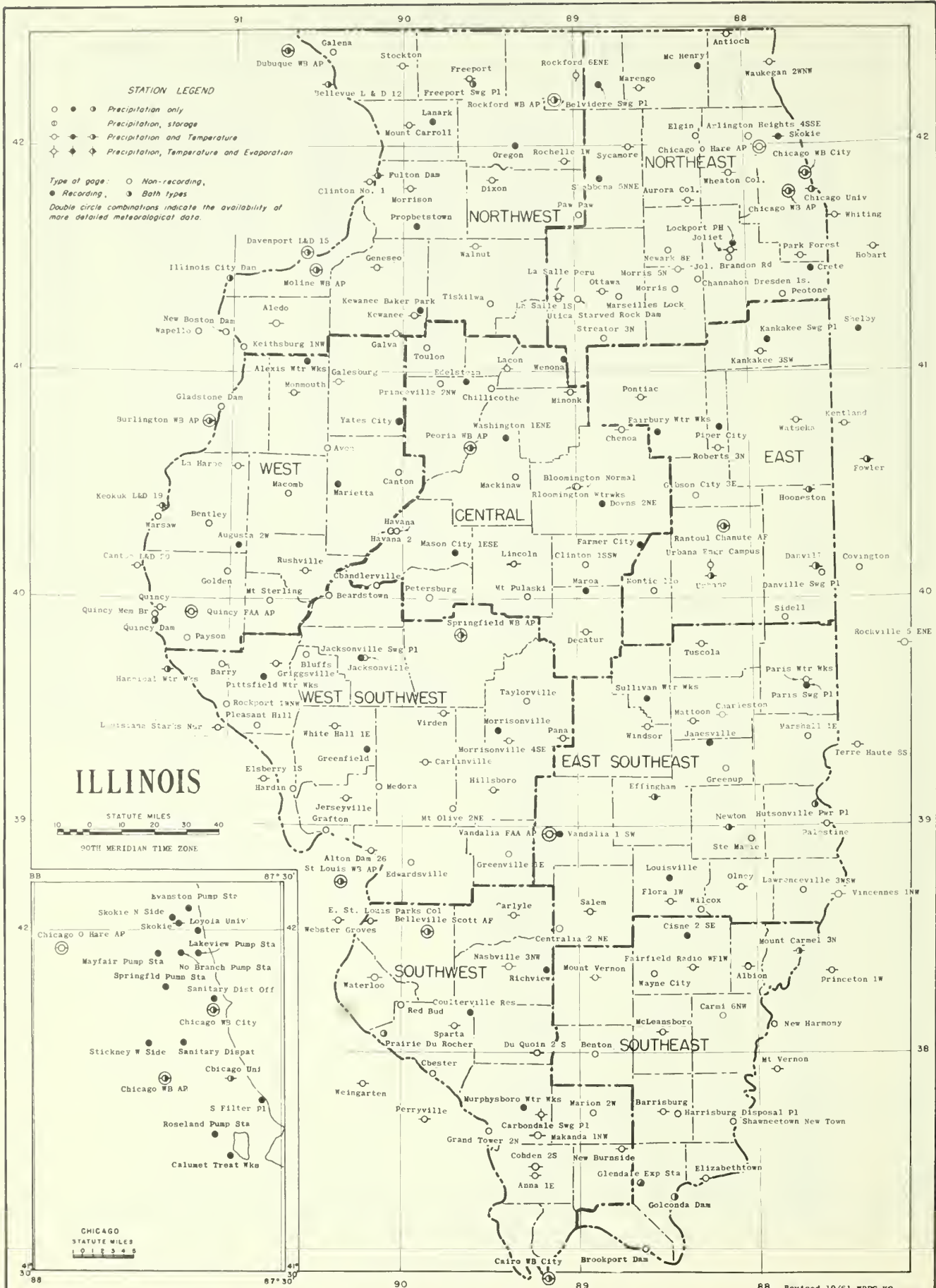
Station	Day of month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FREEPORT	SNOWFALL SN ON GND	.9 8	8	8	7	5	1	1	T	T	1.0 1	.8 2	1 2	.2 2	2	2	1			.6 1	1		.2 1		.7 1	1	1.3 2	2				
GALVA	SNOWFALL SN ON GND	1.5 12	10	10	8	5	4	3	3	3	1.0 4	.3 4	4	4	4	4	3	2	1	T		1.0 1	1	1	1.2 2	1.8 4	4	4	4			
GOLCONDA DAM 51	SNOWFALL SN ON GND	T									.5 1	T	T								1.5 2	1	T	T								
HARRISBURG	SNOWFALL SN ON GND										T	1.0 T										1.0 T	T	T	T							
HOOPESTON	SNOWFALL SN ON GND	3.8 7	4	4	3	1	T	T	T	.1 T	.3 T	T	T	T	T	T	T				.5 T	T	T	5.8 6	2.2 8	1.5 8	.6 8	T 8	6			
KANKAKEE 2 SW	SNOWFALL SN ON GND	3.5 11	T	10	9	8	7	2	T	2	.5 2	1.0 3	3	3	3	3	3	2	T	T		1.5 1	1	1	2.7 4	.9 5	5	5	1.3 5			
LA HARPE	SNOWFALL SN ON GND	5	3	3	2	T	T	T	T	2.0 2	2	1	1	1	1	1	1					T	T	3.0 3	1.0 3	3	3	2	2			
LINCOLN	SNOWFALL SN ON GND	6	4	4	3	T	T	T			.6 1	T 1	T 1	T 1	T 1	T 1							1.1 1	1	1	8.6 9	2.1 11	11	10	8		
MOLINE WE AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T 6 .6	5 .5	5 .5	4 .5	1	T	T	T	T	.9 1	.5 1	1	1	1	1	1	1	T	T	T	1.6 1	1	1	1.6 2	.5 2	1	1	1	T		
MONMOUTH	SNOWFALL SN ON GND	9	8	8	6	3				1.0 1	1	1	1	1	1	1	1					1.0 1	1		1.1 1	.4 1	1.4 2	1	1	1		
MORRISON	SNOWFALL SN ON GND	4.0 9	8	8	6	3	2	1	1	1	.5 2	2	2	1	1	1	1	1	1	1		1.2 1	1	1	1.0 2	.5 2	1	1	1	1		
MORRISONVILLE 4 SE	SNOWFALL SN ON GND	1	T	T							1.6 1	1	1	1	.5 1	1	1	T				.8 T	T	T	T	.5 T	.7 T	T	T			
MOUNT VERNON	SNOWFALL SN ON GND	1	T								T	T		.2 T									.5 T	T	T	.3 T						
NEWTON	SNOWFALL SN ON GND	2	2	T						T	1.0 1	T	T	1.5 T									1.0 1	.5 1	T	.5 T	.2 T					
OTTAWA	SNOWFALL SN ON GND	4.5 16	15	15	8	6	5	4	4		.5 4	5	5	5	5	4	4					T	1.3 1	1	1	2.0 3	2	2	.5 2	T	1	
PARK FOREST	SNOWFALL SN ON GND	.4 3	T	2	2	1	1				.2 T	T	.5 1	1	1	1	1						.8 1	1	1	3.0 3	3	2	.5 3	1		
PEORIA WE AP	SNOWFALL SN ON GND WTR EQUIV	4 3	2 .2	2 .2	1 .2	1	T	T	T	T	.7 1	1	1	.2 T	T	T	T	T	T	T		.4 T	T	T	3.1 3	1.7 3	3	2	2	T	.3	
PONTIAC	SNOWFALL SN ON GND	5.0 11	T	10	9	8	4	2	1	1	.5 2	T	T	T	T	2	2	1	1				1.0 1	1	1	3.3 5	2.0 5	5	5	.8 5		
QUINCY FAA AP	SNOWFALL SN ON GND	3	1	1	1						.6 1	1	1	1	1	1							.5 1	1	1	6.5 7	1.3 8	8	8	7		
RANTOUL CHANUTE AF BASE	SNOWFALL SN ON GND	T	6	6	3	2	T	T	T	T	.3 1	.5 T	T	T	.1 T	T	T	T	T	T		.5 1	1	1	6.4 6	1.8 8	8	7	.6 8	8		
ROBERTS 3 N	SNOWFALL SN ON GND	2.0 6	T	6	6	5	4	4	3		1.0 4	T	.2 4	T	T	4	4	4	3	2	1		.2 1	1	1	2.0 3	.8 4	1.5 6	.2 6	6		
ROCKFORD WE AP	SNOWFALL SN ON GND WTR EQUIV	T 6 .5	T 6 .5	T 5 .5	T 3 .5	T 2 .4	T 2 .4	T 2 .4	T 2 .4	T 2 .4	.4 4	2.3 4	.2 4	T 3	T 3	.3 3	T 3	T 2	T 1	T 1		1.6 1	T	1	1	1	1	1	1	1	1	.2
SPARTA	SNOWFALL SN ON GND	T	T								T	T	T	T									1.5 1	T	T		T					
SPRINGFIELD WE AP	SNOWFALL SN ON GND WTR EQUIV	T 2 .2	1	1	T	T	T	T			.2 T	.3 T	T	.8 T	T	T	T					.7 1	1	1	7.7 7	2.2 9	T	7	T	4	.4	
TYCAMGRE	SNOWFALL SN ON GND	9	9	9	4	T	T				1.0 1	1.0 2										2.0 2	2	3	3	2	2	2	2	2.0 4	2	
USSOLA	SNOWFALL SN ON GND	1.3 1	1	1	1	1					T	1.5 2	.5 2	1.5 4	4	4	3	1					1.5 2			3.5 3	2.0 3					
VALDALIA FAA AP	SNOWFALL SN ON GND	2	1	T							T	1.3 1	.5 1	T	T								.2 T	T	T	.2 T	T			.3		
WHITE HALL 1 E	SNOWFALL SN ON GND	3	2	2	T	T					T	T	.8 T	1	1	T							.3 T	T	T	T	1.0 1	1	1	T		
WINDSOR	SNOWFALL SN ON GND	1	1	1							.3 T	1.5 1	T	T	T	1	1	1					1.0 1	1	1	1	1	1	T	T		

## DAILY SOIL TEMPERATURES

DEPTH	Day of month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
URBANA																																	
4 INCHES	MAX	28	29	29	30	30	30	30	30	30	30	30	29	29	28										30	30	30	30					
	MIN	28	28	29	29	30	30	30	30	30	30	29	29	26	26										27	30	30	30					
8 INCHES	MAX	30	30	30	31	31	31	31	31	31	31	31	31	31	30										29	30	30	30					
	MIN	30	30	30	31	31	31	31	31	31	31	31	31	31	29										29	29	30	30					

AX AND MIN. FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS SOD. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.







U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

ILLINOIS

MARCH 1963  
Volume 68 No. 3



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 86° on the 29th at Carlinville and East St. Louis Parks Co.

Lowest Temperature: 0° on the 2+ at 3 stations

Greatest Total Precipitation: 9.88 inches at Palestine

Least Total Precipitation: 1.72 inches at Rockford 6 ENE

Greatest One-Day Precipitation: 3.28 inches on the 16th at Marion 2 W

Greatest Reported Total Snowfall: 12.2 inches at Rockford WB Airport

Greatest Reported Depth of Snow on Ground: 8 inches on the 1st at Sainte Marie

SPECIAL WEATHER SUMMARY

Precipitation was normal or slightly above over the north-east and north-central areas for the first month since last July. Over central and southern Illinois the period of below normal precipitation had lasted since last October. In the north and northwest precipitation was from 15 to 30 percent above normal, but 50 to more than 100 percent above in the south and central portions. Frozen ground and high percentage of runoff early in the month left a sub-soil moisture deficit in most areas.

Temperatures averaged 4° to 6° above normal over the

State. Zero minimums were recorded early in the month and maximums reached 80° or higher over most of the south and central portions on the 29th.

William L. Denmark  
Weather Bureau State Climatologist  
Station A, Box 143  
Champaign, Illinois

# CLIMATOLOGICAL DATA

ILLINOIS  
MARCH 1963

Station	Temperature										Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max.	Min.	31" or Above	31" or Below					Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWEST																											
ALEO	52.7	32.1	42.4	4.9	78	28	10	1	696	0	0	15	0	3.09	.44	.87	4	1.6	T	64	10	1	0				
DIXON	51.4	31.0	41.2	5.0	77	29+	8	1	732	0	0	17	0	2.78	.49	.67	19	6.5	T	13+	9	1	0				
FREEPORT	48.4	29.3	38.9	5.1	74	30+	4	1	804	0	2	21	1	2.82	.71	.63	19	7.5	T	11	7	3	0				
FULTON DAM 13	49.1	30.5	39.8		74	28	7	1	777	0	0	21	0	2.83		.84	19	7.5	T	13+	8	1	0				
GALVA	51.7	31.6	41.7	4.5	76	29+	14	1	714	0	0	17	0	3.48	.93	.63	4		T	7	12	3	0				
GENESEO	51.2	32.5	41.9		76	28	11	1	714	0	0	16	0	2.94	.53	.95	4	2.5	T	11	9	1	0				
KEWANEE	51.8	32.6	42.2		76	29	15	1	698	0	0	17	0	3.53		.79	4		T	13	10	1	0				
MOLINE WB AIRPORT	50.8	31.3	41.1	5.2	77	28	10	1	734	0	0	18	0	3.29	.90	.95	4	7.3	T	13	10	1	0				
MORRISON	51.0	30.4	40.7	4.4	75	29+	4	1	747	0	0	21	0	4.25	1.90	1.10	3	8.0	T	11	11	3	1				
MOUNT CARROLL	49.8	30.2	40.0	5.0	75	28	3	1	770	0	0	19	0	2.68	.45	.64	19	8.7	T	6	6	1	0				
PAW PAW	46.6	29.1	37.9		76	30	9	1	832	0	2	23	0	3.25	.77	.64	6	8.5	T	4	1	10	2				
ROCHELLE 1 W	46.7	28.7	37.7		75	30	3	1	839	0	2	21	0	1.90	-.30	.38	26	4.5	T	5	1	8	0				
ROCKFORD WB AIRPORT	47.3	29.4	38.4	4.4	74	29	4	1	819	0	1	23	0	2.94	.48	.58	19	12.2	T	3	8+	11	1				
STOCKTON	47.8	28.3	38.1		75	30	6	1	829	0	1	23	0	2.33		.60	19	7.3	T	4	11	7	1				
WALNUT	51.5	31.5	41.5	4.7	78	23	11	1	721	0	0	18	0	2.69	.38	.43	19	8.0	T	4	11	9	0				
DIVISION																											
			40.3	4.5										2.99	.61			6.4									
NORTHEAST																											
ANTIUCH	47.9	27.6	37.8		77	30	1	1	837	0	1	22	0	3.17		.80	19	7.5	T	5	10	8	2				
AURORA COLLEGE	49.9	30.4	40.2	4.7	79	29	9	1	759	0	0	21	0	2.67	.17	.46	19	4.2	T	3	11	9	0				
BARRINGTON 1 NW	49.7M	28.6M	39.2M		76	29	0	1	792	0	0	19	1	1.91		.43	11		T	4	11	7	0				
CHICAGO O HARE AIRPORT	49.4	30.2	39.8		80	29	3	1	776	0	0	19	0	2.26		.37	5	7.5	T	3	12	8	0				
CHICAGO UNIVERSITY	48.5	33.5	41.0	4.7	79	29	20	1	738	0	1	14	0	2.37	-.32	.40	11		T			9	0				
CHICAGO WB AIRPORT	50.0	33.0	41.5	5.2	79	29	16	1	720	0	0	15	0	2.44	-.30	.38	11	5.4	T	4	1	9	0				
CHICAGO WB CITY	48.3	34.9	41.6	4.6	78	29	21	1	720	0	1	15	0	2.47	-.33	.67	19		T			8	1				
JOLIET	52.6	32.2	42.4		80	29	12	1	693	0	0	16	0						T								
LA SALLE PFRU	52.5	33.1	42.8	4.6	80	29	9	1	684	0	0	16	0	3.68	1.08	.71	4	2.8	T			9	1				
MARENGO	47.9	26.3	37.1		74	29	3	1	858	0	1	24	0	3.88		.70	31	7.5	T	4	11	12	2				
MORRIS 5 N	50.8	30.8	40.8	3.5	79	29	7	1	744	0	0	22	0	3.23	.95	.53	13+		T	3	2+	8	2				
OTTAWA	52.1	32.6	42.4	4.5	78	29	10	1	696	0	0	14	0	3.80	1.22	.67	4	3.0	T	7	11+	10	2				
PARK FOREST	50.1	31.3	40.7		79	29	13	1	747	0	1	21	0	3.74		.48	5		T			13	0				
RYCAMORE	49.5	28.5	39.0	4.7	75	30+	3	1	797	0	1	24	0	2.93	.50	.45	5+	10.0	T	4	13	10	0				
WAUKEGAN 2 WNW	47.1	28.6	37.9	3.6	77	29	5	1	836	0	0	21	0	2.72	.34	.66	19	6.6	T	2	13+	10	1				
WHEATON COLLEGE	49.6	30.3	40.0		78	29	7	1	768	0	0	20	0	2.72		.45	19	5.8	T	3	11	9	0				
DIVISION																											
			40.3	4.3										2.93	.34			4.7									
WEST																											
GALESBURG	52.0	31.8	41.9		76	29+	15	1	710	0	0	17	0	3.91	1.06	.79	31	.7	T	5+	10	2	0				
GOLDEN	56.0	34.2	45.1		78	30+	5	1	617	0	1	13	0	4.16	1.40	1.21	4	1.0	T			8	2				
LA HARPE	54.6M	31.9M	43.3M	4.4	79	27	11	1	667	0	0	16	0	3.52	.72	1.24	4	.0	T	1	1	8	2				
MONMOUTH	52.6	32.5	42.6	4.7	76	29+	12	1	691	0	0	14	0	3.84	1.11	.92	4		T			10	2				
QUINCY	58.5	36.7	47.6	6.0	81	28	15	1	541	0	0	11	0	3.53	.97	1.58	4	.3	T	1	1	5	2				
QUINCY FAA AIRPORT	55.2	34.3	44.8		77	29+	10	1	623	0	0	14	0	3.82		1.64	4		T	4	1	6	2				
RUSHVILLE	58.5	34.9	46.7	6.8	80	29	15	1	571	0	0	16	0	3.89	1.19	1.60	4		T			8	1				
DIVISION																											
			44.6	5.5										3.81	1.03			.3									
CENTRAL																											
BLOOMINGTON NORMAL	54.2	33.9	44.1	5.0	78	29	14	1	644	0	0	14	0	6.15	3.36	2.01	31	.1	T	2	1	7	4				
CHENOA	53.2M	33.4M	43.3M		79	29			676	0	0			2.95		.92	31		T	11	8	2	0				
DECATUR	56.6	34.5	45.6	4.7	81	29	16	2	598	0	0	13	0	7.10	4.20	1.86	4	.0	T			12	4				
FARMER CITY	54.3	31.7	43.0		81	29	4	2	674	0	0	16	0	6.28		1.25	4	.8	T	4	1	11	4				
HAVANA	56.7	33.9	45.3	5.3	81	29	15	2	610	0	0	13	0	5.12	2.48	1.83	4		T			8	4				
LACON	53.7	32.8	43.3		78	29	11	1	668	0	0	15	0	3.91		.92	4	.5	T	1	5	9	2				
INCOLN	55.4	32.9	44.2	4.2	81	29	12	2	643	0	0	11	0	6.23	3.32	1.29	19	.4	T	6	1	8	5				
MASON CITY	54.8	33.3	44.1		80	29	6	2	646	0	0	12	0						T								
MINONK	52.3	32.0	42.2		78	29	11	1	700	0	0	15	0	4.37	1.81	.89	4		T	1	2+	8	5				
PEORIA WB AIRPORT	51.5	31.4	41.5	3.9	77	29	14	1	723	0	0	19	0	5.32	2.47	1.46	31		T	1	2+	8	3				
PRINCEVILLE 1 N	52.3M	31.8M	42.1M		76	29+	9	1	706	0	1	15	0	3.46	.98	1.10	26		T			7	2				
DIVISION																											
			43.5	4.4										5.09	2.28			.2									
EAST																											
DANVILLE	55.8	33.7	44.8	5.0	81	29	20	15	618	0	0	16	0	6.93	4.16	2.01	4		T	3	1	8	3				
HOPESTON	52.3	32.7	42.5	3.6	80	29	0	2	691	0	1	15	1	5.81	2.80	1.75	4	.2	T	6	1	11	4				
KANKAKEE 3 SW	52.1	31.9	42.0	4.3	81	29	5	2	708	0	0	16	0	2.21	.20	.51	4	1.5	T	4	1	6	1				
PONTIAC	53.5	33.3	43.4	4.8	79	29	10	2	662	0	0	13	0	2.08	.36	.43	6	.4	T	4	1	8	0				
PANTOLU CHANUTE AF BS	51.7	33.3	42.5		82	29	8	2	690	0	1	14	0	7.50		2.04	4		T	5	1	12	5				
ROBERTS 3 N	52.2	33.3	42.8		80	29	8	2	688	0	1	10	0	3.55	.80	1.58	4		T	5	1	8	2				
URBANA	52.9	34.3	43.6	4.1	80	29	14	2	655	0	0	14	0	6.84	3.67	2.26	4	.2	T								

# CLIMATOLOGICAL DATA

ILLINOIS  
MARCH 1963

CONTINUED

Station	Temperature													Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days				
										10° or Above	32° or Below	32° or Below	37° or Below					0° or Below	Total	Total	Max. Depth on Ground	Date	1.0 or More	5.0 or More	1.00 or More
WHITE HALL 1 E	58.8	35.2	47.0	4.8	82	29	18	2	555	0	0	13	0	6.06	3.40	1.95	4	T	0		8	4	2		
DIVISION			46.9	5.1										5.58	2.60				3						
EAST SOUTHEAST																									
CHARLESTON	57.3	36.5	46.9		80	29	21	2	557	0	0	12	0	7.09	3.75	2.18	5		.5	1	9	13	5	1	
EFFINGHAM	58.8	36.7	47.8	6.2	83	29	20	10	534	0	0	11	0	7.65	4.17	2.51	4	1.2	T	6+	13	5	2		
FLORA	58.6	35.7	47.2	3.2	80	29	15	2	546	0	0	13	0	7.11		1.68	16		5.5	3	2	11	6	2	
MARSHALL 1 E	57.6	34.5	46.1		80	29	16	2	581	0	0	17	0	8.73		3.22	4	2.0	2	0	1	13	5	2	
MATTOON	55.0	34.9	45.0		80	29	19	2	619	0	0	14	0	7.57		2.42	4	T	T	5	14	4	3		
NEWTON	59.1	36.9	48.0		81	29	15	2	527	0	0	11	0	7.57		1.91	4	6.5	3	1	12	6	2		
OLNEY	58.7	36.5	47.6		81	29	13	2	539	0	0	12	0	8.46		1.83	16	6.5	4	1	12	7	4		
PALESTINE	57.5	36.7	47.1	4.0	81	29	12	2	550	0	0	12	0	9.88	6.35	2.15	4	10.0	7	1	13	6	2		
PARIS WATERWORKS	56.0	35.8	45.9	5.1	81	29	18	2	591	0	0	12	0	7.46	4.22	2.78	4	1.0	T	1	11	6	1		
SALEM	60.0	36.1	48.1		81	29	16	2	520	0	0	12	0	6.86	3.41	1.37	16	7.0	4	1	11	8	2		
TUSCOLA	56.2	34.8	45.5		81	29	15	2	603	0	0	14	0	7.06	3.71	1.22	31	2.5	0		12	6	3		
VANDALIA FAA AIRPORT	57.6	34.7	46.2		81	29	20	2+	580	0	0	14	0	8.63		3.15	4	T	T	9+	10	4	3		
WINDSOR	57.0	34.1	45.6	4.7	80	29	19	2	596	0	0	14	0	6.54	3.17	2.13	4	2.0	0		9	5	2		
DIVISION			46.7	4.5										7.74	4.31				3.4						
SOUTHWEST																									
ANNA 1 E	63.1	40.5	51.8	5.7	80	29	28	22+	413	0	0	8	0	8.50	3.71	2.91	16	.8	T	1	10	5	3		
BELLEVILLE SCOTT AF BS	58.9	36.9	47.9		83	29	23	2+	531	0	0	12	0	6.29		1.79	16	1.0	T	5+	9	4	2		
CAIRO WB CITY	63.9	43.9	53.9	5.7	82	29	31	2	354	0	0	2	0	5.10	.31	1.87	4		T	0	7	4	1		
CARBONDALE SEWAGE PLT		38.3					24	2				11	0	7.15	2.96	1.52	5	1.8	1	1	11	6	2		
CARLYLE	60.7M	35.1M	47.9M		82	29	10	20	526	0	0	14	0	6.59		1.40	16+	5.1	5	1	11	6	2		
CODDEN 2 S	63.1	39.6	51.4		79	29	26	22+	425	0	0	11	0	8.11		2.88	16	.0	0		9	7	2		
DU QUOIN 2 S	62.3	38.9	50.6	5.0	82	29	23	2	444	0	0	8	0	6.60	2.81	1.45	16	3.0	0		11	7	1		
EAST ST LOUIS PARKS CO	64.0M	36.2M	50.1M		86	29	19	8	467	0	0	12	0	6.61		2.40	30	.0	0		7	5	2		
MAKANOA 1 NW	63.5	39.5M	51.5M		80	29	21	15	438	0	0	0	0	8.45		3.25	16	1.0	1	1	9	6	1		
NASHVILLE 3 NW	61.2M	37.0M	49.1M		79	29	14	2	486	0	0	11	0	6.33	2.99	1.48	16	5.0	2	1	11	7	2		
NEW BURNSIOE	64.7	39.9	52.3	6.3	81	29	21	22	400	0	0	9	0	8.75	4.07	2.58	16	1.0	1	1	10	7	4		
SPARTA	63.1	39.6	51.4	5.6	81	29	25	22+	425	0	0	9	0	5.90	2.50	1.56	16	4.5	3	1	9	6	1		
WATERLOO	64.0	39.3	51.7		85	29	25	2+	417	0	0	9	0	4.96	1.83	1.88	5	4.0	4	1	6	3	2		
DIVISION			50.8	5.2										6.87	2.77				2.1						
SOUTHEAST																									
ALBION	60.5	39.1	49.8		81	29	21	2	469	0	0	9	0	8.33		2.06	16	5.0	1	2	11	7	2		
BROOKPORT OAM 52	61.9M	40.8M	50.3M		78	31	24	2	427	0	0	0	0	6.13	1.29	2.04	5	.0	0		9	4	3		
ELIZABETHTOWN	63.6	39.5	51.6		82	31	25	10+	418	0	0	10	0	9.12		1.32	5	.1	0		11	9	4		
FAIRFIELD RADIO WFIW	59.8	37.4	48.6	3.8	81	29	17	2	509	0	0	11	0	7.57		1.86	16	5.0	5	1	11	5	2		
HARRISBURG	64.9	39.7	52.3	5.5	83	29+	24	2	396	0	0	10	0	8.22	3.89	2.04	16	3.0	2	1	9	7	4		
MC LEANSBORO	61.9	39.2	50.6	4.9	82	29	23	2	447	0	0	10	0	8.38	4.51	2.15	16	4.0	3	1	11	7	2		
MOUNT CARMEL	59.2	35.0	47.1		80	30	17	1	552	0	0	15	0	8.80		2.70	5	4.2			11	6	4		
MOUNT VERNON	60.9	37.9	49.4	5.1	82	29	21	2	486	0	0	10	0	6.98	3.21	1.92	5	3.5	2	2+	11	5	2		
DIVISION			50.0	4.3										7.94	3.70				3.1						

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.			Relative humidity averages percent				Number of days with precipitation					Percent of possible sunshine	Average sky cover sunrise to sunset			
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 A.M. CST	NOON CST	6:00 P.M. CST	Trace	01--09	10--49	50--99			100--199	200 and over	Total
CAIRO WB CITY	S	-	10.9	36	SW	29	-	74	57	-	4	2	3	3	1	0	13	66	5.5
CHICAGO O'HARE AIRPORT	SSW	15	12.1	36++	SSW	29	74	77	63	67	3	9	8	0	0	0	20	-	7.4
CHICAGO MIDWAY AIRPORT	SW	14	12.3	39	S	29	77	77	64	70	6	6	9	0	0	0	21	42	7.4
MOLINE WB AIRPORT	WNW	11	12.4	46	SEW	16	66	72	58	59	2	4	9	1	0	0	16	48	6.8
PEORIA WB AIRPORT	S	15	11.9	38	W	19	78	85	66	69	7	3	5	1	2	0	18	50	6.8
ROCKFORD WB AIRPORT	WNW	10	11.8	30++	SSW	29	78	83	68	73	4	4	10	1	0	0	19	-	7.3
SPRINGFIELD WB AIRPORT	SSE	10	14.0	42	W	19	73	77	66	66	7	3	7	2	1	0	20	54	6.2









# DAILY TEMPERATURES

ILLINOIS  
MARCH 1963

Station	Day Of Month																															Average						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		MIN					
ALBION	38	28	45	21	66	34	60	48	52	51	52	60	54	52	65	70	68	47	53	60	65	54	72	53	48	53	68	73	66	58	68	78	81	76	68	60.5		
ALEOO	37	10	47	26	51	33	44	35	37	23	42	48	43	42	39	44	42	44	46	60	60	43	33	44	42	52	70	75	74	51	63	70	78	76	79	63	52.7	
ALTON DAM 26	40	25	53	27	62	38	58	39	46	28	50	57	45	48	37	66	53	47	51	69	59	47	62	50	46	53	73	74	67	58	67	76	85	64	69	57.8		
ANNA 1 E	39	28	53	28	66	30	67	54	52	30	55	62	55	54	67	76	68	47	55	64	70	61	76	55	51	56	68	73	67	62	69	77	80	78	79	63.1		
ANTIOCH	41	1	37	18	42	31	34	32	38	25	39	42	39	41	34	38	40	28	40	42	40	49	53	38	47	40	40	47	67	67	62	55	67	59	73	77	64	47.9
AURORA COLLEGE	34	9	39	14	42	33	44	35	40	26	48	45	42	39	36	42	36	40	43	55	54	41	58	40	41	47	71	71	62	57	68	75	79	73	59	49.9		
BARRINGTON 1 NW	35	0	37	18	40	31	41	33	32	28	42	40	40	35	39	35	37	40	51	55	41	53	45	38	47	70	70	69	58	65	64	76	73	73	49.7			
BELLEVILLE SCOTT AF 8SE	39	23	49	23	64	33	57	42	51	30	53	60	44	48	62	70	57	47	53	67	57	47	68	53	45	51	72	75	68	58	71	81	87	65	71	58.9		
BLOOMINGTON NORMAL	33	14	40	17	53	33	54	39	42	26	44	49	45	44	44	54	53	43	45	55	55	51	61	45	42	48	70	73	72	58	68	74	78	59	54.2			
BROOKPORT DAM 52	44	30	55	24	67	44	70	58	49	33	57	62	59	56	63	74	66	49	55	66	66	54	50	50	62	62	68	66	62	66	73	76	75	78	61.9			
CAIRO WB CITY	41	32	55	31	69	47	51	56	51	35	56	64	54	56	70	76	61	49	59	68	75	56	76	60	50	56	67	71	65	63	67	78	82	79	81	63.9		
CARBONALE SEWAGE PLANT	34	28	48	24	62	44	58	44	40	31	31	25	38	28	41	36	44	35	25	41	54	38	50	39	30	26	32	39	56	44	38	41	45	62	56	38.3		
CARLINVILLE	38	22	52	18	68	42	56	43	49	28	53	57	49	52	59	67	60	47	51	68	62	57	65	51	45	56	74	77	68	58	73	79	86	69	65	59.8		
CARLYLE	42	26	46	19	64	43	57	53	52	26	54	60	52	50	59	70	64	50	65	65	47	71	54	48	55	70	74	66	57	71	86	82	75	70	60.7			
CHARLESTON	36	24	44	21	61	33	53	50	50	28	48	53	49	47	52	63	60	43	48	60	60	53	68	48	44	51	70	74	66	59	70	76	80	75	65	57.3		
CHENOA	42	30	52	14	67	43	52	37	43	30	27	45	26	25	32	35	32	28	24	35	56	37	30	37	33	26	23	32	48	70	73	62	56	68	75	79	60	53.2
CHICAGO O HARE AIRPORT	34	3	40	13	43	33	38	34	36	28	29	30	45	43	37	36	40	35	40	44	57	55	37	58	40	41	48	72	74	65	56	67	60	80	75	60	49.4	
CHICAGO UNIVERSITY	32	20	38	22	42	35	45	35	40	28	42	46	45	24	38	42	34	38	43	57	54	38	60	40	35	41	69	74	63	54	69	75	79	68	55	48.5		
CHICAGO WB AIRPORT	33	16	39	19	47	35	44	36	38	27	41	47	45	25	37	43	35	40	45	57	53	38	60	40	38	46	71	73	64	56	69	72	79	72	57	50.0		
CHICAGO WB CITY	29	21	38	24	41	35	43	36	39	29	41	46	43	32	35	40	42	35	40	42	57	54	38	57	40	35	42	69	71	62	56	66	55	78	68	60	48.3	
COBORN 2 S	39	27	52	26	67	43	67	55	54	29	55	60	58	54	62	74	70	48	57	67	70	60	76	55	51	55	71	71	68	62	67	76	79	75	77	63.1		
DANVILLE	34	21	43	27	59	33	58	45	43	28	45	50	50	44	49	55	54	42	48	58	59	54	66	45	41	50	69	74	69	58	69	75	81	75	69	55.8		
DECATUR	36	18	49	16	64	36	54	39	46	26	49	53	47	47	51	58	51	49	47	60	59	53	65	49	46	49	71	75	65	55	70	78	81	70	70	56.6		
OION	35	8	43	24	47	33	37	34	24	24	41	46	41	36	45	40	42	43	56	58	42	51	41	42	49	73	75	67	60	71	77	77	75	75	51.4			
DU QUOIN 2 S	38	27	52	23	66	35	65	55	54	30	55	60	58	54	60	70	71	48	55	67	67	53	75	54	50	55	69	73	69	64	66	79	82	78	69	62.3		
EAST ST LOUIS PARKS COL	42	22	55	27	69	40	67	50	53	29	57	49	51	54	65	70	70	69	61	60	64	70	69	60	55	56	76	77	74	63	73	80	86	84	55	64.0		
EFFINGHAM	38	25	46	22	60	33	53	50	49	28	59	57	50	50	57	69	65	46	48	61	63	54	69	50	45	53	72	74	66	58	70	79	83	72	65	58.8		
ELIZABETHTOWN	40	30	54	25	70	48	69	55	51	31	56	63	55	55	70	75	69	48	57	65	73	60	77	57	48	51	68	74	65	59	70	80	80	76	82	63.6		
FAIRFIELD RADIO WFIW	36	26	43	17	63	40	60	58	50	30	50	57	56	49	62	69	61	46	52	59	66	57	73	53	49	52	68	72	68	58	68	76	81	77	66	59.8		
FARMER CITY	33	10	41	4	57	36	48	38	44	26	46	51	48	42	48	57	51	43	45	58	57	52	65	47	43	50	70	74	64	56	68	75	81	70	64	54.3		
FLORA	39	26	43	15	57	37	58	50	50	28	52	58	50	61	70	62	44	51	61	65	47	73	50	45	51	70	73	63	58	69	78	80	74	65	58.6			
FREEPORT	32	20	40	20	42	31	37	37	33	20	41	38	36	35	43	39	40	41	55	55	41	47	37	39	24	18	34	46	52	32	34	33	74	74	64	40	48.4	
FULTON DAM 13	36	7	41	23	41	40	33	36	39	24	24	26	17	20	31	26	29	24	24	34	36	30	30	32	25	22	32	46	44	35	34	38	55	39	46	30.5		
GALESBURG	37	15	43	25	52	34	45	36	39	25	44	50	49	42	42	43	40	44	45	59	50	45	46	45	43	50	72	75	69	57	65	76	76	78	52	52.0		
GALVA	35	14	44	23	54	32	45	35	38	25	42	48	43	42	38	42	41	42	43	56	55	43	53	43	42	50	72	75	71	59	63	76	76	72	65	51.7		
GENESE0	38	11	44	26	47	34	39	35	36	25	40	41	40	41	36	43	41	42	44	56	56	41	54	42	43	50	73	73	69	65	69	76	75	72	65	51.2		
GOL0EN	32	5	45	17	55	40	55	40	39	24	45	50	52	47	47	49	48	44	49	59	68	46	56	48	48	50	70	72	76	72	68	78	88	79	50	56.0		
GRIGGSVILLE	36	16	49	24	54	40	54	40	43	25	51	55	48	46	54	57	48	47	50	68	66	54	58	50	45	55	74	78	72	60	73	80	73	68	57.5			
HARRISBURG	42	30	55	24	72	51	70	57	54	32	55	68	62	55	70	77	69	49	54	65	70	62	78	56	53	54	71	75	66	61	71	83	83	79	75	64.9		

See reference notes following Station Index.





DAILY TEMPERATURES

Continued

Station		Day Of Month																															Average		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
PRINCEVILLE 1 N	MAX	32	41	51	46	36	39	43	49	44	43	43	43	41	41	57	58	50	45	56	43	41	49	71	71		73	73	76	76	71	66	52.3		
	MIN	9	19	34	32	28	26	28	26	28	23	33	39	29	28	25	38	35	26	34	33	25	22	36	46		34	36	36	54	41	50	31.8		
QUINCY	MAX	40	51	60	54	38	42	54	57	49	48	52	52	43	50	51	73	62	51	56	57	49	57	74	78	77	61	75	81	80	70	73	58.5		
	MIN	15	28	34	38	33	25	29	29	23	25	37	36	35	29	31	43	34	33	43	37	28	25	45	56		55	39	44	63	48	56	36.7		
QUINCY FAA AIRPORT	MAX	39	45	57	49	37	39	47	51	47	46	51	49	41	45	50	68	54	49	56	49	45	54	72	76	74	58	69	77	77	69	72	55.2		
	MIN	10	24	33	34	27	25	27	25	23	22	37	35	34	28	28	43	33	31	40	32	27	25	42	53		46	39	39	41	54	49	34.3		
RANTOUL CHANUTE AF BASE	MAX	30	37	51	45	38	41	44	48	43	40	46	51	40	40	45	58	54	51	64	43	41	46	69	74	61	51	69	73	82	67	60	51.7		
	MIN	13	8	33	35	33	28	31	29	30	28	34	40	33	30	26	35	35	32	36	32	27	24	30	41		47	36	33	38	50	51	53	33.3	
ROBERTS 3 N	MAX	32	37	50	47	39	41	45	48	46	42	41	52	43	40	42	55	55	48	53	42	40	48	69	74	68	56	67	75	80	72	66	52.2		
	MIN	12	8	33	37	33	33	30	39	28	27	31	36	33	28	24	33	28	24	33	37	30	41	35	35		22	34	40	49	34	35	35	33.3	
ROCHELLE 1 W	MAX	23	32	42	40	37	33	35	38	43	38	37	35	38	38	40	42	54	41	42	53	42	39	47	71	72	64	64	45	65	74	75	73	46.7	
	MIN	3	12	26	33	28	25	21	29	18	10	24	29	26	26	24	33	36	30	29	30	28	20	30	39		46	38	31	38	42	36	50	28.4	
ROCKFORD W8 AIRPORT	MAX	31	39	40	37	33	35	37	42	38	37	35	40	36	38	41	55	53	36	50	37	38	47	71	72	61	45	66	71	74	73	57	47.3		
	MIN	4	19	33	31	27	26	22	23	16	22	29	32	27	25	23	36	35	29	31	30	25	20	31	40		45	32	32	32	50	37	46	29.4	
RUSHVILLE	MAX	37	43	59	58	45	49	54	52	50	47	58	52	54	51	50	66	62	52	55	48	41	55	78	78	72	68	72	78	80	75	79	58.5		
	MIN	15	20	32	37	33	24	32	30	23	22	37	30	32	29	26	41	34	30	41	36	26	24	33	49		42	36	39	41	56	59	49	34.9	
SALEM	MAX	38	47	61	56	51	51	53	59	52	51	59	71	65	47	51	62	65	49	72	52	45	53	70	78	68	58	71	79	81	76	69	60.0		
	MIN	27	16	27	39	37	27	29	23	34	30	38	30	39	34	23	41	48	35	44	39	29	25	40	50		53	33	44	53	41	32	45	45	57
SPARTA	MAX	40	52	67	60	53	55	56	64	58	53	63	74	69	50	56	65	65	59	72	55	51	55	72	76	69	64	71	80	81	78	73	63.1		
	MIN	26	25	35	49	40	30	30	30	35	30	39	38	43	35	27	44	50	37	46	37	29	25	40	50		55	41	41	47	60	57	58	39.6	
SPRINGFIELD W8 AIRPORT	MAX	32	43	62	50	38	44	48	52	45	44	52	58	40	44	47	62	57	51	62	48	44	50	72	77	63	54	71	77	82	68	63	54.8		
	MIN	12	13	30	35	30	28	29	28	29	27	36	33	35	31	28	43	33	31	40	33	28	25	37	47		47	38	34	40	58	49	58	34.4	
STOCKTON	MAX	35	41	39	36	30	34	36	39	36	37	34	41	40	40	51	50	40	40	44	35	49	42	70	70	63	55	69	74	71	75	65	47.8		
	MIN	6	23	32	30	24	22	18	17	13	15	28	32	27	22	35	35	27	29	28	29	20	19	33	42		48	32	42	48	32	51	32	42	28.3
SYCAMORE	MAX	35	40	40	40	32	56	39	43	40	38	34	39	37	41	41	53	54	37	53	38	40	48	71	70	61	55	70	74	75	75	67	49.5		
	MIN	3	17	31	31	27	24	22	24	17	22	27	31	28	25	22	33	35	28	27	28	22	18	30	40		46	31	32	32	45	38	49	28.5	
TUSCOLA	MAX	33	45	62	52	44	46	48	53	46	45	50	57	55	43	47	60	59	54	67	47	43	50	71	74	66	57	69	75	81	73	69	56.2		
	MIN	21	15	30	44	35	27	30	28	31	28	35	33	35	31	25	37	41	31	43	35	28	23	31	42		48	37	33	37	56	52	56	34.8	
URBANA	MAX	34	44	60	46	38	43	46	49	42	43	48	53	42	41	45	59	55	51	65	46	42	48	68	73	59	51	67	74	80	69	60	52.9		
	MIN	17	14	32	35	31	27	30	29	31	28	35	39	33	31	28	38	36	34	37	32	28	25	34	40		49	36	36	43	51	51	53	34.3	
VANOALIA FAA AIRPORT	MAX	40	50	63	59	41	49	51	57	48	48	58	68	54	45	51	64	55	51	67	51	45	53	69	73	62	53	69	78	81	65	68	57.6		
	MIN	20	20	27	39	31	29	29	27	32	28	37	30	35	27	24	44	34	34	42	34	28	23	33	43		48	40	36	37	55	54	57	34.7	
VIROEN	MAX	35	45	65	57	45	46	50	56	48	46	56	63	55	46	49	64	62	55	63	50	45	73	77	65	59	57	72	77	84	76		58.0		
	MIN	20	20	31	43	34	27	28	26	28	26	37	32	35	32	29	40	38	31	41	37	37	34	46	52		37	38	38	42	53	50	35.4		
WALNUT	MAX	34	43	48	43	34	38	40	47	42	40	36	40	39	42	45	56	55	44	56	42	43	49	78	76	68	59	69	75	77	73	65	51.5		
	MIN	11	21	33	33	30	24	26	27	28	21	31	33	28	24	24	35	36	31	29	28	24	19	33	47		50	32	36	37	55	40	50	31.5	
WATERLOO	MAX	42	53	67	62	52	54	55	65	60	52	65	73	68	49	55	75	73	56	68	54	50	56	76	72	71	70	72	80	85	80	74	64.0		
	MIN	25	25	35	50	37	29	30	29	33	30	38	38	40	35	28	43	47	36	44	37	29	28	50	54		51	42	41	45	60	50	58	39.3	
WATSEKA 2 NW	MAX	33	36	48	47	35	40	41	48	46	42	40	53	47	39	42	58	43	50	63	44	40	47	68	72	68	58	68	74	80	72	69	52.0		
	MIN	12	0	33	34	34	28	31	29	29	28	31	36	33	24	24	34	31	29	41	30	27	22	34	41		51	35	31	33	56	45	52	32.2	
WAUKEGAN 2 WNW	MAX	35	38	44	36	33	37	40	43	38	37	34	37	34	40	39	42	55	39	50	38	38	37	70	70	67	57	65	57	77	71	61	47.1		
	MIN	5	18	32	31	28	26	26	26	15	19	26	31	28	22	21	33	38	26	27	26	24	20	21	44		50	34	35	33	35	45	41	28.6	
WHEATON COLLEGE	MAX	33	39	43	39	35	37	40	44	41	40	35	42	36	40	42	54	55	39	56	39	40	47	70	70	67	58	69	72	78	72	66	49.6		
	MIN	7	16	32	32	31	26	27	28	19	23	28	34	29	26	22	34	37	27	29	30	24	20	33	41		50	34	34	32	43	42	49	30.3	
WHITE HALL 1 E	MAX	36	51	65	60	47	45	51	55	52	46	56	61	60	45	49	68	68	56	60	49	45	52	73	76	71	60	70	77	82	73	65	58.8		
	MIN	21	18	28	42	35	27	28	24	27	26	37	33	35	29	25	42	37	32	43	35	28	25	35	47		51	37	36	40	59	51	58	35.2	
WINOSOR	MAX	35	45	67	52	48	47	49	53	47	49	53	65	56	45	48	62	62	53	67	48	44	50	70	73	63	58	68	77	80	70	64	57.0		
	MIN	20	19	30	42	34	27	29	27	31	25	35	33	37	30	25	39	41	29	41	35	27	22	32	41		49	37	37	39					

# SNOWFALL AND SNOW ON GROUND

ILLINOIS  
MARCH 1963

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION	SNOWFALL SN ON GND	5.0 3	1																														
ANNA 1E	SNOWFALL SN ON GND	.8 T																															
ANTIOCH	SNOWFALL SN ON GND	1	T	T	T	T	T	2.0	T	1	5.0	3	1	.5	T	T	1	T	T														
AURORA COLLEGE	SNOWFALL SN ON GND	1	1	T		.2	T			T		3.3		.7							T										T		
BELLEVILLE SCOTT AF BASE	SNOWFALL SN ON GND	1.0 T			T	T	T			T																							
BLOOMINGTON NORMAL	SNOWFALL SN ON GND	2	1	T				.1																									
CAIRO WB CITY	SNOWFALL SN ON GND	T																															
CARLINVILLE	SNOWFALL SN ON GND						T			T																							
CHICAGO O HARE AIRPORT	SNOWFALL SN ON GND WTR EQUIV	2 1 .3	.2 T	.8 T	T	T	T	.3	.7	T	T		4.0	T	1.4	3	1	T	T														
CHICAGO WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	4 3 .3	T 3	.2 1	T	T	1.2	.5	T	T	T	3.2	.3	T	T	T																	
DIXON	SNOWFALL SN ON GND					T	2.0	2						3.0	1.5	1	2															T	
FREEPORT	SNOWFALL SN ON GND	2	T		T	3.0	3	.5	T	T	T		3.5	4	1	1	.5																
GALVA	SNOWFALL SN ON GND						T	T	T																								
HARRISBURG	SNOWFALL SN ON GND	3.0 2																															
HOOPSTON	SNOWFALL SN ON GND	6	5	1				.2																									
KANKAKEE 3 SW	SNOWFALL SN ON GND	.1 4	3	T	T	T	1.0	T	T	T			T	.4	T	T																	
LA HARPE	SNOWFALL SN ON GND	1	T	T																													
LINCOLN	SNOWFALL SN ON GND	6	3	T				.4	T																								
MOLINE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T	T	T	T	.7	.2	T					3.0	T	3.4	3	.4	T														T	
MORRISON	SNOWFALL SN ON GND					.7	1.3	1	1					4.0	4	1	2.0																
MORRISONVILLE 4 SE	SNOWFALL SN ON GND													.8																			
MOUNT VERNON	SNOWFALL SN ON GND	2.5 2	1.0 2	T				T	T																								
NEWTON	SNOWFALL SN ON GND	6.5 3	T					T	T																								
OTTAWA	SNOWFALL SN ON GND	T	T			T	T						2.0	T	1.0																	T	
PARK FOREST	SNOWFALL SN ON GND		T					T																									
PEORIA WB AIRPORT	SNOWFALL SN ON GND	1	1	T				T	T				T		T																		
PONTIAC	SNOWFALL SN ON GND	4	3	2				.4																									
QUINCY FAA AIRPORT	SNOWFALL SN ON GND	4	3	1				T	T																								
RANTOUL CHANUTE AF BASE	SNOWFALL SN ON GND	5	3	1	T	T	T	T	T																								
ROBERTS 3 N	SNOWFALL SN ON GND	5	3	1				T																									
ROCKFORD WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	1	1	.2	T	2.8	1.0	1.5	T	T	1	1	3.5	T	1.5	1	T															1.6	
SPARTA	SNOWFALL SN ON GND	4.5 3	T																														
SPRINGFIELD WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	3 3 .3	3 5	1				.1	.1	T																							
SYCAMORE	SNOWFALL SN ON GND	T	T	T	T		3.0	3					3.0	3	T	4.0	4	T	T	T													
TUSCOLA	SNOWFALL SN ON GND							T	T				2.5																				
VANDALIA FAA AIRPORT	SNOWFALL SN ON GND	T			T	T	T						T	T																			
WHITE HALL 1 E	SNOWFALL SN ON GND												T	T																			
WINDSOR	SNOWFALL SN ON GND												2.0																				

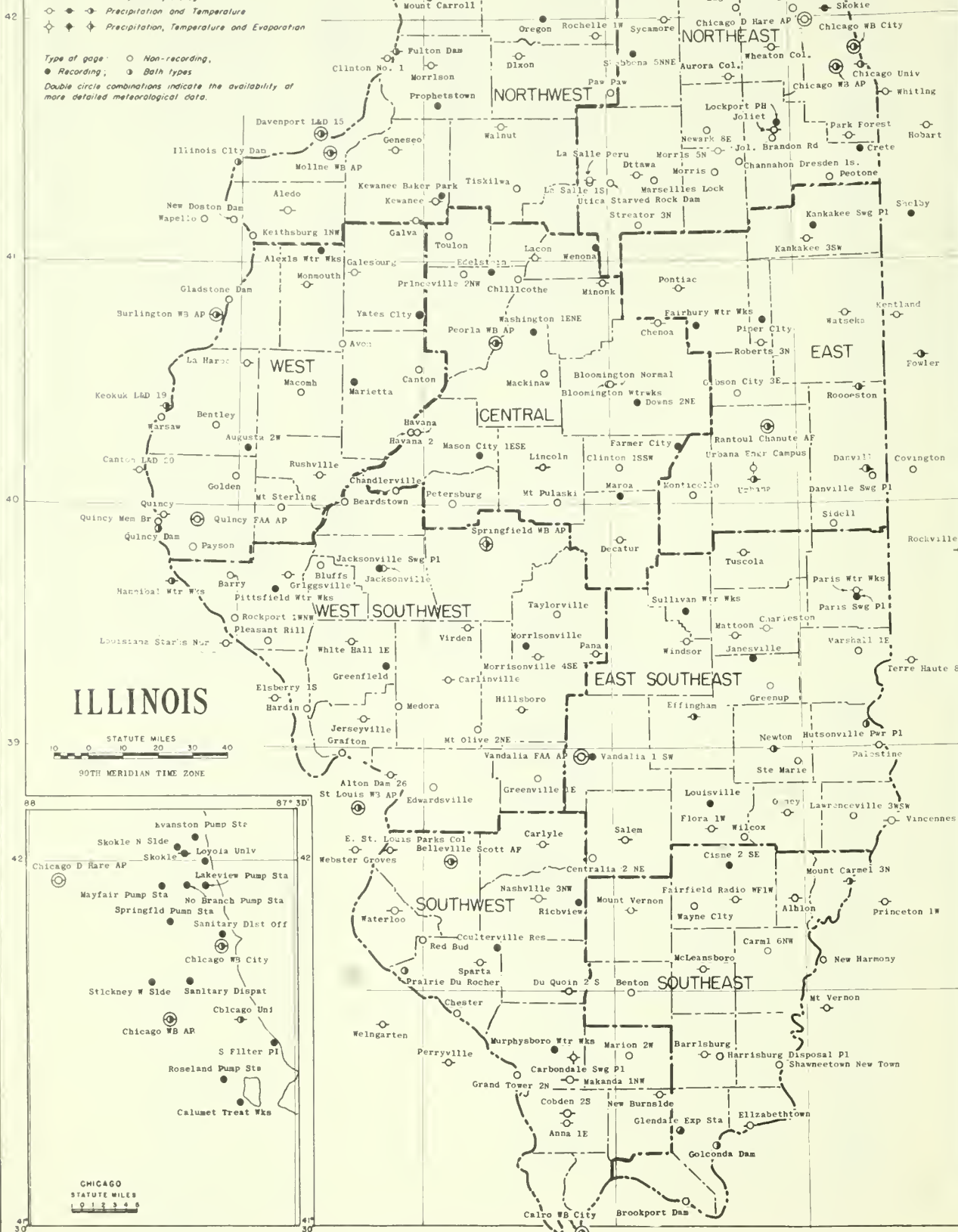
See reference notes following Station Index





STATION LEGEND

- ● ○ Precipitation only
  - ○ Precipitation, storage
  - ◇ ○ Precipitation and Temperature
  - ◇ ◇ Precipitation, Temperature and Evaporation
- Type of gage: ○ Non-recording,  
● Recording, ◇ Both types
- Double circle combinations indicate the availability of more detailed meteorological data.



ILLINOIS



CHICAGO



U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

ILLINOIS

APRIL 1963

Volume 68 No. 4



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 92° on the 22d at Waterloo

Lowest Temperature: 21° on the 10th at Marengo

Greatest Total Precipitation: 5.68 inches at Wheaton College

Least Total Precipitation: 0.84 inch at Harrisburg Disposal Pl.

Greatest One-Day Precipitation: 2.62 inches on the 29th at Rockford WB Airport

Greatest Reported Total Snowfall: Trace at 23 Stations

Greatest Reported Depth of Snow on Ground: Trace on the 30+ at 3 stations

SPECIAL WEATHER SUMMARY

Precipitation averaged above normal in the northern third of the State, but below normal elsewhere. The above normal average in the north was largely due to heavy rains on the 29th and 30th. More than 3 inches of rain fell during a 24-hour period at Rockford on the 29-30th. Snow was occasionally mixed with rain in the north on the 30th.

Temperatures averaged 3° to 4° per day above normal in all areas. On the 1st and 2d mean temperatures were often 25° or more above normal as many daily maximum records were equalled or exceeded.

Severe storms were widespread during the month with major damage on seven days and tornadoes on five. Several reports of hailstones 2 inches in diameter were received and numerous reports of 3/4 inch or more. Two people were killed and more than 100 injured as property damage reached several million dollars. For more complete information on severe storms see April issue of STORM DATA.

William L. Denmark  
Weather Bureau State Climatologist  
Station A, Box 143  
Champaign, Illinois



# CLIMATOLOGICAL DATA

ILLINOIS  
APRIL 1963

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										90° or Above	32° or 31° or Below	31° or Below	0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
<b>NORTHWEST</b>																							
LEDO	67.0	41.2	54.1	2.8	82	16	28	10	317	0	0	4	0	3.83	+.33	1.03	18	.0	0	7	3	1	
IXON	65.6	40.8	53.2	3.2	81	2	26	10	352	0	0	7	0	3.69	+.73	1.49	30	.0	0	8	2	1	
REEPORT	64.0	38.8	51.4	3.2	79	2	25	10	405	0	0	7	0	2.12	-.73	.40	22	.0	0	8	0	0	
ULTON OAM 13	63.9	41.9	52.9		77	16+	28	10	357	0	0	3	0	2.83	+.78	.78	22	.0	0	8	3	0	
ULVA	66.7	41.3	54.0	3.0	80	17+	27	10	331	0	0	5	0	5.24	1.85	1.81	30	.0	0	7	4	2	
UNESA	66.4	42.4	54.4		80	16+	27	10	323	0	0	3	0	4.07	+.92	1.45	30	.0	0	8	4	1	
UNEESE	67.6	42.8	55.2		80	17+	27	10	301	0	0	2	0	5.05	+.88	2.06	30	.0	0	8	4	1	
UNEWANEE	65.1	40.6	52.9	2.9	81	16+	29	14+	370	0	0	5	0	4.24	1.07	.88	22	.0	0	8	5	0	
UNOLINE WB AIRPORT	67.5	39.9	53.7	3.4	80	17+	27	10	340	0	0	7	0	3.87	+.69	1.56	30	.0	0	6	3	1	
UNORRISON	65.2	39.3	52.3	3.2	79	16+	24	10	379	0	0	8	0	2.86	-.15	.61	22	.0	0	9	3	0	
UNOUNT CARROLL	63.3	38.2	50.8		80	3	23	10	425	0	0	9	0	4.96	1.68	2.30	30	.0	0	7	4	1	
UNPAW	63.9	39.4	51.7		81	3	22	10	399	0	0	8	0	4.29	1.25	1.60	30	.0	0	9	3	1	
UNOCHELLE 1 W	62.5	38.9	50.7	2.9	80	2	26	10	425	0	0	7	0	5.51	2.46	2.62	29	.0	0	9	2	1	
UNOCKFORD WB AIRPORT	65.1	40.1	52.6	2.0	81	2	24	10	368	0	0	9	0	4.06	+.75	1.90	30	.0	0	6	2	1	
UNALUT																							
UN DIVISION			52.9	3.0										4.04	.84								
<b>NORTHEAST</b>																							
UNNTIOCH	63.6	37.0	50.3		80	2	22	10	439	0	0	12	0	3.97		1.95	30	.0	0	7	1	1	
UNURORA COLLEGE	63.7	39.0	51.4	2.8	80	2	24	10	403	0	0	8	0	5.01	2.12	2.03	30	.0	0	5	2	2	
UNWARRINGTON 1 NW	64.5	37.8	51.2		80	2	24	10	412	0	0	7	0	4.40		2.01	30			8	3	1	
UNWICHAGO O HARE AIRPORT	62.4	39.3	50.9		82	2	26	12+	425	0	0	9	0	4.88		1.67	29	.0	0	7	4	1	
UNWICHAGO UNIVERSITY	61.1	41.4	51.3	3.2	81	2	28	4	412	0	0	2	0	4.05	+.97	1.25	30	.0	0	7	3	2	
UNWICHAGO WB AIRPORT	62.6	42.2	52.4	3.3	82	2	30	4	383	0	0	3	0	4.79	1.75	1.62	29	.0	0	7	3	3	
UNWICHAGO WB CITY	59.2	42.9	51.1	2.4	81	2	31	4	418	0	0	2	0	5.42	2.36	1.76	29	.0	0	7	5	2	
UNWOLLIET	67.8	41.2	54.5		83	2	27	11+	324	0	0	6	0	3.12		1.20	30	.0	0	7	2	1	
UNWASALLE PERU	67.1	42.3	54.7	3.1	83	17+	28	10	319	0	0	5	0	3.36	-.20	.98	30	.0	0	6	3	0	
UNWARENO	63.1	35.6	49.4		81	2	21	10	462	0	0	11	0	4.22		1.80	30	.0	0	7	3	1	
UNWARRIS 5 N	65.7	38.9	52.3	2.0	81	2	22	10	380	0	0	9	0	3.21	-.34	1.03	29	.0	0	8	2	1	
UNWATTAWA	66.8	42.5	54.7	3.5	81	17+	30	12	319	0	0	5	0	2.93	-.80	1.00	29	.0	0	8	2	1	
UNWARK FOREST	63.6	39.6	51.6		80	2	26	11	399	0	0	6	0	3.25		1.03	29	.0	0	6	3	1	
UNWYCAMORE	63.0	38.1	50.6	2.6	77	16	23	10	424	0	0	7	0	5.17	2.25	1.76	30	.0	0	8	4	2	
UNWYKAEGAN 2 WNW	60.3	38.0	49.2	2.9	82	2	25	10	474	0	0	7	0	3.55	+.34	1.45	30	.0	0	8	1	1	
UNWHEATON COLLEGE	65.1	39.8	52.5		81	2	24	10	375	0	0	8	0	5.68		2.15	30	.0	0	7	5	1	
UN DIVISION			51.8	2.7										4.19	.91								
<b>WEST</b>																							
UNWALESBURG	65.4	41.8	53.6		82	17	30	24+	345	0	0	4	0	3.14	-.32	1.30	22	.0	0	4	2	2	
UNWALOEN	70.8	43.6	57.2		84	18+	26	24	250	0	0	3	0	1.86	-.16	.95	30	.0	0	4	1	0	
UNWALHARPE	68.6	42.3	55.5	3.4	83	17+	27	24	297	0	0	4	0	2.09	-.15	.84	29	.0	0	4	1	0	
UNWANNMOUTH	67.0	42.7	54.9	3.6	81	17+	29	10	309	0	0	3	0	2.94	-.48	1.08	22	.0	0	6	2	1	
UNWJINCY	69.7	46.6	58.2	3.7	89	17	31	24	238	0	0	1	0	2.14	-.13	1.24	29	.0	0	4	1	1	
UNWJINCY FAA AIRPORT	67.7	45.0	56.4		85	17	29	24	279	0	0	1	0	2.19		1.65	29	.0	0	3	1	1	
UNWJOSHVILLE	70.7	44.6	57.7	4.8	87	17	29	23	241	0	0	2	0	1.64	-.21	.78	29	.0	0	3	1	0	
UN DIVISION			56.2	3.7										2.29	-.13								
<b>CENTRAL</b>																							
UNWLOOMINGTON NORMAL	68.9	43.8	56.4	4.2	83	17	28	10	272	0	0	4	0	2.14	-.18	.61	30	.0	0	6	1	0	
UNWVENOA	67.0M	40.8M	53.9M		82	17	24	10	338	0	0	7	0	3.39		1.60	29	.0	0	7	2	1	
UNWVENUATOR	70.2	45.3	57.8	4.4	82	17	28	24	238	0	0	4	0	2.09	-.18	1.05	29	.0	0	7	3	1	
UNWVARMER CITY	68.9M	38.2M	53.6M		87	17	23	3	347	0	0	0	0	3.26		1.35	30	.0	0	5	2	1	
UNWAVANA	70.6	43.1	56.9	3.8	85	17	28	12+	262	0	0	7	0	2.48	-.19	1.44	29	.0	0	4	2	1	
UNWVINCOLN	69.4	43.3	56.4	3.6	85	17	28	24+	274	0	0	5	0	2.91	-.89	1.43	30	.0	0	5	2	1	
UNWVASON CITY	68.6	42.9	55.8		85	17	28	24+	292	0	0	5	0	1.89		.68	29	.0	0	6	1	0	
UNWVONOK	67.5	41.2	54.4		83	17	26	10	328	0	0	7	0	3.46	-.12	1.14	29	.0	0	5	4	1	
UNWVORIA WB AIRPORT	64.9	40.8	52.9	2.1	82	17	29	10	367	0	0	6	0	4.08	+.11	2.61	29	.0	0	4	2	1	
UNVPRINCEVILLE 1 N	65.8	42.7	54.3		80	17	28	10	322	0	0	4	0	4.39	1.03	1.95	29	.0	0	6	4	1	
UN DIVISION			55.2	2.5										3.01	-.81								
<b>EAST</b>																							
UNWDOPESTON	66.4	41.5	54.0	2.6	81	17	24	10	334	0	0	7	0	4.05	+.45	1.80	29	.0	0	7	2	1	
UNWANKAKEE 3 SW	66.7	40.6	53.7	3.4	80	17+	23	10	345	0	0	9	0	3.61	-.14	1.12	30	.0	0	8	2	1	
UNWANTIAC	69.5	43.0	56.3	4.7	82	17	27	10	274	0	0	5	0	4.44	+.57	1.17	30	.0	0	8	4	1	
UNWANTOUL CHANUTE AF BS	65.2	42.3	53.8		83	17	27	10	342	0	0	6	0	3.13		2.02	29	.0	0	6	1	1	
UNWOBERTS 3 N	67.6	42.1	54.9		81	17	24	10	307	0	0	7	0	2.75	-.15	1.03	30	.0	0	7	2	1	
UNWORBANA	66.2	42.8	54.5	2.6	84	17	29	10	316	0	0	3	0	2.22	-.13	1.16	29	.0	0	6	1	1	
UNWORTSEKA 2 NW	65.7	40.6	53.2		79	17+	22	10	361	0	0	8	0	3.60	-.32	1.04	30	.0	0	7	3	1	
UN DIVISION			54.3	3.1										3.40	-.28								
<b>WEST SOUTHWEST</b>																							
UNWULTON OAM 26	69.0	47.4	58.2		86	22	35	24	230	0	0	0	0	3.08		1.01	29	.0	0	6	3	1	
UNWVARNLINVILLE	72.0	43.9	58.0	3.8	87	17	27	24	240														

# CLIMATOLOGICAL DATA

ILLINOIS  
APRIL 1963

CONTINUEO

Station	Temperature												Precipitation														
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max.		Min.						Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	80° or Above	70° or Above	60° or Above														
EFFINGHAM	71.7	46.2	59.0	5.5	84	18+	30	10	214	0	0	2	0	1.69	- 1.94	.75	29		.0	0		4	2	0			
FLORA 2 NW	71.2	45.2	58.2	2.5	86	21	30	24+	235	0	0	4	0	1.60		.67	19		.0	0		3	2	0			
MARSHALL 1 E	71.1	43.1	57.1		82	18+	26	10	254	0	0	7	0	2.51		.75	29+		.0	0		5	3	0			
MATTOON	67.3	43.0	55.2		82	17	28	10	305	0	0	3	0	1.90		1.17	29		.0	0		4	1	1			
NEWTON	72.2	45.9	59.1		84	21	30	10	210	0	0	2	0	3.54		1.74	19		.0	0		4	3	2			
OLNEY	71.4	45.4	58.4	2.8	85	21	29	24	229	0	0	3	0	1.60		.65	29		.0	0		3	1	0			
PALESTINE	70.6	45.0	57.8	2.8	85	21+	30	24+	242	0	0	4	0	1.66	- 2.20	.85	29		.0	0		4	1	0			
PARIS WATERWORKS	69.3	43.9	56.6	3.5	83	1	28	10	269	0	0	5	0	3.42	.01	1.18	19		.0	0		5	3	2			
SALEM	71.3	45.7	58.5		86	21	28	24	228	0	0	1	0	1.67	- 2.20	.68	19		.0	0		4	1	0			
TUSCOLA	70.4M	42.9M	56.7M		85	17	28	10	256	0	0	4	0	2.28	- 1.35	1.27	29		.0	0		5	1	1			
VANOLAIA FAA AIRPORT	68.4	42.4	55.4		82	22+	26	24	307	0	0	7	0	1.49		.80	29		.0	0		3	1	0			
WINOSOR	69.6	42.7	56.2	3.1	84	17	25	10	277	0	0	6	0	2.04	- 1.80	.63	30		T	0		5	3	0			
OIVISION			57.4	3.1										2.13	- 1.63				T								
SOUTHWEST																											
ANNA 1 E	71.1	49.5	60.3	3.0	87	22+	32	24	192	0	0	1	0	2.54	- 2.23	.81	28		.0	0		4	2	0			
BELLEVILLE SCOTT AF BS	68.0	45.4	56.7		87	22	32	24	281	0	0	1	0	2.19		1.05	29		.0	0		5	1	1			
CAIRO WB CITY	71.4	53.1	62.3	2.9	88	21	40	24	149	0	0	0	0	2.57	- 1.50	.79	28		.0	0		4	3	0			
CARBONDALE SEWAGE PLT	72.3	47.9	60.1	2.8	89	22	30	24	207	0	0	2	0	1.39	- 2.97	.45	28		.0	0		5	0	0			
CARLYLE	71.0M	45.4M	58.2M		89	21	30	24+	241	0	0	2	0	1.77		.59	30		.0	0		4	1	0			
COBGEN 2 S	72.1	48.7	60.4		85	22+	29	24	176	0	0	1	0	1.96		.96	28		.0	0		5	1	0			
OU QUOIN 2 S	71.6	48.0	59.8	2.8	86	22	34	24	201	0	0	0	0	2.11	- 1.90	.90	19		.0	0		4	2	0			
EAST ST LOUIS PARKS CO	75.8M	45.9	60.9M		90	21	34	22	159	1	0	0	0	3.00		1.30	21		.0	0		3	3	1			
MAKANO 1 NW	71.5	48.3	59.9		89	22	31	24	201	0	0	1	0	1.83		.54	28		.0	0		5	2	0			
NASHVILLE 3 NW	71.1	44.9	58.0		86	21	30	24	234	0	0	1	0	1.77	- 2.29	.54	19		.0	0		4	2	0			
NEW BURNSIOE	72.5	47.9	60.2	3.1	86	21	29	24	202	0	0	1	0	2.19	- 2.48	.81	28		T	10		6	1	0			
SPARTA	71.9	47.8	59.9	2.4	88	22	31	24	204	0	0	1	0	1.53	- 2.54	.50	29		.0	0		5	1	0			
WATERLOO	73.5	47.8	60.7		92	22	34	24	183	1	0	0	0	2.19	- 1.56	.57	1		.0	0		5	2	0			
OIVISION			59.8	2.5										2.08	- 2.12				T								
SOUTHEAST																											
ALBION	72.1	48.1	60.1		85	21	31	10	192	0	0	2	0	2.16		.80	29		.0	0		4	1	0			
BROOKPORT OAM 52	72.9	45.4	59.2		86	21	33	24+	204	0	0	0	0	3.76	- .47	1.32	30		.0	0		4	3	2			
ELIZABETHTOWN	71.0	48.2	59.6		86	21	32	15	206	0	0	1	0	2.23		.65	30		.0	0		6	1	0			
FAIRFIELD RADIO WFIW	71.1	46.7	58.9	2.6	85	21	29	24	221	0	0	2	0	1.84		.59	19		.0	0		4	2	0			
HARRISBURG	74.2	48.1	61.2	3.4	89	21	29	24	184	0	0	1	0	1.54	- 2.59	.42	29		.0	0		7	0	0			
MC LEANSBORO	72.1	47.6	59.9	2.7	87	21	31	24	204	0	0	1	0	1.63	- 2.41	.70	19		.0	0		4	1	0			
MOUNT CARMEL	69.9	44.5	57.2		85	22	30	24	257	0	0	2	0	4.03		2.09	21		.0	0		3	3	2			
MOUNT VERNON	71.0	47.2	59.1	3.0	85	22+	30	24	219	0	0	1	0	1.82	- 2.64	.71	20		.0	0		3	1	0			
OIVISION			59.4	2.4										2.38	- 1.84				.0								

See Reference Notes Following Station Index





# DAILY PRECIPITATION

ILLINOIS  
APRIL 1963

Continued

Station	Total	Day of Month																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
NEWTON	3.54			.09								.09					.12	.01	1.74												1.04	.54						
OLNEY	1.60																.06	.53	.16												.65	.35						
OTTAWA	2.93	.19		.03				T	T								.17	.28	.05	.18			.10	.32	.01						1.00	.60						
PALESTINE	1.66			.11													.14		.48													.85	.06					
PANA	2.03	T															.06	T	.10	.35											.16	1.34	.02					
PARIS WATERWORKS	3.42			.10													.10	.08	1.18													.88	1.08					
PARK FOREST	3.25	.12		T				.02					.01				.03	.60	.02	.03			.10	.04	.47	T		.03			1.03	.71						
PAW PAW	4.96	.27			T				.03								.15	.51	T	.46	T			.38	.03	T	T				.63	2.30						
PAYSON	2.41	.05											.03				.22	T	.36	.03											.04	.81	1.61					
PEORIA WB AIRPORT	4.08	.01		T				T	T								.20	.19	.02	T			.01		.95			T			.02	2.61	.08					
PEOTONE	2.87	.05															.46	.46		.40				.10	.32							.39	1.10					
PETERSBURG	2.84	.06															.10	.70	.43					.01					.01			.37	1.49					
PLEASANT HILL	2.53	.01										.05					.10		.70	.43									.03	.63	.50	.08						
PONTIAC	4.44	.45															.24	.82	.02	.04			.15	.01	.52	.12						.90	1.17					
PRAIRIE OU ROCHER	1.49	.02		T	.01								.10	T			.02		.06	.19					.04						.55	.08	.42					
PRINCEVILLE 1 N	4.39	T															.09	.52	T	.59				.72								.19	1.95	.33				
QUINCY	2.14	.04															.21	.36	.21										.04			.04	1.24					
QUINCY FAA AIRPORT	2.19	.03		T													.16	.18	.09	T												.04	1.65					
QUINCY DAM 21	1.93	.18															.09	.24	.16														.06	.75	.47			
QUINCY MEMORIAL BRIDGE	1.97	.24															.15	.33	.14														T	.66	.45			
RANTOUL CHANUTE AF BS	3.13	.02		.03													.21	.18	T	.16	.01	.07		.18	T							T	2.02	.25				
ROBERTS 3 W	2.75																.12	.53	.16					.31	.22							.38	1.03					
ROCHELLE 1 W	4.29	.14															.15	.32	.38					.74	.10			.14	.05			.62	1.60					
ROCKFORD 6 ENE	4.12	.11						.05									.13	.20	T	.35						.31	.02			.17		.06	.03	2.22	.46			
ROCKFORD WB AIRPORT //R	5.51	T	T	T				.13	.02								.18	.39	.33	.43				.60	T		.25					.03	2.62	.46				
ROCKPORT	1.50	.10																.23		.23												.02		1.15				
RUSHVILLE	1.64	.28															.42		T	.03				.05	T								.78	.08				
SAINTE MARIE	2.39	.59															.05	.30	T		.51												.49	.50				
SALEN	1.67																																	.01	.49	.10		
SHAWNEETOWN NEW TOWN	1.25				.03													.07	.06	.08													.12	.03	.47			
SIQUELL	3.73	.65																.02	.11	.33			.77											.94	.93			
SPARTA	1.53												.17	T			.44	.62	T	.34	.01	T		T	T	T	T				.22		.24	.50	T			
SPRINGFIELD WB AIRPORT R	2.25	.02															.13	.66					.75	.22	.13									.08	.70	T		
STREATOR 3 N	3.94	.08															.15	.50	.15	.22														.86	1.11			
SYCAMORE	5.17	.06							.05																.68	.10									1.50	1.76		
TAYLORVILLE	4.01	.72			.01												.42		.06	.33	.26				T	T									.23	1.96		
TISKILWA	5.09														.02		.20	.65	.04	.28				.20	.66									T	2.02	1.02		
TOULON	5.44	.13	T														.24	.86	.03	.11			.03	.50	.02			.01						.20	2.31	1.00		
TUSCULA	2.28	.02		.04													.12	.20	.15	.30				.02	.08									.28	1.27			
URBANA	2.22	T			.01												.10	.28	T	.17														T	1.16	.10		
URBANA ENG CAMPUS	2.83	.61		.01	T												.01	.09	.28	.01	.16													.12	.28	T		
UTICA STARVO ROCK DAM	3.98	.70															.12	.23	.10	.47			.05	.25	.12	.01	T							.83	1.05			
VANDALIA FAA AIRPORT	1.49			.02										.03			.15	T	.11	.41															.05	.80		
VIRDEN	1.69																.15	T	.11	.41															.38	.64		
WALNUT	4.06	T															.25	.47		.41					.47	T		.01							T	.55	1.90	
WATERLOO	2.19	.57	T	T																.27	T														.44	.05	.52	
WATSEKA 2 NW	3.60	.06		.03	T													.51	.03	.13					.46	.25	T		.40						.67	1.04		
WAUKEGAN 2 NW	3.55	.16																.31	T	.48					.23	.05		.02	.40							.47	1.45	
WAYNE CITY	2.35	.12			.16				.18								.02	.31	T	.18															.60	.37		
WHEATON COLLEGE	5.68	.26		.03						.03							.06	.91	T	.64				1.00		.12	T									.40	.37	
WHITE HALL 1 E	2.25																.12	.40	.43																.23	.97	.06	
WILCOX	2.43	.65			.10												.13	.12	.56	.45				.33											.65	.25		
WINOSOR	2.04			.07																																.53	.63	

## REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Monthly Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.
- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry. Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.
- . And also on an earlier date or dates.
- Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts for recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Monthly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



# DAILY TEMPERATURES

ILLINOIS  
APRIL 1963

Station	Day Of Month																															Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ALBION	MAX 84	81	77	61	58	71	75	77	70	55	63	66	63	68	72	74	80	84	84	77	78	85	81	79	60	66	72	68	68	78	72	72	72	72.1
	MIN 58	61	59	41	36	39	46	53	47	31	40	37	41	39	39	56	64	61	61	58	48	56	64	43	32	41	45	50	54	60	44	48.1		
ALEO	MAX 81	80	71	62	62	75	64	6	58	51	60	64	64	68	75	82	78	69	70	74	68	54	46	58	66	73	75	66	76	60	67.0			
	MIN 58	58	48	32	33	38	38	42	39	28	38	33	35	36	34	49	55	30	38	39	43	41	36	30	45	41	52	52	56	39	41.2			
ALTON OAM 26	MAX 82	80	71	54	59	70	72	75	61	45	58	65	63	68	70	79	85	80	77	79	80	86	53	59	66	70	60	64	80	59	69.0			
	MIN 59	59	45	39	39	40	45	54	43	36	41	40	43	44	43	54	57	54	50	57	43	39	39	35	46	40	54	54	57	43	47.4			
ANNA I E	MAX 84	80	71	66	56	69	73	75	69	56	57	68	62	68	73	72	80	79	78	81	87	87	81	62	66	73	65	60	74	61	71.1			
	MIN 60	58	65	40	38	38	43	52	50	38	40	41	42	42	41	58	62	63	68	49	58	68	43	32	47	45	52	51	57	43	49.5			
ANTIOCH	MAX 72	80	71	54	60	73	54	54	48	53	58	61	59	62	70	75	75	66	73	66	63	55	45	39	52	48	72	69	76	65	63.6			
	MIN 46	58	47	25	31	41	32	35	28	22	27	27	31	30	36	48	56	32	37	41	37	34	33	32	37	38	44	44	50	32	37.0			
AURORA COLLEGE	MAX 77	80	67	53	60	71	60	62	50	50	56	61	60	61	72	76	75	65	71	68	63	52	45	56	56	36	69	72	73	74	57	63.7		
	MIN 52	55	40	28	29	35	37	39	31	24	30	27	41	28	34	49	55	38	44	40	43	39	35	32	38	39	47	54	56	34	39.0			
BARRINGTON 1 NW	MAX 76	80	79	61	59	72	69	53	51	49	53	61	56	60	70	76	76	73	72	70	64	59	43	54	51	67	71	69	71	71	71	64.5		
	MIN 49	57	44	26	30	40	34	34	29	24	25	25	38	27	38	49	56	35	38	39	40	38	34	35	34	44	49	57	53	33	37.8			
BELLEVILLE SCOTT AF 85E	MAX 82	80	69	52	59	66	69	76	60	46	56	65	61	63	70	79	83	79	80	78	82	87	53	55	61	69	58	63	80	59	68.0			
	MIN 57	56	46	38	35	34	40	51	44	35	38	36	42	37	38	59	63	59	58	46	51	49	36	32	43	39	52	53	58	37	45.4			
BLOOMINGTON NORMAL	MAX 80	79	78	63	60	70	68	76	71	53	58	63	60	65	71	78	83	82	72	71	70	66	59	54	63	69	72	70	72	72	68.9			
	MIN 58	60	60	32	33	42	42	51	35	28	33	32	40	35	43	40	58	45	58	42	49	40	35	31	44	45	52	54	59	38	43.8			
BROOKPORT OAM 52	MAX 78	78	76	68	77	68	73	74	78	64	60	67	64	68	73	72	80	80	77	82	86	85	81	63	67	74	67	62	73	73	72.9			
	MIN 58	57	64	44	39	40	37	37	47	40	40	42	43	36	33	34	38	66	66	45	45	61	46	33	34	42	42	52	46	46	45.4			
CAIRO WB CITY	MAX 84	83	75	59	57	68	73	78	70	60	60	68	65	68	73	73	81	81	76	81	88	87	63	62	68	74	63	66	75	63	71.4			
	MIN 65	65	59	44	45	48	45	57	53	44	47	47	47	47	45	63	66	69	60	51	62	63	45	40	53	49	54	56	61	44	53.1			
CARBONALE SEWAGE PLANT	MAX 83	83	77	65	56	69	73	77	72	59	54	68	65	68	73	77	82	81	79	82	88	89	84	60	67	72	67	63	77	60	72.3			
	MIN 54	58	62	39	36	33	33	52	49	38	41	36	40	36	32	58	64	66	60	43	60	71	44	30	50	38	65	53	59	46	47.9			
CARLINVILLE	MAX 84	83	75	59	61	71	74	76	70	53	61	68	63	68	73	80	87	80	78	77	77	85	77	61	66	74	66	65	82	65	72.0			
	MIN 58	59	57	36	29	31	37	39	32	29	37	31	39	32	39	52	61	50	56	43	50	49	38	27	46	37	54	53	58	41	43.9			
CARLYLE	MAX 83	81	75	63	59	70	74	77	67	53	61	67	64	68	72	78	83	82	81	79	89	67	60	65	70	65	65	83	59	71.0				
	MIN 59	57	61	37	35	33	39	52	43	34	37	30	39	35	36	54	64	57	58	49	51	41	30	43	40	52	53	54	43	45.4				
CHARLESTON	MAX 82	81	74	68	59	68	70	73	67	50	58	65	61	66	70	76	83	80	75	72	74	79	78	57	64	70	69	72	80	59	70.0			
	MIN 57	60	60	37	36	39	44	55	41	29	36	34	39	36	42	50	62	58	56	47	55	44	37	32	45	44	53	55	56	40	46.0			
CHENOA	MAX 78	80	72	57	60	74	68	75	63	50	58	64	65	72	78	82	70	70	70	70	82	80	62	46	53	63	70	73	75	74	58	67.0		
	MIN 56	57	57	32	29	34	36	50	33	24	28	29	29	36	48	56	42	57	40	40	35	33	42	34	48	47	55	45	55	40	40.8			
CHICAGO O HARE AIRPORT	MAX 77	82	70	54	62	72	52	56	44	48	53	61	55	59	73	78	75	56	72	68	63	47	45	56	58	69	71	70	74	51	62.4			
	MIN 54	61	39	30	29	37	37	39	32	27	26	26	32	28	32	53	56	40	48	43	45	39	37	36	37	44	54	48	34	39.3				
CHICAGO UNIVERSITY	MAX 80	81	69	52	61	69	47	52	44	44	47	51	50	54	71	77	68	72	68	60	45	45	56	58	64	71	66	75	57	61.1				
	MIN 51	61	37	28	34	44	39	38	33	31	35	37	40	38	40	52	50	39	47	43	44	36	35	39	41	43	49	51	54	33	41.4			
CHICAGO WB AIRPORT	MAX 78	82	71	53	62	69	54	56	43	45	48	60	54	55	74	78	78	65	73	68	61	49	45	55	60	67	73	70	76	56	62.6			
	MIN 54	60	39	30	36	41	42	41	33	31	34	32	40	35	38	54	55	40	50	43	46	38	36	38	40	44	50	55	56	34	42.2			
CHICAGO WB CITY	MAX 74	81	70	49	61	66	47	49	41	42	45	48	50	54	65	76	76	67	72	68	60	47	46	52	55	64	68	63	74	47	59.2			
	MIN 54	61	38	31	42	46	40	39	33	32	37	37	41	40	44	54	50	39	50	44	43	38	37	41	45	45	51	53	47	35	42.9			
COBOEN 2 S	MAX 82	80	75	64	70	73	74	73	71	59	58	68	63	68	73	72	81	78	77	81	85	85	80	62	65	73	65	60	75	72	72.1			
	MIN 56	58	62	39	38	39	51	50	49	37	40	41	42	41	41	57	61	64	67	49	45	67	43	29	47	42	52	51	59	44	48.7			
DECATUR	MAX 82	81	73	59	62	70	71	76	60	51	59	67	62	69	75	79	85	77	74	73	73	79	70	57	66	73	72	73	78	60	70.2			
	MIN 58	61	59	35	30	35	43	54	38	30	36	42	38	31	43	51	62	50	56	43	49	46	38	28	45	49	54	55	60	40	45.3			
OIXON	MAX 79	81	75	54	62	72	67	65	54	51	59	61	61	67	74	80	75	72	46	71	65	58	45	57	60	70	75	70	72	70	65.6			
	MIN 54	54	38	28	32	38	38	42	32	26	31	30	40	33	38	50	50	40	59	40	41	38	34	32	44	40	50	55	58	38	40.8			
OU QUON 2 S	MAX 82	81	74	63	57	69	72	76	78	55	53	65	64	68	73	77	80	81	79	80	85	86	84	62	68	72	64	64	78	60	71.6			
	MIN 58	57	60	40	37	36	38	52	47	37	40	40	42	38	36	59	65	61	57	47	57	69	43	34	45	41	53	51	57	44	48.0			
EAST ST LOUIS PARKS COL	MAX 84	83	77	71	70	77	72	78	81	59	59	68	65	68	70	74	80	83	81	81	90	84	70	71	75	73	84	81	80	85	75.8			
	MIN 57	57	58	40	39	47	40	46	45	36	39	39	38	39	37	40	57	62	57	47	56	34	41	40	44	43	49	49	50	51	45.9			
EFFINGHAM	MAX 83	82	74	63	62	68	72	73	69	52	58	66	62	66																				

# DAILY TEMPERATURES

ILLINOIS  
APRIL 1963

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HILLSBORO	MAX	82	80	74	63	58	67	73	76	70	56	58	66	62	67	71	80	85	80	78	75	79	82	82	58	64	72	66	64	80	58		
	MIN	52	57	57	33	32	31	38	53	40	31	40	33	40	34	36	52	64	54	56	44	53	50	40	29	44	38	53	53	58	41		
HOOPESTON	MAX	80	79	70	58	60	69	67	75	62	48	59	62	58	64	70	80	81	74	73	70	68	60	59	53	60	69	70	74	73	57		
	MIN	53	57	57	32	30	35	38	48	37	24	28	28	42	30	38	50	59	43	57	42	44	40	36	32	38	40	47	49	56	36		
JACKSONVILLE	MAX	81	80	75	58	60	70	72	73	67	54	61	66	63	66	72	83	86	78	74	74	71	83	73	58	64	71	67	65	77			
	MIN	58	56	58	35	32	38	40	53	39	31	40	37	42	33	41	54	57	49	57	43	49	47	37	29	43	39	54	58	41			
JERSEYVILLE	MAX	83	81	78	67	60	70	73	79	74	60	58	67	67	78	71	82	87	83	78	77	77	88	87	58	64	76	67	63	80			
	MIN	60	55	58	37	35	33	40	51	41	33	38	31	39	33	41	55	63	51	58	39	48	51	41	37	46	36	53	53	60			
JOLIET	MAX	79	83	78	60	62	72	70	66	55	51	57	62	60	65	74	79	79	72	75	69	72	68	45	57	58	70	72	73	75			
	MIN	51	59	60	29	32	40	37	41	34	27	27	30	41	28	34	51	57	39	49	46	42	40	35	34	38	39	47	53	58			
KANKAKEE 3 SW	MAX	77	80	74	60	61	72	68	71	57	49	56	63	59	64	72	76	80	68	71	69	68	60	47	56	59	71	73	75	71			
	MIN	52	57	60	30	29	32	38	45	35	23	27	27	40	27	32	49	57	41	57	40	47	39	36	31	38	37	45	52	59			
KEWANEE	MAX	80	80	76	53	62	71	66	71	64	55	58	63	62	67	73	80	80	70	71	72	66	62	49	51	65	71	72	70	76			
	MIN	56	59	51	30	34	40	39	43	34	27	35	35	40	39	41	50	55	44	53	40	43	40	35	33	44	43	52	53	58			
LA MARPE	MAX	81	81	79	54	62	73	68	71	61	60	59	66	64	73	73	83	83	72	73	75	70	64	51	56	64	73	70	65	73			
	MIN	57	58	49	33	31	37	43	39	40	31	37	34	35	34	32	52	60	45	59	38	46	43	36	27	43	41	40	54	55			
LA SALLE PERU	MAX	79	83	72	53	63	73	66	72	55	50	59	65	62	67	74	82	83	69	75	73	66	59	45	58	61	70	73	72	75			
	MIN	55	57	51	31	34	38	37	46	34	28	31	29	42	31	38	52	56	41	52	43	45	41	37	35	45	40	37	49	57			
LINCOLN	MAX	84	82	68	54	62	72	72	77	60	50	61	67	64	68	75	80	85	74	75	75	73	77	52	57	66	73	73	70	78			
	MIN	57	56	52	34	32	35	35	33	36	28	35	29	39	31	39	49	61	47	57	57	48	45	37	28	43	37	52	53	54			
MAKANDA 1 NW	MAX	84	81	76	64	60	67	73	75	73	58	54	64	62	65	72	75	81	79	77	80	81	89	85	60	65	73	65	61	75			
	MIN	61	60	62	41	36	37	43	53	46	36	40	39	41	40	46	42	60	65	59	51	60	65	42	31	45	44	51	51	58			
MARENGO	MAX	76	81	72	53	61	60	52	52	49	50	51	60	58	62	73	78	74	68	70	68	67	54	44	59	53	70	72	71	63			
	MIN	49	52	45	24	24	35	32	37	25	21	25	24	37	25	34	47	54	33	37	36	36	34	32	30	33	33	45	46	51			
MARSHALL 1 E	MAX	82	81	79	63	59	67	70	74	73	55	59	63	63	65	69	71	80	82	80	74	77	78	78	56	63	69	71	74	79			
	MIN	51	55	60	37	28	31	37	51	42	26	34	31	42	32	32	48	62	54	57	48	48	45	39	32	40	37	44	51	60			
MASON CITY	MAX	81	81	72	52	61	71	70	75	63	50	59	67	63	67	72	81	85	74	74	73	71	75	53	58	65	72	72	67	74			
	MIN	57	57	40	34	31	37	43	53	37	28	35	30	39	32	34	50	61	45	59	40	47	45	38	28	44	36	55	56	41			
MATTOON	MAX	81	80	67	51	58	67	69	74	57	49	58	64	60	65	69	76	82	80	74	71	75	79	48	57	63	70	68	71	79			
	MIN	56	57	41	35	31	33	41	48	33	28	37	33	40	34	40	50	60	49	50	46	51	42	35	30	43	45	51	55	56			
MC LEANSBORO	MAX	85	82	73	62	56	69	75	78	70	55	55	66	62	67	75	77	81	83	77	81	87	85	82	61	69	71	65	63	80			
	MIN	55	55	60	40	35	35	41	50	48	34	39	39	42	39	36	58	64	62	58	46	57	68	44	31	42	42	41	53	60			
MINONK	MAX	79	82	70	53	62	73	68	75	59	52	60	65	64	67	75	80	83	67	76	73	67	61	47	51	64	72	75	72	76			
	MIN	54	55	52	31	30	35	38	49	33	26	29	28	38	30	36	50	54	43	58	39	45	39	35	31	43	39	48	54	57			
MOLINE W8 AIRPORT	MAX	81	81	68	53	62	72	62	65	55	49	58	63	63	68	75	81	74	63	71	71	62	52	45	56	64	69	73	67	74			
	MIN	56	60	38	32	33	39	35	41	35	29	35	31	37	29	34	53	52	43	48	39	43	36	36	30	43	39	51	53	50			
MONMOUTH	MAX	80	80	69	54	60	73	65	70	63	53	59	65	68	68	73	81	81	69	72	74	64	62	49	55	65	70	71	64	75			
	MIN	58	53	49	32	35	39	41	45	39	29	35	35	38	34	39	52	55	41	57	43	44	39	36	30	44	39	52	51	56			
MORRIS 5 N	MAX	80	81	72	53	62	71	62	68	52	50	58	62	59	65	74	79	79	66	74	71	64	54	45	57	60	71	74	75	75			
	MIN	52	54	52	30	29	34	33	40	32	22	25	27	40	28	32	51	55	38	50	40	44	33	35	31	40	35	45	52	54			
MORRISON	MAX	78	80	77	54	61	70	69	65	60	53	69	62	67	64	73	79	80	73	70	69	69	61	46	57	62	70	71	68	75			
	MIN	54	55	50	29	29	34	38	43	32	27	36	28	40	28	34	40	55	41	46	39	40	38	34	31	43	37	49	54	57			
MORRISONVILLE 4 SE	MAX	81	79	71	57	57	68	72	74	63	49	59	62	62	66	72	79	86	80	79	76	75	82	64	56	65	72	67	68	77			
	MIN	57	56	57	36	31	33	39	52	38	28	39	32	38	32	36	52	63	50	56	42	49	48	40	28	43	36	52	54	57			
MOUNT CARMEL	MAX	67	84	73	72	75	58	70	73	75	62	50	60	64	63	65	70	75	80	83	77	81	85	80	50	57	65	70	67	68			
	MIN	51	54	41	38	40	33	38	45	38	32	39	38	43	33	34	52	57	61	68	44	45	58	43	30	35	40	41	54	60			
MOUNT CARROLL	MAX	77	79	73	53	60	70	63	63	54	51	60	61	61	67	73	79	75	69	69	68	62	57	46	57	59	69	72	67	73			
	MIN	53	58	43	28	25	33	35	40	30	24	31	27	40	28	32	51	56	36	47	40	37	38	34	33	44	36	50	55	57			
MOUNT VERNON	MAX	84	82	75	61	57	68	73	76	69	57	58	64	62	64	72	77	79	82	80	79	85	85	82	58	65	70	65	63	78			
	MIN	56	53	61	40	36	35	38	56	45	34	40	40	42	36	36	57	65	58	57	47	55	65	44	30	43	41	54	53	56			
NASHVILLE 3 NW	MAX	81	80	70	66	58	67	73	76	69	56	58	65	62	65	71	78	81	80	79	78	86	82	81	59	66	71	71	66	80			
	MIN	56	53	59	39	33	33	36	52	44	34	39	35	40	34	35	57	63	57	58	43	45	61	42	30	43	38	38	52	56			
NEW BURNSIDE	MAX	84	81	79	64	58	68	73	76	72	61	56	65	62	66	73	76	80	81	79	81	86	85	83	60	67	73	71					

# DAILY TEMPERATURES

ILLINOIS  
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Continued

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
QUINCY FAA AIRPORT	MAX	82	80	70	53	62	72	72	71	58	46	60	67	63	66	73	84	85	71	72	77	71	83	48	58	64	72	63	62	70	55	67.7
	MIN	62	62	42	35	36	37	49	48	40	36	41	39	36	37	44	59	59	48	53	43	50	42	33	29	46	44	53	54	53	40	45.0
RANTOUL CMANUTE AF BASE	MAX	78	78	68	50	60	67	65	74	53	47	57	62	60	64	70	74	83	73	73	70	67	63	45	52	62	68	71	75	52	65.2	
	MIN	55	55	40	35	32	32	43	44	32	27	32	32	42	34	36	50	60	47	52	45	49	44	36	34	43	44	49	53	54	38	42.3
ROBERTS 3 N	MAX	76	79	73	61	61	70	68	75	67	48	57	62	60	65	70	76	81	77	71	75	69	62	52	53	61	69	72	75	68	67.6	
	MIN	55	56	54	35	30	34	38	49	36	24	27	31	44	32	35	55	56	42	58	40	45	40	36	32	39	35	47	51	58	49	42.1
ROCMELLE 1 W	MAX	60	79	81	65	53	68	70	62	64	51	49	57	60	60	65	73	80	72	64	70	69	62	47	42	56	56	68	71	71	73	63.9
	MIN	51	53	61	27	29	46	35	42	28	22	30	28	38	27	36	48	48	38	42	38	38	39	34	31	39	40	47	53	58	36	39.4
ROCKFORD WB AIRPORT	MAX	75	80	67	52	60	69	60	59	50	49	56	58	59	64	72	78	73	57	71	68	61	44	46	56	54	68	70	71	75	53	62.5
	MIN	52	56	35	28	29	39	36	38	29	26	29	28	37	30	38	49	52	38	46	40	39	34	34	33	44	38	49	54	51	36	38.9
RUSHVILLE	MAX	83	83	75	69	73	73	73	77	70	52	60	68	68	70	78	85	87	72	73	76	72	49	56	60	68	76	70	67	76	62	70.7
	MIN	62	58	51	34	35	42	42	52	42	31	40	35	38	35	42	52	62	58	52	39	48	37	29	36	42	46	52	54	52	40	44.6
SALEM	MAX	83	81	75	63	59	68	72	76	70	55	59	65	61	65	73	78	80	83	79	79	86	84	81	59	65	71	66	66	80	58	71.3
	MIN	52	55	60	39	35	33	37	51	45	33	40	38	41	33	35	56	65	60	58	40	54	55	42	28	43	39	53	54	55	43	45.7
SPARTA	MAX	82	81	77	66	57	69	72	77	75	59	55	65	63	66	72	79	81	80	80	80	86	88	80	62	66	72	65	63	79	59	71.9
	MIN	59	60	60	39	35	37	41	54	45	36	38	35	38	37	45	55	64	60	58	50	59	66	42	31	45	42	52	52	55	44	47.8
SPRINGFIELD WB AIRPORT	MAX	82	82	68	52	62	71	71	75	60	49	61	68	63	68	75	80	88	76	75	74	74	82	44	57	64	73	71	65	74	57	68.6
	MIN	58	59	40	36	34	37	40	46	36	30	39	33	40	29	40	51	58	50	49	40	49	44	33	28	44	38	56	55	55	37	42.8
SYCAMORE	MAX	76	62	65	53	60	70	60	59	52	50	53	61	58	65	73	77	74	61	71	69	63	61	45	57	50	71	73	71	73	58	63.0
	MIN	50	40	48	36	30	35	37	38	28	23	28	25	35	28	37	48	55	35	43	38	38	34	33	30	41	38	48	52	57	34	38.1
TUSCOLA	MAX	82	80	74	63	69	70	69	75	69	50	58	65	62	67	72	75	85	78	76	72	77	73	55	65	71	71	71	78	71	70.4	
	MIN	54	52	57	36	36	35	43	51	40	28	35	30	37	31	35	49	55	49	57	48	43	36	29	42	39	48	54	56	40	42.9	
URBANA	MAX	79	78	68	51	60	68	66	74	55	46	58	64	60	65	71	74	84	75	72	71	70	71	46	54	62	70	71	74	74	56	66.2
	MIN	56	55	40	28	33	34	44	44	32	29	35	35	41	37	40	50	59	48	52	44	49	42	36	32	43	43	50	54	55	37	42.8
VANOALIA FAA AIRPORT	MAX	81	80	70	52	60	69	70	76	60	47	58	66	60	65	73	78	81	82	77	76	81	82	49	58	63	71	64	66	80	57	68.4
	MIN	55	55	42	33	30	29	38	52	40	29	39	31	41	32	33	55	63	55	51	43	51	49	30	26	41	35	50	54	57	33	42.4
VIROEN	MAX	82	80	74	61	60	69	72	74	69	55	59	66	66	70	71	85	87	86	75	75	75	83	81	57	66	72	69	65	78	58	71.3
	MIN	59	57	60	31	33	38	42	43	38	30	39	33	42	31	34	52	62	50	56	40	50	46	39	30	44	40	53	54	58	43	44.2
WALNUT	MAX	79	81	73	53	60	71	63	68	55	50	59	53	63	67	72	79	75	65	72	70	65	58	46	56	61	69	72	67	76	56	65.1
	MIN	54	50	46	28	32	38	39	42	30	24	31	28	38	31	32	50	55	39	49	39	41	39	35	30	41	41	52	55	56	37	40.1
WATERLOO	MAX	83	82	78	67	60	69	74	80	76	59	56	66	66	69	69	80	83	83	80	82	88	92	87	69	64	73	68	60	81	60	73.5
	MIN	60	59	52	39	35	38	47	55	45	36	37	39	41	41	42	45	65	61	58	47	58	64	41	34	47	45	51	52	57	44	47.8
WATSEKA 2 NW	MAX	79	79	74	64	60	70	72	61	50	49	56	61	59	64	70	70	79	72	71	69	69	57	48	53	62	67	70	74	73	69	65.7
	MIN	53	56	60	31	28	33	36	37	35	22	27	26	41	28	32	49	56	43	43	58	40	40	36	31	40	38	44	62	59	34	40.6
WAUKEGAN 2 NW	MAX	71	82	74	52	61	67	46	47	42	44	48	53	52	55	60	78	76	70	72	68	62	43	45	55	54	63	68	63	75	62	60.3
	MIN	43	55	49	26	32	41	36	37	30	25	26	29	38	31	35	49	56	36	37	42	40	35	34	33	37	38	43	47	48	33	38.0
WHEATON COLLEGE	MAX	76	81	75	53	61	71	56	58	48	50	55	61	57	61	73	76	75	71	73	70	68	56	56	58	57	69	72	72	76	67	65.1
	MIN	51	56	53	27	32	40	36	39	32	24	28	28	40	31	36	50	55	32	42	45	40	38	35	35	38	38	48	53	58	33	39.8
WHITE HALL 1 E	MAX	83	83	76	61	60	69	71	74	68	56	58	66	65	66	71	84	87	80	75	76	74	86	65	57	63	71	64	64	78	60	70.4
	MIN	57	57	42	36	34	35	41	51	41	33	40	34	39	35	40	56	61	52	57	43	53	50	40	28	45	39	55	54	57	42	44.9
WINOSOR	MAX	81	79	69	61	59	68	70	72	67	47	58	65	60	66	72	77	84	82	75	75	75	80	63	57	65	71	69	70	80	72	69.6
	MIN	54	55	58	34	30	31	40	52	39	25	36	30	38	32	39	49	60	50	39	47	52	43	37	30	42	37	49	53	59	40	42.7

# EVAPORATION AND WIND

Station	Day of month																															Total of Avg.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SPRINGFIELD WB AIRPORT	EVAP	.20	.33	.40	.28	.21	.13	.19	.27	.29	.18	.17	.21	.38	.17	.30	.33	.24	.32	.30	.27	.28	.23	.21	.14	.11	.17	.15	.32	.08	.21	7.07
	WIND	86	156	209	244	60	43	39	113	159	99	92	121	133	79	75	177	141	103	184	76	102	242	153	48	52	29	98	102	101	231	3547
	MAX	81	79	72	65	65	74	72	70	56	60	66	67	65	72	73	80	83	77	76	78	78	75	68	66	70	78	73	66	78	60	71.4
URBANA ENG CAMPUS	EVAP	.11	.19	.27	.24	.12	.17	.14	.19	.19	.18	.09	.20	.16	.11	.24	.25	.10	.27	.16	.19	.24	.31	.12	.07	.10	.14	.19	.31	.35	.17	5.57
	WIND	57	94	138	155	36	55	37	43	70	73	58	59	63	60	41	77	98	116	101	113	49	105	93	49	32	28	23	62	62	93	1240
	MAX	58	56	58	35	37	39	46	52	41	29	37	39	41	35	42	51	60	52	58	43	52	46	38	30	45	47	50	53	60	4	





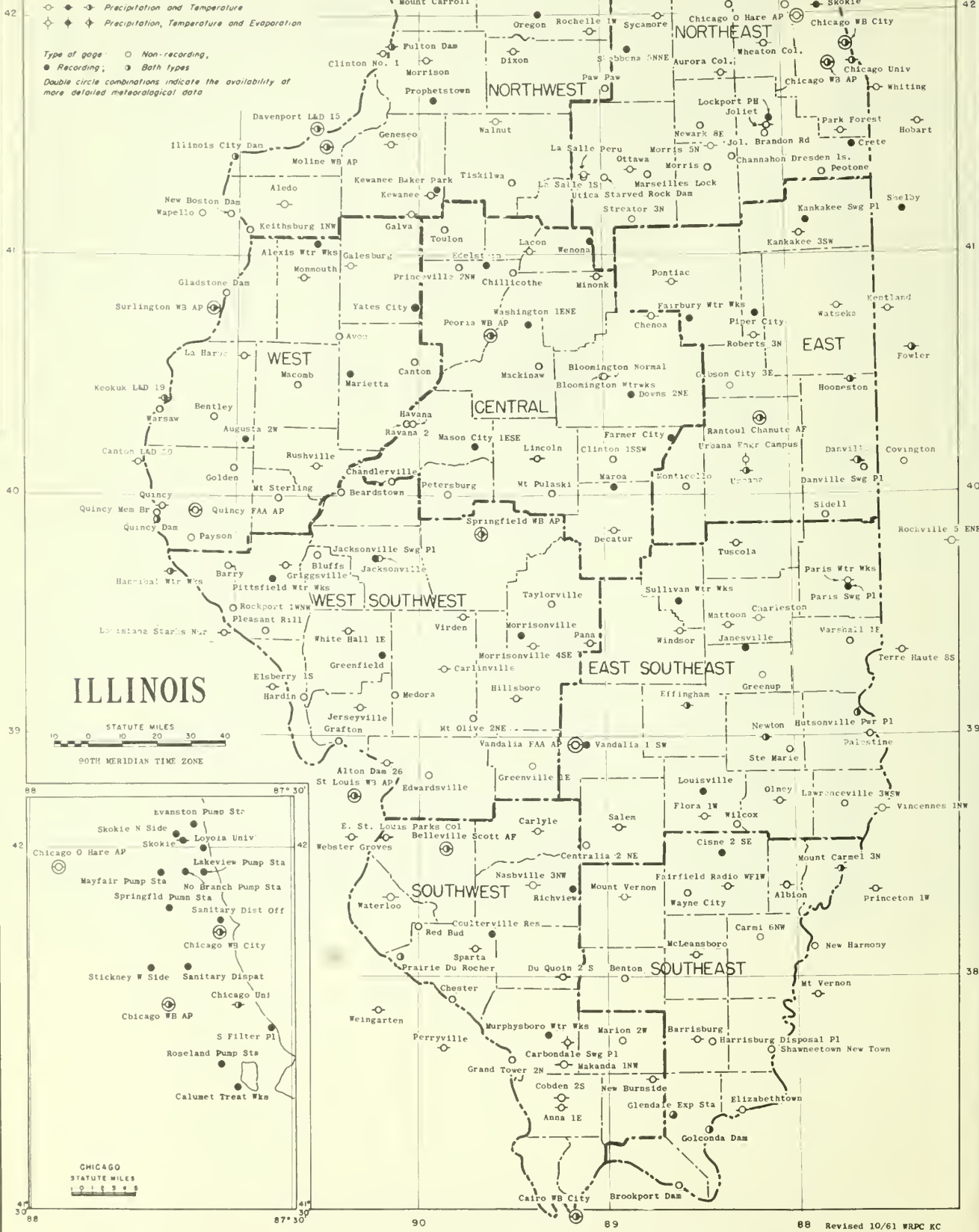




91 90 89 88

STATION LEGEND

- ● ● Precipitation only
  - ● ● Precipitation, storage
  - ● ● Precipitation and Temperature
  - ● ● Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording,  
● Recording; ● Bath types
- Double circle combinations indicate the availability of more detailed meteorological data



U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief



# CLIMATOLOGICAL DATA

ILLINOIS

MAY 1963

Volume 68 No. 5





# CLIMATOLOGICAL DATA

ILLINOIS  
MAY 1963

Station	Temperature													Precipitation														
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										91° or Above	31° or Below	32° or Below	33° or Below	34° or Below					Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
<b>NORTHWEST</b>																												
ALEO	73.3	48.6	61.0	- 1.2	92	9	33	1	155	2	0	0	0	1.83	- 2.31	.44	12	.0	0	6	0	0						
DIXON	73.0	47.3	60.2	- 0.9	91	9	32	1	179	2	0	1	0	2.22	- 1.41	.51	10	.0	0	7	1	0						
FREEPORT	70.2	46.9	58.6	- 0.8	87	8	28	1	219	0	0	2	0	1.20	- 2.56	.35	27+	.0	0	4	0	0						
FULTON DAM 13	70.9	49.5	60.2		89	9	33	1	179	0	0	0	0	1.97		.95	10	.0	0	6	1	0						
GALVA	73.3	48.0	60.7	- 1.1	92	9	34	22+	166	1	0	0	0	1.93	- 2.19	.69	17	.0	0	5	1	0						
GENESEO	73.4	49.1	61.3		91	9	32	1	153	2	0	1	0	2.12	- 1.84	.67	17	.0	0	5	1	0						
KEWANEE	73.0	49.1	61.1		92	9	33	1	161	3	0	0	0	1.32		.48	17	.0	0	4	0	0						
MOLINE WB AIRPORT	//R	71.5	48.4	60.0	- 1.2	92	9+	31	1	186	2	0	1	0	2.36	- 1.44	1.04	17	.0	0	5	1	1					
MORRISON	72.4	46.9	59.7	- 1.4	89	9	29	1	187	0	0	2	0	1.63	- 2.41	.46	10	.0	0	6	0	0						
MOUNT CARROLL	71.7	47.0	59.4	- 0.6	88	8	28	1	202	0	0	2	0	1.90		.61	28	.0	0	6	1	0						
PAW PAW	67.8	45.4	56.6		90	10+	31	1	272	2	0	1	0	2.97	- 1.02	1.22	28	.0	0	6	2	1						
ROCHELLE 1 W	68.4	46.1	57.3		89	9	30	23	260	0	0	2	0	2.46	- 1.08	.89	28	.0	0	7	2	0						
ROCKFORD WB AIRPORT	//R	68.7	46.5	57.6	- 1.5	89	8	32	23+	246	0	0	2	0	1.89	- 1.94	.80	27	.0	0	6	1	0					
STOCKTON	70.7	47.4	59.1		89	9	33	1	208	0	0	0	0	1.70		.50	10	.0	0	6	1	0						
WALNUT	72.5	48.1	60.3	- 1.7	90	8	31	1	181	1	0	1	0	2.07	- 2.07	.62	27	.0	0	5	1	0						
DIVISION			59.5	- 1.4										1.97	- 1.90			.0										
<b>NORTHEAST</b>																												
ANTIOCH	68.5	44.4	56.5		86	8	28	1	278	0	0	1	0	1.93		.81	10	.0	0	5	1	0						
AURORA COLLEGE	69.7	46.5	58.1	- 1.1	88	9+	29	1	236	0	0	2	0	2.85	- .89	1.32	17	.0	0	5	2	1						
BARRINGTON 1 NW	69.1	45.2	57.2		88	9	26	1	258	0	0	2	0	1.43		.43	10	.0	0	5	0	0						
CHICAGO O HARE AIRPORT	67.5	45.1	56.3		90	8	29	1	281	1	0	2	0	1.92		.85	17	.0	0	5	1	0						
CHICAGO WB AIRPORT	69.0	48.3	58.7	- 1.4	91	8	32	1	225	1	0	1	0	2.17	- 1.56	.94	17	.0	0	6	1	0						
CHICAGO W8 CITY	66.3	49.7	58.0	- 1.3	89	8	39	1	240	0	0	0	0	2.37	- 1.41	.60	17	.0	0	4	3	0						
JOLIET	71.8	47.5	59.7		90	9+	29	1	192	2	0	2	0	2.35		1.07	17	.0	0	4	2	1						
LA SALLE PERU	73.5	48.8	61.2	- 1.4	94	8	33	1	161	2	0	0	0	2.16	- 1.67	1.05	17	.0	0	4	2	1						
MARENGO	70.1	43.6	56.9		89	8	25	1	266	0	0	2	0	2.19		.53	4	.0	0	6	1	0						
MORRIS 5 N	72.0	46.0	59.0	- 2.2	92	8	31	1	206	2	0	1	0	2.36	- 1.35	1.24	27	.0	0	3	2	1						
OTTAWA	73.0	48.8M	60.9M	- 1.0	92	9	32	1	161	2	0	1	0	2.70	- 1.04	1.42	17	.0	0	3	2	2						
PARK FOREST	69.1	46.0	57.6		89	9+	29	1	255	0	0	2	0	2.54		1.20	17	.0	0	5	1	1						
SYCAMORE	70.1	45.8	58.0	- 1.2	89	8	29	1	238	0	0	2	0	2.57	- 1.52	1.04	27	.0	0	6	1	1						
WAUKEGAN 2 WNW	66.3	45.1	55.7	- 1.0	88	8	27	1	298	0	0	1	0	1.60	- 2.11	.65	10	.0	0	4	1	0						
WHEATON COLLEGE	70.2	47.1	58.7		89	8	29	1	215	0	0	1	0	2.73		1.68	17	.0	0	6	1	1						
DIVISION			58.2	- 1.6										2.26	- 1.49			.0										
<b>WEST</b>																												
GALESBURG	72.3	49.2	60.8		91	9	32	1	158	2	0	1	0	2.48	- 1.76	1.08	17	.0	0	6	2	1						
GOLDEN	72.7	50.4	61.6		90	10+	32	1	141	2	0	1	0	2.76	- 1.37	1.30	12	.0	0	5	2	1						
LA HARPE	74.4	49.7	62.1	- 0.6	92	9	33	1	127	2	0	0	0	2.60	- 1.35	.99	12	.0	0	5	2	0						
MONMOUTH	73.7	49.3	61.5		91	9	32	1	148	2	0	1	0	3.04		.96	17	.0	0	7	2	0						
QUINCY	75.0	53.2	64.1	- 1.1	93	9	34	1	97	2	0	0	0	4.52	.34	1.78	12	.0	0	5	3	3						
QUINCY FAA AIRPORT	73.2	52.4	62.8		90	9	38	22+	116	1	0	0	0	4.85		2.40	15	.0	0	6	3	1						
RUSHVILLE	75.8	49.4	62.6	- 0.9	92	9	33	1	116	2	0	0	0	2.39	- 2.08	1.40	12	.0	0	4	1	1						
DIVISION			62.2	- 0.9										3.23	- .94			.0										
<b>CENTRAL</b>																												
BLOOMINGTON NORMAL	74.5	49.8	62.2	- 0.7	89	9	30	1	133	0	0	1	0	1.20	- 2.88	.46	12	.0	0	4	0	0						
CHENOA	73.6	45.8	59.7		89	9	29	1	168	0	0	2	0	.78		.25	27	.0	0	4	0	0						
DECATUR	74.6	50.3	62.5	- 1.4	91	10+	30	1	118	2	0	1	0	1.97	- 2.33	.68	12	.0	0	5	2	0						
FARMER CITY	74.9M	47.8M	61.4M		91	9	30	1	151	0	0	0	0	1.57		.76	28	.0	0	4	2	0						
HAVANA	74.9	50.5	62.7	- 1.0	93	9	32	1	111	3	0	1	0	2.53	- 1.56	1.12	12	.0	0	5	1	1						
LINCOLN	74.8	48.4	61.6	- 1.9	91	9	30	1	141	3	0	1	0	2.10	- 1.86	.72	12	.0	0	5	2	0						
MASON CITY 1 E	74.0	49.4	61.7		92	9	34	23+	132	1	0	0	0	3.11		1.50	27	.0	0	4	2	2						
MINONK	74.2	47.4	60.8		93	9	32	1	157	2	0	1	0	1.16	- 2.87	.65	17	.0	0	3	1	0						
PEORIA WB AIRPORT	70.9	47.0	59.0	- 2.5	90	9	31	1	200	1	0	1	0	1.24	- 3.03	.36	27	.0	0	4	0	0						
PRINCETONVILLE 1 N	72.7	48.0	60.4		91	9	32	23	171	1	0	1	0	1.65	- 2.58	.72	17	.0	0	4	1	0						
DIVISION			61.2	- 2.0										1.73	- 2.31			.0										
<b>EAST</b>																												
HOOPSTON	72.2	47.9	60.1	- 2.1	87	9+	30	1	179	0	0	1	0	1.66	- 2.38	.72	4	.0	0	6	1	0						
KANKAKEE 3 SW	73.4M	47.1	60.3M	- 0.7	91	9	30	1	179	2	0	1	0	2.20	- 1.96	1.04	28	.0	0	4	2	1						
PONTIAC	74.8	49.3	62.1	- 0.2	91	9	32	1	133	3	0	1	0	1.22	- 2.54	.40	18	.0	0	3	0	0						
ROBERTS 3 N	74.4	47.2	60.8		90	9+	30	1	157	2	0	2	0	.95	- 3.04	.30	28	.0	0	4	0	0						
URBANA	72.6	49.9	61.3	- 1.2	89	9	33	1	146	0	0	0	0	.90		.32	12	.0	0	3	0	0						
WATSEKA 2 NW	72.3	46.3	59.3		87	10+	30	23+	198	0	0	2	0	1.91	- 2.63	.72	4	.0	0	4	1	0						
DIVISION			60.7	- 1.1										1.47	- 2.65			.0										
<b>WEST SOUTHWEST</b>																												
ALTON OAM 26	73.5	54.9	64.2		88	9	38	1	91	0	0	0	0	6.52		2.42	16	.0	0	7	4	2						
CARLINVILLE	75.6	51.5	63.6	- 0.5	91	10+	30	1	98	3	0	1	0	6.13	2.04	1.92	12	.0	0	8	3	2						
GRIGGSVILLE	74.9	52.9M	63.9M	- 0.7	92	9	38	23	99	1	0	0	0	4.48		1.91	16	.0	0	7	2	2						
HILLSBORO	74.5	51.8	63.2	- 1.1	92	10	30	1																				



# CLIMATOLOGICAL DATA

ILLINOIS  
MAY 1963

CONTINUED

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										99° or Above		31° or Below						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										99° or Above	31° or Below	31° or Below	99° or Above										
ORA 2 NW	75.3	52.1	63.7	- 1.8	89	10+	31	1	107	0	0	1	0	3.93		1.43	16	.0	0		6	3	2
RS SHALL 1 E	74.5	49.5	62.0		88	10+	30	1	129	0	0	1	0	2.72		.78	27	.0	0		8	2	0
TTOON	72.7	50.0	61.4		92	10	30	1	143	1	0	1	0	2.82		.73	12	.0	0		6	3	0
WTON	75.7	51.4	63.6		90	10+	30	1	100	2	0	1	0	5.31		1.26	16	.0	0		9	4	3
NEY	74.6	51.5	63.1	- 2.1	89	9	29	1	116	0	0	1	0	4.79		1.76	16	.0	0		8	3	2
NESTINE	75.8	51.5	63.7	- 1.2	92	9	29	1	103	3	0	1	0	3.49	- .95	1.00	16	.0	0		7	4	1
RIS WATERWORKS	73.7	50.3	62.0	- 1.6	88	9	32	1	136	0	0	1	0	1.48	- 2.95	.54	27	.0	0		5	1	0
LEM	75.4	51.8	63.6		90	10	31	1	107	1	0	1	0	5.65	- 1.30	2.01	17	.0	0		6	3	2
SCOLA	75.3	49.6	62.5		92	10	29	2	121	2	0	2	0	1.70	- 2.49	.59	28	.0	0		4	2	0
NOALIA FAA AIRPORT	73.7	50.6	62.2		90	9	31	1	124	1	0	1	0	6.00		3.02	16	.0	0		6	3	2
NOSOR	74.0M	49.4M	61.7M	- 1.8	92	10	30	1	139	2	0	1	0	3.41	- 1.03	.75	16	.0	0		9	3	0
DIVISION			62.8	- 1.4										3.68	- .70			.0					
DOUTHWEST																							
NA 1 E	77.5M	54.1M	65.8M	- 0.5	89	16	35	1	75	0	0	0	0	3.18	- 2.02	.61	17	.0	0		7	3	0
LEVILLE SCOTT AF BS	72.9	52.9	62.9		90	8	33	1	112	1	0	0	0	3.78		1.17	16	.0	0		5	4	1
IRO WB CITY	78.9	59.0	69.0	- 0.0	92	16	40	1	48	4	0	0	0	3.39	- 1.00	1.08	5	.0	0		7	2	1
RBONOALE SEWAGE PLT	77.5	53.5	65.5	- 0.9	90	10	30	1	85	1	0	1	0	2.38	- 2.25	.66	17	.0	0		6	2	0
RYLE	76.6M	52.9M	64.8M		92	10+	30	1	89	3	0	1	0	4.65		2.32	17	.0	0		4	2	2
SOEN 2 S	76.3	52.0	64.2		87	16	28	1	97	0	0	1	0	3.52		.81	17	.0	0		7	4	0
OUOIN 2 S	76.1	53.6	64.9	- 1.6	90	10	34	1	87	1	0	0	0	2.83	- 1.32	1.05	17	.0	0		7	3	1
KANO 1 NW	76.0M	54.3M	65.2M		90	10	33	1	90	1	0	0	0	2.80		.72	17	.0	0		7	2	0
SHVILLE 3 NW	75.5	52.4	64.0		90	10	31	1	103	1	0	1	0	3.56	- .72	1.87	17	.0	0		5	2	1
W BURNSIOE	77.6	52.8	65.2	- 0.7	87	9+	31	1	85	0	0	1	0	3.26	- 1.53	.72	12	.0	0		8	1	0
ARTA	76.4M	54.2M	65.3M	- 1.2	93	10	34	1	94	2	0	0	0	4.14	- .30	1.12	17	.0	0		9	3	1
TERLOO	76.1	54.9	65.5		92	8	37	1	78	2	0	0	0	5.24		.85	13	.0	0		9	4	2
DIVISION			65.2	- 1.2										3.56	- .91			.0					
DOUTHEAST																							
BION	76.8	53.5	65.2		89	10+	33	1	84	0	0	0	0	4.14		1.77	16	.0	0		6	3	1
OOKPORT DAM 52	78.1	51.8	65.0		89	16+	33	2+	88	0	0	0	0	1.84	- 2.40	.79	27	.0	0		4	1	0
IZABETHTOWN	76.6	52.2	64.4		88	8	30	1	95	0	2	0	0	4.70		2.07	14	.0	0		11	2	1
TRIFIELD RAOIO WFIW	75.1	52.3	63.7	- 2.0	88	10+	31	1	114	0	0	1	0	3.60		1.41	16	.0	0		6	2	1
RRISBURG	79.0	52.7	65.9	- 1.2	90	14+	29	1	82	3	0	2	0	3.63	- .62	.87	12	.0	0		9	2	0
LEANSBORO	76.7	52.7	64.7	- 1.7	90	10	32	1	91	1	0	1	0	2.42	- 1.90	.63	12	.0	0		6	2	0
JNT CARMEL	73.8	50.3	62.1		88	10	29	2	142	0	0	2	0	3.71		1.20	27	.0	0		6	3	1
JNT VERNON	75.4	52.9	64.2	- 1.6	90	10	32	1	99	1	0	1	0	3.74	- .62	1.53	16	.0	0		6	2	1
DIVISION			64.4	- 1.8										3.47	- .83			.0					

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 94° on the 8th at La Salle Peru, and on the 10th at Morrison-ville 4 SE

Lowest Temperature: 25° on the 1st at Morengo

Greatest Total Precipitation: 6.52 inches at Alton Dam 26

Least Total Precipitation: 0.78 inch at Chenoa

Greatest One-Day Precipitation: 3.20 inches on the 16th at Greenville 1 E





# DAILY TEMPERATURES

ILLINOIS  
MAY 1963

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALBION	MAX	64	70	79	81	83	80	82	89	89	89	80	69	86	87	85	68	69	79	75	70	70	65	68	69	70	66	77	83	78	79	83	
	MIN	33	38	50	58	60	56	51	60	68	69	48	47	56	62	54	60	60	55	45	47	52	42	41	46	48	55	61	63	59	53	50	
ALEOO	MAX	65	71	78	77	71	75	83	91	92	77	66	58	76	77	74	71	76	75	71	72	70	60	66	71	71	74	65	66	74	80	85	
	MIN	33	39	53	58	46	49	50	62	68	68	58	47	55	54	44	44	52	44	52	41	43	34	35	42	41	50	57	57	50	55	50	
ALTON OAM 26	MAX	64	68	81	75	75	77	83	87	88	87	72	69	80	84	72	72	70	74	69	72	62	61	67	64	63	65	74	69	75	79	73.5	
	MIN	38	45	54	59	60	53	56	69	65	52	45	50	61	62	54	62	61	59	52	50	45	43	51	51	59	61	59	59	55	56	54.9	
ANNA 1 E	MAX	64	64	78	79	83	81	87	86	86	88	76	71	86	85	83	89	74	79	77	73	70	65	69	64	64	78	82	78	79	82	77.5	
	MIN	35	38		55	56	52	60	67	69	46	49	65	58	65	62	62	51	55	48	50	47	40	46	49	60	62	61	56	54	50	54.1	
ANTIOCH	MAX	59	68	76	71	63	74	79	86	84	61	57	55	77	69	63	67	65	70	68	68	64	52	63	67	75	73	59	62	69	80	68.5	
	MIN	28	41	51	46	36	36	49	66	61	39	37	40	47	53	39	37	46	49	46	48	42	39	34	39	49	45	47	50	53	41	49	44.4
AURORA COLLEGE	MAX	58	70	74	73	62	73	80	88	88	72	57	57	78	74	58	70	64	70	67	68	60	55	62	69	75	78	68	65	70	79	80	69.7
	MIN	29	39	50	50	43	40	46	64	65	41	39	42	51	48	42	43	50	45	44	38	45	46	38	45	49	51	58	52	57	45	70	46.5
BARRINGTON 1 NW	MAX	58	67	74	74	68	70	76	85	88	74	53	53	76	76	67	64	65	69	70	66	65	53	60	65	72	75	74	62	67	76	79	69.1
	MIN	26	43	53	60	38	35	50	67	53	45	38	41	48	52	40	36	46	51	46	39	45	40	30	38	50	43	50	50	55	41	52	45.2
BELLEVILLE SCOTT AF BSE	MAX	62	69	78	74	72	75	80	90	87	88	70	81	82	74	72	70	76	78	60	64	60	62	61	60	65	77	74	77	75	78	72.9	
	MIN	33	38	51	56	56	51	51	59	64	52	45	51	60	62	58	63	62	57	55	50	50	40	41	48	46	58	61	60	57	53	51	52.9
BLOOMINGTON NORMAL	MAX	60	69	76	78	77	75	80	87	86	88	69	67	81	81	80	70	69	74	70	74	60	64	70	74	79	78	69	70	79	81	74.5	
	MIN	30	44	55	58	47	44	50	58	66	67	41	45	51	53	46	48	53	51	53	42	42	37	38	45	45	53	60	57	59	48	57	49.8
BROOKPORT OAM 52	MAX	64	72	77	79	84	80	82	88	88	84	80	75	82	89	86	89	86	82	78	74	75	66	68	65	65	69	78	77	79	77	82	78.1
	MIN	33	33	38	49	53	53	51	52	56	66	50	50	60	60	64	64	58	54	52	47	48	38	38	51	53	58	64	59	54	50	51.8	
CAIRO W8 CITY	MAX	65	72	80	82	83	81	81	91	87	91	79	86	90	91	92	77	83	78	74	75	63	70	66	64	72	79	81	79	81	83	78.9	
	MIN	40	46	54	60	63	60	59	64	70	71	52	56	68	65	69	68	64	60	57	54	55	50	47	52	54	62	65	65	60	61	58	59.0
CARBONALE SEWAGE PLANT	MAX	63	71	79	79	78	80	83	88	88	90	87	72	86	88	85	83	77	80	77	73	74	65	67	65	62	65	81	80	77	81	77.5	
	MIN	30	36	48	58	62	53	48	59	68	71	47	50	65	58	55	63	64	55	55	48	48	47	36	46	62	58	63	61	55	42	48	53.5
CARLINVILLE	MAX	67	71	80	77	75	79	82	90	91	91	77	71	81	85	80	72	72	76	77	70	66	61	67	69	64	68	76	74	75	80	75.6	
	MIN	30	42	53	54	55	46	49	63	65	71	44	48	55	52	51	60	62	54	53	47	50	37	36	44	45	55	60	58	49	50	51.5	
CARLYLE	MAX	64	70	82	80	75	80	83	92	91	92	82	70	84	87	83	69	71	77	74	69	70	65	67	65	65	77	78	79	81	76.6		
	MIN	30	40	50	58	60	51	49	63	66	70	45	47	58	60	54	57	61	53	55	50	49	42	40	47	55	60	61	52	50	52.9		
CHARLESTON	MAX	62	67	78	80	75	76	80	88	90	89	67	64	81	83	80	71	69	75	73	69	68	63	61	69	74	72	70	75	76	79	74.2	
	MIN	33	41	54	57	52	45	54	61	66	66	44	45	55	56	49	55	58	54	55	49	50	39	39	48	48	53	60	58	59	50	53	51.8
CHENOA	MAX	60	68	77	78	76	73	80	88	89	88	67	60	81	80	74	76	74	72	71	70	65	59	65	70	75	80	66	69	78	82	73.6	
	MIN	29	40	50	56	46	41	44	40	44	44	40	45	50	51	44	50	55	50	48	41	44	36	32	37	40	48	56	58	62	43	50	45.8
CHICAGO O HARE AIRPORT	MAX	58	70	75	74	56	69	81	90	86	56	53	57	79	71	55	62	62	67	68	58	54	60	67	71	75	60	65	70	74	80	67.5	
	MIN	29	42	54	45	42	38	49	67	55	41	41	45	51	47	41	39	49	51	46	39	44	35	32	40	53	46	52	52	46	41	46	45.1
CHICAGO W8 AIRPORT	MAX	60	70	77	75	55	69	82	91	88	70	53	59	80	72	56	63	63	71	68	70	58	53	59	70	72	75	65	72	74	82	69.0	
	MIN	32	40	55	45	43	43	51	67	58	42	41	48	51	50	47	46	51	52	50	44	45	43	39	40	54	57	53	53	52	46	55	48.3
CHICAGO W8 CITY	MAX	52	69	75	75	48	60	80	89	87	69	46	56	79	70	55	58	61	71	67	70	60	53	56	65	68	70	64	65	69	69	66.3	
	MIN	39	46	58	43	42	46	56	68	53	41	41	46	52	49	45	55	50	54	51	48	46	42	42	50	55	56	51	57	51	54	60	49.7
COBDEN 2 S	MAX	64	76	77	74	78	80	80	86	86	85	84	72	83	84	83	87	78	77	76	71	70	64	68	63	60	65	77	80	78	78	82	76.3
	MIN	28	34	47	49	52	55	50	53	64	69	45	49	62	55	64	61	63	53	55	48	45	35	38	45	49	58	63	59	51	52	51	52.0
DECATUR	MAX	62	70	79	80	71	76	82	88	91	91	69	66	81	83	79	68	70	75	74	70	64	62	67	71	72	75	73	72	80	81	74.6	
	MIN	30	42	53	58	50	45	50	61	65	57	44	52	54	49	49	55	58	51	52	45	49	35	38	44	43	52	61	57	58	48	53	50.3
OIXON	MAX	63	72	76	75	72	74	83	90	91	87	61	57	76	73	67	71	75	72	67	71	70	57	65	72	77	77	72	65	72	80	73.0	
	MIN	32	43	43	60	42	43	48	63	67	48	40	40	51	53	46	46	51	48	47	39	44	38	33	43	45	49	54	54	56	46	54	47.3
OU QUON 2 S	MAX	68	71	79	78	75	78	82	87	87	90	85	70	84	87	84	79	71	77	74	70	70	63	65	69	60	64	78	80	78	76	81	76.1
	MIN	34	42	49	55	62	53	50	57	62	70	48	48	59	61	57	61	63	55	59	46	45	45	39	53	48	57	62	64	55	52	52	53.6
EFFINGHAM	MAX	64	71	80	82	76	77	83	90	91	93	75	67	86	85	79	71	70	77	75	70	66	63	65	69	70	68	74	78	76	77	80	75.7
	MIN	31	39	52	55	55	47	50	61	65	69	45	46	53	56	56	58	62	53	53	47	49	40	39	44	46	56	61	59	56	51	51	51.8
ELIZABETHTOWN	MAX	61	73	79	82	81	79	82	88	87	85	81	74	87	86	82	83	74	81	75	71	71	67	66	65	65	65	75	76	78	75	80	76.6
	MIN	30																															



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Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
JACKSONVILLE	MAX MIN	63 33	68 43	77 51	74 59	71 52	75 46	81 49	87 64	90 62	89 72	73 44	70 48	79 56	82 52	77 50	69 57	73 58	73 53	69 54	69 45	65 48	60 39	67 34	68 45	65 45	71 53	73 62	71 58	75 57	80 48	79 53	73.6 51.3
JERSEYVILLE	MAX MIN	66 30	70 43	79 51	79 57	74 58	79 43	84 90	90 65	93 65	90 78	78 45	75 49	84 87	85 75	72 60	72 54	75 51	70 48	75 42	70 45	65 45	63 36	67 35	68 50	65 41	71 44	73 51	75 55	77 53	80 45	79 50	76.1 52.1
JOLIET	MAX MIN	60 29	72 41	77 55	77 59	63 44	74 40	82 65	90 68	90 68	82 47	62 40	60 41	75 43	77 54	62 44	69 51	67 51	72 48	70 42	68 45	65 45	55 36	63 36	70 41	75 44	79 51	76 55	66 51	71 55	77 53	81 50	71.8 47.5
KANKAKEE 3 SW	MAX MIN	60 30	70 37	77 52	79 56	74 45	73 39	81 45	90 63	91 65	88 49	63 42	59 43	81 50	81 50	76 44	75 47	70 53	69 48	68 46	68 42	68 46	37 37	63 33	65 38	71 45	76 52	80 55	77 58	77 57	77 45	77 49	73.4 47.1
KEWANEE	MAX MIN	63 33	69 44	76 53	76 58	71 44	73 46	82 54	91 66	92 66	91 54	65 40	65 42	77 53	76 47	72 50	73 54	74 51	71 54	71 50	69 45	58 35	66 38	71 44	68 45	77 52	59 59	66 57	71 53	78 51	81 50	73.0 49.1	
LA HARPE	MAX MIN	66 33	71 44	79 53	75 60	72 48	76 50	83 63	90 66	92 63	87 49	71 41	70 44	79 54	79 53	76 47	67 45	75 51	73 52	71 49	69 43	69 48	60 35	67 38	70 44	66 45	75 52	73 54	75 57	79 46	81 51	74.4 49.7	
LA SALLE PERU	MAX MIN	61 33	70 43	78 54	79 59	72 44	75 43	84 45	94 65	93 69	86 49	64 41	60 44	82 54	79 53	64 47	72 45	69 51	74 52	67 49	72 43	64 48	59 38	64 34	73 42	75 45	79 52	74 54	75 57	77 46	81 54	73.5 48.8	
LINCOLN	MAX MIN	64 30	71 39	80 52	80 55	73 48	75 45	83 64	90 68	91 66	90 54	71 43	65 46	81 52	83 48	67 47	67 52	73 53	75 52	76 40	72 42	62 35	63 35	68 35	72 42	70 53	78 59	70 56	73 56	80 50	82 51	74.8 48.4	
MAKAOA 1 W	MAX MIN	63 33	69 41	80 54	78 57	78 61	78 56	80 53	86 68	90 68	88 65	86 41	85 45	85 57	84 64	86 63	75 55	77 55	75 46	69 46	65 48	68 38	63 48	61 47	64 58	77 61	64 59	77 64	77 57	76 51	81 51	76.0 54.3	
MARENGO	MAX MIN	60 25	70 39	72 47	72 53	64 36	72 46	80 64	89 62	88 64	70 41	57 36	58 39	78 47	75 50	62 39	70 36	66 46	70 46	65 46	68 42	67 42	53 38	64 27	71 37	72 47	78 40	72 45	62 50	68 54	78 46	82 46	70.1 43.6
MARSHALL 1 E	MAX MIN	61 30	68 33	77 44	79 50	75 54	73 46	79 44	87 59	88 65	88 66	74 45	64 45	83 52	82 51	67 48	73 56	71 60	74 53	75 48	68 46	67 46	65 38	65 36	69 38	72 46	72 53	77 61	75 57	76 61	79 50	74.5 49.5	
MASON CITY 1 E	MAX MIN	61 34	69 39	78 53	77 55	76 49	76 46	82 64	92 66	92 66	89 56	71 43	69 47	78 53	80 49	79 66	72 52	73 55	73 43	69 48	69 48	60 38	66 34	69 42	67 38	76 45	71 51	69 56	76 58	77 54	79 52	74.0 49.4	
MATTOON	MAX MIN	60 30	67 39	77 52	80 56	72 51	74 48	79 48	88 66	89 66	92 46	68 46	61 46	80 54	82 55	68 49	70 55	66 56	73 53	68 49	64 43	64 39	61 38	65 38	67 43	69 56	72 44	69 51	74 59	73 51	77 51	72.7 50.0	
MC LEANSBORO	MAX MIN	62 32	72 35	82 47	82 55	80 60	79 53	84 50	89 56	89 61	89 70	83 47	69 47	85 60	88 60	84 56	70 59	79 63	75 56	72 55	72 47	64 43	67 41	63 45	66 48	76 56	62 62	59 59	75 57	76 55	81 51	76.7 52.7	
MINONK	MAX MIN	63 32	71 40	80 50	79 55	75 45	74 44	83 61	93 85	85 67	80 51	67 40	80 64	81 51	79 47	70 62	72 57	70 48	71 45	65 38	66 46	63 35	66 35	73 40	76 53	80 51	76 54	72 57	69 57	70 46	84 51	74.2 47.4	
MOLINE W8 AIRPORT	MAX MIN	64 31	72 48	76 55	76 53	64 47	73 50	83 47	92 71	92 62	77 45	66 42	59 46	76 55	76 52	60 49	70 46	75 53	73 49	65 49	71 48	56 39	64 33	69 38	69 43	72 46	76 52	61 49	66 55	74 51	80 46	71.5 48.4	
MONMOUTH	MAX MIN	65 32	71 43	78 51	76 59	72 51	75 49	82 50	89 67	91 65	90 58	68 42	66 47	77 55	78 58	74 47	70 48	75 53	72 52	71 48	70 38	68 44	60 35	67 33	70 40	76 50	70 56	67 58	73 55	77 48	79 54	73.7 49.3	
MORRIS 5 N	MAX MIN	60 31	71 38	77 58	76 54	71 44	73 39	83 44	92 62	92 66	75 49	61 39	58 40	81 77	77 49	57 44	70 51	71 50	70 48	64 39	64 45	58 35	63 34	71 39	77 51	80 53	73 57	65 57	70 44	77 50	81 46	72.0 46.0	
MORRISON	MAX MIN	61 29	69 43	75 51	75 55	72 44	72 47	83 44	88 66	89 66	87 51	60 49	62 42	74 52	73 54	69 48	71 46	75 52	70 45	70 35	68 43	69 35	63 31	69 38	72 40	77 49	75 54	66 56	77 48	78 48	82 46	72.4 46.9	
MORRISONVILLE 4 SE	MAX MIN	63 31	70 37	72 52	72 55	75 53	75 46	80 50	89 62	89 64	89 62	72 45	69 47	83 54	82 51	82 52	70 53	78 59	73 53	68 48	66 50	61 38	65 37	69 45	64 44	70 55	73 61	72 57	74 57	77 50	78 54	74.1 50.8	
MOUNT CARMEL	MAX MIN	57 30	61 29	70 45	78 52	80 56	80 54	78 46	80 54	87 67	88 66	86 48	86 68	71 48	85 58	82 54	79 60	73 51	74 48	70 47	67 38	65 42	67 40	67 45	75 48	70 54	67 51	76 56	70 59	77 50	76 46	73.8 50.3	
MOUNT CARROLL	MAX MIN	61 28	70 45	74 53	75 60	75 43	72 42	81 45	89 69	87 71	87 49	61 37	57 40	74 52	74 53	64 44	72 52	74 52	72 51	69 47	70 48	68 38	64 37	68 29	70 42	74 54	75 57	67 56	70 56	76 52	79 47	71.7 47.0	
MOUNT VERNON	MAX MIN	62 32	72 35	78 49	78 56	76 59	78 54	81 50	88 59	87 64	90 59	86 48	69 48	84 59	86 63	83 59	70 57	70 62	77 56	74 55	68 46	62 49	65 41	65 44	66 41	65 46	76 56	61 46	65 56	79 52	82 49	75.4 52.9	
NASHVILLE 3 NW	MAX MIN	62 31	70 38	78 54	79 59	75 50	78 47	81 60	89 62	89 62	90 69	86 45	72 48	84 58	86 61	86 53	73 58	71 62	76 50	70 48	70 56	68 48	65 42	68 38	64 48	65 57	77 62	79 62	77 55	77 49	80 52	75.5 52.4	
NEW BURNSIDE	MAX MIN	69 31	72 37	79 46	80 55	80 58	80 54	82 65	87 58	87 62	86 70	85 47	76 48	84 65	86 57	84 61	76 62	80 54	80 53	79 47	72 49	72 46	69 35	67 42	64 57	65 62	78 56	73 54	77 49	82 46	82 52	77.6 52.8	
NEWTON	MAX MIN	62 30	69 35	78 49	81 56	78 57	78 50	81 48	88 63	90 66	90 66	79 46	66 46	86 54	84 57	83 51	72 56	70 61	77 53	75 49	70 49	68 40	65 40	68 45	71 46	66 56	76 60	69 59	76 52	77 50	80 46	75.7 51.4	
OLNEY	MAX MIN	60 29	70 37	78 45	81 57	76 55	78 55	79 45	88 60	89 66	88 68	71 53	76 46	81 56	81 61	71 53	72 59	70 61	76 54	69 46	67 47	64 38	63 47	67 42	71 46	76 56	70 60	75 59	75 58	79 50	79 46	74.6 51.5	
OTTAWA	MAX MIN	62 31	71 42	77 55	77 45	77 42	77 42	83 67	90 65	92 67	81 46	66 42	60 42	81 53	79 47	61 46	69 54	73 50	63 42	64 48	64 42	59 38	66 36	72 42	77 48	78 55	72 57	64 52	77 59	82 50	73.0 48.8		
PALESTINE	MAX MIN	62 29	73 35	80 48	83 54	80 54	79 51	85 46	90 61	92 66	91 58	69 47	61 46	85 56	83 57	70 53	75 58	71 60	77 54	75 49	70 47	67 39	66 47	70 43	73 48	70 56	74 61	79 56	76 52	83 49	83 51	75.8 51.5	
PANA	MAX MIN	62 35	69 41	77 53	78 57	72 53	75 45	80 52	87 61	88 66	90 66	70 45	65 46	80 56	81 55	77 51	69 57	70 59	74 55	71 48	67 53	64 50	60 39	63 45	66 45	64 45	69 57	70 61	72 58	73 51	76 46	72.7 52.0	
PARIS WATERWORKS	MAX MIN	59 32	68 37	76 53	79 52	74 44	75 44	79 47	87 63	88 66	86 65	66 43	81 45	82 54	76 52	74 50	75 56	75 51	68 49	65 48	65 49	60 37	65 40	70 44	75 53	65 56	70 60	74 58	75 60	76 48	79 50	73.7 50.3	
PARK FOREST	MAX MIN	58 29	68 40	76 53	76 44	76 44	71 39	80 52	89 67	89 69	73 41	55 42	59 44	79 50	74 48	56 43	60 49	70 51	64 49	67 48	67 47	54 32	63 34	69 45	75 53	76 55	66 52						

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Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ROCHELLE 1 W	MAX	52	59	70	74	72	69	72	81	89	87	55	58	59	75	74	61	70	66	70	67	68	54	56	62	70	75	78	60	64	74	78	68.4
	MIN	32	37	48	58	38	37	46	60	66	48	37	40	47	51	45	43	50	48	44	36	44	39	30	43	47	52	55	52	55	50	52	46.1
ROCKFORD WB AIRPORT	MAX	60	70	74	73	64	71	81	89	86	62	57	57	76	69	60	70	69	69	66	70	53	53	62	69	74	75	60	64	68	78	81	68.7
	MIN	32	43	52	46	41	39	49	67	60	41	39	42	52	48	44	41	51	51	45	39	45	37	32	42	51	52	54	54	52	47	52	46.5
RUSHVILLE	MAX	68	67	80	78	74	78	84	90	92	85	78	63	79	80	71	71	80	78	73	76	70	56	66	69	73	79	76	76	78	81	82	75.8
	MIN	33	44	46	52	51	52	49	62	62	63	42	47	51	49	47	47	51	52	52	46	44	34	37	41	46	52	60	54	52	54	59	49.4
SALEM	MAX	64	72	79	79	77	78	82	89	88	90	78	70	83	87	85	69	70	76	74	70	69	62	65	66	63	65	77	77	77	76	80	75.4
	MIN	31	35	48	59	59	53	48	62	66	70	47	47	54	59	54	58	61	54	53	46	47	39	38	43	45	57	61	59	54	50	50	51.8
SPARTA	MAX	64	70	80	77	77	78	82	90	89	93	89	72	83	86	86	78	79	77	75	70	66	63	67	66	58	64	77	78	79	80	76.4	
	MIN	34	39	54	59	60	50	53	62	69	69	45	49	60	60	58	63	62	55	57	47	51	42	39	48	48	58	62	64	55	53	54.2	
SPRINGFIELD WB AIRPORT	MAX	62	71	79	81	73	76	83	91	93	91	73	63	79	83	72	67	71	74	72	70	64	62	65	71	66	76	71	68	73	79	80	74.2
	MIN	32	44	52	59	52	46	50	62	64	47	45	48	55	51	50	57	56	51	52	45	42	37	36	48	45	57	57	55	50	54	50.1	
STOCKTON	MAX	63	70	74	73	64	75	81	87	89	73	58	55	72	68	63	72	73	70	66	70	64	55	65	70	75	75	71	65	76	79	81	70.7
	MIN	33	44	51	54	42	44	51	66	66	45	35	41	50	50	48	52	50	48	47	36	40	38	34	42	47	48	52	53	54	53	54	47.4
SYCAMORE	MAX	60	70	75	72	69	72	80	89	86	69	58	57	78	72	57	70	65	70	68	69	61	64	64	71	75	77	63	63	69	78	81	70.1
	MIN	29	40	50	67	39	35	48	63	63	42	38	39	48	50	42	42	50	49	44	36	43	40	31	40	46	50	53	51	56	45	51	45.8
TUSCOLA	MAX	60	69	77	81	77	76	80	89	90	92	74	65	80	83	81	71	70	75	75	70	69	62	65	71	74	76	73	75	75	78	80	75.3
	MIN	31	29	51	55	50	44	48	60	64	67	45	44	53	51	49	55	59	51	55	47	47	36	38	41	45	52	56	57	59	47	52	49.6
URBANA	MAX	58	68	77	80	65	73	79	87	89	87	65	58	79	80	70	69	65	74	74	69	63	60	65	70	76	76	67	75	73	78	81	72.6
	MIN	33	39	51	56	47	44	52	62	67	45	44	45	52	52	48	53	55	52	52	47	51	40	40	43	48	58	62	60	56	50	56	49.9
VANOALIA FAA AIRPORT	MAX	65	70	78	78	76	76	82	89	90	88	71	63	81	84	71	72	70	75	72	71	65	59	67	66	62	66	76	75	74	75	79	73.7
	MIN	31	36	50	54	57	49	47	59	64	46	45	47	55	57	53	60	60	54	52	47	44	41	39	46	46	57	61	58	54	50	50	50.6
VIROEN	MAX	64	69	78	78	74	77	81	89	90	92	78	69	81	84	82	72	70	70	75	70	68	62	66	68	64	71	75	73	76	78	80	75.0
	MIN	34	41	53	57	54	46	54	58	65	71	44	47	55	53	50	57	59	49	52	45	49	37	38	47	46	56	61	58	57	51	52	51.5
WALNUT	MAX	60	69	75	79	72	73	81	90	89	88	64	60	77	75	66	71	73	73	69	69	65	59	63	69	74	77	73	66	70	77	80	72.5
	MIN	31	43	53	59	42	41	50	68	69	51	39	42	52	46	47	45	50	50	48	38	45	34	35	41	45	51	53	56	57	57	52	48.1
WATERLOO	MAX	65	72	81	78	72	77	84	92	89	90	85	73	85	85	85	74	72	78	76	71	70	62	66	66	58	64	77	77	78	78	80	76.1
	MIN	37	42	53	60	59	53	56	59	67	69	45	49	61	63	55	63	61	55	61	49	51	43	43	51	49	57	60	63	57	56	55	54.9
WATSEKA 2 NW	MAX	56	67	75	78	71	70	76	86	87	87	61	61	80	80	78	72	70	71	70	67	67	57	62	69	75	76	74	72	71	76	79	72.3
	MIN	30	40	50	55	45	40	40	46	61	64	52	45	40	46	41	46	55	43	44	46	47	35	30	39	47	49	53	60	55	45	47	46.3
WAUKEGAN 2 WNW	MAX	51	70	77	72	53	63	81	88	84	58	48	51	78	75	55	59	64	71	67	69	65	53	57	63	70	69	64	62	67	73	77	66.3
	MIN	27	41	51	45	39	37	49	67	54	41	38	40	47	52	41	38	46	51	46	43	45	40	34	42	51	47	51	49	53	41	52	45.1
WHEATON COLLEGE	MAX	60	69	75	73	69	73	80	89	87	72	56	58	80	75	58	68	61	71	68	69	66	54	63	68	75	76	72	64	70	76	81	70.2
	MIN	29	40	51	59	42	39	49	63	69	44	39	41	49	52	42	42	47	50	46	41	45	41	34	42	52	53	55	51	56	46	51	47.1
WHITE HALL 1 E	MAX	64	70	78	77	71	75	82	90	91	88	76	70	80	83	78	69	71	73	70	68	67	59	64	66	63	69	74	73	74	79	78	73.9
	MIN	32	40	52	57	54	50	50	64	65	73	45	49	56	53	50	59	61	53	52	47	50	39	37	47	47	55	60	58	55	51	53	52.1
WINDSOR	MAX	61	70	78	79	74		80	89	90	92	73	65	80	83	79	71	68	74	72	69	64	63	66	70	70	71	67	75	73	79	74.0	
	MIN	30	37	50	54	50		43	59	64	64	43	45	52	51	48	55	58	52	52	47	48	37	35	42	43	54	60	57	56	48	49.4	

# SUPPLEMENTAL DATA

Station	Wind direction		Average	Wind speed m. p. h.			Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing		Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 AM CST	NOON CST	6:00 PM CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
CAIRO WB CITY	N	-	7.7	28	W	13	-	83	56	-	1	6	5	1	1	0	14	63	5.8
CHICAGO O HARE AIRPORT	NNE	12	10.7	25++	W	18+	61	65	49	48	7	1	4	1	0	0	13	8	6.3
CHICAGO MIDWAY AIRPORT	SW	14	10.2	32	NW	10	64	72	48	48	5	2	5	1	0	0	13	57	6.0
MOLINE WB AIRPORT	E	11	10.6	32	SE	11	84	86	55	53	3	6	4	0	1	0	14	69	6.5
PEORIA WB AIRPORT	S	13	10.1	26	NW	21+	76	80	56	52	3	3	4	0	0	0	10	63	6.1
ROCKFORD WB AIRPORT	WNW	9	11.2	27++	WNW	18+	70	75	47	48	7	2	5	1	0	0	15	-	6.3
SPRINGFIELD WB AIRPORT	SSW	9	11.8	32	NW	19	75	80	55	54	6	2	1	3	0	0	12	67	5.5

See Reference Notes Following Station Index

# DAILY SOIL TEMPERATURES

ILLINOIS  
MAY 1963

STATION AND DEPTH		Day of month																														Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31
URBANA																																	
4 INCHES	MAX	59	60	60	64	-	64	66	72	69	70	71	-	68	68	71	63	63	62	-	68	70	66	64	68	68	-	70	67	69	70	74	
	MIN	51	51	54	57	-	59	59	60	62	65	63	-	59	59	62	61	60	60	-	60	60	59	58	57	59	-	61	64	64	64	63	
8 INCHES	MAX	58	57	57	59	-	60	60	62	68	65	66	-	64	63	65	63	62	62	-	63	65	66	62	63	63	-	65	65	66	65	67	
	MIN	54	54	55	56	-	59	59	60	60	63	63	-	60	60	62	61	61	62	-	62	62	61	61	61	61	-	62	65	65	63	63	

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS 500. DEGREE OF SLOPE, 5%; SLOPE FACE SOUTHEAST.

# EVAPORATION AND WIND

Station		Day of month																														Total of Avg	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31
SPRINGFIELD W8 AIRPORT																																	
	EVAP	.17	.31	.38	.26	.20	.22	.34	.41	.38	.40	.22	.28	.19	.31	.20	.09	.18	.32	.17	.22	.31	.31	.19	.24	.15	.16	.00	.07	.21	.26	.33	
	WIND	47	124	108	122	95	63	79	158	143	198	168	174	106	58	111	90	90	151	92	66	160	127	37	58	56	90	75	75	102	34	55	
	MAX	75	74	81	80	76	85	84	87	89	88	76	71	85	87	79	70	72	76	63	79	73	70	78	76	67	72	71	73	80	89	87	
	MIN	34	43	51	58	56	50	56	60	73	68	46	48	55	58	51	57	61	54	53	49	52	40	43	51	50	57	61	62	58	57	60	
URBANA ENG CAMPUS																																	
	EVAP	.10	.17	.23	.28	.23	.15	.16	.37	.41	.38	.33	.16	.16	.20	.36	.04	.03	.04	.44	.31	.27	.27	.35	.22	.22	.21	.29	.00	.16	.20	.28	
	WIND	70	39	87	75	90	61	21	104	167	120	101	90	79	44	64	54	39	42	83	61	58	61	40	20	23	30	67	23	56	26	22	
	MAX	56	73	74	81	81	73	79	83	85	88	88	76	68	85	86	61	68	67	80	78	81	75	69	78	80	84	81	69	81	80	88	
	MIN	39	37	43	51	54	47	48	56	59	65	47	47	47	52	49	48	54	54	54	50	50	42	42	44	47	51	57	61	60	55	56	

MAX AND MIN IN DAILY EVAPORATION TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.



# STATION INDEX

ILLINOIS  
1963

OBSERVATION										OBSERVATION											
STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	TIME AND TABLES			OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	TIME AND TABLES			OBSERVER
							TEMP.	PRECIP.	EVAP.									TEMP.	PRECIP.	EVAP.	
ALBION	0055 EDWARDS		7 39 23	88 03		570	6P	6P	H	BESSIE ELLEN	LANARK	4879 CARROLL	4 42 06	89 50	825					MATT L. LAW	
ALEXIS	0072 HERBEN		4 41 13	90 34		720	6P	6P	C	FLOYD R. UTINGER	4922 LA SALLE	1 41 20	89 08	516	7P	4P				WESTLOCK GEN TIME CORR	
ALTON WATERWORKS	0004 WARREN		4 38 25	90 34		732	7P	7P	C	THOMAS E. PHELPS	4951 LA SALLE	1 41 20	89 08	546						GREG W. TURNER	
ALTON DAM 26	0137 MADISON		5 37 28	89 14		665	6P	6P	H	U. S. CORPS OF ENGINEERS	4959 LAWRENCE	1 38 43	87 48	40	6P	7P				BILLY L. ROGERS	
ANNA I E	0187 UNION		4 23 06	89 04		665	6P	6P	C	J. B. DON MARLINE	5079 LOGAN	1 40 09	89 22	591	7P	4P				LEONARD E. JUNE	
ANTIOCH	0203 CLAY		4 42 02	87 58		680	7P	7P	H	H. R. KIELAK	5126 HICKORY	1 40 28	90 40	102						CHICAGO DIST WATERWORKS	
ARLINGTON HEIGHTS 4	5520247 COOK		4 42 02	87 58		680	7P	7P	H	GEORGE A. HONEMAN	5216 CLAY	1 38 50	89 30	480	6P	7P				ROGER HAYES	
AUGUSTA 2 W	0330 HANCOCK		1 40 14	90 59		680	7P	7P	C	WALTER M. ROWLAND, SR.	5272 TAZEWELL	1 40 32	89 22	670	6P	6P				CARLIE H. KULL	
AURORA COLLEGE	0378 KANE		1 41 45	88 20		766	7P	7P	C	AURORA COL. PHYSICS DEPT	5280 MCDONOUGH	1 40 28	90 40	102						W. S. NEWELL	
AVD N 5E	0356 FULTON		1 40 44	90 22		680	7P	7P	C	JAMES R. MITCHELL	5294 JACKSON	4 37 38	89 14	60	6P	6P				HARVEY B. MARLINE	
BARRINGTON 1 NW	0442 LAKE		1 42 10	88 09		810	6P	6P	C	CHICAGO AERIAL IND 23	5326 MCHEERY	6 42 15	88 36	825	6P	6P				HAROLD HYOE	
BARRY	0445 PIKE		4 39 41	91 03		640	7A	7A	C	GEORGE E. GRIDER	5334 FULTON	1 40 30	90 24	546						JOSEPH ACE MCCANCE	
BEARSTOWN	0482 CASS		1 40 01	90 28		445	7A	7A	C	MARION 2 W	5342 WILLIAMSON	4 37 44	88 55	448	5R	5R				ERNEST THOMAS RYD	
BELLEVILLE SCOTT AF	0501010 ST CLAIR		2 38 32	89 51		447	MID	MID	C	U. S. AIR FORCE	5364 MACON	1 40 02	88 58	720						LLOYD J. SIMMONS	
BELVIDERE SEWAGE PLANT	0583 BOONE		6 42 16	88 52		753			C	CITY OF BELVIDERE	5372 LA SALLE	1 41 20	88 45	486	7A	7A				U. S. CORPS OF ENGINEERS	
BENTLEY 1 NW	0598 HANCOCK		1 40 22	91 08		635	6A	6A	C	GEORGE A. EICHT	5380 CLARK	7 38 23	87 43	670	5R	5R				ERNEST THOMAS RYD	
BENTON FOREST SERVICE	0608 FRANKLIN		4 38 02	88 55		445	8A	8A	C	MUN WATER AND POWER PL	5413 MASON	1 40 13	89 41	525	6P	6P				HARRY MOUNT	
BLOOMINGTON WATERWORKS	0761 MCLEAN		1 40 30	89 01		775	7A	7A	C	MERL L. BURGIN	5430 CDLES	7 39 28	88 21	718	MID	MID				GEORGE FRANCIS	
BLOOMINGTON NORMAL	0776 MCLEAN		1 40 30	89 00		810	4P	4P	H	ILL. STATE NORMAL UNI	5493 MCHEERY	1 39 12	88 14	642	6P	6P				EDWARD LEXUS KOCMOO	
BLUFFS	0781 SCOTT		1 39 45	90 32		467	6P	6P	C	VERNON A. NORTBUR	5515 HAMILTON	5 38 05	88 32	458	6P	6P				F. G. FRAZIER	
BROOKPORT DAM 52	0993 MASSAC		5 37 08	88 39		330	6P	6A	C	U. S. CORPS OF ENGINEERS	5539 HACOURIN	1 39 10	90 08	620	7R	7R				M. F. OODGE	
CAIRO WU CITY	1166 ALEXANDER		4 37 00	89 10		314	MID	MID	C	U. S. WEATHER BUREAU	5712 WOODFORD	1 40 54	89 02	755	7R	7R				HOMER C. PARKS	
CANTON	1202 FULTON		1 40 02	89 02		655	6P	6P	C	FLOYD W. HANBORN	5780 ROCK ISLAND	6 41 47	89 31	645	MID	MID				U. S. WEATHER BUREAU	
CARBONDALE SEWAGE PLANT	1265 JACKSON		4 37 44	89 12		380	6P	6P	H	HUGH B. BOYO	5768 WARREN	4 40 55	88 30	770	6P	6P				PROF. LYLE FINLEY	
CARLINVILLE	1280 MACDONP		1 39 17	89 52		625	6P	6P	C	H. JACK A. CAMPBELL	5791 PIATT	1 40 02	88 34	625	5P	5P				LEE F. GIFFIN	
CARLYLE	1288 CLINTON		2 38 36	89 22		600	7P	7A	C	MUN WATER AND POWER PL	5800 GRUNDY	1 40 41	89 24	620	7A	7A				RAY WEBB	
CRALYLE RESERVOIR	1290 CLINTON		2 38 38	89 20		501	6P	6P	C	U. S. CORPS ENGINEERS	5825 GRUNDY	1 41 27	88 24	580	6P	6P				PHILLIP C. COLLINS	
CARLI 6 NW	1296 WHYTE		7 38 10	88 12		390	6P	6P	C	HUBERT BOHLERER	5833 WHITESIDE	6 41 49	89 59	603	5P	5P				H. CITY OF HORIZON	
CENTRALIA 2 NE	1384 RABEN		1 41 45	89 47		406	6P	6P	C	CITY OF CENTRALIA	5841 CHRISTIAN	1 39 12	88 27	636	6P	6P				CHILING WATERS	
CHANDLERVILLE	1412 CASS		1 40 03	90 19		475	6P	6P	C	INACTIVE 4/25/63	5846 CHRISTIAN	1 39 23	89 24	635	7P	7P				H. E. PAUL BEAY	
CHANNANOW OREGON ISL	1420 GRUNDY		1 41 24	88 17		505	7A	7A	C	U. S. CORPS OF ENGINEERS	5893 WABASH	7 38 24	87 46	390	8A	8A				MT CARMEL SEWER DEPT	
CHARLESTON	1436 COLES		7 39 29	88 11		710	6P	7A	C	EASTERN ILL. UNIV.	5901 CARROLL	4 42 05	89 58	817	7P	7P				JAMES F. MCCRAY	
CHENCA	1445 PERRY		3 41 57	88 50		514	5P	5P	C	WILLIAM PERRY	5916 LOGAN	1 40 01	89 16	645	5P	5P				ALVA BROWN	
CHESTER	1491 FANDOLPH		3 41 54	89 50		540	6P	6P	C	ROBERT W. GARRIS	5927 LOGAN	1 40 01	89 16	645	5P	5P				ALVA BROWN	
CHICAGO CALUMET TR WS	1522 COOK		41 40 07	87 36		593			C	CHICAGO SANITARY DIST	5935 BROWN	1 39 59	90 47	711	5P	5P				HOMER L. RENAKER	
CHICAGO LAKEVIEW PUMP	0748 HANCOCK		41 40 07	87 36		593			C	CITY ENGR WATER PURIF	5937 FERRIS	1 39 59	90 47	711	5P	5P				REV. ROBERT BERT	
CHICAGO LOYALTY UNIV	1537 COOK		41 40 07	87 36		593			C	CHICAGO SANITARY DIST	5993 JACKSON	4 37 46	89 19	420	6P	6P				MURPHYSBORO WATER CO	
CHICAGO MAYFAIR PMP	STAS342 COOK		41 40 07	87 36		593			C	CITY ENGR WATER PURIF	6011 WASHINGTON	2 38 23	89 24	460	6P	6P				R. E. SCHLEIFER	
CHICAGO M BK PUMP STA	1544 COOK		41 40 07	87 36		593			C	CHICAGO SANITARY DIST	6041 RENDALL	1 41 35	88 27	636	6P	6P				PARTY OF HIGHLAND	
CHICAGO O HARE AIRPORT	1549 COOK		41 41 59	87 54		658	MID	MID	C	U. S. WEATHER BUREAU	6080 MERCER	4 41 11	91 03	548	8A	8A				U. S. CORPS OF ENGINEERS	
CHICAGO ROSELAND PMG	1552 COOK		41 41 42	87 38		659			C	CITY ENGR WATER PURIF	6093 JOHNSON	5 37 35	88 46	540	5P	5P				MAE MCCABE	
CHICAGO SAN DIST DISP	1557 COOK		41 41 40	87 42		602			C	CHICAGO SANITARY DIST	6159 JASPER	7 39 00	88 10	513	6P	6P				GEORGE H. PAYNE	
CHICAGO SAN DIST OFFICE	1562 COOK		41 41 40	87 38		602			C	CHICAGO SANITARY DIST	6480 SCHINDLER	8 08 46	86 06	650	6P	6P				ROBERT STATION WLM	
CHICAGO S FILTER PLANT	1564 COOK		41 41 45	87 33		611			C	CITY ENGR WATER PURIF	6490 DGLE	6 42 00	89 20	690	6P	6P				CARNATION COMPANY	
CHGD SPRINGFIELD PMG	1567 COOK		41 41 55	87 44		630			C	CITY ENGR WATER PURIF	6526 LA SALLE	1 41 22	88 50	544	7P	7P				JOHN A. BEED	
CHICAGO WU AIRPORT	1577 COOK		41 41 47	87 45		610			C	CITY OF PEORIA	6526 LA SALLE	1 41 22	88 50	544	7P	7P				JOHN A. BEED	
CHICAGO WB CITY	1582 COOK		41 41 53	87 38		594	MID	MID	C	CITY OF PEORIA	6579 CHRISTIAN	2 39 23	89 05	696	7P	7P				C. E. SCHUMAKER	
CHILICOTHE	1607 MCCLORIA		7 38 31	87 38		594	MID	MID	C	U. S. WEATHER BUREAU	6605 EDGAR	7 39 37	87 41	750	7P	7P				CITY OF PARIS	
CISNE	1664 WAYNE		7 38 31	88 26		454	6A	6A	C	JOHN C. DEWINE	6638 EDGAR	7 39 37	87 41	750	7P	7P				PARIS WATERWORKS	
CLINTON 1 55W	1743 DE WITT		1 40 08	88 58		746	5P	5P	C	J. E. PITRAT	6661 LEE	1 41 41	88 59	928	7A	7A				W. A. WOODS	
COBDEN 2 S	1775 UNION		4 37 30	89 15		340	6P	6P	C	PAY PAW	6670 ADAMS	4 39 49	89 15	760	7A	7A				U. S. CORPS OF ENGINEERS	
COULTERVILLE RESERVOIR	1848 HANCOCK		6 42 17	88 56		510	6P	6P	C	R. G. ANDERSON	6711 PEORIA	6 41 40	88 41	652	MID	MID				U. S. WEATHER BUREAU	
CRETE	2011 WILL		3 41 27	87 38		660			C	INACTIVE 5/9/63	6725 WILL	1 41 20	87 48	522	6P	6P				MINA CUTE	
DANVILLE	2140 VERNILION		7 40 08	87 39		568	5P	5P	C	VILLAGE OF CRETE	6760 HENARD	1 40 00	89 51	590	6P	6P				LESLIE A. LINK	
DANVILLE SEWAGE PLANT	2143 HANCOCK		7 40 08	87 39		568	5P	5P	C	INTERSTATE WATER CO	6819 FORD	1 40 00	89 51	590	6P	6P				REV. ROBERT BERTSCH	
DECATUR	2193 KANE		1 39 51	88 58		670	7A	7A	H	H. ETHELDA C. COONRAT	6833 PIKE	4 39 37	90 45	640	6P	6P				PITTSFIELD WATERWORKS	
DEWITT	2348 LEE		6 41 50	89 29		696	6P	7A	C	ROBERT H. NELLIS	6861 PIKE	4 40 27	89 52	471	6P	6P				LOU GALLAGHER	
DIXON 2 NE	2417 MCLEAN		1 40 25	89 51		754	2P	2P	H	ADIA A. DEWINE	6892 LIVINGSTON	1 40 25	87 42	647	5P	5P				LEWIS WATER SERV CO	
DU QUIN 2 S	2483 PERRY		4 37 59	89 11		410	6P	6P	C	ILLINOIS STATE PDICE	6973 RANDOLPH	4 38 05	90 06	396	7A	7A				LEWIS TEBEAU	
EAST ST LOUIS PARKS	COL2614 ST CLAIR		4 38 34	90 11		430	6P	6P	C	PARKS COLLEGE	7004 PEORIA	1 40 57	89 46	725	6P	6P				FRANK S. STEWART	
EDELSTEIN	2642 PEORIA		1 40 56	89 38		800			C	HAROLD D. PRICE	7014 WHITESIDE	6 41 40	89 56	605						PUBLIC SERVICE CO N ILL	
EDWARDSVILLE	2679 MAD																				



REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Monthly Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.
- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-ASHEVILLE--7-12-63---900



U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

ILLINOIS

JUNE 1963

Volume 68 No. 6



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 102° on the 28th at Quincy  
Lowest Temperature: 35° on the 22d at Morris 5 N and Watseka 2 NW  
Greatest Total Precipitation: 6.20 inches at Flora 2 NW  
Least Total Precipitation: 0.03 inch at Avon 5 NE  
Greatest One-Day Precipitation: 3.40 inches on the 30th at Flora 2 NW

SPECIAL WEATHER SUMMARY

June was another extremely dry month in Illinois. Precipitation was much below normal over the entire State with the central and western portions the driest. Several stations in the West Climatic Division received a monthly total of less than one-quarter inch and the division average was less than 15 percent of normal precipitation.

Temperatures averaged slightly above normal in the north and central portion and near normal in the south.

Crop damaging hail was reported on nearly half of the June days. Storms of the 10th and 13th each caused hail

damage in approximately 40 counties. On the 10th, one hailstorm in the morning near Dow (Jersey County) was followed by two more in the afternoon. Tornadoes were also reported on the 10th and 13th. For more complete information on severe storms see June issue of STORM DATA.

William L. Denmark  
Weather Bureau State Climatologist  
Station A, Box 143  
Champaign, Illinois



# CLIMATOLOGICAL DATA

ILL1N015  
JUNE 1963

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
WEST																								
PORTLAND	88.4	60.9	74.7	2.8	100	30	43	21	9	15	0	0	0	0	0.07	- 4.78	.04	19	.0	.0	.0	0	0	0
PORTLAND	86.6	59.2	72.9	2.2	98	30	42	22	13	11	0	0	0	3.08	- 1.31	1.17	3	.0	.0	.0	6	3	1	
PORTLAND	83.9	58.1	71.0	1.8	94	7	41	22	29	7	0	0	0	3.02	- 1.53	1.38	9	.0	.0	.0	5	3	1	
PORTLAND	84.6	61.2	72.9		94	30+	46	22	10	7	0	0	0	2.39		.84	8	.0	.0	.0	4	3	0	
PORTLAND	87.9	59.0	73.5	1.9	97	30	45	22+	11	14	0	0	0	.36	- 4.16	.28	20	.0	.0	.0	1	1	0	
PORTLAND	86.8	60.8	73.8		96	8	45	22	13	14	0	0	0	1.30	- 3.22	.87	20	.0	.0	.0	1	0	0	
PORTLAND	87.6	61.5	74.6		97	8+	45	21	10	13	0	0	0	.41		.17	20+	.0	.0	.0	2	1	0	
PORTLAND	87.3	59.7	73.5	2.1	98	8+	45	22+	15	14	0	0	0	1.02	- 3.35	.81	19	.0	.0	.0	2	1	0	
PORTLAND	87.5	57.6	72.6	1.6	98	7	41	21	20	14	0	0	0	1.17	- 3.29	.43	20	.0	.0	.0	5	2	0	
PORTLAND	84.8	58.4	71.6	1.7	95	7	42	21	21	10	0	0	0	2.18	- 2.64	.85	9	.0	.0	.0	5	2	0	
PORTLAND	83.2	57.9	70.6		95	8	41	21	38	7	0	0	0	3.51	- .92	.90	8	.0	.0	.0	7	2	0	
PORTLAND	83.7	57.1	70.4		96	8	41	22	39	9	0	0	0	2.90	- 1.33	1.30	9	.0	.0	.0	5	5	1	
PORTLAND	83.2	59.0	71.1	1.4	95	7	46	22+	34	8	0	0	0	4.27	- .03	1.12	19	.0	.0	.0	9	3	1	
PORTLAND	84.9	58.9	71.9		97	30	42	21	28	10	0	0	0	2.76		1.33	9	.0	.0	.0	6	2	1	
PORTLAND	86.0M	59.5M	72.8M	0.6	95	30+	40	21	18	11	0	0	0	1.75	- 2.53	.83	4	.0	.0	.0	5	1	0	
DIVISION																								
72.5 2.0 2.01 - 2.53 .0 5 1 0																								
EAST																								
PORTLAND	85.5	56.5	71.0		94	30+	43	22	16	10	0	0	0	2.80		.99	9	.0	.0	.0	5	3	0	
PORTLAND	83.9	58.0	71.0	1.8	95	30+	44	21	26	7	0	0	0	3.21	- 1.07	1.47	7	.0	.0	.0	6	2	1	
PORTLAND	84.8	55.6	70.2		94	30	37	22	38	12	0	0	0	1.55		.74	9	.0	.0	.0	5	1	0	
PORTLAND	82.2	55.7	69.0		92	30+	36	22	59	7	0	0	0	2.30		.65	27	.0	.0	.0	5	2	0	
PORTLAND	81.1	60.3	70.7	1.9	96	26	46	22	41	7	0	0	0	2.09	- 1.70	.51	10	.0	.0	.0	5	1	0	
PORTLAND	84.4	62.3	73.4	2.7	97	30	46	22	26	10	0	0	0	2.39	- 1.68	.85	7	.0	.0	.0	5	2	0	
PORTLAND	80.0	64.1	72.1	2.2	97	9	51	21	31	16	0	0	0	3.82	- .18	1.52	27	.0	.0	.0	6	3	1	
PORTLAND	86.1	59.0	72.6		96	7	46	22	21	15	0	0	0	2.71		.94	19	.0	.0	.0	6	1	0	
PORTLAND	88.1	59.8	74.0	1.2	98	7	41	22	16	14	0	0	0	1.88	- 1.81	.28	20	.0	.0	.0	6	0	0	
PORTLAND	86.2	55.2	70.7		98	30	36	22	34	13	0	0	0	2.27		.74	5	.0	.0	.0	6	2	0	
PORTLAND	86.1	56.9	71.5	0.6	96	30+	35	22	28	14	0	0	0	2.17	- 1.32	1.11	5	.0	.0	.0	6	1	1	
PORTLAND	86.9	60.2	73.6	1.7	97	30+	43	22+	12	12	0	0	0	3.42	- .54	1.54	5	.0	.0	.0	6	2	1	
PORTLAND	84.4	58.6	71.5		96	30	38	22	39	11	0	0	0	2.49		.90	7	.0	.0	.0	5	2	0	
PORTLAND	84.7	57.0	70.9	1.4	96	30	40	22	28	10	0	0	0	5.83	- 1.31	1.97	5	.0	.0	.0	7	3	2	
PORTLAND	81.5	56.6	69.1	1.9	94	26	40	21	41	5	0	0	0	1.42	- 2.46	.52	9	.0	.0	.0	4	1	0	
PORTLAND	85.4	60.4M	72.9M		96	30	40	22	18	12	0	0	0	2.03		.62	9+	.0	.0	.0	5	2	0	
DIVISION																								
71.5 1.6 2.65 - 1.43 .0 4 1 0																								
ST																								
PORTLAND	86.3	62.1	74.2		95	30+	48	22+	7	13	0	0	0	1.34	- 3.41	.61	4	.0	.0	.0	4	1	0	
PORTLAND	90.1	60.7	75.4		100	10+	45	22	7	18	0	0	0	.55	- 3.89	.43	19	.0	.0	.0	2	0	0	
PORTLAND	88.7	62.2	75.5	3.0	100	30	45	21	5	13	0	0	0	.49	- 4.47	.30	2	.0	.0	.0	2	0	0	
PORTLAND	87.2	60.0	73.6		96	30	41	21	13	14	0	0	0	.92		.84	5	.0	.0	.0	1	1	0	
PORTLAND	90.1	66.6	78.4	3.3	102	28	53	22+	2	17	0	0	0	.73	- 3.94	.42	19	.0	.0	.0	2	0	0	
PORTLAND	87.8	64.1	76.0		98	30+	50	22	2	14	0	0	0	.40		.40	19	.0	.0	.0	1	0	0	
PORTLAND	90.3	60.7	75.5	2.2	99	9	46	21	4	18	0	0	0	.57	- 3.82	.31	5	.0	.0	.0	2	0	0	
DIVISION																								
75.5 2.5 .71 - 4.13 .0 2 0 0																								
NTRAL																								
PORTLAND	87.9	62.5	75.2	2.4	95	30+	43	21	9	14	0	0	0	1.12	- 3.49	.57	7	.0	.0	.0	2	1	0	
PORTLAND	87.6	57.6M	72.6M		97	30+	39	21	20	15	0	0	0	.62		.36	10	.0	.0	.0	2	0	0	
PORTLAND	87.2	61.4	74.3	0.7	95	30+	45	21	5	15	0	0	0	3.71	- .99	1.59	5	.0	.0	.0	5	3	1	
PORTLAND	87.6M	58.1M	72.9M		98	7	42	21	15	0	0	0	0	1.21		.55	8	.0	.0	.0	3	1	0	
PORTLAND	90.0	61.6	75.8	2.3	100	30	44	22	3	16	0	0	0	.79	- 3.43	.66	5	.0	.0	.0	1	1	0	
PORTLAND	89.1	58.9M	74.0M	0.8	100	30	42	21	14	18	0	0	0	1.38	- 3.13	.79	6	.0	.0	.0	2	2	0	
PORTLAND	87.9	59.6	73.8		97	30+	42	22+	8	14	0	0	0	.71		.40	10	.0	.0	.0	2	0	0	
PORTLAND	89.1	57.3	73.2		99	30	40	21	14	19	0	0	0	.84	- 2.99	.48	10	.0	.0	.0	2	0	0	
PORTLAND	85.9	60.0	73.0	1.3	96	30	46	21	14	13	0	0	0	1.53	- 2.55	1.45	5	.0	.0	.0	1	1	1	
PORTLAND	86.4	60.6	73.5		95	30+	42	21	14	14	0	0	0	.86	- 3.05	.43	5	.0	.0	.0	3	0	0	
DIVISION																								
73.8 0.7 1.28 - 3.14 .0 1 1 1																								
ST																								
PORTLAND	87.7	56.7	72.2	0.0	101	4	41	22	12	14	0	0	0	1.71	- 2.86	.70	10	.0	.0	.0	5	1	0	
PORTLAND	86.2	58.7	72.5	0.3	95	27+	43	22+	18	13	0	0	0	1.68	- 2.88	.58	13	.0	.0	.0	5	1	0	
PORTLAND	86.6	57.4	72.0	0.9	96	27+	39	22	26	15	0	0	0	1.98	- 2.10	1.18	20	.0	.0	.0	3	2	1	
PORTLAND	88.0	59.9	74.0	1.9	98	30	43	22	12	15	0	0	0	.78	- 3.31	.36	8	.0	.0	.0	2	0	0	
PORTLAND	87.1	57.5	72.3		96	30+	39	22	21	15	0	0	0	.94	- 2.99	.64	5	.0	.0	.0	2	1	0	
PORTLAND	86.5	60.9	73.7	1.3	96	9+	47	22+	12	14	0	0	0	2.26	- 2.28	1.14	10	.0	.0	.0	5	2	1	
PORTLAND	86.0	56.3	71.2		96	9	35	22	27	15	0	0	0	1.19	- 2.72	.69	8	.0	.0	.0	3	1	0	
DIVISION																								
72.6 0.8 1.51 - 2.72 .0 4 2 2																								
ST SOUTHWEST																								
PORTLAND	87.0	66.4	76.7		97	28	52	21	1	14	0	0	0	4.57		2.12	11	.0	.0	.0	4	4	2	
PORTLAND	88.6	61.1	74.9	1.0	97	30+	44	21	5	15	0	0	0	1.83	- 3.10	1.29	10	.0	.0	.0	4	4	1	
PORTLAND	88.0	63.2	75.6	1.4	98	30	48	21	3	15	0													

# CLIMATOLOGICAL DATA

ILLIN  
JUNE 7

CONTINUED

Station	Temperature													Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days				
										Max.		Min.		Total					Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More
										37° or Above	32° or Below	37° or Below	32° or Below													
EAST SOUTHEAST																										
CHARLESTON	87.2	62.3	74.8		97	30	45	21	6	13	0	0	0	2.57	- 2.04	1.60	14		+0			4	1	0		
EFFINGHAM	89.1	62.0	75.6		97	29+	46	21	4	14	0	0	0	1.61	- 3.04	.70	10		+0	0		4	2	0		
FLORA 2 NW	88.0	61.3	74.7	- 0.1	96	9+	45	21	5	13	0	0	0	6.20		3.40	30		+0	0		7	4	1		
MARSHALL 1 E	86.6	58.7	72.7		95	9	45	22	8	13	0	0	0	5.12		2.72	13		+0	0		5	3	2		
MATTOON	85.8	61.1	73.5		95	9+	45	21	11	12	0	0	0	3.85		1.24	4		+0	0		4	4	2		
NEWTON	88.5	61.2	74.9		97	9	45	21	3	12	0	0	0	1.43		.50	11		+0	0		4	1	0		
OLNEY	86.6M	59.9M	73.3M	- 1.4	97	9	44	20	7	10	0	0	0	4.53		2.48	13		+0	0		6	2	1		
PALESTINE	88.6	60.7	74.7	0.0	99	9	46	21	3	16	0	0	0	3.25	- 1.12	1.21	13		+0	0		5	3	2		
PARIS WATERWORKS	85.9	60.6	73.3		95	9	45	21	8	13	0	0	0	4.78		1.46	13		+0	0		5	4	2		
SALEM	88.9	62.0	75.5		97	9+	47	21	3	14	0	0	0	1.44	- 2.92	.61	11		+0	0		5	1	0		
TUSCOLA	88.4M	58.6M	73.5M		97	27	41	23	14	15	0	0	0	2.00	- 2.75	.96	8		+0	0		4	2	0		
VANGALIA FAA AIRPORT	87.6	60.1	73.9		98	9+	45	21	8	14	0	0	0	1.30		.86	10		+0	0		3	1	0		
WINDSOR	87.6M	59.4M	73.5M	0.2	96	29	41	22	13	13	0	0	0	2.81	- 2.23	1.92	5		+0	0		2	2	1		
DIVISION			74.1	0.2										3.15	- 1.36				+0							
SOUTHWEST																										
ANNA 1 E	88.2	63.5	75.9	0.7	97	9	51	22+	0	14	0	0	0	1.89	- 2.50	.63	14		+0	0		4	2	0		
BELLEVILLE SCOTT AF BS	86.0	63.1	74.6		95	10+	46	21	5	11	0	0	0	2.02		.66	15		+0	0		4	2	0		
CAIRO WB CITY	88.7	68.7	78.7	0.8	100	9	58	21	0	14	0	0	0	2.30	- 1.83	.97	15		+0	0		4	3	0		
CARBONDALE SEWAGE PLT	88.7	62.7	75.7	0.1	98	9+	49	21	1	15	0	0	0	3.09	- 1.10	1.06	16		+0	0		5	3	1		
CARLYLE	87.5	61.5	74.5		96	9	50	21	1	12	0	0	0	2.69		.95	20		+0	0		4	2	0		
COBOEN 2 S	87.9	63.0	75.5	- 0.1	97	8	49	21	2	13	0	0	0	3.57		1.09	20		+0	0		6	4	1		
OU OUBIN 2 S	87.7M	64.1M	75.9M		97	9	51	21	0	10	0	0	0	3.29	- .60	.70	27		+0	0		5	5	0		
MAKANOVA 1 NW	88.0	62.8M	75.4M		98	8	47	21	2	15	0	0	0	2.89		.59	28		+0	0		6	3	0		
NASHVILLE 3 NW	87.7	62.2	75.0	0.2	94	10+	47	22	2	11	0	0	0	2.65	- 1.41	1.04	11		+0	0		6	1	1		
NEW BURNSIOE	88.7	64.3	76.5	0.6	97	8	47	21	2	14	0	0	0	3.32	- .87	1.02	16		+0	0		6	3	1		
SPARTA	88.7	64.3	76.5	0.6	97	8	47	21	2	14	0	0	0	1.63	- 2.22	.78	16		+0	0		4	1	0		
WATERLOO	88.4	65.7	77.1		95	10+	51	21	0	16	0	0	0	4.44	.41	2.11	13		+0	0		4	3	2		
DIVISION			75.9	0.2										2.82	- 1.48				+0							
SOUTHEAST																										
ALBION	89.7	63.4	76.6		98	9+	47	21	2	16	0	0	0	1.44		.47	11		+0	0		5	0	0		
BROOKPORT OAM 52	88.1	62.6	75.4		97	10+	51	24	0	13	0	0	0	2.19	- 1.80	.74	11		+0	0		5	2	0		
ELIZABETHTOWN	87.1	61.2	74.2		96	10	51	21	2	11	0	0	0	3.05		1.08	16		+0	0		4	2	0		
FAIRFIELD RADIO WFIW	88.1	61.5	74.8	- 0.4	97	9	45	21	4	14	0	0	0	1.68		.60	30		+0	0		4	2	0		
HARRISBURG	90.6	61.5	76.1	0.1	99	9+	49	22+	1	21	0	0	0	2.98	- .71	1.42	16		+0	0		6	2	1		
MC LEANSBORO	89.8	63.1	76.5	0.9	100	8	48	21	3	18	0	0	0	3.67	- .04	1.95	20		+0	0		6	2	1		
MOUNT CARMEL	87.5	61.7	74.6		98	10	49	22+	3	11	0	0	0	1.80		.53	21		+0	0		5	1	0		
MOUNT VERNON	88.8	62.6	75.7	0.4	98	8	47	21	3	16	0	0	0	2.39	- 1.58	.88	11		+0	0		4	2	0		
DIVISION			75.5	- 0.1										2.40	- 1.46				+0							

See Reference Notes Following Station Index







# DAILY TEMPERATURES

ILLINOIS  
JUNE 1963

Station	Day Of Month																														Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
ALBION	MAX	88	90	89	90	90	94	97	98	98	95	89	89	90	88	85	79	84	87	87	84	78	83	89	92	94	94	95	91	93	90
	MIN	58	64	65	67	68	66	71	73	73	77	63	57	59	64	58	60	59	59	61	68	47	51	54	61	66	64	67	71	67	63
ALECO	MAX	85	87	89	92	90	91	97	96	93	90	73	78	91	87	74	82	84	89	85	81	76	82	88	92	93	95	97	95	99	100
	MIN	55	66	66	66	67	68	72	68	68	70	55	50	58	59	52	56	53	53	63	59	43	48	54	61	65	66	70	67	66	64
ALTON OAM 26	MAX	84	83	87	91	92	91	92	94	93	93	79	85	91	87	74	79	79	84	86	80	76	80	86	89	91	91	91	97	91	94
	MIN	61	68	64	68	70	71	74	74	76	66	67	59	64	71	60	59	62	61	67	60	52	55	61	68	70	71	72	75	72	75
ANNA 1 E	MAX	85	87	88	87	91	93	94	96	97	95	88	87	94	91	82	75	84	84	87	84	78	80	86	86	90	90	92	91	92	92
	MIN	60	64	62	63	65	68	70	70	70	75	64	62	64	66	63	60	59	56	59	64	51	51	58	65	63	67	65	68	64	68
ANTIOCH	MAX	83	88	90	90	86	91	90	92	88	86	77	72	81	75	79	81	86	87	88	79	81	77	84	90	92	94	93	83	87	94
	MIN	53	62	63	63	62	61	60	62	63	69	45	45	51	55	48	50	54	56	56	51	58	43	47	51	54	66	66	61	61	60
AURORA COLLEGE	MAX	86	87	89	88	82	89	95	91	91	88	69	72	81	72	76	80	82	85	81	71	68	80	85	89	90	92	91	84	89	95
	MIN	55	64	62	64	66	63	65	64	65	68	52	46	52	57	50	52	51	54	60	53	44	48	51	53	59	63	67	67	63	64
BARRINGTON 1 NW	MAX	85	88	89	89	86	92	92	92	90	91	90	73	74	74	76	78	80	86	85	72	67	75	85	90	91	91	93	90	86	94
	MIN	51	65	60	60	64	66	66	68	64	73	47	45	50	53	45	51	49	50	61	51	38	37	48	48	55	62	60	62	60	59
BELLEVILLE SCOTT AF BSE	MAX	84	85	85	87	90	92	94	94	95	95	80	83	93	86	71	77	79	82	83	78	74	79	85	88	88	88	90	92	92	92
	MIN	58	64	63	64	65	66	69	71	70	66	63	59	63	66	61	61	59	59	60	58	46	51	56	63	68	68	68	72	68	72
BLOOMINGTON NORMAL	MAX	87	88	91	90	89	91	95	94	94	93	79	74	88	87	81	82	83	86	86	84	74	82	87	91	92	93	95	92	94	95
	MIN	59	70	63	66	66	68	73	69	70	76	60	51	62	64	52	58	53	57	65	64	43	45	54	62	67	69	70	67	67	67
BROOKPORT OAM 52	MAX	86	86	88	88	89	94	96	97	96	97	92	85	94	91	80	72	82	84	88	82	78	81	86	87	90	90	88	90	92	94
	MIN	63	58	60	62	65	64	65	68	70	73	65	61	64	67	65	61	60	56	60	61	55	55	56	51	64	65	64	66	67	67
CAIRO W8 CITY	MAX	86	86	88	90	92	94	97	99	100	99	87	87	99	94	77	73	84	86	86	76	79	83	87	87	90	90	88	92	92	93
	MIN	70	66	67	68	68	72	74	75	75	69	69	69	71	71	65	63	64	65	68	69	58	45	51	53	60	65	71	70	70	75
CARBONDALE SEWAGE PLANT	MAX	86	87	89	89	92	94	96	98	98	96	93	84	94	91	85	76	82	84	87	83	78	79	86	87	90	90	92	93	90	91
	MIN	57	58	58	61	64	68	65	69	68	76	64	60	64	66	63	59	56	59	68	49	50	56	64	67	67	67	67	66	71	67
CARLINVILLE	MAX	85	86	88	91	92	93	95	97	95	92	78	82	91	86	84	82	80	86	87	82	78	82	89	92	92	92	93	95	96	97
	MIN	53	64	64	63	65	65	71	69	70	64	64	54	61	61	56	58	55	55	59	64	44	46	52	59	64	64	64	70	65	67
CARLYLE	MAX				90	93	93	95	96	98	98	79	83	96	90	83	80	83	86												
	MIN				59	63	65	65	71	71	66	63	56	61	65	59	59	57	59												
CHARLESTON	MAX	79	86	88	92	84	92	93	95	96	91	77	76	88	85	79	79	81	86	87	83	75	80	86	90	92	94	95	94	95	97
	MIN	53	61	65	66	64	65	73	68	75	64	64	54	56	62	54	60	57	61	62	66	45	47	57	63	66	67	69	69	66	70
CHENOA	MAX	88	89	90	90	83	92	97	96	96	94	72	73	87	85	76	82	84	87	88	73	75	84	90	94	93	93	95	90	94	97
	MIN	51	62	59	65	66	65	71	66	67	60	48	52	60	48	54	49	51	60	55	39	40	46	50	60	65	64	68	63	66	
CHICAGO O HARE AIRPORT	MAX	85	87	88	87	87	90	91	89	90	87	65	71	80	67	74	75	82	85	82	63	64	77	84	88	90	92	92	80	81	92
	MIN	55	63	60	61	66	68	67	63	65	65	49	46	48	50	46	51	48	53	62	46	41	36	44	48	53	62	66	64	62	62
CHICAGO UNIVERSITY	MAX	85	91	86	79	89	92	81	93	94	90	68	66	82	67	71	70	78	82	83	67	61	72	80	85	88	96	95	77	77	89
	MIN	59	67	69	61	63	68	67	63	63	68	52	51	54	56	54	56	56	59	64	51	47	46	55	58	61	69	73	66	65	68
CHICAGO W8 AIRPORT	MAX	88	91	90	86	89	94	89	95	96	91	69	72	82	68	74	74	85	87	85	67	64	77	83	89	94	95	96	81	84	97
	MIN	60	68	68	69	68	69	70	66	66	69	53	51	56	57	54	58	57	62	66	53	50	46	56	62	66	70	74	68	67	70
CHICAGO W8 CITY	MAX	81	89	84	80	86	92	84	92	97	91	67	66	79	70	69	70	75	78	83	68	60	68	78	83	84	94	93	77	79	84
	MIN	64	71	72	64	70	71	71	71	64	67	53	53	58	56	58	58	61	68	65	52	51	56	61	66	68	74	73	70	67	70
CHOBEN 2 S	MAX	85	87	86	85	90	91	93	95	96	94	91	85	93	90	82	75	82	85	85	82	78	82	88	88	88	89	90	88	91	87
	MIN	60	64	57	58	60	63	64	68	67	75	62	58	63	65	62	58	58	57	54	57	65	50	53	58	64	64	64	63	62	67
CLARKSVILLE	MAX	89	89	92	101	88	93	95	94	95	92	73	73	83	81	75	82	82	88	85	83	75	83	88	92	93	94	96	91	92	94
	MIN	49	60	56	61	61	62	67	64	71	64	62	49	51	56	50	56	49	52	55	61	48	41	46	50	54	54	60	64	62	67
CLINTON	MAX	88	90	90	92	88	91	94	94	95	96	90	82	89	84	74	83	81	86	85	76	76	82	86	91	93	92	93	95	95	95
	MIN	60	65	60	61	64	65	71	68	73	63	60	53	59	59	55	58	52	56	60	63	45	49	58	60	65	66	71	69	67	67
COBORN 2 S	MAX	87	87	88	89	90	92	94	97	96	94	89	84	94	89	84	77	81	85	85	82	76	80	86	88	90	91	92	90	90	90
	MIN	61	60	59	60	64	65	66	70	69	72	63	61	65	65	60	60	57	61	59	67	49	54	58	64	63	66	69	67	64	71
COFFINGHAM	MAX	89	90	89	91	89	94	96	97	97	93	79	79	89	87	80	81	82	88	89	85	76	83	89	93	93	95	95	94	97	94
	MIN	59	62	61	65	64	64	70	69	72	64	64	55	59	64	56	59	59	59	60	66	46	51	56	59	59	65	68	68	65	71
ELIZABETHTOWN	MAX	86	86	87	88	89	93	94	95	95	96	90	82	92	90	86	73	81	82	87	81	75	78	84	85	88	88	89	90	91	91
	MIN	58	58	58	64	60	64	66	66	67	71	63	57	62	61	61	59	57	54	58	67	51	53	59	64	62	62	61	65	63	66
FAIRFIELD RADIO WFIW	MAX	86	88	87	89	91																									

DAILY TEMPERATURES

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAVANA	MAX MIN	88 54	87 64	90 66	93 63	89 64	93 66	96 72	97 69	95 72	95 63	82 55	78 58	93 64	91 57	81 57	88 55	85 53	88 54	88 70	75 63	78 45	85 44	88 52	95 57	95 65	95 64	96 64	98 69	99 66	100 67	90.0 61.6
HILLSBORO	MAX MIN	84 56	87 64	88 61	89 63	92 67	91 66	94 71	95 69	95 72	92 68	86 56	87 56	89 61	87 62	89 58	80 59	80 58	86 58	85 56	79 63	75 46	79 50	86 53	89 59	90 63	91 65	92 67	95 68	95 67	94 71	87.7 62.0
MOOPESTON	MAX MIN	88 52	89 64	91 60	91 64	92 64	94 64	95 73	94 66	98 68	90 65	72 59	72 46	78 65	78 59	73 46	82 55	82 50	82 54	87 61	81 56	76 43	81 43	87 56	90 56	93 60	94 68	95 67	89 67	90 62	94 67	86.2 58.7
JACKSONVILLE	MAX MIN	84 54	81 66	87 64	92 64	91 66	90 69	94 71	95 71	94 64	91 72	78 61	79 55	91 60	89 62	86 57	83 58	84 53	87 56	86 63	75 46	75 45	81 47	88 50	91 59	93 65	92 64	93 63	96 69	97 64	98 67	88.0 61.3
JERSEYVILLE	MAX MIN	86 55	86 66	87 67	90 62	92 66	93 68	94 71	95 70	95 72	95 67	80 62	80 56	92 65	88 61	86 59	78 58	80 55	84 55	85 62	83 62	77 47	80 47	85 52	89 60	90 68	91 65	92 65	95 69	95 65	96 68	87.9 62.1
JOLIET	MAX MIN	88 55	90 65	91 60	90 64	85 62	91 65	96 72	95 65	95 65	94 66	74 50	73 50	82 52	80 59	75 51	80 51	84 50	86 55	85 64	70 45	70 45	79 40	85 50	91 55	93 65	92 65	95 65	92 68	91 68	95 67	86.1 59.0
KANKAKEE 3 SW	MAX MIN	88 52	90 64	91 60	90 65	87 64	93 65	96 70	95 66	96 65	95 66	72 55	73 48	79 51	81 57	76 48	81 48	83 53	86 53	87 56	69 41	70 40	80 39	86 50	93 54	93 67	93 66	96 65	94 68	92 65	95 66	86.6 57.4
KEWANEE	MAX MIN	87 56	88 65	90 65	92 69	82 67	91 65	97 72	97 68	91 79	89 67	82 59	73 51	87 56	81 58	75 54	83 59	85 50	89 60	85 62	81 57	73 45	82 46	87 53	92 58	93 64	95 67	96 71	94 67	94 65	96 68	87.6 61.5
LA HARPE	MAX MIN	84 54	85 66	88 67	91 64	86 62	92 67	96 78	98 90	95 84	96 74	90 52	87 60	94 61	89 58	79 48	83 48	84 53	86 53	88 65	75 45	75 45	83 47	89 57	89 62	93 64	94 66	96 67	97 68	98 65	100 69	88.7 62.2
LA SALLE PERU	MAX MIN	88 56	90 66	92 62	88 66	88 66	94 64	98 70	97 66	97 66	94 76	78 58	73 50	88 56	84 51	77 48	83 54	85 49	89 60	90 56	75 43	71 43	81 44	87 54	91 59	95 65	95 65	97 65	97 66	93 65	96 67	88.1 59.8
LINCOLN	MAX MIN	87 53	90 63	91 62	88 62	93 76	93 76	96 71	97 67	96 72	91 65	78 56	78 50	83 55	86 55	78 53	85 56	84 50	90 54	88 57	77 42	72 42	84 44	90 54	94 65	95 64	95 65	98 65	97 67	99 65	100 59	89.1 58.1
MAKANOA 1 NW	MAX MIN	85 63	85 63	86 62	87 65	90 66	92 70	93 75	95 75	97 84	95 76	93 61	84 61	93 66	89 66	83 60	81 59	84 56	86 63	82 66	78 51	78 51	79 52	85 66	86 70	90 68	89 67	89 65	89 65	89 65	89 66	87.5 64.5
MARENGO	MAX MIN	84 54	92 63	91 60	88 59	85 63	91 61	96 64	91 64	90 64	89 69	78 64	70 45	80 47	79 55	74 45	78 54	84 49	87 59	84 51	78 48	69 38	80 36	88 43	91 58	94 62	96 61	95 68	96 61	91 68	98 68	85.1 55.7
MARSHALL 1 E	MAX MIN	87 52	87 57	88 58	90 60	84 63	90 63	93 68	93 65	95 72	94 76	84 51	75 48	86 53	82 63	79 51	80 60	79 56	84 56	85 62	75 46	75 46	81 45	86 54	90 59	91 67	91 67	93 68	91 63	92 68	91 67	86.4 58.5
MASON CITY 1 E	MAX MIN	87 52	87 64	89 67	92 64	89 65	92 63	95 71	97 67	95 74	91 64	76 60	87 54	90 57	87 59	82 54	83 57	83 52	85 55	85 59	75 61	77 42	82 42	87 49	91 53	92 62	91 62	93 64	93 68	91 61	95 65	87.1 59.1
MATTOON	MAX MIN	84 58	88 63	88 62	90 65	83 62	90 65	92 62	95 65	95 72	90 64	75 54	74 48	87 57	83 54	70 49	80 49	80 52	84 54	86 50	75 45	76 45	80 44	86 53	91 55	91 62	92 63	94 64	93 68	94 65	92 67	85.1 57.5
MC LEANSBORO	MAX MIN	89 60	90 59	91 62	92 64	94 65	97 63	97 67	100 71	99 68	98 76	91 63	85 56	95 63	92 66	85 59	77 59	82 58	87 66	89 59	76 67	76 67	80 50	87 56	89 64	90 65	91 66	92 68	91 65	95 68	93 67	89.5 63.5
MINONK	MAX MIN	90 53	92 62	92 59	90 62	86 65	95 65	98 65	98 64	98 64	94 63	74 58	74 48	89 48	84 54	76 49	84 49	87 52	90 54	90 56	76 40	76 40	80 44	86 53	93 55	96 62	96 63	98 64	91 65	95 63	99 67	87.5 57.5
MOLINE W8 AIRPORT	MAX MIN	85 56	87 65	86 64	92 63	90 62	92 72	98 69	98 72	88 68	71 53	74 52	74 48	92 55	81 57	76 51	82 54	84 50	87 52	87 53	73 45	73 45	82 45	87 49	91 53	93 65	94 66	95 67	94 64	94 64	97 68	87.5 59.5
MONMOUTH	MAX MIN	85 54	83 65	87 65	90 65	87 66	91 66	95 71	95 68	93 72	90 74	81 50	76 48	91 56	88 58	78 53	82 55	83 50	86 51	85 63	72 41	72 41	81 42	86 51	90 55	92 62	93 67	95 67	95 65	95 66	96 66	87.5 60.5
MORRIS 5 N	MAX MIN	88 53	90 62	90 60	89 62	84 65	91 69	95 62	95 65	96 65	91 69	70 54	73 48	83 52	75 57	76 50	81 52	83 54	88 52	86 57	72 40	70 40	80 35	87 49	91 52	93 56	93 61	95 65	90 65	91 63	96 63	86.5 56.5
MORRISON	MAX MIN	84 49	89 51	88 60	92 62	92 63	92 65	98 67	97 65	95 65	91 73	81 55	68 49	84 53	86 57	77 49	86 54	82 51	87 61	82 41	72 41	72 41	80 50	86 53	92 53	92 63	93 64	93 61	93 61	91 60	96 63	87.5 57.5
MORRISONVILLE 4 SE	MAX MIN	85 56	86 64	87 64	89 65	90 65	90 67	93 71	93 67	95 71	88 64	76 55	78 48	88 60	86 52	82 45	81 58	80 56	86 64	86 46	75 46	75 46	82 45	87 54	91 57	92 64	92 65	93 67	95 69	95 63	96 69	87.5 61.5
MOUNT CARMEL	MAX MIN	83 57	87 58	89 61	89 67	90 64	85 64	93 65	95 70	97 68	98 72	80 57	80 57	83 60	89 64	88 58	76 60	89 64	80 57	83 57	86 49	83 49	75 49	80 56	85 64	89 63	91 66	92 66	93 61	91 66	92 66	87.5 61.5
MOUNT CARROLL	MAX MIN	83 51	87 67	86 63	90 62	84 64	90 64	95 68	92 65	90 65	87 75	77 53	80 48	84 54	83 57	75 49	78 54	79 51	83 52	84 64	83 42	71 42	78 43	85 52	87 55	90 57	90 67	91 69	89 61	90 62	93 64	88.5 58.5
MOUNT VERNON	MAX MIN	88 60	87 60	89 60	85 64	91 62	94 64	95 71	98 70	97 70	94 78	90 64	83 58	92 66	90 66	85 59	77 59	81 57	85 58	86 67	76 47	76 47	81 49	87 52	90 56	94 64	93 65	95 67	92 68	93 67	92 65	88.5 62.5
NASHVILLE 3 NW	MAX MIN	85 60	86 62	88 59	89 61	91 65	92 65	95 68	98 71	97 70	95 76	83 63	93 58	93 58	88 58	67 58	78 59	81 58	83 58	82 66	81 47	81 47	81 50	87 53	90 64	90 63	91 66	93 67	95 68	95 67	92 65	88.5 62.5
NEW BURNSIOE	MAX MIN	85 61	85 59	87 58	87 62	89 66	92 67	93 68	94 69	94 69	94 74	82 64	84 58	92 62	90 63	89 62	74 60	87 55	84 53	87 60	78 45	78 45	81 47	86 55	89 65	89 62	89 64	88 65	90 67	90 65	90 67	87.5 62.5
NEWTON	MAX MIN	87 57	89 60	88 61	90 62	89 63	92 66	95 69	96 68	97 70	93 74	79 63	78 55	88 58	87 63	84 55	81 58	83 58	87 55	87 63	85 48	78 48	82 48	89 56	92 60	93 66	95 66	95 67	88 65	91 66	96 68	88.5 61.5
OLNEY	MAX MIN	88 55	88 59	88 63	89 65	89 63	91 66	93 67	95 72	97 68	90 68	79 62	78 54	88 58	85 61	76 54	79 58	80 58	83 56	86 46	75 46	75 46	85 49	88 57	90 60	91 66	91 68	92 65	92 68	91 69	91 67	86.5 59.5
OTTAWA	MAX MIN	87 54	89 66	91 62	86 67	82 67	93 65	97 69	97 67	95 67	89 76	75 58	73 52	87 56	77 58	77 52	83 55	85 55	88 56	83 63	72 43	73 43	83 43	88 53	93 55	93 60	94 65	95 67	90 66	94 66	97 68	86.7 60.7
PALESTINE	MAX MIN	89 57	90 60	88 61	91 65	78 63	94 6																									



# DAILY TEMPERATURES

ILLINOIS  
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Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PRINCETONVILLE 1 N	MAX	86	88	89	90	92	90	94	95	93	90	80	74	80	84	74	81	82	86	84	75	73	81	85	90	91	92	93	90	94	95	86.4
	MIN	55	65	59	65	65	65	72	78	69	74	57	50	51	56	50	55	50	78	60	58	42	47	60	50	65	67	66	66	60	64	60.6
QUINCY	MAX	86	83	90	92	91	95	98	100	96	90	83	83	95	90	82	87	85	88	87	81	73	82	88	91	94	95	97	102	99	100	90.1
	MIN	60	70	68	67	70	73	74	76	77	78	61	56	64	66	62	67	56	62	68	64	53	53	62	68	70	70	72	72	65	72	66.6
QUINCY FAA AIRPORT	MAX	84	82	89	91	90	93	96	96	93	89	81	82	95	87	68	84	81	84	85	76	74	81	89	93	90	95	93	97	98	98	87.8
	MIN	58	68	65	64	68	72	71	75	74	69	61	56	64	66	61	59	57	59	65	60	51	50	58	64	68	68	69	68	64	70	64.1
ROBERTS 3 N	MAX	88	90	92	91	84	91	94	95	95	91	70	70	85	85	74	82	82	88	84	75	75	85	89	92	95	94	96	92	94	96	87.1
	MIN	49	63	59	63	64	65	70	65	67	69	58	47	50	58	48	53	50	53	58	55	40	39	47	57	55	64	66	67	61	66	57.5
ROCHELLE 1 W	MAX	80	85	88	88	90	87	92	96	95	94	86	64	72	83	70	77	80	82	86	78	68	70	73	85	89	92	93	93	85	90	83.7
	MIN	52	64	62	62	65	64	74	64	57	64	51	45	54	53	49	52	54	56	62	56	46	41	53	51	64	68	65	61	59	64	57.1
ROCKFORD WB AIRPORT	MAX	85	86	89	87	84	92	95	91	91	85	62	71	81	68	77	76	81	85	80	68	69	78	85	89	90	93	92	84	89	94	83.2
	MIN	55	65	63	64	65	66	67	67	66	62	50	48	56	55	51	57	55	56	61	50	46	46	54	58	60	67	66	65	63	65	59.0
SPRINGFIELD	MAX	89	87	89	94	91	94	97	98	99	93	91	87	94	93	85	83	85	87	85	76	78	80	90	94	93	93	94	96	98	97	90.3
	MIN	62	63	65	64	62	61	70	68	72	67	60	54	62	56	52	52	54	56	62	56	46	48	56	62	61	62	62	68	68	70	60.7
SPRINGFIELD FAA AIRPORT	MAX	87	88	89	89	92	93	95	97	97	94	80	82	91	88	85	79	82	86	87	84	77	82	88	92	93	94	94	93	95	95	88.9
	MIN	57	59	58	60	64	62	66	69	69	78	64	58	62	63	58	60	59	58	57	67	47	50	56	62	63	65	66	68	64	71	62.0
SPRINGFIELD 2 N	MAX	86	86	87	89	90	92	95	97	95	94	85	85	93	91	87	77	82	84	85	84	78	82	87	89	90	91	94	96	95	94	88.7
	MIN	50	65	63	64	65	69	70	73	73	77	62	60	65	65	62	59	59	58	60	67	47	51	58	65	65	69	69	70	66	72	64.3
SPRINGFIELD WB AIRPORT	MAX	89	89	91	92	90	95	97	99	99	92	77	76	91	88	69	83	81	86	87	76	76	83	88	92	92	92	94	95	96	97	88.4
	MIN	59	66	67	64	67	67	72	71	74	63	60	56	60	61	57	59	54	58	61	56	46	41	53	51	64	68	65	68	68	67	62.1
STOCKTON	MAX	84	88	87	89	87	91	96	93	88	82	72	72	84	78	78	80	81	82	83	70	73	77	86	90	91	93	92	90	94	97	84.9
	MIN	54	64	66	66	65	65	65	64	63	71	50	47	58	55	52	55	55	62	62	43	42	44	56	56	59	68	69	61	64	65	58.9
TAMMAMORE	MAX	86	89	88	87	82	91	94	92	91	87	70	72	82	75	78	78	83	87	79	76	70	80	87	90	92	93	93	84	90	96	84.7
	MIN	51	64	61	64	64	63	61	64	64	69	45	45	53	55	49	52	53	54	60	53	42	40	50	56	59	68	65	64	60	63	57.0
TAMMAMORE	MAX	89	91	92	93	90	92	95	95	94	91	85	75	87	85	83	83	83	87	86	85	74	75	87	91	94	95	97	94	96	88.4	
	MIN	55	63	60	62	63	64	69	67	68	69	63	52	56	61	52	59	55	58	57	42	44	45	41	54	62	64	65	67	63	58.6	
URBANA	MAX	89	90	91	91	83	93	96	95	96	86	74	74	85	82	72	81	81	87	86	73	74	81	86	90	92	93	95	93	93	93	86.5
	MIN	57	65	64	67	65	66	69	67	71	63	57	52	57	56	53	59	55	59	62	51	47	47	55	59	65	66	68	68	67	70	60.9
URBANA FAA AIRPORT	MAX	86	89	88	89	90	92	94	98	98	93	77	80	90	87	69	78	82	85	87	80	77	80	86	91	92	93	95	92	97	93	87.6
	MIN	56	62	58	60	64	64	68	68	71	64	60	55	60	64	57	59	59	57	56	55	45	46	48	57	60	64	65	68	63	70	60.1
URBANA	MAX	89	85	87	90	92	93	95	97	96	91	79	78	89	83	83	81	80	85	87	84	75	81	88	91	91	92	94	95	97	96	88.1
	MIN	62	55	67	64	66	67	71	69	72	62	62	56	61	56	56	57	56	57	62	64	46	45	53	60	67	67	68	70	65	69	61.7
URBANA	MAX	85	88	89	81	81	90	95	93	94	78	70		87	85	77	81	83	86	85	79	73	81	87	90	91	93	94	92	92	95	86.0
	MIN	55	68	69	65	66	67	67	66	70	56	47		56	54	50	56	53	55	62	55	40	45	56	58	59	70	67	62	65	67	59.5
WATERLOO	MAX	84	87	87	87	90	92	94	95	95	94	94		87	93	93	75	79	81	85	85	78	81	87	88	90	90	90	90	93	93	88.4
	MIN	60	67	66	65	67	68	72	79	73	72	73	63	61	64	60	59	62	61	64	66	51	55	58	65	68	69	70	71	68	73	65.7
WATERLOO	MAX	84	90	90	90	82	91	95	93	96	92	78	71	78	79	73	81	82	87	87	74	72	81	84	90	92	94	95	94	90	95	86.0
	MIN	47	64	59	62	61	63	68	64	66	65	58	47	53	59	46	52	47	52	57	54	42	35	47	46	56	63	61	67	61	67	56.3
WATERLOO	MAX	77	85	85	81	88	92	87	91	90	89	78	70	81	78	70	72	82	82	81	78	62	68	79	80	86	94	93	84	76	86	81.5
	MIN	52	64	63	62	60	67	62	62	63	67	46	46	49	55	49	56	52	55	64	52	40	41	49	52	55	66	66	61	61	62	56.6
WATERLOO	MAX	86	88	90	89	84	91	94	90	93	90	80	72	79	78	75	79	83	86	83	75	68	78	85	90	93	94	94	90	89	96	85.4
	MIN	55	65	62	63	66	65	69	64	63	70	50	46	51	57	49	47	51	56	62	52	61	40	52	55	59	65	68	65	62	63	60.4
WATERLOO	MAX	85	82	85	89	91	91	93	95	95	92	77	77	88	86	83	80	79	83	83	77	74	79	88	89	88	88	88	93	92	94	86.1
	MIN	55	64	63	62	64	67	69	70	70	63	57	57	62	65	59	59	53	57	64	63	51	49	54	56	65	64	64	68	66	63	61.9
WATERLOO	MAX	87	88	88	90	87	91	93	95	94	91	77	77	88	84	71	80		86	84	75		81	87	91	93	94	95	95	96	95	87.6
	MIN	55	61	60	63	62	62	70	66	70	63	62	52	56	62	52	57		52	57	63	42	41	49	54	62	65	66	68	63	69	59.4

# EVAPORATION AND WIND

Station	Day of month																															Total or Avg.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SPRINGFIELD WB AIRPORT	EVAP	.28	.38	.39	.32	.23	.28	.37	.39	.55	.68	.29	.22	.25	.39	.18	.22	.17	.49	.31	.26	.35	.44	.36	.43	.37	.38	.35	.39	.37	.30	10.39
	WIND	.75	1.05	.62	.49	.78	.92	.70	.87	1.07	1.17	1.11	.49	.65	.95	.71	.56	.46	.41	.80	1.00	.89	.80	.63	.56	.44	.44	.44	.68	.53	.47	21.44





# DAILY TEMPERATURES

ILLINOIS  
DELAYED DATA

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
JANUARY 1963																																	
CHICAGO UNIVERSITY	MAX	28	31	33	35	35	31	35	43	42	37	31	27	14	11	2	18	30	32	21	8	10	21	-3	6	13	18	9	11	19	13	16	21.8
	MIN	18	25	27	29	29	25	25	33	36	31	24	-2	-5	-6	-8	-4	6	13	8	-6	-13	-3	-16	-11	-3	4	-6	-9	4	2	-1	7.9
EAST ST LOUIS PARKS CO	MAX	49	29	25	30	36	39	55	67	46	40	28	22	20	35	47	45	40	43	30	21	18	12	23	20	14	10	12	9	12	14	29.7	
	MIN	22	17	20	28	28	38	34	33	20	8	0	-2	0	0	30	12	13	18	7	3	0	-8	-6	-7	-11	-7	-4	-4	-3	-1	9.6	
MASON CITY	MAX	39	35	34	33	32	30	36	49	54	40	32	28	17	19	11	27	36	36	15	8	11	23	11	20	12	7	14	23	14	17	25.4	
	MIN	23	30	26	29	28	25	25	26	31	25	0	-2	4	-3	-1	12	16	2	-10	-11	0	-12	-4	-4	-10	-19	3	2	-1	7.6		
FEBRUARY 1963																																	
CHICAGO UNIVERSITY	MAX	36	36	15	39	38	47	33	24	25	27	26	24	24	20	20	28	41	49	38	30	3	21	23	27	23	19	26	31	28.3			
	MIN	14	3	-2	15	28	33	24	13	15	23	11	9	10	4	3	11	28	33	29	-1	-5	-4	9	12	8	4	3	20	12.5			
GOLOEN 1 NW	MAX	33	36	21	54	54	51	43	33	30	33	25	26	26	24	22	43	50	53	56	45	20	25	30	30	29	29	33	40	35.5			
	MIN	12	17	-4	21	24	34	32	24	20	20	5	1	7	4	-7	14	29	26	26	20	-5	-6	11	0	20	-13	1	19	12.6			
APRIL 1963																																	
OANVILLE	MAX	81	80	76	64	60	69	69	75	72	49	58	64	61	64	70	70	83	80	75	70	71	67	66	55	64	69	72	77	75	74	69.3	
	MIN	53	58	61	34	27	30	37	51	40	27	34	30	43	29	31	51	62	48	57	44	47	42	38	30	38	35	43	50	60	39	42.3	
STOCKTON	MAX	71	77	70	53	60	70	62	54	54	51	60	54	60	67	73	77	74	70	68	68	61	57	44	59	60	70	71	69	74	65	64.1	
	MIN	51	56	39	26	32	37	36	38	30	25	34	33	38	35	38	49	55	36	47	36	35	33	32	32	42	41	48	54	55	35	39.3	
MAY 1963																																	
CHICAGO UNIVERSITY	MAX	54	70	76	74	49	63	80	89	89	71	51	59	80	72	56	57	63	72	67	67	59	52	57	65	71	73	61	69	67	71	80	67.2
	MIN	35	43	55	44	41	42	52	65	54	40	41	46	47	49	45	44	49	52	50	45	45	41	39	43	52	55	50	52	48	48	54	47.3
OANVILLE	MAX	60	69	77	80	72	72	79	88	89	89	65	65	82	83	79	73	71	76	76	69	68	60	65	70	77	79	75	77	77	78	81	74.9
	MIN	29	34	46	55	49	43	45	63	61	55	44	46	53	47	46	53	59	46	45	45	48	37	33	36	40	49	62	57	56	47	45	47.5

See reference notes following Station Index.

# STATION INDEX

ILLINOIS  
1965

STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER
							TEMP.	PRECIP.	SPECIAL									TEMP.	PRECIP.	SPECIAL	
ALBION	0055 EDWARDS		7 58 23	88 05	590 6P	6P				BESSIE ELLEN	4879 CARROLL		4 42 06	89 50	825					MATT L. LAW	
ALLEGON	0072 MERCER		4 41 15	90 45	720 6P	6P				FLOYD R. UTINGER	4922 LA SALLE		1 41 20	89 08	516	7P	4P			WESTLON GENE TIME CORP	
ALDIS WATERWORKS	0082 MERCER		4 41 15	90 45	720 6P	6P				ALDIS WATERWORKS	4922 LA SALLE		1 41 20	89 08	516	7P	4P			ILL DIV OF WATERWAYS	
ALTON DAM 24	0137 MADISON		4 58 55	90 11	432 MID	7A				U S CORPS OF ENGINEERS	4959 LAWRENCE		1 38 43	87 44	446					BILLY L. ROGERS	
ANNA 1 E	0187 UNION		5 57 26	89 18	645 6P	6P				J. DON MARTINE	5079 LOGAN		1 40 09	89 22	591	7P	7A			LEONARD E. JUMH	
ANNA 2 E	0205 ILLINOIS		5 57 26	89 18	645 6P	6P				ANNA 2 E	0205 ILLINOIS		5 57 26	89 18	645 6P	6P					EDWARD S. MILITARY DIST
ARLINGTON HEIGHTS 4	SSD247 COOK		4 12 02	87 58	680 6P	6P				GEORGE A. MONEMANN	5216 CLAY		7 38 50	88 10	480					ROGER HAYES	
AUGUSTA 2	0550 MACON		1 40 14	90 59	650 7P	7A				WALTER M. ROWLAND, SR.	5272 JACKSON		1 40 32	89 22	670					CARLIE H. KULL	
AURORA COLLEGE	0358 RANKIN		4 41 35	90 20	746 7P	7A				AURORA COL. PHYSICS DEPT	5280 MCDONOUGH		4 40 28	90 40	702					EDWARD LEWIS KCHOUZ	
AUGUS 5 NE	0356 FULTON		1 40 44	90 52	650 7A	7A				JAMES R. MITCHELL	5294 JACKSON		4 37 38	89 14	680 6P	6P				HARVEY B. HARTLINE	
BARRINGTON 1 NW	D442 LAKE		1 42 10	88 09	810 6P	6P				CHICAGO AERIAL LIO 23	5326 MCHEENY		6 42 15	88 36	825 6P	6P				HAROLD HYDE	
BARRY	D445 PIKE		4 59 41	91 09	640 7A	7A				GEORGE E. GROIER	5334 FULTON		1 40 30	90 24	546					ROSEMARY ACE MCCANCE	
BEARDSTOWN	0492 CASS		1 40 01	90 26	445 8A	8A				THOMAS E. PHELPS	5342 WILLIAMSON		4 37 44	88 55	448					DREL W. TURNER	
BELLEVILLE SCOTT AV	BSD510 ST CLAIR		2 38 52	89 51	447 MID	MID				U S AIR FORCE	5364 MACON		1 40 02	88 58	720					LLOYD J. SIMPSON	
BELEVIERE SEWAGE PLANT	D983 BOONE		6 42 16	88 52	755 6A	6A				CITY OF BELEVIERE	5382 CLARK		1 41 20	88 45	486 7A					U S CORPS OF ENGINEERS	
BENTLEY 1 NW	0598 HANCOCK		1 40 22	91 08	635 6A	6A				GEORGE E. GROIER	5382 CLARK		1 41 20	88 45	486 7A					ERNEST THOMAS KCHOUZ	
BENTON FOREST SERVICE	D108 FRANKLIN		4 58 02	88 55	445 8A	8A				MARION 2 W	5364 MACON		1 40 02	88 58	720					ROSEMARY ACE MCCANCE	
BLOOMINGTON WATERWORKS	D761 MCLEAN		1 40 30	89 01	775 7A	7A				MARCELLES LOCK	5382 CLARK		1 41 20	88 45	486 7A					U S CORPS OF ENGINEERS	
BLOOMINGTON NORMAL	0396 MCLEAN		4 40 30	89 00	558 6P	6P				MARION 2 W	5364 MACON		1 40 02	88 58	720					LLOYD J. SIMPSON	
BLUFFS	D781 SCOTT		1 59 45	90 32	467 6P	6P				MASON CITY	5413 MADON		1 40 13	89 41	525 6P	6P					HARRY MOUNT
BROOKPORT DAM 52	0993 MASSAC		5 57 08	88 59	550 6P	6A				MATTOON	5430 COLES		7 39 28	88 21	718 MID	MID					GENE FRANCIS
CAIRD NW CITY	1166 ALEXANDER		4 57 00	89 10	514 MID	MID				MCCLEANSBORO	5515 HAMILTON		5 38 05	88 32	458 6P	6P					F. G. FRAZIER
CANTON	1215 FULTON		4 57 00	89 10	514 MID	MID				U S CORPS OF ENGINEERS	5515 HAMILTON		5 38 05	88 32	458 6P	6P					W. F. OGDGE
CARBONDALE SEWAGE PLANT	1265 JACKSON		4 37 44	89 12	380 7A	7A				U S WEATHER BUREAU	5712 WOODFORD		1 40 54	89 02	755 7P	7P					HOMER C. PARKS
CARLINSVILLE	1280 MACON		1 39 17	89 52	625 6P	6P				MINONA	5712 WOODFORD		1 40 54	89 02	755 7P	7P					U S WEATHER BUREAU
CARLYLE RESERVOIR	1290 CLINTON		2 58 58	89 20	661 7P	7A				FLOYD W. AIRPORT	5751 ROCK ISLAND		4 40 42	89 31	582 MID	MID					H. J. GIBSON
CARM 1 W	1296 WHITE		7 58 10	88 12	390 6P	6P				HUGH B. BOYO	5768 WARREN		4 40 55	89 30	770 6P	6P					PROF. LYLE FINLEY
CENTRALIA 2 NE	1386 MARSHALL		2 41 58	88 02	661 7P	7A				HACK A. CAMPBELL	5791 PIATT		1 40 02	88 34	625 5P	5P					LEE F. GIFFIN
CHANDLERVILLE	1412 CASS		1 40 05	89 09	475 6P	6P				MORRIS	5820 GRUNDY		1 41 27	88 24	580 6P	6P					PHILLIP C. COLLINS
CHANNAHON DRESDEN ISL	1420 GRUNDY		1 41 24	88 17	505 7A	7A				MORRISON	5833 WHITESIDE		6 41 49	89 58	603 5P	5P					CITY OF MORRISON
CHARLESTON	1456 COLES		7 59 29	88 11	710 8P	7A				MURKIN	5853 FERGUSON		1 41 33	89 27	638 6P	6P					WILLIAM RUTHERFORD
CHICAGO	1491 RANDOLPH		4 37 54	89 50	440 7A	7A				INACTIVE 4/25/65	5846 CHRISTIAN		1 39 23	89 24	635 7P	7P					H. E. PAUL BEATTY
CHICAGO CALLUMET TR WKS	1522 COOK		3 41 40	87 36	593 6P	6P				U S CORPS OF ENGINEERS	5893 WABASH		7 38 24	87 46	390 8A	8A					THE CARREL SEWER DEPT
CHICAGO LAKEVIEW PUMP STA	1522 COOK		3 41 40	87 36	593 6P	6P				EASTERN ILL. UNIV.	5901 CARROLL		4 42 05	87 86	817 7P	7A					JAMES F. MCCRAY
CHICAGO LYDIA UNIV	1557 COOK		3 42 00	87 40	592 6P	6P				OLIVE MACDONALD	5912 CARROLL		4 42 05	87 86	817 7P	7A					ALVA BROWN
CHICAGO MAYFAIR PUMP STA	1542 COOK		3 41 58	87 45	597 6P	6P				ROBERT W. GARRIS	5927 IGDAN		1 40 01	89 17	645 5P	5P					HOMER L. RENAKER
CHICAGO N BR PUMP STA	1542 COOK		3 41 58	87 45	597 6P	6P				CHICAGO SANITARY DIST	5935 BROWN		1 39 59	89 46	711 5P	5P					WILLIAM RUTHERFORD
CHICAGO D WARE AIRPORT	1549 COOK		1 41 59	87 54	658 MID	MID				CITY ENGINEER PURIF	5947 JEFFERSON		1 39 59	89 46	711 5P	5P					MURPHYSBORO WATER CO
CHICAGO ROSELAND PUMP	1552 COOK		3 41 42	87 58	659 6P	6P				MURPHYSBORO WATERWORKS	5983 JACKSON		4 37 46	89 19	420 6P	6P					R. E. SCHLEIFER
CHICAGO SAN DIST DISP	1557 COOK		3 41 50	87 52	612 6P	6P				CITY ENGINEER PURIF	5983 JACKSON		4 37 46	89 19	420 6P	6P					KORLEY WILLARD
CHICAGO SAN DIST OFFICE	1564 COOK		3 41 45	87 49	601 6P	6P				CITY OF NEW BOSTON DIST	6080 MERCER		4 41 11	93 03	548 8A	8A					U S CORPS OF ENGINEERS
CHGO SPRINGFIELD PHMP	1567 COOK		3 41 55	87 44	630 6P	6P				CITY ENGR WATER PURIF	6093 JOHNSON		5 37 35	88 46	560 5P	5P					MAE MCCABE
CHICAGO UNIVERSITY	1577 COOK		3 41 47	87 45	610 MID	MID				CHICAGO SANITARY DIST	6159 JASPER		7 39 00	88 10	513 6P	6P					GEORGE H. PAYNE
CHICAGO WB CITY	1582 COOK		3 41 53	87 38	594 MID	MID				CHICAGO SANITARY DIST	6159 JASPER		7 39 00	88 10	513 6P	6P					RADIO STATION WYAN
CINCIDTONE	1627 DEORIA		7 38 31	88 26	450 8A	8A				OREGON	6490 DGLE		6 42 00	89 20	690 6P	6P					CARMIATION COMPANY
CISNE	1664 WAYNE		7 38 31	88 26	450 8A	8A				CITY ENGR WATER PURIF	6526 LA SALLE		1 41 22	88 50	474 7P	7P					JDMN A. BEED
CLINTON 1 SSW	1745 DE WITT		1 40 08	88 58	746 5P	5P				CITY ENGR WATER PURIF	6526 LA SALLE		1 41 22	88 50	474 7P	7P					W. J. RADDIS
COBDEN 2 S	1775 UNION		4 37 50	89 15	540 6P	6P				CITY ENGR WATER PURIF	6579 CHRISTIAN		2 39 23	88 05	696 7P	7P					C. E. SCHUMACHER
COLTIERVILLE RESERVOIR	1805 RANDOLPH		2 38 52	87 38	601 6P	6P				U S WEATHER BUREAU	6605 EDGAR		7 39 37	87 41	750 7P	7P					CITY OF PARIS
COOKVILLE	2011 WILL		3 41 27	87 38	600 6P	6P				PARIS WATERWORKS	6616 COOK		7 39 37	87 41	750 7P	7P					PARK FOREST WATER CO
DANVILLE	2140 VERNILION		7 40 08	87 39	598 5P	5P				U S WEATHER BUREAU	6616 COOK		7 39 37	87 41	750 7P	7P					PARK FOREST WATER CO
DANVILLE SEWAGE PLANT	2140 VERNILION		7 40 08	87 39	598 5P	5P				U S WEATHER BUREAU	6616 COOK		7 39 37	87 41	750 7P	7P					PARK FOREST WATER CO
DECATUR	2193 MACON		1 39 51	88 58	670 7P	7A				U S WEATHER BUREAU	6616 COOK		7 39 37	87 41	750 7P	7P					PARK FOREST WATER CO
DIXON	2348 LEIC		4 41 50	89 29	696 7A	7A				U S WEATHER BUREAU	6616 COOK		7 39 37	87 41	750 7P	7P					PARK FOREST WATER CO
DUNGS 2 NE	2417 MERCER		4 51 29	88 51	794 6P	6P				U S WEATHER BUREAU	6616 COOK		7 39 37	87 41	750 7P	7P					PARK FOREST WATER CO
DU QUOIN 2 S	2483 PERRY		4 57 59	89 14	430 6P	6P				ILLINOIS STATE POLICE	6616 COOK		7 39 37	87 41	750 7P	7P					PARK FOREST WATER CO
EAST ST LOUIS PARKS	COL2614 ST CLAIR		4 38 34	90 11	410 7P	7A				PARIS WATERWORKS	6616 COOK		7 39 37	87 41	750 7P	7P					PARK FOREST WATER CO
EASTSTEELE	2642 DEORIA		1 40 56	89 38	800 6P	6P				PARIS WATERWORKS	6616 COOK		7 39 37	87 41	750 7P	7P					PARK FOREST WATER CO
EDWARDSVILLE	2879 MARSHALL		4 57 00	89 38	690 6P	6P				PARIS WATERWORKS	6616 COOK		7 39 37	87 41	750 7P	7P					PARK FOREST WATER CO
EFFINGHAM	2667 EFFINGHAM		7 39 07	88 53	595 6P	6P				PARIS WATERWORKS	6616 COOK		7 39 37	87 41	750 7P	7P					PARK FOREST WATER CO
ELGIN	2736 KANE		1 42 02	88 17	820 7A	7A				PARIS WATERWORKS	6616 COOK		7 39 37	87 41	750						

REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Monthly Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
  - G "Soil Temperature" Table.
  - H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
  - J "Supplemental Data" Table.
- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.  
 Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.
  - + And also on an earlier date or dates.
  - ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
  - \* Amount included in following measurement, time distribution unknown.
  - # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
  - // Gage is equipped with a windshield.
  - AR This entry in time of observation column in Station Index means after rain.
  - B Adjusted to a full month.
  - D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
  - M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
  - R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
  - SS This entry in time of observation column in Station Index means observation made near sunset.
  - T Trace, an amount too small to measure.
  - V Includes total for previous month.

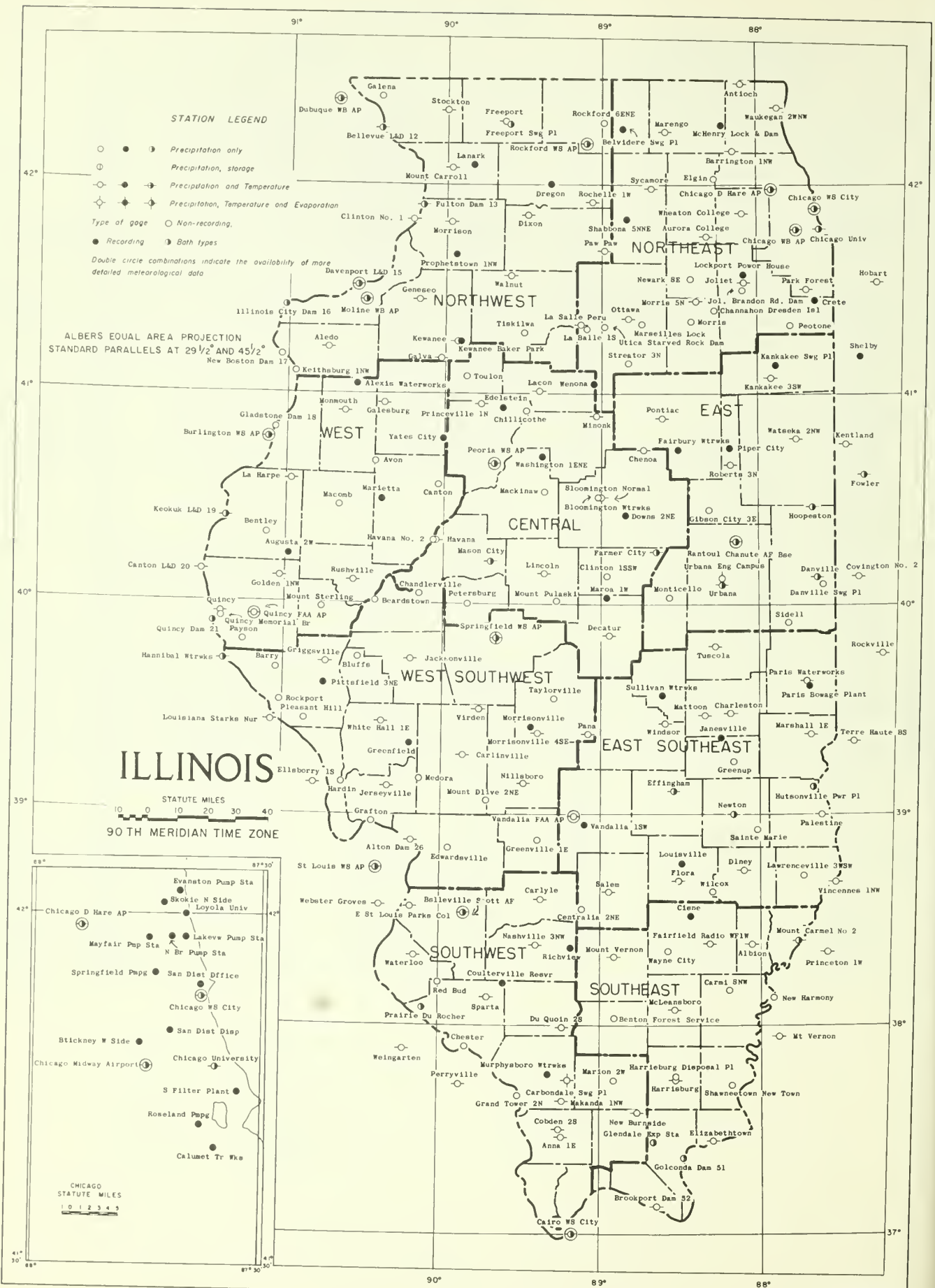
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-ASHEVILLE---8-19-63---900





**STATION LEGEND**

- ● ● Precipitation only
- ● ● Precipitation, storage
- ● ● Precipitation and Temperature
- ● ● Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording,
- Recording ● Bath types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°  
New Boston Dam 17

**ILLINOIS**  
STATUTE MILES  
0 10 20 30 40  
90 TH MERIDIAN TIME ZONE









U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS

JULY 1963  
Volume 68 No. 7



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 102° on the 1st at Minonk and Princeville 1 N

Lowest Temperature: 41° on the 4th at Marengo

Greatest Total Precipitation: 8.78 inches at Moline WB Airport

Least Total Precipitation: 1.98 inches at Harrisburg Disposal Plant

Greatest One-Day Precipitation: 4.93 inches on the 28th at Pleasant Hill

SPECIAL WEATHER SUMMARY

July is only the second month in the last nine when precipitation has been normal or above over the State (March also had above normal precipitation). Precipitation averaged about 2 inches above normal in the north and throughout the western bulge of the State. The average was only about 1 inch above normal in the central, east-central, and south.

Heavy downpours on the 18-19th measured over 5 inches in 6 hours at Moline and about 3 inches in 1 hour at both Moline and Gridley. Southern Pike County had local flooding and some crop damage on the 28th when in 6 to 8 hours nearly 5 inches of rain fell at Pleasant Hill, and about 8 inches at Nebo.

There were numerous reports of hail damage to crops during the period of July 15-21.

Temperature averaged near normal in the north and 1° to 2° below normal elsewhere.

For more complete information on severe storms, see July issue of STORM DATA.

William L. Denmark  
Weather Bureau State Climatologist  
Weather Bureau Office  
P. O. Box 143 - Station "A"  
Champaign, Illinois



# CLIMATOLOGICAL DATA

ILLINOIS  
JULY 1963

Station	Temperature										Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										90° or Above		32° or Below						Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below														
NORTHWEST																											
ALEDO	86.9	63.6	75.3	- 0.9	101	1	52	4	3	6	0	0	0	4.32	.52	1.14	13	.0	0		7	5	1				
DIXON	87.5	62.5	75.0	0.1	100	1	50	10+	0	10	0	0	0	6.01	2.57	2.59	20	.0	0		8	4	2				
FREEPORT	84.8	61.3	73.1	- 0.2	97	1	47	4	3	3	0	0	0	3.57	.45	2.22	19	.0	0		4	2	1				
FULTON OAM 13	84.9	64.2	74.6		97	1	53	10	0	2	0	0	0	8.21		4.66	19	.0	0		6	4	2				
GALVA	86.7	62.0	74.4	- 1.4	99	1	51	9+	0	8	0	0	0	5.28	1.89	3.05	19	.0	0		5	2	2				
GENESE0	85.7	64.7	75.2		97	1	52	9	0	6	0	0	0	5.43	2.22	2.66	19	.0	0		6	3	2				
KEWANEE	87.3	64.6	76.0		99	1	52	9	0	8	0	0	0	5.31		3.33	19	.0	0		3	2	2				
MOLINE WB AIRPORT	85.8	63.7	74.8	- 0.8	99	1	51	9	0	8	0	0	0	8.78	5.52	2.84	18	.0	0		8	4	3				
MORRISON	86.8	60.8	73.8	- 1.6	99	1	49	10+	0	8	0	0	0	5.31	1.87	3.15	19	.0	0		5	3	2				
MOUNT CARROLL	84.3	62.0	73.2	- 0.7	96	2+	48	10+	2	2	0	0	0	6.04	2.34	2.85	19	.0	0		7	4	2				
PAW PAW	83.9	61.0	72.5		97	2	49	4	9	5	0	0	0	4.50	1.10	1.11	14	.0	0		6	4	2				
ROCHELLE 1 W	84.1	60.9	72.5		98	1	44	10	16	4	0	0	0	4.92	1.56	1.70	20	.0	0		6	3	2				
ROCKFORD WB AIRPORT	84.5	63.0	73.8	- 0.4	98	1	50	10+	2	3	0	0	0	5.16	1.02	1.55	18	.0	0		4	4	3				
STOCKTON	85.5	62.0	73.8		99	1	51	4	0	3	0	0	0	5.38		3.05	19	.0	0		7	3	1				
WALNUT	86.1M	62.3M	74.2M	- 2.3	99	1	50	8	0	6	0	0	0	4.58	1.39	1.90	18	.0	0		6	4	2				
DIVISION			74.1	- 0.9									5.52	1.81			.0										
NORTHEAST																											
ANTI0CH	86.5	61.7	74.1		98	1	50	10+	0	5	0	0	0	4.44		2.63	19	.0	0		3	2	2				
AURORA COLLEGE	84.1	61.8	73.0	- 0.7	97	1	44	4	4	3	0	0	0	7.60	4.45	3.65	19	.0	0		7	4	2				
BARRINGTON 1 NW	85.2	60.3	72.8		97	1	43	10	12	4	0	0	0	4.03		1.77	13	.0	0		6	2	1				
CHICAGO O HARE AIRPORT	82.9	61.2	72.1		95	1	45	10	16	2	0	0	0	4.09		1.98	13	.0	0		4	2	2				
CHICAGO UNIVERSITY	82.3	64.9	73.6	- 0.6	98	1	56	10	3	4	0	0	0	6.27	3.18	1.91	16	.0	0		5	4	3				
CHICAGO WB AIRPORT	83.8	66.2	75.0	- 0.7	99	1	55	10	2	4	0	0	0	7.31	3.94	2.19	16	.0	0		5	4	4				
CHICAGO WB CITY	80.6	68.0	74.3	- 1.2	95	1	58	3	5	2	0	0	0	5.74	2.50	3.04	19	.0	0		4	2	2				
JOLIET	86.6	63.4	75.0		98	1	48	10+	3	7	0	0	0	5.44		1.88	19	.0	0		6	4	2				
MARENGO	87.6	57.9	72.8		100	1	41	4	8	10	0	0	0	4.70		3.10	19	.0	0		4	2	1				
MORRIS 5 N	85.5	60.0	72.8	- 2.2	98	1	44	10	5	6	0	0	0	3.46	.44	1.42	19	.0	0		4	2	2				
OTTAWA	86.4	64.0	75.2	- 0.9	100	1	49	10	0	8	0	0	0	4.56	.99	1.59	13	.0	0		6	4	2				
PARK FOREST	83.3	62.5	72.9		97	1	47	4	13	2	0	0	0	6.90		2.30	19	.0	0		7	5	3				
SYCAMORE	85.4	60.7	73.1	- 0.6	98	1	46	10+	5	4	0	0	0	6.38	2.61	2.45	19	.0	0		5	4	3				
WAUKEGAN 2 WNW	82.3	62.6	72.5	0.0	93	1	50	10+	9	1	0	0	0	4.56	1.38	2.82	13	.0	0		6	2	2				
WHEATON COLLEGE	85.6	61.4	73.5		98	1	48	10	2	4	0	0	0	5.60		2.01	13	.0	0		5	4	3				
DIVISION			73.5	- 1.1									5.41	2.02			.0										
WEST																											
GALESBURG	85.6	64.3	75.0		98	1	52	9+	2	5	0	0	0	5.00	1.49	1.88	13	.0	0		7	4	1				
GOLDEN 1 NW	87.7	64.1	75.9		99	2+	52	9	0	9	0	0	0	6.87	3.03	2.12	13	.0	0		7	6	3				
LA HARPE	87.2	64.5	75.9	- 0.7	101	1	51	4	0	9	0	0	0	5.19	1.65	1.48	13	.0	0		7	4	3				
MONMOUTH	86.1	62.8	74.5		98	1	49	9	1	6	0	0	0	7.33		2.30	13	.0	0		9	5	2				
QUINCY	89.4	68.1	78.8	- 0.8	101	1	56	9	0	18	0	0	0	5.20	1.62	2.35	6	.0	0		4	2	2				
QUINCY FAA AIRPORT	87.5	66.8	77.2		99	1	57	11+	0	11	0	0	0	5.32		1.87	13	.0	0		6	3	2				
RUSHVILLE	87.7	62.9	75.3	- 2.2	98	1	52	9	5	11	0	0	0	7.23	3.90	2.00	13	.0	0		7	4	3				
DIVISION			76.1	- 1.1									6.02	2.49			.0										
CENTRAL																											
BLOOMINGTON NORMAL	86.4	64.5	75.5	- 1.2	97	1	50	10	0	8	0	0	0	4.00	.85	.97	6	.0	0		6	4	0				
CHENOA	86.5	61.8	74.2		95	1	47	10	1	9	0	0	0	4.72		1.90	20	.0	0		5	3	2				
DECATUR	86.8	64.5	75.7	- 1.8	97	2	47	10	1	10	0	0	0	4.42	1.35	1.78	6	.0	0		6	2	2				
FARMER CITY	85.7M	62.1M	73.9M		96	1	44	10	3	6	0	0	0	3.19		1.31	14	.0	0		3	3	2				
HAVANA	88.5	65.2	76.8	- 0.5	98	1	53	9	0	12	0	0	0	6.00	2.51	1.66	6	.0	0		8	5	3				
LINCOLN	87.8	63.1	75.5	- 1.7	100	1	48	10+	1	11	0	0	0	5.26	2.01	1.83	6	.0	0		8	2	2				
MASON CITY	86.3	63.7	75.0		96	2+	51	10+	0	7	0	0	0	5.01		1.37	13	.0	0		6	4	2				
MINONK	87.3	60.6	74.0		102	1	48	9	1	11	0	0	0	4.73	1.39	1.61	13	.0	0		6	4	1				
PEORIA WB AIRPORT	85.7	62.9	74.3	- 1.7	97	1	51	10+	2	6	0	0	0	3.56	.02	1.98	13	.0	0		6	2	1				
PRINCETONVILLE 1 N	85.8	62.7	74.3		102	1	50	9	0	5	0	0	0	4.42	1.03	1.42	13	.0	0		6	4	2				
DIVISION			74.9	- 2.1									4.53	1.09			.0										
EAST																											
DANVILLE	86.5	61.6	74.1	- 1.8	95	1	44	10	2	8	0	0	0	4.24	.57	1.24	6	.0	0		6	3	3				
HOOPESTON	85.2	62.1	73.7	- 2.3	96	1	45	4	4	4	0	0	0	4.66	.84	1.75	20	.0	0		4	3	2				
KANKAKEE 3 SW	86.0	60.8	73.4	- 1.8	99	1	43	10+	9	5	0	0	0	4.94	1.83	1.80	14	.0	0		6	3	3				
PONTIAC	86.7	64.1	75.4	- 0.7	95	1	51	10	0	9	0	0	0	4.94	1.21	1.70	14	.0	0		7	3	2				
ROBERTS 3 N	86.3	61.5	73.9		98	1	46	10	1	7	0	0	0	3.71	.41	1.30	20	.0	0		5	3	1				
URBANA	84.5	63.7	74.1	- 2.1	95	2	50	10	0	3	0	0	0	4.32	.83	1.34	13	.0	0		5	3	2				
WATSEKA 2 NW	85.8	61.5	73.7		97	1	44	10+	7	6	0	0	0	5.90	1.90	2.24	20	.0	0		7	4	2				
DIVISION			74.0	- 1.7									4.67	1.10			.0										
WEST SOUTHWEST																											
ALTON DAM 26	87.8	69.3	78.6		96	19	57	10+	0	11	0	0	0	2.45		1.03	7	.0	0		5	2	1				
CARLINVILLE	88.2	64.0	76.1	- 1.9	97	2	49	10	0	14	0																

# CLIMATOLOGICAL DATA

ILLINOIS  
JULY 1963

CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			
										90° or Above	37° or Below	32° or Below	32° or Below					Total	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
EAST SOUTHEAST																								
CHARLESTON	86.4	64.4	75.4	-	95	2	48	10	2	8	0	0	0	3.98	+.59	1.31	6	+.0	0		10	2	1	
EFFINGHAM	88.8	64.3	76.6	-	97	2	48	10	0	16	0	0	0	3.73	+.11	1.16	6	+.0	0		6	4	1	
FLORA 2 NW	85.8	64.1	75.0	-	94	2	49	10	1	5	0	0	0	5.63		1.87	13	+.0	0		9	4	1	
MARSHALL 1 E	85.5	61.6	73.6		93	2	46	10	3	3	0	0	0	5.39		1.46	13	+.0	0		8	5	2	
MATTOON	84.4	63.5	74.0		92	19+	50	10	2	3	0	0	0	4.80		1.62	1	+.0	0		5	4	3	
NEWTON	88.2	64.3	76.3		96	2	51	10	0	13	0	0	0	4.00		.73	13	+.0	0		8	3	0	
OLNEY	86.0	61.4	73.7	-	92	19+	47	10	3	5	0	0	0	4.00		1.62	13	+.0	0		7	3	1	
PALESTINE	87.5	63.8	75.7	-	94	19	49	10	0	14	0	0	0	3.43	+.03	1.40	18	+.0	0		8	2	2	
PARIS WATERWORKS	85.4	63.6	74.5	-	93	2	48	10	2	4	0	0	0	4.96	1.54	1.70	6	+.0	0		7	3	2	
SALEM	87.6	64.5	76.1		96	2	49	10	0	9	0	0	0	5.86	2.29	1.75	13	+.0	0		6	4	3	
TUSCOLA	86.8	62.8	74.8		97	2	45	10	3	9	0	0	0	5.63	2.57	2.55	6	+.0	0		8	2	2	
VANDALIA FAA AIRPORT	86.2	62.9	74.6		98	2	46	10	2	9	0	0	0	4.57		1.79	13	+.0	0		8	2	2	
WINDSOR	86.7M	62.8	74.8M	-	96	2	48	9	3	10	0	0	0	3.59	+.10	2.14	13	+.0	0		5	2	1	
DIVISION																								
SOUTHWEST																								
ANNA 1 E	88.1	65.5	76.8	-	94	2	51	10	0	13	0	0	0	6.37	3.15	2.84	18	+.0	0		5	3	2	
BELLEVILLE SCOTT AF BS	86.1	66.1	76.1		96	2	52	9	0	6	0	0	0	4.71		1.70	13	+.0	0		5	3	3	
CAIRO WB CITY	89.2	71.1	80.2	-	96	2	60	11	0	15	0	0	0	4.16	+.97	1.17	13	+.0	0		7	3	3	
CARBONDALE SEWAGE PLT	88.4	65.9	77.2	-	95	6+	50	11+	0	12	0	0	0	3.55	+.32	1.14	29	+.0	0		6	3	2	
CARLYLE	87.5M	63.0M	75.3M		95	19	44	21	0	11	0	0	0	4.69		1.43	14	+.0	0		6	4	2	
COBDEN 2 S	86.8	64.1	75.5		92	2	48	10	1	7	0	0	0	5.06		2.03	13	+.0	0		5	2	2	
OU QUOIN 2 S	87.7	64.5	76.1	-	94	2	50	11+	0	9	0	0	0	5.20	1.98	1.90	29	+.0	0		5	3	2	
EAST ST LOUIS PARKS CO	88.9	65.8	77.4		98	19+	52	28	0	12	0	0	0	3.75		1.65	7	+.0	0		4	3	2	
MAKANDA 1 NW	87.1	66.4	76.8		92	2	50	10	0	8	0	0	0	4.31		1.42	13	+.0	0		6	4	1	
NASHVILLE 3 NW	87.0	64.6	75.8		96	2	47	10	1	5	0	0	0	2.93	-.11	1.85	13	+.0	0		4	1	1	
NEW BURNSIDE	87.6	65.1	76.4	-	93	2	46	10	1	7	0	0	0	4.26	+.91	1.96	18	+.0	0		7	2	2	
SPARTA	89.1	66.6	77.9	-	96	2	50	10	0	13	0	0	0	4.72	1.43	1.78	13	+.0	0		4	3	3	
WATERLOO	88.0	67.3	77.7		95	31+	52	9	0	9	0	0	0	4.35	+.91	1.63	13	+.0	0		6	2	2	
DIVISION																								
SOUTHEAST																								
ALBION	88.2	65.7	77.0		94	2	51	10	0	15	0	0	0	4.85		1.25	13	+.0	0		9	4	2	
BROOKPORT DAM 52	89.1	66.0	77.6		95	6	51	12	0	16	0	0	0	4.72	1.07	1.83	18	+.0	0		6	3	2	
ELIZABETHTOWN	86.9	64.1	75.5		93	19	48	11+	1	7	0	0	0	2.45		.74	13	+.0	0		6	2	0	
FAIRFIELD RADIO WFIW	85.9	64.5	75.2	-	92	19+	50	10	1	4	0	0	0	7.21		1.89	29	+.0	0		11	6	2	
HARRISBURG	90.1	64.3	77.2	-	96	19+	48	10	0	21	0	0	0	2.87	-.42	.87	13	+.0	0		7	3	0	
MC LEANSBORO	88.5	65.1	76.8	-	96	2	52	11	0	15	0	0	0	3.04	+.32	.94	13	+.0	0		6	3	0	
MOUNT CARMEL	86.2	63.5	74.9		93	3	50	10	0	6	0	0	0	5.52		1.74	28	+.0	0		10	4	2	
MOUNT VERNON	87.6	65.2	76.4	-	95	2	51	10	0	9	0	0	0	7.27	4.01	2.51	29	+.0	0		8	4	2	
DIVISION																								
SOUTHEAST																								
ALBION	88.2	65.7	77.0		94	2	51	10	0	15	0	0	0	4.85		1.25	13	+.0	0		9	4	2	
BROOKPORT DAM 52	89.1	66.0	77.6		95	6	51	12	0	16	0	0	0	4.72	1.07	1.83	18	+.0	0		6	3	2	
ELIZABETHTOWN	86.9	64.1	75.5		93	19	48	11+	1	7	0	0	0	2.45		.74	13	+.0	0		6	2	0	
FAIRFIELD RADIO WFIW	85.9	64.5	75.2	-	92	19+	50	10	1	4	0	0	0	7.21		1.89	29	+.0	0		11	6	2	
HARRISBURG	90.1	64.3	77.2	-	96	19+	48	10	0	21	0	0	0	2.87	-.42	.87	13	+.0	0		7	3	0	
MC LEANSBORO	88.5	65.1	76.8	-	96	2	52	11	0	15	0	0	0	3.04	+.32	.94	13	+.0	0		6	3	0	
MOUNT CARMEL	86.2	63.5	74.9		93	3	50	10	0	6	0	0	0	5.52		1.74	28	+.0	0		10	4	2	
MOUNT VERNON	87.6	65.2	76.4	-	95	2	51	10	0	9	0	0	0	7.27	4.01	2.51	29	+.0	0		8	4	2	
DIVISION																								
SOUTHEAST																								
ALBION	88.2	65.7	77.0		94	2	51	10	0	15	0	0	0	4.85		1.25	13	+.0	0		9	4	2	
BROOKPORT DAM 52	89.1	66.0	77.6		95	6	51	12	0	16	0	0	0	4.72	1.07	1.83	18	+.0	0		6	3	2	
ELIZABETHTOWN	86.9	64.1	75.5		93	19	48	11+	1	7	0	0	0	2.45		.74	13	+.0	0		6	2	0	
FAIRFIELD RADIO WFIW	85.9	64.5	75.2	-	92	19+	50	10	1	4	0	0	0	7.21		1.89	29	+.0	0		11	6	2	
HARRISBURG	90.1	64.3	77.2	-	96	19+	48	10	0	21	0	0	0	2.87	-.42	.87	13	+.0	0		7	3	0	
MC LEANSBORO	88.5	65.1	76.8	-	96	2	52	11	0	15	0	0	0	3.04	+.32	.94	13	+.0	0		6	3	0	
MOUNT CARMEL	86.2	63.5	74.9		93	3	50	10	0	6	0	0	0	5.52		1.74	28	+.0	0		10	4	2	
MOUNT VERNON	87.6	65.2	76.4	-	95	2	51	10	0	9	0	0	0	7.27	4.01	2.51	29	+.0	0		8	4	2	
DIVISION																								
SOUTHEAST																								
ALBION	88.2	65.7	77.0		94	2	51	10	0	15	0	0	0	4.85		1.25	13	+.0	0		9	4	2	
BROOKPORT DAM 52	89.1	66.0	77.6		95	6	51	12	0	16	0	0	0	4.72	1.07	1.83	18	+.0	0		6	3	2	
ELIZABETHTOWN	86.9	64.1	75.5		93	19	48	11+	1	7	0	0	0	2.45		.74	13	+.0	0		6	2	0	
FAIRFIELD RADIO WFIW	85.9	64.5	75.2	-	92	19+	50	10	1	4	0	0	0	7.21		1.89	29	+.0	0		11	6	2	
HARRISBURG	90.1	64.3	77.2	-	96	19+	48	10	0	21	0	0	0	2.87	-.42	.87	13	+.0	0		7	3	0	
MC LEANSBORO	88.5	65.1	76.8	-	96	2	52	11	0	15	0	0	0	3.04	+.32	.94	13	+.0	0		6	3	0	
MOUNT CARMEL	86.2	63.5	74.9		93	3	50	10	0	6	0	0	0	5.52		1.74	28	+.0	0		10	4	2	
MOUNT VERNON	87.6	65.2	76.4	-	95	2	51	10	0	9	0	0	0	7.27	4.01	2.51	29	+.0	0		8	4	2	
DIVISION																								
SOUTHEAST																								
ALBION	88.2	65.7	77.0		94	2	51	10	0	15	0	0	0	4.85		1.25	13	+.						



# DAILY PRECIPITATION

ILLINOIS  
JULY 1963

Continued

Station	Total	Day of Month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NEWTON	4.00	.39			.08	.69	T						.73	.46				.37		T								.22	.41	.65	.			
OLNEY	4.00	.40	.02		.10	.50							1.62					.30										.03	.01	.15	.83	.		
OTTAWA	4.56			T		.77		.08					1.59				.08			1.04	.45						T		.50	.13	.			
PALESTINE	3.43	.17	.01			.10							1.17	.10					1.40		.10							T	.15	.02	.			
PANA	6.05	.11			.60	.13	1.20	T					2.99	.02					T		.04								.13	.81	.02	.		
PARIS WATERWORKS	4.96	.02				1.70	.03						1.17	.10						.64	.35									.09	.			
PARK FOREST	6.93					.86							1.43				1.38	.02		2.30		.50	.15	.07				T	.27	.05	.09	.		
PAW PAW	4.50					.35	T						.63	1.11				.02		1.00	.97								.03	.42	.41	.		
PAYSON	4.66					1.13	.12						2.32	.04					T											.31	.66	.		
PEORIA WB AIRPORT	R 3.56				.03	.14	.15					T	1.98					.09	T	.72							T		.10	.35	.			
PEOTONE	4.47					.28							1.60	.05					.63	T		1.63	.09	.10						.09	.			
PETERSBURG	6.82				1.24	.07	1.81	.36					2.30					.24										T	.29	.51	.			
PLEASANT HILL	1.92				.01	.52	.90	.03				T	1.53						T									T	4.93	.	.			
PONTIAC	4.94		T			.77	.27						.10	1.70							.42	1.23								.45	.			
PRAIRIE DU ROCHE	3.79			.08		.08	.05	.30					.03	.51						2.50									.03	.21	T	.		
PRINCEVILLE 1 N	4.42				.03	.11	.52						1.42					.08	T	1.37	.60									.29	.			
QUINCY	5.20				.03	2.35							2.33					.26												.23	.			
QUINCY FAA AIRPORT	5.32			.07	.10	.44	1.79	T				-10	1.87					.01		T									.03	.91	T	.		
QUINCY DAM 21	4.80					.11	1.13	.18					2.26	.01				.24												.03	.24	.		
QUINCY MEMORIAL BRIDGE	5.23					.06	1.97	.21					2.28	.03					.30		T							T		.38	.			
REO BUD	2.84		.49			.06	1.14						1.11																	.04	.			
ROBERTS 3 N	3.71	.35				.76							.74								.04	1.30							.03	.01	.48	.		
ROCHELLE 1 W	4.92					.17							.35	.75				.25	.05	1.60	1.70								.05	.				
ROCKFORD 6 ENE	4.38					.10							.88					.50	.03	1.51	1.13								.03	.				
ROCKFORD WB AIRPORT	//R 5.16		T			.05	.01						1.32		.02	.60	.02	1.55	1.50										.05	.				
ROCKPORT	4.32					.92	1.00						1.90																	.50	.			
RUSHVILLE	7.23				1.07	.65	1.10						2.00					.46												1.10	.25	.		
SAINTE MARIE	4.35	.05	.75			.04	.53	.52					1.56					.51		.03									.14	.22	.			
SALEM	5.86	T	.07		.45	.02	1.17	1.34	.04				1.75	.01				.82		.65							.01		.02	.39	.			
SHAWNEETOWN NEW TOWN	3.66		1.63			.02	1.17	1.34	.04				.82						.43				.26					.03	.19	.21	.03	.		
SIOELL	4.48					1.52							.36	1.38					T		.99									.06	.17	.		
SPARTA	4.72		.04			T	.02	.46					1.78						1.22							T			.01	1.19	.			
SPRINGFIELD WB AIRPORT	R 6.97	.01			1.33	.10	2.59	.09				T	1.08					.08	T										.16	1.22	.33	.		
STOCKTON	5.38			.05		.11	.04						.75					.32	.15	T	3.05	.53								.38	T	.		
STREATOR 3 N	5.8					1.20							1.17							1.50	1.50									.10	.40	.		
SYCAMORE	6.38					.23							1.20					1.80		.05	2.45	.60								.05	.			
TAYLORVILLE	4.18				.26	.47	1.18	.18					.16	.94				.24												.11	.64	.		
TISKILWA	5.28		.18			1.00							1.85		T			.08		1.75	.26									T	.16	.		
TOULON	4.94				.01	.07	.38						1.58					.07	.01	2.40	.35									T	.38	.		
TUSCOLA	5.69	.18				2.55	.48						.19	1.19							.49									.17	.			
URBANA	4.32	.03				1.28							1.34								.39	.75								.09	T	.01	.43	.
URBANA ENG CAMPUS	4.04		.03			1.23	.05						.15	1.34						T	1.14								.09	T	.01	.		
UTICA STARVED ROCK DAM	5.03					.86							.45	.95																.05	.17	.		
VANDALIA FAA AIRPORT	4.57	T	.14		.03	.15	.13	.21					1.79					1.76		.02	1.46	1.05								.22	T	.		
VIROEN	4.60		T		.64	.25	1.40						1.18	.17				.05			.14									.30	.61	.		
VIRGINIA	8.35				.76	.32	1.62	T				T	3.15						.87	.01										.57	.10	.95	.	
WALNUT	4.58		T	T		1.02	T						.90	.50				T	1.90										T	T	.12	.14	.	
WATERLOO	4.35			.35		.09	.26	.30					1.63							1.60											.02	.10	.	
WATSEKA 2 NW	5.90					.81							1.43	T				.65	.02											.17	.02	.37	.	
WAUKEGAN 2 NW	4.56												2.82					.10	.01	1.15	.05	.04	.17				T	.10	.12	T	.			
WAYNE CITY	6.61	T	.19	T		.30	.63	.54	T				1.61						.77		.02								.12	2.43	.			
WHEATON COLLEGE	5.60					T							2.01	.02				1.16			.90	1.21	.01							.20	.09	.		
WHITE HALL 1 E	1.20				.31	.47	.41					T	1.29		.56															1.71	.11	.		
WILCOX	4.76	.30		.30		.22	.41	.40	.40				2.12								.38								.22	.22	.20	.		
WINDSOR	3.59	T				.12	T	.86					2.14	.04															.07	.19	.17	.		



# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Season of 1962 - 1963

ILLINOIS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ALBION SNOWFALL 1 IN ON GD				T		1.2	4.7 9	2.7 3	5.0 2				13.6
ALEDO SNOWFALL 1 IN ON GD						4.3	12.7 27	5.8 24	1.6				24.4
ALTON DAM 26 SNOWFALL 1 IN ON GD						1.6	4.5 12	1.0 4	T				7.1
ANNA 1 E SNOWFALL 1 IN ON GD					T	1.9	1.8 9	2.6 5	.8				7.1
ANTIOCH SNOWFALL 1 IN ON GD				T	.2	2.5	10.0 27	5.5 28	7.5 9	T			25.7
ARLINGTON HEIGHTS 4 S SNOWFALL 1 IN ON GD				.3	-	-	-	-	-	-	-	-	-
AURORA COLLEGE SNOWFALL 1 IN ON GD				.3	.1	2.7	8.9 28	9.5 28	4.2 3				25.7
AVON 5 NE SNOWFALL 1 IN ON GD				T		2.0	7.8 16	4.4 11	T 1				14.2
BARRINGTON 1 NW SNOWFALL 1 IN ON GD	-	-	-	-	-	-	8.5	7.0 11	- 1	-			-
BARRY SNOWFALL 1 IN ON GD						-	5.0 12	12.0 6	T 1				-
BEARDSTOWN SNOWFALL 1 IN ON GD				T		2.5	7.0 12	9.0 10	T 1				18.5
BELLEVILLE SCOTT AF B SNOWFALL 1 IN ON GD					T	1.3	2.8 9	2.0 1	1.0				7.1
BENTLEY 1 NW SNOWFALL 1 IN ON GD				T	T	4.0	7.0 14	7.0 18	T 2				18.0
BENTON FOREST SERVICE SNOWFALL 1 IN ON GD				T		2.3	2.2 5	-	-				-
BLOOMINGTON WATERWORK SNOWFALL 1 IN ON GD					T	4.9	8.8 18	10.7 17	T 4				24.4
BLOOMINGTON NORMAL SNOWFALL 1 IN ON GD				T	T	5.7	9.1 20	13.1 17	.1 2				28.0
BLUFFS SNOWFALL 1 IN ON GD				T		3.5	4.0 13	9.5 14	.1 2	T			17.1
BROOKPORT DAM 52 SNOWFALL 1 IN ON GD						2.5	2.3 6	3.6 4					8.4
CAIRO WB CITY SNOWFALL 1 IN ON GD						2.2	3.5 7	2.4 2	T				8.1
CANTON SNOWFALL 1 IN ON GD						3.5	7.5 15	6.0 16	.5 3				17.5
CARBONDALE SEWAGE PLT SNOWFALL 1 IN ON GD						2.0	3.6 9	1.3 3	1.8 1				8.7
CARLINVILLE SNOWFALL 1 IN ON GD						2.8	3.0 13	1.8 3	T				7.6
CARLYLE SNOWFALL 1 IN ON GD						.5	2.0 4	.5 1	5.1 1				8.1
CARMI 6 NW SNOWFALL 1 IN ON GD				T		1.4	3.8 9	-	2.5 1	T			-
CENTRALIA 2 NE SNOWFALL 1 IN ON GD						1.0	1.0	T	7.0				9.0
CHANDLERVILLE SNOWFALL 1 IN ON GD	-					-	-	-	-	-	-	-	-
CHAMPAIGN DRESDEN ISL SNOWFALL 1 IN ON GD				T		2.8	10.1 22	9.8 25	2.9 2				25.6
CHARLESTON SNOWFALL 1 IN ON GD						-	6.1 9	8.8	.5 1				-
CHENOA SNOWFALL 1 IN ON GD				T	T	4.0	9.0 17	- 18	T				-
CHESTER SNOWFALL 1 IN ON GD						2.0	3.1 9	1.0 3	3.0 2				9.1
CHICAGO O HARE AIRPORT SNOWFALL 1 IN ON GD				T	.3	2.3	16.8 20	8.4 25	7.5 4	T			35.3
CHICAGO UNIVERSITY SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO WB AIRPORT SNOWFALL 1 IN ON GD				.3	.4	4.3	21.0 21	11.2 25	5.4 5	T			42.6
CHICAGO WB CITY SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
CHILLICOTHE SNOWFALL 1 IN ON GD						2.0	7.5 20	5.6 24	T 2				15.1
CLINTON 1 SSW SNOWFALL 1 IN ON GD						2.7	6.4 14	11.2 14	.1				20.4
CODDEN 2 S SNOWFALL 1 IN ON GD						-	-	2.2					-
DANVILLE SNOWFALL 1 IN ON GD				T		4.5	5.0 12	15.5	T 2				25.0
DANVILLE SEWAGE PLANT SNOWFALL 1 IN ON GD						-	-	-	T				-

See reference notes following Station Index.

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

CONTINUED

Season of 1962 - 1963

ILLINOIS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
DECATUR SNOWFALL 1 IN ON GD						3.5	7.4 14	6.0 14					16.9
DIXON SNOWFALL 1 IN ON GD				T		2.0	11.5 24	7.3 22	6.5 3				27.3
DU QUOIN 2 S SNOWFALL 1 IN ON GD						-	1.0 1	-	3.0				-
EAST ST LOUIS PARKS C SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
EDWARDSVILLE SNOWFALL 1 IN ON GD						.7	3.8 10	2.1 4					6.6
EFFINGHAM SNOWFALL 1 IN ON GD					T	1.6	4.2 10	3.9 11	1.2				10.9
ELGIN SNOWFALL 1 IN ON GD				T	T	2.1	10.3 20	7.2	10.0	T			29.6
ELIZABETHTOWN SNOWFALL 1 IN ON GD					T	2.8	2.3 9	2.9 3	.1				8.1
FAIRFIELD RADIO WFIV SNOWFALL 1 IN ON GD				T	T	1.0	3.0 9	1.5 4	5.0 2				10.5
FARMER CITY SNOWFALL 1 IN ON GD					T	2.5	3.8 16	11.1 16	.8 4				18.2
FLORA 2 NW SNOWFALL 1 IN ON GD				T	T	T	1.5 9	.7 3	5.5 2				7.7
FREEPORT SNOWFALL 1 IN ON GD				T	T	4.8	11.2 28	5.7 22	7.5 9	T			29.2
FREEPORT SEWAGE PLANT SNOWFALL 1 IN ON GD				.5	1.1	8.0	9.8 29	9.0 28	7.1 10	T			35.5
FULTON DAM 13 SNOWFALL 1 IN ON GD				T	T	2.5	8.4 27	7.8 25	7.5 5				26.2
GALEMA SNOWFALL 1 IN ON GD				T	T	4.6	8.2 28	5.2 21	7.4 6				25.4
GALESBURG SNOWFALL 1 IN ON GD						1.8	12.1 21	5.1 11	.7				19.7
GALVA SNOWFALL 1 IN ON GD				T		2.3	11.2 23	6.8 26	T				20.3
GENESECO SNOWFALL 1 IN ON GD				T		2.0	13.1 23	5.5 25	2.5 1				23.1
GIBSON CITY 3 E SNOWFALL 1 IN ON GD						-	4.0 15	6.5 12	3				-
GLADSTONE DAM 18 SNOWFALL 1 IN ON GD				T	T	3.5	11.0 29	4.0 16	T				18.5
GLENDALE EXP STATION SNOWFALL 1 IN ON GD						-	-	-	-	-			-
SOLCONDA DAM 51 SNOWFALL 1 IN ON GD						1.8	3.0 3	2.0 3					6.8
GOLDEN 1 NW SNOWFALL 1 IN ON GD				T		5.0	9.0	13.0	1.0				28.0
GRAFTON SNOWFALL 1 IN ON GD						1.5	5.0 12	1.8 6	-				-
GRAND TOWER 2 N SNOWFALL 1 IN ON GD						2.0	2.0 7	1.0 3	.8 1				5.8
GREENUP SNOWFALL 1 IN ON GD						.4	2.6	2.9	1.0				6.9
GREENVILLE 1 E SNOWFALL 1 IN ON GD						3.2	3.0 9	1.0 2	-				-
GRIGGSVILLE SNOWFALL 1 IN ON GD				T		7.0	-	-	1.5 2				-
HARDIN SNOWFALL 1 IN ON GD						2.0	4.0 13	2.5 7	T				8.5
HARRISBURG SNOWFALL 1 IN ON GD					T	7.0	7.0 9	2.0	3.0 1				19.0
HARRISBURG DISPOSAL P SNOWFALL 1 IN ON GD						-	-	1.0 1	-	-			-
HAVANA SNOWFALL 1 IN ON GD						2.5	7.8	11.2 9	T				21.5
HAVANA NO 2 SNOWFALL 1 IN ON GD					T	2.0	5.0 13	8.0	T 3				15.0
HILLSBORO SNOWFALL 1 IN ON GD						-	4.0 11	2.5 2					-
HOOPESTON SNOWFALL 1 IN ON GD				.1	T	1.4	6.3 14	14.8 11	.2 3	T			22.8
HUTSONVILLE POWER PLT SNOWFALL 1 IN ON GD						T	4.0 8	3.0 6					7.0
ILLINOIS CITY DAM 16 SNOWFALL 1 IN ON GD				T	T	3.0	10.6 28	5.7 22	1.5 4				20.8
JACKSONVILLE SNOWFALL 1 IN ON GD				T		4.5	4.5 13	12.0 11	T 2				21.0
JERSEYVILLE SNOWFALL 1 IN ON GD						4.5	3.8 12	4.7 8	.5				13.5

See reference notes following Station Index.

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

CONTINUED

Season of 1962 - 1963

ILLINOIS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
JOLIET BRANON RD DAM SNOWFALL 1 IN ON GD				.8	T	4.7	7.8 28	14.5 28	1.0 1				28.8
JOLIET SNOWFALL 1 IN ON GD				T	T	1.0	6.5	10.0	-				-
KANKAKEE 3 SW SNOWFALL 1 IN ON GD				.5	T	3.1	8.6 20	11.6 25	1.5 4	T			25.3
KEITHSBURG 1 NW SNOWFALL 1 IN ON GD						5.0	- 21	2.0 14					-
KEWANEE SNOWFALL 1 IN ON GD				T	T	3.3	14.6 25	5.8 25	- 3				-
LACON SNOWFALL 1 IN ON GD				T	T	1.5	11.5 21	10.0 14	.5 1	-	-	-	-
LA MARPE SNOWFALL 1 IN ON GD				T		3.0	7.3 19	7.0 18	1				17.3
LA SALLE PERU SNOWFALL 1 IN ON GD				.2	T	2.3	12.5	11.1	2.8	T			28.9
LA SALLE 1 S SNOWFALL 1 IN ON GD				T		2.0	14.6 21	10.6 27	1.0 4				28.2
LAWRENCEVILLE 3 WSW SNOWFALL 1 IN ON GD				T	T	.9	5.1 9	2.9 5	3.5 2				12.4
LINCOLN SNOWFALL 1 IN ON GD						4.3	7.6 13	12.4 14	.4 2				24.7
MACKINAW SNOWFALL 1 IN ON GD				T	T	2.5	7.5 22	9.1 14	T 2				19.1
MACOMB SNOWFALL 1 IN ON GD				T	T	4.0	6.0 20	7.7 19	T 2				17.7
MAKANDA 1 NW SNOWFALL 1 IN ON GD				T		2.0	1.5 8	2.0 3	1.0 1				6.5
WARENGO SNOWFALL 1 IN ON GD				T	T	3.0	8.0	6.5	7.5 7	T			25.0
WARION 2 W SNOWFALL 1 IN ON GD						2.3	3.5	2.8	2.3				10.9
MARSEILLES LOCK SNOWFALL 1 IN ON GD				T		1.0	16.0 24	6.5 5					23.5
MARSHALL 1 E SNOWFALL 1 IN ON GD				T	T	4.4	3.9 7	6.5 8	2.0 1				16.8
MASON CITY SNOWFALL 1 IN ON GD						-	-	-	-	-			-
MATTOON SNOWFALL 1 IN ON GD				T	T	2.5	2.5 11	4.5 17	T				9.5
MC LEANSBORO SNOWFALL 1 IN ON GD					T	1.0	3.0 9	.5 1	4.0 1				8.5
MEODRA SNOWFALL 1 IN ON GD						4.0	4.0 13	3.5 4	1.0				12.5
MINONK SNOWFALL 1 IN ON GD				T	T	1.2	11.3 22	- 24	T 2				-
MOLINE WB AIRPORT SNOWFALL 1 IN ON GD				.2	T	3.1	14.7 21	5.4 15	7.3 2				30.7
MONMOUTH SNOWFALL 1 IN ON GD						3.7	13.8 22	4.9 20					22.4
MONTICELLO SNOWFALL 1 IN ON GD				T		3.3	5.5 13	10.3 14	T 2				19.1
MORRIS SNOWFALL 1 IN ON GD				T		1.5	5.3 21	6.4 26	T 2				13.2
MORRIS 5 N SNOWFALL 1 IN ON GD				T	T	-	7.8 23	9.4 22	T 3				-
MORRISON SNOWFALL 1 IN ON GD				T		2.7	9.6 28	8.7 27	8.0 5				29.0
MORRISONVILLE 4 SE SNOWFALL 1 IN ON GD				T		2.1	3.3 12	4.1 7	.8				10.3
MOUNT CARMEL SNOWFALL 1 IN ON GD				T		3.4	-	2.5	4.2				-
MOUNT CARROLL SNOWFALL 1 IN ON GD				.5	T	5.7	10.2 30	7.2 23	8.7 6				32.3
MOUNT OLIVE 2 NE SNOWFALL 1 IN ON GD						-	-	-	-	-	-	-	-
MOUNT PULASKI SNOWFALL 1 IN ON GD				T		4.0	8.0	14.0	T				26.0
MOUNT STERLING SNOWFALL 1 IN ON GD				T	T	4.9	3.8 12	- 6	2				-
MOUNT VERNON SNOWFALL 1 IN ON GD						.5	1.7 9	1.0 1	3.5 2				6.7
NASHVILLE 3 NW SNOWFALL 1 IN ON GD						1.0	2.5	2.5 5	5.0 1				11.0
NEWARK 8 E SNOWFALL 1 IN ON GD				T	T	-	-	3.0 6	-				-
NEW BOSTON DAM 17 SNOWFALL 1 IN ON GD				T	T	4.0	6.6 29	4.3 24	1.0 1				15.9

See reference notes following Station Index.

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

CONTINUED

Season of 1962 - 1963

ILLINOIS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
NEW BURNSIDE SNOWFALL 1 IN ON GO					T	2.3	3.5 9	2.1 2	1.0 1	T			8.9
NEWTON SNOWFALL 1 IN ON GO				T		1.7	4.4 9	4.7 5	6.5 1				17.3
OLNEY SNOWFALL 1 IN ON GO				T		2.3	3.0 9	2.6 3	6.5 2				14.4
OTTAWA SNOWFALL 1 IN ON GO				.5	T	1.8	15.5 21	9.3 26	3.0				30.1
RALESTINE SNOWFALL 1 IN ON GO					T	2.0	5.5 9	7.7 12	10.0 3				25.2
RANA SNOWFALL 1 IN ON GO				T		2.0	4.7 13	4.7 13	.5				11.9
PARIS WATERWORKS SNOWFALL 1 IN ON GO				T	T	-	7.1 10	8.4 5	1.0				-
RARK FOREST SNOWFALL 1 IN ON GO				T		2.5	12.9 22	5.7 19	T				21.1
RAW RAW SNOWFALL 1 IN ON GO				.5		2.3	8.8 28	9.3 27	8.5 7	T			29.4
RAYSON SNOWFALL 1 IN ON GO				T		3.0	4.0 12	8.0 6	T 3				15.0
REORIA W8 AIRRORT SNOWFALL 1 IN ON GO				T	T	2.1	7.0 13	6.2 12	T 2				15.3
REOTONE SNOWFALL 1 IN ON GO				1.0	T	2.0	13.5 21	13.0 28	3.0 2	T			32.5
RETERSBURG SNOWFALL 1 IN ON GO						-	-	10.0	-	-			-
RLEASANT HILL SNOWFALL 1 IN ON GO						2.3	4.9 14	4.2 6	T	T			11.4
PONTIAC SNOWFALL 1 IN ON GO				T		2.8	9.6 13	12.6 26	.4 3				25.4
RRAIRIE OU ROCHER SNOWFALL 1 IN ON GO						.6	1.5 7	1.0 2	4.8 2				7.9
RRINCEVILLE 1 N SNOWFALL 1 IN ON GO					T	1.5	8.3	5.0	T				14.8
QUINCY SNOWFALL 1 IN ON GO				T		4.1	7.5 13	8.8 7	.3 1				20.7
QUINCY FAA AIRRORT SNOWFALL 1 IN ON GO				T	T	4.2	3.5 12	9.9 17	T 3				17.6
QUINCY OAM 21 SNOWFALL 1 IN ON GO				T	T	-	6.0 13	8.0 5	T 3				-
QUINCY MEMORIAL BRIDGE SNOWFALL 1 IN ON GO				T		5.5	5.0 12	10.0 11	T 1	T			20.5
RANTOUL CHANUTE AF 85 SNOWFALL 1 IN ON GO				T	T	2.5	10.8 13	10.2 14	T 3				23.5
RED 800 SNOWFALL 1 IN ON GO						-	-	-	-	-			-
ROBERTS 3 N SNOWFALL 1 IN ON GO				T	T	2.6	6.3 20	.7 28	T 3				9.6
ROCHELLE 1 W SNOWFALL 1 IN ON GO				.3		1.5	8.5 19	9.0 25	4.5 6				23.8
ROCKFORD 6 ENE SNOWFALL 1 IN ON GO				T	-	-	-	-	2.0 1				-
ROCKFORD W8 AIRPORT SNOWFALL 1 IN ON GO				.1	T	3.7	11.3 28	8.4 27	12.2 10	T			35.7
ROCKRORT SNOWFALL 1 IN ON GO						4.7	6.5 12	T	T	T			11.2
RUSHVILLE SNOWFALL 1 IN ON GO				T		3.9	6.8	6.7	T				17.4
SAINTE MARIE SNOWFALL 1 IN ON GO						1.0	2.0 9	3.6 3	7.5 1				14.1
SALEM SNOWFALL 1 IN ON GO					T	-	4.8 9	1.5 3	7.0 2				-
SHAWNEETDWN NEW TOWN SNOWFALL 1 IN ON GO					T	1.1	3.6 9	T	-				-
SIOELL SNOWFALL 1 IN ON GO				T		-	-	-	-				-
SKOKIE SNOWFALL 1 IN ON GO	-	-	-	-	-	-	-	-	-	-	-	-	-
SRARTA SNOWFALL 1 IN ON GO				T	T	2.0	2.3 9	1.5 1	4.5 1				10.3
SRRINGFIELD W8 AIRPORT SNOWFALL 1 IN ON GO				T	T	4.7	5.2 12	11.9 11	.2 3	T			22.0
STOCKTON SNOWFALL 1 IN ON GO				T	T	-	9.0 30	2.5 19	7.3 5				-
STREATOR 3 N SNOWFALL 1 IN ON GO					-	.5	- 1	-	-				-
SYCAMORE SNOWFALL 1 IN ON GO				T	T	.9	10.1 20	7.0 16	10.0 3				28.0

See reference notes following Station Index.



# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

CONTINUED

Season of 1962 - 1963

ILLINOIS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
TAYLORVILLE SNOWFALL 1 IN ON GD						1.8	4.5 13	4.0 5	.5 1				10.8
TISKILWA SNOWFALL 1 IN ON GD				T	T	-	-	-	2.5				-
TOULON SNOWFALL 1 IN ON GD				T	T	2.6	11.8 17	7.8 19	1.8				24.0
TUSCOLA SNOWFALL 1 IN ON GD					T	5.0	5.8	11.8 21	2.5				25.1
URBANA SNOWFALL 1 IN ON GD				T	T	4.5	10.3 20	13.2 16	.2 2				28.2
URBANA ENG CAMPUS SNOWFALL 1 IN ON GD					-	-	-	-	-				-
UTICA STARVED ROCK DAM SNOWFALL 1 IN ON GD				T		2.5	6.0	6.0	2.0				16.5
VANDALIA FAA AIRPORT SNOWFALL 1 IN ON GD						.9	3.1 9	2.5 6	T				6.5
VIRDEN SNOWFALL 1 IN ON GD					T	3.9	3.2 2	3.8 3					10.9
WALNUT SNOWFALL 1 IN ON GD				T	T	3.0	12.0 23	7.5 24	8.0 4				30.5
WARSAW SNOWFALL 1 IN ON GD				-	-	-	-	-	-	-	-	-	-
WATERLOO SNOWFALL 1 IN ON GD						1.6	3.2 11	1.8 2	4.0 2				10.6
WATSEKA 2 NW SNOWFALL 1 IN ON GD						.7	9.2 23	13.5 23	- 2				-
WAUKEGAN 2 WNW SNOWFALL 1 IN ON GD				T	T	2.7	14.8 22	10.5 22	6.6 6	T			34.6
WAYNE CITY SNOWFALL 1 IN ON GD					T	.8	2.2 9	.8 1	4.5 3				8.3
WHEATON COLLEGE SNOWFALL 1 IN ON GD				.2	T	3.5	9.7 28	10.9 26	5.8 4	T			30.1
WHITE HALL 1 E SNOWFALL 1 IN ON GD						4.0	4.8 13	2.1 7	T				10.9
WILCOX SNOWFALL 1 IN ON GD						-	-	-	-				-
WINOSOR SNOWFALL 1 IN ON GD						1.0	3.0 9	3.8 14	2.0	T			9.8

NOTE: COUNT OF DAYS WITH SNOWFALL OF 1 INCH OR MORE ON GROUND WAS BEGUN WITH DATA FOR JANUARY 1963.

# DAILY TEMPERATURES

ILLINOIS  
JULY 1963

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION	MAX	92	94	89	84	88	86	89	82	82	82	87	89	85	88	90	90	92	91	93	91	89	90	92	90	90	90	86	81	81	90	98
	MIN	70	71	68	62	60	68	72	59	55	51	56	57	65	68	64	68	71	69	74	77	63	65	68	62	67	69	69	69	69	67	65
ALEDO	MAX	101	93	89	72	79	85	85	80	83	85	82	86	74	82	89	90	89	89	90	88	98	92	89	88	89	87	88	85	87	89	88
	MIN	70	70	60	52	60	66	68	54	53	56	58	60	65	62	60	70	66	68	66	68	66	68	64	62	65	67	68	68	63	62	68
ALTON OAM 26	MAX	94	94	88	82	87	87	86	80	81	83	84	85	79	85	90	89	92	93	96	88	91	91	91	88	88	88	84	87	89	93	
	MIN	75	78	71	63	65	71	72	60	57	57	59	64	69	70	66	71	73	70	81	74	68	71	72	71	71	71	70	74	70	72	
ANNA 1 E	MAX	93	94	90	89	90	92	90	86	84	83	85	90	83	87	89	88	90	91	92	90	88	88	88	89	86	85	84	83	82	90	89
	MIN	67	68	67	65	63	74	74	61	57	51	54	56	69	67	62	64	68	68	74	76	64	63	65	64	64	66	68	69	68	66	67
ANTIOCH	MAX	98	91	82	84	84	88	82	80	79	87	90	89	84	83	83	88	85	93	87	80	89	88	85	89	88	87	87	85	87	98	89
	MIN	68	71	54	55	56	58	62	50	50	50	60	63	63	63	57	60	67	68	65	62	64	62	62	59	62	63	67	69	68	68	68
AURORA COLLEGE	MAX	97	90	80	81	83	70	78	76	74	85	88	86	76	82	82	86	86	90	89	81	87	87	86	88	89	86	84	82	85	86	
	MIN	69	70	55	44	50	62	61	54	52	45	59	60	64	63	55	66	69	67	65	66	61	67	64	66	68	69	69	69	61	62	66
BARRINGTON 1 NW	MAX	97	96	86	79	83	81	81	75	75	84	87	88	87	80	81	85	86	90	90	86	85	86	84	85	87	89	86	87	85	85	
	MIN	62	72	54	45	49	62	62	46	46	43	57	63	63	64	54	60	69	67	66	62	62	61	59	61	59	62	63	67	68	69	61
BELLEVILLE SCOTT AF 8SE	MAX	92	96	88	81	85	87	86	80	80	78	84	86	80	86	87	87	90	90	93	87	84	86	87	85	86	83	87	85	86	93	
	MIN	71	73	68	62	63	72	70	61	52	53	53	57	72	68	65	66	70	69	76	70	64	65	68	66	67	69	69	68	69	65	68
BLOOMINGTON NORMAL	MAX	97	93	93	76	81	80	82	80	78	82	85	85	84	83	86	90	89	91	98	89	86	88	90	88	90	88	87	86	86	87	
	MIN	72	71	59	56	58	62	63	54	56	50	60	64	66	64	60	70	70	69	70	69	64	67	65	68	67	69	69	69	66	63	69
BROOKPORT OAM 52	MAX	93	94	93	88	91	95	90	85	83	82	85	90	93	87	90	92	92	90	93	91	86	89	90	89	86	87	86	84	89	98	89
	MIN	69	70	69	65	67	68	76	66	58	52	52	51	60	71	64	65	67	67	70	77	62	62	64	66	67	71	72	71	78	78	
CAIRO W8 CITY	MAX	94	96	95	89	91	95	91	86	84	84	87	91	78	89	90	89	91	93	95	92	88	88	92	98	86	84	86	87	85	90	89
	MIN	74	74	73	70	70	76	77	68	64	61	60	65	73	71	70	72	73	73	77	74	69	71	74	71	71	72	73	72	71	72	72
CARBONAOLE SEWAGE PLANT	MAX	93	95	90	87	90	95	89	85	82	81	84	89	86	89	90	88	91	93	93	90	87	89	90	87	88	87	87	84	83	89	90
	MIN	69	70	67	64	64	76	75	61	55	50	54	54	72	69	63	65	69	69	77	76	62	62	65	65	68	67	67	70	66	65	69
CARLINVILLE	MAX	95	97	92	77	81	81	85	83	80	83	85	87	82	85	88	91	90	95	96	91	91	91	92	90	91	88	89	86	88	95	
	MIN	70	73	61	57	60	68	70	56	50	49	53	58	66	65	60	65	70	66	76	74	60	64	65	63	64	66	69	69	67	62	68
CARLYLE	MAX	91	91	85	75	86	86	86	83	82	81	85	88	82	87	90	91	91	95	98	91	88	91	88	91	88	91	86	87	88	94	
	MIN	72	75	66	63	62	71	71	58	51	49	53	56	69	68	61	65	68	56	44	47	67	64	65	68	69	69	69	65	66	63	68
CHARLESTON	MAX	91	95	93	76	85	82	83	81	77	80	85	85	81	85	87	90	89	90	92	91	88	90	88	86	88	87	87	84	87	86	89
	MIN	68	70	62	57	58	63	68	57	50	48	58	62	64	65	63	67	70	68	75	71	62	66	67	64	69	69	68	67	65	66	64
CHENOA	MAX	95	94	88	88	83	76	81	79	77	83	88	86	79	82	85	92	88	92	91	90	89	88	88	90	86	85	85	87	85	85	
	MIN	69	70	57	60	52	60	60	53	51	47	58	58	65	64	59	59	69	68	67	62	62	64	66	66	63	60	67	68	64	68	63
CHICAGO O MARE AIRPORT	MAX	95	88	67	79	85	79	73	74	72	83	88	88	73	82	81	87	86	90	85	80	86	84	83	86	87	87	87	83	84	85	84
	MIN	69	63	48	46	50	65	62	54	47	45	53	60	65	60	65	67	74	71	68	63	63	63	60	63	63	67	71	68	69	60	68
CHICAGO UNIVERSITY	MAX	89	83	65	77	81	81	71	73	71	79	87	91	73	85	79	89	86	92	81	76	87	83	80	83	86	88	79	87	87	84	
	MIN	72	64	58	57	57	66	62	59	58	56	61	68	63	64	62	64	72	71	68	66	64	64	65	68	69	71	71	71	68	65	67
CHICAGO W8 AIRPORT	MAX	99	86	67	79	86	81	72	72	70	83	88	88	74	83	82	89	86	94	84	80	89	85	83	88	90	89	85	81	88	86	
	MIN	74	67	58	57	60	67	64	60	59	55	64	67	65	67	62	66	73	73	68	69	64	65	66	69	71	74	73	73	67	65	69
CHICAGO W8 CITY	MAX	95	80	65	72	78	78	72	67	66	72	81	88	76	82	78	87	86	92	83	75	87	81	78	82	85	88	89	84	80	86	86
	MIN	77	65	58	62	67	70	63	60	61	61	67	70	66	67	64	67	74	75	66	68	67	69	68	71	73	76	73	73	70	69	78
COBORN 2 S	MAX	91	92	91	86	89	90	88	85	82	80	85	87	84	84	87	86	90	89	91	88	86	85	90	88	87	85	84	82	83	87	88
	MIN	69	67	66	65	62	73	72	60	55	48	50	56	69	65	60	63	67	69	73	74	60	61	64	63	63	65	67	67	66	64	63
DANVILLE	MAX	95	94	91	82	86	77	83	79	77	82	84	85	83	84	85	90	89	90	92	90	88	89	88	90	88	87	85	86	88	85	
	MIN	68	68	59	49	49	59	62	58	52	44	57	55	64	65	58	65	67	68	72	70	60	63	62	63	65	67	68	69	67	59	
DECATUR	MAX	95	97	90	75	82	80	85	80	79	81	85	86	80	85	88	91	86	92	92	86	90	91	90	88	91	89	88	85	88	87	
	MIN	70	71	61	58	57	64	69	56	50	47	56	61	66	62	60	69	70	68	75	71	60	64	68	67	70	78	69	69	68	66	67
DIXON	MAX	100	96	85	83	81	78	80	82	80	88	91	90	86	83	85	92	89	93	92	85	88	90	88	89	90	89	88	85	87	98	
	MIN	72	72	55	50	57	63	63	54	52	50	59	62	63	63	56	66	71	66	64	65	63	63	64	63	64	68	68	63	62	67	
DU QUIN 2 S	MAX	91	94	90	89	88	93	87	81	80	80	84	87	85	85	89	88	90	92	93	90	86	88	89	90	88	87	89	86	82	89	
	MIN	68	69	66	64	64	73	73	60	54	50	50	56	70	65	63	62	66	67	75	75	62	60	61	64	65	66	69	69	69	63	63
EAST ST LOUIS PARKS COL	MAX	95	98	88	87	86	89	88	85	95	81	85	86	81	89	90	90	93	95	98	94	87	90	90	88	88						

Continued

DAILY TEMPERATURES

ILLINOIS  
JULY 1963

Table with columns: Station, Day Of Month (1-31), and Average. Rows list various Illinois locations such as Hillsboro, Hoopeston, Jacksonville, etc., with their respective temperature data for each day of the month.

See Reference Notes Following Station Index



# DAILY TEMPERATURES

ILLINOIS  
JULY 1963

Continued

Station	Day Of Month																															Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ROBERTS 3 N	MAX MIN	98 69	95 69	86 55	83 48	85 51	80 59	81 67	80 53	78 50	83 46	87 60	86 58	80 64	81 64	84 56	91 61	87 69	91 68	93 68	94 69	85 61	88 63	88 65	88 61	89 65	90 62	85 68	85 69	85 65	87 60	83 63	86.3 61.5	
ROCHELLE 1 W	MAX MIN	98 72	97 69	90 53	70 46	81 50	83 63	75 60	79 50	76 48	74 44	85 59	88 60	87 64	75 62	80 55	82 60	89 68	88 67	91 64	88 65	80 60	82 63	84 63	85 61	84 67	88 66	84 68	87 69	85 60	85 65	86 68	86.1 60.9	
ROCKFORD W8 AIRPORT	MAX MIN	98 71	88 67	70 55	80 50	81 63	79 65	78 60	78 54	78 54	86 60	88 62	87 65	72 65	80 62	82 56	89 65	88 72	81 68	81 66	87 66	84 66	85 65	87 65	85 65	89 67	89 70	88 70	88 69	84 69	85 66	86 60	86.5 63.0	
RUSHVILLE	MAX MIN	98 70	95 72	86 63	63 56	78 56	83 56	86 68	88 56	86 52	88 54	86 54	86 56	86 54	85 56	90 62	86 66	85 67	91 70	88 66	95 63	93 66	88 66	93 67	92 64	91 66	88 67	91 66	88 67	84 68	87 66	88 68	87.7 62.9	
SALEM	MAX MIN	92 69	96 71	88 69	85 59	86 62	85 69	87 69	82 59	80 54	80 49	84 53	87 57	85 63	86 68	89 67	81 65	90 68	90 66	92 67	93 67	91 61	87 61	89 62	90 65	87 65	88 66	87 69	89 70	87 69	89 65	91 64	87.6 64.5	
SPARTA	MAX MIN	95 71	96 71	93 67	93 64	89 64	94 74	89 76	83 64	83 64	86 55	89 50	83 53	86 60	89 56	90 60	88 64	89 68	90 71	92 68	93 69	92 63	88 67	91 63	91 66	86 66	87 69	86 70	83 68	88 65	91 61	89.1 66.6		
SPRINGFIELD W8 AIRPORT	MAX MIN	95 71	96 69	83 56	69 53	77 63	80 69	84 63	78 57	78 52	79 51	83 57	84 63	79 68	83 65	84 62	88 65	87 68	91 70	92 66	83 65	86 61	88 64	88 67	86 64	86 67	86 68	86 69	83 69	83 68	86 63	87 69	86.5 64.6	
STOCKTON	MAX MIN	99 71	91 69	83 54	80 51	79 55	76 62	81 62	81 52	82 54	86 56	88 61	86 61	81 62	80 60	83 57	88 63	88 65	88 68	88 65	87 63	87 65	87 68	83 64	87 62	89 64	89 65	87 67	87 67	83 67	86 62	86 66	85.5 62.0	
SYCAMORE	MAX MIN	98 68	95 70	80 52	81 46	82 52	75 62	79 60	77 50	76 48	87 46	90 59	88 62	72 63	82 62	84 55	88 64	87 69	89 63	90 65	89 61	89 62	88 62	85 64	87 64	88 65	88 67	88 68	85 69	85 61	87 62	87 65	85.4 60.7	
TUSCOLA	MAX MIN	93 68	97 69	93 61	80 56	86 53	82 62	84 63	81 57	78 49	81 45	85 56	85 59	83 66	84 64	88 60	90 64	88 67	90 67	93 74	90 71	88 60	88 63	90 66	90 64	86 64	88 67	87 68	88 68	85 68	87 63	85 62	85 62	86.8 62.8
URBANA	MAX MIN	93 69	95 69	79 57	78 53	85 60	75 62	83 60	79 56	77 53	80 50	84 61	84 62	75 65	84 65	86 63	88 66	87 68	89 68	91 68	82 66	87 63	87 63	87 65	87 69	85 66	88 68	86 68	87 69	84 69	86 64	82 64	84.5 63.7	
VANOALIA FAA AIRPORT	MAX MIN	92 67	98 70	87 62	74 58	81 60	82 71	85 65	78 57	80 51	80 46	83 50	87 52	77 67	85 62	88 62	90 64	91 68	93 64	93 75	85 65	92 60	88 64	86 64	86 64	86 66	87 69	86 69	86 64	87 61	87 65	86.2 62.9		
VIROEN	MAX MIN	95 70	97 72	95 63	84 55	78 61	81 68	85 76	84 68	80 61	84 51	86 57	86 60	80 63	86 63	85 60	89 67	93 66	93 67	94 75	92 72	88 62	88 65	90 65	90 67	89 65	90 64	87 66	89 68	84 69	84 63	88 68	87.4 64.5	
WALNUT	MAX MIN	99 71	97 69	89 56	80 52	79 57	75 63	80 63	80 50	80 53	84 53	87 60	86 62	81 63	82 61	83 56	91 68	91 65	90 69	87 68	86 67	87 63	87 63	87 65	87 65	87 65	87 66	87 68	86 69	83 61	86 65	86.1 62.3		
WATERLOO	MAX MIN	93 73	95 72	88 76	88 64	85 65	88 71	87 71	81 62	80 52	81 56	85 59	85 60	82 70	87 68	89 65	89 69	92 70	92 69	94 72	93 78	85 61	88 68	90 67	90 67	87 67	86 69	89 69	89 70	85 64	89 68	95 70	88.0 67.3	
WATSEKA 2 NW	MAX MIN	97 68	94 68	93 58	81 44	84 48	80 60	78 64	79 53	75 49	82 44	87 60	87 57	84 65	82 60	82 56	89 67	89 68	91 68	91 67	86 59	91 63	86 67	85 64	86 64	85 67	85 69	86 67	86 67	83 69	87 65	86 63	85.8 61.5	
WAUKEGAN 2 WNW	MAX MIN	93 71	89 72	84 52	75 50	82 54	79 59	77 62	70 55	70 51	78 50	82 60	88 64	85 63	81 64	79 59	79 63	86 68	89 70	86 67	78 65	87 65	88 65	87 63	87 63	80 63	79 63	82 63	85 65	85 68	88 71	83 65	86 69	82.3 62.6
WHEATON COLLEGE	MAX MIN	98 70	95 70	87 50	80 49	86 52	79 63	77 65	78 52	74 52	85 48	91 58	88 62	84 63	83 63	83 55	87 59	86 69	92 68	87 65	84 64	88 62	88 62	88 63	88 63	88 65	86 67	87 67	85 68	83 62	86 62	85 66	85.6 61.4	
WHITE HALL 1 E	MAX MIN	93 69	94 72	91 66	82 58	77 61	82 68	85 72	81 59	80 56	81 53	84 54	85 57	77 66	83 67	86 61	88 66	88 66	92 67	94 67	91 73	86 62	89 65	88 66	86 66	87 67	85 67	86 69	85 68	86 67	90 64	86.0 64.7		
WINOSOR	MAX MIN	90 68	96 69	92 57	73 54	85 55	79 62	84 69	79 55	78 48	80 63	85 55	87 65	82 64	84 69	87 61	91 64	89 66	92 66	92 73	89 71	89 58	88 62	88 64	88 60	90 64	89 65	89 66	87 67	87 66	88 60	88 62	86.7 62.8	



# MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1962 - 1963

ILLINOIS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Normals July-June	
ALBION	0	0	56	170	561	1000	1211	970	469	192	84	2	4715		
ALEDO	4	0	115	295	725	1226	1612	1227	696	317	155	9	6381	6073	
ALTON OAM 26	0	0	55	186	603	1051	1354	1054	541	230	91	1	5166		
ANNA 1 E	0	0	51	156	548	955	1171	923	413	192	75	0	4484	4242	
ANTIUCH	12	1	142	309	717	1285	1667	1270	837	439	278	16	6973		
AURORA COLLEGE	8	2	162	315	745	1298	1667	1353	759	403	236	26	6974	6498	
BARRINGTON 1 NW	0	0				1247	1654	1307	792	412	258	38			
BELLEVILLE SCOTT AF BS	0	0	71	198	633	1054	1342	1047	531	281	112	5	5274		
BLOOMINGTON NORMAL	0	0	92	238	643	1159	1506	1197	644	272	133	9	5893	5655	
BROOKPORT OAM 52	0	0	56	154	546	1000	1143	922	427	204	88	0	4540		
CAIRO WB CITY	0	0	30	132	510	910	1134	895	355	149	48	0	4163	3821	
CARBONDALE SEWAGE PLT	2	0	65	162	588			961		207	85	1		4263	
CARLINVILLE	2	0	83	212	632	1087	1383	1081	531	240	98	5	5354	5049	
CARLYLE	0	0	66	168	608	1033	1297	1016	526	241	89				
CHARLESTON	0	0	75	209	624	1133	1383	1118	557	231	111	6	5447		
CHENOA	3	3	144	290	727	1225	1570	1241	676	338	168	20	6405		
CHICAGO O HARE AIRPORT	6	1	179	310	740	1291	1655	1339	776	425	231	59	7062		
CHICAGO UNIVERSITY	1	1	95	260	643	1211	1550	1240	738	412	254	41	6446	6098	
CHICAGO WB AIRPORT	1	1	112	276	674	1234	1600	1277	720	383	225	26	6529	6113	
CHICAGO WB CITY	0	0	86	244	627	1159	1520	1217	720	418	240	31	6262		
COBDEN 2 S	2	0	70	174	589	998	1214	955	425	176	97	1	4701		
DANVILLE	1	2	112	248	676	1200	1435	1214	618	291	151	12	5960	5551	
DECATUR	2	2	81	235	642	1159	1445	1159	598	238	118	5	5682	5269	
OION	6	0	129	292	727	1251	1668	1294	732	352	179	13	6643	6315	
OU QUIN 2 S	3	0	100	169		988	1215	931	444	201	87	2		4347	
EAST ST LOUIS PARKS CO	0	0		181	562		1407	1014	467	159					
EFFINGHAM	0	0	76	198	599	1074	1321	1071	534	214	102	4	5193	5172	
ELIZABETHTOWN	3	0	78	175	588	1044	1188	952	418	206	95	2	4749		
FAIRFIELD RADIO WF1W	2	0	82	182	587	1044	1236	998	509	221	114	4	4979	4493	
FARMER CITY	4	3	114	279	680	1244	1525	1239	676	347	151	15	6277		
FLORA 2 NW	2	0	91	179	608	1056	1279	1033	546	235	107	5	5141	4679	
FREERORT	17	7	201	342	815	1319	1745	1350	804	405	219	29	7253	6910	
FULTON OAM 13	6	0	127	292	745	1254	1664	1310	777	357	179	10	6721		
GALESBURG	4	0	124	317	720	1259	1628	1260	710	345	158	7	6532		
GALVA	3	0	124	299	715	1244	1626	1259	714	331	166	11	6492	6087	
GENESE0	2	0	115	287	737	1222	1629	1272	714	323	153	13	6467		
GOLDEN 1 NW	0	0		209	626	1161	1495	1137	617	250	141	7			
GRIGGSVILLE	3	0	91	239	623	1087	1450	1099	577	219	99	3	5490	5215	
HARRISBURG	0	0	57	156	558	989	1134	921	396	184	82	1	4478	4130	
HAVANA	0	0	93	259	688	1163	1495	1174	610	262	111	3	5858	5557	
HILLSBORO	2	0	97	228	641	1082	1349	1068	533	240	110	4	5354	4992	
HOOPESTON	5	128	284	700	1224	1501	1267	951	491	234	179	18	6334	5711	
JACKSONVILLE	4	0	104	241	662	1132	1443	1158	591	243	121	6	5705	5270	
JERSEYVILLE	3	1	112	189	637	1063	1351	1033	513	210	95	4	5211		
JOLIET	2	1	130	264	692	1240	1599	1283	693	324	192	21	6441		
KANKAKEE 3 SW	2	3	124	278	702	1240	1574	1284	708	345	179	26	6465	5972	
KEWANEE	1	0	106	267	709	1203	1618	1243	698	301	161	10	6317		
LACON	1	103	266	680	1194	1561	1229	968	668	344	179	18	6334	5711	
LA HARPE	3	0	96	271	688	1165	1548	1178	667	344	179	18	6334	5711	
LA SALLE PERU	2	0	116	273	686	1199	1591	1261	684	319	161	16	6045	5777	
LINCOLN	3	0	93	207	675	1191	1511	1193	643	274	141	14	6011	5512	
MAKAOA 1 NW	2	0	53	154	565	966	1174	925	438	201	90	0	4568		
MARENGO	17	5	200	334	803	1334	1744	1364	858	462	266	34	7421		
MARSHALL 1 E	1	0	104	228	642	1133	1337	1111	581	254	129	8	5528		
MASON CITY	5	1	111	266	691	1201	1506	1218	646	292	132	8	6077		
MATTOON	5	6	114	272	671	1170	1432	1174	619	305	143	11	5922		
MC LEANSBORO	0	0	65	172	564	1003	1210	966	447	204	91	3	4725	4321	
MINONK	7	1	148	290	715	1237	1603	1291	700	328	157	14	6491		
MOLINE WB AIRPORT	8	1	149	342	774	1292	1717	1315	734	370	186	15	6903	6378	
MONMOUTH	5	0	115	298	724	1190	1584	1208	691	309	148	13	6285	6013	
MORRIS 5 N	5	5	149	295	733	1266	1651	1347	744	380	206	28	6809	6090	
MORRISON	10	4	133	287	746	1252	1672	1288	747	340	187	20	6686	6300	
MORRISONVILLE 4 SE	1	1	96	235	669	1126	1408	1143	573	271	121	5	5649	5259	
MOUNT CARMEL	0	0	98	217	630	1073	1131	1064	552	257	142	3			
MOUNT CARROLL	12	5	175	332	789	1293	1718	1309	765	379	202	21	7000	6632	
MOUNT VERNON	0	0	64	154	588	1022	1248	989	486	219	99	3	4872	4610	
NASHVILLE 3 NW	2	1	93	177	628	1036	1264	944	484	234	103	2	5010		
NEW BURNSTOE	0	0	73	142	564	995	1167	936	400	202	85	2	4567	4299	
NEWTON	0	0	76	185	595	1067	1279	1038	527	210	100	3	5080		
OLNEY	1	0	100	167	603	1067	1290	1019	539	229	116	7	5138	4633	
OTTAWA	0	0	104	262	675	1205	1590	1259	696	319	161	12	6283	5925	
PALESTINE	0	0	99	204	629	1142	1307	1070	550	242	103	3	5349	4843	
PANA	3	0	97	242	648	1109	1403	1135	566	248	123	6	5580	5148	
PARIS WATERWORKS	3	3	102	238	651	1180	1386	1164	591	269	136	8	5728	5275	
PARK FOREST	4	4	144	300	717	1278	1628	1328	747	399	255	39	6843		
PAW PAW	13	8	185	389	817	1332	1699	1371	832	425	272	38	7381		
PEORIA WB AIRPORT	4	0	137	341	717	1279	1613	1292	723	367	200	14	6687	6025	
PONTIAC	0	1	97	224	654	1182	1533	1235	662	274	133	12	6007	5764	
PRINCEVILLE 1 N	7	3	130	293	721	1219	1590	1263	706	322	171	14	6439		
QUINCY	0	0	70	175	626	1090	1467	1079	541	238	97	2	5385	5185	
QUINCY FAA AIRPORT	3	0	93	274	657	1169	1518	1157	623	279	116	2	5891		
RANTOUL CHANUTE AF BS	5	8	136	290	709	1234	1535	1275	690	342					
ROBERTS 3 M	2	7	131	254	697	1212	1531	1283	688	307	157	21	6290		
ROCHELLE 1 W	16	4	171	372	766	1302	1737	1383	839	399	260	39	7288		
ROCKFORD WB AIRPORT	14	1	179	359	778	1325	1725	1357	819	425	246	34	7242	6830	
RUSHVILLE	0	0	81		669	1136	1531	1148	571	241	116	4		5523	
SALEM	1	0	71	178	599	1060	1284	1032	520	228	107	3	5083		
SPARTA	0	0	54	155	582	979	1234	923	425	204	94	2	4652	4296	
SPRINGFIELD WB AIRPORT	2	2	90	268	653	1186	1486	1198	630	291	126	6	5938	5535	
STOCKTON	23	1	181	362	797	1311	1741	1341	829	395	208	28	7217		
SYCAMORE	15	1	167	332	776	1299	1719	1355	797	424	238	28	7151	6734	
TUSCOLA	0	2	97		648		1187	1427	1183	603	256	121	14	5769	
URBANA	1	2	110	274	664	1186	1497	1220	655	316	146	12	6083	5589	
VANDALIA FAA AIRPORT	3	0	117	252	676	1119	1392	1115	580	307	124	8	5693		
VIRDEN	0	0	75	221	644	1107	1412	1115	564	240	106	6	5490		
WALNUT	3	0	145	302	728	1250	1669	1322	721	368	181	18	6707	6144	
WATERLOO	0	0	47	142	577	968	1245	937	417	183	78	0	4594		

See reference notes following Station Index.

# MONTHLY AND SEASONAL HEATING DEGREE DAYS

CONTINUED

Season of 1962 - 1963

ILLINOIS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Normals July-June
WATSEKA 2 NW	6	4	136	289	705	1235	1565	1289	704	361	198	27	6519	
WAUKEGAN 2 WNW	14	3	161	302	734	1274	1660	1295	836	474	298	41	7092	6667
WHEATON COLLEGE	10	1	146	313	736	1283	1648	1313	768	375	215	18	6827	
WHITE HALL 1 E	1	0	92	232	635	1093	1428	1106	555	247	112	3	5504	5043
WINDSOR	0	1	110	245	681	1146	1424	1159	596	277	139	13	5791	5285

## EVAPORATION AND WIND

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		SPRINGFIELD WB AIRPORT	EVAP	.33	.40	.44	.20	.07	—	.22	.30	.36	.30	.32	.41	.11	.38	.28	.24	.29	.30	.23	.45	.23	.33	.27	.31	.28	.29	.47	.13	.22	
	WIND	63	92	97	73	44	66	64	95	90	33	56	83	112	143	65	92	81	50	108	144	45	43	42	75	55	71	115	92	68	28	61 23.46	
	MAX	101	98	91	83	80	83	82	86	84	91	90	89	82	86	90	96	92	99	95	91	99	93	94	91	91	90	91	84	83	91	90 89.9	
	MIN	73	74	65	61	65	70	74	60	57	58	52	63	68	67	68	70	73	72	77	75	66	70	72	69	69	70	69	70	72	70	70 68.0	
URBANA ENG CAMPUS	EVAP	.36	.14	.37	.32	.17	.31	.03	.18	.25	.30	.28	.30	.30	.21	.26	.29	.26	.22	.23	.39	.31	.24	.29	.23	.28	.26	.23	.21	.16	.31	8.00	
	WIND	29	41	48	53	27	41	21	51	40	40	31	39	47	37	58	42	50	36	39	77	46	27	25	33	49	31	35	45	57	27 127.4		
	MAX	98	91	99	86	78	85	76	89	87	83	89	91	92	72	90	93	97	91	99	95	92	96	97	93	93	96	94	92	89	94 90.7		
	MIN	72	70	63	57	57	60	65	58	57	54	54	62	63	66	66	66	69	70	70	71	67	67	68	68	68	70	71	71	67	67 65.3		

MAX AND MIN IN DAILY EVAPORATION TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

## DAILY SOIL TEMPERATURES

DEPTH	TIME	Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		URBANA	MAX	87	82	85	83	76	79	—	78	79	77	79	80	81	—	79	80	83	81	84	83	—	83	85	83	83	84	83	—	83	
	MIN	75	76	76	73	71	70	—	71	70	68	68	72	73	—	72	73	75	77	77	77	78	—	76	77	77	77	78	77	—	77	76.3	
	MAX	81	79	80	79	75	76	—	75	75	74	75	76	77	—	75	76	79	78	79	80	—	80	81	80	80	80	80	—	80	80	78.1	
	MIN	76	77	77	75	73	73	—	73	72	71	71	73	74	—	75	75	75	77	77	78	—	78	78	78	78	78	78	—	78	78	75.7	

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS 500. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.





REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Observations, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Monthly Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
  - G "Soil Temperature" Table.
  - H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
  - J "Supplemental Data" Table.
- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by an entry.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.







30 18/11: 6012

U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS



AUGUST 1963

Volume 68 No. 8



# CLIMATOLOGICAL DATA

ILLINOIS  
AUGUST 1963

Station	Temperature											Precipitation														
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days					
										90° or Above	32° or Below	32° or Below	32° or Below					Total	Departure From Normal	Greatest Day	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWEST																										
ALEDO	83.5	61.0	72.3	- 1.9	100	2	45	18	12	5	0	0	0	3.63	-.70	2.27	24	.0	0	0	4	2	1			
OIXON	83.9	58.8	71.4	- 2.0	97	2	44	18	10	7	0	0	0	2.37	- 1.28	1.18	28	.0	0	0	5	2	1			
FREESPORT	81.2	58.0	69.6	- 1.8	93	2	43	18	21	3	0	0	0	2.54	- 1.41	.90	28	.0	0	0	6	3	0			
FULTON DAM 13	81.6	61.5	71.6		93	2	46	18	7	3	0	0	0	2.91		.98	25	.0	0	0	6	3	0			
GALVA	82.4	58.9	70.7	- 3.2	96	2	45	18	16	3	0	0	0	2.88	-.33	.72	25	.0	0	0	5	2	2			
GENESEO	83.0	61.5	72.3		97	2	45	18	9	4	0	0	0	3.18		1.40	24	.0	0	0	5	2	2			
HENNEPIN POWER PLANT	83.4	58.5	71.0		97	2	43	18	15	5	0	0	0	2.63		1.27	28	.0	0	0	5	2	1			
KEWANEE	83.3	61.3	72.3		97	2	47	18	9	5	0	0	0	2.62		.88	28	.0	0	0	5	2	0			
MOLINE WB AIRPORT	81.3	60.2	70.8	- 2.8	97	2	44	18	16	3	0	0	0	4.02	-.49	2.25	24	.0	0	0	4	2	2			
MORRISON	83.3	58.5	70.9	- 2.7	95	2	43	18	14	6	0	0	0	1.41	- 2.58	.72	24	.0	0	0	4	1	0			
MOUNT CARROLL	80.3	58.5	69.4	- 2.7	91	2	43	18	23	1	0	0	0	2.18	- 1.46	.72	24	.0	0	0	7	1	0			
PAW PAW	80.1	56.8	68.5		94	3	44	14	35	2	0	0	0	1.75	- 1.85	.56	28	.0	0	0	5	1	0			
ROCHELLE 1 W	81.6	57.0	69.3		94	3	45	14	20	2	0	0	0	1.80	- 1.83	.60	28	.0	0	0	6	1	0			
ROCKFORD WB AIRPORT	81.0	58.5	69.8	- 2.7	94	2	45	18	17	2	0	0	0	1.84	- 2.30	.65	28	.0	0	0	5	1	0			
STOCKTON	81.1	58.8	70.0		91	2	46	18	12	4	0	0	0	2.90		1.53	28	.0	0	0	5	2	1			
WALNUT	83.4M	59.9M	71.7M	- 2.7	96	2	47	14	3	5	0	0	0	4.38	.54	1.93	24	.0	0	0	6	2	2			
DIVISION			70.7	- 2.4										2.69	-.96			.0								
NORTHEAST																										
ANTIOCH	80.5	58.3	69.4		89	21	44	18	17	0	0	0	0	3.07		.86	17	.0	0	0	8	2	0			
AURORA COLLEGE	80.9	57.8	69.4	- 3.0	89	7	44	18	15	0	0	0	0	.66	- 2.81	.40	28	.0	0	0	1	0	0			
BARRINGTON 1 NW	80.0	56.7	68.4		91	3	39	18	31	1	0	0	0	3.12		.97	2	.0	0	0	5	3	0			
CHICAGO O HARE AIRPORT	79.7	57.4	68.6		91	2	42	18	24	1	0	0	0	2.73		1.10	3	.0	0	0	5	2	1			
CHICAGO UNIVERSITY	78.4	62.2	70.3	- 3.1	94	2	53	1	9	1	0	0	0	2.33	-.86	.73	3	.0	0	0	4	3	0			
CHICAGO WB AIRPORT	82.4	62.7	72.6	- 1.8	94	2	49	18	6	3	0	0	0	2.15	- 1.01	.95	2	.0	0	0	4	2	0			
JOLIET	82.9	59.8	71.4		95	2	43	18	10	3	0	0	0	3.63		.42	3	.0	0	0	3	0	0			
MARENGO	81.8	55.1	68.5		95	2	39	18	29	2	0	0	0	3.00		1.61	2	.0	0	0	6	3	1			
MORRIS 5 N	81.3	57.1	69.2	- 4.0	95	2	41	18	15	2	0	0	0	1.58	- 1.48	.58	6	.0	0	0	5	2	0			
OTTAWA	83.3	60.9	72.1	- 2.4	97	2	45	18	10	6	0	0	0	2.00	- 1.53	.59	28	.0	0	0	5	2	0			
PARK FOREST	79.5	59.0	69.3		93	2	44	18	22	1	0	0	0	2.02		1.23	2	.0	0	0	5	1	1			
SYCAMORE	81.1	57.7	69.4	- 2.7	93	2	43	18	19	1	0	0	0	2.17	- 1.70	.72	28	.0	0	0	6	2	0			
WAUKEGAN 2 WNW	78.5	59.7	69.1	- 2.5	88	21+	46	18	22	0	0	0	0	2.40	-.90	.74	2	.0	0	0	7	1	0			
WHEATON COLLEGE	80.8	57.2	69.0		91	2	38	18	28	1	0	0	0	2.77		1.15	1	.0	0	0	5	3	1			
DIVISION			69.8	- 3.3										2.25	- 1.13			.0								
WEST																										
GALESBURG	81.7	60.8	71.3		97	2	50	18	13	4	0	0	0	4.01	-.81	1.93	24	.0	0	0	6	2	2			
GOLDEN 1 NW	84.0	60.9	72.5		95	8+	48	15	8	7	0	0	0	2.64	-.70	1.20	19	.0	0	0	5	2	1			
LA HARPE	83.4	60.5	72.0	- 2.8	100	2	47	18	16	5	0	0	0	3.04	-.75	1.02	19	.0	0	0	5	2	1			
MONMOUTH	82.4	60.1	71.3	- 2.9	96	2	45	18	17	3	0	0	0	5.55	- 2.25	2.77	6	.0	0	0	5	3	2			
QUINCY	86.3	65.2	75.8	- 2.0	103	2	53	15	8	14	0	0	0	2.89	-.99	1.27	12	.0	0	0	4	2	2			
QUINCY FAA AIRPORT	84.0	63.1	73.6		100	2	52	20	11	7	0	0	0	2.93		1.23	12	.0	0	0	5	3	1			
RUSHVILLE	84.7	61.5	73.1	- 2.5	99	2	50	19+	17	9	0	0	0	3.32	-.30	1.00	19	.0	0	0	7	3	1			
DIVISION			72.8	- 2.6										3.48	.01			.0								
CENTRAL																										
BLOOMINGTON NORMAL	82.2	61.1	71.7	- 3.3	95	3+	45	18	15	4	0	0	0	2.84	-.34	1.02	19	.0	0	0	4	2	1			
CHENOA	81.9M	57.5M	69.7M		94	2	37	18	20	3	0	0	0	2.70		.86	28	.0	0	0	4	3	0			
DECATUR	83.2	61.0	72.1	- 3.8	96	2	46	18	15	7	0	0	0	4.50	1.60	2.34	19	.0	0	0	5	3	1			
FARMER CITY	81.1M	56.9M	69.0M		94	2	42	18+	35	2	0	0	0	3.35		.82	19	.0	0	0	7	3	0			
HAVANA	84.4	61.9	73.2	- 2.4	98	2	46	18	10	7	0	0	0	2.83	-.45	1.00	19	.0	0	0	6	2	1			
LINCOLN	83.4	58.2	70.8	- 4.6	97	2	43	18	20	6	0	0	0	3.88	.76	1.30	6	.0	0	0	7	2	2			
MASON CITY	82.6	60.5	71.6		96	2	45	18	14	3	0	0	0	2.00		1.00	19	.0	0	0	4	1	1			
MINONK	82.2	56.6	69.4		96	2	43	18	22	5	0	0	0	2.28	- 1.00	.86	28	.0	0	0	5	2	0			
PEORIA WB AIRPORT	80.9	59.8	70.4	- 3.9	95	2	45	18	22	3	0	0	0	2.99	.11	.93	24	.0	0	0	5	3	0			
PRINCETONVILLE 1 N					95	2								3.00	.35	1.00	25	.0	0	0	4	4	1			
DIVISION			70.9	- 4.3										3.04	-.11			.0								
EAST																										
DANVILLE	81.9	58.2	70.1	- 4.1	92	3	45	18+	18	2	0	0	0	3.27	-.15	1.65	19	.0	0	0	5	3	1			
HOOPESTON	80.5	57.9	69.2	- 5.0	91	2	42	18	26	1	0	0	0	1.81	-.98	.97	19	.0	0	0	4	2	0			
KANKAKEE 3 SW	81.7	56.0	68.9	- 4.5	92	3	39	18	24	2	0	0	0	1.03	- 2.40	.30	19	.0	0	0	5	0	0			
PONTIAC	83.1	60.2	71.7	- 2.5	95	2	45	18	13	4	0	0	0	3.02	-.05	.85	1	.0	0	0	6	3	0			
ROBERTS 3 N	81.0	57.5	69.3		92	2	41	18	21	2	0	0	0	2.90	-.21	.99	19	.0	0	0	6	3	0			
URBANA	81.1	60.0	70.6	- 3.8	92	3+	46	18	20	2	0	0	0	3.55	-.51	1.52	19	.0	0	0	5	3	2			
WATSEKA 2 NW	80.7	56.4	68.6		91	3+	39	18	35	2	0	0	0	2.17	-.89	.92	19	.0	0	0	5	1	0			
DIVISION			69.8	- 4.1										2.54	-.55			.0								
WEST SOUTHWEST																										
ALTON OAM 26	86.0	66.5	76.3		102	2	54	18	7	12	0	0	0	2.74		1.45	19	.0	0	0	4	2				



# CLIMATOLOGICAL DATA

ILLINOIS  
AUGUST 1963

CONTINUED

Station	Temperature											Precipitation															
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max.		Min.						Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	1.0 or More	.50 or More	1.00 or More
										92° or Above	87° to 91°	82° to 86°	77° or Below														
EFFINGHAM	85.9	61.7	73.8	- 1.8	99	3	48	18	9	11	0	0	0	1.75	- 1.55	.65	12	.0	0	.0	0	4	2	0			
FLORA 2 NW	85.0	60.6	72.8	- 3.9	95	3	48	15	7	9	0	0	0	1.53		.76	1	.0	0	.0	0	5	1	0			
MARSHALL 1 E	82.3	58.8	70.6		95	3	46	18	16	1	0	0	0	2.37		.57	19+	.0	0	.0	0	5	2	0			
MATTOON	81.5	60.8	71.2		94	3	46	18	17	4	0	0	0	3.57		1.25	12	.0	0	.0	0	5	3	2			
NEWTON	86.6	61.5	74.1		98	3	48	18	4	13	0	0	0	1.73		.70	13	.0	0	.0	0	4	1	0			
OLNEY	85.7	56.4	71.1	- 5.8	94	6	44	15	10	8	0	0	0	.61		.22	12	.0	0	.0	0	2	0	0			
PALESTINE	86.7	60.4	73.6	- 3.0	99	3	48	18+	6	11	0	0	0	2.10	- .94	1.09	12	.0	0	.0	0	4	2	1			
PARIS WATERWORKS	81.4	60.5	71.0	- 4.5	93	3	46	18	18	2	0	0	0	6.59	- 3.71	2.12	7	.0	0	.0	0	6	5	3			
SALEM	87.2	62.4	74.8		98	3	49	15	2	13	0	0	0	.89	- 2.36	.53	18	.0	0	.0	0	3	1	0			
TUSCOLA	82.5	59.6	71.1		96	3	46	18	14	3	0	0	0	8.37	4.85	2.60	19	.0	0	.0	0	7	5	3			
VANDALIA FAA AIRPORT	84.8	59.2	72.0		99	3	46	15	11	8	0	0	0	1.56		.69	19	.0	0	.0	0	4	1	0			
WINDSOR	83.0	58.7M	70.9M	- 4.3	95	3+	44	18	22	6	0	0	0	5.22	1.76	2.72	12	.0	0	.0	0	4	3	2			
DIVISION			72.3	- 3.5										3.08	- .12			.0									
SOUTHWEST																											
ANNA 1 E	87.4	64.0	75.7	- 1.8	96	28+	52	16+	0	13	0	0	0	1.88	- 2.20	.58	13	.0	0	.0	0	6	1	0			
BELLEVILLE SCOTT AF BS	84.4	63.4	73.9		100	3	51	15	9	8	0	0	0	1.50		.70	18	.0	0	.0	0	4	1	0			
CAIRO WB CITY	88.0	69.0	78.5	- 1.4	98	3	59	15	0	12	0	0	0	4.84	1.74	1.74	10	.0	0	.0	0	6	3	3			
CARBONDALE SEWAGE PLT	88.7	62.5	76.1	- 1.7	100	3	49	15	1	15	0	0	0	1.70	- 2.16	.58	13	.0	0	.0	0	5	2	0			
CARLYLE	87.6	62.5	75.1		101	3	49	15	5	13	0	0	0	1.06		.68	19	.0	0	.0	0	4	0	0			
CARLYLE RESERVOIR	85.7	63.2	74.5		98	4	50	15	7	12	0	0	0	1.18		.55	19	.0	0	.0	0	4	1	0			
COBDEN 2 S	87.5	61.7	74.6		96	9	49	15	0	12	0	0	0	1.33		.54	13	.0	0	.0	0	4	1	0			
DU QUOIN 2 S	86.7	62.7	74.7	- 3.1	97	3	49	15	1	10	0	0	0	5.10	1.46	3.40	9	.0	0	.0	0	6	2	1			
EAST ST LOUIS PARKS CO	88.6		M		100	3	49	15						2.16		.94	18	.0	0	.0	0	4	2	0			
MAKANDA 1 NW	86.9	65.1	76.0		96	9+	51	15	1	12	0	0	0	1.57		.70	12	.0	0	.0	0	5	1	0			
NASHVILLE 3 NW	87.5	62.3	74.9		101	3	43	15	4	12	0	0	0	1.08	- 2.73	.52	17	.0	0	.0	0	3	1	0			
NEW BURNSIDE	88.9	62.8	75.9	- 1.4	98	3	47	15	2	13	0	0	0	1.56	- 2.05	.67	20	.0	0	.0	0	4	1	0			
SPARTA	88.5	64.1	76.3	- 2.2	99	9+	49	15	0	14	0	0	0	2.85	- .85	1.10	13	.0	0	.0	0	6	2	1			
WATERLOO	88.0	66.2	77.1		101	4+	54	15	3	14	0	0	0	2.94	- .41	1.38	19	.0	0	.0	0	4	3	1			
DIVISION			75.6	- 2.2										2.20	- 1.57			.0									
SOUTHEAST																											
ALBION	88.4	63.7	76.1		98	3	50	18	2	15	0	0	0	1.70		.68	29	.0	0	.0	0	4	1	0			
BROOKPORT DAM 52	87.8	62.7	75.3		97	6	52	17+	0	13	0	0	0	3.00	- .30	1.18	13	.0	0	.0	0	5	2	1			
ELIZABETHTOWN	87.2	61.6	74.4		98	3	48	16	1	12	0	0	0	2.57		1.10	10	.0	0	.0	0	5	2	1			
HARRISBURG	91.2	62.2	76.7	- 1.5	102	3	48	16+	1	18	0	0	0	3.20	- .34	2.00	10	.0	0	.0	0	6	1	1			
MC LEANSBORO	89.2	63.3	76.3	- 1.7	101	3	51	15	0	15	0	0	0	1.20	- 2.42	.41	13	.0	0	.0	0	3	0	0			
MOUNT CARMEL	89.3M	61.0M	75.2M		97	9	43	20	9	0	0	0	0	1.18		.72	29	.0	0	.0	0	3	1	0			
MOUNT VERNON	87.4	63.5	75.5	- 2.3	98	3	51	15	0	13	0	0	0	1.41	- 2.42	.73	19	.0	0	.0	0	4	1	0			
DIVISION			75.6	- 2.2										2.04	- 1.51			.0									

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 103° on the 2d at Jerseyville and Quincy

Lowest Temperature: 37° on the 18th at Chenoa

Greatest Total Precipitation: 8.37 inches at Tuscola

Least Total Precipitation: 0.61 inch at Lawrenceville 3 WSW and Olney

Greatest One-Day Precipitation: 3.98 inches on the 6th at Taylorville



# DAILY PRECIPITATION

ILLINOIS  
AUGUST 1963

Station	Total	Day of Month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NEWTON	1.73				.04					.04			.42	.70				.01	.03	.37											.12				
OLNEY	.461				.18							.22						.05	.06	.06											.04				
OTTAWA	2.00					.07	.27		.50	.01										.19						.24	.07			.59	.06				
PALESTINE	2.10						.02	.02	T	T		1.09	T						.10	.09											.53				
PANA	5.25				.25	T	.88	.08	T	.02		2.40							.02	1.80					T					.05					
PARIS WATERWORKS	6.59						.51	2.12				1.50	.27																		.75				
PARK FOREST	2.02		1.23	.03		T	.10	T		T																.12				.35					
PAN PAW	1.75	.04		.05		T	.02	.09		.39	T							.08								.21	.10			.56	.21				
PAYSON	3.38									T			1.02						T		1.83	T			.40	T			T	.13					
PEORIA WB AIRPORT //R	2.99					T	.71					.48								.09	.64				.93	T			.14		T				
PEOTONE	1.53	.45	.05	.30			.11	.03	.10										T		.29									.20					
PETERSBURG	6.72						.20	3.39		.30		.30							.37	2.48						.53									
PLEASANT HILL	5.69						.50	.02		.76		1.17									.33	.02				.02			.53						
PONTIAC	3.02	.85					.06	.65		.17			T								.33	.02			.09	.18			.03	.64					
PRAIRIE DU ROCHER	2.61										.56		1.16								.02	.01	.72												
PRINCEVILLE I N	3.00					T	.65		.05												.64					1.00			.66	.09					
QUINCY	2.89						T					1.27								.13	1.07				.33										
QUINCY FAA AIRPORT	2.93			T		T	T					1.23							T		.57	.75			.28				.10		T				
QUINCY OAM 21	3.09											1.23									1.37	.02			.43				.02	.02					
QUINCY MEMORIAL BRIDGE	2.89	T			T	T	T					1.28							T		1.21	T			.30	.05			T	.05					
REO 8UD	2.05											.11	.63								.82	.41				.08									
ROBERTS 3 N	2.90					T	.54	.30	.12	T		.15									.99				.09				.71						
ROCHELLE 1 W	1.80			.26			.01	.07		.07		.02			.15					.14	.99				.15	.30	.04		.60	.05					
ROCKFORD 6 ENE	3.50		1.04	1.16			.01	.30	.20		.07								.11		.14		.01			.17			.74						
ROCKFORD WB AIRPORT //R	1.84		.08	.20			.02	.30		T		.07							.03	T						.26		.23	.65						
ROCKPORT	4.73						.43		.30			1.30									.20	2.10				.40									
RUSHVILLE	3.32						.40	.40				.50									.10	1.00				.75									
SAINTE MARIE	1.97	.48			.06					T			.87								.23	.07							.17		.26				
SALEM	.89									T	.01	.17									.53	.15							T		.54				
SHAMNEETOWN NEW TOWN	1.23										.28	.02	.13								.03	.53	.15			.26									
SIDELL	6.40	.84					.25	.65				.49									2.57	.56							1.04						
SPARTA	2.85											1.10								.09	.03	.37				.01				.22					
SPRINGFIELD WB AIRPORT R	5.46						.79	.28		.10	.69	T	.21	1.72					T		.09	.03	.37			.32			.41		T				
STOCKTON	2.90		T	.72			T	.02				.20							.15		.36	1.48				.28			1.53						
STREATOR 3 N	3.05						.01	.22		.32					.40											1.20				.90					
SYCAMORE	2.17		.32	.50			.15	.10											.05							.33			.72						
TAYLORVILLE	7.47						3.98				.08		1.33							T		1.80	.18			.10	T		T						
TISKILWA	3.03						.24	.41												T	T	.16				.88									
TOULON	2.89						.03	.51		.14												.35				.76									
TUSCOLA	8.37	.49					.54	1.45	T	.17			2.11							T	T	2.60	.90			.03	.03	1.34	1.05		.02				
URBANA	3.55						.56		.16	T		.26								T	T	1.52				.03			1.02		T				
UTICA STARVED ROCK DAM	1.70	.10					.06	T			T										.22					.22	.12		.77	.21					
VANDALIA FAA AIRPORT	1.56								.13	.09		.35								.07	.23	.69							T						
VIRDEN	4.67						.29	.09	.15			1.77									T	2.15							T						
VIRGINIA	3.69						.23	.15	.06			.84									T	1.60					.77			.04					
WALNUT	4.38			.30			.30	.20	.31	T			T							T						1.93			1.34	T					
WATERLOO	2.94										.05		.57									1.38	.15												
WATSEKA 2 NW	2.17						.18	.06	.27			.07	.01									.92							.42						
WAUKEGAN 2 WNW	2.40	.06	.74	.21			.01	.17		.01		.03	.08						.24	.35						.12		T	.38						
WAYNE CITY	3.83	.85											.07								.46	.76	.05				T				1.64				
WHEATON COLLEGE	2.77	1.15	.69	.51		T	.02				.40	T							.12	T									.28						
WHITE HALL 1 E	3.57											.66	T								.05	2.15													
WILCOX	1.47	.88										.12										.10	.17	.10			.28	.03							
WINDSOR	5.22					T	.19	.01	.67			2.72									.03	1.60					T		T	.10					

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALBION	MAX MIN	90 67	94 64	98 76	94 71	92 64	95 68	93 74	95 74	92 72	91 69	93 68	86 66	86 68	77 53	81 52	85 54	83 62	75 50	75 58	81 63	86 56	88 61	92 68	88 68	88 72	88 62	90 58	97 60	94 70	89 61	84 57	88.4 63.7
ALEDO	MAX MIN	90 64	100 68	95 76	87 68	85 68	82 68	89 70	87 68	81 84	87 58	83 89	83 83	80 61	76 49	80 52	86 61	83 59	66 45	74 55	83 60	87 55	87 65	92 64	84 68	74 61	78 52	77 65	85 65	83 61	76 58	77 55	83.5 61.0
ALTON DAM 26	MAX MIN	94 74	102 75	98 78	90 71	94 72	96 74	91 74	96 73	95 71	85 68	90 69	83 71	79 66	75 62	82 58	87 62	80 62	64 54	70 58	81 59	85 60	86 61	94 66	84 62	81 69	82 62	85 62	91 69	84 63	83 64	79 60	86.0 66.5
ANNA 1 E	MAX MIN	94 70	95 68	96 74	94 73	94 73	94 66	92 75	94 68	94 68	95 68	86 68	90 63	80 67	79 68	80 56	83 52	86 61	82 60	81 61	74 60	81 54	87 55	91 59	80 66	89 70	85 64	90 65	96 64	85 69	89 60	84 56	87.4 64.0
ANTIOCH	MAX MIN	88 62	88 61	87 68	86 63	76 63	78 65	88 65	84 65	77 65	83 61	87 56	82 64	77 60	75 47	80 52	81 55	72 56	72 44	78 53	86 54	89 62	84 65	86 61	75 61	86 68	69 53	78 61	77 58	76 60	84 54	78 48	80.5 58.3
AURORA COLLEGE	MAX MIN	87 62	88 61	87 67	85 60	78 60	81 65	89 65	85 62	80 66	85 55	82 60	82 60	80 59	74 48	80 50	81 52	72 56	71 44	75 57	83 52	86 59	84 61	88 64	80 61	75 62	78 52	82 62	84 61	78 59	76 53	80.9 57.8	
BARRINGTON 1 NW	MAX MIN	84 59	87 62	91 68	83 64	82 65	76 65	84 65	83 59	84 63	80 53	81 60	82 59	82 60	71 45	75 51	79 52	79 52	69 45	74 52	82 60	84 62	83 58	85 61	85 61	72 57	75 48	75 60	76 60	81 54	81 48	75 48	80.0 56.7
BELLEVILLE SCOTT AF BSE	MAX MIN	89 69	97 72	100 73	89 69	92 66	91 69	92 70	90 70	94 69	85 65	88 66	79 66	82 56	76 51	78 52	83 55	80 60	61 55	68 64	76 64	81 55	82 60	88 65	83 61	82 65	82 70	82 65	84 66	84 65	87 59	85 55	84.4 63.4
BLOOMINGTON NORMAL	MAX MIN	86 64	95 67	95 72	89 69	84 65	81 69	81 69	91 66	90 60	80 60	84 60	83 67	74 63	73 51	78 52	80 59	80 61	68 45	67 55	81 60	83 60	84 63	87 69	85 62	76 53	78 62	81 56	84 62	83 57	82 56	82 56	82.2 61.1
BROOKPORT DAM 52	MAX MIN	92 73	95 67	95 68	94 74	94 66	97 68	92 69	94 65	96 65	85 65	90 66	85 66	85 67	76 55	78 52	83 52	87 53	82 49	82 64	80 64	83 55	83 59	92 60	85 66	91 66	84 62	88 63	87 63	87 57	83 57	83 57	87.8 62.7
CAIRO WB CITY	MAX MIN	94 74	97 76	98 77	94 76	95 71	97 74	93 77	94 73	97 73	81 69	90 69	85 72	86 66	78 61	80 59	83 60	89 66	83 64	84 67	77 62	81 60	88 65	90 67	85 73	83 69	87 74	88 69	83 72	82 73	88 69	84 63	88.0 69.0
CARBONDALE SEWAGE PLANT	MAX MIN	92 69	95 68	100 74	95 63	93 67	97 67	92 66	95 69	97 70	89 65	91 66	88 67	85 71	79 54	79 50	85 50	84 62	84 60	75 62	85 54	82 58	88 61	93 70	90 62	85 58	88 63	90 67	84 63	88 57	84 53	84 53	88.7 63.5
CARLINVILLE	MAX MIN	91 68	100 70	96 74	89 61	92 65	94 68	90 66	94 68	90 65	90 65	84 66	77 66	76 55	81 49	81 52	86 52	81 66	75 50	81 52	84 53	84 55	90 60	86 60	86 70	83 68	81 55	85 65	87 64	83 54	83 54	89 61	86.1 61.1
CARLYLE	MAX MIN	92 69	98 69	101 74	93 69	93 64	93 70	92 74	96 69	86 72	86 65	92 61	93 69	82 57	81 49	83 49	80 54	80 65	72 53	69 59	80 55	81 55	85 60	87 68	92 68	85 55	88 60	88 57	96 63	85 56	89 54	84 54	87.6 62.5
CARLYLE RESERVOIR	MAX MIN	91 67	91 70	97 74	88 68	91 63	91 67	93 62	92 68	94 71	87 68	80 64	79 68	81 57	76 50	79 51	79 55	85 62	82 53	66 58	70 60	77 58	82 60	84 68	84 68	86 58	89 64	83 58	85 62	90 57	85 59	80 57	85.7 63.2
CHARLESTON	MAX MIN	88 68	92 66	95 77	87 67	89 67	88 69	89 62	90 68	84 65	85 64	83 66	76 66	74 52	77 51	77 50	80 56	77 67	69 47	66 58	81 61	84 58	87 62	83 69	84 67	79 63	79 65	88 65	88 65	88 57	84 62	87 54	83.1 62.1
CHENOA	MAX MIN	86 64	94 61	93 62	90 62	82 68	88 65	88 62	82 66	84 66	80 65	80 62	73 67	75 48	79 50	79 53	81 53	73 37	66 55	80 51	84 59	83 57	87 60	83 57	87 57	90 50	81 51	84 62	83 61	80 56	74 53	81.9 57.5	
CHICAGO O HARE AIRPORT	MAX MIN	85 62	91 64	85 65	83 65	75 68	84 66	85 66	85 60	75 56	80 56	83 59	83 57	72 48	78 50	78 50	81 51	69 46	69 42	74 54	83 62	87 65	85 60	89 66	87 66	89 60	73 51	76 50	85 64	80 59	79 55	79 54	79.7 57.4
CHICAGO UNIVERSITY	MAX MIN	80 68	94 63	88 70	78 67	77 66	78 66	83 66	76 66	80 66	83 66	76 63	81 62	71 63	69 56	78 56	80 59	69 53	69 53	70 59	83 65	85 68	85 66	89 66	75 63	72 58	79 62	81 58	82 65	74 59	73 57	78.4 62.2	
CHICAGO WB AIRPORT	MAX MIN	88 67	94 66	90 72	86 68	78 69	80 70	88 65	88 65	80 64	82 61	86 64	85 60	75 55	74 54	81 54	84 59	74 49	71 48	75 58	86 60	89 58	87 66	90 66	79 64	75 60	83 60	87 65	81 61	87 57	79 57	82.4 62.7	
COBDEN 2 S	MAX MIN	93 70	94 66	95 72	92 71	93 63	94 64	92 71	93 65	96 65	85 67	88 62	85 68	89 68	79 53	80 49	82 50	84 58	83 58	79 61	76 60	81 50	85 63	90 63	86 58	90 65	86 58	95 61	87 68	88 59	85 53	87.5 61.7	
DANVILLE	MAX MIN	85 64	91 68	92 76	87 60	87 60	82 67	88 60	89 62	85 60	85 62	82 59	74 64	78 48	78 50	78 50	80 50	77 63	67 45	67 56	80 55	84 55	84 66	82 66	82 66	82 52	82 52	82 56	82 56	82 53	82 52	81.9 58.2	
DECATUR	MAX MIN	90 65	96 67	94 73	90 69	89 67	86 68	90 65	90 65	85 63	87 64	79 68	76 64	76 51	79 50	79 50	81 57	77 65	66 49	65 54	81 55	84 55	85 60	88 69	81 66	79 66	80 63	85 63	85 55	82 52	85 52	83.2 61.0	
DIXON	MAX MIN	90 64	97 67	90 69	87 61	82 61	83 67	92 65	82 67	88 66	87 65	88 66	84 65	78 49	77 50	80 50	85 56	78 55	70 44	80 53	87 60	84 53	87 60	77 59	84 63	77 59	79 61	79 60	82 61	80 56	77 52	83.9 58.8	
DU QUOIN 2 S	MAX MIN	91 68	93 68	97 74	89 64	91 64	95 67	92 65	92 68	88 68	89 66	89 65	82 65	78 54	78 49	79 50	82 52	84 61	76 56	77 62	83 51	85 60	90 66	87 66	87 62	86 60	86 54	95 61	86 63	85 58	84 55	86.7 62.7	
EAST ST LOUIS PARKS COL	MAX MIN	95 62	94 67	100 74	95 65	95 69	95 70	96 71	96 70	96 71	90 65	90 66	84 66	84 64	84 59	84 49	85 59	85 59	78 48	73 57	82 50	83 57	85 60	95 66	91 60	90 58	88 60	90 60	88 58	89 59	84 59	88.6 59	
EFFINGHAM	MAX MIN	90 66	95 67	99 74	91 65	96 66	91 69	94 70	93 65	87 67	89 63	83 65	79 68	75 51	79 50	79 50	84 54	89 64	71 48	69 57	83 56	85 58	90 67	86 67	81 68	83 65	86 57	93 62	89 67	85 56	80 53	85.9 61.7	
ELIZABETHTOWN	MAX MIN	91 67	95 60	98 70	93 62	93 64	97 63	93 63	92 63	86 67	89 64	85 65	85 69	78 53	77 50	77 50	82 48	84 57	81 58	75 63	82 62	86 55	90 62	86 62	90 68	83 65	82 59	86 65	96 62	89 61	86 53	82 53	87.2 61.6
FARMER CITY	MAX MIN	86 64	94 62	90 73	87 67	85 64	80 68	88 61	86 64	83 60	85 63	80 62	72 42	74 45	77 45	77 45	81 54	76 45	67 42	65 48	81 53	83 58	86 67	80 62	78 50	81 62	85 60	83 53	81 54	75 49	75 49	81.1 56.9	
FLORA 2 NW	MAX MIN	88 66	92 63	95 69	88 63	92 67	89 72	89 64	90 68	87 67	81 63	81 62	80 71	76 51	78 48	78 48	82 49	82 61	72 49	75 59	77 60	84 51	85 60	93 65	83 59	86 54	92 59	90 64	86 55	81 52	85.0 60.6		
FREEPORT	MAX MIN	89 59	93 66	87 67	80 66	82 66	88 65	80 65	87 65	82 65	83 66	84 62	76 45	74 46	77 46	77 46	85 55	75 54	68 43	77 52	86 60	84 58	90 66	82 66	75 58	77 65	78 62	81 61	81 57	76 50	81.2 58.0		
FULTON OAM 13	MAX MIN	89 67	93 64	86 73	86 68	79 67	83 69	90 68	90 67	83 61	83 61	87 65	83 64	78 56	78 55																		



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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HILLSBORO	MAX 90	98	97	88	90	93	90	93	93	83	88	84	78	75	78	85	79	72	67	78	81	83	89	85	80	80	83	92	85	84	77	84.5
	MIN 67	68	74	64	64	69	72	67	68	67	63	67	67	55	48	55	65	50	58	52	54	55	59	69	68	56	57	63	66	56	53	61.8
HOOPESTON	MAX 84	91	89	87	83	80	88	86	85	85	85	83	72	74	78	79	71	70	64	80	84	83	85	81	77	77	82	81	82	78	73	80.5
	MIN 64	59	74	60	63	67	67	62	65	65	60	65	62	65	47	45	52	49	42	55	52	57	57	58	67	59	49	51	58	62	57	57.9
JACKSONVILLE	MAX 87	97	95	87	87	86	88	93	90	81	87	84	78	75	78	85	81	71	66	79	81	83	89	85	80	78	82	87	87	81	78	83.4
	MIN 68	70	72	60	64	69	68	67	69	63	59	66	65	56	50	57	66	50	58	50	54	56	67	68	68	55	55	64	64	57	55	61.6
JERSEYVILLE	MAX 93	103	102	91	94	95	95	95	95	84	88	85	82	77	79	84	85	78	69	79	84	84	91	90	88	80	85	91	89	84	83	87.2
	MIN 67	73	70	63	68	71	70	68	69	66	63	69	67	58	49	59	68	53	57	54	53	54	64	71	69	57	55	68	65	55	52	62.7
JOLIET	MAX 87	95	93	86	85	81	89	88	84	84	83	83	80	75	80	83	76	71	72	84	85	85	90	87	76	77	83	83	85	82	78	82.9
	MIN 87	64	64	73	62	65	66	67	62	65	57	59	63	64	51	54	58	43	57	54	62	59	61	67	61	52	54	62	63	57	56	59.8
KANKAKEE 3 SW	MAX 85	91	92	86	86	81	88	86	84	84	83	83	77	72	79	80	77	71	67	81	85	84	87	86	76	78	81	81	84	82	76	81.7
	MIN 61	59	72	57	60	64	62	60	64	54	54	56	63	47	44	47	58	39	57	49	55	56	55	67	60	52	51	61	56	52	50	56.0
KEWANEE	MAX 88	97	97	87	85	84	89	91	90	82	87	84	78	75	78	84	81	71	73	83	85	85	92	87	77	78	77	77	83	82	75	83.3
	MIN 65	67	77	66	67	68	68	68	70	69	58	60	65	62	51	53	57	58	47	55	55	61	64	69	67	61	54	55	62	60	55	61.3
LA HARPE	MAX 90	100	95	87	84	81	95	93	89	80	87	83	80	76	79	88	73	63	65	82	83	85	89	85	78	79	80	88	85	81	77	83.4
	MIN 64	71	73	63	63	68	65	68	70	60	59	62	62	53	49	60	60	47	54	50	57	58	62	69	62	55	57	66	61	56	52	60.5
LINCOLN	MAX 91	97	91	91	88	86	90	92	89	88	80	78	74	77	81	83	78	67	66	82	84	85	89	81	81	81	83	88	86	81	76	83.4
	MIN 64	65	70	63	64	66	65	63	66	62	59	63	58	48	45	53	54	43	53	50	56	57	64	66	63	51	53	62	60	53	52	58.2
MAKANOA 1 NW	MAX 91	94	96	90	93	94	92	93	96	87	88	86	82	76	77	82	83	78	79	72	81	86	91	89	88	84	90	95	89	87	85	86.9
	MIN 71	72	76	75	72	75	68	71	68	66	69	63	55	51	59	63	59	61	62	55	60	66	70	71	64	60	68	70	60	56	65.1	
MARENGO	MAX 88	93	86	85	79	80	87	89	85	84	84	85	77	72	80	83	72	70	76	87	88	85	91	84	72	79	79	83	78	77	81.8	
	MIN 59	60	65	58	60	61	63	58	62	51	54	56	59	43	48	49	50	39	48	49	58	57	62	63	53	48	50	60	60	55	51	55.1
MARSHALL 1 E	MAX 86	89	95	89	88	89	87	86	89	84	86	83	76	73	75	79	79	70	69	76	82	84	86	81	80	80	84	83	82	83	78	82.3
	MIN 67	58	73	64	60	66	69	60	63	66	59	58	67	50	47	49	61	46	59	59	53	53	54	64	66	53	52	55	66	54	51	58.8
MASON CITY	MAX 87	96	94	87	87	84	88	91	87	83	87	83	77	77	79	85	77	68	66	79	80	83	87	84	79	78	82	88	85	81	73	82.6
	MIN 64	67	72	59	66	69	67	66	67	61	59	65	63	52	51	56	63	45	55	52	56	59	62	69	65	56	67	65	55	53	60.5	
MATTOON	MAX 86	92	94	85	87	90	87	90	88	82	84	81	75	73	76	80	75	67	65	77	81	83	86	82	75	78	83	89	80	81	75	81.5
	MIN 65	63	75	65	65	67	69	63	68	65	63	63	68	53	50	56	54	46	57	56	61	59	58	68	63	52	56	62	66	56	53	60.8
MC LEANSBORO	MAX 92	98	101	96	92	99	92	95	97	89	92	85	85	78	80	87	86	76	78	78	84	90	96	87	89	86	90	99	93	89	85	89.2
	MIN 66	63	74	73	64	68	75	70	70	65	64	71	55	51	52	61	53	59	63	52	55	58	66	72	62	60	62	62	60	52	56	63.3
MINONK	MAX 88	96	91	88	80	82	90	92	83	84	85	77	75	76	77	85	73	68	68	84	87	87	92	78	78	79	80	85	84	80	76	82.2
	MIN 60	60	69	61	64	66	65	62	63	54	55	60	58	46	45	51	58	43	53	48	54	55	58	64	59	50	52	60	58	52	51	56.6
MOLINE WB AIRPORT	MAX 88	97	85	86	76	82	89	92	77	81	86	82	76	75	79	85	72	66	76	84	86	87	91	76	76	78	77	83	82	76	75	81.3
	MIN 63	70	68	61	70	69	66	68	65	59	58	69	61	51	51	61	52	44	57	55	58	58	65	64	59	53	58	64	61	56	53	60.2
MONMOUTH	MAX 88	96	87	88	80	79	90	92	87	83	85	82	79	75	77	85	83	68	70	82	83	85	89	84	75	78	79	87	84	79	75	82.4
	MIN 61	67	76	60	64	67	65	68	70	57	56	65	61	48	49	57	58	45	53	54	62	58	64	73	63	51	54	65	62	59	53	60.1
MORRIS 5 N	MAX 87	95	88	87	78	82	89	87	80	84	82	84	72	73	79	83	73	70	72	83	85	84	90	79	75	78	82	83	85	76	75	81.3
	MIN 63	59	71	58	61	65	67	60	62	55	62	60	60	48	49	50	57	41	57	49	58	56	58	65	62	51	50	60	58	54	53	57.1
MORRISON	MAX 89	95	93	85	85	82	88	90	90	82	85	85	82	75	78	84	79	72	77	83	85	85	91	90	78	78	78	82	82	80	75	83.3
	MIN 59	65	71	59	65	64	64	67	64	57	57	63	61	46	48	53	57	43	52	54	57	55	59	65	60	56	54	62	68	56	52	58.5
MORRISONVILLE 4 SE	MAX 87	96	93	87	90	94	91	89	82	87	81	76	75	78	84	84	76	69	66	78	83	84	88	85	78	78	81	90	82	82	77	82.9
	MIN 66	65	72	66	62	68	71	64	66	64	63	64	65	53	48	54	64	48	57	51	54	54	59	67	67	54	54	61	64	54	51	60.3
MOUNT CARMEL	MAX 90	90	86	95	95	96	95	96	97	94	95	93	90	89	90	80	72	80	80	88	89	91	85	86	88	86	88	88	86	87	87	89.3
	MIN 63	60	62	65	66	67	68	69	68	67	66	65	54	54	54	48	43	52	53	57	60	61	65	69	64	62	58	55	66	61	59	61.0
MOUNT CARROLL	MAX 85	91	89	81	81	80	86	88	87	81	81	81	78	73	75	82	77	69	75	82	83	83	88	82	74	75	75	78	79	75	74	80.3
	MIN 61	69	70	61	68	68	65	67	65	54	58	65	62	47	47	54	55	43	50	52	60	56	61	63	58	52	55	62	60	56	51	58.5
MOUNT VERNON	MAX 90	95	98	94	90	94	91	94	95	87	91	86	83	75	80	85	85	76	73	78	83	85	91	88	86	85	88	92	80	88	88	87.4
	MIN 68	67	74	72	65	65	74	70	69	69	66	66	71	55	51	52	63	54	58	58	53	56	59	68	71	60	60	64	72	62	57	63.5
NASHVILLE 3 NW	MAX 92	96	101	94	91	95	93	94	97	87	91	88	84	80	81	84	85	77	71	78	81	84	90	87	88	85	86	97	86	88	82	87.5
	MIN 66	70																														

# DAILY TEMPERATURES

ILLINOIS  
AUGUST 1963

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ROBERTS 3 N	MAX	87	92	90	86	82	80	87	87	84	83	85	83	71	74	76	81	70	70	66	80	85	84	86	83	77	78	82	82	81	81	79	
	MIN	64	60	70	60	63	67	64	61	62	59	56	60	63	48	47	53	59	41	55	51	58	56	57	67	77	49	50	53	59	55		
ROCHELLE 1 W	MAX	87	89	94	89	84	77	82	88	89	79	83	84	83	76	73	79	82	68	69	82	85	86	85	91	77	74	77	78	80	83		
	MIN	60	62	69	63	58	66	68	64	64	49	56	62	62	45	49	51	54	54	53	50	54	56	59	63	58	52	52	55	57	54		
ROCKFORD WB AIRPORT	MAX	89	94	84	85	77	81	87	89	80	82	84	85	72	72	78	83	70	70	78	86	87	85	93	72	75	79	78	80	83			
	MIN	62	64	68	61	67	66	68	64	59	56	61	63	58	48	51	56	51	45	54	53	61	59	62	61	57	53	54	63	60			
RUSHVILLE	MAX	90	99	87	88	85	86	91	93	90	90	91	89	80	78	80	87	84	62	66	82	84	83	90	88	87	81	83	90	85			
	MIN	72	74	72	68	66	68	68	68	71	70	60	61	59	54	56	60	62	50	50	55	60	61	66	69	62	56	54	56	54	51		
SALEM	MAX	92	95	98	96	91	95	92	94	96	87	90	87	82	78	81	85	83	74	71	78	83	86	91	88	84	85	86	95	90			
	MIN	65	66	73	70	65	69	73	68	70	68	65	66	71	52	49	53	66	52	59	60	54	57	58	60	71	59	59	63	64			
SPARTA	MAX	93	96	99	95	94	99	95	95	99	87	91	88	84	79	80	84	82	76	73	79	83	85	92	90	88	87	88	98	92			
	MIN	70	71	74	71	66	68	73	68	72	68	66	70	71	58	59	55	61	56	57	62	53	58	64	70	71	61	58	65	68			
SPRINGFIELD WB AIRPORT	MAX	86	93	89	85	85	84	87	89	87	81	85	75	74	73	76	82	74	65	66	78	81	82	86	84	77	78	83	86	82			
	MIN	63	71	69	60	65	70	67	65	67	64	60	67	61	55	51	60	54	49	54	50	54	58	61	70	61	55	56	64	60			
STOCKTON	MAX	90	91	86	82	79	81	90	90	85	85	83	83	72	76	77	80	72	71	78	85	84	85	88	80	76	80	78	77	79			
	MIN	62	67	67	60	66	66	64	66	66	63	64	60	60	47	52	56	53	46	51	54	60	61	62	61	55	51	55	60	59			
SYCAMORE	MAX	89	93	86	85	81	80	88	86	78	84	83	76	73	78	81	73	69	77	85	47	83	89	80	80	78	77	78	84	76			
	MIN	59	62	67	60	65	66	65	62	65	54	60	60	61	45	51	55	53	43	55	53	62	60	60	63	57	52	52	62	56			
TUSCOLA	MAX	88	93	96	89	87	85	89	89	90	84	86	83	75	74	77	80	78	70	65	80	83	83	86	83	79	79	82	83	83			
	MIN	66	61	73	61	62	62	67	62	65	61	66	61	65	55	48	58	64	46	57	53	56	57	57	69	64	53	56	59	63			
URBANA	MAX	86	92	92	87	85	80	89	87	88	84	86	82	73	74	77	80	71	68	64	80	82	83	86	80	78	78	81	83	80			
	MIN	66	64	70	65	65	66	68	66	66	61	63	65	57	52	51	55	50	46	56	54	59	60	60	69	59	53	56	60	64			
VANDALIA FAA AIRPORT	MAX	89	98	99	89	89	93	91	95	94	84	89	79	78	75	79	84	79	66	69	77	82	86	90	84	80	84	94	84	89			
	MIN	63	64	73	64	61	69	71	64	67	66	62	63	57	52	46	51	56	50	58	56	53	53	57	65	61	57	54	59	60			
VIROEN	MAX	90	97	97	89	88	89	90	93	92	84	88	83	77	75	80	84	82	71	69	79	82	84	88	85	83	78	83	92	88			
	MIN	67	69	73	61	67	69	70	68	68	64	64	67	65	55	52	56	65	48	57	52	58	57	62	69	68	55	55	61	64			
WALNUT	MAX	89	96	94	84	81	82	90	90	88	85	85	81	79	76	79	86	75	79	84	85	84	84	92	84	77	84	76	83	83			
	MIN	61	66	71	61	67	67	65	65	66	59	59	64	60	47	52	56	58	53	55	62	61	62	65	61	62	65	61	60	56			
WATERLOO	MAX	95	100	101	101	96	95	92	94	95	87	90	87	84	78	81	85	84	78	67	78	82	84	91	90	84	84	87	95	91			
	MIN	74	74	76	73	69	70	74	71	74	68	67	71	72	60	54	60	61	55	57	61	60	60	65	71	71	63	61	68	69			
WATSEKA 2 NW	MAX	85	91	91	87	81	80	89	85	83	82	83	82	78	72	76	80	75	70	65	80	83	82	85	82	81	76	79	81	83			
	MIN	65	59	72	58	65	67	66	59	63	58	56	58	56	46	44	51	42	39	55	51	55	56	57	67	59	49	51	61	57			
WAUKEGAN 2 WNW	MAX	82	88	86	82	76	78	82	82	75	75	80	83	79	69	80	80	71	66	61	82	88	84	87	84	68	73	76	76	82			
	MIN	63	62	69	64	63	66	68	61	67	65	62	63	62	49	54	56	54	46	55	55	65	64	63	63	62	54	56	62	60			
WHEATON COLLEGE	MAX	86	91	88	85	78	76	87	84	82	81	83	83	78	73	78	80	69	68	74	89	86	84	88	87	73	77	78	79	84			
	MIN	60	62	68	61	64	65	65	61	66	54	60	60	61	48	52	54	53	38	44	53	60	60	61	63	59	52	53	53	58			
WHITE HALL 1 E	MAX	88	96	95	87	88	90	88	92	92	83	87	82	77	74	77	83	80	70	67	78	81	82	88	84	83	77	82	89	86			
	MIN	70	70	72	62	66	70	70	67	68	66	63	67	66	59	50	56	65	54	58	52	55	56	61	70	68	58	58	66	65			
WINDSOR	MAX	88	95	95	88	90	90	89	91	89	84	86	81	75	74	76	82	81	67	65	78	84	84	87	83	78	79	83	90	82			
	MIN	64	62	72	60	64	66	67	62	65	63	61	62	65	49	47	52	54	44	56	53	56	57	65	66	50	51	58	65	56			

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 AM CST	NOON CST	6:00 PM CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
CAIRO WB CITY	N±	-	6.0	33	W±	12	-	-	-	-	1	2	3	0	3	0	9	76	4.8
CHICAGO O HARE AIRPORT	SSE	16	7.5	23++	N	13+	80	82	57	60	9	2	3	1	1	0	16	-	6.3
CHICAGO MIDWAY AIRPORT	SW	14	8.2	37	NW	2	80	82	58	60	9	2	2	2	0	0	15	53	6.3
MOLINE WB AIRPORT	WSW	9	7.2	38	NW	28	87	90	60	61	9	1	2	0	1	1	14	62	6.3
PEORIA WB AIRPORT	S	12	7.4	24	SE	28	84	91	61	61	5	1	2	3	0	0	11	65	6.2
ROCKFORD WB AIRPORT	SSW	11	7.4	24++	N	2	81	86	53	53	3	4	4	1	0	0	12	-	5.8
SPRINGFIELD WB AIRPORT	N	8	6.5	25	N	9	88	90	68	71	2	0	5	1	2	0	10	79	5.9

± TO 8 COMPASS POINTS ONLY

# DAILY SOIL TEMPERATURES

ILLINOIS  
AUGUST 1963

DEPTH	TIME	Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA 4 INCHES	6AM	76	75	79	-	77	77	76	77	75	75	-	76	74	68	68	69	72	-	67	65	69	71	72	75	-	71	70	72	72	71	70	72.6
	MAX MIN	79 76	83 75	84 75	- -	85 77	80 77	78 76	84 76	80 75	81 75	- -	82 75	77 74	75 68	75 68	74 68	76 69	- -	72 66	67 65	72 65	76 69	77 77	77 71	- -	76 71	75 70	76 70	74 70	76 71	76 70	77.3 71.6
8 INCHES	6AM	77	77	79	-	78	77	77	77	77	77	-	77	76	72	72	72	72	-	69	68	69	71	73	74	-	72	71	72	72	72	72	73.8
	MAX MIN	78 77	79 77	79 77	- -	80 78	78 77	78 77	80 77	78 77	78 76	- -	78 76	77 76	76 72	73 72	72 72	73 72	- -	72 69	69 68	69 68	73 69	74 70	74 74	- -	74 72	73 71	73 71	72 72	74 72	74 72	75.0 73.4

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS SOO. 0 DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

# EVAPORATION AND WIND

Station		Day of month																															Total of Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CARLYLE RESERVOIR	EVAP	.27	.28	.28	.30	.38	.36	.23	.34	.30	.23	.28	.26	.06	.29	.28	.25	.31	.28	.05	.07	.15	.23	.21	*	*	.59	.32	.16	.22	.18	.26	7.42
	WIND	62	37	108	52	33	52	43	54	31	56	33	28	92	83	50	22	105	108	53	41	26	18	22	*	*	140	51	33	51	57	68	1609
	MAX MIN	96 71	96 69	100 70	100 71	97 70	96 70	93 69	95 72	99 72	96 69	93 69	96 70	78 61	87 56	83 56	89 60	88 55	84 58	64 60	71 62	87 62	92 64	94 -	- -	93	90	89	93	89	-	90.3	
HENNEPIN POWER PLANT	EVAP	.30	.32	.36	.30	.11	.07	.22	.28	.12	.22	.19	.10	.19	.23	.23	.21	.20	.15	.08	.15	.30	.22	.27	.22	.10	.17	.15	.22	.17	.23	.16	6.24
	WIND	35	56	59	37	15	30	32	39	28	26	17	47	89	39	29	45	61	27	21	25	33	29	35	31	40	30	21	45	46	48	27	1142
	MAX MIN	94 69	98 70	96 70	95 71	93 70	89 70	89 69	98 72	96 73	94 63	94 68	92 62	83 65	82 57	86 59	85 61	83 66	81 54	77 58	79 60	91 67	87 59	91 74	92 70	88	92	84	86	85	90	86	82
SPRINGFIELD WB AIRPORT	EVAP	.24	.34	.23	.32	.24	.17	.24	.30	.27	.17	.25	.15	.23	.27	.19	.29	.26	.12	.08	.09	.21	.15	.21	.13	.18	.23	.19	.20	.26	.33	.17	6.71
	WIND	47	82	108	52	44	71	63	52	58	60	25	53	133	78	29	88	132	59	77	33	16	25	42	62	98	71	38	66	79	84	59	1984
	MAX MIN	96 71	98 70	94 73	95 66	90 70	89 71	97 73	96 73	91 72	92 67	95 69	90 69	79 68	82 61	86 59	85 62	81 65	76 54	76 58	90 56	86 64	90 64	89 68	87 70	83	85	86	91	88	84	80	85.2
URBANA	EVAP	.10	.26	.27	.29	.27	.17	.07	.28	.09	.19	.16	.27	.03	.18	.22	.17	.23	.13	.10	.04	.12	.19	.21	.17	.06	.21	.21	.19	.07	.18	.24	5.37
	WIND	37	29	65	60	25	32	27	33	27	40	17	30	42	50	34	25	63	46	29	21	16	14	17	28	31	46	42	35	32	25	38	1056
	MAX MIN	85 67	93 66	97 66	93 66	95 66	86 66	83 68	97 68	88 67	91 65	91 63	93 66	77 67	76 56	82 56	81 56	85 56	74 59	71 50	65 50	85 50	92 57	91 57	90	81	85	85	86	84	89	86	85.7

MAX AND MIN IN DAILY EVAPORATION TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.



# STATION INDEX

ILLINOIS  
1963

STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL	
ALBION	0055	EDWARDS		7 38 23	88 03	530	6P	6P			BESSIE ELLEN	LAMARK	4879	CARRDOLL		6 42 06	89 50	825				MATT L. LAW	
ALEXS	0072	HENDERSON		6 41 13	90 45	720	6P	6P			GENE L. BURGESS	LA SALLE PERU	4922	LA SALLE		1 41 20	89 08	516	7P	4P		WESTCOTT GEN TIME CORP	
ALFON WATERWORKS	0084	EDWARDS		6 41 34	90 45	720	6P	6P			MUNICIPAL HENDRKS	LA SALLE PERU	4922	LA SALLE		1 41 20	89 08	516	7P	4P		GEN TIME CORP	
ALTON DAM 26	0137	MADISON		4 48 53	101 41	432	MID	7A			U S CORPS OF ENGINEERS	LAURENCEVILLE 3 WSW	4959	LAURENCE		7 38 43	87 44	600	6P	6P		BILLY L. ROGERS	
ANNA 1 E	0187	UNION		5 37 28	89 14	845	6P	6P			J. DON HARTLINE	LINCOLN	5079	LOGAN		1 40 09	89 22	591	7P	11A		LEONARD E. JUHL	
ANTIUCH	0203	EDWARDS		1 42 29	88 04	800	7P	7P			ROBERT W. HENNING	ROCKFORD POWER HOUSE	5870	LOGAN		1 40 09	89 22	591	7P	11A		CHICAGO SANITARY DIST	
ARLINGTON HEIGHTS 4	5502	COOK		4 42 02	87 58	680	4P	4P			GEORGE A. HONEMANN	LOUISVILLE 4 N	5216	CLAY		7 38 50	88 30	480	6P	6P		ROGER HAYES	
AUGUSTA 2 W	0330	HANCOCK		1 40 14	90 59	880					WALTER M. ROWLAND SR.	MACKINAW	5272	TAZEWELL		1 40 48	89 22	670	6P	6P		CARLIE H. KULL	
AURORA COLLEGE	0319	EDWARDS		1 40 45	88 20	744	7P	7P			AURORA COL. PHYSICAL DEPT.	MADISON	5285	MC DONOUGH		1 42 28	89 40	702	6P	6P		W. S. NEWELL	
AVON S NE	0356	FULTON		1 40 14	90 22	650	7P	7P			JAMES R. MITCHELL	MACKANDIA 1 NW	5294	JACKSON		4 37 38	88 16	680	6P	6P		MARVIE B. HARTLINE	
BARRINGTON 1 NW	0442	LAKE		1 42 10	88 09	810	6P	6P			CHICAGO AERIAL LTD 23	MARENGO	5326	MC HENRY		6 42 15	88 36	825	6P	6P		MAROLD HYDE	
BARRY	0445	PIKE		4 59 41	91 03	640	6P	6P			GEORGE E. GRIDER	MARIETTA	5334	FULTON		1 40 30	90 24	546	6P	6P		JOSEPH ACE MCCANCE	
BEARSTOWN	0492	CASS		3 40 40	90 46	445	8A			THOMAS E. PHELPS	MARION 2 W	5342	WILSON		4 37 42	89 55	445	5P	5P		GREGG L. TURNER		
BELLEVILLE SCOTT AS	0503	ST CLAIR		2 38 32	89 51	447	MID	MID			U S AIR FORCE	MARSA 1 W	5364	MACON		1 40 02	88 58	720				LLOYD J. SIMPSON	
BEVELDIERE SEWAGE PLANT	0583	BOONE		6 42 16	88 52	753	6P	6P			CITY OF BELVIDIERE	MARSEILLES LOCK	5372	LA SALLE		1 41 20	88 45	486	7A			U S CORPS OF ENGINEERS	
BENTLEY 1 NW	0598	HANCOCK		1 40 22	91 08	835	6A			FLOYD W. HERNON	MARSH 2 W	5380	CLARK		7 39 23	87 41	570	5P	5P		ERNEST THOMAS FINE		
BENTON FOREST SEWAGE	0608	FRANKLIN		3 48 02	88 55	445	8A			HAROLD M. WAIN	MARSA 1 W	5413	HASON		1 40 12	88 42	525	6P	6P		VICTOR B. RICKARD		
BLOOMINGTON WATERWORKS	0761	MCCLEAN		1 40 30	89 00	775	7A			HERL L. BURGIN	MARSA 1 W	5430	COLES		7 39 28	86 21	718	MID	MID		GENE FRANCIS		
BLOOMINGTON NORMAL BLUFFS	0761	SCOTT		1 39 45	89 32	467	6P	6P			ILL. STATE NORMAL UNI	MCHEENY LOCK AND DAM	5493	MCHEENY		1 42 17	89 14	842	6P	6P		EDWARD LEWIS KOCMOUD	
BROOKPORT DAM 52	0993	HASSAC		5 37 08	88 39	330	6P	6A			VERNON A. NORTRUP	MCCLEANSBORO	5515	HAMILTON		5 38 05	89 32	458	6P	6P		F. G. FRAZIER	
CAIRO WB CITY	1166	ALEXANDER		4 37 00	89 10	314	MID	MID			U S CORPS OF ENGINEERS	MEDORA	5539	MACQUIN		1 39 10	90 08	620	7P			M. F. DODGE	
CANTON	1225	FULTON		4 37 00	89 10	314	MID	MID			U S WEATHER BUREAU	MINONK	5712	WOODFORD		1 40 54	89 02	755	7P	7P		HOMER C. PARKS	
CARBONDALE SEWAGE PLANT	1265	JACKSON		4 37 44	89 12	380	6P	6P			FLOYD W. HERNON	MINONK	5712	WOODFORD		1 40 54	89 02	755	7P	7P		U S SANITARY BUREAU	
CARLINVILLE	1280	HANCOCK		1 39 17	89 52	625	6P	6P			HUGH B. BOYD	MONMOUTH	5761	WARREN		4 40 55	88 30	625	5P	5P		PROF. LYLE FINE	
CARLYLE	1288	CLINTON		2 38 36	89 22	441	7P	7A			JACK A. CAMPBELL	MONTICELLO	5793	GRUNDY		1 40 02	88 34	625	5P	5P		LEE F. GIFFIN	
CARLYLE RESERVOIR	1290	MACPACUN		3 38 38	89 20	501	8A	8A			MUN WATER AND POWER PL	MORRIS 5 N	5825	PIRATT		1 41 27	88 24	580	6P	6P		PHILLIP C. COLLINS	
CARLS W	1296	WHITE		7 38 10	88 12	390	6P	6P			HUBERT BOHLEP	MORRISON	5833	WHITESIDE		6 45 49	89 24	603	5P	5P		CITY OF MORRISON	
CENTRALIA 2 NE	1384	HANCOCK		1 40 03	90 07	810	6P	6P			CITY OF CENTRALIA	MORRISONVILLE 4 SE	5846	CHRISTIAN		1 39 25	89 28	635	7P	7P		EDWARD H. FARLAND	
CHANDLERVILLE	1412	CASS		1 40 03	90 09	475	6P	6P			INACTIVE 4/25/63	MORRISONVILLE 4 SE	5846	CHRISTIAN		1 39 25	89 28	635	7P	7P		H. E. PAUL BAYE	
CHANNANOH ORESDEN ISL	1420	GRUNDY		1 41 24	88 17	505	7A				U S CORPS OF ENGINEERS	MOUNT CARMEL NO 2	5893	WABASH		7 38 24	87 46	390	8A	8A		MR CARMEL SEWER DEPT	
CHARLESTON	1436	COLES		7 39 29	88 11	710	6P	7A			EASTERN ILL. UNIV.	MOUNT CARROLL	5901	CARROLL		4 42 05	88 58	817	7P	7A		JAMES F. MCCRAY	
CHEMUA	1446	MCCLEAN		7 11 56	88 46	715	6P	7A			EDWIN PAROY	MOUNT CARROLL	5901	CARROLL		4 42 05	88 58	817	7P	7A		W. W. GARDNER	
CHESTER	1491	RANDOLPH		4 37 54	89 50	460	7A			ROBERT W. GARRIS	MOUNT PULASKI	5927	LOGAN		1 40 01	89 17	645	5P			ALVA BROWN		
CHICAGO CALUMET TR WORKS	1522	COOK		4 31 40	87 36	593					CHICAGO SANITARY DIST	MOUNT STERLING	5935	BRUNN		1 39 59	89 46	711	5P			MONER L. PENNER	
CHICAGO LAKEVIEW PUMP STA	1562	COOK		4 31 54	87 38	630	7P	7A			CITY ENGINEER	MOUNT STERLING	5935	BRUNN		1 39 59	89 46	711	5P			MONER L. PENNER	
CHICAGO LOYOLA UNIV	1537	COOK		4 32 00	87 40	592					CITY ENGINEER	MURPHYSBORO WATERWORKS	5983	JACKSON		4 37 46	89 19	420	6P	6P		MURPHYSBORO WATER CO	
CHICAGO MAYFAIR PUMP STA	1542	COOK		4 31 58	87 45	647					CHICAGO SANITARY DIST	MURPHYSBORO WATERWORKS	5983	JACKSON		4 37 46	89 19	420	6P	6P		MURPHYSBORO WATER CO	
CHICAGO N BR PUMP STA	1542	COOK		4 31 58	87 45	647					CHICAGO SANITARY DIST	MURPHYSBORO WATERWORKS	5983	JACKSON		4 37 46	89 19	420	6P	6P		MURPHYSBORO WATER CO	
CHICAGO O HARE AIRPORT	1549	COOK		4 31 59	87 46	658	MID	MID			U S WEATHER BUREAU	MURPHYSBORO WATERWORKS	5983	JACKSON		4 37 46	89 19	420	6P	6P		MURPHYSBORO WATER CO	
CHICAGO ROSELAND PMPG	1552	COOK		4 31 42	87 38	659					CITY ENGINEER WATER PURIF	NEW BOSTON DAM 17	6080	MERCER		4 41 11	91 03	448	8A	8A		U S CORPS OF ENGINEERS	
CHICAGO SAN DIST DISP	1557	COOK		4 31 50	87 42	602					CHICAGO SANITARY DIST	NEWTON	6159	JASPER		7 39 00	88 10	513	6P	6P		GEORGE H. PAYNE	
CHICAGO SAN DIST OFFICE	1562	COOK		4 31 54	87 38	630	7P	7A			CHICAGO SANITARY DIST	NEWTON	6159	JASPER		7 39 00	88 10	513	6P	6P		GEORGE H. PAYNE	
CHICAGO S FILTER PLANT	1564	COOK		4 31 45	87 33	611					CITY ENGINEER WATER PURIF	OREGON	6490	DGLE		6 42 00	89 20	690	6P	6P		CARNATION COMPANY	
CHICAGO SPRINGFIELD PMPG	1567	COOK		4 31 55	87 44	630					CITY ENGINEER WATER PURIF	OTTAWA	6526	LA SALLE		1 41 22	88 50	474	7P	7P		H. JOHN A. REED	
CHICAGO WB AIRPORT	1577	COOK		4 31 47	87 45	610	MID	MID			U S WEATHER BUREAU	PALMYRA	6579	CHRISTIAN		2 39 23	89 05	698	7P	7P		CHAS. E. SCHUMACHER	
CHICAGO WB CITY	1582	COOK		4 31 53	87 38	594	MID	MID			U S WEATHER BUREAU	PANAMA	6579	CHRISTIAN		2 39 23	89 05	698	7P	7P		CHAS. E. SCHUMACHER	
CHILLICOTHE	1627	PEORIA		4 41 53	89 29	440	8A				U S WEATHER BUREAU	PARIS SEWAGE PLANT	6405	EDGAR		7 39 37	87 41	750	7P	7P		CITY OF PARIS	
CISNE	1646	WAYNE		7 38 31	88 26	450					JOHN C. BURGE	PARK FOREST	6616	COOK		3 41 30	87 41	710	MID	MID		CHICAGO WATERWORKS	
CLINTON 1 5SW	1743	DE WITT		1 40 08	88 58	746	5P				R. E. PITRAT	PAYSON	6661	LEE		1 41 41	88 59	828	7A	7A		W. A. WOODS	
CORBEN 2 S	1775	UNION		3 37 30	89 15	540	6P	6P			R. G. ANDERSON	PAYSON	6661	LEE		1 41 41	88 59	828	7A	7A		W. A. WOODS	
COULTERVILLE 1 5SW	1944	RANDOLPH		2 38 11	89 36	510	6P	6P			C. WARREN BIRCHLER	PEORIA WB AIRPORT	6702	ADAMS		4 39 49	89 15	760	7A	7A		U S CORP. OF ENGINEERS	
CRETE	2111	WILL		3 31 27	87 38	660	5P	5P			VILLAGE OF CRETE	PEORIA WB AIRPORT	6702	ADAMS		4 39 49	89 15	760	7A	7A		U S CORP. OF ENGINEERS	
DANVILLE	2408	VERMILION		7 40 08	87 59	558	5P	5P			INTERSTATE WATER CO	PETERSBURG	6760	MC HENRY		1 40 00	89 51	590	6P	6P		MINA CUTI	
DANVILLE SEWAGE PLANT	2145	VERMILION		7 40 08	87 59	558	5P	5P			DANVILLE SEWAGE PLANT	PETERSBURG	6760	MC HENRY		1 40 00	89 51	590	6P	6P		MINA CUTI	
DECATUR	2133	MACON		1 39 51	88 58	670	7P	7P			ETHELDA C. COMRADT	PEORIA WB AIRPORT	6702	ADAMS		4 39 49	89 15	760	7A	7A		U S CORP. OF ENGINEERS	
DIXON	2346	EDWARDS		6 40 50	89 29	697	6P	7A			ROBERT W. HENNING	PETERSBURG	6760	MC HENRY		1 40 00	89 51	590	6P	6P		MINA CUTI	
DOONS 2 NE	2417	MCCLEAN		1 40 25	88 51	794					ADA A. DEVLIN	PONTIAC	6805	EDGAR		7 39 38	87 42						



REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Monthly Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

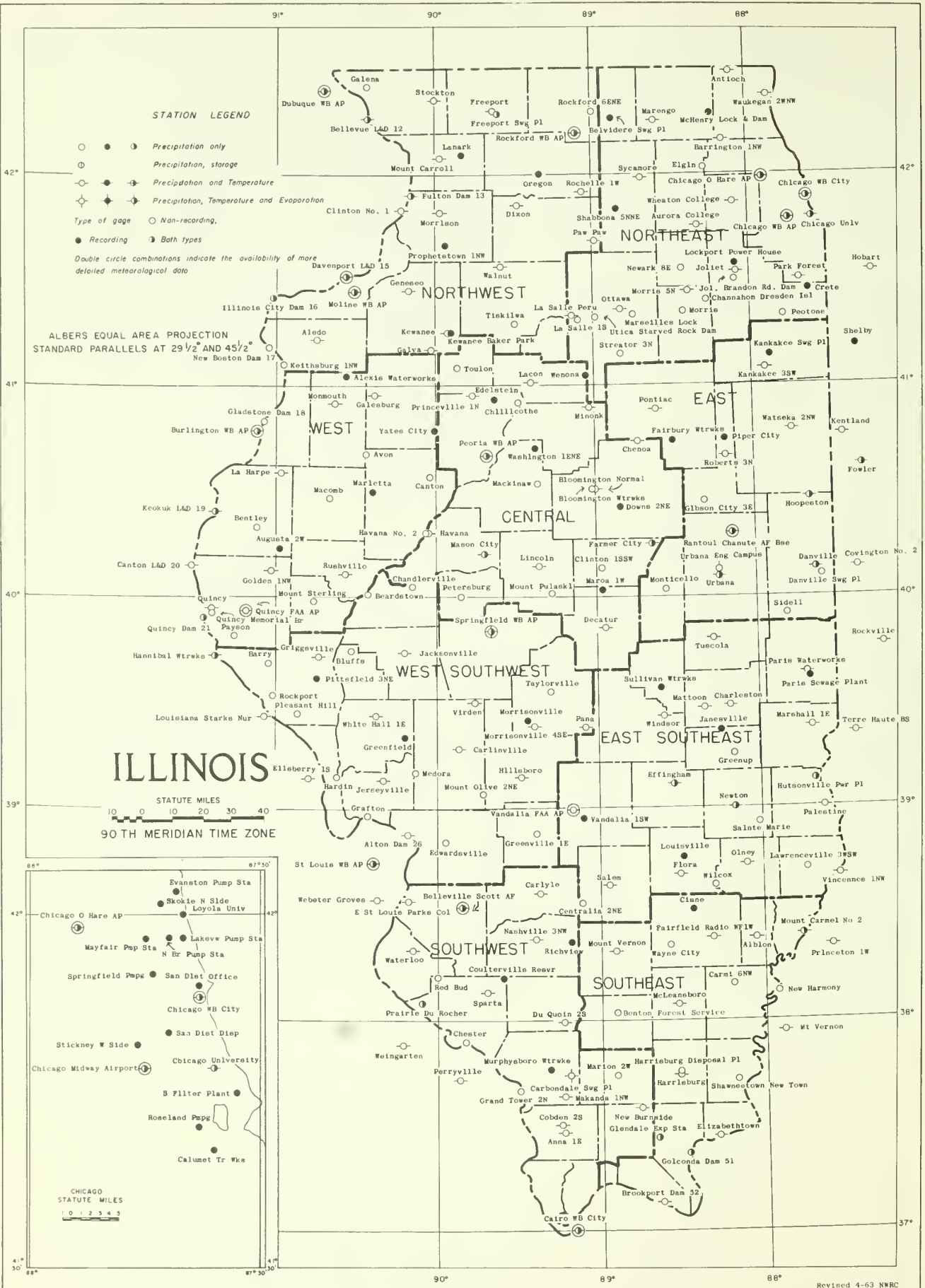
In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
  - G "Soil Temperature" Table.
  - H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
  - J "Supplemental Data" Table.
- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.  
 Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.
  - + And also on an earlier date or dates.
  - ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
  - \* Amount included in following measurement, time distribution unknown.
  - # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
  - // Gage is equipped with a windshield.
  - AR This entry in time of observation column in Station Index means after rain.
  - B Adjusted to a full month.
  - D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
  - M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
  - R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
  - SS This entry in time of observation column in Station Index means observation made near sunset.
  - T Trace, an amount too small to measure.
  - V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



**STATION LEGEND**

- ● ○ Precipitation only
- ● ○ Precipitation, storage
- ● ○ Precipitation and Temperature
- ● ○ Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording,
- Recording ○ Bath types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
 STANDARD PARALLELS AT 29 1/2° AND 45 1/2°  
 New Boston Dam 17

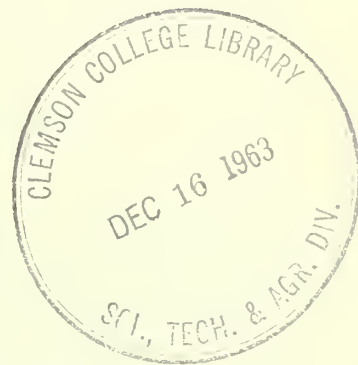
**ILLINOIS**  
 STATUTE MILES  
 10 0 10 20 30 40  
 90TH MERIDIAN TIME ZONE



U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS



SEPTEMBER 1963  
Volume 68 No. 9



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 97° on the 20th at Harrisburg

Lowest Temperature: 32° on the 30th at Harrisburg

Greatest Total Precipitation: 4.24 inches at Antioch

Least Total Precipitation: 0.00 inch at Wilcox

Greatest One-Day Precipitation: 2.63 inches on the 11th at Carlinville

SPECIAL WEATHER SUMMARY

Precipitation was below normal statewide and for much of the State this was the second consecutive dry month. Only isolated spots in the south had measurable rainfall after the 12th. South of Kankakee along the eastern border and in the extreme south the average precipitation was only about one-half inch and more than a dozen stations had one-quarter inch or less. Forest fire hazard was acute by end of month.

Temperatures averaged near normal.

William L. Denmark  
Weather Bureau State Climatologist  
Weather Bureau Office  
P. O. Box 143 - Station "A"  
Champaign, Illinois



# CLIMATOLOGICAL DATA

ILLINOIS  
SEPTEMBER 1963

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										W <sup>+</sup> or Above	X <sup>1</sup> or Below	X <sup>2</sup> or Below	0 or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
<b>NORTHWEST</b>																							
ALEDO	77.6	54.7	66.2	+ 0.1	90	19	40	14	65	1	0	0	0	1.37	- 1.86	.88	2	.0	0	0	3	1	0
OIXON	77.5	52.3	64.9	- 0.5	89	19	39	14	81	0	0	0	0	2.12	- 1.17	.98	12	.0	0	0	4	1	0
FREEPORT	74.4	51.6	63.0	- 0.2	85	19	38	14	110	0	0	0	0	3.19	- .19	1.23	3	.0	0	0	6	2	1
FULTON OAM 13	75.9	54.4	65.2		85	19	41	30	70	0	0	0	0	2.71		1.53	12	.0	0	0	4	2	1
GALVA	77.6	53.2	65.4	+ 0.8	88	19	39	14	71	0	0	0	0	1.94	- 1.07	.69	3	.0	0	0	5	1	0
<b>GENESEO</b>																							
GENESEO	77.9	54.3	66.1		88	19	39	14	67	0	0	0	0	1.45	- 1.73	.86	2	.0	0	0	4	1	0
HENNEPIN POWER PLANT	78.9	52.7	65.8		90	19	36	14	57	1	0	0	0	1.16		.56	29	.0	0	0	3	1	0
KEWANEE	78.9	55.0	67.0		90	19	41	14	52	1	0	0	0	1.53		.60	2	.0	0	0	4	2	1
MOLINE WB AIRPORT	76.7	53.1	64.9	- 0.4	89	19	39	30	83	0	0	0	0	2.38	- .87	1.10	20	.0	0	0	3	2	1
MORRISON	77.8	51.7	64.8	- 0.7	88	19	37	30	76	0	0	0	0	1.55	- 1.91	.92	11	.0	0	0	3	1	0
<b>MOUNT CARROLL</b>																							
MOUNT CARROLL	74.4	53.3	63.9	- 0.1	84	19	40	30	99	0	0	0	0	2.56	- .82	1.68	12	.0	0	0	5	1	1
PAW PAW	74.9	50.5	62.7		87	20	38	15	120	0	0	0	0	1.89	- 1.28	.67	29	.0	0	0	4	2	0
ROCHELLE 1 W	75.9	50.1	63.0		86	19	39	29	113	0	0	0	0	2.67	- .39	1.21	11	.0	0	0	6	2	1
STOCKTON	75.5	52.5	64.0	0.2	85	19	40	14	95	0	0	0	0	3.95	.44	1.32	2	.0	0	0	6	3	2
STOCKTON	74.5	52.4	63.5		83	19	38	13	95	0	0	0	0	3.26		1.32	11	.0	0	0	5	3	1
<b>WALNUT</b>																							
WALNUT	77.6	53.8	65.7	- 0.4	89	19	41	29	70	0	0	0	0	1.93	- 1.59	.75	2	.0	0	0	5	1	0
<b>DIVISION 01</b>																							
DIVISION 01																							
<b>NORTHEAST</b>																							
<b>ANTIOCH</b>																							
ANTIOCH	74.4	51.9	63.2		86	18	40	14	102	0	0	0	0	4.24		2.35	20	.0	0	0	5	3	1
AURORA COLLEGE	76.6	52.1	64.4	0.1	88	19	37	30	91	0	0	0	0	2.92	- .34	1.40	2	.0	0	0	4	2	1
BARRINGTON 1 NW	75.0	50.6	62.8		85	18	36	14	115	0	0	0	0	2.69		.95	12	.0	0	0	4	3	0
CHICAGO O HARE AIRPORT	77.5	52.1	64.8		90	19	38	14	86	1	0	0	0	2.88		1.36	2	.0	0	0	5	2	1
CHICAGO UNIVERSITY	77.1	57.3	65.7	- 0.5	87	18	51	30	56	0	0	0	0	2.83	.06	1.46	2	.0	0	0	5	1	1
<b>CHICAGO WB AIRPORT</b>																							
CHICAGO WB AIRPORT	77.8	57.3	67.6	- 1.2	92	19	45	30	50	2	0	0	0	2.63	- .10	1.30	2	.0	0	0	5	2	1
CHICAGO WB CITY	72.8	59.7	66.3	- 0.9	86	18	50	30	54	0	0	0	0	1.94	- .78	.60	2	.0	0	0	4	2	0
JOLIET	78.4	53.6	66.0		90	19	39	14	65	2	0	0	0	2.00		1.10	20	.0	0	0	4	1	1
MARENGO	75.9	50.6	63.3		87	18	35	14	102	0	0	0	0	3.22		1.20	11	.0	0	0	6	3	1
<b>MORRIS 5 N</b>																							
MORRIS 5 N	78.1	50.2	64.2	- 1.7	90	19	36	14	90	2	0	0	0	1.06	- 1.74	.41	29	.0	0	0	3	0	0
OTTAWA	80.2	54.4	67.3	0.8	92	19	40	14	41	1	0	0	0	1.09	- 1.92	.38	2	.0	0	0	3	0	0
PARK FOREST	76.8	53.1	65.0		89	19	39	14	81	0	0	0	0	1.48		.63	20	.0	0	0	5	1	0
<b>PERU SEWAGE PLANT</b>																							
PERU SEWAGE PLANT	75.5	52.0	63.8	- 0.1	88	19	38	14	104	0	0	0	0	2.04	- 1.26	.55	29	.0	0	0	5	3	0
SYCAMORE	75.5	52.0	63.8	- 0.1	88	19	38	14	104	0	0	0	0	2.04	- 1.26	.55	29	.0	0	0	5	3	0
<b>WAUKEGAN 2 WNW</b>																							
WAUKEGAN 2 WNW	72.7	54.6	63.7	+ 0.6	87	18	41	14	97	0	0	0	0	2.98	- .03	1.21	20	.0	0	0	5	3	1
WHEATON COLLEGE	76.3	51.1	63.7		88	19	38	14	102	0	0	0	0	1.93		.67	3	.0	0	0	6	2	0
<b>DIVISION 02</b>																							
DIVISION 02																							
<b>WEST</b>																							
<b>GALESBURG</b>																							
GALESBURG	77.1	54.4	65.8		89	19	43	30	60	0	0	0	0	3.30	- .25	1.03	2	.0	0	0	4	4	1
GOLDEN 1 NW	81.3	54.1	67.7		90	19	41	30	34	3	0	0	0	1.48	- 1.83	.69	11	.0	0	0	3	1	0
LA HARPE	80.4	54.1	67.3	0.2	91	19	41	30	37	1	0	0	0	1.64	- 1.69	.89	2	.0	0	0	3	1	0
MONMOUTH	79.3	53.8	66.6	0.2	89	19	41	14	58	0	0	0	0	2.51	- .78	1.09	2	.0	0	0	5	2	1
QUINCY	81.1	58.1	69.6	- 0.1	91	9	45	30	20	4	0	0	0	1.86	- 1.67	.86	11	.0	0	0	3	2	0
<b>QUINCY FAA AIRPORT</b>																							
QUINCY FAA AIRPORT	80.0	56.7	68.4		90	19	41	30	33	2	0	0	0	1.88		1.24	11	.0	0	0	3	1	1
RUSHVILLE	83.1	54.9	69.0	1.1	90	10	39	30	24	3	0	0	0	1.57	- 1.48	.52	2	.0	0	0	5	1	0
<b>DIVISION 03</b>																							
DIVISION 03																							
<b>CENTRAL</b>																							
<b>BLOOMINGTON NORMAL</b>																							
BLOOMINGTON NORMAL	79.1	55.6	67.4	+ 0.2	89	19	41	14	47	0	0	0	0	1.97	- 1.10	1.14	12	.0	0	0	4	1	1
CHENOA	79.2M	50.7M	65.0M		90	19	35	14	77	1	0	0	0	1.00		.45	2	.0	0	0	4	0	0
DECATUR	81.9	55.1	68.5	- 0.2	91	19	38	30	29	3	0	0	0	.37	- 2.78	.18	11	.0	0	0	2	0	0
FARMER CITY	80.9M	51.2M	66.1M		91	19	36	30	59	1	0	0	0	.30		.25	3	.0	0	0	1	0	0
HAVANA	80.6	54.1	67.4	- 0.6	90	19	38	30	33	1	0	0	0	1.86	- 1.16	.60	11	.0	0	0	6	2	0
<b>LACON</b>																							
LACON	81.0	53.1	67.1	- 0.6	90	19	38	30	42	1	0	0	0	1.06	- 1.92	.55	3	.0	0	0	3	1	0
LINCOLN	79.8	53.4	66.6		89	19	39	30	49	0	0	0	0	1.52		.86	11	.0	0	0	3	1	0
MASON CITY	80.3	50.0	65.2		93	19	35	30	66	4	0	0	0	1.20	- 1.65	.50	2	.0	0	0	4	1	0
MINONK	76.8	53.6	65.2	- 1.2	87	19	39	30	64	0	0	0	0	1.76	- 1.29	.58	20	.0	0	0	3	3	0
PEORIA WB AIRPORT	76.8	53.6	65.2	- 1.2	87	19	39	30	64	0	0	0	0	1.76	- 1.29	.58	20	.0	0	0	3	3	0
<b>PRINCEVILLE 1 N</b>																							
PRINCEVILLE 1 N	M	M	M											1.47	- 1.57	.53	2	.0	0	0	3	2	0
<b>DIVISION 04</b>																							
DIVISION 04																							
<b>EAST</b>																							
<b>OANVILLE</b>																							
OANVILLE	80.7	51.3	66.0	+ 0.9	90	19	35	30	55	1	0	0	0	.21	- 3.03	.11	3	.0	0	0	2	0	0
HOOPESTON	79.4	51.6	65.5	- 1.5	90	19	37	30	66	1	0	0	0	.47	- 2.64	.25	29	.0	0	0	1	0	0
KANKAKEE 3 5W	79.6	51.3	65.5	- 0.6	90	19	36	14	70	1	0	0	0	1.07	- 1.44	.35	12	.0	0	0	4	0	0
PONTIAC	80.7	53.9	67.3	0.4	94	19	40	14	42	1	0	0	0	.98	- 1.86	.46	3	.0	0	0	4	0	0
ROBERTS 3 N	80.6	51.6	66.1		91	19	35	14	56	2	0	0	0	.40	- 2.32	.20	2	.0	0	0	2	0	0
<b>URBANA</b>																							
URBANA	79.9	54.4	67.2	- 0.1	90	19	41	30	44	1	0	0											

# CLIMATOLOGICAL DATA

ILLINOIS  
SEPTEMBER 1963

CONTINUED

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	80° or Above	70° or Above	60° or Above										
GRIGGSVILLE	80.7	56.9	68.8	- 0.3	89	19*	44	23*	30	0	0	0	0	1.81	-	.55	12	.0	0		4	3	0
HILLSBORO	81.4	54.3	67.9	- 1.1	91	20	44	27*	30	1	0	0	0	2.06	-	1.48	12	.0	0		3	1	1
JACKSONVILLE	80.3	54.5	67.4	- 0.9	88	19*	41	30*	40	0	0	0	0	1.85	-	.68	11	.0	0		3	2	0
JERSEYVILLE	83.1	55.4	69.3		91	20	40	30	22	1	0	0	0	1.87	-	.99	11	.0	0		3	2	0
MORRISONVILLE 4 SE	80.4	53.7	67.1	- 1.0	89	20*	39	30	45	0	0	0	0	1.66	- 1.13	1.25	11	.0	0		2	1	1
PANA	77.5	55.0	66.3	- 2.3	87	20	41	30	53	0	0	0	0	1.15	- 1.84	.78	11	.0	0		2	1	0
SPRINGFIELD WB AIRPORT R	79.9	53.8	66.9	- 0.7	89	19	39	30	45	0	0	0	0	.74	- 2.19	.34	11	.0	0		2	0	0
VIROEN	81.7	55.1	68.4		91	20	41	30	33	3	0	0	0	1.39	-	.73	11	.0	0		4	1	1
WHITE HALL 1 E	79.6	54.8	67.2	- 1.9	87	7	38	30	37	0	0	0	0	2.25	-	1.27	11	.0	0		3	2	1
DIVISION 06			67.9	- .9										1.78	- 1.09			.0					
EAST SOUTHEAST																							
CHARLESTON	81.8	56.0	68.9		92	20*	40	30	30	2	0	0	0	.51	- 2.66	.49	12	.0	0		1	0	0
EFFINGHAM	83.6	54.9	69.3	- 1.1	93	20	38	30	24	6	0	0	0	.78	- 2.33	.43	12	.0	0		2	0	0
FLORA 2 NW	84.4	52.4	68.4	- 1.1	93	20	33	30	35	7	0	0	0	.15	-	.15	11	.0	0		1	0	0
MARSHALL 1 E	81.7	51.1	66.4		91	20	34	30	54	2	0	0	0	.31	-	.14	12	.0	0		1	0	0
MATTOON	79.9	53.7	66.8		89	20	38	30	49	0	0	0	0	.40	-	.39	11	.0	0		1	0	0
MOWEAQUA																							
NEWTON	85.2	54.4	69.8		95	20	36	30	25	10	0	0	0	.21	-	.11	11	.0	0		2	0	0
OLNEY	84.2	48.1	66.2	- 3.8	94	20	33	24	60	6	0	0	0	.03	-	.02	11	.0	0		0	0	0
PALESTINE	84.1	53.0	68.6	- 0.6	95	20*	35	30	36	9	0	0	0	.14	- 3.28	.10	3	.0	0		1	0	0
PARIS WATERWORKS	80.0	54.2	67.1	- 1.2	90	19	37	30	47	1	0	0	0	.41	- 2.77	.28	29	.0	0		1	0	0
SALEM	84.8	54.9	69.9		92	19*	36	30	19	7	0	0	0	.30	- 2.87	.29	11	.0	0		1	0	0
TUSCOLA	81.3	53.8	67.6		90	19	37	30	42	1	0	0	0	.25	- 3.00	.14	11	.0	0		1	0	0
VANDALIA FAA AIRPORT	82.0	51.3	66.7		93	20	34	30	57	3	0	0	0	.85	-	.54	11	.0	0		2	1	0
WINDSOR	81.1M	51.6M	66.4M	- 1.7	89	20*	40	24+	51	0	0	0	0	.55	- 2.67	.44	11	.0	0		1	0	0
DIVISION 07			67.9	- .8										.38	- 2.81			.0					
SOUTHWEST																							
ANNA 1 E	83.9	56.3	70.1	- 0.6	94	10	41	30	22	5	0	0	0	.74	- 2.94	.40	12	.0	0		3	0	0
BELLEVILLE SCOTT AF BS	80.9	55.1	68.0		91	20	40	30	40	2	0	0	0	1.09	-	.97	11	.0	0		1	1	0
CAIRO WB CITY	81.8	62.1	72.0	- 0.5	90	20*	46	30	11	4	0	0	0	1.58	-	.71	3	.0	0		3	2	0
CARBONDALE SEWAGE PL	85.2	53.7	69.5	- 1.0	95	20*	34	30	26	8	0	0	0	.47	- 3.00	.19	4	.0	0		3	0	0
CARLYLE	84.9	54.9	69.9		95	20	38	30	21	7	0	0	0	.61	-	.46	11	.0	0		2	0	0
CARLYLE RESERVOIR	83.1	54.6	68.9		90	21*	39	30	30	5	0	0	0	.49	-	.44	12	.0	0		1	0	0
COBLEN 2 S	83.3	53.6	68.5		92	10	36	30	34	4	0	0	0	.99	-	.81	12	.0	0		2	1	0
OU QUINN 2 S	83.8	54.4	69.1	- 1.5	94	20	37	30	24	6	0	0	0	.30	- 3.04	.20	10	.0	0		2	0	0
EAST ST LOUIS PKS COL	84.3	58.0	71.2		94	7	42	30	15	3	0	0	0	.76	-	.67	11	.0	0		1	1	0
MAKANOA 1 NW	83.4	57.9	70.7		93	20	40	30	24	6	0	0	0	.60	-	.24	5	.0	0		2	0	0
NASHVILLE 3 NW	83.7	53.5	68.6		93	20	34	30	37	5	0	0	0	.32	- 2.90	.24	11	.0	0		1	0	0
NEW BURNSIOE	83.6	55.0	69.3	- 1.0	91	20*	35	30	29	4	0	0	0	2.68	-	1.97	12	.0	0		4	1	1
SPARTA	85.9	56.9	71.4	- 0.1	95	20	40	30	12	8	0	0	0	.53	- 2.70	.45	11	.0	0		1	0	0
WATERLOO	84.4	58.2	71.3		92	20	40	30	9	4	0	0	0	.48	- 2.84	.35	12	.0	0		1	0	0
DIVISION 08			69.9	- .7										.83	- 2.53			.0					
SOUTHEAST																							
ALBION	86.1	56.9	71.5		95	20	40	30	12	10	0	0	0	.36	-	.34	21	.0	0		1	0	0
BROOKPORT OAM 52	82.7	56.1	69.4		91	9	37	30	21	2	0	0	0	1.80	- 1.69	1.14	13	.0	0		3	2	1
ELIZABETHTOWN	82.8	53.8	68.3		93	9	35	30	30	5	0	0	0	.32	-	.19	3	.0	0		1	0	0
FAIRFIELD RADIO WFIW	83.3	54.2	68.8	- 1.5	94	20	35	30	37	4	0	0	0	.12	-	.07	11	.0	0		0	0	0
HARRISBURG	87.2	52.1	69.7	- 1.3	97	20	32	30	24	13	0	1	0	.45	- 2.48	.25	3	.0	0		1	0	0
MCLEANSBORO	85.5	55.3	70.4	- 0.6	95	20	38	30	20	9	0	0	0	.24	- 3.25	.20	3	.0	0		1	0	0
MOUNT CARMEL	84.1	52.1	68.1		93	21	34	30	37	6	0	0	0	.13	-	.09	4	.0	0		0	0	0
MOUNT VERNON	85.3	55.2	70.3	- 0.2	95	20	38	30	19	7	0	0	0	.59	- 2.87	.43	12	.0	0		2	0	0
DIVISION 09			69.6	- 1.1										.50	- 2.72			.0					

Beginning with this issue the Daily Precipitation Table, Daily Temperature Table, Snowfall and Snow on Ground Table, and Evaporation and Wind Table will be arranged by Division in the same order as the Climatological Data Table.







# DAILY TEMPERATURES

ILLINOIS  
SEPTEMBER 1963

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<b>NORTHWEST</b>																																
ALEDO	MAX	78	85	83	71	74	75	86	83	87	82	79	76	65	71	75	81	85	87	70	66	72	68	70	78	69	80	82	87	65	78	
	MIN	57	63	63	55	51	53	62	57	62	63	66	55	46	40	47	57	65	64	62	57	47	47	46	49	57	50	53	57	44	45	
OIXON	MAX	80	80	78	66	75	76	83	83	87	80	76	71	64	72	77	84	86	88	89	81	73	66	69	77	76	80	82	86	64	77	
	MIN	50	63	61	53	49	49	59	59	57	61	63	51	44	39	46	56	64	61	60	54	44	44	44	47	54	53	50	51	43	40	
FREEPORT	MAX	79	78	76	77	70	74	81	79	84	78	74	70	63	68	74	79	83	84	85	66	70	62	64	73	71	77	79	83	60	72	
	MIN	48	61	63	55	48	48	58	55	58	57	63	51	40	38	43	52	62	61	63	53	44	43	44	50	57	50	53	49	41	39	
FULTON OAM 13	MAX	78	83	80	67	73	73	79	82	84	80	75	73	65	70	77	81	82	83	85	72	72	68	68	76	74	80	79	82	63	74	
	MIN	54	61	64	55	53	51	56	56	60	60	65	53	45	42	49	55	64	62	66	56	48	49	47	48	58	54	56	51	49	41	
GALVA	MAX	78	82	81	71	73	75	85	80	85	80	80	79	65	70	75	81	84	86	88	83	70	69	71	77	74	80	81	84	65	75	
	MIN	53	60	62	55	51	50	59	57	60	61	65	54	44	39	48	57	63	60	62	57	47	46	45	46	54	50	53	54	42	42	
GENESE0	MAX	77	84	83	69	73	75	85	81	86	83	76	76	65	70	75	82	83	86	88	86	72	70	69	77	73	79	81	86	71	76	
	MIN	55	63	64	54	52	51	63	57	61	62	68	55	42	39	46	56	65	65	64	56	45	47	44	46	59	53	53	56	45	44	
HENNEPIN POWER PLANT	MAX	78	80	80	70	75	74	85	81	84	82	82	76	67	72	77	84	87	87	90	82	72	69	71	77	79	80	83	86	81	76	
	MIN	52	62	64	54	54	49	60	59	57	63	66	57	50	36	44	55	55	57	59	59	43	48	44	48	50	52	46	46	40		
KEWANEE	MAX	78	81	80	72	74	75	85	84	86	82	80	77	66	70	74	83	85	87	90	87	72	71	70	76	75	80	82	86	82	76	
	MIN	57	62	63	55	52	52	61	57	62	62	66	58	45	41	50	56	65	63	64	57	47	47	45	49	55	58	57	58	43	43	
MOLINE WB AIRPORT	MAX	78	85	71	71	73	75	83	81	86	80	79	71	66	71	76	82	84	87	89	68	72	68	70	77	71	79	82	87	62	77	
	MIN	53	64	57	55	52	50	61	59	60	62	67	50	46	41	44	54	66	65	61	50	45	50	46	46	54	51	49	52	43	39	
MORRISON	MAX	78	80	79	68	74	74	84	81	84	84	78	75	65	70	75	81	83	86	88	86	72	70	68	75	75	79	80	85	82	75	
	MIN	48	62	62	54	50	47	57	55	56	62	66	54	44	40	45	52	63	58	57	54	42	46	45	48	54	52	47	40	37		
MOUNT CARROLL	MAX	75	80	80	68	70	72	80	78	82	79	75	72	63	68	74	79	82	83	84	74	69	65	65	73	71	76	79	83	61	73	
	MIN	48	61	64	54	48	48	57	55	69	66	62	43	42	40	46	56	60	61	63	52	52	46	48	54	58	52	56	55	42	40	
PAW PAW	MAX	74	80	78	71	65	72	75	82	75	83	80	81	68	61	69	76	82	85	86	87	72	62	67	71	76	78	78	82	59	71	
	MIN	52	58	60	52	51	49	50	54	58	58	60	60	46	38	38	52	59	59	60	55	41	41	44	44	48	52	54	41	41	41	
ROCHELLE I W	MAX	78	78	77	80	73	76	82	81	85	81	77	67	62	70	77	83	84	86	86	64	71	64	67	74	76	78	81	83	62	74	
	MIN	56	61	52	47	43	45	52	54	60	61	63	45	40	42	54	55	62	60	55	42	40	42	47	50	51	50	51	42	39	42	
ROCKFORD WB AIRPORT	MAX	79	80	69	67	73	75	84	80	85	81	78	69	64	70	77	82	84	85	85	69	72	66	67	73	74	79	80	84	62	73	
	MIN	52	62	58	51	50	49	61	60	58	61	64	47	45	40	47	57	63	61	58	48	45	46	46	50	52	54	52	52	43	41	
STOCKTON	MAX	78	78	76	71	72	73	82	79	83	82	72	67	64	70	75	80	81	83	83	70	70	63	65	73	75	76	79	81	63	72	
	MIN	52	59	61	54	48	51	59	55	58	58	61	51	38	42	46	53	63	63	63	51	51	42	44	48	56	54	53	47	48	42	
WALNUT	MAX	78	80	78	72	75	74	85	82	84	80	77	73	66	71	76	81	84	86	89	88	73	68	68	74	76	80	87	85	64	75	
	MIN	53	60	63	53	51	53	62	51	61	62	64	52	45	41	49	58	64	64	65	58	44	44	46	49	56	52	53	55	41	44	
<b>NORTHEAST</b>																																
ANTIOCH	MAX	79	76	73	65	75	75	81	79	85	79	80	68	63	67	75	82	83	86	78	65	73	67	68	70	75	79	80	72	62	73	
	MIN	53	59	62	51	49	47	56	58	60	53	57	51	45	40	46	55	60	61	56	53	45	48	44	46	54	53	56	52	44	43	
AURORA COLLEGE	MAX	80	79	73	67	73	75	83	83	85	82	81	70	61	71	77	85	85	87	98	63	73	66	68	75	80	80	81	84	68	74	
	MIN	49	60	61	53	52	46	60	59	55	62	63	53	45	39	47	57	63	60	60	55	43	45	46	47	50	51	50	52	41	37	
BARRINGTON 1 NW	MAX	76	77	73	68	71	75	80	79	82	83	80	74	60	67	75	81	83	85	84	70	70	69	67	71	76	79	79	82	62	73	
	MIN	50	59	60	50	50	40	60	55	57	53	59	50	48	36	43	54	60	64	65	53	40	46	39	41	50	50	52	50	45	39	
CHICAGO O HARE AIRPORT	MAX	82	81	71	67	73	77	81	81	85	79	84	70	62	70	78	85	87	89	90	65	75	67	70	74	83	83	85	87	66	77	
	MIN	51	62	55	59	48	43	61	57	54	57	63	57	43	38	46	55	61	61	63	47	46	45	43	52	52	50	52	53	44	45	
CHICAGO UNIVERSITY	MAX	78	78	71	68	70	77	76	73	79	75	82	69	60	67	72	79	82	87	86	64	69	64	70	71	81	75	82	84	61	72	
	MIN	57	61	63	61	56	53	63	63	62	63	62	56	52	51	54	61	64	63	64	55	51	54	51	51	55	58	58	54	52	51	
CHICAGO WB AIRPORT	MAX	82	81	75	71	73	78	81	80	87	79	84	72	61	70	77	86	88	90	92	66	73	66	70	75	83	84	84	87	64	76	
	MIN	57	64	63	63	55	52	64	66	62	64	66	47	52	45	54	63	67	66	65	55	49	51	50	50	55	58	58	56	48	45	
CHICAGO WB CITY	MAX	78	80	73	66	67	75	70	79	70	82	71	60	65	70	76	79	86	85	64	66	65	64	68	80	72	82	83	59	73		
	MIN	60	62	63	61	62	59	64	65	66	65	65	53	52	53	58	65	68	69	62	58	54	56	56	54	59	64	62	53	53	50	
JOLIET	MAX	81	79	77	70	74	78	85	84	86	83	84	68	68	73	79	88	89	90	90	65	74	71	68	75	82	82	84	83	76		
	MIN	51	61	65	56	54	46	60	57	55	62	62	55	47	39	50	56	62	62	62	59	46	48	45	46	55	50	52	53	49	42	
MARENGO	MAX	80	79	74	69	73	77	80	78	80	82	78	68	62	70	77	83	86	87	82	67	71	72	67	79	76	83	81	83	60	74	
	MIN	50	59	62	51	48	45	60	55	54	55	60	51	45	35	43	53	59	58	62	54	42	43	40	45	52	51	53	50	42	40	
MORRIS 5 N	MAX	80	80	76	70	74	77	85	84	87	85	75	63	63	74	81	88	89	90	90	65	73	67	69	76	83	81	83	86	74	76	
	MIN	50	60	62	54	52	41	57	57	52	61	54	46	46	36	47	55	59	58	58	54	42	46	42								

# DAILY TEMPERATURES

ILLINOIS  
SEPTEMBER 1963

Continued

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MDNDUTH	MAX	78	86	86	74	74	76	87	83	86	84	80	79	65	70	75	80	83	87	89	87	72	69	70	77	74	80	82	86	83	77	79.3
	MIN	50	63	65	54	51	52	61	56	59	63	65	56	45	41	46	56	64	62	64	58	45	46	46	47	57	50	51	56	43	42	
QUINCY	MAX	75	91	85	74	78	81	90	89	91	84	83	77	68	75	76	82	85	88	90	83	76	75	72	82	73	82	85	88	75	79	81.1
	MIN	56	68	69	61	59	55	64	61	63	69	66	57	51	48	54	62	69	62	63	66	54	52	49	52	59	51	53	58	47	45	
QUINCY FAA AIRPRT	MAX	77	89	78	74	75	78	88	87	90	85	83	77	68	75	75	82	85	87	90	82	76	73	73	80	73	83	84	87	67	78	80.0
	MIN	57	68	62	61	59	55	63	61	61	69	66	54	50	46	52	61	68	65	60	62	54	50	47	48	56	49	54	55	47	41	
RUSHVILLE	MAX	88	90	78	76	88	87	90	89	89	90	82	80	70	76	83	85	85	87	89	86	80	76	77	80	80	83	85	87	77	79	83.1
	MIN	64	62	56	56	59	62	68	64	64	59	58	56	49	44	52	62	59	58	58	55	50	50	44	50	50	48	51	52	48	39	
CENTRAL																																
BLDDMINGTON NORMAL	MAX	78	79	79	73	75	76	84	83	85	85	85	78	63	72	74	83	85	86	89	87	70	71	71	77	79	81	84	84	83	75	79.1
	MIN	53	62	65	55	56	52	62	60	58	64	66	65	45	41	55	59	63	65	61	60	48	47	46	46	55	50	59	59	47	44	
CHENDA	MAX	79	76	76	74	76	75	85	85	85	84	76	67	75	80	84	87	88	90	83	73	65	74	78	80	82	82	85	76	76	79.2	
	MIN	51	61	53	53	45	54	64	64	64	64	53	46	35	46	55	60	59	59	60	44	44	40	41	48	46	52	44	40	40		
DECATUR	MAX	80	81	79	75	79	81	85	88	88	88	80	83	70	77	80	86	89	90	91	90	77	75	74	81	82	83	85	87	77	77	81.9
	MIN	52	64	68	57	59	50	59	62	58	65	65	67	51	44	57	60	63	60	57	61	49	75	48	45	52	45	47	54	48	38	
FARMER CITY	MAX	78	81	79	74	77	79	85	84	87	87	88	84	68	76	79	87	87	89	91	78	74	73	74	79	81	83	85	86	74	78	80.9
	MIN	48	60	56	55	46	58	59	53	63	64	54	49	38	52	58	60	58	55	58	46	46	40	40	50	41	42	52	45	36		
HAVANA	MAX	80	85	83	75	76	79	87	81	87	85	82	78	69	73	80	83	86	87	90	81	74	73	74	80	81	83	83	85	83	76	80.6
	MIN	50	63	67	57	59	50	59	62	57	65	66	54	50	42	49	58	62	59	57	62	49	50	47	44	52	47	47	53	47	38	
LACON	MAX																															
LINDCOLN	MAX	80	84	79	76	80	78	87	86	87	89	83	80	70	78	80	86	87	88	90	83	77	73	74	79	80	82	84	86	67	77	81.0
	MIN	50	62	66	56	58	50	57	58	56	64	65	54	46	41	51	58	60	59	56	59	47	57	44	44	48	43	45	52	48	38	
MASON CITY	MAX	80	84	78	74	75	76	87	86	86	85	82	75	67	74	76	84	86	88	89	82	74	71	72	79	80	82	83	86	76	76	79.8
	MIN	48	62	66	57	57	51	59	58	54	64	65	57	46	43	49	58	61	61	59	62	45	49	46	46	52	44	47	52	46	39	
MINONK	MAX	81	81	73	73	76	78	87	84	87	84	85	75	69	74	80	87	90	91	93	75	73	72	71	79	83	84	85	90	68	80	80.3
	MIN	48	57	60	53	53	48	56	55	54	60	61	51	46	36	47	54	58	57	54	55	43	47	40	45	47	44	45	50	42	35	
PEORIA WB AIRPRT	MAX	76	82	74	73	74	74	84	81	84	82	81	74	66	72	73	81	86	85	87	66	70	69	70	76	79	80	81	84	64	76	76.8
	MIN	51	62	63	56	54	51	59	60	58	64	65	53	49	43	50	58	63	61	58	53	48	50	50	51	51	49	46	51	42	39	
PRINCEVILLE 1 N	MAX	74	80	81	72	70	75	87																								80.6
	MIN	66	61	64	53	52	48	62																								
EAST																																
DANVILLE	MAX	79	80	77	75	77	79	84	85	87	87	83	80	69	77	81	87	88	88	90	86	75	70	72	77	80	82	84	86	80	75	80.7
	MIN	48	57	66	59	55	46	51	63	54	61	58	61	49	40	51	55	56	56	54	56	53	48	41	44	42	40	40	48	53	35	
HDDPESTON	MAX	78	79	76	75	76	79	83	84	87	85	84	77	67	75	81	86	86	87	90	80	74	68	72	76	79	82	82	85	74	74	79.4
	MIN	50	58	65	56	55	43	56	58	54	59	58	58	46	37	51	57	58	59	59	59	46	42	41	41	48	44	49	54	50	37	
KANKAKEE 3 SW	MAX	79	80	79	74	74	77	85	83	86	85	84	70	65	73	79	85	88	88	90	89	72	68	69	75	82	82	83	86	84	75	79.6
	MIN	47	59	65	52	57	42	55	57	52	61	60	57	46	36	48	55	59	58	56	63	44	45	44	45	49	44	45	51	51	38	
PONTIAC	MAX	79	80	80	73	76	78	85	85	87	86	83	76	67	74	80	87	87	89	94	88	73	72	71	77	81	83	84	85	84	77	80.7
	MIN	53	61	66	56	58	48	59	60	57	67	64	58	48	40	51	58	60	62	58	62	47	48	45	46	52	52	48	54	48	42	
RANTOUL CHANUTE AFB	MAX	79	80	80	73	76	78	85	85	87	86	83	76	67	74	80	87	87	89	94	88	73	72	71	77	81	83	84	85	84	77	80.7
	MIN	53	61	66	56	58	48	59	60	57	57	64	58	48	40	51	58	60	62	58	62	47	48	45	46	52	52	48	54	48	42	
ROBERTS 3 N	MAX	79	79	76	74	74	79	85	85	86	85	86	74	66	76	81	87	89	90	91	86	75	73	74	77	81	83	83	86	83	76	80.6
	MIN	53	58	66	54	54	50	55	59	54	60	60	53	45	35	48	54	59	58	58	60	43	44	39	38	50	47	49	54	54	37	
URBANA	MAX	78	80	78	75	77	77	84	84	87	86	83	80	68	74	80	87	87	88	90	83	74	72	71	77	79	82	83	85	74	75	79.9
	MIN	53	61	62	58	55	50	57	62	59	64	63	53	49	42	56	61	61	63	63	56	49	48	46	45	49	52	52	53	48	41	
WATSEKA 2 NW	MAX	76	79	78	73	74	77	84	83	86	84	83	80	66	73	85	86	87	89	90	86	72	68	70	76	81	83	83	86	80	75	79.8
	MIN	46	58	67	54	57	43	53	58	53	59	60	55	44	35	51	54	61	57	50	61	42	41	44	42	50	41	43	44	50	34	
WEST SOUTHWEST																																
ALTON DAM 26	MAX	83	85	81	81	78	81	89	79	88	89	85	83	69	76	78	85	87	88	89	88	78	75	76	79	79	80	82	83	68	77	81.3
	MIN	60	69	70	63	61	58	62	68	67	67	67	56	54	51	57	66	65	61	63	64	55	53	56	50	54	53	54	57	50	48	
CARLINVILLE	MAX	84	85	82	78	79	81	89	81	87	91	82	71	67	79	85	82	88	90	90	76	75	75	81	81	81	83	85	81	78	81.9	
	MIN	52	65	70	58	60	50	57	62	55	60	66	51	43	53	59	59	56	56	59	52	48	44	42	48	46	46	52	49	37		
GRIGGSVILLE	MAX	77	87	83	75	76	80	89	85	88	86	84	81	68	74	78	83	86	8													

# DAILY TEMPERATURES

ILLINOIS  
SEPTEMBER 1963

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EFFINGHAM	MAX	84	85	84	78	80	82	89	92	90	90	86	87	78	76	82	89	84	90	92	93	78	75	73	80	81	83	85	87	80	75	83.6 54.9	
	MIN	52	64	68	58	60	49	55	63	59	61	66	65	51	45	60	62	59	58	58	58	54	47	47	46	46	46	44	46	51	38		
FLORA 2 NW	MAX	92	87	85	81	80	82	89	91	90	91	83	89	75	78	84	90	88	90	92	93	88	79	78	81	90	83	85	88	74	76	84.4 52.4	
	MIN	51	62	70	59	61	47	50	61	60	57	61	67	54	44	60	57	54	53	52	54	56	47	45	37	39	40	42	46	54	33		
MARSHALL 1 E	MAX	79	80	81	77	77	79	86	88	86	88	83	87	70	77	82	88	87	88	90	91	80	73	73	79	80	82	83	87	77	74	81.7 51.1	
	MIN	48	56	68	59	57	46	48	58	59	59	57	66	51	41	56	55	54	53	53	55	54	48	42	39	40	38	40	46	52	34		
MATTOON	MAX	79	81	79	75	77	79	85	86	85	87	82	83	68	75	80	86	86	86	88	89	75	72	71	77	78	81	83	85	65	74	79.9 53.7	
	MIN	50	63	63	58	57	49	55	61	58	64	65	57	51	42	57	60	59	60	57	59	54	47	45	44	46	46	46	51	48	38		
MCWEAGUA	MAX																																
	MIN																																
NEWTON	MAX	83	87	89	86	81	83	90	92	90	91	88	90	74	78	84	90	88	90	92	95	92	76	75	81	80	84	85	87	80	75	85.2 54.4	
	MIN	52	52	71	60	61	56	52	62	63	62	64	67	53	46	59	60	58	58	55	58	55	50	46	45	43	43	44	49	53	36		
OLNEY	MAX	84	86	90	81	80	82	88	91	89	91	82	92	83	77	84	88	87	88	91	94	89	76	75	80	80	82	85	88	70	73	84.2 48.1	
	MIN	49	46	65	58	57	42	45	57	56	53	58	63	49	40	52	52	50	49	47	50	50	42	40	33	35	35	35	38	40	58		
PALESTINE	MAX	84	88	85	80	80	82	90	92	90	91	85	91	74	79	80	90	87	91	95	95	80	74	75	82	83	84	86	85	68	77	84.1 53.0	
	MIN	49	61	71	61	60	47	51	63	62	58	62	64	53	45	56	57	57	53	55	57	56	50	46	39	46	40	42	48	46	35		
PARIS WATERWORKS	MAX	79	80	79	76	76	78	85	86	85	86	82	82	68	75	80	85	85	87	90	87	74	71	71	78	79	80	82	87	73	73	80.0 54.2	
	MIN	50	60	70	58	58	49	57	60	58	62	61	61	50	43	56	60	60	59	60	60	54	45	44	43	49	46	48	55	53	37		
SALEM	MAX	84	87	86	83	80	82	89	92	91	91	88	90	78	78	83	89	88	91	92	90	88	76	76	82	80	84	85	86	78	76	84.8 54.9	
	MIN	55	66	73	61	62	52	53	64	59	62	66	68	54	48	54	59	60	59	56	57	52	48	47	45	43	45	45	47	53	36		
TUSCOLA	MAX	83	80	81	77	78	78	84	85	87	87	85	83	68	75	81	86	87	88	90	88	75	72	73	78	80	83	85	85	81	75	81.3 53.8	
	MIN	63	61	68	59	57	48	57	55	55	62	61	66	50	43	54	59	60	59	56	57	52	48	47	45	46	43	43	55	48	37		
VANDALIA FAA AIRPORT	MAX	82	85	82	78	77	78	88	88	88	90	82	85	69	75	79	89	88	89	90	93	78	75	75	82	79	82	84	87	66	77	82.0 51.3	
	MIN	50	65	66	60	54	47	51	61	54	58	65	56	51	44	57	60	57	54	52	53	53	50	41	39	41	41	39	45	40	34		
WINOSOR	MAX	80	82	82	77	77	80	85	86	86	88	81	83	69	80	86	87	88	89	89	89	75	73	72	78	80	80	82	85	78	74	81.1 51.6	
	MIN	49	60	69	55	56	46	54	60	55	60	62	54	48	39	59	58	55	55	55	57	50	43	40	40	45	44	45	51	46	41		
SOUTHWEST	MAX																																
	MIN																																
ANNA 1 E	MAX	88	89	88	84	83	84	87	89	91	94	84	91	69	77	79	85	87	89	90	93	84	79	79	79	76	83	85	85	71	74	83.9 56.3	
	MIN	57	60	69	64	60	54	54	61	62	61	63	65	57	51	53	59	60	58	57	58	65	52	48	46	42	50	52	60	50	41		
BELLEVILLE SCOTT AF BS	MAX	80	84	83	79	77	80	87	88	87	90	81	86	67	75	78	85	85	87	87	91	78	73	75	79	78	79	82	85	67	73	80.9 55.1	
	MIN	56	68	67	63	58	51	57	62	61	61	66	58	54	49	52	60	61	57	56	65	57	51	46	44	46	45	47	50	44	40		
CAIRO WB CITY	MAX	85	88	87	84	81	81	86	88	90	90	85	90	67	74	75	83	84	88	87	90	81	76	78	77	75	82	82	80	67	73	81.8 62.1	
	MIN	64	67	72	70	68	62	63	68	69	68	71	67	61	57	59	65	66	64	61	62	65	58	54	54	52	56	59	61	54	46		
CARBONALE SEWAGE PL	MAX	86	91	90	84	80	82	89	92	91	92	86	95	74	78	79	88	87	89	92	95	88	79	78	81	80	84	87	86	78	75	85.2 53.7	
	MIN	54	62	72	65	50	50	52	65	59	58	63	71	58	49	50	58	58	54	51	54	60	52	42	42	39	42	43	51	53	34		
CARLYLE	MAX	87	84	86	85	79	83	92	92	91	93	85	88	73	79	82	87	89	92	92	95	87	80	78	81	81	83	85	87	73	77	84.9 54.9	
	MIN	55	68	71	62	64	51	54	65	60	57	65	67	53	46	52	59	58	56	55	57	58	51	45	44	45	45	45	49	52	38		
CARLYLE RESERVOIR	MAX	83	82	87	87	82	79	88	89	90	90	90	81	83	72	74	80	87	88	89	90	90	77	77	75	80	79	81	80	86	70	83.1 54.6	
	MIN	57	64	54	61	62	52	56	69	54	62	64	65	53	49	52	56	60	57	56	59	58	50	46	44	47	46	45	51	51	39		
COBDEN 2 S	MAX	88	86	87	83	82	83	85	89	91	92	85	90	69	77	79	85	87	88	87	91	88	77	80	77	77	81	83	83	75	74	83.3 53.6	
	MIN	56	58	68	66	57	52	53	60	58	59	62	64	55	49	51	58	59	55	53	52	58	50	45	44	40	44	45	52	49	36		
DU QUOIN 2 S	MAX	85	86	89	84	80	81	88	91	90	93	89	89	78	78	78	82	86	90	90	94	81	75	78	81	78	82	85	85	75	75	83.8 54.4	
	MIN	58	63	71	63	60	54	52	63	57	62	69	56	53	51	51	59	60	55	53	54	60	52	46	44	41	42	44	48	52	37		
EAST ST LOUIS PK5 COL	MAX	88	87	84	89	88	89	94	91	89	89	86	86	74	75	78	86	87	86	89	91	87	75	75	79	79	79	84	86	83	75	84.3 58.0	
	MIN	68	62	67	65	69	59	60	69	58	63	67	70	55	50	54	63	62	57	58	62	59	53	49	47	49	51	47	53	52	42		
MAKANDA 1 NW	MAX	86	88	88	83	80	83	87	89	91	91	82	91	71	78	78	86	89	90	90	93	88	78	78	78	82	83	83	82	73	72	83.4 57.9	
	MIN	58	64	71	65	61	54	60	68	62	63	68	68	57	49	53	62	63	58	61	64	60	45	48	48	52	52	52	60	51	40		
NASHVILLE 3 NW	MAX	84	85	88	82	82	82	89	91	90	90	81	89	77	71	80	88	89	89	90	93	88	77	77	79	78	80	84	86	78	74	83.7 53.5	
	MIN	53	65	70	63	61	47	54	64	55	56	66	68	55	47	47	58	57	53	54	55	59	50	42	46	42	42	41	46	51	34		
NEW BURNSIOE	MAX	86	90	87	84	82	82	88	88	89	91	89	91	70	77	78	86	85	88	88	91	89	78	77	78	78	82	84	83	75	74		



# DAILY SOIL TEMPERATURES

ILLINOIS  
SEPTEMBER 1963

STATION AND DEPTH	TIME	Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
URBANA	4 INCHES	6 AM	-	71	71	70	69	67	69	-	70	72	72	72	68	65	-	69	70	71	71	72	68	-	65	64	65	65	65	67	-	60	68.3	
		MAX	-	75	72	74	72	73	73	-	75	76	77	74	73	71	-	72	74	76	77	77	75	-	73	70	70	71	71	-	72	73.4 67.4		
	MIN	-	68	71	70	69	67	67	-	69	70	72	72	68	65	-	64	69	70	71	71	68	-	65	64	63	65	64	64	-	60			
	8 INCHES	6 AM	-	71	72	71	71	70	70	-	71	72	72	72	71	69	-	69	70	71	72	72	71	-	68	67	67	67	67	67	-	64		69.8
		MAX	-	72	72	73	71	72	70	-	73	72	74	72	72	71	-	70	71	72	73	72	72	-	71	68	68	68	68	68	-	69		
	MIN	-	71	71	71	71	70	70	-	70	71	72	72	72	71	-	69	69	69	70	71	72	71	-	68	67	67	67	67	-	69			

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER 01AL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS SOO. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p h				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 AM CST	NOON CST	6:00 PM CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
CAIRO WB CITY	NE‡	-	6.1	22	NW‡	12	-	-	-	-	1	1	1	2	0	0	5	72	5.3
CHICAGO O HARE AIRPORT	NNE	21	7.7	32+‡	NNE	28	79	79	52	63	4	1	3	1	1	0	10	-	6.3
CHICAGO MIDWAY AIRPORT	NE	19	8.7	34	NE	28	80	83	57	66	3	1	3	1	1	0	9	59	5.9
MOLINE WB AIRPORT	ESE	12	7.6	30	N	28	88	92	62	72	4	5	1	1	1	0	12	61	6.3
PEORIA WB AIRPORT	S	14	7.9	29	NW	28	83	91	57	60	6	1	0	3	0	0	10	72	5.3
ROCKFORD WB AIRPORT	SW	10	7.5	29+‡	NNE	28	85	89	58	66	3	1	3	1	2	0	10	-	6.0
SPRINGFIELD WB AIRPORT	S	10	8.0	28	N	29	79	85	54	64	2	4	2	0	0	0	8	86	4.6

‡ TO 8 COMPASS POINTS ONLY

## EVAPORATION AND WIND

Station	Day of month																															Total or Avg.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHWEST	EVAP	.16	.32	.07	.07	.12	.14	.12	.15	.14	.22	.12	.12	.15	.17	.14	.12	.15	.16	.27	.11	.15	.15	.19	.21	.18	.15	.19	.24	.23	.18	4.89	
	WIND	21	56	49	24	23	23	16	28	12	33	52	70	61	22	26	19	21	32	31	35	19	36	44	48	33	16	40	42	97	33		1062 82.0
	MIN	60	65	68	59	60	59	65	66	66	68	68	63	53	48	54	61	67	67	66	64	52	54	51	53	56	61	58	60	68	48		
EAST	EVAP	.11	.19	.09	.13	.15	.17	.14	.11	.20	.20	.22	.13	.20	.20	.16	.16	.21	.19	.24	.26	.17	.18	.20	.23	.19	.22	.19	.22	.22	.16	5.44	
	WIND	18	22	52	40	39	31	18	29	21	38	70	78	56	34	22	27	16	14	30	49	50	52	57	26	30	16	45	80	53	1142 81.7		
	MIN	76	86	79	81	79	83	82	86	88	90	90	82	82	74	77	81	88	87	89	88	82	77	76	79	76	78	80	81	82			75
WEST SOUTHWEST	EVAP	.15	.14	.14	.15	.18	.18	.13	.22	.16	.20	.17	.16	.24	.13	.15	.14	.19	.22	.24	.21	.27	.23	.22	.22	.24	.18	.23	.24	.33	.20	5.86	
	WIND	26	97	54	72	72	34	45	55	19	24	109	80	151	25	19	30	34	18	31	67	124	88	73	65	66	23	46	67	250	42		1906
	MIN	-	-	59	63	63	52	-	-	-	62	64	66	65	-	-	50	64	62	62	62	-	-	91	76	80	79	81	-	-	82		
SOUTHWEST	EVAP	.00	.00	.79	.15	.19	.19	.00	.00	.64	.30	.30	.12	.30	.00	.00	.53	.23	.24	.24	.24	.00	.00	.89	.26	.24	.26	.16	.00	.00	.75	7.02	
	WIND	.00	.00	204	48	54	49	.00	.00	115	40	40	102	138	.00	.00	146	37	33	19	32	.00	.00	286	73	45	48	20	.00	.00	275		1804
	MIN	.00	.00	91	81	87	81	.00	.00	90	90	78	92	.00	.00	83	88	88	90	90	.00	.00	91	76	80	79	81	-	-	82			

MAX AND MIN IN DAILY EVAPORATION TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

See reference notes following Station Index.



# STATION INDEX

ILLINOIS  
1963

STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES	OBSERVER
						TEMP. PRECIP. EVAP. SPECIAL											
ALBION	0055	EDWARDS	1	38 23	88 03	530 6P 6P		BESSIE ELLEN	MOUNT OLIVE 1 E	5917	MACOUPIN	4	39 04	89 42	685	6P	HAROLD HARBURGER
ALCO	0072	MERCER	4	41 13	90 45	732 6P 6P		GENE L BURGESS	MOUNT PULASKI	5927	LOGAN	1	40 01	89 17	645	5P	ALVA BROWN
ALEXIS WATERWORKS	0000	MORRISON	4	42 24	89 49	544 6P 6P		MUNICIPAL WATERWORKS	MOUNT STERLING	5939	BROWN	1	39 59	90 40	600	7A	HOMER L. REINAUER
ALTON DAM 26	0137	MAIDSON	4	38 53	90 11	420 6P 6P		U S CORPS OF ENGINEERS	MOUNT VERNON	5943	JEFFERSON	4	38 19	89 55	500	6P	H. H. BEANEY
ANNA I E	0187	UNION	5	37 28	89 14	605 6P 6P		J. SON MARTINE	MOHAVEUA	5950	SHELBY	2	39 38	89 02	615	6P	HALDON BOWEN
ANTIOCH	0203	LAKE	4	42 04	88 00	600 7P 7P		ROY KUMAR	MURPHYBORO WATERWORKS	5983	JACKSON	4	37 43	89 19	676	7P	C. E. SCHUMACHER
AUGUSTA 2	0330	HANCOCK	6	41 10	90 59	680 6P 6P		WALTER M. ROWLAND, SR.	NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	89 24	460	6P	R. E. SCHEIFER
AURORA COLLEGE	0358	KANE	1	41 45	88 29	716 7P 7P		AURORA COL PHYSICS DEPT	NEWARK 8 E	6049	KENNALL	1	41 33	88 26	870	7A	CORLEY HILLIARD
AVON 8 NE	0356	FULTON	1	42 10	90 22	800 6P 6P		JAMES S. MCKELM	NEW BURNSIDE DAM 1	6093	JACKSON	4	41 11	91 03	948	8A	U S CORPS OF ENGINEERS
BARRINGTON 1 N	0442	LAKE	1	42 10	88 09	810 6P 6P		CHICAGO AERIAL IND	NEW BURNSIDE	6093	JACKSON	5	35 35	88 46	560	5P	MCCABE
BARRY	0445	PIKE	4	39 41	91 03	640 7A		GEORGE E. GRIDER	NEWTON	6159	JASPER	7	39 00	88 10	513	6P	GEORGE H. PAYNE
BEARDSTOWN	0492	CASS	1	40 01	90 26	645 7A		THOMAS E. PHELPS	OLNEY	6446	RICHLAND	1	38 46	88 06	450	6P	RADIO STATION WLVN
BELLEVILLE SCOTT AS USE	0310	ST CLAIR	3	38 32	89 31	447 6P 6P		U S AIR FORCE	OREGON	6490	LOGAN	6	42 00	89 20	890	5P	CANNATION COMPANY
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	753 7A		CITY OF BELVIDERE	OTTAWA	6526	LA SALLE	4	37 45	89 08	674	7P	H. M. GADUIS
BENTLEY 1 NW	0598	HANCOCK	6	40 22	91 08	635 5A		GEORGE E FECHT	PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	U S AIR FORCE
BENTON FOREST SERVICE	0608	FRANKLIN	4	38 02	88 55	445 8A		MAX GRAM	PARK FOREST	6616	EDGAR	7	39 37	87 41	750	7P	CITY OF PARIS
BLOOMINGTON WATERWORKS	0161	MCCLEAN	1	40 30	89 01	775 7A		MERL L. BURGIN	PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	750	7P	CITY OF PARIS
BLOOMINGTON NORMAL	0168	MCCLEAN	1	40 30	89 00	810 4P 4P		ILL STATE NORMAL UNI	PARIS WATERWORKS	6610	EDGAR	7	39 38	87 42	739	7P	CITY OF PARIS
BLUFFS	0181	SCOTT	1	39 45	90 32	407 6P 6P		VERNON A. NORTHRUP	PARK FOREST	6616	EDGAR	7	39 30	87 41	710	MID MID	PARK FOREST WATER CO
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	330 6P 6A		U S CORPS OF ENGINEERS	PAN PAW	6661	LEE	1	41 41	88 59	928	7A	W. A. WOODS
CAIRO WB CITY	1136	ALEXANDER	4	37 00	89 10	314 MID MID		U S WEATHER BUREAU	PAYSON	6670	ADAMS	4	39 49	91 15	780	8A	U S CORPS OF ENGINEERS
CANTON	1250	FULTON	1	40 34	90 02	655 6P		FLOYD D. HAMMOND	PERJIA WB AIRPORT	6711	PERJIA	1	40 40	89 41	652	MID MID	U S WEATHER BUREAU
CARBONDALE SEWAGE PLANT	1265	JACKSON	4	37 48	91 12	330 6P 6P		HUGH DA BOTA	PERJIA WB AIRPORT	6725	WELLS	1	41 20	88 48	722	6P	HINA COTT
CARLINVILLE	1280	MACUPIN	1	39 17	89 52	625 6P 6P		JACK A. CAMPBELL	PERJIA SEWAGE PLANT	6753	LA SALLE	1	41 20	89 08	480	MID MID	PERJIA SEWAGE PLANT
CARLYLE	1288	CLINTON	2	38 36	89 22	461 7P 7A		MUN WATER AND POWER PL	PETERSBURG	6760	NEARH	1	40 00	89 51	590	6P	LESLIE AA LINA
CARLYLE RESERVOIR	1290	CLINTON	2	38 36	89 20	501 8A 2P		U S CORPS ENGINEERS	PIPER CITY	6789	FORD	4	40 43	88 11	670	7P	REV. ROBERT PITTSCH
CARMI & N	1296	WHITE	1	38 10	88 12	390 6P		HUBERT BOHLBEER	PITTSFIELD 3 NE	6833	PIKE	4	39 37	90 45	640	6P	PITTSFIELD WATERWORKS
CENTRALIA 2 NE	1386	MARION	2	38 35	89 07	476 6P		CITY OF CENTRALIA	PLEASANT HILL	6863	PIKE	4	39 21	90 52	471	6P	LOU GALLOWAY
CHANNAMON DRESDEN ISL	1436	COLES	1	39 29	88 11	710 5P 7A		U S CORPS OF ENGINEERS	PONTIAC	6871	LIVINGSTON	4	40 53	88 37	667	5P	ILLINOIS WATER SERV CO
CHARLESTON	1436	COLES	1	39 29	88 11	710 5P 7A		EASTERN ILL. UNIV.	PRAIRIE DU ROCHER	6893	RANDOLPH	4	39 05	90 06	396	7A	FRANCIS E. ROBERTS
CHENOA	1475	MCCLEAN	1	40 44	88 44	710 5P 5P		C. MERLE PARRY	PRINCETOWN 1 N	7004	PERJIA	1	40 57	89 46	725	6P	FRANK S. STEWART
CHESTER	1491	RANDOLPH	4	37 56	89 40	460 7A		ROBERT W. GARRIS	PRINCETOWN 1 NW	7016	WHITESIDE	6	41 40	89 36	605	6P	PUBLIC SERVICE CO M ILL
CHICAGO CALUMET TR WKS	1822	COOK	3	41 52	87 52	567 6P 6P		CHICAGO SANITARY DIST	QUINCY	7071	ADAMS	4	39 57	91 24	601	7P	U S AIR FORCE
CHICAGO LAKEVIEW PUMP STA	1532	COOK	3	41 52	87 40	592 6P 6P		CITY ENGR WATER PURIF	QUINCY FA 21	7071	ADAMS	4	39 54	91 24	601	MID MID	U S CORPS OF ENGINEERS
CHICAGO LOTOVA UNIV	1537	COOK	3	41 52	87 40	592 6P 6P		CHICAGO SANITARY DIST	QUINCY DAM 21	7071	ADAMS	4	39 54	91 24	601	MID MID	U S CORPS OF ENGINEERS
CHICAGO MAYFAIR PMP STA	1542	COOK	3	41 52	87 40	592 6P 6P		CITY ENGR WATER PURIF	QUINCY DAM 21	7071	ADAMS	4	39 54	91 24	601	MID MID	U S CORPS OF ENGINEERS
CHICAGO M BR PUMP STA	1547	COOK	3	41 52	87 42	595 6P 6P		CHICAGO SANITARY DIST	QUINCY DAM 21	7071	ADAMS	4	39 54	91 24	601	MID MID	U S CORPS OF ENGINEERS
CHICAGO O HARE AIRPORT	1549	COOK	3	41 58	87 56	698 MID MID		U S WEATHER BUREAU	QUINCY DAM 21	7071	ADAMS	4	39 54	91 24	601	MID MID	U S CORPS OF ENGINEERS
CHICAGO ROSELAND PMPG	1550	COOK	3	41 58	87 56	698 MID MID		CITY ENGR WATER PURIF	QUINCY DAM 21	7071	ADAMS	4	39 54	91 24	601	MID MID	U S CORPS OF ENGINEERS
CHICAGO SAN DIST DISP	1557	COOK	3	41 50	87 42	602 6P		CHICAGO SANITARY DIST	QUINCY DAM 21	7071	ADAMS	4	39 54	91 24	601	MID MID	U S CORPS OF ENGINEERS
CHICAGO SAN DIST OFFICE	1562	COOK	3	41 54	87 38	630 6P		CHICAGO SANITARY DIST	ROCHELLE 1 W	7349	OGLE	6	41 55	89 04	798	8A	CALIFORNIA PACKING CORP
CHICAGO S FILTER PLANT	1564	COOK	3	41 45	87 33	611 6P		CITY ENGR WATER PURIF	ROCKFORD 6 NE	7372	WINNEBAGO	6	42 18	88 59	880	7A	HARRIS L. RENO
CHGO SPRINGFIELD PMPG	1567	COOK	3	41 55	87 46	630 6P		CITY ENGR WATER PURIF	ROCKFORD WB AIRPORT	7386	WINNEBAGO	6	42 12	88 09	728	MID MID	U S WEATHER BUREAU
CHICAGO UNIVERSITY	1572	COOK	3	41 27	87 26	527 11A 11A		U S WEATHER BUREAU	ROCKFORD	7407	PIKE	4	39 32	91 01	625	6P	RICHARD CRIM
CHICAGO WB AIRPORT	1577	COOK	3	41 47	87 45	610 MID MID		U S WEATHER BUREAU	RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	660	6P	GAIN BROS GREENHOUSE
CHICAGO WB CITY	1582	COOK	3	41 47	87 45	610 MID MID		U S WEATHER BUREAU	SAINT MARIE	7603	JASPER	7	38 56	88 01	500	7A	JUSSON EY CAMERON
CHILLICOTHE	1627	PERJIA	1	40 55	89 19	450 6P 6P		J. W. HANCOCK	SALEM	7636	MARION	2	38 38	88 57	550	6P	CITY WATER DEPARTMENT
CIENE 2 SE	1644	WAYNE	7	38 31	88 26	450 6P 6P		JEANINE M. BURGE	SHABDONA 5 NNE	7833	DEKALB	6	41 50	88 51	870	7A	UNIV OF ILL N EXP FIELD
EAST LOST LOUIS PARCS CO	1715	UNION	1	38 10	91 15	746 6P 6P		R. G. ANDERSON	SHANNONETOWN NEW TOWN	7859	GALLATIN	5	37 43	88 17	400	7A	JACK M. STEWART
EDWARDSVILLE 1 5SW	1944	RANDOLPH	2	36 11	89 36	510 6P		C. WARREN BIRCHER	SIDELL	7930	COOK	3	42 01	87 43	600	6P	CHICAGO SANITARY DIST
COUTE	2011	WILL	3	41 27	87 38	630 6P		VILLAGE OF CRETE	SPARTA	8147	RANDOLPH	4	38 08	89 42	539	6P	HOME V. MORGAN
DANVILLE	2140	VERMILION	7	39 08	87 39	558 5P		INTERSTATE WATER CO	SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID MID	CHICAGO SANITARY DIST
DANVILLE SEWAGE PLANT	2145	VERMILION	7	39 08	87 36	527 6P 6P		FRANKLIN SEWAGE PLANT	SPRINGFIELD WB AIRPORT	8179	SANGAMON	1	39 50	89 40	587	MID MID	CHICAGO SANITARY DIST
DECATUR	2193	MACON	1	38 51	88 58	610 7P 7P		H. ETHELDA C. COONRAD	STOCKTON	8293	DU PAVIES	4	42 21	90 00	1005	6P	RICHARD J. TOWNSEND
DIXON	2348	LAKE	6	41 50	89 29	696 6P 6P		ROBERT H. NELLIS	STRETCHER 3 N	8553	LA SALLE	1	41 09	88 50	645	5P	RADIO STATION W2LN
DOONS 2 NE	2487	MCCLEAN	1	40 55	88 51	501 6P 6P		COOK A. DE WITT	STUCKY MEMORIAL BRIDGE	8218	COOK	3	41 49	87 46	617	6P	FRANK M. VOLLBRACHT
DU QUOIN 2 S	2483	PERRY	4	37 59	89 14	430 6P 6P		ILLINOIS STATE POLICE	SYCAMORE	8452	DEKALB	6	41 59	88 41	840	6P	MRS. FRANK C. WEEAN
EAST LOST LOUIS PARCS CO	2614	ST CLAIR	1	38 14	90 11	410 7P 7P		HAROLD O. PRICE	TAYLORVILLE	8604	URBANA	1	41 17	89 30	512	6P	ORVILLE L. WEAVER
EDWARDSVILLE	2642	PERJIA	1	40 56	89 38	600 6P		MRS. DELMAR J. GEBHART	TISKIWA	8604	URBANA	1	41 17	89 30	512	6P	ORVILLE L. WEAVER
EDWARDSVILLE	2642	PERJIA	1	40 56	89 38	600 6P		MRS. DELMAR J. GEBHART	TOULON	8630	STARK	1	41 05	89 52	752	5P	ERNEST R. ROSSON
EFFINGHAM	2487	EFFINGHAM	7	39 07	88 33	595 6P		CLIFFORD R. MANUEL	TUSCULA	8664	DOUGLAS	7	39 48	88 17	653	5P	DEKALB AG ASSN
ELGIN	2136	KANE	1	42 02	87 17	820 7A		W. O. BECKER	URBANA	8740	CHAMPAIGN	7	40 06	88 11	743	MID MID	STATE WATER SURVEY
ELIZABETHTOWN	2190	MARION	2	38 06	88 40	600 6P 6P		LORRENZO D. GLENDROW	UTICA STARVED ROCK DAM	8756	LA SALLE	1	41 19	88 59	484	7A	U S CORPS OF ENGINEERS
EVANSTON PUMPING STA	2888	COOK	3	42 02	87 41	625 6P		CHICAGO SANITARY DIST	VANDALLIA 1 SW	8761	FAYETTE	2	38 57	89 06	800	6P	GEORGE ENGLAND
FAIRBURY WATERWORKS	2923	LIVINGSTON	1	40 46	88 31	691 6P 6P		DEPT OF WATERWORKS	VANALDIA FAA AIRPORT	8783	FAYETTE	2	38 59	89 10	532	MID MID	U S FED AV

REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Monthly Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

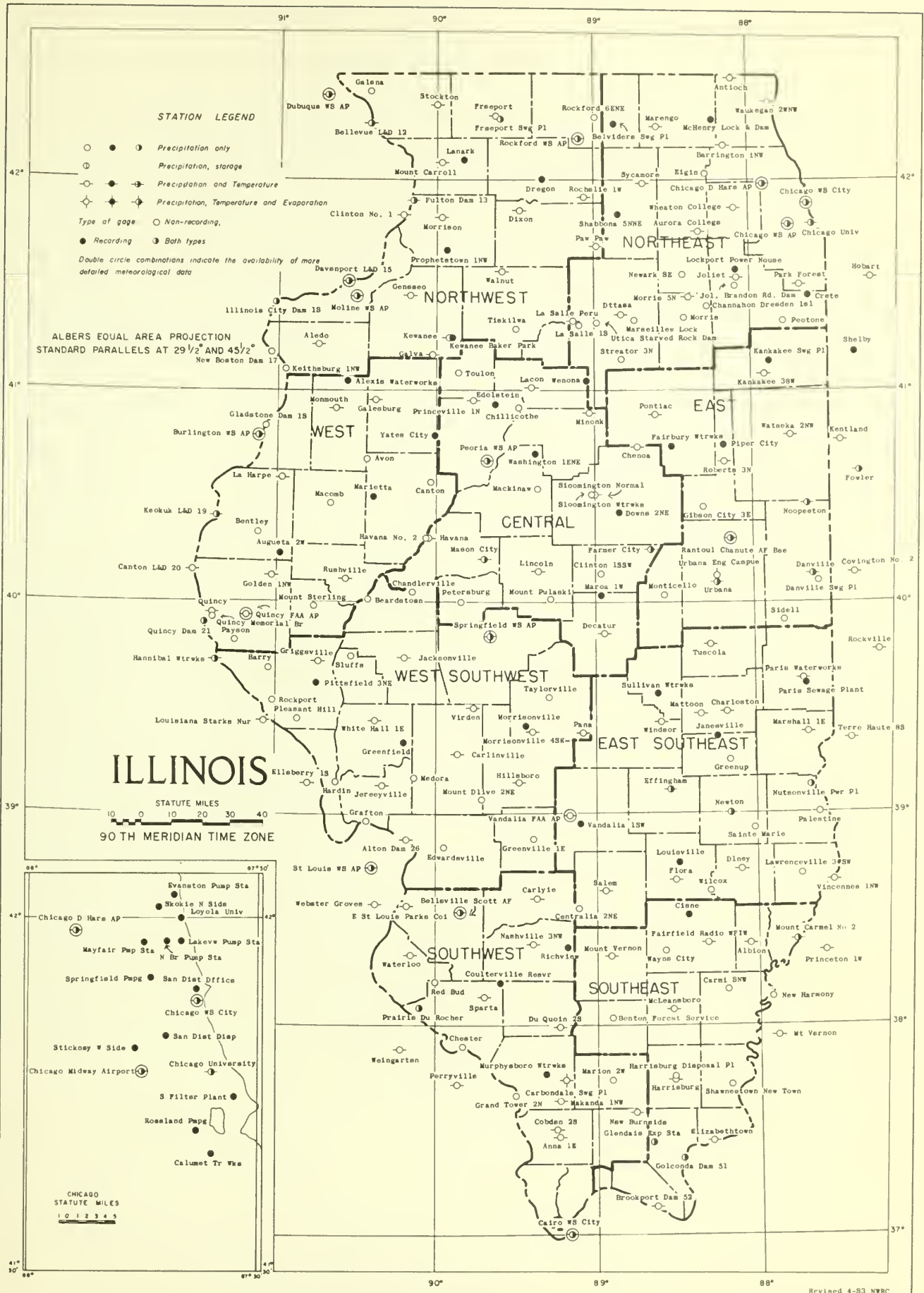
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.
- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-ASHEVILLE---12-3-63---900



**STATION LEGEND**

- ● ○ Precipitation only
- ● ○ Precipitation, storage
- ● ○ Precipitation and Temperature
- ● ○ Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording, ● Recording ○ Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°  
New Boston Dam 17

**ILLINOIS**  
STATUTE MILES  
10 20 30 40  
90 TH MERIDIAN TIME ZONE







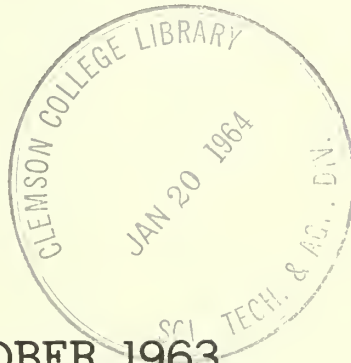




U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS



OCTOBER 1963

Volume 68 No. 10



## TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 95° on the 11+ at 6 stations

Lowest Temperature: 25° on the 30th at 3 stations

Greatest Total Precipitation: 3.20 inches at Virginia

Least Total Precipitation: 0.02 inch at Harrisburg Disposal Pl

Greatest One-Day Precipitation: 1.81 inches on the 31st at McLeansboro

## SPECIAL WEATHER SUMMARY

There has been a shortage of precipitation over nearly all of Illinois during the past 12 months. This prolonged period of inadequate moisture started in November 1962 over most of the State, about 3 months earlier in the northeast. A study of frequency of dry periods in Illinois, made by Huff and Changnon of the Illinois State Water Survey <sup>1/</sup>, indicates a 12-month dry period of this intensity occurs about once in 8 to 10 years. More than half of Illinois has had less than normal precipitation during 10 of the last 12 months. Only one of the nine climatological divisions (West Southwest) has had normal, or above, precipitation in more than 3 of the 12 months.

The pattern is far from uniform. The Southwest Division has the lowest average percent of normal precipitation (63) for the 12 months starting in November 1962. The West Southwest Division, directly to the north, has the highest average percent of normal (85) with both Pleasant Hill and White Hall receiving slightly more than normal. From the extreme northwest to the extreme southeast are small areas of approximately 60 percent or less of normal precipitation for the year, such dry periods having averaged in the past only about 1 year in from 25 to 50.

November 1962 was the first of 4 consecutive months during which the entire State had below normal precipitation. The November shortage is important because it is during the fall months that much of the soil moisture should be stored for crops the following year. Winter precipitation is not so significant from a soil moisture standpoint for most of Illinois. The soil surface remains frozen during much of the winter and precipitation does not "soak in" to any great extent. Even when the snow melts in the spring a large percentage is lost in runoff before the ground surface thaws. This was true during the severe cold of last winter when the average temperature was about 4° below normal in December and from 8° to 12° below in January and February.

March was 1 of the 2 months when above normal precipitation was general over Illinois. Temperatures in March averaged about 5° above normal. The abnormally high temperature enabled the soil to absorb much of the rain during the latter part of March, although considerable moisture was lost as runoff over frozen ground early in the month.

Dry weather prevailed again the following 3 months and by the end of June more than 80 percent of the State reported a soil moisture shortage. Both corn and soybeans were badly in need of rain. Rains did return almost with the advent of July and fell "as good rain should". Nearly a third of July days had measurable rain and the heavier amounts fell during 4 periods. The spacing of from 5 to 8 days between major rainfalls allowed for adequate crop usage.

The dry period of the past 3 months (August through October) is not, in itself, significant over most of Illinois. It only aggravated an already existing moisture shortage. With the exception of isolated spots, such as Morrison (Northwest Division), the 3-month drought is concentrated from Kankakee south along the eastern edge of Illinois and in the far south. But even here the extremely dry area is not continuous. Paris and Sidell have had more than 80 percent of normal precipitation for the 3 months. A 3-month drought such as experienced around Kankakee, Hoopeston, Marshall, Newton, Palestine, Flora, Fairfield, Albion, and Carbondale has averaged once in every 10 to 15 years in the past.

Hardest hit by this 3-month drought are two north-south strips in southern Illinois. One is a narrow strip along the Wabash River from Lawrenceville through Mt. Carmel to about Shawneetown. The second strip includes most of the area from Carlyle and Salem on the north, through Centralia, Nashville, Mt. Vernon, Benton, and Marion, to about the Makanda, Cobden, Anna area. Previously such a dry period has averaged only about once in 50 years in these areas.

The most alarming aspect of this 3-month below normal rainfall period is that it came during a period when the ground should be storing moisture for 1964 crops. This past month was the warmest October on record in Illinois but colder weather and frozen ground cannot be far off.

<sup>1/</sup> All frequencies of droughts based on unpublished study of Huff and Changnon of Illinois State Water Survey, Urbana, Illinois.

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# CLIMATOLOGICAL DATA

ILLINOIS  
OCTOBER 1963

Station	Temperature											Precipitation														
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow/Sleet			No. of Days				
										Max.	Min.	31° or Above	31° to 30°	30° to 20°					20° to 10°	10° to 0°	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
<b>NORTHWEST</b>																										
ALEDO	77.7	52.8	65.3	9.9	91	6	32	29	79	1	0	1	0	0	.82	- 1.86	.40	19	.0	0			3	0	0	
OIXON	76.8	50.4	63.6	9.4	93	6	32	30	103	1	0	2	0	0	.73	- 1.94	.66	17	.0	0			1	1	0	
FREEPORT	74.2	49.1	61.7	9.6	88	6	28	30	146	0	0	3	0	0	.23	- 2.02	.12	16	.0	0			1	0	0	
FULTON OAM 13	75.2	52.5	63.9	8.9	86	6	34	30	88	0	0	0	0	0	.26		.14	26	.0	0			1	0	0	
GALVA	77.1	50.9	64.0	8.6	90	6	31	29	90	1	0	2	0	0	1.47	- 1.38	.94	17	.0	0			3	1	0	
<b>GENESEO</b>																										
HENNEPIN POWER PLANT	77.9	52.1	64.6	9.1	91	6	33	29	92	1	0	0	0	0	.63	- 1.99	.20	19	.0	0			3	0	0	
KEWANEE	76.9	48.9	63.4	9.2	92	6	30	30	103	1	0	2	0	0	1.11		.57	27	.0	0			5	1	0	
MOLINE WB AIRPORT	77.4	51.3	64.4	10.1	90	6	34	29	82	1	0	0	0	0	1.81		.81	17	.0	0			4	1	0	
MORRISON	78.3	49.1	63.7	9.2	93	6	28	30	99	2	0	2	0	0	.27	- 2.27	.17	14	.0	0			1	0	0	
<b>MOUNT CARROLL</b>																										
PAW PAW	74.0	49.0	62.2	9.2	88	6	28	30	123	0	0	2	0	0	.25	- 2.20	.08	31	.0	0			0	0	0	
ROCHELLE 1 W	74.4	47.5	60.8	8.8	7	28	29	147	0	0	2	0	0	0	1.03	- 1.97	.61	17	.0	0			3	1	0	
ROCKFORD WB AIRPORT	74.8	47.9	61.2	9.1	86	29	29	156	1	0	3	0	0	0	.69	- 1.84	.46	16	.0	0			2	0	0	
STOCKTON	73.1	49.1	62.0	9.5	90	6	32	30	127	1	0	1	0	0	1.04	- 1.66	.80	16	.0	0			2	1	0	
<b>WALNUT</b>																										
DIVISION 01	76.0	51.7	63.9	8.9	92	6	29	29	100	1	0	1	0	0	1.05	- 1.66	.80	17	.0	0			3	1	0	
<b>NORTHEAST</b>																										
ANTIUCH	72.7	49.6	61.2	8.9	88	6	34	29	146	0	0	0	0	0	.33		.12	16	.0	0			2	0	0	
AURORA COLLEGE	75.3	49.0	62.2	8.9	90	6	30	30	124	1	0	1	0	0	.66	- 2.21	.20	15	.0	0			3	0	0	
BARRINGTON 1 NW	74.6	48.6	61.6	8.7	6	29	30	149	0	0	4	0	0	0	.76		.48	17	.0	0			2	0	0	
CHICAGO O HARE AIRPORT	74.9	46.1	60.5	9.0	6	27	30	176	1	0	5	0	0	0	.28		.11	31	.0	0			1	0	0	
CHICAGO UNIVERSITY	74.2	54.8	64.5	8.8	92	6	40	29	93	1	0	0	0	0	.89	- 1.82	.40	19	.0	0			2	0	0	
<b>CHICAGO WB AIRPORT</b>																										
CHICAGO WB CITY	71.8	52.8	64.3	8.2	90	6	42	29	90	1	0	0	0	0	.30	- 2.51	.10	31	.0	0			1	0	0	
JOLIET	77.6	50.9	64.3	9.3	6	34	30	97	2	0	0	0	0	0	.73		.24	19	.0	0			4	0	0	
MARFNGO	73.7	47.6	60.7	9.0	6	26	30	160	1	0	3	0	0	0	1.04		.49	17	.0	0			4	0	0	
MORRIS 5 N	77.9	47.0	62.5	7.6	95	6	27	30	125	1	0	2	0	0	.85	- 1.65	.22	31	.0	0			4	0	0	
<b>OTTAWA</b>																										
PARK FOREST	79.5	51.4	65.5	10.0	94	6	31	30	87	1	0	2	0	0	.41	- 2.01	.15	27	.0	0			3	0	0	
PERU SEWAGE PLANT	75.0	51.2	63.1	9.1	6	35	29	125	1	0	0	0	0	0	1.45		.55	26	.0	0			3	1	0	
SYCAMORE	77.1	51.1	64.1	9.1	6	32	30	106	1	0	1	0	0	0	.92		.36	26	.0	0			3	0	0	
WAUKEGAN 2 WNW	75.2M	48.9M	62.1M	9.3	92	6	30	30	131	1	0	3	0	0	.87	- 2.02	.42	17	.0	0			4	0	0	
<b>WHEATON COLLEGE</b>																										
DIVISION 02	73.7	51.2	62.5	8.5	90	6	34	29	123	1	0	0	0	0	.38		.18	18	.0	0			1	0	0	
<b>WEST</b>																										
GALESBURG	77.0	52.2	64.6	9.1	6	31	29	96	1	0	1	0	0	0	1.23	- 1.68	.50	18	.0	0			3	1	0	
GOLDEN 1 NW	82.1	51.5	66.8	9.2	10	31	29	65	6	0	1	0	0	0	1.17	- 1.69	.46	19	.0	0			3	0	0	
LA HARPE	80.4M	51.5M	66.0M	9.6	94	6	32	29	72	3	0	1	0	0	.54	- 2.28	.34	19	.0	0			1	0	0	
MONMOUTH	78.2	51.1	64.7	9.1	91	6	29	29	92	1	0	1	0	0	1.02	- 1.72	.61	19	.0	0			2	1	0	
QUINCY	81.0	56.7	68.9	10.9	94	6	35	29	55	4	0	0	0	0	1.74	- 1.11	.74	27	.0	0			5	1	0	
QUINCY FAA AIRPORT	79.2	54.5	66.9	9.1	6	31	29	74	1	0	1	0	0	0	1.26		.60	27	.0	0			4	1	0	
RUSHVILLE	M 51.0	M	M				32	29				1	0	0	1.63	- 1.06	.80	19	.0	0			4	2	0	
<b>DIVISION 03</b>																										
<b>CENTRAL</b>																										
BLOOMINGTON NORMAL	79.0	53.6	66.3	9.6	90	7	35	30	76	2	0	0	0	0	1.22	- 1.58	1.16	19	.0	0			1	1	1	
CHENOA	78.3M	48.1M	63.2M	9.0	7	28	30	115	1	0	2	0	0	0	.55		.40	19	.0	0			2	0	0	
OECAUR	80.3	52.7	66.5	8.8	92	7	31	29	70	2	0	1	0	0	1.80	- 1.38	1.70	19	.0	0			1	1	1	
FARMER CITY	79.8M	48.7M	64.3M	9.2	7	30	30	95	2	0	2	0	0	0	1.79		1.05	19	.0	0			3	2	1	
HAVANA	79.5	50.9	65.2	8.7	90	6	34	30	79	1	0	0	0	0	1.81	- .81	.86	19	.0	0			4	1	0	
<b>LACON</b>																										
LINCOLN	79.3	50.2	64.8	8.3	90	6	30	29	95	1	0	1	0	0	1.26	- 1.52	.65	19	.0	0			2	1	0	
MASON CITY	79.0	51.3	65.2	9.0	6	32	29	84	1	0	1	0	0	0	.68		.59	19	.0	0			1	1	0	
MINCK	79.6	46.8	63.2	9.3	6	27	30	110	1	0	3	0	0	0	.45	- 2.09	.22	19	.0	0			2	0	0	
PEORIA WB AIRPORT	77.1	51.2	64.2	8.9	90	6	34	30	93	1	0	0	0	0	1.42	- 1.11	.62	19	.0	0			4	1	0	
PRINCEVILLE 1 N	M	M	M												1.85	- .45	.63	31	.0	0			4	3	0	
<b>DIVISION 04</b>																										
<b>EAST</b>																										
OSANVILLE	78.9	46.3	62.6	6.7	91	7	28	30	108	1	0	2	0	0	.84	- 2.22	.84	19	.0	0			1	1	0	
HOOPESTON	76.5	48.7	62.6	6.7	90	7	30	30	116	1	0	2	0	0	.68	- 2.53	.22	19	.0	0			3	0	0	
KANKAKEE 3 SW	77.9	47.5	62.7	7.5	91	6	29	30	119	1	0	1	0	0	.67	- 2.05	.31	27	.0	0			2	0	0	
PONTIAC	80.1	51.4	65.8	9.6	91	6	30	30	81	2	0	1	0	0	.31	- 2.35	.29	19	.0	0			1	0	0	
RANTOUL CHANUTE AFB	75.6	47.1	61.4	9.0	7	29	30	132	1	0	1	0	0	0	1.19		1.03	19	.0	0			1	1	1	
<b>ROBERTS 3 N</b>																										
URBANA	78.1	48.5	63.3	7.9	91	6	30	30	110	1	0	1	0	0	.59	- 2.16	.33	19	.0	0			2	0	0	
WATSEKA 2 NW	77.8M	51.1	64.5M	9.0	7	32	30	84	1	0	1	0	0	0	1.69	- 1.32	1.22	19	.0	0			3	1	1	
<b>DIVISION 05</b>																										
<b>WEST SOUTHWEST</b>																										
ALTON OAM 26	79.6	55.9	67.8	8.0	90	11	36	30	57	2	0	0	0	0	1.24		.93	18	.0	0			2	1	0	
CARI INVILLE	81.1	51.3	66.2	8.0	93	11	31	30	74	4	0	1	0	0	1.47	- 1.50	.73	19	.0	0			3	1	0	

# CLIMATOLOGICAL DATA

ILLINOIS  
OCTOBER 1963

CONTINUED

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	80° or Above	32° or Below	40° or Below										
GRIGGSVILLE	80.3	54.5	67.4	9.2	92	10	33	29	62	2	0	0	0	1.02	.28	27	.0	0	5	0	0		
HILLSBORO	81.0	51.2	66.1	7.8	91	11	30	30	76	2	0	1	0	.97	.28	18	.0	0	4	0	0		
JACKSONVILLE	80.0	52.9	66.5	9.2	90	10	33	29	66	2	0	0	0	1.89	1.22	19	.0	0	4	1	1		
JERSEYVILLE	82.4	52.4	67.4		93	7	33	29	69	4	0	0	0	1.28	.60	31	.0	0	3	2	0		
MORRISONVILLE 4 SE	79.3	50.9	65.1	7.9	90	11	30	29	89	2	0	1	0	1.38	.72	19	.0	0	3	1	0		
PANA	76.5	51.7	64.1	6.3	88	7	33	30	90	0	0	0	0	1.58	.83	19	.0	0	3	1	0		
SPRINGFIELD WB AIRPORT R	79.9	52.8	66.4	9.7	91	7	35	30	80	2	0	0	0	1.07	.88	19	.0	0	1	1	0		
WIROEN	81.3	51.6	66.5		93	7	31	29	72	3	0	1	0	1.63	.99	19	.0	0	2	2	0		
WHITE MALL 1 E	79.5	51.7	65.6	7.2	91	10	33	30	73	1	0	0	0	2.23	.75	17	.0	0	5	2	0		
DIVISION 06			66.3	8.4										1.43	- 1.52		.0						
EAST SOUTHEAST																							
CHARLESTON	79.4	52.7	66.1		90	7	33	29	71	1	0	0	0	.79	.38	20	.0	0	3	0	0		
EFFINGHAM	80.5	50.5	65.5	8.2	92	7	31	30	77	3	0	1	0	1.25	.80	19	.0	0	2	1	0		
FLORA 2 NW	81.5	47.4	64.5	5.6	93	11	26	30	88	2	0	2	0	.89	.62	31	.0	0	2	1	0		
MARSHALL 1 E	79.2	45.5	62.4		90	7	27	30	113	1	0	1	0	.54	.36	19	.0	0	2	0	0		
MATTOON	77.4	49.9	63.7		89	7	30	30	104	0	0	1	0	.92	.63	19	.0	0	2	1	0		
MORFAQUA	79.4	49.0	64.2		90	7	31	30	90	1	0	2	0	1.43	1.16	19	.0	0	2	1	1		
NEWTON	80.8	50.2	65.5		91	11	30	30	74	2	0	1	0	.89	.25	27	.0	0	4	0	0		
OLNEY	81.0	45.0	63.0	4.0	92	11	27	30	109	3	0	2	0	.72	.39	31	.0	0	3	0	0		
PALFSTINE	82.4	48.5	65.5	7.5	92	7	30	30	72	7	0	1	0	.78	.41	27	.0	0	3	0	0		
PARIS WATERWORKS	77.9	50.9	64.4	7.1	90	7	31	30	94	1	0	1	0	.48	.30	19	.0	0	2	0	0		
SALFM	81.9	49.7	65.8		93	11	28	30	65	3	0	1	0	.90	.70	31	.0	0	1	1	0		
TUSCOLA	79.6	48.9	64.3		92	7	29	30	90	1	0	2	0	.51	.43	19	.0	0	1	0	0		
VANDALIA FAA AIRPORT	80.4	46.7	63.6		93	11	25	30	103	3	0	2	0	.99	.57	31	.0	0	3	1	0		
WINDSOR	78.7	48.0	63.4	6.3	89	7	32	30	97	0	0	2	0	1.19	.83	19	.0	0	3	1	0		
DIVISION 07			64.4	6.6										.88	- 2.07		.0						
SOUTHWEST																							
ANNA 1 E	82.2	51.8	67.0	6.8	91	11	35	30	51	1	0	0	0	.19	.08	27	.0	0	0	0	0		
BELLEVILLE SCOTT AF BS	79.8	51.4	65.6		92	11	30	30	74	2	0	1	0	.92	.46	31	.0	0	3	0	0		
CAIRO WB CITY	81.4	56.5	69.0	7.1	92	11	38	30	35	1	0	0	0	.36	.35	31	.0	0	1	0	0		
CARBONDALE SEWAGE PL	83.4M	47.9M	65.7M	6.1	95	11	25	30	70	3	0	2	0	.23	.12	18	.0	0	1	0	0		
CARLYLE	82.3M	50.7M	66.5M		95	11	29	30	64	6	0	2	0	.75	.32	31	.0	0	4	0	0		
CARLYLE RESERVOIR	81.6	51.5	66.6		93	12	31	30	60	3	0	2	0	.67	.29	31	.0	0	2	0	0		
COBLEN 2 S	81.5	48.8	65.2		89	11	28	30	60	0	0	1	0	.13	.08	12	.0	0	0	0	0		
DU QUOIN 2 S	82.1	50.0	66.1	6.4	94	11	27	30	60	2	0	1	0	.37	.25	27	.0	0	1	0	0		
EAST ST LOUIS PKS COL	81.9	54.4	68.2		92	11	34	30	49	3	0	0	0	1.51	.98	18	.0	0	2	1	0		
MAKANOA 1 NW	81.6	56.0	68.8		91	11	36	29	44	1	0	0	0	.27	.16	27	.0	0	1	0	0		
NASHVILLE 3 NW	81.8	50.1	66.0		93	11	27	30	69	2	0	2	0	1.15	.58	31	.0	0	4	1	0		
NEW BURNSIDE	81.8	51.4	66.6	6.9	90	11	29	30	60	1	0	2	0	.32	.30	27	.0	0	1	0	0		
SPARTA	83.2	53.4	68.3	7.5	95	11	30	29	58	6	0	1	0	.64	.24	31	.0	0	4	0	0		
WATERLOO	83.5	57.5	70.5		94	11	37	29	44	8	0	0	0	1.21	.76	18	.0	0	2	1	0		
DIVISION 08			67.2	7.3										.62	- 2.48		.0						
SOUTHEAST																							
ALBION	82.7	52.1	67.4		95	11	34	30	53	4	0	0	0	.73	.62	31	.0	0	2	1	0		
BROOKPORT OAM 52	82.9	46.4M	64.7M		90	11	28	30	69	1	0	2	0	.11	.11	28	.0	0	1	0	0		
ELIZABETHTOWN	81.9	47.1	64.5		91	11	26	30	66	1	0	1	0	.87	.84	27	.0	0	1	1	0		
FATFIELD RADIO WFIW	81.4	50.1	65.8	6.3	93	11	28	30	73	2	0	1	0	1.42	1.00	31	.0	0	3	1	1		
HARRISBURG	84.5	46.7	65.6	5.4	95	11	25	30	65	8	0	1	0	.08	.05	27	.0	0	0	0	0		
MCLANSBORO	81.8	49.9	65.9	5.8	94	11	27	30	60	1	0	1	0	2.02	1.81	31	.0	0	2	1	1		
MOUNT CARMEL	81.7	45.9	63.8		93	12	28	30	89	2	0	1	0	.70	.40	27	.0	0	2	0	0		
MOUNT VERNON	82.4	50.2	66.3	7.0	94	11	28	30	58	4	0	1	0	.29	.20	31	.0	0	1	0	0		
DIVISION 09			65.5	5.8										.78	- 2.06		.0						

See Reference Notes Following Station Index



# DAILY PRECIPITATION

ILLINOIS  
OCTOBER 1963

Continued

Station	Total	Day of Month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
EDWARDSVILLE	1.45											.02							.72													.71		
GRAFTON	1.06											.03				T	.28	.65														.10		
GREENVILLE I E	1.02											T					.03	.65		.03												.38		
GRIGGSVILLE	1.02																.16	.14	.24									.28	.15			.03		
HARJOIN	1.35															T	.14	.87														.34		
HILLSBORO	.97																		.28	.22												.20		
JACKSONVILLE	1.89															T	.36	.16	1.22							T		.13		T		.02		
JERSEYVILLE	1.28											.02					.12	.53	.01													.60		
MEORA	.61										T						.32	.03								T		.02				.24		
MORRISONVILLE 4 SE	1.38																	.31	.72							T		.07				.28		
MOUNT OLIVE I E	.83																	.46	.12													.24		
PANA	1.58											.08					.01	.23	.83							T		.05				.38		
PLEASANT HILL	1.06																.40	.06	.31	.05						T		.12				.12		
ROCKPORT	.90																.10		.35													.10		
SPRINGFIELD WB AIRPORT R	1.07																.08	T	.05	.88												.03		
TAYLORVILLE	1.48																		.08	.79	.51											.07		
VIROEN	1.63																		.55	.99												.09		
VIRGINIA	3.20														.02	T	.67	.11	1.08													.22		
WHITE HALL I E	2.23																.61	.75	.44	.04													.21	
EAST SOUTHEAST																																		
CENTRALIA 2 NE	.66											.02																					.24	
CHARLESTON	.79																.02		.20	.38									.02				.38	
EFFINGHAM	1.25																.04	.03	.80										.09				.24	
FLORA 2 NW	.89																.03	.05	.01														.62	
GREENUP	.75																		.41														.22	
HUTSONVILLE POWER PL	.61											.07							.15	.09												.30		
LAWRENCEVILLE 3 WSW	.91											.04						.05	.36														.35	
MARSHALL I E	.54																																.10	
MATTOON	.92											T					.02	.04	.63														.21	
MONMOUTH	1.43																	.21	1.16														.06	
NEWTON	.89											.15					T	T	.25														.25	
OLNEY	.72											.05	.02						.12	.02													.12	
PALESTINE	.78											T	T	.12				.01	.01														.41	
PARIS WATERWORKS	.48																	.07	.30														.23	
SARINE MARIE	.91												.17						.12	.14													.11	
SALEM	.90											.02						T	.05	.05													.08	
TUSCULA	.51											T							.43	.08													.70	
VANDALIA FAA AIRPORT	.99																T	.01	.19	.18													.04	
WILCOX	.30											.12							.06														.12	
WINOSOR	1.19																	.18	.83														.18	
SOUTHWEST																																		
ANNA I E	.19																	.03																.08
BELLEVILLE SCOTT AF BS	.92																		.27														.01	
CAIRO WB CITY	.36																																.01	
CARBONDALE SEWAGE PL	.23												.02	T					.12														.09	
CARLYLE	.75																		.16	.10													.32	
CARLYLE RESERVOIR	.67																	.09	.07														.09	
CHESTER	.47																		.22	.07													.05	
COBGEN 2 S	.13																		.10	.02													.05	
OU QUON 2 S	.37																	.05															.25	
EAST ST LOUIS PK5 COL	1.51																	.04	T	.98													.05	
GRAND TOWER 2 N	.29												.03	.08																			.18	
MAKANDA T NW	.27																	.06															.16	
MARION 2 W	.10																	.03																.07
NASHVILLE 3 NW	1.15												.14					.10	.24														.05	
NEW BURNSTOE	.32																	.02																.30
PRAIRIE DU ROCHER	.49																																	.17
RED BUD	1.54																		.12														.04	
SPARTA	.64																		.13															.13
WATERLOO	1.21																	.10	.04	.76													.02	
SOUTHEAST																																		
ALBION	.73																																	.11
BENTON FOREST SERVICE	.41																			.08														.28
BROOKPORT DAM 52	.11																																.11	
CARMI 6 NW	1.89																																	.38
ELIZABETHTOWN	.87																																	.84
FAIRFIELD RADIO WFIW	1.42																																	.18
GLENDORA EXP STATION	.44																																	.22
GOLCONDA DAM 51	.20																																	.20
HARRISBURG	.08																																	.05
HARRISBURG DISPOSAL PL	.02																																	.02
MCLEANSBORO	2.02																																	.02
MOUNT CARMEL	.70																																	.30
MOUNT VERNON	.29																																	.02
SHANNETTOWN NEW TOWN	.08																																	T
WAYNE CITY	.58																																	



# DAILY TEMPERATURES

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Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
<b>NORTHWEST</b>																																	
AIEDO	MAX MIN	81 50	85 55	79 48	75 48	86 54	91 56	82 58	78 50	81 50	82 59	79 57	73 51	77 40	82 49	88 59	81 61	72 58	76 59	80 59	79 56	77 58	83 61	84 60	81 59	77 60	83 60	75 50	60 38	57 32	64 32	59 45	77.7 52.8
DIXON	MAX MIN	81 79	82 52	75 49	74 42	85 51	93 52	82 55	76 46	83 47	84 54	77 55	73 49	77 40	81 41	87 49	78 59	75 59	74 59	77 58	75 58	76 58	84 59	85 59	81 58	75 61	82 53	74 50	59 37	58 32	63 32	54 45	76.8 50.4
FREESPORT	MAX MIN	79 52	81 53	72 44	81 43	82 49	88 59	81 55	73 43	80 44	79 56	75 50	71 46	73 37	78 35	71 45	73 62	78 59	73 56	70 57	77 50	71 57	74 83	75 63	84 61	80 60	74 61	81 66	66 58	57 57	61 57	55 61	74.2 49.1
FULTON DAM 13	MAX MIN	79 48	81 56	72 54	74 46	83 49	89 55	81 61	77 49	70 47	78 55	74 51	71 55	75 43	80 42	84 54	78 43	73 59	72 57	73 54	74 58	76 58	82 62	82 60	80 58	76 60	79 58	76 63	60 43	57 39	64 36	58 46	75.2 52.5
GALVA	MAX MIN	80 46	84 53	79 47	75 45	84 49	90 55	82 53	77 47	82 50	83 55	74 52	76 43	81 44	86 53	81 43	73 56	74 60	78 58	77 58	77 58	82 56	83 55	80 54	78 60	81 55	74 51	60 37	56 31	63 32	59 45	77.1 50.9	
GENESEO	MAX MIN	80 52	84 56	78 46	75 42	84 52	91 58	85 59	77 48	81 48	78 56	77 52	73 50	76 36	81 39	77 55	80 63	72 57	74 59	79 60	77 58	78 59	84 62	84 61	81 60	77 62	82 59	77 53	60 39	58 33	64 36	54 45	77.0 52.1
HENNEPIN POWER PLANT	MAX MIN	82 42	83 54	77 47	75 46	84 49	92 55	85 61	77 49	82 47	85 55	80 52	74 54	76 36	81 41	88 55	82 62	77 57	74 58	78 56	76 56	78 55	85 55	84 51	84 52	79 62	84 53	76 52	60 36	58 34	62 30	57 47	77.9 48.9
KEWANE	MAX MIN	80 49	84 55	81 50	75 46	83 49	90 55	84 58	76 50	80 52	83 58	80 58	75 58	75 43	79 41	85 55	82 62	72 57	73 60	78 60	77 59	77 58	82 58	83 59	80 58	77 60	81 58	75 52	59 40	57 34	61 35	56 47	76.8 52.5
MOLINE WB AIRPORT	MAX MIN	82 54	85 56	73 45	76 41	86 50	92 55	83 60	78 45	82 46	79 53	74 46	76 40	81 36	88 40	81 61	77 58	72 60	76 58	80 60	78 58	78 58	84 65	85 61	83 63	79 54	85 54	85 48	61 39	57 33	65 36	53 43	77.4 51.3
MORRISON	MAX MIN	81 43	82 50	81 47	75 44	85 49	93 55	91 61	79 43	81 44	80 52	76 50	75 48	75 37	79 47	86 56	85 65	74 57	70 56	78 62	78 62	75 64	84 65	85 64	84 56	82 54	84 49	82 56	62 32	57 28	63 36	61 48	78.3 49.1
MOUNT CARROLL	MAX MIN	79 50	80 54	77 46	71 43	83 48	88 50	83 60	74 43	80 45	77 52	75 50	71 48	73 37	77 48	84 55	79 61	72 57	72 58	75 58	75 57	82 63	84 55	80 59	75 59	81 61	81 45	68 47	58 33	66 32	63 32	57 43	75.3 49.0
PAW PAW	MAX MIN	76 47	75 47	76 44	69 43	69 45	80 48	88 54	79 46	81 49	78 53	80 49	75 49	70 43	80 42	85 53	82 59	77 56	75 56	72 55	75 55	72 53	82 53	82 53	80 53	75 53	80 53	78 53	61 38	58 28	53 29	59 35	74.0 47.5
ROCHELLE 1 W	MAX MIN	78 52	80 46	71 41	73 45	81 59	91 54	79 44	75 45	80 54	82 51	75 48	70 44	73 36	78 58	85 54	77 54	74 54	72 56	74 56	75 56	82 54	83 54	80 55	82 52	75 52	63 30	56 29	60 39	50 39	74.4 47.9		
ROCKFORD WB AIRPORT	MAX MIN	79 46	79 54	71 47	73 44	83 48	90 57	80 53	74 45	80 46	82 51	76 49	71 49	73 38	79 48	86 58	77 59	75 61	73 56	73 53	74 58	82 59	83 57	80 57	81 57	74 48	81 43	66 36	61 33	58 33	61 32	51 46	74.8 49.1
STOCKTON	MAX MIN	77 42	79 49	72 48	72 46	80 51	86 57	76 55	73 46	80 50	82 56	75 56	71 44	73 40	77 45	81 53	75 60	71 57	69 55	70 56	73 56	70 56	80 61	82 59	78 58	72 60	76 55	65 36	64 37	56 32	54 42	73.1 50.0	
WALNUT	MAX MIN	78 50	82 55	76 44	72 49	83 49	92 56	84 61	77 47	80 50	82 55	78 54	73 50	75 45	78 45	87 54	76 59	73 57	73 60	72 57	73 56	82 69	83 59	80 58	77 61	82 57	76 44	60 35	58 29	62 35	54 46	76.0 51.7	
<b>NORTHEAST</b>																																	
ANTIUCH	MAX MIN	76 49	78 48	70 48	69 42	78 48	88 61	79 57	74 47	77 47	80 52	72 54	70 50	73 35	76 38	81 45	76 57	74 50	71 59	69 58	63 53	65 57	81 57	83 58	79 56	73 62	81 52	68 48	62 37	59 34	56 35	54 44	72.7 49.6
AURORA COLLEGE	MAX MIN	78 44	81 52	72 47	72 42	82 46	90 49	82 61	75 45	84 46	75 53	69 52	75 52	79 39	86 46	83 58	77 56	70 59	73 58	72 58	75 58	83 56	84 55	81 54	77 56	82 51	64 47	61 35	58 30	60 30	52 45	75.3 49.0	
BARRINGTON 1 NW	MAX MIN	77 50	76 56	75 46	69 39	79 48	87 68	86 61	72 43	77 44	79 53	81 49	70 51	72 32	75 35	82 40	83 57	76 55	74 57	71 49	69 57	69 58	81 57	82 58	81 58	80 61	81 50	80 45	61 32	55 29	56 40	56 48	74.6 48.6
CHICAGO O HARE AIRPORT	MAX MIN	82 51	82 55	72 48	73 41	86 45	91 58	81 49	75 41	79 41	82 50	72 39	67 39	72 32	77 29	84 35	85 56	76 57	71 58	69 53	69 59	84 59	85 55	82 53	80 51	82 45	78 39	64 32	61 27	57 27	58 43	53 46	74.8 46.1
CHICAGO UNIVERSITY	MAX MIN	79 51	80 59	66 55	66 48	64 50	92 57	82 58	75 50	81 50	83 57	68 51	65 45	70 42	73 48	85 56	85 62	79 60	75 59	71 60	67 59	66 59	83 60	86 51	82 59	78 59	83 59	65 45	62 40	57 40	58 41	55 47	74.2 54.8
CHICAGO WB AIRPORT	MAX MIN	81 51	82 59	72 48	72 48	86 50	94 57	82 58	75 50	80 50	84 57	72 51	68 45	73 42	78 48	86 56	87 61	79 59	74 60	72 60	69 58	69 58	85 60	85 58	83 58	79 62	84 57	66 41	63 38	57 36	54 45	75.8 52.8	
CHICAGO WB CITY	MAX MIN	78 54	79 61	65 57	62 56	81 56	90 61	78 60	70 55	75 59	81 61	69 58	63 58	65 55	76 58	80 67	82 62	76 63	70 61	66 59	66 60	81 62	82 65	80 65	77 67	81 62	84 46	64 42	58 42	55 45	55 46	71.8 57.8	
JOLIET	MAX MIN	80 48	82 58	79 48	73 44	84 42	93 52	91 62	76 48	81 48	85 55	81 48	70 48	75 41	87 47	86 58	80 59	78 59	75 56	73 56	75 56	84 56	85 57	83 56	81 55	84 56	84 55	64 38	58 35	59 34	55 47	77.6 50.9	
MARENGO	MAX MIN	78 48	78 54	75 46	71 39	82 45	90 55	75 59	74 49	80 42	82 49	74 53	70 45	72 34	84 46	78 56	76 54	70 57	72 56	69 52	72 56	82 57	84 58	80 57	80 58	72 62	80 46	68 46	58 36	55 26	58 42	53 47	73.7 47.6
MORRIS 5 N	MAX MIN	81 44	82 45	73 48	75 39	85 43	95 50	84 57	75 41	82 41	84 51	75 50	71 45	75 35	79 31	89 39	87 51	80 56	75 58	71 59	69 56	74 56	79 55	86 56	80 52	85 52	84 63	78 34	65 34	58 27	59 45	77.9 47.0	
OTTAWA	MAX MIN	81 50	86 58	77 46	77 43	85 47	94 53	88 62	80 49	84 48	87 55	79 52	76 41	79 37	89 47	85 61	82 62	76 61	73 59	80 59	80 58	86 56	87 58	85 56	82 56	86 50	80 46	63 36	62 32	61 32	55 48	79.5 51.4	
PARK FOREST	MAX MIN	78 49	82 56	68 46	72 40	82 50	91 57	83 57	74 46	80 45	82 56	71 45	69 45	71 42	79 43	85 52	84 58	79 57	74 58	72 57	70 57	74 57	84 57	84 57	81 57	80 62	83 46	60 36	56 33	58 44	56 45	75.0 51.2	
PERU SEWAGE PLANT	MAX MIN	80 51	85 54	75 49	76 44	84 52	91 50	85 59	78 50	82 48	84 54	78 48	73 48	76 40	81 35	82 48	80 60	75 61	77 60	77 60	78 60	84 58	84 56	82 59	79 62	84 56	82 44	61 37	60 34	62 32	56 46	77.1 51.1	
SYCAMORE	MAX MIN	78 46	80 55	70 43	72 44	83 46	92 58	80 62	75 45	81 46	83 52	74 47	79 47	79 39	85 47	78 57	85 62	75 57	72 57	72 57	74 57	82 54	83 55	80 54	75 54	82 52	75 46	62 31	57 30	57 30	55 42	75.2 48.9	
WAUKEGAN 2 WNW	MAX MIN	78 49	79 57	71 50	63 42	81 50	90 62	80 55	73 48	78 54	80 57	73 55	63 45	67 40	71 39	84 58	74 60	70 59	69 58	65 58	61 58	61 58	82 60	83 58	81 58	73 63	82 55	74 43	60 39	56 34	57 44	54 45	72.1 51.3
WEATON COLLEGE	MAX MIN	79 48	78 55	74 48	69 42	81 47	90 54	83 59	73 47	77 49	81 55	79 51	66																				



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Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
FLORA 2 Nw	MAX MIN	80 39	89 47	81 52	80 38	85 39	89 46	90 55	82 54	81 41	88 45	93 56	83 59	81 50	84 34	89 45	86 52	79 55	78 55	79 54	89 56	87 50	87 47	87 47	82 52	84 50	85 58	77 51	64 42	60 32	64 26	65 41	81.5 47.4
MARSHALL 1 E	MAX MIN	78 37	87 44	78 51	76 39	83 39	88 43	90 55	85 50	79 40	84 42	88 56	81 57	78 39	82 34	87 38	84 48	79 46	74 51	71 52	81 56	84 53	85 47	84 46	83 50	82 49	84 52	74 51	64 42	60 35	62 27	69 41	79.2 45.5
MATTOON	MAX MIN	77 46	87 52	75 54	76 43	82 46	87 52	89 58	76 50	78 42	84 54	87 61	77 51	76 44	80 37	87 43	83 55	78 60	72 58	70 57	84 60	82 55	83 57	82 52	80 54	82 54	83 57	64 47	62 40	57 34	60 28	59 45	77.4 49.9
MCWEAUGA	MAX MIN	80 41	86 53	77 50	77 43	84 45	89 47	90 54	88 50	80 46	87 52	88 50	79 53	78 42	82 40	89 45	84 52	81 57	77 60	74 57	85 55	83 56	84 58	83 52	80 52	80 55	83 56	75 55	60 39	57 31	63 31	59 41	79.4 49.0
NFWTON	MAX MIN	80 41	88 50	85 55	78 45	85 48	88 48	90 56	85 54	80 45	86 51	87 56	87 59	78 47	82 40	87 48	85 55	80 56	76 59	73 55	88 56	85 55	86 58	86 52	81 55	87 55	84 57	77 54	64 44	60 35	62 30	62 45	80.8 50.2
OLNEY	MAX MIN	79 31	87 40	80 43	77 34	83 43	88 36	90 44	84 42	80 35	85 42	92 53	81 56	79 40	83 46	88 46	86 54	79 53	75 54	79 55	90 60	87 54	88 49	86 48	83 54	84 52	86 54	80 51	65 43	60 33	63 27	63 38	81.0 45.0
PALESTINE	MAX MIN	83 42	90 50	81 53	80 40	87 42	92 46	92 56	81 53	81 41	87 48	91 59	80 57	80 42	85 34	90 42	87 56	83 50	75 55	80 54	90 57	87 51	90 53	88 48	85 55	85 54	87 55	80 54	67 44	62 35	65 30	63 47	82.4 48.5
PARIS WATERWORKS	MAX MIN	77 47	86 52	76 53	75 41	82 47	88 58	90 60	77 49	79 45	83 51	86 59	77 55	80 43	84 39	87 45	87 59	78 58	71 59	70 58	83 60	83 54	85 58	82 52	82 57	82 58	84 50	70 60	66 37	57 33	62 31	69 46	77.9 50.9
SALEM	MAX MIN	80 41	89 49	83 56	79 47	85 46	89 48	91 53	83 57	82 46	88 54	93 62	83 56	80 49	84 46	90 52	87 55	78 56	79 59	85 59	89 52	87 55	87 49	85 49	85 49	84 49	85 50	75 53	65 46	59 34	64 28	65 43	81.9 49.7
TUSCOLA	MAX MIN	80 43	88 52	80 47	78 40	84 46	89 48	92 57	88 48	77 44	86 49	87 56	77 56	77 45	81 37	88 44	85 45	80 54	75 56	70 59	85 60	83 55	85 52	84 51	82 55	82 54	84 56	75 52	63 38	60 31	62 29	58 44	79.6 48.9
VANOALIA FAA AIRPORT	MAX MIN	80 39	90 44	78 43	77 40	84 43	89 43	91 47	81 47	81 41	88 49	93 53	79 56	83 41	83 38	89 47	84 52	80 59	77 59	78 58	89 54	87 53	86 47	85 46	83 53	81 53	84 55	67 55	64 43	58 31	64 25	61 43	80.4 46.7
WINDSOR	MAX MIN	79 43	86 48	82 47	75 38	85 46	88 48	89 52	83 47	79 47	85 48	87 55	78 53	76 37	80 41	87 49	84 53	80 54	75 56	71 55	83 56	82 53	83 53	83 52	80 54	81 55	82 55	75 55	61 38	56 32	60 32	66 35	78.7 48.0
SOUTHWEST																																	
ANNA 1 E	MAX MIN	78 41	84 53	85 55	82 46	87 50	86 51	86 53	85 50	83 50	86 50	91 55	77 63	84 53	87 51	88 53	84 50	81 53	85 53	85 65	89 64	87 55	86 50	87 48	80 55	84 52	84 55	85 60	65 46	60 36	63 35	74 49	82.2 51.8
BELLEVILLE SCOTT AF BS	MAX MIN	79 44	89 50	79 51	77 44	83 46	87 48	90 58	81 54	79 47	88 54	92 61	76 69	79 49	83 46	87 51	83 58	80 63	78 61	86 61	84 56	85 55	85 55	84 50	81 55	82 56	83 57	69 49	64 46	58 36	62 30	62 45	79.8 51.4
CAIRO WB CITY	MAX MIN	80 49	82 58	85 59	81 53	85 52	83 61	86 57	84 59	80 54	85 56	92 62	81 66	84 61	86 56	85 63	82 61	81 60	83 61	86 58	86 57	85 57	85 55	84 55	82 64	82 59	83 61	85 58	68 50	61 42	63 38	75 50	81.4 56.5
CARBONDALE SEWAGE PL	MAX MIN	81 36	86 45	83 54	80 38	85 39	88 46	90 53	85 55	81 41	88 46	95 65	88 52	82 52	85 49	89 50	84 50	84 52	85 53	86 53	91 58	89 50	87 47	86 45	81 54	83 49	86 54	81 53	67 43	62 32	62 25		83.4 47.9
CARLYLE	MAX MIN	81 43	92 53	82 52	82 44	86 45	90 49	93 59	80 56	84 45	88 56	95 62	80 64	81 49	86 44	87 51	87 59	78 58	78 59	87 62	92 54	88 53	86 49	87 53	88 55	85 49	86 54	72 54	61 49	65 48	65 32	61 29	82.3 50.7
CARLYLE RESERVOIR	MAX MIN	76 44	79 50	82 54	79 48	80 48	85 50	89 53	91 54	81 48	80 53	88 58	93 62	80 50	80 46	84 49	88 54	84 61	88 58	84 60	77 63	86 58	86 56	85 52	82 54	82 56	82 57	80 55	84 44	65 32	59 31	63 39	81.9 51.5
COBLEN 2 S	MAX MIN	78 39	83 47	83 50	81 45	85 46	83 50	85 53	84 53	82 45	86 50	89 61	87 61	85 51	87 51	86 52	83 51	86 52	83 51	85 49	87 52	86 53	84 48	83 50	80 54	81 49	82 54	85 52	65 45	60 35	62 28	72 49	81.5 48.8
OU QUOIN 2 S	MAX MIN	79 40	85 48	82 56	80 49	85 43	86 48	88 51	85 55	80 44	86 49	94 60	88 64	82 52	86 49	89 56	84 55	80 56	83 56	87 56	90 52	87 51	86 48	85 52	82 55	84 52	85 53	80 54	65 46	60 38	63 27	70 47	82.1 50.0
EAST ST LOUIS PK5 COL	MAX MIN	85 56	89 61	86 57	82 47	84 48	88 49	90 54	85 58	80 50	91 57	92 61	86 62	80 54	84 48	88 56	85 60	82 60	85 61	85 63	84 60	86 57	85 54	84 53	82 54	84 57	84 59	78 59	64 50	59 40	65 34	60 48	81.9 54.4
MAKANDA 1 Nw	MAX MIN	79 51	83 51	82 58	80 50	87 51	86 50	84 59	84 58	82 54	87 56	92 63	83 63	83 53	87 51	88 62	84 58	80 56	88 60	85 60	88 64	86 66	86 60	85 66	80 63	82 58	83 61	82 58	64 51	59 36	69 39	73 51	81.6 56.0
NASHVILLE 3 Nw	MAX MIN	80 43	89 51	82 52	78 41	84 43	88 47	90 54	82 57	82 50	87 55	93 62	86 64	80 50	87 46	89 56	85 56	79 58	80 59	87 58	89 52	87 51	86 49	85 51	82 55	84 55	84 58	80 54	65 45	59 30	63 27	65 46	81.8 50.1
NEW BURNSIDE	MAX MIN	79 39	83 53	82 53	79 42	86 43	85 53	84 55	83 54	83 47	86 53	90 60	87 66	82 49	86 45	86 55	84 58	81 57	83 53	84 56	89 57	87 53	85 56	85 57	82 60	82 54	84 57	84 58	64 46	60 31	62 29	74 51	81.8 51.4
SPARTA	MAX MIN	81 45	90 55	86 58	82 44	87 46	89 53	92 60	88 57	82 50	88 54	95 65	81 62	84 50	88 49	90 56	85 58	81 59	83 56	88 62	90 58	88 55	88 57	80 53	82 55	85 57	85 56	82 54	65 46	61 30	64 24	67 47	83.2 53.4
WATERLOO	MAX MIN	83 51	92 60	88 61	88 62	89 57	90 58	93 62	90 59	80 57	92 57	94 64	90 62	82 52	87 52	90 67	83 63	82 61	80 60	88 65	95 63	85 61	85 62	88 60	83 58	85 59	86 63	74 60	64 59	59 37	65 41	67 48	83.5 57.5
SOUTHEAST																																	
ALBION	MAX MIN	81 44	87 55	87 52	81 49	87 45	83 46	90 48	85 57	83 50	86 49	95 59	85 62	84 46	87 44	89 53	86 58	80 54	87 57	86 57	90 59	90 58	89 55	87 57	82 59	85 58	82 60	85 57	66 46	62 35	65 34	62 46	82.7 52.1
BROOKPORT OAM 52	MAX MIN	81 38	83 39	85 50	85 46	85 43	86 43	86 48	86 49	82 47	86 46	90 51	87 63	86 48	85 46	86 52	84 53	84 49	85 49	85 47	88 48	88 49	87 46	87 46	73 48	84 53	84 51	86 52	68 48	61 36	64 28	76 43	82.9 46.4
ELIZABETHTOWN	MAX MIN	80 35	84 47	84 55	79 45	83 41	85 47	85 45	83 53	79 42	85 43	91 56	85 62	81 42	84 48	87 51	83 50	85 43	84 49	83 44	85 48	88 49	87 43	86 45	79 56	83 51	84 51	85 53	66 48	60 35	62 26	75 48	81.9 47.1
FAIRFIELD RADIO WF1A	MAX MIN	79 38	86 47	83 53	79 48	83 47	87 54	88 54	86 57	82 44	86 54	93 63	90 63	79 47	84 43	88 52																	



# EVAPORATION AND WIND

ILLINOIS  
OCTOBER 1963

Station	Day of month																															Total or Avg.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHWEST HENNEPIN POWER PLANT	EVAP	.20	.23	.21	.14	.26	.25	.23	.16	.20	.23	.08	.22	.19	.18	.13	.06	.09	.15	.03	.15	.07	.19	.15	.15	.09	.13	.27	.12	.09	.08	.02	6.75	
	WIND	39	48	37	23	47	42	45	27	24	46	27	57	34	23	30	23	25	27	45	20	68	42	25	39	66	39	41	51	51	32	23	1166	
	MAX	77	80	78	77	78	82	82	79	78	77	76	74	73	73	76	75	77	75	81	83	76	81	79	77	76	79	76	60	60	59	54	73.9	
	MIN	54	64	54	53	54	55	59	59	54	65	60	55	49	45	51	62	62	55	60	63	60	59	57	56	61	59	57	41	38	39	46	55.1	
EAST URBANA	EVAP	.18	.26	.32	.20	.16	.21	.29	.25	.20	.18	.35	.16	.28	.14	.20	.21	.23	.18	.11	.12	.11	.13	.19	.19	.11	.17	.12	.14	.09	.08	.11	5.67	
	WIND	38	58	65	38	30	40	59	61	23	31	93	54	70	36	27	40	48	63	56	76	39	42	45	35	44	60	50	50	56	25	68	1520	
	MAX	74	75	79	76	76	78	80	81	77	78	76	75	73	72	73	77	78	74	73	72	79	76	75	74	73	76	75	72	60	59	54	73.9	
	MIN	43	47	52	50	49	52	54	56	56	52	52	54	50	45	44	50	56	55	57	57	58	57	55	55	56	57	54	42	39	37	37	50.9	
WEST SOUTHWEST SPRINGFIELD WB AIRPORT	EVAP	.19	.40	.31	.22	.26	.28	.30	.23	.26	.37	.30	.29	.26	.21	.24	.27	.15	.11	.09	.14	.19	.24	.23	.23	.20	.16	.13	.15	.15	.11	.17	6.84	
	WIND	96	109	88	42	67	76	109	62	56	124	96	140	67	47	61	88	75	91	94	62	73	77	74	81	107	67	107	112	115	70	103	2636	
	MAX	76	81	77	77	76	78	81	82	79	76	77	78	75	73	74	76	78	80	74	83	83	79	78	77	74	73	76	75	60	59	58	55	75.2
	MIN	52	53	54	51	53	56	58	56	56	55	58	56	47	46	53	61	60	62	63	61	61	58	58	58	61	60	56	42	40	41	44	54.5	
SOUTHWEST CARLYLE RESERVOIR	EVAP	.17	.29	.36	.29	*	*	.60	.30	.29	.25	.34	.31	*	.53	.22	.22	.29	.10	*	*	.53	.19	.27	.24	.16	*	*	.44	.21	.14	.16	6.90	
	WIND	33	98	102	74	*	*	136	79	55	46	121	83	*	169	33	66	96	58	*	*	198	38	64	62	76	*	*	207	87	45	96	2122	
	MAX	74	78	81	78	*	*	89	83	78	76	78	82	*	74	75	80	74	72	*	*	81	80	83	78	76	*	*	78	64	61	60	76.5	
	MIN	44	49	51	48	*	*	52	56	52	52	52	55	*	46	45	53	55	55	*	*	56	55	54	54	54	*	*	45	38	37	38	49.8	

MAX AND MIN IN DAILY EVAPORATION TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time prevailing	Average	Fastest mile	Direction of fastest mile		MIDNIGHT CST	6:00 AM CST	NOON CST	6:00 PM CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
					Direction	Date of fastest mile													
CAIRO WB CITY	S†	-	6.7	29	SW†	31	-	-	-	-	1	1	1	0	0	0	3	86	2.8
CHICAGO O HARE AIRPORT	S	15	7.9	23++	WNW	16	71	74	47	59	5	5	1	0	0	0	11	-	4.7
CHICAGO MIDWAY AIRPORT	S	23	9.8	24	NW	28+	69	73	46	57	6	2	2	0	0	0	10	62	4.6
MOLINE WB AIRPORT	SSW	14	7.9	23	NW	28	74	80	49	62	7	2	4	0	0	0	13	66	4.1
PEORIA WB AIRPORT	S	27	8.3	23	W	28	68	76	45	52	6	0	3	1	0	0	10	77	3.7
ROCKFORD WB AIRPORT	SSW	15	8.2	20++	SSW	30+	76	81	50	60	7	3	1	1	0	0	12	-	4.7
SPRINGFIELD WB AIRPORT	S	20	10.1	28	NW	28	64	73	40	49	2	4	0	1	0	0	7	83	3.2

† TO 8 COMPASS POINTS ONLY.

## DAILY SOIL TEMPERATURES

STATION AND DEPTH	TIME	Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA 4 INCHES	6 AM	62	63	65	63	63	64	66	66	64	64	66	66	63	60	65	64	65	65	64	65	66	65	65	63	63	64	64	64	54	52	52	63.1
	MAX	67	68	69	70	69	70	71	71	71	70	69	69	69	69	67	68	69	68	66	68	69	69	67	71	65	67	67	67	60	57	54	67.5
	MIN	60	61	63	63	62	63	63	65	64	63	63	65	62	60	64	60	63	64	64	64	63	64	64	63	63	62	63	64	54	52	52	61.9
8 INCHES	6 AM	64	64	66	66	65	66	67	67	67	66	66	66	65	65	63	65	65	65	65	65	66	66	65	64	64	65	64	61	57	56	54	64.2
	MAX	65	65	66	67	67	67	68	68	68	67	67	67	67	67	65	66	67	66	66	67	66	67	66	66	65	66	66	61	58	56	65.7	
	MIN	63	64	65	66	65	66	66	67	67	66	66	66	64	63	63	62	65	65	65	65	66	65	65	64	64	63	62	61	57	56	54	63.7

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMOMETER. FLANAGAN SILT LOAM UNDER BLUEGRASS SOO. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.



# STATION INDEX

ILLINOIS  
1963

STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL	
ALBION	0035	EDWARDS	7 38 23	88 05	530	6P	6P				BESSIE ELLEM	MOUNT OLIVE 1 E	5917	MACOUPH	4 59 04	89 42	885	6P			HAROLD HARBURGER		
ALEDO	0072	MERCER	4 41 13	90 45	720	6P	6P				GENE L. BURGESS	MOUNT PULASKI	5927	LOGAN	1 40 01	89 17	845	5P			ALVA BROWN		
ALEXIS WATERWORKS	0081	EDWARDS	4 41 05	90 30	660	6P	6P				MUNICIPAL WATERWORKS	MOUNT PULASKI	5935	BROWN	1 39 59	90 46	711	5P			HOMER L. RENAKER		
ALM DAM 28	0131	MADISON	4 38 55	111	832	MIO	7A				WALTER M. JEFFERSON	MOUNT VERNON	5945	JEFFERSON	1 41 22	88 50	474	7P			HOWARD NEALEY		
ANNA 1 E	0187	UNION	5 37 28	89 14	645	6P	6P				J. DON MARLTINE	MOWEQUA	5950	SHELBY	2 39 28	89 02	615	6P			HALDON BOHLEN		
ANCOCH	0201	LAKE	4 42 42	90 11	681	6P	6P				WALTER M. JEFFERSON	MURPHYBORO WATERWORKS	5953	JACKSON	1 41 19	89 20	540	6P			MURPHYBORO WATER CO		
AUGUSTA 2	0330	MAHOCK	1 10 14	90 59	805	6P	6P				ROY M. ROLAND, SR.	NASHVILLE 3 NW	6011	WASHINGTON	2 18 23	89 24	480	6P			R. E. SCHLEIFER		
AURORA COLLEGE	0336	LAKE	1 41 45	88 20	746	7P	7P				AURORA COL PHYSICS DEPT	NEARH 8 E	6069	REHOLD	1 41 55	88 26	870	7A			CORLEY HILLIARD		
AVON 5 NE	0355	FULTON	1 42 00	88 24	850	7A	7A				VERNON M. NURTRUP	NEW BOSTON DAM 17	6070	MERCER	4 31 33	87 03	548	6P			U S CORPS OF ENGINEERS		
BARRINGTON 1 W	0442	LAKE	1 42 10	88 09	810	6P	6P				CHICAGO AERIAL IMO	NEW BURNSIDE	6073	JOHNSON	5 37 35	88 46	580	5P			MAE MCCABE		
BARRY	0445	PIKE	4 59 41	91 03	840	7A	7A				GEORGE E. GRIDER	NEWTON	6159	JASPER	7 39 00	88 10	515	6P			GEORGE H. PAYNE		
BEARSTOWN	0492	CASS	1 40 01	90 26	445	7A	7A				THOMAS E. PHELPS	OLNEY	6446	RICHLAND	7 48 44	88 06	450	6P			RADIO STATION WJMH		
BELLEVILLE SCOTT AF BSC	0510	ST CLAIR	2 38 34	89 51	447	MIO	MIO				OLNEY	OREGON	6450	OREGON	6 42 00	89 20	830	6P			CARNATION COMPANY		
BELOLEVORE SEWAGE PLANT	058	BOONE	4 42 16	88 52	753	6P	6P				CITY OF BELLEVORE	PERU SEWAGE PLANT	6528	LA SALLE	1 41 22	88 50	474	7P			H		
BENTLEY 1 NW	0598	MAHOCK	1 40 22	91 08	855	6A	6A				GEORGE E. FECHT	PALESTINE	6558	CRAWFORD	7 39 00	87 37	514	7P			M. M. GADVIS		
BENTON FOREST SERVICE	0606	FRANKLIN	4 38 02	88 55	485	6A	6A				MEAL L. BURGIM	PARIS SEWAGE PLANT	6605	EGGAR	7 39 57	87 41	750	7P			CITY OF PARIS		
BLOOMINGTON WATERWORKS	0761	MCLEAN	1 40 30	89 01	775	7A	7A				ILL STATE NORMAL UNI	PARIS WATERWORKS	6610	EDGAR	7 39 58	87 42	739	7P			CITY OF PARIS		
BLOOMINGTON HORMAL	0766	MCLEAN	1 40 50	89 00	810	6P	6P				VERNON M. NURTRUP	PARK FOREST	6616	COOK	3 41 30	87 42	710	MIO	MIO			PARK FOREST WATER CO	
BLOOMINGTON HORMAL	0781	SCOTT	1 39 45	90 32	467	6P	6P				U S CORPS OF ENGINEERS	PAN PAW	6661	LEE	4 41 41	88 59	928	7A			W. A. WOODS		
BROOKPORT DAM 52	0993	MASSAC	5 37 08	88 39	530	6P	6A				U S CORPS OF ENGINEERS	PAYSON	6870	ADAMS	1 39 49	91 15	760	8A			U S CORPS OF ENGINEERS		
CAIRO NB CITY	1186	ALEXANDER	4 37 00	89 10	514	MIO	MIO				FLOYD D. HAMMOND	PEORIA NB AIRPORT	6711	PEORIA	1 40 00	89 41	652	MIO	MIO			U S WEATHER BUREAU	
CANTON	1250	FULTON	1 10 34	90 02	655	6P	6P				HUGH B. BOTT	PEOTONE	6725	WILL	1 41 20	87 48	722	6P			HIMA CUIT		
CARBONDALE SEWAGE PLANT	1265	JACKSON	4 37 44	89 12	390	6P	7A				PERU SEWAGE PLANT	PEPER CITY	6735	LA SALLE	1 41 20	89 08	480	MIO	MIO			PERU SEWAGE PLANT	
CARLISLE	1280	FRANKLIN	4 39 17	89 52	625	6P	6P				MUM WATER AND POWER PL	PETERSBURG	6740	MENARD	1 40 00	89 51	590	6P			LESLIE A. LINK		
CARLYLE	1288	CLINTON	2 38 36	88 22	461	7P	7A				HUMBERT BOHLER	PETERSBURG 3 NE	6833	PIKE	4 39 37	90 43	640	6P			PITTSFIELD WATERWORKS		
CARLYLE RESERVOIR	1296	WHITE	7 38 10	88 12	390	6P	6P				CITY OF CENTRALIA	PLEASANT HILL	6861	PIKE	4 39 27	90 52	471	6P			LOU GALLOWAY		
CARNI & NW	1296	WHITE	7 38 10	88 12	390	6P	6P				U S CORPS OF ENGINEERS	POINT OF WASHINGTON	6973	WASHINGTON	1 41 53	87 08	547	5P			ILLINOIS WATER SERV CO		
CENTRALIA 2 ME	1386	HARRISON	2 38 33	89 07	718	6P	6P				EASTERN ILL. UNIV.	PRELIEUX ON ROCHEM	6973	RANDOLPH	4 38 05	90 06	396	7A			FRANK L. E. ROBERT		
CHANNONAN ORESDEN ISL	1434	GRUNDY	4 37 29	89 28	825	7A	7A				C. HERLE PARRY	PRINCETOWN 1 W	7004	PEORIA	1 41 07	89 46	725	6P			FRANK S. STEWART		
CHARLESTON	1436	CAROL	7 39 29	88 11	490	6P	6A				ROBERT W. GARRIS	PRINCETOWN 1 W	7014	WHITEOISE	1 41 40	89 56	605	6P			PUBLIC SERVICE CO ILL		
CHENOA	1475	MCLEAN	1 40 44	88 44	710	5P	5P				CHICAGO SANITARY DIST	ROCKFORD ADAMS	7067	ADAMS	4 39 57	91 24	601	7P			A. H. GIBSON		
CHESTER	1491	RANDOLPH	4 37 54	89 50	460	7A	7A				CITY ENR WATER PURIF	ROCKFORD FAA AIRPORT	7077	ADAMS	4 39 56	91 11	762	MIO	MIO			U S FED AVIATION AGENCY	
CHICAGO CALUMET TR WKS	1522	COOK	3 41 40	87 36	592	6P	6P				CHICAGO SANITARY DIST	QUINCY OAM 21	7077	ADAMS	4 39 56	91 24	483	7A			U S CORPS OF ENGINEERS		
CHICAGO LAKEVIEW PUMP STA	1522	COOK	3 41 40	87 36	592	6P	6P				CITY ENR WATER PURIF	QUINCY ENR WATER PURIF	7077	ADAMS	4 39 56	91 24	483	7A			U S CORPS OF ENGINEERS		
CHICAGO LAKEVIEW UNIV	1527	COOK	3 42 00	87 40	593	6P	6P				CHICAGO SANITARY DIST	RANTOUL CHANUTE AF BASE	7150	CHAMPAIGN	7 40 18	88 09	740	MIO	MIO			U S AIR FORCE	
CHICAGO MAYFAIR PMP STA	1527	COOK	3 42 00	87 40	593	6P	6P				CHICAGO SANITARY DIST	REED BUD	7157	RANDOLPH	2 38 13	90 00	450	5P			OLIN F. KETTELAMP		
CHICAGO NB AIRPORT	1549	COOK	1 41 59	87 42	658	MIO	MIO				U S WEATHER BUREAU	REDFORD	7217	WASHINGTON	1 41 53	87 07	547	5P			MARY A. VOLLEBRACH		
CHICAGO ROSELAND PMNG	1552	COOK	3 41 42	87 38	602	6P	6P				CHICAGO SANITARY DIST	ROBERTS 3 W	7556	FORD	1 40 40	88 11	740	7P			R. E. BRADBOURY		
CHICAGO SAN DIST OJSP	1557	COOK	3 41 50	87 42	602	6P	6P				CHICAGO SANITARY DIST	ROCHELLE 1 N	7549	OGLE	6 41 55	89 04	798	8A			CALIFORNIA PACKING CORP		
CHICAGO SAN DIST OFFICE	1562	COOK	3 41 54	87 38	630	6P	6P				CITY ENR WATER PURIF	ROCKFORD 6 NE	7377	WINNEBAGO	6 42 18	88 59	880	7A			HARRIET L. REID		
CHICAGO S FILTER PLANT	1564	COOK	3 41 45	87 33	611	6P	6P				CITY ENR WATER PURIF	ROCKFORD 6 NE AIRPORT	7382	WINNEBAGO	6 42 12	89 08	728	MIO	MIO			U S WEATHER BUREAU	
CHGO SPRINGFIELD PMNG	1567	COOK	3 41 55	87 44	630	6P	6P				CITY ENR WATER PURIF	ROCKFORD 6 NE AIRPORT	7382	WINNEBAGO	6 42 12	89 08	728	MIO	MIO			U S WEATHER BUREAU	
CHICAGO UNIVERSITY	1572	COOK	3 41 57	87 38	616	6P	6P				CITY ENR WATER PURIF	ROCKFORD 6 NE AIRPORT	7382	WINNEBAGO	6 42 12	89 08	728	MIO	MIO			U S WEATHER BUREAU	
CHICAGO WB AIRPORT	1577	COOK	3 41 47	87 45	610	MIO	MIO				U S WEATHER BUREAU	RUSHVILLE	7551	SCHUYLER	1 40 07	90 34	660	6P			GAIN BROS GREENHOUSE		
CHICAGO WB CITY	1580	COOK	3 41 55	87 38	594	MIO	MIO				WALTER BUREAU	SAINTE MARIE	7603	JASPER	7 38 56	88 01	500	7A			JUSSON E. CARMON		
CHICAGO WB CITY	1580	COOK	3 41 55	87 38	594	MIO	MIO				JOHN L. KUMER	SALEM	7636	HARRISON	2 38 38	88 57	550	6P			CITY WATER DEPARTMENT		
CHICAGO WB CITY	1580	COOK	3 41 55	87 38	594	MIO	MIO				JENNINE M. BURGE	SHAMBOA 5 NNE	7833	DEKALB	6 41 50	88 51	870	7A			C UNIV OF ILL N EXP FIELD		
CLINE	1864	WAYNE	7 38 31	88 26	540	6P	6P				R. G. ANDERSON	SHANNICTOWN NEW TOWN	7859	GALLATIN	5 37 43	88 11	400	7A			THELMA LANE		
CLINTON 1 SSW	1875	UNION	4 37 30	89 15	540	6P	6P				C. WARREN BIRCHLER	SKOKIE N SIDE TR WORKS	7990	COOK	3 42 01	87 43	600	6P			CHICAGO SANITARY DIST		
COBDEN 2 S	1775	UNION	4 37 30	89 15	540	6P	6P				VILLAGE OF CRETE	SPARTA	8147	RANDOLPH	3 38 08	89 42	535	6P			HOME V. MORGAN		
COLETTVILLE 1 SSW	1944	RANDOLPH	2 38 11	87 36	510	6P	6P				INTERSTATE WATER PLANT	SPRINGFIELD NB AIRPORT	8179	SANGAMON	1 39 50	89 40	587	MIO	MIO			U S WEATHER BUREAU	
COLETTVILLE 1 SSW	1944	RANDOLPH	2 38 11	87 36	510	6P	6P				PARIS SEWAGE PLANT	STICKNEY W SIDE TR WKS	8278	COOK	3 41 49	87 63	635	6P			CHICAGO SANITARY DIST		
COLETTVILLE 1 SSW	1944	RANDOLPH	2 38 11	87 36	510	6P	6P				ETHELDA C. COONRADT	STOCKTON	8293	JO DAVISS	4 42 21	90 00	1005	6P			RICHARD J. TOWNSEND		
COLETTVILLE 1 SSW	1944	RANDOLPH	2 38 11	87 36	510	6P	6P				ROBERT H. MELLIS	STREATOR 3 W	8353	LA SALLE	1 41 09	88 50	645	5P			RADIO STATION WJZZ		
COLETTVILLE 1 SSW	1944	RANDOLPH	2 38 11	87 36	510	6P	6P				ILLINOIS STATE POLICE	SULLYVILLE WATERWORKS	8506	MULTNIE	2 39 34	88 37	684	6P			CHICAGO SANITARY DIST		
COLETTVILLE 1 SSW	1944	RANDOLPH	2 38 11	87 36	510	6P	6P				MARLO O. PRICE	SYCAMORE	8652	DE KALB	6 41 59	88 41	840	6P			MRS. FRANK C. OGAN		
COLETTVILLE 1 SSW	1944	RANDOLPH	2 38 11	87 36	510	6P	6P				CHICAGO SANITARY DIST	TAYLORVILLE	8819	CHRISTIAN	1 41 17	89 30	512	6P			ORVILLE L. HEAVER		
EDWARDSVILLE	2679	MADISON	4 58 50	89 57	500	7P	7P				ERNEST R. ROUSON	TOULON	8830	STARR	1 41 05	89							

REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Monthly Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.
- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.











U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS

NOVEMBER 1963  
Volume 68 No. 11







# CLIMATOLOGICAL DATA

ILLINOIS  
NOVEMBER 1963

CONTINUED

Station	Temperature											Precipitation																
	Average Altitude	Average Altitude	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max.		Min.							Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										31° or Above	32° or Above	33° or Above	34° or Above	35° or Above														
GRIGGSVILLE	56.7	37.3	47.0	4.1	70	17*	25	23	532	0	0	11	0	2.21		1.50	23	T	0			5	1	1				
HILLSBORO	57.4	36.2	46.8	3.2	71	9	21	24	539	0	0	13	0	3.57		1.50	22	T	0			4	2	0				
JACKSONVILLE	56.5	37.1	46.8	4.1	70	17	23	24	539	0	0	13	0	1.58	-.94	.70	22	T	0			5	1	0				
JERSEYVILLE	58.9	36.2	47.6		72	17*	22	24	519	0	0	13	0	2.12		.82	22	T	0			5	1	0				
MORRISONVILLE 4 SE	56.8	36.1	46.5	4.1	71	9	24	2	548	0	0	15	0	2.36	-.19	1.82	22	T	0			3	1	1				
RANA	55.6	36.9	46.3	3.6	68	17*	24	24	553	0	0	12	0	2.53	+.22	2.11	22	T	T	30	2	1	1					
SPRINGFIELD WB AIRPORT R	56.0	34.3	45.2	3.9	71	17	21	30	589	0	0	15	0	1.51	+.85	1.10	22	T	T	30*	3	1	1					
VIROEN	57.4	36.6	47.0		71	9	23	24	533	0	0	12	0	2.14		1.21	22	T	0			4	1	1				
WHITE HALL 1 E	56.7	36.4	46.6	3.0	71	17	23	24	546	0	0	14	0	1.76	-.73	.77	22	T	0			5	1	0				
DIVISION 06			46.8	3.8										2.28	-.34			T										
FAST SOUTHEAST 07																												
CHARLESTON	56.6	37.8	47.2		70	17*	25	24	528	0	0	10	0	3.41	+.27	1.40	22	T	T	30*	5	2	2					
EFFINGHAM	58.2	37.2	47.7	5.0	71	17*	24	24	510	0	0	11	0	3.49	+.11	2.68	22	T	0			4	1	1				
FLORA 2 NW	59.2	36.1	47.7	3.0	75	9	23	24*	513	0	0	13	0	3.73		2.72	22	T	0			5	1	1				
MARSHALL 1 E	58.4	36.6	46.5		71	17	19	3	547	0	0	16	0	3.08		1.84	22	T	0			7	1	1				
MATTOON	55.0	34.9	45.0		69	17*	23	30	593	0	0	13	0	2.58		1.86	22	T	0			4	1	1				
MOWAQUA	57.3	35.5	46.4		70	16*	22	15	551	0	0	14	0	2.33		1.21	22	T	0			6	1	1				
NEWTON	58.8	36.9	47.9		72	17	25	24*	508	0	0	11	0	3.46		2.38	22	T	0			5	1	1				
OLNEY	58.8	36.1	48.0	3.0	72	17	21	15	503	0	0	14	0	2.92		1.34	22	T	0			5	3	1				
RALESTINE	58.3	36.1	47.2	3.3	72	17	23	24*	527	0	0	14	0	3.23	-.24	1.76	22	T	0			4	2	1				
PARIS WATERWORKS	56.4	36.4	46.4	4.1	71	17	20	2	551	0	0	14	0	3.38	+.30	2.30	22	T	0			5	1	1				
SALF M	58.8	36.8	47.8		72	9	23	24	509	0	0	14	0	4.09	+.78	3.40	22	T	0			4	1	1				
TUSCOLA	56.9	35.5	46.2		71	9	22	3	554	0	0	13	0	2.29	-.66	1.12	23	T	0			5	2	1				
VANDALIA FAA AIRPORT	56.9	32.4	46.7		73	9	21	30	605	0	0	18	0	2.67		2.19	22	T	T	13	2	1	1					
WINDSOR	56.0	34.7	45.4	3.1	70	17	22	24	581	0	0	14	0	3.18	+.17	2.00	22	T	T	30	6	1	1					
DIVISION 07			46.7	3.5										3.13	-.11													
SOUTHWEST 08																												
ANNA 1 F	60.0	37.7	48.9	2.5	71	10	23	15	478	0	0	12	0	2.97	-1.00	1.67	22	T	0			7	1	1				
BELLEVILLE SCOTT AFB	56.3	35.3	45.8		72	9	24	24*	567	0	0	11	0	3.38		2.32	22	T	0			3	2	1				
CAIRO WB CITY	60.1	42.4	51.3	3.4	72	21*	30	30	407	0	0	2	0	1.89	-1.98	1.02	22	T	0			5	1	1				
CARRONDALE SEWAGE PL	61.4	36.0M	48.7M	2.7	72	21*	20	3	485	0	0	14	0	3.47	-.15	1.47	23	T	0			6	3	1				
CARLYLE	58.6M	35.6M	47.1M		72	9	24	24	531	0	0	13	0	3.88		1.47	22	T	0			5	3	2				
CARLYLE RESERVOIR	58.8	35.4	47.1		73	10	26	24	530	0	0	13	0	3.21		1.62	22	T	0			5	3	1				
COBORN	60.4	35.9	48.2		70	21*	21	3	499	0	0	14	0	2.49		1.61	22	T	0			4	1	1				
DU QUOIN 2 S	60.5	38.1	49.3	3.3	72	9	24	3	465	0	0	8	0	3.76	+.27	2.79	22	T	0			5	1	1				
EAST ST LOUIS RKS COL	60.2M	37.4M	48.8M		74	9	25	24	478	0	0	10	0	3.46		2.86	22	T	0			4	1	1				
MAKANOA 1 NW	60.2	39.2	49.7		71	17*	22	30	449	0	0	8	0	3.38		2.30	22	T	0			6	1	1				
NASHVILLE 3 NW	60.0M	36.6M	48.3M		72	9	24	24*	493	0	0	9	0	3.79	+.64	3.23	22	T	0			4	1	1				
NEW BURNSIOE	60.4	38.2	49.3	3.2	71	1	21	24	463	0	0	11	0	1.92	-1.92	1.02	22	T	0			4	1	1				
SPARTA	60.0	38.8	49.4	3.2	72	9	25	24	464	0	0	11	0	4.48	1.24	3.50	22	T	0			5	1	1				
WATERLOO 1 WSW	60.3	38.0	49.2		76	9	26	24*	470	0	0	11	0	3.90	+.62	1.70	22	T	0			4	2	2				
DIVISION 08			48.7	2.8										3.33	-.15			T										
SOUTHEAST 09																												
ALBION	60.2	39.4	49.8		72	10	26	24	447	0	0	10	0	2.71		1.47	22	T	0			5	1	1				
BROCKPORT OAM 52	61.6	38.0	49.8		74	1	21	24*	450	0	0	12	0	1.82	-2.11	.74	23	T	0			7	1	0				
ELIZABETHTOWN	59.7	35.8	47.8		71	10*	21	24*	514	0	0	15	0	1.68	-.73	.73	22	T	0			6	1	0				
FAIRFIELD RADIO WFLW	59.1	36.8	48.0	2.5	70	17	22	24*	506	0	0	13	0	3.12		1.39	22	T	0			6	3	1				
HARRISBURG	62.3	36.9	49.6	2.7	75	1	20	24*	456	0	0	13	0	2.26	-1.06	.60	22	T	0			6	2	0				
MCLANSBORO	59.7	37.7	48.7	2.6	71	17	22	15	481	0	0	12	0	3.05	-.46	1.88	22	T	0			4	2	1				
MOUNT CARMEL	59.5	35.0	47.3		76	17	20	30	525	0	0	15	0	2.75		1.60	23	T	0			5	2	1				
MOUNT VERNON	59.7	37.8	48.8	4.0	73	9	23	24	479	0	0	10	0	4.96		1.41	1.92	23	T	0		5	4	2				
DIVISION 09			48.7	2.9										2.79	+.82			T										

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 76° on the 17+ at 3 stations

Lowest Temperature: 15° on the 30th at Rochelle 1 W

Greatest Total Precipitation: 4.96 inches at Mount Vernon

Least Total Precipitation: 0.80 inch at Hennepin Power Plant

Greatest One-Day Precipitation: 3.50 inches on the 22d at Sparta

Greatest Reported Total Snowfall: 3.0 inches at Fulton Dam 13

Greatest Reported Depth of Snow on Ground: 1 inch on the 30th at 6 stations

See Reference Notes Following Station Index





# DAILY TEMPERATURES

ILLINOIS  
NOVEMBER 1963

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																
ALEDO	MAX MIN	49 29	49 25	63 33	55 47	55 48	54 40	57 45	62 33	65 48	61 42	51 27	49 24	40 27	46 24	54 29	66 40	68 54	56 36	56 30	55 42	61 40	63 42	43 18	45 21	46 30	37 28	52 30	51 29	38 27	37 26	52.8 33.5
DIXON	MAX MIN	50 32	48 26	61 27	53 44	55 47	61 47	61 35	60 35	57 45	58 41	49 31	43 28	41 32	51 27	52 38	65 38	66 56	57 42	56 30	54 42	63 40	61 55	57 24	41 19	40 29	45 27	52 28	54 32	40 27	34 26	53.1 34.5
FREEPORT	MAX MIN	49 33	48 22	62 21	53 45	56 47	60 44	64 34	60 30	56 47	56 38	50 32	39 30	41 32	47 25	52 21	63 39	63 53	56 40	57 27	52 42	61 42	61 47	47 23	41 18	43 29	41 26	51 29	41 30	51 26	30 25	51.7 33.2
FULTON OAM 13	MAX MIN	49 32	50 26	61 26	57 45	55 47	57 42	55 42	60 37	61 45	58 42	56 30	46 29	41 32	45 25	54 25	64 41	65 56	56 38	56 32	53 42	62 40	62 51	52 24	41 21	47 28	43 28	52 29	50 30	41 29	38 31	52.9 35.4
GALVA	MAX MIN	50 32	50 26	61 26	56 45	55 47	57 42	58 42	59 37	63 45	61 42	51 30	44 29	41 32	48 25	52 25	66 41	71 56	59 37	56 32	56 43	62 37	61 54	56 23	44 20	48 28	42 28	54 29	53 31	40 26	36 25	53.7 34.5
GFNESEO	MAX MIN	50 34	49 26	63 30	55 46	55 49	61 41	55 40	61 32	63 45	61 43	51 33	44 33	41 34	41 26	54 26	65 43	69 56	56 37	58 34	55 44	62 40	62 47	48 23	43 19	47 28	46 27	55 30	53 35	41 27	38 29	53.3 35.2
HENNEPIN POWER PLANT	MAX MIN	51 34	48 27	61 22	56 46	56 48	62 49	62 36	61 35	63 47	62 39	55 35	49 33	42 33	49 29	55 30	65 42	70 58	59 41	55 32	56 43	62 39	62 55	58 23	42 22	47 25	48 24	55 28	55 31	41 27	36 29	55.0 34.8
KFWANEE	MAX MIN	50 33	47 27	60 30	57 45	55 47	58 43	57 41	59 37	62 48	60 45	55 32	47 30	40 32	45 26	52 29	64 39	70 55	59 39	55 32	56 43	62 39	62 55	58 23	42 22	47 30	43 30	58 29	53 35	40 27	37 28	53.7 35.7
MCLINE WB AIRPORT	MAX MIN	51 35	50 25	64 31	53 48	55 42	58 41	58 38	62 36	66 44	61 35	52 34	39 34	41 31	45 23	55 23	67 43	65 49	57 31	58 26	55 44	62 35	64 32	36 23	45 21	47 25	40 26	54 32	53 34	41 28	39 20	53.1 33.0
MORRISON	MAX MIN	48 32	48 24	62 21	60 46	56 48	62 49	62 38	61 30	63 46	62 39	55 31	49 30	42 33	47 22	55 30	66 40	64 56	62 39	57 32	54 42	61 37	61 55	60 23	42 18	47 27	46 24	53 29	54 28	42 27	36 29	54.3 33.7
MOUNT CARROLL	MAX MIN	48 33	47 25	62 22	55 42	55 47	59 43	60 33	59 41	58 48	57 45	50 36	46 30	41 23	46 27	54 26	63 40	64 52	55 40	56 24	52 41	62 37	61 47	56 22	52 22	46 25	42 26	48 29	51 29	39 27	35 28	52.3 33.7
PAW PAW	MAX MIN	52 29	52 23	45 25	45 27	48 43	53 45	48 33	53 33	57 40	57 42	48 28	48 28	38 29	40 25	48 23	54 23	55 41	53 42	62 30	55 32	60 42	62 42	60 24	38 20	47 24	47 27	46 27	50 29	52 26	38 24	51.7 30.9
ROCHELLE 1 W	MAX MIN	47 25	47 25	60 30	49 40	54 47	61 35	61 39	59 46	58 42	57 30	49 25	49 30	47 23	47 22	45 30	63 45	67 43	55 30	60 35	53 40	62 42	60 25	37 20	50 25	48 24	45 29	52 30	52 27	39 22	33 25	51.8 30.9
ROCKFORD WB AIRPORT	MAX MIN	50 31	48 27	62 28	52 40	56 48	62 39	64 35	61 38	57 48	57 39	51 34	41 32	43 34	49 27	53 26	65 38	64 53	56 40	58 28	55 44	62 39	61 48	39 26	43 21	50 30	48 28	51 29	52 31	38 24	35 22	52.8 33.6
STOCKTON	MAX MIN	47 31	47 23	60 29	50 41	57 46	60 46	62 36	58 33	57 46	57 35	48 30	48 30	39 31	42 23	51 24	60 38	60 51	53 36	54 32	53 33	56 40	55 45	36 20	43 20	43 30	38 30	50 26	49 25	40 25	33 26	49.9 32.8
WALNUT	MAX MIN	50 31	46 23	60 28	53 45	55 47	61 47	63 35	58 39	61 45	61 42	50 28	42 29	41 32	48 22	53 29	64 40	70 55	57 39	56 32	55 42	63 40	61 53	57 20	42 20	47 30	46 28	54 29	53 34	41 25	31 24	53.3 34.4
NORTHEAST 02																																
ANTIUCH	MAX MIN	50 33	49 27	60 27	52 46	53 46	58 37	66 33	59 35	58 41	58 42	50 31	41 31	39 31	48 28	50 26	60 41	66 54	58 44	58 33	51 39	60 42	60 52	58 27	44 22	48 32	48 30	52 31	50 34	41 30	37 22	52.7 34.9
AURORA COLLEGE	MAX MIN	49 32	49 26	60 23	52 44	54 46	62 48	64 35	59 37	60 48	60 38	50 30	26 26	41 32	50 27	61 21	64 32	68 58	61 39	56 27	55 44	62 47	61 47	48 26	44 18	49 30	49 26	53 29	53 31	42 31	35 28	53.4 34.3
BARRINGTON 1 NW	MAX MIN	47 32	46 26	57 25	58 43	52 46	59 39	62 30	62 35	57 42	59 41	57 30	42 26	39 29	46 27	56 26	61 39	62 53	66 40	56 29	54 40	61 37	61 54	60 25	43 22	47 29	49 28	52 29	51 32	49 28	37 29	53.6 33.6
CHICAGO O HARE AIRPORT	MAX MIN	49 28	47 22	59 21	50 45	53 46	59 35	61 32	59 32	58 37	61 35	50 30	41 28	39 31	48 27	51 24	62 42	69 55	56 33	56 27	53 44	62 43	61 38	38 23	42 18	48 29	49 24	51 30	52 33	39 19	37 21	52.0 31.7
CHICAGO UNIVERSITY	MAX MIN																															
CHICAGO WB AIRPORT	MAX MIN	49 36	48 30	59 28	51 44	56 48	60 48	62 43	61 34	63 44	62 33	52 35	43 30	40 33	49 33	53 29	64 43	70 58	59 39	58 33	57 46	63 41	63 41	46 29	43 23	52 33	51 33	53 32	54 36	41 27	40 25	54.0 36.8
CHICAGO WB CITY	MAX MIN	49 38	49 34	57 36	51 47	56 47	58 53	56 49	55 48	61 50	59 45	43 38	43 34	42 34	46 37	52 35	64 47	71 59	59 48	58 43	58 48	62 49	63 41	44 31	44 31	49 38	51 35	52 34	52 36	41 30	38 29	52.9 40.8
JOLIET	MAX MIN	50 35	49 29	61 26	58 45	55 46	60 48	62 35	58 36	61 45	61 43	58 36	48 28	41 32	50 30	54 27	65 43	68 59	65 40	58 31	57 44	63 43	63 51	46 28	45 22	51 31	51 32	55 30	53 33	50 32	38 25	55.7 36.5
MARENGO	MAX MIN	48 32	46 25	60 25	52 44	55 46	58 47	52 37	52 38	55 48	57 39	58 30	42 28	39 31	40 27	52 26	62 38	66 55	56 40	57 28	52 36	61 43	60 55	59 26	42 20	48 24	47 28	51 29	52 32	38 27	32 22	51.6 33.5
MORRIS 5 N	MAX MIN	49 34	48 26	60 21	54 44	56 47	63 50	62 35	58 34	63 39	62 41	50 29	42 27	41 32	49 28	52 20	65 35	65 59	63 40	58 26	56 42	63 40	62 57	60 28	43 20	48 28	50 28	52 29	53 30	41 29	37 23	54.4 34.0
OTTAWA	MAX MIN	56 35	52 28	61 26	54 45	59 46	64 51	67 39	63 37	61 44	64 45	53 33	44 31	42 34	52 28	54 23	66 40	70 59	62 40	59 29	57 45	64 42	64 57	57 27	46 22	49 29	50 30	55 31	56 36	43 30	37 27	56.0 36.4
PARK FOREST	MAX MIN		48 28	58 30	51 43	53 47	59 44	59 38	61 36	64 44	61 38	50 32	41 29	40 32	49 32	54 29	63 45	68 43	56 37	57 33	57 45	63 45	62 38	39 25	47 22	51 31	54 31	54 31	54 33	40 23	38 23	53.5 34.7
PERU SEWAGE PLANT	MAX MIN	50 33	49 27	60 29	53 48	57 46	63 44	63 37	61 36	62 45	63 42	52 34	42 32	41 34	49 26	55 24	65 42	70 53	59 32	58 27	56 44	63 40	62 36	39 27	45 23	48 33	48 29	51 31	56 32	43 26	34 26	53.9 34.8
SYCAMORE	MAX MIN	49 31	47 28	59 26	53 44	52 45	58 48	62 35	57 36	55 42	58 31	52 25	45 25	40 31	47 25	62 23	67 37	61 55	61 40	56 30	52 42	60 40	60 55	58 24	42 18	46 29	47 27	53 30	54 38	40 27	33 20	52.3 34.1
WAUKEGAN 2 WNW	MAX MIN	48 35	47 29	60 27	54 47	53 47	57 42	59 34	56 36	57 42	59 45	49 33	41 32	40 32	47 26	51 24	62 42	67 51	60 37	59 33	52 40	61 43	62 52	60 29	42 20	48 35	49 31	53 30	51 34	40 27	36 24	52.7 36.2
WHEATON COLLEGE																																



# DAILY TEMPERATURES

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
QUINCY	MAX MIN	52 35	55 28	60 38	56 46	61 49	54 46	60 45	62 43	74 52	65 43	65 39	48 33	38 35	50 28	56 32	66 46	75 57	63 39	55 35	55 45	65 42	65 38	41 26	50 28	49 33	45 32	61 32	55 39	42 30	40 33	56.1 38.2
QUINCY FAA AIRPORT	MAX MIN	52 31	51 25	60 35	55 45	58 48	54 44	60 44	62 41	71 49	63 41	54 37	47 30	38 31	49 25	55 29	67 45	72 48	60 37	55 34	54 44	64 42	64 32	41 25	50 25	48 30	41 30	58 30	55 33	41 28	39 33	54.6 35.4
RUSHVILLE	MAX MIN	52 34	54 24	63 29	60 44	60 48	55 42	65 48	71 48	70 47	68 40	55 38	45 30	45 30	51 25	68 26	70 42	73 42	70 36	63 32	58 40	65 39	63 25	46 25	48 22	48 30	39 27	58 25	48 27	45 33	40 27	57.2 34.2
CENTRAL 04																																
BLOOMINGTON NORMAL	MAX MIN	48 34	49 26	58 31	57 42	50 47	56 47	59 40	61 36	66 48	65 48	60 35	50 29	40 33	48 29	52 28	65 45	66 57	65 39	58 32	56 46	57 43	60 57	59 26	48 24	51 32	52 32	56 30	55 39	52 30	38 28	55.2 37.1
CHENOA	MAX MIN	51 33	48 27	59 23	53 42	56 46	63 48	60 38			65 33	50 32	42 28	41 32	48 27	52 25	66 43	70 58	63 37	57 31	57 45	60 36	60 57	58 25	47 20	50 27	52 30	56 28	54 34	41 29	35 27	54.1 34.4
OPCATUR	MAX MIN	52 34	52 26	60 29	54 43	56 48	63 51	62 43	64 35	71 45	67 45	52 32	50 31	40 32	52 26	56 26	69 46	69 46	65 39	60 28	62 48	61 40	61 50	50 28	21	54 32	57 30	58 29	59 37	44 30	27	56.8 35.9
FARMER CITY	MAX MIN	60 40	49 31	60 23	60 41	58 46	56 46	60 40	61 35	68 42	65 45	52 31	47 29	40 32	54 26		68 43	70 52	65 39	58 35	60 25	60 37	61 50	60 28	21	52 32	55 30	57 29	57 37	42 30	25	56.4 34.1
HAVANA	MAX MIN	51 35	49 27	60 27	57 44	58 49	57 47	58 45	62 37	67 44	62 45	52 37	50 28	41 32	47 27	55 23	68 31	72 58	70 39	57 28	58 45	60 38	65 57	57 25	45 21	49 26	48 27	57 26	55 30	46 29	40 32	55.8 35.3
LACON	MAX MIN																															
LINCOLN	MAX MIN	51 33	50 25	59 27	52 42	62 48	56 45	61 42	62 35	68 43	65 40	62 33	49 31	40 33	49 25	56 26	68 46	68 57	58 37	60 32	59 46	60 40	61 55	56 26	47 22	52 30	54 28	58 26	58 34	43 28	35 28	56.0 35.1
MASON CITY	MAX MIN	49 34	49 25	60 28	55 43	57 48	56 47	60 42	62 34	66 44	62 42	51 33	49 28	41 33	47 26	55 25	69 43	71 57	62 37	58 31	58 45	58 36	62 38	39 25	46 22	50 29	50 28	59 26	55 34	49 28	37 28	54.7 34.9
MINONK	MAX MIN	48 29	48 22	59 24	53 41	57 46	61 47	61 36	62 33	47 40	62 41	47 29	39 27	41 31	48 24	53 22	65 37	70 54	60 37	57 27	57 44	63 39	65 55	57 25	21	50 29	51 28	54 27	54 32	41 29	35 26	54.1 33.4
ROFORIA WB AIRPORT	MAX MIN	50 33	49 26	61 26	50 41	57 46	54 49	59 40	59 34	64 44	61 40	50 33	43 24	40 33	48 24	53 24	66 40	69 49	65 35	55 31	56 45	61 39	61 38	44 23	22	47 31	45 26	55 26	54 32	41 29	32	52.7 33.3
PRINCEVILLE 1 N	MAX MIN	54 34	50 25	47 32	51 41	55 47	56 40	59 39	60 32	64 38	73 42	54 32	48 32				47 25	65 41	61 38	60 32	56 43	61 41	62 42	54 23	45 21	48 31	46 26	50 29	49 35	41 27	36 29	54.9 34.2
FAST 05																																
DANVILLE	MAX MIN	58 37	50 28	58 19	51 42	54 47	60 51	61 44	61 35	69 34	66 45	56 28	48 29	41 32	52 32	55 26	69 47	70 58	66 45	59 24	59 41	61 34	62 57	62 30	50 20	58 24	56 32	57 29	61 28	52 34	41 27	57.4 35.1
HOORESTON	MAX MIN	48 35	46 26	56 24	50 41	53 46	60 47	58 41	58 35	66 39	62 46	49 34	43 28	38 31	48 31	53 26	67 46	70 57	65 45	57 28	58 43	62 38	61 55	60 28	46 22	53 28	54 33	55 30	58 34	46 31	38 25	54.6 35.8
KANKAKEE 3 SW	MAX MIN	49 36	49 28	59 22	50 44	53 47	61 51	60 36	59 36	63 40	63 41	50 32	46 28	40 32	49 30	52 22	65 44	70 58	64 47	57 25	57 42	63 39	61 56	60 29	21	49 29	53 31	55 30	55 30	44 33	23	54.6 35.4
PONTIAC	MAX MIN	51 35	51 27	61 25	55 40	56 48	62 50	62 40	62 37	65 43	65 44	57 33	50 31	42 33	52 29	53 24	66 43	70 58	66 43	59 28	58 45	62 38	62 57	60 28	22	51 30	53 30	57 31	56 36	48 34	39	56.6 36.4
RANTOLL CHANUTE AFB	MAX MIN	47 34	46 28	56 22	48 43	54 47	57 44	57 42	59 36	65 38	61 48	49 33	43 29	40 33	47 27	52 21	67 44	69 56	65 35	55 27	58 46	58 36	60 37	39 26	22	51 26	53 32	54 29	56 30	40 28	36	52.6 33.7
ROBERTS 3 N	MAX MIN	48 42	47 28	58 23	51 42	55 46	61 53	60 40	63 37	67 40	63 47	52 33	45 24	40 33	48 31	53 24	60 43	62 56	65 44	58 26	58 42	61 36	63 56	61 27	46	51 25	52 31	55 29	56 33	49 33	38	55.4 35.9
URBANA	MAX MIN	50 37	49 29	58 27	48 42	53 48	58 48	59 44	62 37	68 42	65 44	50 37	48 31	40 34	50 30	55 27	69 48	71 56	58 46	58 33	57 46	59 39	60 40	48 28	27	52 33	54 35	55 30	57 34	41 28	35	54.3 36.6
WATSEKA 2 NW	MAX MIN	49 35	48 27	58 22	55 42	54 46	62 50	60 39	60 34	66 34	64 42	58 34	48 29	40 30	49 34	54 22	62 44	69 56	59 47	58 25	58 43	64 37	61 56	61 28	48	55 30	54 29	56 26	58 29	51 34	40	56.0 35.0
WEST SOUTHWEST 06																																
ALTON DAM 26	MAX MIN	52 40	52 35	62 35	53 45	65 52	61 50	57 44	62 39	71 45	67 47	55 42	52 33	41 35	49 33	55 33	70 42	70 51	58 39	55 34	64 44	62 43	62 45	52 30	48	54 33	54 37	57 34	56 34	44 32	40	56.7 38.9
CARLINVILLE	MAX MIN	51 36	51 28	61 28	55 43	61 48	65 49	62 46	66 33	71 44	66 42	54 37	52 30	39 34	50 27	56 25	70 47	69 57	66 39	59 24	63 49	63 36	62 56	57 28	21	56 27	56 29	59 27	57 32	46 29	37	57.7 36.1
GRIGGSVILLE	MAX MIN	57 34	53 26	60 32	57 45	62 50	67 47	61 47	64 37	70 42	65 44	56 38	46 31	39 34	50 27	55 32	67 41	70 60	64 38	57 34	56 45	60 43	64 45	57 25	26	49 29	48 36	62 31	55 39	46 29	31	56.7 37.3
HILLSBORO	MAX MIN	55 37	51 27	60 25	56 43	58 48	64 53	59 47	63 33	71 42	67 44	54 37	53 31	42 34	50 27	55 25	68 49	68 58	66 46	57 26	64 49	63 35	61 55	56 30	21	55 32	55 34	56 27	59 30	50 30	38	57.4 36.2
JACKSONVILLE	MAX MIN	54 35	51 27	60 30	57 44	60 49	68 57	60 49	64 34	68 46	65 44	54 37	54 32	40 35	49 28	54 28	69 46	70 58	65 41	57 30	59 46	62 38	63 59	59 27	23	52 28	52 30	59 28	55 33	44 30	29	56.5 37.1
JERSEYVILLE	MAX MIN	56 36	54 24	63 31	58 44	64 49	61 49	61 43	63 33	72 45	72 40	65 36	54 28	41 35	53 26	55 28	70 47	72 58	68 44	57 26	62 48	62 43	62 56	58 28	22	54 26	55 29	56 26	58 35	54 30	27	58.9 36.2
MORRISONVILLE 4 SE	MAX MIN	50 35	51 27	59 29	53 43	57 48	64 50	59 44	64 37	71 43	67 42	54 33	52 29	41 34	50 25	54 26	69 48	68 57	65 39	57 29	63 49	67 42	66 56	56 29	25	55 30	55 32	56 30	55 32	42 30	37	56.8 36.1
PANA	MAX MIN	54 36	54 27	60 29	53 42	56 48	62 50	59 44	61 37	68 43	64 33	51 38	49 31	40 33	46 27	53 27	68 48	68 58	65 45	56 32	61 48	61 38	62 55	47 29	24	55 31	55 34	56 32	56 35	42 32	34	55.6 36.9
SPRINGFIELD WB AIRPORT	MAX MIN	51 30	50 23	61 30	53 43	58 50	61 45	60 38	63 34	70 46	65 38	52 30	51 29	40 33	50 26	55 28	70 48	71 51	60 33	60 28	60 44	63 40	63 37	41 27	24	53 31	54 30	59 28	57 33	44 31	21	56.0 34.3
VITROEN	MAX MIN	55 33	53 26	60 30	55																											

# DAILY TEMPERATURES

ILLINOIS  
NOVEMBER 1963

Continued

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FLORA 2 NW	MAX 62	50	61	52	56	61	61	65	75	70	58	53	41	52	56	71	71	67	60	63	66	65	57	54	59	60	60	64	49	37	59.2	
	MIN 39	30	24	41	48	44	44	34	35	41	36	32	30	30	23	50	57	42	26	47	36	56	33	23	28	36	28	30	29	30	36.1	
MARSHALL 1 E	MAX 59	50	58	52	54	60	60	62	69	68	61	50	45	52	55	70	71	67	59	61	63	62	61	49	58	58	58	62	58	40	58.4	
	MIN 38	28	19	41	45	47	42	34	32	39	32	29	32	29	20	46	55	45	26	43	34	56	30	22	26	34	26	28	32	27	34.6	
MATTOON	MAX 49	48	57	49	55	60	60	62	68	67	52	51	40	49	54	69	69	57	56	60	62	61	44	47	55	57	56	61	42	34	55.0	
	MIN 34	26	25	42	48	45	39	35	41	37	34	29	32	30	25	48	56	33	28	44	38	39	27	25	32	36	32	33	30	23	34.9	
MCNEACUA	MAX 55	49	60	54	56	64	60	62	70	66	54	50	41	47	55	70	69	66	56	64	62	62	61	48	57	55	57	58	57	35	57.3	
	MIN 35	26	24	43	43	51	41	34	39	41	36	32	33	27	22	46	58	41	28	46	36	57	28	23	31	31	27	30	27	29	35.5	
NFATON	MAX 59	50	59	53	55	56	62	64	69	69	59	52	44	53	56	70	72	66	59	62	65	62	58	59	59	59	58	64	52	39	58.8	
	MIN 39	28	25	41	47	47	41	35	36	42	35	30	33	30	26	48	57	45	29	46	39	57	34	25	31	38	29	33	32	29	36.9	
DINEY	MAX 59	52	60	52	55	57	61	66	70	71	60	55	44	55	56	71	72	66	60	62	67	63	62	50	60	61	59	64	59	46	59.8	
	MIN 39	28	22	41	48	48	39	35	33	41	30	27	34	28	21	48	57	46	28	47	39	58	32	23	32	31	32	31	32	32	36.1	
PALESTINE	MAX 58	56	52	52	56	59	61	63	71	70	59	54	40	52	57	70	72	65	60	62	65	62	58	49	60	61	60	63	44	37	58.3	
	MIN 39	27	23	41	48	47	39	35	34	43	32	30	34	30	23	49	57	40	29	46	38	56	31	23	29	38	30	31	32	28	36.1	
PARIS WATERWORKS	MAX 52	47	59	51	54	59	60	62	69	64	51	48	40	49	55	70	71	65	60	60	60	62	57	48	57	59	57	63	44	38	56.4	
	MIN 36	20	25	41	45	47	42	35	42	46	32	29	29	29	29	48	57	42	31	45	40	56	30	24	30	38	30	35	31	27	36.4	
SALEM	MAX 60	51	62	55	56	65	60	65	72	69	57	54	40	52	56	70	69	68	60	64	66	64	56	50	59	59	59	62	49	36	58.8	
	MIN 39	25	25	41	48	48	45	35	36	41	33	28	32	27	25	50	60	42	29	49	49	56	32	23	31	35	28	30	32	29	36.8	
TI SCOLA	MAX 56	50	59	48	55	60	60	62	71	70	52	50	50	51	56	69	70	62	58	59	61	61	58	47	55	57	57	59	45	40	56.9	
	MIN 35	27	22	39	46	51	41	34	45	37	32	26	31	28	23	48	56	43	25	47	36	51	29	24	29	34	29	37	33	27	35.5	
VANDALIA FAA AIRPORT	MAX 51	50	61	51	58	65	60	66	73	68	56	52	40	51	55	70	70	59	58	63	64	61	41	47	59	58	57	62	44	37	56.9	
	MIN 33	26	22	42	50	45	35	32	36	34	32	28	34	22	22	50	53	29	23	39	31	39	25	23	30	32	27	27	30	21	32.4	
WINDSOR	MAX 56	48	58	52	55	61	59	60	68	65	54	49	40	49	54	68	70	65	56	59	62	60	57	45	55	55	55	59	49	36	56.0	
	MIN 35	25	26	40	46	46	41	31	39	44	35	29	30	27	25	45	55	41	30	45	37	36	28	22	29	36	29	33	30	27	34.7	
SOUTHWEST 08																																
APNA 1 E	MAX 70	53	61	52	57	62	57	66	69	71	61	55	48	52	55	65	70	69	63	67	68	67	57	50	61	62	63	57	52	40	60.0	
	MIN 41	29	25	41	47	51	45	37	36	41	39	31	32	28	23	47	59	45	34	48	48	55	31	25	29	41	34	32	31	25	37.7	
BELLEVILLE SCOTT AFB	MAX 51	50	61	52	51	62	57	63	72	69	55	52	39	49	57	69	68	58	55	66	66	62	41	48	55	55	57	58	44	38	56.3	
	MIN 40	28	28	45	60	47	38	36	38	39	37	34	36	28	24	48	51	34	29	40	35	38	29	24	31	34	29	30	33	27	35.3	
CAIRO WB CITY	MAX 54	55	59	54	60	62	57	67	66	72	64	57	42	53	57	68	72	68	65	68	72	69	57	52	61	63	63	56	47	42	60.1	
	MIN 39	36	35	46	53	47	45	40	43	43	41	35	37	34	35	53	62	45	39	54	59	57	37	32	37	46	38	41	34	30	42.4	
CARBONDALE SEWAGE PL	MAX 69	54	62	53	60	64	57	66	72	71	65	68	51	53	56	72	69	61	67	72	67	59	52	62	60	60	63	60	51	40	61.4	
	MIN 42	26	20	44	50	52	42	34	31	38	29	30	34	29	22	51	62	46	28	50	44	34	23	28	39	28	29	31	29	29	36.0	
CARLYLE	MAX 50	53	61	54	61	68	60	72	70	70	57	52	40	57	56	68	68	68	58	66	67	63	58	50	58	58	61	47	28	38	58.6	
	MIN 31	28	25	42	45	53	45	32	32	43	35	29	26	26	26	43	28	43	28	47	36	56	31	24	38	28	31	29	28	28	35.6	
CARLYLE RESERVOIR	MAX 63	51	50	60	54	61	66	60	61	73	66	71	54	39	51	63	67	68	59	57	66	66	65	42	53	58	57	58	60	44	58.8	
	MIN 38	30	31	44	46	53	46	34	39	40	39	32	33	28	29	34	41	34	34	43	39	52	31	26	30	33	30	29	30	29	35.4	
COBEN 2 S	MAX 70	54	60	55	57	61	62	65	68	70	65	59	48	52	56	65	70	68	62	67	70	67	60	50	60	62	60	57	51	43	60.4	
	MIN 40	25	21	41	46	50	42	30	34	38	32	33	31	28	26	46	56	43	34	47	45	56	30	22	29	38	28	29	30	24	35.9	
OU DUCIN 2 S	MAX 68	53	60	54	58	68	58	66	72	71	60	55	48	52	66	68	70	68	60	67	70	65	55	50	61	61	62	62	50	38	60.5	
	MIN 41	27	24	44	50	54	43	34	35	41	34	32	35	30	34	50	59	42	38	49	42	50	32	25	33	41	30	33	33	27	38.1	
EAST ST LOUIS PK5 COL	MAX 53	52	62	57	63	62	57	64	74	70	58	58	50	50	57	72	70	69	55	67	65	63	57	51	57	58	59	57	59	59	60.2	
	MIN 39	32	29	44	51	51	47	43	46	41	38	33	32	30	33	47	48	44	31	43	38	34	29	25	30	35	30	33	30	37.4		
MAKANDA 1 NW	MAX 67	52	61	54	58	63	58	66	70	71	61	54	48	52	55	66	71	69	62	68	70	66	57	52	60	62	62	58	53	41	60.2	
	MIN 36	29	32	42	47	53	47	35	43	48	41	28	33	30	35	47	58	45	38	46	53	56	33	26	29	45	35	41	24	22	39.2	
NASHVILLE 3 NW	MAX 64	50	60	56	59	66	59	64	72	69	62	54	52	50	55	69	69	68	60	68	71	48	50	58	58	58	61	60	50	59	60.6	
	MIN 39	26	28	43	45	54	44	33	38	42	34	30	34	24	26	46	59	44	27	49	38	33	24	33	33	37	37	33	31	29	36.0	
NFA BURNSIDE	MAX 71	52	60	54	59	64	57	66	69	70	62	55	48	51	54	68	70	69	62	65	70	67	62	51	61	63	62	57	52	42	60.4	
	MIN 42	25	26	43	48	54	40	33	39	42	31	31	32	33	27	49	60	47	29	49	56	59	34	21	26	42	33	38	32	25	38.2	
SPARTA	MAX 66	53	61	55	58	68	60	65	72	70	59	55	48	51	57	68	67	68	56	69	67	69	57	51	59	59	61	62	51	38	60.0	
	MIN 39	28	31	43	50	54	45	35	40	44	38	32	34	28	31	49	59	44	34													

# SNOWFALL AND SNOW ON GROUND

ILLINOIS  
NOVEMBER 1963

Station	Day of month																																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NDRTHWEST D1																																	
DIXON																																1.0	
FREEDPT												T																				0.2	
GALVA																																0.4	
MOLINE WB AIRPRT												T	T									T									T	T	
MORRISON												T																				0.7	
NDRTHEAST D2																																	
ANTIOCH													T																			T	
AURORA COLLEGE												T	T																			T	
CHICAGO WB AIRPRT												T	T																			T	
OTTAWA													T																			T	
SYCAMORE													T																			T	
WEST D3																																	
MONMOUTH													T																				
QUINCY FAA AIRPRT													T																			T	
CENTRAL D4																																	
BLODMINGTON NORMAL																																1.3	
DECATUR																																T	
LINCOLN																																T	
PEDRIA WB AIRPRT												T	T																			0.6 1	
EAST D5																																	
HDDPESTDN													T																			T	
KANKAKEE 3 SW													T	T																			
PONTIAC													T	T																			
RANTOUL CHANUTE AFB												T	T																			T	
ROBERTS 3 N																																T	
WEST SOUTHWEST 06																																	
CARLINVILLE																																T	
SPRINGFIELD WB AIRPORT												T	T																			T	
WHITE HALL I E																																T	
EAST SDUTHEAST D7																																	
NEWTN																																	T
TUSCOLA													T																				T
VANDALIA FAA AIRPRT													T	T																			T
WINDSOR													T																				0.5
SOUTHWEST D8																																	T
ANNA I E													T																				
BELLEVILLE SCOTT AFB												T	T																				T
CAIRD WB CITY																																	T
SPARTA																																	T

See reference notes following Station Index.

# SNOWFALL AND SNOW ON GROUND

Station	Day of month																																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
SOUTHEAST 09																																		
ALBION																																		T
HARRISBURG																																		T

## DAILY SOIL TEMPERATURES

STATION AND DEPTH	TIME	Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	4 INCHES	6 AM	51	47	45	48	55	52	53	52	51	51	50	47	51	44	43	45	50	53	48	49	50	53	52	47	44	45	44	44	43	41	48.3
		MAX	53	52	52	50	55	52	55	55	54	54	55	56	53	46	46	45	51	54	54	50	51	53	55	53	52	45	46	46	46	44	51.1
	MIN	51	47	45	45	50	50	52	52	51	51	50	47	46	44	43	43	45	45	48	47	49	50	52	47	44	43	44	44	44	43	41	47.0
	8 INCHES	6 AM	54	51	49	50	51	53	53	53	53	52	50	48	47	46	46	51	54	50	51	51	52	53	48	46	46	46	45	45	44	49.7	
		MAX	55	55	53	52	51	53	54	55	54	54	54	53	50	49	48	47	53	55	54	51	52	53	55	54	54	46	47	46	45	46	51.6
	MIN	54	51	49	50	50	51	53	53	53	53	52	50	48	47	46	46	47	53	55	54	51	50	52	53	48	46	46	46	45	45	44	49.2

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS 500. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p h				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 A.M. CST	NOON CST	6:00 P.M. CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
CAIRO WB CITY	S+	-	8.7	34	S+	22	-	80	60	-	2	2	4	0	1	0	9	57	6.0
CHICAGO O HARE AIRPORT	SSW	21	9.4	25++	WNW	11	83	88	66	74	7	2	2	2	0	0	13	-	6.4
CHICAGO MIDWAY AIRPORT	WNW	15	11.8	38	S	22	75	80	59	63	6	5	2	1	0	0	14	43	6.4
MOLINE WB AIRPORT	NW	15	9.4	34	NW	28+	81	86	63	73	8	2	3	0	1	0	14	51	6.6
PEORIA WB AIRPORT	S	23	9.3	32	SE	22	80	85	65	69	5	5	2	0	1	0	13	51	6.2
ROCKFORD WB AIRPORT	NW	16	9.8	25++	NW	28+	79	83	63	70	7	0	2	1	1	0	11	-	6.8
SPRINGFIELD WB AIRPORT	S	18	11.6	30	S	22	79	82	59	66	5	4	2	0	1	0	12	61	5.4

+ TO 8 COMPASS POINTS ONLY



# STATION INDEX

ILLINOIS  
1965

STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	OBSERVATION TIME AND TABLES				OBSERVER
						ELEVATION	TEMP	PRECIP	EVAP								ELEVATION	TEMP	PRECIP	EVAP	
ALBION	0055	EDWARDS	7	38 23	88 03	530	6P	6P		BESSIE ELLEN	MOUNT OLIVE 1 E	5917	MACOUPH	4	39 04	89 42	885	6P	HAROLD MARUGBER		
ALDIS	0072	MERCER	4	41 13	90 45	720	6P	6P		GENE L. BURGESS	MOUNT PULASKI	5927	LOGAN	1	40 01	89 17	855	5P	ALVA BROWN		
ALLEGANY WATERWORKS	0004	WARREN	10	34 34	84 04	800	6P	6P		MURPHY S. BROWN	MOUNT STERLING	5935	BROWN	1	39 59	90 46	717	5P	MURPHY S. BROWN		
ALTON DAM 26	0137	MADISON	8	48 53	91 11	432	MID	7A	H	U. S. CORPS OF ENGINEERS	MOUNT VERNON	5943	JEFFERSON	4	38 19	88 55	500	6P	HOWARD MEAL		
ANNA 1 E	0187	UNION	5	57 28	91 14	645	6P	6P		W. B. MARTELLE	MOWADIA	5950	SHELBY	2	59 38	89 02	615	6P	HALDON BOHLEN		
ANTIOCH LAKE	0205	LAKE	8	42 04	88 06	800	6P	6P		JOEY CALDWELL	MURPHY S. BROWN WATERWORKS	5983	JACKSON	4	37 48	89 19	420	6P	JOE SCHUMACHER		
AUGUSTA 2 W	0350	MACDOUG	1	40 14	90 59	680	6P	6P		R. WALTER M. ROWLAND, SR.	NASHVILLE 3 W	6011	WASHINGTON	2	38 23	89 24	400	6P	R. E. SCHLEIFER		
AUGORA COLLEGE	0358	KANE	1	41 45	88 20	700	7P	7P	H	AUGORA COL. PHYSICS DEPT	NEWARK 8 E	6049	KENNELL	1	41 35	88 26	670	7A	CORLEY HILLIARD		
BAFFINS	0381	FULTON	5	39 45	90 32	650	6P	6P		JAMES R. MICHELL	PARK FOREST	6080	MERCER	4	41 11	91 03	548	8A	U. S. CORPS OF ENGINEERS		
BARRINGTON 1 NW	0442	LAKE	1	42 10	88 09	810	6P	6P		CHICAGO AERIAL DEPT	NEW BOSTON DAM 1 T	6093	JOHNSON	5	37 35	88 46	540	5P	MAE MCCABE		
BARRY	0445	PIKE	4	39 41	91 03	640	7A			GEORGE E. GRIDER	NEWTON	6159	JASPER	7	39 00	88 10	513	6P	GEORGE M. PAYNE		
BEARDSTOWN	0492	CASS	1	40 01	90 26	645	6P	6P		THOMAS E. PHELPS	OLNEY	6446	RICHLAND	7	38 46	88 06	500	6P	RADIO STATION #4M		
BELLEVILLE SCOT BY BSE	0510	ST. CLAIR	2	39 51	91 47	610	MID	C	H	U. S. AIR FORCE	OSAGE	6450	OGLE	6	42 00	89 20	470	6P	CANNATION COMPANY		
BELVIDERE SEWAGE PLANT	0583	BOONE	6	42 16	88 52	753	6P	6P		CITY OF BELVIDERE	OTTAWA	6526	LA SALLE	1	42 22	88 50	474	7P	JOHN A. BEED		
BENTLEY 1 W	0598	MACDOUG	1	40 22	91 08	635	6P	6P		GEORGE E. FECHT	PALESTINE	6558	CRAWFORD	7	39 00	87 37	514	7P	H. H. GAGDIS		
BENTON FOREST SERVICE	0608	FRANKLIN	4	48 02	88 55	485	6P	6P		MAE R. CRAMER	PEORIA	6579	CHRISTIAN	4	39 23	89 03	496	7P	REV. ROBERT PITTSCH		
BLOOMINGTON WATERWORKS	0741	MCCLEAN	1	40 30	89 01	775	7A			NERL L. BURG	PARIS SEWAGE PLANT	6605	EDGAR	7	39 37	87 41	750	7P	CITY OF PARIS		
BLOODING NORMALS	0748	MCCLEAN	1	40 30	89 01	810	6P	6P		ILL STATE NORMAL UNI	PARIS WATERWORKS	6610	EDGAR	7	39 38	87 42	739	7P	CITY OF PARIS		
BLUFFS	0781	SCOTT	3	39 45	90 32	487	6P	6P		VERNON A. MURPHY	PARK FOREST	6616	COOK	4	41 50	87 41	748	8A	PARK FOREST WATER CO		
BROOKPORT DAM 52	0993	MASSAC	5	57 08	88 39	310	6P	6P		U. S. CORPS OF ENGINEERS	PAW PAW	6661	LEE	1	41 41	88 59	928	7A	W. A. WOODS		
CAIRO W. CITY	1186	ALEXANDER	4	37 00	89 10	314	MID	C	H	U. S. WEATHER BUREAU	PAYSON	6670	ADAMS	3	49 49	91 19	780	8A	U. S. CORPS OF ENGINEERS		
CANTON	1250	FULTON	1	40 36	90 02	655	6P	6P		FLOYD D. HAMMOND	PERIA W. AIRPORT	6711	PEORIA	1	40 40	89 41	652	MID	U. S. WEATHER BUREAU		
CARBONDALE SEWAGE PLANT	1265	JACKSON	8	39 12	93 00	630	6P	6P		HUGH B. SOTE	PERIA W. AIRPORT	6711	PEORIA	1	40 40	89 41	652	MID	U. S. WEATHER BUREAU		
CARLINVILLE	1280	MACOUPH	1	39 17	89 52	625	6P	6P		JACK A. CAMPBELL	PERU SEWAGE PLANT	6735	LA SALLE	1	41 20	89 08	480	MID	PERU SEWAGE PLANT		
CARLYLE	1288	CLINTON	2	38 36	89 22	641	7P	7A		MUM WATER AND POWER PL	PETERSBURG	6740	MENARD	1	40 00	89 51	590	6P	LESLIE A. LINK		
CARLYLE RESERVOIR	1290	CLINTON	2	38 38	89 20	651	8A	6P	BA	U. S. CORPS OF ENGINEERS	PERU FORD	6819	FORD	6	40 43	88 11	870	6P	C. PITTSCH		
CARMI & N	1296	WHITE	7	38 10	90 22	390	6P	6P		MUBERT BOMLEDER	PITTSFIELD 3 NE	6835	PIKE	4	39 37	90 45	440	6P	PITTSFIELD WATERWORKS		
CENTRALIA 2 NE	1386	MARION	2	38 35	89 07	498	6P	6P		GRINNY CITY	PLEASANT HILL	6881	PIKE	4	39 27	90 52	471	6P	LOW GALLOWAY		
CHAMMORN DRESDEN ISL	1420	GRUNDY	8	38 17	89 59	617	6P	6P		U. S. CORPS OF ENGINEERS	PONTIAC	6916	ADAMS	3	49 50	89 37	447	5P	ILLINOIS WATER SERV CO		
CHARLESTON	1436	COLES	7	39 29	88 11	710	6P	7A		EASTERN LILL. UNIV.	PRELAIUD ROCHER	6973	RANDOLPH	4	38 05	90 06	596	7A	FRANCIS E. ROBERT		
CHENOA	1475	MCCLEAN	1	40 44	88 44	710	5P	5P		C. MERLE PARRY	PRINCEVILLE 1 N	7004	PEORIA	1	40 57	89 46	725	6P	FRANK S. STEWART		
CHESTER	1491	RANDOLPH	4	37 56	89 00	465	7A			ROBERT W. GARRIS	PRINCEVILLE 1 N	7014	WHITE SIDE	6	41 40	89 56	605	6P	PUBLIC SERVICE CO H ILL		
CHICAGO CALUMET TR WES	1822	COOK	4	37 34	88 59	630	6P	6P		CHICAGO WATER SUPPLY DIST	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	U. S. WEATHER BUREAU		
CHICAGO LAKEVIEW PUMP STA	1552	COOK	3	41 58	87 40	651	6P	6P		CITY ENGR WATER PURIF	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	U. S. WEATHER BUREAU		
CHICAGO LAKEVIEW UNIV	1537	COOK	3	42 00	87 40	592	7A			CHICAGO SANITARY DIST	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	U. S. WEATHER BUREAU		
CHICAGO MAYFAIR PMP STA	1542	COOK	3	41 38	89 40	651	6P	6P		CITY ENGR WATER PURIF	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	U. S. WEATHER BUREAU		
CHICAGO N BR PUMP STA	1547	COOK	3	41 58	87 42	595	6P	6P		CHICAGO SANITARY DIST	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	U. S. WEATHER BUREAU		
CHICAGO D BR PUMP STA	1549	COOK	3	41 59	87 56	658	MID	C	H	U. S. WEATHER BUREAU	RANTOUL CHANUTE AF BASE	7150	CHAMPAIGN	7	40 18	89 09	740	MID	U. S. AIR FORCE		
CHICAGO ROSELAND PMPG	1548	COOK	3	41 57	89 58	630	6P	6P		CITY ENGR WATER PURIF	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	U. S. WEATHER BUREAU		
CHICAGO RACINE PUMP	1557	COOK	3	41 49	87 41	640	6P	6P		MET. SANITARY DIST	ROBERTS 3 M	7336	FORD	1	40 40	88 11	740	7P	H. R. E. BRADURY		
CHICAGO SAN DIST OFFICE	1562	COOK	3	41 56	87 58	630	6P	6P		CHICAGO SANITARY DIST	ROCHELLE 1 W	7349	OGLE	6	41 55	89 04	798	8A	CALIFORNIA PACKING CORP		
CHICAGO S FILTER PLANT	1566	COOK	3	41 45	87 33	611	6P	6P		CITY ENGR WATER PURIF	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	U. S. WEATHER BUREAU		
CHICAGO WINFIELD PMPG	1572	COOK	3	41 47	87 36	611	6P	6P		CITY ENGR WATER PURIF	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	U. S. WEATHER BUREAU		
CHICAGO W. AIRPORT	1577	COOK	3	41 47	87 29	610	MID	C	H	U. S. WEATHER BUREAU	ROCKPORT	7400	PIKE	4	39 32	91 01	455	6P	HARRIS L. REID		
CHICAGO W. CITY	1582	COOK	3	41 47	87 29	610	MID	C	H	U. S. WEATHER BUREAU	ROCKPORT	7400	PIKE	4	39 32	91 01	455	6P	HARRIS L. REID		
CHILLICOTHE	1627	PEORIA	1	40 55	89 08	480	8A	6P		U. S. WEATHER BUREAU	ROCKPORT	7400	PIKE	4	39 32	91 01	455	6P	HARRIS L. REID		
CISNE	1646	WAYNE	7	38 31	88 28	450	6P	6P		RUSHVILLE	RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	680	6P	GAIN BRIS GREENHOUSE		
EAST LITTLE ROCK STATION	1743	WATT	4	37 10	89 18	540	6P	6P		SAINTE MARIE	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
ELGIN	1775	UNION	4	37 30	89 25	540	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
ELIZABETH	1944	RANDOLPH	2	38 11	89 36	510	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
ELIZABETH	2011	WILL	3	41 27	87 38	680	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
EMERSONVILLE	2145	MERMIION	7	40 06	87 36	527	7A			SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
FAIRBURY	2193	MACON	1	39 51	88 58	670	7P	7P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
FAIRBURY WATERWORKS	2346	LEE	6	42 30	89 29	694	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
FARMER CITY	2417	MCCLEAN	1	40 59	88 51	794	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
FAUNTAIN	2483	PERRY	4	40 59	89 14	430	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
EAST LOUIS PARAS COL	2614	ST. CLAIR	4	38 34	90 40	430	7P	7P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
EDELSTEIN	2642	PEORIA	1	40 56	89 38	800	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
EDWARDSVILLE	2679	NOBLES	6	38 50	89 57	500	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
EFFINGHAM	2687	EFFINGHAM	1	39 07	88 53	595	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
ELGIN	2736	WILL	3	41 27	87 38	680	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
ELIZABETH	2750	HARDIN	5	39 07	88 10	400	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
EVANSTON PUMPING STA	2688	COOK	3	42 02	87 41	625	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
FAIRBURY WATERWORKS	2923	LIVINGSTON	3	38 23	89 19	425	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
FAIRFIELD RADIO W/F	2931	WAYNE	7	38 23	88 59	425	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
FARMER CITY	2993	DE WITT	1	40 15	88 39	750	7A			SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
FARMER CITY	3109	CLAY	6	37 48	88 31	485	6P	6P		SALEM	ROCKFORD 6 AIRPORT	7377	WINNEBAGO	6	42 12	89 06	728	MID	JUDSON E. CAMERON		
FREEMONT	3257	STEPHENSON	6	42 18	89 37	780	7P	7P	H	JOHN SCHROEDER	WASHINGTON 1 EME	8870	CASS	1	39 57	90 13	715	6P	JOHN W. BARBS		
FREEMONT SEWAGE PLANT	3262	STEPHENSON	6	42 17	89 36	743	7A			ALVIN W. TIMM	WATERLOO	9002	MORRIS	4	38 20	90 09	445	6P	EVGENE L. MC MURTRY		
FULTON DAM 13	3290	WHITE SIDE	4	41 54	90 09	592	7A	6P		U. S. CORPS OF ENGINEERS	WATERSEKA 2 NW	9021									

REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Monthly Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
  - G "Soil Temperature" Table.
  - H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
  - J "Supplemental Data" Table.
- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.  
 Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.
  - + And also on an earlier date or dates.
  - ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
  - \* Amount included in following measurement, time distribution unknown.
  - # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
  - // Gage is equipped with a windshield.
  - AR This entry in time of observation column in Station Index means after rain.
  - B Adjusted to a full month.
  - D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
  - M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
  - R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
  - SS This entry in time of observation column in Station Index means observation made near sunset.
  - T Trace, an amount too small to measure.
  - V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.









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U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

## ILLINOIS

DECEMBER 1963

Volume 68 No. 12



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 71° on the 6th at Waterloo 1 WSW

Lowest Temperature: -25° on the 21st at Morrison

Greatest Total Precipitation: 1.61 inches at Marion 2 W

Least Total Precipitation: 0.20 inch at Bentley 1 NW

Greatest One-Day Precipitation: 0.82 inch on the 8th at Flora 2 NW

Greatest Reported Total Snowfall: 12.5 inches at Virden

Greatest Reported Depth of Snow on Ground: 8 inches on the 24+ at 4 stations

SPECIAL WEATHER SUMMARY

Continued dry is the most important item of Illinois weather in December. Precipitation was well below normal over the entire State. The Northwest Division received about 55 percent of normal, but this was the only district to have as much as half the normal. Most areas totaled about 40 percent. Precipitation was almost entirely snow, except in the extreme south.

This was the coldest December on record in northern and central Illinois and the coldest in almost 50 years in the south.

William L. Denmark  
Weather Bureau State Climatologist  
P. O. Box 143 - Station "A"  
Champaign, Illinois





# CLIMATOLOGICAL DATA

ILLINOIS  
DECEMBER 1963

CONTINUED

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										97° or Above	99° or Above	32° or Below	33° or Below										
WEST SOUTHWEST 06																							
ALTON OAM 26	30.4	14.6	22.7		66	6	- 5	22+	1304	0	19	31	4	.67		.20	12	7.1	5	18+	3	0	0
CARLINVILLE	31.5	11.3	21.4	-12.1	65	7	-11	22	1345	0	19	29	11	.72	- 1.30	.31	11	7.5	5	20+	3	0	0
GRIGGSVILLE	29.7	11.4	20.6	-11.9	62	7	-11	22+	1369	0	19	30	9	1.04		.50	9	8.0	4	24+	3	1	0
HILLSBORO	30.3	12.1	21.5	-11.2	61	7	- 9	21	1342	0	19	30	7	.76	- 1.26	.38	12	1.5	2	2	0	0	0
JACKSONVILLE	29.2	11.0	20.1	-12.3	63	7	-12	21	1386	0	19	29	10	.67	- 1.19	.37	8	3.3	3	23+	3	0	0
JERSEYVILLE																							
JERSEYVILLE	34.1M	11.2M	22.7M		67	7	-12	21	1307	0	19	29	9	.77		.33	8				3	0	0
MORRISONVILLE 4 SE	28.5	9.9	19.2	-13.4	62	6	-13	21	1416	0	20	30	11	.64	- 1.17	.33	11	6.6	4	21+	2	0	0
PANA	27.3	11.7	19.5	-13.4	61	7	- 9	21	1405	0	20	29	9	.93	- 1.20	.39	11	8.0	5	22+	3	0	0
SPRINGFIELD WB AIRPORT R	27.9	9.9	18.9	-12.6	65	7	-11	21	1420	0	20	29	12	.59	- 1.30	.25	11	5.2	3	22+	2	0	0
VIRDEN	30.6M	11.6M	21.1M		64	7	- 9	22	1353	0	20	30		1.23		.65	11	12.5	8	11	4	1	0
WHITE HALL 1 E																							
WHITE HALL 1 E	30.9	10.6	20.8	-12.7	66	7	-11	21	1363	0	19	30	10	.56	- 1.21	.42	8	5.0	5	23+	2	0	0
DIVISION 06																							
			20.8	-12.5											.78	- 1.14				6.5			
EAST SOUTHEAST 07																							
CHARLESTON	28.6	12.6	20.6		60	7	- 9	21	1369	0	20	30	8	.79	- 1.40	.34	8	6.7	4	24+	3	0	0
EFFINGHAM	31.5	13.3	22.4	-10.7	63	7	- 7	21	1314	0	19	30	7	.89	- 1.44	.39	8	8.8	4	23+	3	0	0
FLORA 2 NW	32.7	12.3	22.5	-12.8	64	7	- 8	21	1310	0	19	29	10	1.52		.82	8	6.5	3	23	3	0	0
MARSHALL 1 E	30.9	10.9	20.9		61	7	-11	21	1358	0	20	31	11	1.07		.49	8	6.3	4	24+	3	0	0
MATTDON	26.9	10.8	18.9		60	7	- 8	21+	1425	0	20	30	9	.72		.31	7	4.6	3	25+	2	0	0
MOWEAQUA																							
MOWEAQUA	28.3	9.7	19.0		61	7	-12	21	1418	0	20	31	10	.85		.30	12+	6.8	4	19+	3	0	0
NEWTON	31.8	13.6	22.7		62	7	- 7	19	1305	0	19	30	6	1.37		.62	8	7.1	3	23+	4	1	0
OLNEY	33.2	12.6	22.9	-12.6	63	7	- 9	19	1297	0	17	29	8	1.01		.59	8	7.6	5	24+	3	1	0
PALESTINE	30.9	12.5	21.7	-12.8	62	7	- 9	21	1335	0	20	29	10	1.32	- 1.61	.42	11	10.5	6	23	5	0	0
PARIS WATERWORKS	28.7	11.2	20.0	-12.4	60	7	-14	21	1390	0	19	29	11	1.42	- 1.07	.52	7	10.0	3	24+	7	1	0
SALEM																							
SALEM	32.9	13.0	23.0		64	6	- 8	21+	1297	0	19	30	8	.98	- 1.72	.50	8	4.0	4	23	2	1	0
TUSCOLA	28.1	10.1	19.1		61	7	-14	22+	1413	0	20	30	10	1.16	- 1.05	.33	18+	8.5	4	23	4	0	0
VANOALIA FAA AIRPDRY	29.7	8.7	19.3		64	6	-13	21	1407	0	18	30	12	.99		.40	7	5.2	4	13+	4	0	0
WINOSDR	28.0	10.5	19.3	-13.2	60	7	-12	22+	1412	0	20	31	11	.88	- 1.56	.34	11+	6.0	4	23+	3	0	0
DIVISION 07																							
			20.9	-12.7											1.07	- 1.44				7.0			
SOUTHWEST 08																							
ANNA 1 E	35.5	15.5	25.5	-12.2	65	6	- 3	24	1218	0	15	30	3	1.45	- 2.09	.48	11	4.7	4	24+	4	0	0
BELLEVILLE SCOTT AFB	30.7	13.9	22.4		66	6	- 5	19+	1315	0	19	30	4	.87		.49	11	4.3	3	16+	2	0	0
CAIRO WB CITY	37.0	22.1	29.6	- 9.9	66	6	- 8	24	1090	0	11	24	0	1.39	- 2.28	.47	11	6.0	6	23	4	0	0
CARBONALE SEWAGE PL	36.5	16.8	26.7	-11.0	66	6	- 8	24	1182	0	12	27	3	1.52	- 1.46	.68	8	4.4	4	25+	3	1	0
CARLYLE	32.7	14.2	23.5		67	6	- 6	22+	1282	0	17	30	5	.87		.37	8	3.0	1	18+	3	0	0
CARLYLE RESERVOIR																							
CARLYLE RESERVOIR	32.2	12.2	22.2		66	9+	- 9	21	1319	0	17	29	9	.65		.35	8	2.0	0		3	0	0
COBDEN 2 S	37.2	14.9	26.1		62	6	- 3	24	1200	0	14	30	3	1.22		.73	8	5.0	5	27+	2	1	0
DU QUOIN 2 S	35.9M	15.8M	25.8M	-11.3	66	6	- 3	19	1211	0	15	29	3	.76	- 2.10	.52	8				3	1	0
EAST ST LOUIS PKS COL	34.4M	14.3M	24.4M		69	6	- 4	22+	1261	0	16	29	3	.44		.31	10	7.2	5	20+	1	0	0
MAKANDA 1 NW	35.7M	16.7M	26.2M		64	6	- 1	21	1205	0	16	30	0	1.24		.56	8				4	1	0
NASHVILLE 3 NW																							
NASHVILLE 3 NW	M	13.9	M		65	6	- 8	17		0	30	7	1.31	- 1.23	.44	11	2.5	0		3	0	0	
NEW BURNSIDE	36.5	15.8	26.2	-11.2	64	6	- 4	19	1197	0	12	28	3	1.56	- 1.75	.66	8	5.5	5	23	3	1	0
SPARTA	35.3	16.6	26.0	-11.1	67	6	- 2	22	1202	0	18	29	3	.83	- 1.52	.42	8	3.5	2	23	2	0	0
WATERLOO 1 WSW	35.7	16.0	25.9		71	6	- 2	21+	1204	0	18	29	3	.47	- 1.85	.18	8	2.1	2	18+	3	0	0
DIVISION 08																							
			25.4	-11.7											1.04	- 1.86				4.2			
SOUTHEAST 09																							
ALBION	34.2	15.5	24.9		64	7	- 4	21+	1236	0	17	30	4	1.57		.61	8	7.0	5	23	4	1	0
BROOKPORT OAM 52	37.6	17.3	27.5		64	6	- 5	24	1155	0	13	28	2	1.45	- 2.04	.53	23	6.5	7	24+	3	1	0
ELIZABETHTOWN	37.0	16.0	26.5		64	7	- 5	24	1195	0	12	30	2	1.12		.49	11	5.5	5	24+	3	0	0
FAIRFIELD RAOID WFIW	33.0	15.1	24.1	-12.3	63	7	- 5	19	1260	0	19	30	5	1.02		.54	8	6.8	4	24+	3	1	0
HARRISBURG	37.8	16.4	27.1	-11.1	67	6	- 8	24	1171	0	11	26	3	1.43	- 1.54	.55	8	6.0	5	24+	3	1	0
MCLEANSBORO																							
MCLEANSBORO	34.7	16.4	25.6	-11.5	66	6	- 3	19	1215	0	16	29	3	1.21	- 1.79	.53	8	5.5	5	23	3	1	0
MOUNT CARMEL	33.7	14.5	24.1		63	8	- 6	24	1260	0	16	29	5	1.21		.43	8	6.8			4	0	0
MOUNT VERNON	34.4	14.9	24.7	-11.0	67	6	- 5	19	1245	0	18	30	5	1.29	- 1.55	.54	8	4.6	3	24+	4	1	0
DIVISION 09																							
			25.6	-11.3											1.29	- 1.77				5.8			

See Reference Notes Following Station Index



# DAILY PRECIPITATION

ILLINOIS  
DECEMBER 1963

Continued

Station	Total	Day of Month																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
ENHAROSVILLE	.63							.20	.02	.01	.31	.03						.01	.05																			
GRAFTON	.43								.08		.08	.15																										
GREENVILLE 1 E	.83		T		T			.46			.27													T														
GAIGGSVILLE	1.04				T			.24	.50	T		.21																										
HARWIN	1.07				T			.60			.37																											
HILLSBORO	.76				T				.30	T		.38																										
JACKSONVILLE	.67		T	T				.08	.37	T		.12							T																			
JERSEYVILLE	.77				T				.33	T		.15	.21																									
MEADRA	.68				T				.33	T		.28	T																									
MORRISONVILLE 4 SE	.64		T			.03			.18	T		.33	.03						T																			
MOUNT OLIVE 1 E	.56					T			.22	T		.27	T																									
PAVA	.93		T		.01		.02		.37			.39	.02	T						.02	.10				T													
PLEASANT HILL	.67							.17	.11	.01		.27	T							.04	.07																	
ROCKPORT	.51							.150	.03			.20								.13																		
SPRINGFIELD WB AIRPORT R	.59			.01		.03			.08	.05	T	T	.25	T					.17	T																		
TAYLORVILLE	.77	.03			T	.03			.27	.02	T	T	.24						.18																			
VIROEN	1.23								.18			.65								.30																		
VIRGINIA	.79				T	.04			.56		T	.14							.05	T																		
WHITE HALL 1 E	.50				T				.42			.10																										
EAST SOUTHEAST 07																																						
CENTRALIA 2 NE	.43					.10			.33			T																										
CHARLESTON	.79	.03		.02		.02			.34	.03		.02	.19						T		.14				T													
EFFINGHAM	.89			.01		T		.02	.39	.02		.33	.02						T		.10																	
FLORA 2 NW	1.52			T		.02			.82	T		.50																										
GREENUP	.82				.02				.08			.08																										
HUTSONVILLE POWER PL	.94	T		.01		.03			.43	.05		.10	.24																									
LAWRENCEVILLE 3 WSW	1.23		T			.05			.58	T		.36	T								.06																	
MARSHALL 1 E	1.07			.05	T	.03			.49	.07		.20	.10							.03	.08			T														
MATTOON	.72		.02		.01			.31	.07		T	.23	T							.08	T																	
MONTEAQUA	.85			.01		.01			.30	.02		.01	.30								.20																	
NEWTON	1.37			T		T		.02	.62	.06		.37																										
OLNEY	1.01				.03			.03	.59	.03		.11																										
PALMESTINE	1.32			.04		.02		.14	.41	.03	T	.42																										
RARIS WATERWORKS	1.42			.10		T		.52	.20		.20	.10							.20		.11			T														
SAINTE MARIE	1.09	T				T		.51	.01		.15	.09									.16																	
SALEM	.98			T		.01			.50	.01		.35	.02																									
TUSCULA	1.16	.09		.02		.05			.33	.13		.21																										
VANDALIA FAA AIRPORT	.99		T			.05		.40	.15	T	.03	.28	T							.12	.01																	
WILCOX	1.20								.40			.10	.30																									
WINDSOR	.88			.02		T			.34	T		.34	T						.03	.15																		
SOUTHWEST 08																																						
ANNA 1 E	1.45							.30	.28			.48																										
BELLEVILLE SCOTT AFB	.87				T			.27	.08	T	.06	.38	T						.04		.03																	
CAIRO WB CITY	1.39							.44	T		.03	.47	T																									
CARRONDALE SEWAGE PL	1.52		.01						.68	T		.07	.34	T																								
CARLYLE	.87					T			.37			.16	.27																									
CARLYLE RESERVOIR	.65								.35	T		.10	.18																									
CHESTER	.97					T			.50			.04	.30																									
CORBEN 2 S	1.22								.73			.46																										
DU QUAIN 2 S	.76							.02	.52			.10																										
EAST ST LOUIS RKS COL	.44					T			.09		.31	.10	T						.04		.02																	
GRAND TOWER 2 N	1.37								.60			.11	.40																									
HARADA 1 NW	1.24							.12	.56			.39	T																									
MARION 2 W	1.61								.73	.01	T	.50	.01							T	T																	
NASHVILLE 3 NW	1.31					.02			.40		.40	.44																										
NEW BURNSIDE	1.56								.66			.43	.02																									
PRAIRIE DU ROCHER	.42								.09	T		.15	.18																									
RED BUD	.78								.42	T		.36	T																									
SRARTA	.83					T			.42	T		.39	T																									
WATERLOO 1 WSW	.47					T			.18	T		.10	.17																									
SOUTHEAST 09																																						
ALBION	1.57					.03			.61	.04		.35									.15																	
BENTON FOREST SERVICE																																						
BROOKPORT DAM 52	1.45	T	T						.39	T	T	.08	.45	T																								
CARMI 6 NW	1.34					T			.64	T		.36																										
ELIZABETHTOWN	1.12								.30			.49	.02																									
FAIRFIELD ROAD WFW	1.02					.04			.54	.01		.28	.03																									
GLENDALE EXR STATION	1.32																																					



# DAILY TEMPERATURES

ILLINOIS  
DECEMBER 1963

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHWEST 01																																	
ALEDO	MAX MIN	35 18	31 15	35 13	33 26	34 28	51 30	53 37	44 26	28	24 15	29 20	26 6	13 3	6 -5	4 -8	5 -11	20 0	13 -8	5 -9	2 -10	-1 -20	6 -15	10 -12	35 4	40 14	41 31	33 13	25 4	21 -4	12 -8	18 -5	23.6 6.3
OLIXON	MAX MIN	31 16	29 15	27 13	29 24	32 24	47 27	53 29	47 29	26 18	30 23	25 10	13 1	11 -5	8 -8	9 -8	17 -4	10 -5	4 -12	1 -12	6 -18	11 -12	11 -11	30 3	36 13	38 29	29 8	24 -4	20 -6	8 -10	16 -12	22.8 5.6	
FREEPORT	MAX MIN	30 14	27 12	26 6	28 19	32 23	45 28	53 23	49 27	31 23	25 17	30 24	29 6	11 0	14 -5	11 -6	11 -11	13 -8	3 -6	0 -12	6 -15	3 -19	6 -18	11 -22	32 3	37 7	36 27	28 6	18 -1	17 -9	18 -18	24 -20	22.5 3.1
FULTON DAM 13	MAX MIN	33 19	31 18	26 17	30 24	33 27	43 27	52 34	47 27	32 17	29 24	28 18	17 2	13 -4	10 -5	17 -7	15 -3	5 -11	2 -12	5 -15	10 -12	11 -15	11 -15	34 4	42 14	40 28	32 14	23 1	22 -4	11 -11	18 -12	24.1 6.9	
GALVA	MAX MIN	33 16	32 18	30 13	31 25	33 26	53 27	56 34	38 27	31 17	25 17	28 24	14 3	7 -7	7 -8	6 -12	20 -3	17 -6	5 -11	3 -11	2 -16	9 -11	13 -8	31 3	39 17	41 29	32 13	23 14	14 -3	11 -7	20 -5	23.5 7.2	
GENESEO	MAX MIN	34 17	31 17	29 15	32 25	35 28	53 29	55 30	45 28	53 20	28 17	26 23	12 3	10 -5	8 -6	9 -10	19 -2	13 -6	4 -10	2 -13	4 -19	7 -14	14 -12	34 4	40 17	40 32	32 13	24 2	14 -4	20 -5	14 -10	24.3 6.8	
HENNEPIN POWER PLANT	MAX MIN	35 19	33 18	29 17	31 24	33 27	52 26	58 35	55 29	30 24	26 19	30 23	17 4	10 -4	10 -6	21 -5	19 -3	1 -14	3 -14	1 -20	5 -18	13 -11	11 -13	34 4	41 14	40 32	35 15	24 1	22 -5	12 -9	20 -11	25.5 6.8	
KFWANEE	MAX MIN	33 18	31 18	28 17	31 25	34 27	49 28	55 35	54 28	29 19	25 23	26 18	16 2	16 -3	10 -5	20 -9	18 -0	4 -5	2 -9	1 -11	1 -16	7 -8	11 -8	32 4	37 24	41 32	32 18	23 5	21 -2	11 -5	17 -2	24.1 8.5	
MCLINE WB AIRPORT	MAX MIN	35 15	30 19	32 15	32 27	35 28	54 28	55 26	34 26	26 20	25 17	28 23	24 7	10 1	8 -3	5 -7	7 -10	18 -1	3 -10	2 -14	1 -22	-1 -21	6 -20	11 10	35 27	41 11	39 27	27 0	24 -3	12 -7	13 -9	22.2 5.4	
MORRISON	MAX MIN	34 10	30 10	27 15	30 22	33 27	50 26	51 28	51 26	30 24	27 18	32 21	29 9	19 2	12 -6	8 -6	8 -7	19 -5	14 -5	5 -1	1 -25	14 -18	14 -19	36 4	39 10	39 26	32 16	26 -5	27 -7	15 -11	19 -15	25.0 4.2	
MOUNT CARROLL	MAX MIN	30 15	30 13	26 13	30 22	33 23	45 30	53 25	47 28	31 24	28 17	29 22	13 1	12 -1	11 -5	10 -9	14 -6	13 -4	3 -12	3 -14	5 -19	10 -18	11 -20	35 2	38 8	39 30	32 11	22 -2	21 -8	8 -16	15 -17	23.5 4.2	
PAW PAW	MAX MIN	34 15	33 13	28 13	28 14	28 22	48 27	55 27	55 26	35 23	28 16	26 16	20 -3	10 -8	8 -10	5 -10	6 -8	18 -6	3 -12	0 -18	0 -20	2 -19	12 -10	15 -4	32 12	38 26	35 16	22 -2	13 -9	15 -13	15 -9	21.8 3.7	
ROCHELLE 1 W	MAX MIN	33 15	31 14	29 14	25 18	28 18	32 20	55 29	58 33	29 24	26 18	30 25	10 -1	10 -5	10 -4	16 -2	10 -10	6 -4	0 -12	0 -10	0 -23	5 -18	12 -12	15 -8	30 10	32 18	34 12	25 -8	20 -8	8 -10	7 -16	22.2 1.8	
ROCKFORD WB AIRPORT	MAX MIN	32 17	30 13	26 10	30 20	34 15	47 25	55 28	36 24	27 18	32 25	26 18	10 -1	13 -5	10 -4	12 -9	15 -5	4 -7	3 -12	0 -20	4 -15	13 -16	14 -16	34 4	37 11	39 25	28 11	19 -4	7 -4	7 -12	14 -17	22.3 4.0	
STOCKTON	MAX MIN	28 15	26 12	27 12	27 20	30 20	42 22	48 26	38 27	27 21	27 14	25 22	19 -1	10 -7	9 -8	9 -11	10 -2	8 -8	3 -11	0 -15	1 -19	3 -8	10 -8	34 1	36 20	34 27	27 7	16 -4	11 -7	8 -10	15 -6	20.6 4.7	
TISKILWA	MAX MIN				34 26	53 25	58 26	53 25	32 23	26 18	29 24	25 18	15 6	10 -4	8 -5	9 -8	21 -5	18 -4	3 -8	2 -13	1 -20	9 -16	11 -13	34 4	42 18	40 31	34 15	25 -8	22 -3	12 -8	20 -12	23.9 5.9	
WALNUT	MAX MIN	31 14	29 13	26 13	30 24	32 25	54 35	49 28	29 20	26 16	29 21	23 7	13 2	13 -8	7 -9	8 -10	18 -4	11 -8	7 -11	0 -21	2 -15	8 -15	10 0	32 18	36 30	41 10	30 10	23 0	18 -9	10 -11	17 -5	22.1 4.4	
NORTHEAST 02																																	
ANTILOCH	MAX MIN	29 12	33 15	24 12	29 13	34 15	48 27	54 28	44 25	33 22	28 18	33 25	30 11	12 3	15 -4	20 0	23 -2	13 -2	14 -1	8 -9	7 -12	20 -10	24 -5	26 1	30 5	41 18	37 25	26 10	19 0	14 -6	11 -7	19 -9	25.7 7.0
AURORA COLLEGE	MAX MIN	31 11	34 20	25 11	28 22	35 17	49 27	59 29	53 28	30 22	27 20	28 23	11 -1	11 -7	11 -8	14 -8	18 -7	12 -13	4 -13	4 -13	13 -10	20 -10	22 -8	28 1	38 11	36 27	27 4	20 -4	20 -12	9 -10	16 -5	24.6 5.3	
BARRINGTON 1 NW	MAX MIN	33 10	32 15	27 9	27 8	32 15	46 25	56 23	54 28	32 19	29 15	32 23	30 18	20 3	10 -7	11 -7	14 -8	15 -3	15 -1	5 -13	2 -17	10 -16	19 -12	24 7	30 10	30 28	30 17	19 -3	11 -8	15 -13	16 -16	24.5 4.9	
CHICAGO O HARE AIRPORT	MAX MIN	29 11	32 10	23 10	30 10	34 8	45 22	56 22	42 23	32 17	28 25	26 17	12 -2	11 -6	11 -6	15 -2	15 -9	9 -9	2 -14	6 -16	13 -11	19 -13	22 -8	27 4	35 18	35 24	24 3	18 -4	8 -8	7 -12	17 -14	23.1 3.4	
CHICAGO UNIVERSITY	MAX MIN	35 22	35 23	27 17	32 24	37 27	49 30	57 37	45 29	32 26	29 22	33 27	15 1	12 -2	16 -1	22 3	10 -3	14 -4	7 -6	10 -5	2 -2	5 -2	28 9	28 8	42 33	40 28	28 21	15 5	12 1	20 -2	20 -3	26.9 12.2	
CHICAGO WB AIRPORT	MAX MIN	35 20	35 19	27 15	31 22	36 27	49 29	59 32	45 29	32 22	29 27	31 11	14 0	12 -3	14 -3	18 -1	19 0	11 -6	15 -7	5 -9	2 -6	10 -6	19 2	25 6	28 6	38 18	37 27	27 9	21 -2	11 -3	19 -2	25.8 9.9	
CHICAGO WB CITY	MAX MIN	36 24	36 24	29 19	31 25	36 28	48 32	57 40	46 29	34 28	31 23	35 16	16 3	13 0	15 7	20 8	15 -3	8 -2	15 -12	6 -13	5 -13	10 -13	18 15	20 12	28 24	29 12	41 27	29 12	23 8	18 3	13 1	27.8 14.8	
JOLIET	MAX MIN	31 16	34 22	28 16	29 24	36 24	51 27	60 32	55 30	32 25	28 26	27 19	20 7	14 -2	16 -4	15 -6	19 -2	17 -1	10 -9	8 -12	18 -13	15 -13	20 10	28 11	30 11	40 11	40 32	28 11	20 -3	10 -7	16 -10	26.7 9.5	
MARENGO	MAX MIN	32 13	30 14	25 11	28 11	32 13	45 27	54 23	47 27	30 22	28 17	25 8	10 0	12 -6	12 -5	13 -6	15 -8	12 -4	3 -12	2 -15	8 -15	16 -14	20 -11	28 2	40 8	34 20	34 11	17 -3	17 -7	17 -11	23 -14	23.2 3.9	
MORRIS 5 N	MAX MIN	32 16	34 21	26 12	30 24	35 20	50 25	59 25	52 28	29 18	29 20	13 11	9 -4	9 -8	11 -9	20 -7	19 -7	5 -10	4 -13	10 -17	19 -12	22 -6	28 -3	38 16	38 28	31 11	22 -3	21 -6	11 -11	19 -15	25.1 5.5		
OTTAWA	MAX MIN	34 19	34 20	29 12	31 26	35 27	54 29	59 32	53 29	30 24	26 19	27 24	16 7	11 -1	10 -4	13 -6	15 -1	15 -3	6 -8	5 -13	11 -18	19 -11	23 -6	35 16	41 16	41 30	32 10	24 -4	22 -2	12 -6	21 -6	26.5 8.4	
PARK FOREST	MAX MIN	32 16	33 17	25 12	30 24	35 25	50 28	58 35	44 28	30 25	25 22	30 21	15 1	9 -3	12 -6	15 -1	20 -2	10 -7	4 -10	6 -13	19 -10	22 -5	26 4	29 5	38 17	38 26	27 6	21 0	18 -5	10 -8	22 -6	25.2 7.9	
PERU SEWAGE PLANT	MAX MIN	34 20	31 19	27 12	31 26	34 26	52 28	58 26	35 30	31 23	28 22	25 10	15 2	11 0	11 -3	21 -5	10 -5	4 -13	4 -17	9 -13	15 -12	16 -8	33 4	42 15	40 30	31 15	23 5	20 -2	11 -6	22 -9	24.7 7.8		
SYCAMORE	MAX MIN	30 13	30 8	23 10	28 15	31 27	48 28	55 20			29 20	29 29	12 -2	11 -7	9 -3	11 -9	16 -5	8 -8	2 -14	2 -19	5 -18	15 -11	18 -7	26 3	38 7	37 25	26 10	20 -2	17 -10	17 -12	21.5 2.8		
WAUKEGAN 2 WNW	MAX MIN	29 14	34 19	25 15	28 20	35 26	56 30	53 29	33 23	28 19	33 25	29 12	14 3	17 -5	14 -1	14 -2	14 -2	4 -8	5 -10	16 -8	2 -8	24 -4	30 5	43 20	37 27	27 15	19 2	16 -5	9 -7	20 -6	25.5 8.5		
WHEATON COLLEGE	MAX MIN	32 11	32 21	27 12	29 18	33 22	45 27	56 30																									

# DAILY TEMPERATURES

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Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MONMOUTH	MAX	37	33	38	35	33	55	56	46	26	25	27	25	15	10	9	6	22	14	6	4	2	10	15	39	41	44	34	25	23	18	20
	MIN	16	16	10	26	28	28	36	26	18	15	19	10	4	-4	-6	-10	-1	-7	-7	-6	-18	-14	-13	5	20	33	15	5	-2	-6	-3
QUINCY	MAX	49	41	46	40	46	65	58	38	28	25	27	24	21	15	15	14	29	15	11	8	6	10	17	40	48	47	36	32	27	22	26
	MIN	22	24	22	33	28	36	38	24	19	13	22	12	9	-1	-3	-5	10	-4	-4	0	-11	-11	-8	9	25	35	22	12	8	2	5
QUINCY FAA AIRPORT	MAX	48	37	43	38	45	63	58	35	23	25	25	23	16	10	11	12	27	9	9	5	5	13	14	34	42	45	31	28	25	21	26
	MIN	21	23	20	30	30	34	35	22	16	13	22	12	3	-1	-7	9	-7	-9	-7	-13	-11	-11	13	20	31	15	9	3	-1	4	
RUSHVILLE	MAX	42	44	42	42	41	63	53	32	25	24	26	25	21	15	17	8	25	20	8	8	7	9	18	39	48	42	33	20	21	16	28
	MIN	17	20	15	30	30	24	30	25	18	12	18	17	1	-3	-6	-10	8	-5	-12	-14	-10	-12	-11	1	18	32	17	3	4	-4	2
CENTRAL 04																																
BLOOMINGTON NORMAL	MAX	35	35	32	32	34	52	59	58	28	24	27	25	19	16	12	11	20	23	6	4	5	14	21	30	39	41	35	24	23	15	23
	MIN	18	22	20	28	22	29	39	28	22	18	22	18	5	-3	-6	-7	-3	-2	-10	-11	-14	-9	0	4	18	31	22	7	3	-3	1
CHENOA	MAX	38	35	35	30	35	53	60	50	28	25	30	26	18	10	11	14	22	22	6	4	6	15	20	30	37	41	33	25	22	15	25
	MIN	16	23	16	26	21	28	32	26	22	19	22	10	3	-4	-5	-7	-2	-5	-9	-12	-16	-15	-7	30	37	41	33	25	22	15	25
DECATUR	MAX	43	40	38	33	35	60	63	52	27	28	28	27	24	11	15	14	24	26	9	9	10	18	21	33	42	46	33	29	25	21	29
	MIN	17	26	20	29	29	30	38	27	22	15	24	12	5	-3	-4	-7	1	-1	-8	-4	-12	-8	5	5	15	33	16	9	8	-2	1
FARMER CITY	MAX	39	38	33	32	36	54	62	53	28	28	28	28	20	9	11	13	28	24	6	5	7	18	23	28	33	40	35	27	24	11	24
	MIN	13	26	20	27	26	27	33	25	20	14	22	6	0	-5	-5	-8	-3	-9	-9	-9	-17	-12	4	6	15	31	17	5	5	-4	-2
HAVANA	MAX	42	42	37	35	37	55	59	55	28	28	26	25	19	13	8	7	24	24	8	6	5	12	14	34	44	43	35	28	26	16	23
	MIN	17	22	17	29	29	25	30	28	22	17	23	19	6	-1	-3	-6	6	-3	-5	-3	-12	-11	-7	4	13	32	22	10	4	-1	-1
LACON																																
LINCOLN	MAX	42	35	36	34	36	56	62	36	28	28	28	26	22	11	13	11	24	24	9	5	4	13	18	32	43	44	34	27	25	18	25
	MIN	17	24	14	28	28	28	34	25	18	15	20	10	5	-2	-3	-7	3	-4	-7	-5	-12	-12	-4	4	15	30	20	7	5	-2	-1
MASON CITY	MAX	42	39	37	33	32	57	61	48	27	25	27	25	17	9	10	10	25	24	9	5	3	10	15	32	41	42	33	26	25	16	24
	MIN	16	22	16	27	28	28	34	26	18	14	23	12	0	-3	-5	-8	0	-5	-9	-6	-12	-13	-8	2	15	32	18	8	4	-3	-1
MINONK	MAX	34	32	29	30	36	50	58	49	26	26	28	24	16	9	11	12	21	20	6	3	5	15	18	30	37	41	32	25	20	13	21
	MIN	15	21	16	26	23	27	32	26	22	19	18	13	2	-4	-6	-8	-3	-5	-9	-14	-20	-12	-7	1	18	31	14	2	-1	-7	-3
PEORIA WB AIRPORT	MAX	37	34	32	31	33	52	57	33	24	25	26	24	14	7	7	8	22	10	4	1	2	10	13	31	38	40	30	25	22	13	19
	MIN	17	22	17	27	28	28	33	24	17	18	23	6	1	-3	-5	-9	4	-11	-9	-9	-18	-13	-6	4	12	30	4	4	-1	-7	-1
PRINCEVILLE 1 N	MAX	37	34	32	34	53	55	56	35	34	30	28	24	18	10	6	10	22	11	5	5	5	8	12	32	40	42	32	24	24	13	20
	MIN	17	20	15	26	28	33	34	28	25	18	22	14	6	-4	-5	-9	2	-10	-11	-18	-17	-10	10	17	15	6	5	2	-7	-4	
FAST 05																																
DANVILLE	MAX	41	41	35	33	36	54	61	55	30	29	30	29	22	17	16	18	20	25	9	10	11	21	26	30	38	45	37	26	24	17	27
	MIN	16	30	18	25	26	28	28	28	24	20	24	21	2	-1	-3	-5	-5	1	-15	-12	-21	-13	10	-1	10	32	21	8	7	-7	-7
HOOPESTON	MAX	35	36	28	30	34	51	59	54	27	26	28	26	20	9	11	13	19	22	3	3	5	17	24	27	35	40	35	23	22	13	22
	MIN	18	28	16	22	24	26	34	26	24	20	22	19	5	-2	-4	-5	0	-2	-8	-12	-16	-9	7	4	19	30	19	5	4	-4	-3
KANKAKEE 3 SW	MAX	33	35	29	30	35	51	59	54	27	28	29	27	17	9	10	13	20	20	2	2	7	17	23	27	37	38	34	23	22	10	20
	MIN	15	28	11	23	20	25	27	27	25	21	20	17	5	-2	-4	-5	-4	-1	-9	-16	-16	-11	-2	1	16	31	18	2	-1	-7	-10
PONTIAC	MAX	36	35	30	31	37	54	60	57	29	26	28	26	20	13	15	17	20	20	9	6	9	19	23	32	38	44	35	25	24	17	24
	MIN	18	24	15	27	22	28	31	28	23	20	21	19	6	-2	-4	-6	0	-1	-9	-12	-16	-13	-2	3	12	33	23	6	2	3	-5
RANTOUL CHANUTE AFB	MAX	37	34	28	31	32	53	59	33	24	25	28	25	17	8	9	12	22	11	4	3	3	15	20	25	36	38	30	22	20	12	20
	MIN	17	25	16	24	27	25	29	24	20	19	19	8	2	-2	-3	-7	0	-6	-8	-7	-14	-7	1	1	17	30	10	7	1	-2	-2
ROBERTS 3 N	MAX	37	35	30	30	35	53	60	61	28	24	29	27	18	12	11	13	20	19	8	3	-2	17	21	28	36	39	25	22	14	24	
	MIN	18	26	13	23	18	27	32	28	22	20	21	15	10	-3	-4	-5	-4	-2	-6	-13	-16	-11	10	2	18	32	19	5	2	-6	-5
URBANA	MAX	41	37	30	33	34	54	60	33	26	28	29	25	20	10	13	12	25	9	7	7	9	20	25	30	37	42	31	25	23	17	25
	MIN	20	27	23	27	28	28	33	25	21	19	24	12	3	0	-1	-5	0	-6	-6	-6	-9	-2	5	5	21	31	13	10	3	0	3
WATSEKA 2 NW	MAX	35	36	33	31	36	52	60	55	28	25	30	26	19	11	11	14	18	18	3	2	8	19	24	28	35	39	34	24	20	14	23
	MIN	14	24	13	22	25	24	24	28	23	21	18	19	0	-2	-4	-6	-6	-1	-9	-14	-18	-15	11	9	13	10	2	1	1	-7	-8
WEST SOUTHWEST 06																																
ALTON DAM 26	MAX	53	41	43	40	48	66	65	39	28	28	29	27	23	15	16	15	32	16	18	10	9	10	15	35	46	46	36	31	27	22	27
	MIN	25	30	23	32	28	28	30	24	23	18	25	18	9	3	2	1	14	1	0	4	-5	-5	-1	12	23	30	22	16	10	6	8
CARLINVILLE	MAX	49	44	40	37	46	65	65	55	27	29	29	27	23	14	15	15	28	28	16	10	9	11	19	35	46	48	34	23	22	20	31
	MIN	17	27	18	27	23	31	36	27	21	15	23	12	4	-2	-2	-6	3	-2	-5	0	-10	-11	-2	6	19	34	23	13	12	0	0
GRIGGSVILLE	MAX	48	39	42	39	40	60	62	49	25	26	27	25	19	12	12	13	28	27	13	12	18	12	16	34	45	41	35	30	28	19	24
	MIN	21	23	18	29	30	30	39	25	20	13	22	14	7	-2	-4	-6	7	-4	-4	0	-11	-11	-8	7	26	28	22	11	9	1	2
HILLSBORO	MAX	48	44	37	36	43	61	61	58	29	28	29	28	23	18	15	13	28	27	19	11	7	11	18	35	43	48	37	29	27	18	27
	MIN	16	27	20	23	31	28	34	28	2																						

# DAILY TEMPERATURES

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Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EFFINGHAM	MAX	45	44	38	35	39	61	63	51	29	30	30	30	26	18	17	17	27	28	17	9	12	19	25	33	44	49	37	30	25	20	28	31.5
	MIN	20	28	26	24	31	29	36	27	22	17	25	19	8	-2	-3	-5	4	0	-6	1	-7	-5	11	4	19	32	25	12	14	1	4	13.3
FLORA 2 NW	MAX	48	46	39	35	44	64	64	53	32	31	31	31	29	20	18	15	29	28	18	15	10	20	24	34	44	49	41	30	25	19	28	32.7
	MIN	19	29	26	20	30	27	36	28	24	16	25	14	8	0	-2	-4	0	3	-7	3	-8	-6	11	-4	10	33	26	12	12	-1	0	12.3
MARSHALL 1 E	MAX	42	42	35	36	35	57	61	58	30	31	30	30	27	22	15	17	21	27	13	10	11	19	26	31	39	49	42	30	26	18	28	30.9
	MIN	19	28	22	21	29	26	30	29	22	14	25	24	1	-2	-8	-5	-3	0	-10	-6	-11	-8	15	1	10	27	28	9	14	-1	-1	10.9
MATTOON	MAX	42	38	33	34	35	57	60	35	25	28	28	27	20	7	11	10	27	15	10	5	7	15	23	30	39	43	34	28	24	17	26	26.9
	MIN	18	28	24	28	29	28	33	24	20	17	24	12	2	-4	-5	-6	2	-6	-8	-2	-8	-5	5	4	14	31	16	11	4	0	4	10.8
MOWEAUA	MAX	36	42	37	38	32	58	61	52	34	24	27	28	23	22	10	15	22	26	10	5	6	13	18	33	43	45	29	16	17	26	28	28.3
	MIN	18	25	23	22	29	23	32	32	22	17	18	11	-4	-5	-3	-7	-5	-2	4	-11	-12	-3	1	9	24	24	10	0	1	3	8	9.7
NEWTON	MAX	47	43	36	35	38	59	62	54	30	32	31	30	27	20	17	16	26	25	13	12	13	21	26	33	41	49	39	30	25	25	30	31.8
	MIN	20	29	26	25	30	29	37	30	23	18	25	16	10	-1	-3	-5	2	2	-7	1	-6	-4	14	2	17	31	28	12	15	2	3	13.6
OLNEY	MAX	46	48	48	39	40	62	63	50	29	33	31	33	30	17	21	19	28	26	21	14	15	21	27	35	43	51	41	30	26	15	27	33.2
	MIN	18	26	27	20	30	30	38	28	23	16	26	20	12	0	-2	-1	5	1	2	-9	2	-8	-6	6	0	8	33	28	12	15	-1	1
PALESTINE	MAX	46	43	32	38	36	59	62	47	28	33	32	30	26	17	15	15	26	25	15	10	13	21	31	42	47	37	28	27	18	27	30.9	
	MIN	20	30	25	26	30	29	38	28	24	16	26	13	11	-2	-2	-6	1	0	-8	0	-9	-5	14	3	10	33	22	11	9	-1	0	12.5
PARIS WATERWORKS	MAX	42	52	34	34	33	56	60	50	38	30	31	30	23	10	13	12	21	21	8	5	4	18	23	30	40	45	37	27	23	15	26	28.7
	MIN	18	28	23	25	28	28	37	27	23	16	26	11	5	-2	-4	-6	-1	-2	-8	-8	-14	-9	15	4	17	33	20	9	9	-1	0	11.2
SALEM	MAX	50	47	38	35	45	64	63	54	29	30	30	30	27	19	19	17	30	30	19	15	11	18	22	36	45	50	40	31	25	21	29	32.9
	MIN	19	30	27	21	32	26	40	28	23	18	25	15	6	0	-1	-3	4	0	-3	4	-8	-4	11	0	14	30	20	15	15	2	5	13.0
TUSCOLA	MAX	42	38	34	33	34	57	61	55	28	27	29	27	22	16	13	12	22	22	7	6	5	18	18	30	39	43	40	26	24	18	25	28.1
	MIN	17	26	23	26	29	28	32	28	23	17	24	8	1	-5	-4	-1	-2	-2	-9	-8	-14	-14	7	1	12	33	25	10	5	-2	2	10.1
VANOALIA FAA AIRPORT	MAX	48	40	37	35	46	64	63	35	26	29	29	27	22	13	19	15	28	15	18	8	7	15	17	36	45	48	37	33	25	21	27	29.9
	MIN	17	30	26	21	29	25	33	25	20	15	25	-3	-9	-7	-7	-10	5	-9	-12	-3	-13	-9	-1	-1	10	29	19	12	8	2	2	8.7
WINDSOR	MAX	42	40	35	34	36	57	60	53	27	28	29	28	20	15	10	10	24	24	10	7	6	14	22	29	38	43	35	28	27	11	25	28.0
	MIN	19	27	23	25	29	26	32	27	21	16	23	13	4	-3	-5	-7	-1	-2	-9	-2	-12	-12	10	1	14	29	22	9	11	-2	-2	10.5
SOUTHWEST 08																																	
ANNA 1 E	MAX	51	49	42	37	52	65	61	45	35	38	34	32	27	25	24	24	32	30	26	20	18	18	20	32	44	49	43	39	33	23	31	35.5
	MIN	18	30	22	25	26	26	38	30	19	19	25	21	19	5	4	3	10	7	-1	1	8	0	2	10	-3	10	31	26	20	21	4	4
BELLEVILLE SCOTT AFB	MAX	50	40	40	38	47	66	63	38	28	28	29	27	23	16	17	16	31	17	18	11	8	12	17	37	48	52	39	30	26	19	27	30.9
	MIN	21	31	22	24	27	29	37	27	24	18	26	13	7	4	1	1	12	-5	-5	4	-4	-4	5	3	21	31	23	18	10	4	5	13.9
CAIRO WB CITY	MAX	54	49	44	41	53	66	61	43	39	40	37	33	32	24	27	26	36	33	28	23	21	23	26	28	43	45	43	34	38	23	33	37.0
	MIN	29	36	31	33	34	37	40	35	31	27	32	27	21	12	12	11	18	12	10	14	9	10	9	8	19	33	30	25	17	11	12	22.1
CARBONDALE SEWAGE PL	MAX	53	49	43	38	53	66	63	54	37	35	33	32	30	25	25	24	34	33	25	21	18	19	24	33	47	53	45	33	34	22	32	36.5
	MIN	17	33	23	23	27	28	40	34	28	19	28	25	20	8	5	5	14	8	0	10	0	3	11	-8	9	35	26	21	18	6	4	16.8
CARLYLE	MAX	50	40	38	39	48	67	64	52	29	28	31	30	25	17	17	14	31	29	9	18	8	15	17	37	47	50	35	29	38	22	29	32.7
	MIN	26	31	25	22	32	31	40	28	22	19	24	18	9	1	0	-2	4	2	3	-4	-6	-6	9	5	14	32	23	17	15	4	3	14.2
CARLYLE RESERVOIR	MAX	38	50	41	39	36	46	57	66	66	28	29	30	25	19	15	25	16	30	10	18	11	12	15	19	38	46	50	39	41	24	20	32.2
	MIN	23	23	23	24	29	32	35	34	22	18	18	20	8	0	-3	-3	-1	2	-5	-2	-9	-3	-7	6	16	16	26	14	17	3	3	12.2
COBLEN 2 S	MAX	52	50	42	40	52	62	61	55	38	37	46	32	28	25	24	25	35	32	26	24	22	19	23	32	44	50	46	39	34	25	32	37.2
	MIN	16	29	21	21	23	22	35	29	25	15	25	21	17	3	4	2	19	7	-1	8	0	2	10	-3	10	31	24	20	17	5	4	14.9
OU DUDIN 2 S	MAX	52	49	41	50	50	66	63	51	34	34	32	32	30	21	22	22	33	30	22	22	15	18	22	34	46	56	42	31	23	30	35.8	
	MIN	20	31	24	23	32	30	39	31	27	19	28	23	20	6	6	4	11	6	-3	4	-2	2	8	-2	12	33	20	15	1	6	15.8	
EAST ST LOUIS PKS COL	MAX	53	54	45	40	50	69	55	30	29	30	32	27	19	20	21	34	30	22	17	12	11	19	36	54	56	48	39	34	22	24	34.4	
	MIN	31	31	24	27	25	27	29	24	19	23	20	12	5	3	2	14	3	2	4	-4	-1	15	21	32	27	17	9	3	2	5	14.3	
MAKANO 1 NW	MAX	52	48	41	37	51	64	61	50	39	35	32	32	28	25	23	24	33	32	25	21	17	18	22	32	45	53	47	32	23	30	35.7	
	MIN	22	30	23	25	29	33	36	20	27	23	19	6	5	4	13	8	2	9	1	3	11	8	20	34	25	21	6	4	16.7			
NASHVILLE 3 NW	MAX	50	48	40	36	48	65	38	31	23	20	22	22	9	-2	1	0	-8	-4	-4	7	-4	-3	8	1	15	32	21	18	19	5	5	13.9
	MIN	21	31	23	23	30	32	38	31	23	20	22	22	17	4	1	-1	6	3	-4	4	-4	-2	18	3	15	32	25	14	13	1	6	15.5
NEW BURNSWIC	MAX	51	49	41	38	50	64	63	56	38	37	34	33	29	28	24	24	34	33	25	22	18	23	32	44	51	45	36	35	25	30	36.5	
	MIN	19	33	23	20	32	31	40	31	28	16	11	20	21	7	3	2	10	8	-4													



# SNOWFALL AND SNOW ON GROUND

ILLINOIS  
DECEMBER 1963

Station	Day of month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																
OIXON	T		1.0	T	T			T	T		T	4.1	4	3	3	3	3	4.3	7	6	6	6	5	5	4	4	T	T				
FREEPORT	T	1.0	1	1	1		T	0.1	T	T	3.5	0.5	4	3	3	3	3	2.5	5	5	5	5	4	4	4	3	3	T	T			
GALVA			0.6	1	1.0	1			T			3.2	3	2	2	2	2	0.5	2.6	5	5	5	5	5	5	4	3	3	3	3	3	
MOLINE WB AIRPORT	T	0.7	T	0.6	T	T	0.3	0.7	0.1	T	4.1	T	4	3	3	3	3	3.2	3	6	6	6	6	5	5	4	2	2	1	1	1	
MORRISON			0.7	1	1						1.5	2.5	4	3	3	3	2	5	1.0	6	5	5	5	5	5	4	3	2	2	2	2	
NORTHEAST 02																																
ANTIOCH		T	T	T	T			T	T	T	2.0	2.0	4	4	4	4	4	2.0	0.5	6	7	7	6	6	6	6	4	3	3	3	3	
AURORA COLLEGE		0.6	5	3	1			T	T	T	2.1	0.2	3	3	3	3	3	2.8	T	6	6	6	5	T	5	5	5	5	4	4	4	
CHICAGO WB AIRPORT		0.3	T	0.4	T	T		0.7	T	T	2.5	0.2	3	1	1	1	1	3.2	4	3	3	T	2	1	0.6	1	T	T	T	T	T	
OTTAWA	T	0.3	T	T				1.0	T	T	2.0	1.0	3	3	3	3	2	3.0	0.5	5	5	5	5	5	5	3	2	1	1	1	1	
PARK FOREST	0.3							0.5			2.1	2	2				3.0	2	2	2	2	1	1	1	2	1	1	1	1	1	1	
SYCAMORE				T	T						3.0	1.0	2.0	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	3	
WEST 03																																
LA HARPE		T			0.1	1		2.0	T	1	3.0	T	4	3	3	3	3	2.0	0.5	5	5	5	5	5	5	3	2	1	1	1	1	
MONMOUTH			0.3	0.5			1.0	1	1	1	3.5	0.5	4	4	4	4	4	3.0	0.5	7	7	7	7	6	6	5	4	4	4	3	3	
QUINCY FAA AIRPORT		T		T		T	0.1	T	T	2.5	T	4	4	3	3	2	2	1.0	3	3	3	3	3	3	3	3	1		T	T		
CENTRAL 04																																
BLOOMINGTON NORMAL	0.3				0.9			0.5	1.3	1	0.8	1.3	2	2	2	2	2	1.5	1.3	2	4	3	3	3	3	3					T	
DECATUR					0.5	T		2.0	2	1	T	3.0	0.9	4	4	4	4	1.0	5	5	5	5	5	5	4	2	T	T	T	T	T	
LINCOLN	T		0.5	1	0.7	1		T	0.7	1	1	T	2.2	2	2	2	2	2.3	5	5	5	5	5	4	4	3	2	1	1	T	T	
PEORIA WB AIRPORT	0.7	T	0.9	1	T	T	0.4	T	T	1.9	T	2	2	2	2	1	1	2.2	T	3	3	3	3	3	3	2	1	1	1	1	1	
EAST 05																																
HOOPERSTON			0.1	T	0.3			0.3	0.2	T	0.4	0.4	1	1	1	1	1	0.6	1.4	2	3	3	3	3	T	3	3	3	1	1	1	
KANKAKEE 3 SW	T	T	0.3	T	T			0.1	0.4	T	T	2.0	2	2	2	2	2	3.0	5	5	5	5	4	T	T	4	4	4	1	1	1	
PONTIAC		T	T	T				T	0.8	1		3.0	3	2	1	1	1	3.0	4	-	-	-	-	-	-	-	-	-	-	-	-	
RANTOUL CHANUTE AFB	T	T	0.5	T		T	1.4	T	T	1.0	T	2	2	2	2	2	1	1.5	3	3	2	2	2	T	2	2	1	T	T			
ROBERTS 3 N			0.2	T	0.3		0.6	0.4	1	1	1.7	0.7	2	3	3	3	3	0.3	0.1	3	3	3	3	3	3	2						
WEST SOUTHWEST 06																																
CARLINVILLE		T		T	T		0.5	T		4.0	T	3	3	3	3	3	T	3.0	5	5	5	4	4	4	3	1						
MORRISONVILLE 4 SE		T		0.6			0.5	T		4.2	0.5	4	4	4	3	3	T	0.8	4	4	4	4	3	3	3	2	T	T	T	T	T	
SPRINGFIELD WB AIRPORT	0.1	T	0.3			T	0.5	T	T	2.6	T	3	2	2	2	2	1.7	T	3	3	3	3	3	2	2	2	1	T	T	T	T	
WHITE HALL 1 E		T						T	T	3.0	3	3	3	3	3	3	3	2.0	5	5	5	5	5	5	4	2	T	T				
EAST SOUTHEAST 07																																
NEWTON			T		0.1			0.5	T	T	3.0	3	2	1	1	1	1	2.0	3	3	3	3	3	1.5	3	2	1	1	T	T	T	T
TUSCOLA			0.5	0.5			0.5	1.5	2		2.5	3	3	3	3	3	3	3.0	5	-	-	-	-	-	3	3	2	1	T	T	T	
VANOALIA FAA AIRPORT		T		T		T	1.0	T	0.3	2.8	T	4	4	3	2	2	1.0	0.1	3	3	3	3	3	T	3	3	2	T	T	T	T	
WINOSOR			T	T			1.0	T	T	3.0	T	3	3	3	3	3	0.5	1.5	2	4	4	4	4	4	4	3	2	1	1	1	1	1

See reference notes following Station Index.



# SNOWFALL AND SNOW ON GROUND

Station	Day of month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SOUTHWEST 08																															
ANNA 1 E											0.2								T					4.5	4	4	1	T	T		
BELLEVILLE SCOTT AFB		T		T				0.8	T	0.5	3.0	T	3	3	3	3	3	T	T		2	2	2	2	T	2	2	T			
CAIRO WB CITY									T		T	T						T					4.5	1.5	6	5	4	3	T	T	
SPARTA					T				T		1.0							1.0					1.5	2							
SOUTHEAST 09																															
ALBION					T				T	0.4		1.1						1.5					4.0	5	4	3	1	1	1	1	
GOLCONDA OAM 51	T				T				T	T								T					5.7	0.5	6	6	4	1	T	T	
HARRISBURG									T									1.0					5.0	5	5	3	T	T	T	T	
MOUNT VERNON	T				T				T	T	1.2	0.3		1	1	1	1	1	0.6				2.5	3	3	T	T	T	T	T	

## DAILY SOIL TEMPERATURES

STATION AND DEPTH	TIME	Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA																																	
4 INCHES	7 AM	38	39	39	38	38	38	39	39	39	38	37	38	37	36	34	34	33	33	33	33	32	32	32	32	32	32	32	32	31	31	34.9	
	MAX	41	40	40	39	38	39	40	42	43	39	38	38	38	37	36	36	33	34	33	33	32	32	32	32	32	32	32	32	32	35.8		
	MIN	38	38	38	38	38	38	39	39	38	37	38	37	36	34	34	33	33	33	33	32	32	32	32	32	32	32	32	31	31	34.8		
8 INCHES	7 AM	41	41	42	41	40	40	41	41	41	40	39	39	38	38	36	36	33	35	35	34	34	34	34	34	34	34	34	34	33	33	36.9	
	MAX	45	41	42	42	41	40	41	41	42	41	40	40	39	39	38	36	36	36	35	35	34	34	34	36	34	34	34	34	34	37.5		
	MIN	41	41	41	41	40	40	40	40	41	40	39	39	38	38	36	36	33	35	35	34	34	34	34	34	34	34	34	34	33	33	36.7	

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER 01AL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS SOO. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p h				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 AM CST	NOON CST	6:00 PM CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
CAIRO WB CITY	N*	-	9.0	35	W*	7	-	68	55	-	3	1	4	0	0	0	8	72	4.5
CHICAGO O HARE AIRPORT	WNW	26	9.1	21++	WSW	13	80	81	68	77	5	6	3	0	0	0	14	-	5.2
CHICAGO MIDWAY AIRPORT	SW	22	10.2	28	S	7	73	75	66	70	3	5	3	0	0	0	11	55	5.5
MOLINE WB AIRPORT	WNW	24	9.3	26	NW	27	76	77	68	76	6	4	3	0	0	0	13	62	4.8
PEORIA WB AIRPORT	WNW	20	8.2	26	W	9+	76	76	66	73	6	3	3	0	0	0	12	62	5.2
ROCKFORD WB AIRPORT	NW	21	8.4	22++	NW	9	75	75	65	73	6	3	3	0	0	0	12	-	4.8
SPRINGFIELD WB AIRPORT	W	15	10.7	36	W	8	72	75	62	67	5	4	2	0	0	0	11	73	5.1

\* TO 8 COMPASS POINTS ONLY











# EVAPORATION AND WIND

ILLINOIS  
DELAYED DATA

Station	Day of month																															Total of Avg		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
AUGUST 1962																																		
CARLYLE RESERVOIR	EVAP	--	--	--	--	--	--	--	--	.29	.30	.22	.25	.26	.28	.23	.28	.26	.30	.44	.35	.24	.27	.30	.22	.14	.16	.21	.26	.30	.04	--		
	WIND	--	--	--	--	--	--	--	--	9	69	57	63	60	64	70	41	58	42	67	100	62	42	44	54	93	40	19	21	35	35	50	--	
	MAX	--	--	--	--	--	--	--	--	85	90	88	84	90	87	85	89	89	88	94	97	95	96	98	91	78	89	91	92	92	76	--		
	MIN	--	--	--	--	--	--	--	--	70	62	61	63	65	60	56	57	62	62	65	67	68	71	71	71	69	62	62	65	64	64	65	--	
HENNEPIN POWER PLANT	EVAP	--	--	--	--	--	--	--	--	--	--	--	--	--	.19	.22	.24	.31	.23	.28	.31	.30	.29	.31	.33	.33	.13	.20	.28	.25	.26	.33	.16	--
	WIND	--	--	--	--	--	--	--	--	--	--	--	--	--	73	40	45	48	49	29	81	45	34	45	54	49	46	31	32	46	41	50	50	--
	MAX	--	--	--	--	--	--	--	--	--	--	--	--	--	86	86	87	90	87	90	92	94	94	95	95	95	83	90	92	91	93	91	87	--
	MIN	--	--	--	--	--	--	--	--	--	--	--	--	--	62	61	59	65	61	59	68	73	71	66	72	74	72	65	63	66	65	68	69	--
SEPTEMBER 1962																																		
CARLYLE RESERVOIR	EVAP	.15	.04	.18	.00	.13	.23	.16	.30	.03	.15	.25	.30	.18	.23	13	.04	.15	.28	.24	.32	.15	.15	.13	.15	.16	.15	.17	.17	.21	.17	5.00	--	
	WIND	.87	1.2	1.1	.42	.81	.93	.31	.33	1.03	1.30	.53	.57	.77	1.00	43	59	46	51	38	100	55	46	43	36	52	56	38	94	55	49	1.771	--	
	MAX	.96	.74	.90	.80	.82	.77	.77	.83	.73	.88	.82	.83	.88	.91	.97	84	86	82	83	75	71	71	72	79	67	72	73	71	72	74	79.8	--	
	MIN	.69	.68	.71	.70	.56	.50	.52	.54	.71	.65	.54	.54	.59	.72	.69	63	64	56	55	43	46	51	60	60	60	55	49	45	45	46	57.2	--	
HENNEPIN POWER PLANT	EVAP	.24	.20	.13	.14	.18	.18	.19	.13	.14	.35	.21	.13	.21	.28	.20	.13	.30	.19	.23	.17	.25	.18	.15	.06	.12	.15	.10	.15	.18	.07	5.34	--	
	WIND	.52	.18	.29	.42	.55	.32	.38	.32	.65	1.15	.48	.68	.67	.50	.35	.25	.94	.55	.59	.46	.51	.38	4.5	1.0	5.2	2.4	3.0	3.7	3.2	1.7	1.361	--	
	MAX	.89	.88	.86	.84	.77	.80	.82	.78	.88	.85	.83	.91	.90	.87	.81	.87	84	75	72	68	77	83	74	75	73	70	74	66	72	80.1	--		
	MIN	.77	.78	.74	.70	.51	.51	.52	.60	.68	.62	.52	.54	.71	.69	.63	.58	.57	.50	.59	.43	37	53	43	59	56	46	52	39	46	50	57.0	--	
OCTOBER 1962																																		
CARLYLE RESERVOIR	EVAP	.06	.12	.02	.19	.15	.17	.01	.20	.15	.15	.28	.23	.15	.13	.14	.26	.10	.16	.24	.04	.10	.20	.20	.02	.06	.14	.15	.07	.02	.15	4.19	--	
	WIND	.62	.96	.51	.77	.48	.38	.55	.82	.46	.43	1.08	1.24	.64	.36	.40	1.32	.88	.29	.59	.86	.96	.36	1.22	.80	.69	.68	.65	1.53	1.02	.39	85	--	
	MAX	.72	.61	.70	.74	.77	.82	.70	.86	.76	.81	.84	.86	.86	.85	.81	.81	.72	.67	.73	71	68	69	70	58	51	51	49	69	68	52	63	--	
	MIN	.54	.57	.52	.53	.59	.60	.59	.55	.55	.60	.62	.64	.64	.73	.66	.45	.53	.52	.54	.59	.46	.42	.35	.34	.34	.32	.52	.47	.45	.38	52.3	--	
HENNEPIN POWER PLANT	EVAP	.27	.23	.28	.06	.03	.05	.09	.04	.05	.23	.20	.15	.14	.16	.23	.22	.17	.17	.11	.34	.06	.15	.15	.05	--	--	--	--	--	--	84.69	--	
	WIND	.41	.54	.71	.40	.20	.24	.48	.82	.36	.48	.79	.49	.47	.48	.64	1.17	.39	.50	.32	.38	.48	85	117	61	123	42	53	60	30	80	66	1.792	--
	MAX	.62	.67	.71	.67	.70	.71	.77	.75	.79	.83	.86	.82	.82	.85	.83	.79	.69	.61	.74	.58	.66	.64	.57	.52	--	--	--	--	--	--	72.1	--	
	MIN	.56	.57	.59	.58	.55	.55	.59	.58	.52	.55	.64	.69	.56	.68	.66	.61	.65	.51	.52	.48	45	50	39	34	--	--	--	--	--	--	55.5	--	
NOVEMBER 1962																																		
HENNEPIN POWER PLANT	EVAP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
HENNEPIN POWER PLANT	WIND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
APRIL 1963																																		
CARLYLE RESERVOIR	EVAP	--	.26	.40	.20	.18	.15	.18	.23	.21	.26	.07	.15	.16	.18	.33	.32	.24	.27	.28	.31	.35	.22	.30	.11	.12	.14	.23	.05	.02	.23	86.36	--	
	WIND	--	1.15	1.97	1.57	.86	.49	.24	.54	1.16	1.24	1.07	.70	.90	.46	.48	1.16	1.94	1.31	1.82	1.10	1.09	.61	1.57	.63	.27	.21	.43	.75	.78	1.53	82900	--	
	MAX	--	.78	.79	.66	.64	.62	.73	.75	.73	.70	.49	.62	.72	.73	.74	.73	.76	.77	.80	.78	.80	.85	.81	.57	.69	.68	.77	.61	.63	.84	71.1	--	
	MIN	--	.53	.58	.43	.38	.44	.39	.50	.48	.37	.37	.38	.42	.40	.45	.47	.53	.61	.60	.47	.50	.50	.43	.38	.40	.46	.50	.52	.55	.48	71.7	--	
MAY 1963																																		
CARLYLE RESERVOIR	EVAP	.11	.17	.30	.32	.17	.07	.22	.29	.44	.45	.41	.26	.10	.15	.37	.22	.33	.18	.32	.13	.35	.30	.23	.22	.13	.04	.02	.12	.22	.29	.29	7.22	--
	WIND	.78	.45	.99	.84	.86	.59	.42	1.03	1.55	1.65	1.49	1.41	.67	.60	.50	.90	.84	.92	.95	.79	.48	.85	.63	.29	.43	.72	.51	.76	.89	.60	.35	2.474	--
	MAX	.50	.75	.73	.83	.78	.71	.85	.86	.89	.89	.90	.77	.72	.87	.94	.74	.69	.71	.82	.74	83	77	74	79	65	76	66	81	81	85	86	78.1	--
	MIN	.38	.39	.43	.52	.60	.54	.54	.57	.60	.65	.48	.47	.54	.61	.57	.56	.60	.56	.56	.52	.52	.47	.45	.46	.50	.54	.62	.62	.60	.59	.58	53.7	--
HENNEPIN POWER PLANT	EVAP	--	.19	.28	.14	.17	.22	.29	.36	.35	.21	.17	.15	.26	.35	.15	.14	.23	.29	.16	.22	.25	.18	.17	.20	.24	.26	.07	.04	.08	.27	.33	86.63	--
	WIND	--	.89	.74	.50	.54	.33	.58	1.39	.86	.75	.70	1.24	1.03	.90	.58	.57	.43	.95	.57	.70	114	95	28	31	30	53	38	17	50	2.2	37	82005	--
	MAX	--	.74	.82	.82	.84	.81	.87	.92	.90	.73	.71	.82	.81	.77	.79	.74	.78	.75	.78	.76	68	81	82	86	84	75	68	76	89	83	79.6	--	
	MIN	--	.45	.56	.61	.52	.49	.55	.76	.66	.64	.47	.48	.53	.55	.52	.49	.57	.57	.54	.46	53	41	45	51	56	59	59	60	61	63	59	55.0	--
JUNE 1963																																		
CARLYLE RESERVOIR	EVAP	.30	.30	.30	.39	.32	.28	.31	*	*	1.11	.47	.35	.37	.22	*	*	.60	.32	.30	.32	.24	*	*	.90	.30	.32	.31	.34	*	.62	9.29	--	
	WIND	*	*	1.79	.53	.56	.60	.74	*	*	1.98	.97	.74	.36	.82	*	*	2.03	.42	.25	.58	.79	*	*	1.64	.39	.25	.27	.43	*	1.13	1.727	--	
	MAX	--	--	.92	.93	.95	.95	.96	.97	.99	1.01	.95	.92	.90	.94	--	--	.91	.87	.94	.90	83	--	--	.94	.95	.99	.98	.98	--	--	--	94.0	--
	MIN	--	--	.58	.65	.67	.66	.67	.67	.70	.72	.64	.61	.58	.65	--	--	.62	.61	.64	.66	.60	--	--	.50	.65	.70	.72	.72	--	--	--	64.2	--
HENNEPIN POWER PLANT	EVAP	.28	.35	.30	.15	.17	.33	.23	.31	.42	.28	.13	.14	.17	.30	.26	.28	.33	.32	.28	.19	.36	.36	.40	.40	.21	.35	.40	.34	.50	.31	.34	8.79	--
	WIND	.49	.63	.30	.29	.42	.51	.34	.68	.69	1.15	.81	.39	.34	.57	.37	.35	.33	.32	.44	.49	.44	.48	.47	.42	.31	.45	.20	10	--	--	81.331	--	
	MAX	.90	.87	.91	.95	.92	1.00	.97	.95	.92	.83	.80	.90	.89	.83	.86	.89	.92	.88	.83	.83	.85	.87	.89	91	95	97	96	98	100	100	91.1	--	
	MIN	.59	.69	.67	.72	.71	.72	.75	.69	.71	.56	.64	.56	.61	.63	.59	.61	.61	.68	.66	.69	53	50	58	55	64	70	70	70	72	73	73	64.8	--
JULY 1963																																		
CARLYLE RESERVOIR	EVAP	.31	.30	.32	*	.56	*	*	.62	.30	.31	.31	.30	*	*	.90	.45	.25	.30	.23	*	*	.86	.31	.29	.30	.30	*	*	.78	.23	.29	8.82	--
	WIND	.57	.68	.69	*	1.24	*	*	1.74	.76	.74	.35	.36	*	*	2.24	.75	.62	.69	.61	*	*	2.13	.39	.37	.51	.41	*	*	2.62	.26	.34	1.907	--
	MAX	.99	.92	.96	--	.93	--	--	.90	.																								





REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, 61824 or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Monthly Extreme" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.
  - No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
  - Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
  - No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.
  - + And also on an earlier date or dates.
  - ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
  - \* Amount included in following measurement, time distribution unknown.
  - # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
  - W Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate, but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.







U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS

ANNUAL SUMMARY 1963

Volume 68      No. 13



# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ILLINOIS  
1963

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual			
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure		
<b>NORTHWEST 01</b>																												
ALEDO	12.9	-11.8	20.9	- 6.8	42.4	4.9	54.1	2.8	61.0	- 1.2	74.7	2.8	75.3	- 0.4	72.3	- 1.9	66.2	- 0.1	65.3	9.5	43.2	3.5	15.0M	-13.6	50.3	- 1.0		
OXFORD	11.1	-12.9	16.7	- 7.9	41.2	5.0	53.2	3.2	60.2	- 0.9	72.9	2.2	75.0	0.1	71.4	- 2.0	64.9	- 0.5	63.6	9.4	43.8	4.7	14.2	-13.3	49.2	- 1.1		
FREEPORT	8.6	-12.7	16.7	- 7.3	38.9	5.1	51.4	3.2	58.6	- 0.8	71.0	1.8	73.1	- 0.2	69.6	- 1.8	63.0	- 0.2	61.7	9.2	42.5	5.5	12.8	-12.5	47.3	- 0.9		
FULTON OAM 13	11.2	-12.4	18.0	- 7.7	41.7	4.5	52.9	3.0	60.2	- 1.1	73.5	1.9	74.6	- 1.4	70.7	- 3.2	65.4	- 0.8	63.9	8.6	44.1	4.4	15.4	-13.2	49.7	- 1.4		
GALVA	12.5	-12.4	19.9	- 7.7	41.7	4.5	54.0	3.0	60.7	- 1.1	73.5	1.9	74.6	- 1.4	70.7	- 3.2	65.4	- 0.8	64.0	8.6	44.1	4.4	15.4	-13.2	49.7	- 1.4		
GENESE	12.3	-19.5	19.5	- 41.9	42.3	54.4	61.3	73.8	75.2	72.3	66.1	64.6	44.3	15.6	50.1													
HENNEPIN POWER PLANT	12.9	20.0	42.3	54.5	60.5	72.2	73.9	71.0	65.8	63.4	44.9	16.2	49.8															
KEWANEE	12.7	20.3	42.2	55.2	61.1	71.6	76.0	72.3	67.0	64.7	46.7	16.3	50.6															
MOLINE WB AIRPORT	9.7	-13.4	17.9	- 8.3	41.1	5.2	52.9	2.9	60.0	- 1.2	73.5	2.1	74.8	- 0.8	70.8	- 2.8	64.9	- 0.4	64.4	10.1	43.1	4.4	13.8	-13.6	46.9	- 1.3		
MORRISON	11.0	-12.7	18.7	- 8.1	40.7	4.4	53.7	3.4	59.7	- 1.4	72.6	1.6	73.8	- 1.6	70.9	- 2.7	64.8	- 0.7	63.7	9.2	40.0	5.0	14.7	-12.9	49.0	- 1.4		
MOUNT CARROLL	9.6	-13.0	18.1	- 7.1	40.0	5.0	52.3	3.2	59.4	- 0.6	71.6	1.7	73.2	- 0.7	69.4	- 2.7	63.9	- 0.1	62.2	9.2	42.7	4.9	13.9	-12.5	48.0	- 1.1		
PAW PAW	10.1	-15.8	18.8	- 37.9	37.9	50.8	56.6	70.6	72.5	69.5	62.7	60.8	42.3															
ROCHELLE 1 W	8.9	-15.4	18.8	- 37.7	37.7	51.7	57.3	70.4	72.5	69.3	63.0	61.2	41.4															
ROCKFORD WB AIRPORT	9.3	-12.7	16.3	- 8.1	38.4	4.4	50.7	2.9	57.6	- 1.5	71.1	1.4	73.8	- 0.4	69.8	- 2.7	64.0	0.2	62.0	9.5	43.2	6.1	13.2	-12.4	47.4	- 1.2		
STOCKTON	8.8	-16.9	18.1	- 38.1	38.1	51.7	59.1	71.9	73.8	70.0	63.5	61.6	41.4															
TISKIWA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WALNUT	11.0	-13.8	17.7M	- 9.6	41.5	4.7	52.6	2.0	60.3	- 1.7	72.8M	0.6	74.2M	- 2.3	71.7M	- 2.7	65.7	- 0.4	63.9	8.9	43.9	4.3	13.3M	-15.0	49.1	- 2.0		
<b>DIVISION</b>																												
12.6	-12.8	18.1	- 8.3	40.3	4.5	52.9	3.0	59.5	- 1.4	72.5	2.0	74.1	- 0.9	70.7	- 2.4	64.8	- 0.3	63.2	9.0	43.9	4.6	14.2	-13.1	48.7	- 1.3			
<b>NORTHEAST 02</b>																												
ANTIOCH	11.1	-19.4	19.4	- 37.8	37.8	50.3	56.5	71.0	74.1	69.4	63.2	61.2	43.8															
AURORA COLLEGE	11.1	-13.2	16.5	- 9.8	40.2	4.7	51.4	2.8	58.1	- 1.1	71.0	1.8	73.0	- 0.7	69.4	- 3.0	64.4	0.1	62.2	8.9	43.9	5.5	15.0	-12.3	47.8	- 1.4		
BARRINGTON 1 NW	11.5	-18.0	18.0	- 39.2M	39.2M	51.2	57.2	70.2	72.8	68.4	62.8	61.6	43.6															
CHICAGO O HARE AIRPORT	11.5	-16.9	16.9	- 34.3	34.3	56.3	62.3	75.0	72.1	68.5	62.5	60.5	41.9															
CHICAGO UNIVERSITY	14.9	-12.2	20.4	- 8.1	41.0	4.7	51.3	3.2	57.3	- 1.1	70.7	1.9	73.8	- 0.6	70.3	- 3.1	65.7	- 0.5	64.5	8.8	45.7	4.9	19.5	-10.7	49.6	- 1.0		
CHICAGO WB AIRPORT	13.3	-12.8	19.2	- 8.7	41.5	5.2	52.4	3.3	58.7	- 1.4	73.4	2.7	75.0	- 0.7	72.6	- 1.8	67.6	1.2	64.3	8.9	45.4	5.4	17.9	-11.3	50.1	- 0.8		
CICAGO WB CITY	15.8	-12.1	21.8	- 8.1	41.6	4.6	51.1	2.4	58.0	- 1.3	72.1	2.2	74.3	- 1.2	71.8	- 3.9	66.3	- 0.9	64.8	8.2	46.9	5.4	21.3	- 9.8	50.4	- 1.2		
JOLIET	13.3	-19.0	19.0	- 42.4	42.4	54.5	59.7	72.6	75.0	71.4	66.0	64.3	46.1															
LA SALLE PERCY	13.6	-12.9	19.8	- 8.1	42.8	4.6	54.7	3.1	61.2	- 1.4	74.0	1.2	72.8	- 0.8	68.5	- 63.3	60.7	42.6	13.6									
MARENGO	8.7	-16.0	16.0	- 37.1	37.1	49.4	56.9	70.7	72.8	68.5	63.3	60.7	42.6															
MORRIS 5 N	11.7	-14.2	16.6	- 11.0	40.8	3.5	52.3	2.0	59.0	- 2.2	71.5	0.6	72.8	- 2.2	69.2	- 4.0	64.2	- 1.7	62.5	7.6	44.2	4.1	15.3	-13.4	48.4	- 2.5		
OTTAWA	13.6	-12.8	19.8	- 8.8	42.4	4.5	54.7	3.5	60.9M	- 1.0	73.6	1.7	75.2	- 0.9	72.1	- 2.4	67.3	0.8	65.5	10.0	46.2	5.6	17.5	-12.0	50.8	- 0.9		
PARK FOREST	12.4	-17.4	17.4	- 40.7	40.7	51.6	57.6	71.5	72.9	69.3	63.5	61.4	44.1M															
PERU SEWAGE PLANT	13.6	-12.9	19.8	- 8.1	42.8	4.6	54.7	3.1	61.2	- 1.4	74.0	1.2	72.8	- 0.8	68.5	- 63.3	60.7	42.6	13.6									
SYCAMORE	8.7	-16.0	16.0	- 37.1	37.1	49.4	56.9	70.7	72.8	68.5	63.3	60.7	42.6															
MORRIS 5 N	11.7	-14.2	16.6	- 11.0	40.8	3.5	52.3	2.0	59.0	- 2.2	71.5	0.6	72.8	- 2.2	69.2	- 4.0	64.2	- 1.7	62.5	7.6	44.2	4.1	15.3	-13.4	48.4	- 2.5		
OTTAWA	13.6	-12.8	19.8	- 8.8	42.4	4.5	54.7	3.5	60.9M	- 1.0	73.6	1.7	75.2	- 0.9	72.1	- 2.4	67.3	0.8	65.5	10.0	46.2	5.6	17.5	-12.0	50.8	- 0.9		
PARK FOREST	12.4	-17.4	17.4	- 40.7	40.7	51.6	57.6	71.5	72.9	69.3	63.5	61.4	44.1M															
PERU SEWAGE PLANT	13.6	-12.9	19.8	- 8.1	42.8	4.6	54.7	3.1	61.2	- 1.4	74.0	1.2	72.8	- 0.8	68.5	- 63.3	60.7	42.6	13.6									
SYCAMORE	8.7	-16.0	16.0	- 37.1	37.1	49.4	56.9	70.7	72.8	68.5	63.3	60.7	42.6															
WAUKEGAN 2 WNW	11.4	-12.9	18.5	- 7.5	37.9	3.6	49.2	2.9	55.7	- 1.0	69.1	1.9	72.5	0.0	69.1	- 2.5	63.7	- 0.6	61.7	8.3	43.2	5.6	17.0	-10.7	47.5	- 1.1		
WHEATON COLLEGE	11.7	-17.9	17.9	- 40.0	40.0	52.5	58.7	72.9M	73.5	69.0	63.7	62.5	43.4															
<b>DIVISION</b>																												
12.0	-13.0	18.2	- 9.1	40.3	4.3	51.8	2.7	58.2	- 1.6	71.5	1.6	73.5	- 1.1	69.8	- 3.3	64.8	- 0.5	62.9	8.5	44.3	4.9	16.3	-11.9	48.6	- 1.6			
<b>WEST 03</b>																												
GALESBURG	12.4	-19.9	19.9	- 41.9	41.9	53.6	60.8	74.2	75.0	71.3	65.8	64.6	43.4															
GOLDEN 1 NW	16.6	-24.1	24.1	- 51.1	51.1	57.2	61.6	75.4	75.9	72.3	67.7	64.8	45.3															
LA MARPE	14.8M	-11.5	22.8	- 6.6	43.3M	4.4	54.5	3.4	62.1	- 0.6	75.5	3.0	75.9	- 0.7	72.0	- 2.8	67.3	0.2	66.0M	9.6	44.6	3.7	16.9M	-13.1	51.4	- 0.9		
MONMOUTH	13.7	-11.5	21.7	- 6.6	42.6	4.7	54.9	3.6	61.5	- 0.5	73.6	1.8	74.5	- 1.5	71.3	- 2.9	66.6	0.2	64.7	9.1	43.7	3.8	16.6	-12.4	50.4	- 1.1		
QUINCY	17.5	-11.4	26.3	- 6.1	47.6	6.0	58.2	3.7	64.1	- 1.1	78.4	3.3	78.8	- 0.8	75.8	- 2.0	69.6	- 0.1	68.9	10.9	47.2	4.2	21.2	-11.3	54.4	- 0.5		
QUINCY FAA AIRPORT	15.9	-23.4	23.4	- 44.8	44.8	56.4	62.8	76.0	77.2	73.6	68.4	64.9	45.0															
RUSHVILLE	15.5	-12.5	23.7M	- 7.4	46.7	6.8	57.7	4.8	62.6	- 0.9	75.5	2.2	75.3	- 2.2	73.1	- 2.5	69.0	1.1	68.9	45.7	4.1	18.0	-13.0	-				
<b>DIVISION</b>																												
15.2	-11.7	23.0	- 7.4	46.6	5.5	56.2	3.7	62.2	- 0.9	75.5	2.5	76.1	- 1.1	72.8	- 2.6	67.8	0.3	66.3	9.7	45.0	3.9	17.8	-12.5	51.9	- 0.9			
<b>CENTRAL 04</b>																												
BLOOMINGTON NORMAL	16.3	-11.3	22.1	- 8.1	44.1	5.0	56.4	4.2	62.2	- 0.7	75.2	2.4	75.5	- 1.2	71.7	- 3.3	67.4	- 0.2	66.3	9.6	46.2	5.0	18.3	-12.2	51.8	- 0.9		
CENOA	14.2	-20.5M	20.5M	- 43.3M	43.3M	53.9M	59.7	72.6M	74.2	69.7M	65.0M	63.2M	44.3M															
DECATUR	18.2	-11.6	23.4	- 9.0	45.6	4.7	57.8	4.4	62.5	- 1.4	74.3	0.7	75.7	- 1.8	72.1	- 3.8	68.5	- 0.2	66.5	8.8	46.4	3.9	20.2	-12.2	52.6	- 1.5		
FARMER CITY	15.6	-20.5	20.5	- 43.0	43.0	53.6M	61.4M	72.9M	73.9M	69.0M	66.1M	64.3M	45.3M															
HAVANA	16.6	-11.1	22.8	- 8.0	45.3	5.3	56.9	3.8	62.7	- 1.0	75.8	2.3	76.8	- 0.5	73.2													



## AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
PARIS WATERWORKS	20.0	-10.3	23.1M	- 9.6	45.9	5.1	56.6	3.5	62.0	- 1.6	73.3	0.0	74.5	- 2.6	71.0	- 4.5	67.1	- 1.2	64.4	7.1	46.4	4.1	20.0	-12.4	52.0	- 1.9
SALEM	23.4		28.0		46.1		58.5		63.6		75.5		76.1		74.8		69.9		65.8		47.8		23.0		54.6	
TUSCOLA	18.7		22.3M		45.5		56.7M		62.5		73.5M		74.8		71.1		67.6		64.3		46.2		19.1		51.9	
VANDALIA FAA AIRPORT	19.9		24.9		46.2		55.4		62.2		73.9		74.6		72.0		66.7		63.6		44.7		19.3		52.0	
#INSOR	18.8	-11.4	23.4	- 9.4	45.6	4.7	56.2	3.1	61.7M	- 1.8	73.5M	0.2	74.8M	- 2.1	70.9M	- 4.3	66.4M	- 1.7	63.4	6.5	45.4	3.1	19.3	-13.2	51.6	- 2.2
DIVISION	21.3	-10.3	25.5	- 8.8	46.7	4.5	57.4	3.1	62.8	- 1.4	74.1	0.2	75.0	- 2.5	72.3	- 3.5	67.9	- 0.8	64.4	6.5	46.7	3.5	20.9	-12.5	52.7	- 1.9
SOUTHWEST 08																										
ANNA 1 E	27.1	- 8.4	31.8	- 6.6	51.8	5.7	60.3	3.0	65.8M	- 0.5	75.9	0.7	76.8	- 1.8	75.7	- 1.8	70.1	- 0.6	67.0	6.8	48.9	2.5	25.5	-12.8	56.4	- 1.1
BELLEVILLE SCOTT AF BS	21.5		27.4		47.9		56.7		62.9		74.6		76.1		73.9		68.0		65.6		45.8		22.4		53.6	
CAIRO WB CITY	28.2	- 9.2	32.9	- 7.9	53.9	5.7	62.3	2.9	69.0	0.0	78.7	0.8	80.2	- 0.9	78.5	- 1.8	72.0	- 0.5	69.0	7.1	51.3	3.4	29.6	- 9.5	58.8	- 0.8
CARBONALE SEWAGE PLT	M		30.6M	- 7.8	M		60.1	2.8	65.5	- 0.9	75.7	0.1	77.2	- 1.7	76.1	- 1.7	69.5	- 1.0	65.7M	6.1	48.7M	2.7	26.7	-11.5	-	
CARLYLE	22.9		28.3M		47.9M		58.2M		64.8M		75.3M		75.1		75.1		69.9		66.5M		47.1M		23.5		-	
CARLYLE RESERVOIR	20.9		26.7		46.8		57.6		62.4		74.9		76.1		74.5		68.9		66.6		47.1		23.5		53.7	
COBLEN 2 S	25.6	- 9.2	31.6	- 6.1	50.6	5.0	59.8	2.8	64.9	- 1.6	75.5	- 0.1	76.1	- 2.9	74.7	- 3.1	69.1	- 1.5	66.1	6.2	49.3	3.5	25.8M	-11.3	55.8	- 1.5
EAST ST LOUIS PARKS CO	19.7M		28.7M		50.1M		60.9M		-		-		77.4		M		71.2		68.2		48.8M		24.4M		-	
MAKANDA 1 NW	26.9		31.6M		51.5M		59.9		65.2M		75.9M		76.8		76.0		70.7		68.8		49.7		26.2M		56.6	
NASHVILLE 3 NW	4.0		29.7		49.1M		58.0		64.0		75.4M		75.8		74.9		69.6		66.0		48.3M		M		-	
NEW BURNSIDE	27.1	- 8.3	31.4	- 6.8	52.3	6.3	60.2	3.1	65.2	- 0.7	75.0	0.2	76.4	- 1.7	75.9	- 1.4	69.3	- 1.0	66.6	6.9	49.3	3.2	26.2	-11.2	56.3	- 0.9
SPARTA	25.0	- 9.7	31.8	- 6.0	51.4	5.6	59.9	2.4	65.3M	- 1.2	76.5	0.6	77.9	- 1.7	76.3	- 2.2	71.4	- 0.1	68.3	7.5	49.4	3.2	26.0	-11.1	56.6	- 1.1
WATERLOO	24.6		31.3		51.7		60.7		65.5		77.1		77.7		77.1		71.3		70.5		49.2		25.9		56.9	
DIVISION	25.3	- 9.6	30.6	- 7.6	50.8	5.2	59.8	2.5	65.2	- 1.2	75.9	0.2	76.9	- 2.1	75.6	- 2.2	69.9	- 0.7	67.2	7.3	48.7	2.8	25.4	-11.7	55.9	- 1.5
SOUTHEAST 09																										
ALBION	25.7		30.1		49.8		60.1		65.2		76.6		77.0		76.1		71.5		67.4		49.8		24.9		56.2	
BROOKPORT DAM 52	27.9		31.9		50.3M		59.2		65.0		75.4		77.6		75.3		69.4		66.7M		49.8		27.5		56.3	
ELIZABETHTOWN	26.4		30.8		51.6		59.6		64.4		74.2		75.5		74.4		68.3		64.5		47.8		26.5		55.4	
FAIRFIELD RADIO #FW	25.0	- 9.3	29.2	- 7.8	48.6	3.8	58.9	2.6	63.7	- 2.0	74.8	- 0.4	75.2	- 3.5	73.8	- 7.9	68.8	- 1.5	65.8	6.3	48.0	2.5	24.1	-12.3	56.7	- 2.1
HARRISBURG	28.2	- 8.2	31.9	- 7.1	52.3	5.5	61.2	3.4	65.9	- 1.2	76.1	0.1	77.2	- 2.8	76.7	- 1.5	69.7	- 1.3	65.6	5.4	49.6	2.7	27.1	-11.1	56.8	- 1.3
MC LEANSBORO	25.8	- 9.3	30.3	- 7.5	50.6	4.9	59.9	2.7	64.7	- 1.7	76.5	0.9	76.8	- 2.3	76.3	- 1.7	70.4	- 0.6	65.9	5.8	48.7	2.6	25.6	-11.5	55.9	- 1.5
MOUNT CARNEL	28.3M		26.8M		47.1		57.2		62.1		74.6		74.9		75.2M		68.1		63.8		47.3		24.1		55.1	
MOUNT VERNON	24.5	- 8.9	29.5	- 6.8	49.4	5.1	59.1	3.0	64.2	- 1.6	75.7	0.4	76.4	- 2.4	75.5	- 2.3	70.3	- 0.2	66.3	7.3	48.8	4.0	24.7	-11.0	55.4	- 1.1
DIVISION	26.5	- 8.5	30.1	- 7.8	50.0	4.3	59.4	2.4	64.4	- 1.8	75.5	- 0.1	76.3	- 2.8	75.6	- 2.2	69.6	- 1.1	65.5	5.8	48.7	2.9	25.6	-11.3	55.6	- 1.7

A Special Weather Summary describing unusual weather in 1963 was included each month except: May, August, and November issues of this publication.

## SOIL TEMPERATURES

Station and Depth	January		February		March		April		May		June		July		August		September		October		November		December		Annual			
	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes		
URBANA																												
4 INCHES	31.1	37/28	29.5	31/26	39.1	56/30	55.2	64/68	63.3	74/51	74.5	84/65	78.1	87/68	74.5	85/65	70.4	77/60	64.7	71/52	49.1	56/41	35.3	43/31	55.4	87/26		
8 INCHES	32.7	37/30	30.6	31/29	38.4	51/31	53.7	58/49	61.8	67/54	72.7	78/66	76.9	81/71	74.2	80/68	70.3	74/67	64.7	68/54	50.4	55/44	37.1	45/33	55.3	81/29		

MONTHLY AVERAGES ARE AVERAGES OF DAILY MAX AND MIN VALUES. EXTREMES ARE FROM ONCE DAILY OBSERVATIONS. TIME OF OBSERVATION 7 A.M. PALMER DIAL-TYPE THERMOMETER. SOIL TYPE: FLANAGAN SILT LOAM UNDER BLUEGRASS SOO. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ILLINOIS  
1963

Table 2

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	
<b>NORTHWEST 01</b>																											
ALEDO	1.19	-.42	1.16	-.22	3.09	+.44	3.83	+.33	1.83	-2.31	-.07	-4.78	4.32	+.52	3.63	+.70	1.37	-1.86	-.82	-1.86	2.36	+.38	-.64	-1.14	24.31	-10.22	
OILION	-.69	-1.05	-.51	-.87	2.78	+.49	3.69	+.73	2.22	-1.41	3.08	-1.31	6.01	2.57	2.37	-1.28	2.12	-1.17	-.77	1.94	1.66	+.69	1.01	-.85	26.87	-6.78	
FREEPORT	+.52	+.78	+.82	+.71	2.82	+.71	3.22	+.73	2.13	-2.56	3.02	-1.53	3.17	+.45	2.37	-1.44	3.19	-.19	-.23	-2.02	1.48	+.93	-.98	22.54	-11.36		
FREEPORT SEWAGE PLANT	+.72		+.43		2.74		2.47		1.07		2.78		3.07		2.48		3.19		+.41		1.56		+.80		21.52		
FULTON OAM 13	+.52		+.54		2.83		2.39		1.97		2.78		8.21		2.91		2.71		+.26		2.27		+.97		28.60		
GALENA	1.38	-.23	1.17	-.91	2.32	+.29	2.16	-.57	1.36	-2.50	2.39	-2.10	4.41	+.82	2.34	-1.77	2.47	-.73	-.60	-1.81	3.81	1.57	-.55	-1.15	23.96	-9.09	
GALVA	1.05	-.60	1.66	+.86	3.68	+.93	5.24	1.85	1.93	-2.19	3.61	-4.16	5.28	1.89	2.88	-.33	1.94	-1.07	1.47	-1.38	1.65	+.43	1.29	+.37	27.21	-6.72	
GENESEO	1.07	-.95	1.38	-1.01	2.94	+.53	4.07	+.92	2.12	-1.84	1.30	-3.22	5.43	2.22	3.18	-.83	1.45	-1.73	-.63	-1.99	1.52	+.54	1.05	-.52	25.14	-8.56	
HENNERIN ROWER PLANT	1.66		+.45		4.74		3.36		1.99		1.87		4.83		2.63		1.16		1.11		+.80		+.70		24.28		
ILLINOIS CITY OAM 16 //	1.10		+.49		2.95		4.45		1.95		1.75		5.12		3.58		1.41		1.11		2.97		+.77		27.20		
KEITHSBURG 1 NW	1.02	-.39	1.22	-1.02	2.53	+.33	3.94	1.03	2.81	-.69	1.14	-3.92	5.22	1.88	2.67	+.03	1.53	-1.44	-.85	-1.28	1.93	-.14	-.71	-.64	23.07	-6.25	
KEWANEE	+.83		1.17		3.53		5.05		1.32		+.61		5.31		2.62		1.53		1.81		2.04		+.99		25.61		
HOLINE WB AIRPORT	+.91	-1.09	1.37	-.98	3.29	+.90	4.24	1.07	2.36	-1.44	1.02	-3.35	8.78	5.52	6.02	+.49	2.38	-.87	-.63	-1.83	1.86	+.11	-.94	-.71	30.78	-2.01	
MORRISON	1.70	-1.07	1.71	-.73	4.25	1.90	4.69	1.63	2.41	1.17	3.29	5.31	1.87	1.41	-2.58	1.55	-1.91	1.27	-2.27	2.00	+.23	1.10	-7.0	23.97	-10.75		
MOUNT CARROLL	+.81	-1.00	+.41	-.93	2.68	+.45	2.86	-.15	1.90	-2.13	2.18	-2.64	6.04	2.34	2.18	-1.46	2.56	-.82	-.25	-2.20	2.17	-.29	1.01	-.88	25.05	-9.71	
NEW BOSTON OAM 17	+.99		+.43		2.87		3.52		2.66		+.36		4.31		1.87		1.51		+.69		2.62		+.65		22.48		
RAW RAY	+.81	-1.02	1.06	-.66	3.25	+.77	4.96	1.68	2.97	-1.02	3.51	-.92	4.50	1.10	1.75	-1.85	1.89	-1.28	1.03	-1.97	1.81	+.42	1.00	-.85	28.34	-6.44	
ROCHELLE 1 W	+.65	-.96	+.43	-.82	1.90	-.30	4.29	1.25	2.46	-1.08	2.90	-1.33	4.92	1.56	1.80	-1.83	2.67	-.39	-.76	-1.84	1.93	+.11	1.13	-.53	25.77	-6.38	
ROCKFORD & ENE	+.63		+.33		1.72		4.12		1.50		5.00		4.38		3.50		2.60		1.63		1.63		+.75		26.63		
ROCKFORD WB AIRPORT //R	1.00	-1.38	1.38	-1.06	2.96	+.48	5.51	2.46	1.89	-1.94	4.27	-.03	5.16	1.02	1.84	-2.30	3.95	+.64	1.04	-1.66	2.34	-.03	-.79	-.91	30.71	-6.91	
STOCKTON	+.83		+.34		2.33		1.81		1.70		2.76		5.38		2.90		3.26		2.08		3.14		+.71		25.44		
TISKILWA	1.24	-1.54	1.02	-1.54	4.51	1.95	5.09	1.65	2.26	-1.88	1.61	-2.43	5.28	1.91	3.03	-.50	1.51	-1.32	2.13	-.66	1.58	+.37	-.58	-1.14	27.84	-5.89	
WALTON	E .67	E .54	E .79	-.63	2.69	+.38	4.06	+.75	2.07	-2.07	1.75	-2.53	4.58	1.39	6.38	+.54	1.93	-1.59	1.05	-1.66	2.00	+.00	1.05	-.58	E 27.02	7.09	
<b>OIVISION</b>																											
	+.83	-.91	+.54	-.61	2.89	+.61	4.04	+.84	1.97	-1.90	2.01	-2.53	5.52	1.81	2.69	-.96	2.23	-.98	-.77	-1.83	1.94	-.21	-.94	-.81	26.47	-7.48	
<b>NORTHEAST 02</b>																											
ANTIOCH	+.66		+.50		3.17		3.97		1.93		2.80		4.44		3.07		4.24		+.33		1.53		+.59		27.23		
AURORA COLLEGE	+.85	1.11	1.70	+.47	3.91	1.17	4.40	2.12	2.85	-.89	3.21	-1.07	4.03	4.45	3.12	2.81	2.69	-.34	-.66	-2.21	1.66	+.30	1.06	-1.33	31.10	-3.79	
BARRINGTON 1 NW	+.83		+.71		3.37		2.99		2.00		2.30		3.09		1.42		1.04		+.73		1.72		+.61		21.03		
CHAMMANN ORESOEN 15L	+.84		+.36		2.26		4.88		1.92		2.52		4.09		2.73		2.88		+.28		2.00		+.73		25.27		
CHICAGO O'HARE AIRPORT	1.06	-.74	1.50	-1.08	2.37	-.32	4.05	+.97	2.65	-1.22	2.09	-1.70	6.27	3.18	2.33	-.86	2.83	-.06	-.89	-1.82	1.19	-.89	-.81	-.99	27.04	-5.41	
CHICAGO WB AIRPORT //R	1.01	-.85	1.54	-1.06	2.44	-.30	4.79	1.75	2.17	-1.56	2.39	-1.68	7.31	3.94	2.15	-1.01	2.63	-.10	-.62	-2.16	1.21	-.99	-.76	-1.14	28.02	-5.16	
CHICAGO WB CITY	+.93	-.99	1.59	-1.08	2.47	-.33	5.42	2.36	2.37	-1.41	3.82	-1.18	5.74	2.50	2.17	-1.26	1.94	-.78	-.39	-2.51	1.23	-.96	-.85	-1.06	27.79	-5.70	
ELGIN	+.87	-1.03	1.69	-.83	3.25	+.65	4.15	+.96	2.68	-1.23	2.46	-1.31	5.56	2.17	2.26	-1.13	2.31	-.71	-.77	-1.93	1.69	+.54	-.82	-1.09	29.78	-7.30	
JOLIET BRANDON RO OAM	+.86		1.62		2.70		3.11		2.43		3.82		3.48		1.97		1.34		1.39		1.37		+.65		21.38		
JOLIET	+.76		1.45		E 2.88		3.12		2.35		2.71		5.44		+.93		2.00		+.73		1.28		1.09		E 24.74		
LA SALLE RERU	1.17	-.64	1.57	-.69	3.12	1.08	3.36	2.20	2.36	-1.67	1.88	-1.81	5.01	1.49	2.16	-1.36	1.76	-.34	-.66	-2.21	1.66	+.30	1.06	-1.33	31.10	-3.79	
LA SALLE 1 S	+.91		+.53		2.56		3.13		1.73		1.04		4.05		3.06		1.29		+.40		1.07		+.67		20.44		
HARENGO	+.43		+.63		3.18		4.22		2.19		2.27		4.70		3.60		3.22		1.04		1.88		E 1.12		E 29.18		
HARSELLES LOCK	1.14		+.61		3.11		3.52		3.01		3.57		3.96		2.06		1.98		1.86		1.86		+.77		26.46		
MORRIS	+.49		+.57		3.12		3.18		2.61		2.22		2.66		2.28		1.21		+.71		1.36		+.76		21.17		
MORRIS 5 N	+.56	-.96	1.03	-.57	3.23	+.95	3.21	+.34	2.60	-1.35	2.17	-1.32	3.46	+.44	1.58	-1.48	1.06	-1.74	-.85	-1.65	1.75	-.27	-.57	-1.07	21.63	-9.36	
NEWARK 8 E	E .88		1.38		2.93		4.53		2.69		3.12		4.78		+.93		1.74		+.20		1.80		E .66		E 23.64		
OTTAWA	1.23	-.57	1.67	-.90	3.24	1.22	2.93	+.80	2.43	-1.04	2.70	-1.04	5.99	2.90	2.06	-1.53	1.90	-1.92	1.64	-2.01	1.64	+.30	1.02	-1.02	28.14	-8.42	
RARE FOREST	1.19		+.84		3.74		3.25		2.54		2.49		6.90		2.02		1.48		1.45		1.61		+.73		28.24		
REOTONE	+.55		+.89		3.48		2.87		2.50		1.62		4.47		1.53		1.84		1.74		1.74		+.76		22.43		
RERU SEWAGE PLANT	E .54		E .87		E 4.26		3.94		4.11		1.16		5.87		3.05		1.74		1.26		1.05	+.83	1.69	1.04	E .29		
STREATOR 3 N	+.72	-1.12	1.03	-.42	2.93	+.50	5.17	2.25	2.57	-1.52	5.83	-1.31	6.38	2.61	2.17	-1.70	2.04	-1.26	-.87	-2.02	2.88	+.63	1.40	+.49	33.99	-1.23	
SYCAMORE	1.11		1.95		3.39		3.93		2.16		1.63		5.03		1.70		1.36		+.53		1.63		+.82		24.26		
UTICA STARVED ROCK OAM	+.70	-1.26	1.40	-1.08	2.72	+.34	3.55	+.34	1.60	-2.11	1.62	-2.46	4.56	1.38	2.40	-.90	2.98	+.03	1.99	-1.27	1.96	+.41	1.63	-1.34	24.01	-8.80	
WHEATON COLLEGE	+.72		1.61		2.72																						

# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ILLINOIS  
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Table 2—Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
HOPESTON	.66	1.44	1.28	.80	5.81	2.80	4.05	.45	1.66	2.38	1.68	2.88	4.66	.84	1.81	.98	4.47	2.64	.68	2.53	2.17	.57	.54	1.44	25.47	-11.57
KANKAKEE 3 SW	.64	1.05	.77	1.02	2.21	.20	3.61	.14	2.20	1.96	1.98	2.10	4.94	1.83	1.03	2.40	1.07	1.44	.67	2.05	1.07	.28	.60	1.17	21.53	-11.96
MONTICELLO	.70	.97	.76	.67	7.62		1.90		1.16		1.16		1.16		6.73				1.28				.51		39.74	
PONTIAC	.61	1.12	.85	.82	2.08	.36	4.44	.57	1.22	2.54	.78	3.31	4.94	1.21	3.02	.05	.98	1.86	.31	2.35	1.38	.72	.56	1.34	21.14	-12.69
RANTOLU CHANUTE AF BS		.60	.60		7.50		3.13		.27		2.68		4.80		2.01		.20		1.19				.73		26.68	
ROBERTS 3 N	.55	1.21	.65	1.20	3.55	.80	2.75	1.15	.95	3.04	.94	2.99	3.71	.41	2.90	.21	.40	2.32	.59	2.16	1.47	.62	.54	1.20	19.00	-14.89
SIDELL	.68		.92		4.74		3.73		1.36		2.98		4.48		6.40		.36				2.51		.87		29.61	
URBANA	.95	1.21	.96	1.13	6.84	3.67	2.22	1.32	.90	3.32	2.26	2.28	4.32	.83	3.55	.51	.30	2.74	1.69	1.32	2.02	.63	.88	1.20	26.89	-10.11
URBANA ENG CAMPUS							2.83		.90		2.26		5.04		4.74											
WATSEKA 2 NW	.82	1.17	.84	1.05	4.45	1.52	3.60	.32	1.91	2.63	1.19	2.72	5.90	1.90	2.17	.89	.59	2.14	.55	2.22	2.09	.24	.79	1.15	24.90	-11.11
DIVISION	.72	1.23	.88	1.06	4.92	2.14	3.40	.28	1.47	2.65	1.51	2.72	4.67	1.10	2.54	.59	.57	2.25	.82	2.06	1.94	.46	.68	1.27	24.12	-11.29
WEST SOUTHWEST 06																										
ALTON DAM 26	.57		.12		5.26		3.08		6.52		4.57		2.45		2.74		1.04		1.24				.67		31.31	
BARRY	.50		1.24		4.86		2.23		5.23		.92		4.47		4.37		1.81		1.47		1.80		.79		29.73	
BEARDSTOWN	.60	1.21	.80	.88	2.41	3.42	.65	.51	3.85	.24	4.26	3.09	6.22	2.63	3.24	.29	1.28	1.74	1.48	1.23	3.01	.56	1.13	.72	31.25	-3.73
BLUFFS	.42		.81		4.51		.92		4.00		1.70		6.01		4.82		1.42		1.17		1.81		.65		28.24	
CARLINVILLE	.41	1.76	.13	2.00	6.54	2.39	1.92	2.00	6.13	2.04	1.83	3.10	4.66	1.62	3.21	.12	3.77	.75	1.47	1.50	2.21	.68	.72	1.30	32.10	5.42
EDWARDSVILLE	.49	1.89	.24	2.11	6.83	3.21	1.33	2.86	5.03	.16	3.22	1.47	3.75	.09	2.28	1.23	1.01	2.31	1.45	1.71	3.14	.01	.63	1.53	49.00	-11.82
GRAFTON	.64	1.48	.17	2.03	4.96	1.98	1.94	1.65	4.56	.48	4.01	.05	2.38	.98	4.73	1.51	1.20	1.65	1.06	1.70	2.80	.01	.43	1.60	28.84	7.18
GREENVILLE 1 E	E .62		.14		6.25		1.28		5.81		1.36		4.28		1.52		1.00		1.02		3.32		.83		27.42	
GRIGGSVILLE	E .45		.81		8.15		1.34		4.48		1.79		5.07		4.74		1.81		1.02		2.21		.04		429.48	
MARDIN	.78		.14		6.55		1.88		4.52		3.35		6.27		1.51		1.77		1.35		2.32		1.07		35.18	
MILLSBORO	.61	1.66	.30	2.00	6.93	3.76	1.92	1.91	6.28	2.06	2.10	2.53	4.42	1.02	2.53	.93	2.06	.81	.97	2.12	3.57	.73	.76	1.26	32.45	-5.65
JACKSONVILLE	.49	1.29	.71	.94	4.64	1.89	2.45	1.07	4.62	.36	1.73	2.54	4.19	3.10	4.19	3.19	1.85	1.18	1.89	1.11	2.38	.94	.47	1.19	33.61	1.72
JERSEYVILLE	.52		.55		5.01		1.58		4.80		2.89		4.98		4.30		1.87		1.28		2.12		.77		43.07	
MEDORA	.85		.20		6.33		4.67		4.57		2.86		5.03		3.55		2.55		.81		2.76		.68		32.69	
MORRISONVILLE 4 SE	.47	1.43	.28	1.74	6.10	3.39	1.86	1.59	6.29	2.58	1.52	2.99	5.54	2.57	3.93	.33	1.66	1.13	1.38	1.38	2.36	.19	.64	1.17	32.03	-2.75
MT OLIVE 1 E	E .65																						.83		5.8	
PANA	.72	1.43	.42	1.84	6.62	3.69	2.03	1.56	4.23	.07	2.07	2.47	6.05	3.19	5.25	1.18	1.15	1.84	1.58	1.33	2.53	.22	.93	1.20	33.58	-3.90
PLEASANT HILL	.62		.43		4.67		2.53		4.82		5.08		7.92		5.69		2.79		1.06		1.87		.67		37.95	
ROCKPORT	.53		.58		7.15		1.50		6.95		1.17		6.32		6.73		3.00		3.00		2.90		E .51		42.75	
SPRINGFIELD WB AIRPORT R	.41	1.48	.89	.93	5.05	2.17	2.25	1.34	2.65	1.23	1.30	3.15	6.97	3.48	5.46	2.72	.74	2.19	1.07	1.84	1.51	.88	.59	1.30	28.89	-5.94
TAYLORVILLE	.45		.39		5.62		4.01		3.84		2.93		4.18		7.47		.83		1.48		2.08		.77		34.05	
VIRGEN	.54		.21		6.06		1.69		3.78		1.32		4.60		4.76		1.39		1.43		2.38		.79		29.26	
VIRGINIA													8.38		3.69		2.00		3.20		2.26		.79			
WHITE MALL 1 E	.42	1.26	.16	1.44	6.06	3.40	2.25	1.18	5.50	1.44	3.88	.51	7.20	3.95	3.57	.46	2.25	.56	2.23	.83	1.76	.7	.56	1.21	35.84	1.53
DIVISION	.52	1.49	.38	1.76	5.58	2.60	2.03	1.65	5.03	.94	2.27	2.23	5.33	2.07	4.25	.96	1.78	1.09	1.43	1.52	2.28	.58	.78	1.14	31.66	-4.65
EAST SOUTHEAST 07																										
CENTRALIA 2 NE	.63		.50		E 6.31		1.21		4.74		3.23		4.72		1.47		.35		.66		3.52		.43		E 27.77	
CHARLESTON	.50	1.90	.13	2.00	7.09	3.75	2.32	1.19	2.81	1.64	2.57	2.04	3.98	.59	3.80	.46	.51	2.66	.79	2.11	3.41	.2	.79	1.40	28.70	-9.87
EFFINGHAM	.57	1.87	.45	1.89	7.65	4.17	1.69	1.94	3.79	.49	1.61	3.04	3.73	.11	1.75	1.55	.78	2.33	1.25	1.80	3.49	.11	.89	1.44	27.65	-11.96
FLOREA 2 NW	.36		E .19		7.11		1.60		3.93		6.20		5.63		1.53		.15		.89		3.73		1.32		E 32.84	
GREENUP	.64		.46		7.20		2.28		3.81		1.75		5.27		2.80		.82		.73		3.30		.82		29.97	
HUTSONVILLE POWER PLT	.49		.35		6.62		2.29		4.38		3.77		5.88		2.41		.20		.61		3.00		.96		30.96	
WARRENVILLE 3 SW	1.63		.38		8.98		2.07		5.02		3.29		4.60		4.61		.17		.91		1.17		.61		1.23	
MARSHALL 1 E	.75		.52		8.73		2.51		2.72		6.12		5.39		2.37		.31		.54		3.08		1.07		33.61	
MATTOON	.18		.33		7.57		1.90		2.82		3.85		4.80		3.57		.40		.92		2.58		.72		29.64	
MDWEAQA																	.59		1.43		2.33		.85			
NEWTON	.72		.40		7.57		3.54		5.31		1.43		4.00		1.73		.21		.89		3.46		1.37		30.63	
OLNEY	.88		1.05		8.46		1.60		4.79		4.53		4.00		.61		.03		.72		2.92		1.01		30.60	
PALESTINE	1.08	2.08	E .70	1.72	8.86	6.35	1.66	2.20	3.49	.95	3.25	1.12	3.43	.03	2.10	.94	1.4	3.28	.78	2.15	3.23	.24	1.32	1.61	E 31.00	-9.91
PARIS WATERWORKS	E .22	2.52	E .67	1.55	7.46	4.22	3.42	.01	1.48	2.95	4.78	.19	6.16	1.54	6.79	3.71	.61	2.77	.30	2.40	3.35	.39	1.42	1.07	E 35.27	-3.67
SAINTE MARIE	.51		.47		2.35		4.30		6.40		2.32		4.35		1.97</											



# TEMPERATURE EXTREMES AND FREEZE DATA

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Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates					
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below	
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.								
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.						
NORTHWEST 01																														
ALEGO	101	7-1	-20	12-21+	3-1	10	3-22	20	3-22	20	4-10	28	4-24	30	10-29	32	11-2	25	11-12	24	11-23	18	12-2	2	15	276	246	235	206	188
OIXON	100	7-1	-22	1-28+	3-1	8	3-22	20	3-22	20	4-10	26	5-1	32	10-29	32	11-2	26	11-15	23	11-24	19	12-1	16	275	247	238	206	181	
FREERPT	97	7-1	-24	1-28+	3-9	14	3-22	18	3-22	18	5-1	28	5-23	29	10-28	30	10-30	28	11-2	22	11-24	18	12-1	14	267	247	225	182	158	
FULTON OAM 13	97	7-1	-21	1-28	3-1	7	3-22	20	3-22	22	4-10	28	4-12	32	11-2	30	11-3	27	11-15	24	12-1	19	12-12	10	286	266	238	207	204	
GALVA	99	7-1	-20	1-23	3-1	14	3-9	20	3-22	22	4-10	27	4-24	31	10-29	31	11-2	26	11-23	23	11-24	20	12-1	16	275	260	246	206	188	
GENESEO																														
HENNEPIN POWER PLANT	98	7-1	-26	1-28	3-1	6	3-15	20	3-22	22	4-14	28	5-23	31	10-14	32	11-2	27	11-3	22	11-15	20	12-1	14	275	245	226	202	144	
KEWANEE	99	7-1	-19	1-23	3-1	15	3-9	20	3-22	24	4-10	27	4-10	27	11-2	27	11-2	27	11-23	23	12-1	18	12-12	10	286	267	246	206	206	
MOLINE W8 AIRPORT	99	7-1	-26	1-28	3-1	10	3-22	19	3-22	19	3-22	19	5-1	31	11-2	25	11-2	25	11-14	23	11-30	20	12-1	15	275	253	237	225	185	
MORRISON	99	7-1	-25	1-21+	3-1	4	3-22	20	3-22	20	4-14	28	5-23	31	10-29	32	10-30	28	11-2	24	11-15	18	12-1	10	275	238	225	199	159	
MOUNT CARROLL																														
PAW PAW	96	7-2+	-25	1-28	3-9	14	3-22	18	4-10	24	5-1	28	5-23	29	10-29	32	10-30	28	11-3	22	11-24	18	12-1	15	267	247	207	182	159	
ROCHELLE 1 W	98	7-2	-23	1-23	3-1	9	3-22	20	4-10	23	4-12	28	5-1	31	10-29	28	10-29	28	11-2	23	11-24	20	12-1	15	275	247	206	200	181	
ROCKFORD W8 AIRPORT	98	7-1	-24	1-23+	3-10	10	3-22	20	4-10	22	5-14	27	5-23	30	10-27	31	11-1	25	11-13	23	11-23	20	11-30	15	265	246	217	201	157	
STOCKTON	99	7-1	-22	1-23	3-9	16	3-22	20	3-22	20	4-12	28	5-23	32	10-30	32	11-2	27	11-24	21	12-1	17	12-2	13	268	256	247	204	160	
TISKILWA	99	7-1	-25	1-23	3-10	15	3-22	19	3-22	19	4-10	25	4-24	32	10-29	32	11-2	23	11-2	23	11-23	20	12-1	15	266	246	225	206	188	
WALNUT	99	7-1	-23	1-23	3-1	11	3-22	19	4-10	24	4-12	28	5-1	31	10-29	29	11-2	23	11-2	23	11-24	20	12-1	14	275	247	206	204	181	
NORTHEAST 02																														
ANTIOCH	98	7-1	-22	1-23	3-10	13	3-22	18	4-10	22	5-1	28	5-1	28	11-2	27	11-2	27	11-24	22	12-1	12	12-1	12	266	254	228	185	185	
AURORA COLLEGE	97	7-1	-21	1-28+	3-2	14	3-22	20	4-10	24	4-14	28	5-23	31	10-30	30	11-2	28	11-3	23	11-24	18	12-1	11	274	247	207	202	160	
BARRINGTON 1 NW	97	7-1	-22	1-23	3-9	14	3-22	17	4-10	24	5-1	26	5-23	30	10-13	32	11-2	26	11-24	18	11-24	18	12-1	10	267	247	228	185	143	
CHICAGO O HARE AIRPORT	95	7-1	-19	1-23+	3-2	13	3-22	20	3-22	20	4-14	28	5-23	32	10-13	32	10-29	27	11-2	22	11-24	18	12-1	11	274	247	225	198	143	
CHICAGO UNIVERSITY	98	7-1	-16	1-23	2-27	3	2-28	20	2-28	20	4-4	28	4-10	31	11-2	32	11-24	27	12-1	22	12-3	17	12-12	14	288	278	276	234	206	
CHICAGO W8 AIRPORT																														
CHICAGO W8 CITY	99	7-1	-18	1-23	3-1	16	3-2	19	3-22	23	3-22	23	5-1	32	11-2	30	11-3	28	11-23	23	12-1	20	12-3	15	277	274	247	226	185	
JOLIET	97	6-9	-14	1-23	2-27	5	2-28	20	3-2	24	3-21	28	4-10	32	11-23	31	12-1	24	12-1	24	12-3	19	12-12	16	288	278	247	225	227	
LA SALLE PERU	98	7-1	-19	1-23	3-1	12	3-2	17	3-22	24	4-14	28	5-23	31	11-2	29	11-3	26	11-24	22	12-1	16	12-1	16	275	274	247	203	163	
MARENGO	100	7-1	-22	1-28	3-1	9	3-2	18	4-12	24	5-23	27	5-23	27	10-14	32	10-30	26	11-3	20	11-3	20	12-1	13	267	226	205	160	144	
MORRIS 5 N																														
OTTAWA	98	7-1	-21	1-28	3-2	13	3-2	13	4-10	22	4-14	28	5-1	31	10-14	31	10-30	27	11-3	21	11-15	20	12-1	16	274	258	207	199	166	
PERU FOREST	100	7-1	-21	1-28	3-1	10	3-2	22	3-22	22	3-22	22	5-1	32	10-29	32	11-2	28	11-15	23	12-1	19	12-3	12	277	274	248	225	181	
PERU SEWAGE PLANT	97	7-1	-17	1-23+	3-2	14	3-15	20	3-22	21	4-12	27	5-22	32	11-2	28	11-2	28	11-24	22	12-1	16	12-1	16	274	261	247	204	164	
SYCAMORE	98	7-1	-23	1-23	3-1	3	3-22	18	4-10	23	4-14	28	5-23	31	10-28	31	11-2	28	11-15	23	11-24	18	12-1	13	275	247	219	202	156	
WAUKEGAN 2 WNW																														
WHEATON COLLEGE	94	6-26	-21	1-23	3-9	15	3-22	20	3-23	21	5-1	27	5-1	27	11-2	29	11-3	27	11-24	22	12-1	14	12-1	14	267	254	246	186	185	
WEST 03																														
GALESBURG	98	7-1	-22	12-21	3-1	15	3-22	20	3-22	20	3-22	20	5-1	32	10-29	31	11-2	23	11-2	23	12-1	17	12-3	12	277	254	225	225	181	
GOLDEN 1 NW	100	6-10+	-15	12-22+	3-1	5	3-2	17	3-22	22	4-24	26	5-1	32	10-29	31	11-2	24	11-2	24	12-1	19	12-3	15	277	274	225	192	181	
LA HARPE	101	7-1	-18	1-23	3-1	11	3-9	20	3-22	23	4-24	27	4-24	27	10-29	32	11-2	24	11-2	24	12-1	16	12-1	16	275	267	225	192	188	
MONMOUTH	98	7-1	-19	1-23	3-9	15	3-22	19	3-22	19	5-1	29	5-1	32	10-29	29	11-2	25	11-14	24	11-24	20	12-1	16	267	247	237	225	181	
QUINCY	103	8-2	-13	1-23	3-1	15	3-1	15	3-9	23	3-22	25	4-24	31	11-2	28	11-2	28	12-1	22	12-9	19	12-10	13	284	283	267	225	192	
QUINCY FAA AIRPORT																														
RUSHVILLE	100	8-2	-14	1-21	3-1	10	3-1	10	3-10	22	3-22	25	4-24	29	10-29	31	11-2	25	11-30	23	12-1	3	12-3	16	283	277	265	225	188	
CENTRAL 04																														
BLOOMINGTON NORMAL	97	7-1	-16	1-23	3-1	14	3-10	20	3-22	24	4-10	28	5-1	30	10-29	31	11-2	26	11-24	24	12-1	18	12-13	5	287	266	247	206	185	
CHENOA	97	6-30+	-18	1-28	1-31	8	1-31	8	4-10	24	4-11	28	5-23	32	11-2	26	11-3	26	11-3	23	11-24	20	12-1	16	304	297	207	202	159	
DECATUR	97	7-2	-15	1-23	3-2	16	3-2	16	3-22	21	4-24	28	5-1	30	10-29	31	11-2	26	11-24	21	12-1	17	12-10	15	283	274	247	192	181	
FARMER CITY	98	6-7	-18	2-26+	3-2	4	3-2	4	3-22	23	4-24	27	5-1	30	10-29	32	11-2	23	11-2	23	12-1	13	12-1	13	274	274	225	192	181	
HAVANA	100	6-30	-19	1-28	3-2	15	3-2	15	3-22	22	4-12	28	5-1	32	11-2	27	11-2	27	11-15	23	12-1	17	12-13	6	286	274	238	204	185	
LACON																														
LINCOLN	100	7-1+	-16	2-26+	3-2	12	3-22	20	3-22	20	4-24	28	5-1	30	10-29	30	11-2	25	11-24	22	12-1	17	12-3	14	276	254	247	192	181	







REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, P. O. Box 143, Station "A", Champaign, Illinois 61824, or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured as the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 4

Normals for all stations are climatological normals based on the period 1931-1960. "OEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

Years of Record as shown in the Station Index are approximate since gaps in the records may not have been considered in arriving at the totals shown

Climatological divisions outlined on the maps in this bulletin became effective with data for January 1957.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- No record.
- + Also earlier date (dates) or months.
- \* Amount included in following measurement.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- Gage is equipped with a windshield.
- B Adjusted to a full month.
- C Data for recorder stations denoted by "C" in the Refer to Tables column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder-only stations may be found in the annual issue of "Hourly Precipitation Data".
- E Amount is wholly or partially estimated.
- G In the Refer to Tables column of the Station Index the letter "G" indicates that soil temperatures are published.
- M One or more days' record missing; if average value is entered, less than 10 days' record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".
- T Trace, an amount too small to measure.
- V Includes total for previous months. V is annual column means total is for a two-year period.

Information concerning the history of changes in locations, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, mostly annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, O. C. 20402.

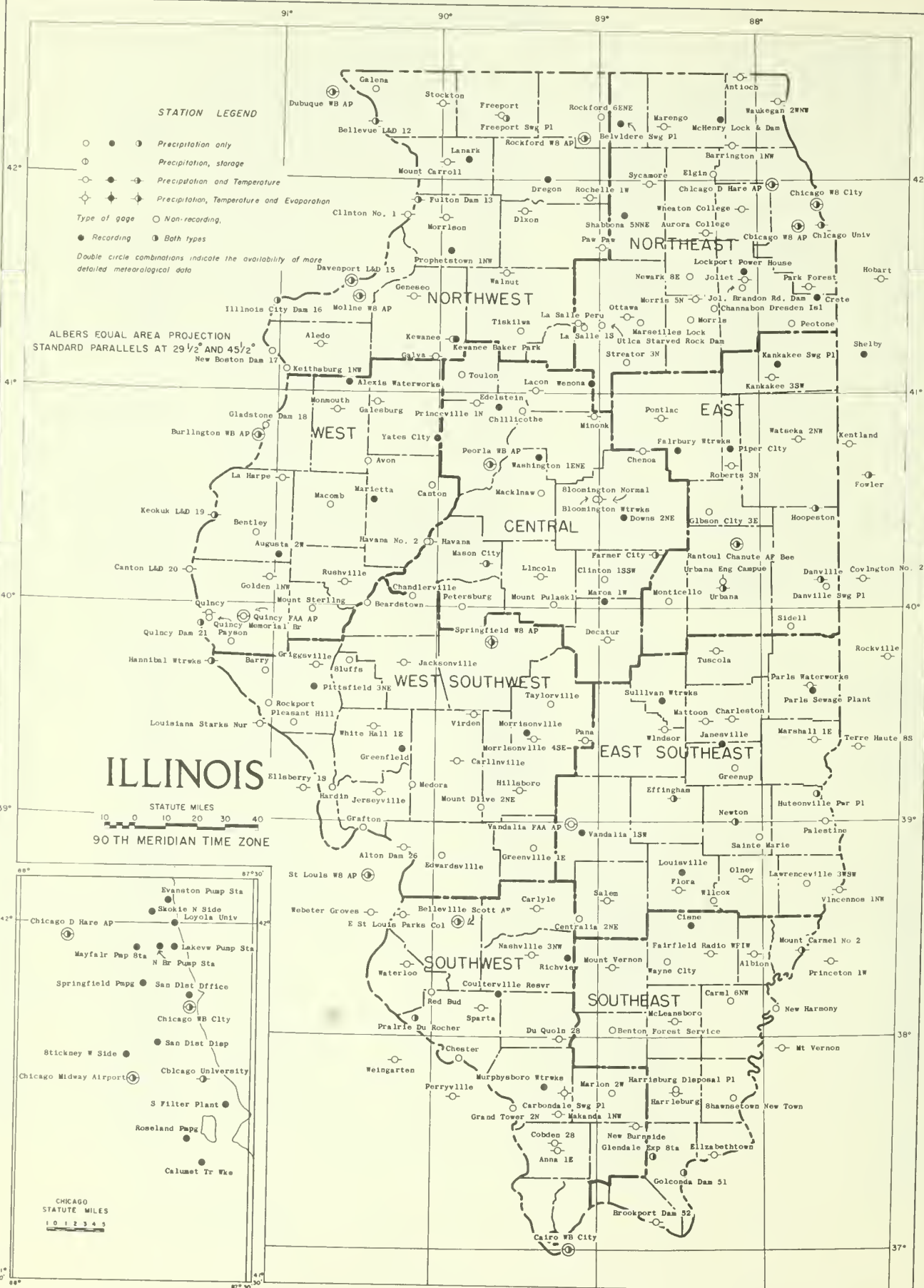
CHANGES IN STATION NAME

NEW NAME	FORMER NAME	DATE - 1963
CHICAGO RACINE PUMP	CHICAGO SAN OIST DISP	March 25
COULTERVILLE 1 SSW	COULTERVILLE RESERVOIR	July 11
FLORA 2 NW	FLORA	March 14
JACKSONVILLE	JACKSONVILLE SEWAGE PLANT	April 7
LOUISVILLE 4 N	LOUISVILLE	April 6
LOUISVILLE	LOUISVILLE 4 N	August 16
MASON CITY	MASON CITY 1 E	July 18
PERU SEWAGE PLANT	LA SALLE PERU	August 8
VIRGINIA	CHANDLERVILLE	June 14
WATERLOO 1 WSW	WATERLOO	November 1

RELOCATION AND CHANGES OF EQUIPMENT

ALEDO	Equipment moved 210 feet SE	July 28
AVON 5 NE	Equipment moved 4.6 miles NE	April 26
BENTLEY 1 NW	Equipment moved 1.0 mile NW	April 24
CLINTON 1 SSW	Rain gage moved 200 feet SE	August 21
CARBONDALE SWG PLT	Evaporation data discontinued	January 24
CARLINVILLE	Standard rain gage moved 12 feet NE	October 8
CHICAGO RACINE PUMP	Equipment moved 1.6 miles SE	March 25
COULTERVILLE 1 SSW	Equipment moved 2.0 miles S	July 11
OANVILLE	Equipment moved 200 feet NE	November, 1961
OIXON	Equipment moved 1.1 miles	March 13
FLORA 2 NW	Equipment moved 2.0 miles W	March 14
GOLDEN 1 NW	Temperature equipment added	October, 1962
GRAFTON	Equipment moved 0.8 mile W	January 1
GREENVILLE 1 E	Standard rain gage moved 100 feet E	October 7
GREENUP	Equipment moved 1500 feet NW	March
JACKSONVILLE	Recording rain gage added	April 7
JANESVILLE	Rain gage moved 30 feet SW	July 13
LOUISVILLE 4 N	Equipment moved 4.0 miles N	April 6
LOUISVILLE	Equipment moved 4.0 miles S	August 16
MARION 2 W	Equipment moved 80 feet ENE	March 25
MASON CITY 1 E	Equipment moved 1.8 miles E	April 28
MASON CITY	Equipment moved 1.7 miles W	July 18
MT OLIVE	Equipment moved 1.0 mile S	October 8
MOUNT VERNON	Equipment moved 225 feet E	May 10
PANA	Rain gage moved 20 feet NNE	June 18
PERU SWG PLANT	Equipment moved 0.6 mile SW	August 8
ROCKPORT	Rain gage moved 125 feet NW	April 19
TISKILVA	Temperature equipment installed	December 4
VIRGINIA	Equipment moved 7 miles S	June 14
WATERLOO 1 WSW	Equipment moved 0.7 mile W	November 1
YATES CITY	Rain gage moved 20 feet SE	June 15



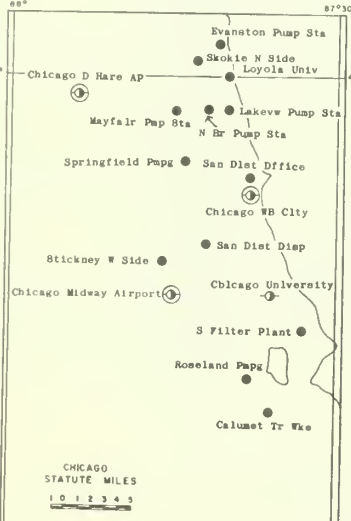


**STATION LEGEND**

- ● ● Precipitation only
- ○ Precipitation, storage
- ● ● Precipitation and Temperature
- ● ● Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording, ● Recording ○ Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
 STANDARD PARALLELS AT 29 1/2° AND 45 1/2°

STATUTE MILES  
 0 10 20 30 40  
 90 TH MERIDIAN TIME ZONE



CHICAGO  
 STATUTE MILES  
 0 1 2 3 4 5





From the same source

U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS

JANUARY 1964  
Volume 69 No. 1



## TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 68° on the 22d at 3 stations

Lowest Temperature: -13° on the 1st at Chicago O Hare Airport

Greatest Total Precipitation: 4.36 inches at Sainte Marie

Least Total Precipitation: 0.09 inch at Galena

Greatest One-Day Precipitation: 1.85 inches on the 25th at Hutsonville Power Plant

Greatest Reported Total Snowfall: 16.3 inches at Virden

Greatest Reported Depth of Snow on Ground: 12 inches on the 17+ at 4 stations

## SPECIAL WEATHER SUMMARY

January precipitation was from 1/2 to 1 inch short over most of Illinois and nearly 2 inches short in the extreme south. With only isolated exceptions, this is the sixth consecutive month during which there has been below normal precipitation.

The crop saving rains of last July marked the last month with generally above normal precipitation. The following six months, August 1963 through January 1964, was thus chosen for comparison during similar periods of past years. The study included 1931 to the present time. It was immediately apparent that dry August-January occurrences had been most severe at 10-year intervals. During the 32 years studied, the statewide driest such period was 1953-54, the present 1963-64 period was the second driest and 1943-44 was third. The 1933-34 period ranked seventh with 1962-63 as fourth.

August-January precipitation was also considerably below normal in 1952-53 and 1962-63, the years immediately preceding the two driest years.

The ranking of these periods was on a statewide basis and individual districts did not always experience their greatest precipitation deficit the same year. However, only in the West climatological district did the driest August-January (1950-51) occur other than in the years mentioned.

The years 1903-04, 1913-14, and 1923-24 were checked, but the 10-year period of occurrence did not show; 1903-04 had near normal precipitation for August-January; 1913-14 was 5 percent below normal and 1923-24

was 15 percent above normal.

Temperatures averaged well above normal in January. For much of northern Illinois it was the warmest January since 1944 and averaged 4° to 6° above normal. Temperatures were generally 2° to 3° above normal elsewhere.

One of the worst blizzards ever to hit central Illinois occurred on the 11th to 13th, with most of the snow falling on the 12th. The northern fourth of the State received only traces or none. The total was 2 to 3 inches in the extreme south but generally 4 to 11 inches elsewhere. Record or near-record 24-hour wind movements on the 12th caused drifts 6 to 8 feet high. Cars were abandoned on both city streets and highways in central Illinois by the evening of the 12th.

Many communities were completely isolated from vehicular traffic as both state and federal highways were closed by drifting snow.

Thunderstorms occurred on the 19th and 24th, some accompanied by hail on both dates but it was generally small. Hail 1" in diameter fell in Champaign County on the 19th.

William L. Denmark  
Weather Bureau State Climatologist  
Station A, Box 143  
Champaign, Illinois 61824













# DAILY TEMPERATURES

ILLINOIS  
JANUARY 1954

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																
ALEDO	MAX 32	48	46	47	45	40	42	38	34	20	31	27	21	23	32	29	37	45	47	45	54	57	49	47	33	32	26	21	41	48	46	38.2
	MIN 3	26	34	26	32	27	23	29	7	1	12	15	7	6	11	19	18	20	32	30	36	41	31	28	13	17	8	0	16	22	31	20.0
DIXON	MAX 28	41	41	40	42	36	38	36	34	20	30	24	25	22	29	31	35	47	47	42	50	57	47	49	31	30	22	22	42	44	42	36.3
	MIN -2	20	32	22	27	25	21	27	9	0	15	15	9	7	6	20	17	20	29	31	26	38	33	30	12	17	9	1	14	18	32	18.7
FREEPORT	MAX 27	40	41	41	40	38	36	36	34	17	29	22	23	21	33	28	37	46	46	44	50	55	48	47	33	29	23	23	42	42	44	36.0
	MIN -10	23	35	22	22	24	18	28	8	0	4	14	7	4	0	16	12	22	26	30	32	35	30	32	12	15	6	0	14	19	32	17.2
FULTON DAM 13	MAX 29	44	42	41	44	42	40	37	33	18	30	26	24	23	35	32	38	49	40	44	53	57	51	45	34	31	27	23	44	46	45	37.6
	MIN -4	25	32	25	24	28	20	29	11	0	16	14	10	7	4	22	18	24	26	30	28	37	32	32	15	16	10	2	15	19	30	19.3
GALVA	MAX 31	47	42	45	46	40	42	37	35	22	32	28	24	23	32	29	36	45	44	45	55	59	48	48	33	35	29	22	43	48	43	38.3
	MIN 1	23	33	24	28	28	22	28	10	3	16	5	8	1	8	17	15	19	32	31	32	38	33	32	14	17	9	2	13	22	32	19.2
GENESEEC	MAX 30	47	46	45	44	39	41	37	34	21	31	28	25	23	33	29	35	46	46	45	55	58	48	47	33	32	26	24	45	48	44	38.2
	MIN -1	26	35	25	32	27	22	30	10	3	17	16	10	6	8	20	17	22	34	31	36	40	34	30	13	17	10	2	14	17	33	20.5
HENNEPIN POWER PLANT	MAX 30	49	43	47	46	41	43	37	36	24	33	30	27	24	33	32	35	48	47	46	56	58	52	54	38	33	31	24	45	48	42	39.7
	MIN -9	23	35	28	29	29	18	28	14	5	18	18	17	3	3	19	15	19	30	32	34	38	34	37	16	19	12	3	11	15	26	19.8
KEWANEE	MAX 30	47	43	43	45	39	40	40	35	21	31	29	23	22	31	31	36	43	43	46	53	58	52	49	35	32	32	22	42	46	42	38.1
	MIN 6	25	34	26	31	28	23	27	12	3	16	15	9	4	11	25	18	24	32	32	34	39	34	35	14	18	10	2	15	24	31	21.2
MCLINE WB AIRPORT	MAX 31	47	41	46	44	37	41	36	33	21	31	23	22	22	32	28	37	47	45	45	55	58	44	47	33	31	23	23	45	47	46	37.5
	MIN -2	25	33	25	32	23	25	31	8	3	18	16	0	5	2	14	24	20	33	31	36	36	33	18	14	16	7	3	18	16	31	19.2
MCRRISON	MAX 31	43	42	45	45	41	40	39	35	19	30	26	25	24	36	34	37	48	48	45	54	57	56	46	37	30	29	24	45	47	47	38.9
	MIN -7	17	33	22	20	28	20	20	13	0	17	16	9	4	2	21	15	13	29	30	28	36	31	37	12	16	11	1	14	15	29	17.8
MCUNT CARROLL	MAX 27	42	42	41	42	40	38	37	34	17	31	25	23	21	33	31	38	47	45	43	50	55	49	46	34	30	27	22	43	43	45	36.8
	MIN -7	24	35	24	21	28	19	28	9	-1	14	12	8	8	1	23	16	21	25	31	34	34	31	32	11	15	8	0	15	19	29	18.3
PAN PA	MAX 12	29	39	41	39	41	33	40	34	28	18	28	20	23	21	31	29	34	44	44	42	49	54	48	50	28	28	24	22	40	43	34.1
	MIN -5	5	27	22	25	25	19	20	25	-4	-4	14	7	4	8	9	13	18	24	29	29	32	29	32	11	11	10	-2	4	15	22	15.3
ROCHELLE 1 W	MAX 14	27	40	38	38	40	34	38	35	27	18	28	19	24	22	34	30	35	45	43	42	50	55	48	50	28	30	24	23	41	43	34.3
	MIN -11	0	25	18	28	26	20	23	25	0	2	15	9	5	5	9	14	15	24	31	31	34	31	32	13	12	13	0	2	14	18	15.7
ROCKFORD WB AIRPORT	MAX 28	42	41	39	40	37	38	37	34	19	30	21	25	21	34	29	37	44	45	41	49	55	46	49	29	30	24	24	42	42	42	35.9
	MIN -8	23	35	23	23	21	20	29	5	3	13	16	5	7	2	14	14	20	27	30	30	36	33	21	14	18	4	1	15	18	27	17.4
STOCKTON	MAX 24	39	37	38	38	35	35	35	31	22	27	18	21	21	32	30	35	40	41	43	48	50	46	44	30	27	22	22	42	43	46	34.3
	MIN 0	20	33	20	27	24	20	27	5	-4	10	18	5	5	7	19	16	20	28	28	28	36	30	30	9	13	5	-2	15	26	29	17.4
TISKILAWA	MAX 32	48	47	47	47	42	43	38	35	24	33	28	26	25	34	32	35	46	46	48	59	47	53	37	33	31	25	45	49	43	39.6	
	MIN -8	26	43	28	34	26	18	28	14	5	17	18	11	-1	0	21	15	21	32	35	36	35	37	17	19	11	2	11	16	28	19.3	
WALNUT	MAX 29	42	45	43	44	38	41	36	34	22	31	25	26	24	34	33	36	47	46	45	54	57	48	49	32	31	25	23	43	47	42	37.8
	MIN 0	24	32	25	29	24	22	27	10	1	16	16	8	7	10	21	16	25	30	30	35	40	35	32	12	16	18	0	13	20	33	20.2
NORTHEAST 02																																
ANTIOCH	MAX 25	40	43	40	41	39	38	35	33	20	30	24	27	22	33	30	34	50	44	45	52	55	47	55	44	33	26	28	40	44	39	37.3
	MIN 0	22	33	24	26	26	20	28	16	3	11	16	14	9	6	19	11	25	29	32	30	33	31	35	14	16	9	1	14	24	25	19.4
ALDORA COLLEGE	MAX 27	40	39	40	40	37	41	35	36	20	30	26	27	24	33	31	33	48	45	44	52	56	47	57	30	31	27	25	40	45	40	37.0
	MIN -5	20	30	22	29	28	20	25	8	8	18	12	16	6	6	20	15	20	20	33	30	36	36	30	15	17	10	1	13	17	28	18.8
BARRINGTON 1 NW	MAX 25	38	40	39	42	41	37	38	35	20	29	22	25	24	32	32	32	43	44	44	49	58	55	55	52	30	29	25	39	42	42	37.4
	MIN -4	18	31	23	25	19	22	25	18	0	10	15	14	10	6	19	16	24	27	29	32	31	40	34	15	18	10	-2	17	12	29	18.8
CHICAGO O HARE AIRPORT	MAX 25	39	38	39	41	35	38	34	33	20	30	23	27	26	34	31	34	48	45	44	50	55	48	40	28	32	27	25	39	44	40	36.5
	MIN -13	23	31	24	26	19	12	25	7	5	13	19	9	8	9	18	19	27	32	34	35	37	34	25	18	20	5	1	17	18	29	18.9
CHICAGO UNIVERSITY	MAX 29	43	41	44	47	38	42	39	37	22	30	23	28	26	32	32	30	47	47	47	52	56	46	60	29	32	29	26	39	40	42	37.9
	MIN 11	26	35	29	32	27	26	28	9	7	21	17	16	13	16	23	19	26	35	34	37	41	35	25	20	21	7	5	18	29	33	23.3
CHICAGO WB AIRPORT	MAX 29	41	41	43	46	37	41	38	37	21	29	23	27	25	33	32	32	48	46	47	51	58	43	61	30	31	29	25	40	45	42	37.9
	MIN 3	25	34	27	29	24	22	28	7	5	18	16	12	8	10	20	19	27	33	33	36	36	40	26	17	19	8	4	15	22	31	21.1
CHICAGO WB CITY	MAX 30	43	44	43	46	40	42	40	38	24	29	24	28	27	33	31	33	46	48	46	52	57	51	59	30	31	27	25	39	42	43	38.4
	MIN 16	27	37	31	34	30	29	29	10	7	23	19	14	16	19	25	23	30	38	36	39	44	39	25	18	21	9	7	20	33	36	25.4
JOLIET	MAX 28	43	42	46	47	45	38	43	36	23	30	27	28	26	34	32	32	46	47	46	54	59	55	58	54	33	31	25	41	46	43	39.9
	MIN -6	24	34	26	29	30	31	24	20	4	15	20	11	6	8	20	24	19	33	32	34	33										

# DAILY TEMPERATURES

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Station	Day Of Month																															Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MCNMOUTH	MAX	34	50	45	50	47	41	43	37	34	22	33	30	26	25	34	34	37	46	48	49	57	61	50	46	36	32	28	23	46	50	46	40.0	
	MIN	5	26	34	25	31	29	21	29	12	3	18	15	7	4	12	19	18	22	30	30	35	39	30	29	14	17	10	0	15	18	34	20.4	
QUINCY	MAX	37	63	55	55	53	43	50	42	38	29	36	32	25	34	37	40	47	57	54	63	67	59	55	42	35	34	27	56	53	49	45.1		
	MIN	8	31	36	29	33	30	28	32	17	8	24	17	9	6	18	18	24	25	38	32	40	40	30	27	17	25	13	6	19	24	39	24.0	
QUINCY FAA AIRPORT	MAX	35	58	48	52	50	40	47	39	33	29	36	24	23	29	32	29	38	46	52	49	60	64	54	53	39	33	34	27	46	53	46	41.9	
	MIN	7	28	33	25	30	25	25	31	13	6	21	16	2	-1	11	16	22	22	35	32	37	41	30	19	17	22	10	6	17	24	34	21.2	
RUSHVILLE	MAX	40	65	49	49	56	46	48	37	32	29	33	23	22	33	32	29	35	45	48	55	60	63	50	48	42	40	35	40	49	54	53	42.9	
	MIN	30	26	24	24	25	24	20	30	15	6	18	15	10	-5	5	12	18	17	30	32	33	38	32	16	14	16	16	4	16	24	26	19.6	
CENTRAL 04																																		
BLOOMINGTON NORMAL	MAX	28	49	47	46	49	48	43	42	37	25	34	34	23	24	30	29	32	42	51	50	56	59	59	53	52	34	34	23	41	46	45	40.8	
	MIN	2	22	34	26	30	29	25	27	11	6	18	11	12	2	14	15	22	23	34	32	36	42	38	36	17	21	17	4	17	17	36	21.8	
CHENOA	MAX	30	47	47	47	49	38	43	37	35	26	35	27	25	25	31	30	38	43	50	48	55	58	50	54	38	34	32	25	40	47	42	39.5	
	MIN	-5	33	25	25	25	15	15	12	5	13	15	15	12	0	9	12	12	20	32	31	34	36	37	36	17	19	10	3	17	32	19.0		
DECATUR	MAX	34	51	49	50	52	40	46	38	37	30	40	33	26	26	33	29	35	46	52	49	62	60	57	58	38	36	38	27	42	53	46	42.4	
	MIN	2	26	35	26	29	31	21	27	16	6	18	12	10	-1	12	17	23	21	35	33	36	43	42	36	18	23	14	5	16	20	37	22.2	
FARMER CITY	MAX	33	48	44	49	50	39	43	37	37	29	35	30	23	24	31	30	33	40	49	47	57	60	52	55	42	35	36	27	43	49	45	40.4	
	MIN	-1	23	32	31	25	29	22	26	15	6	14	12	12	-7	8	9	21	10	33	33	33	37	40	40	17	20	14	4	14	19	36	20.2	
HAVANA	MAX	35	55	50	52	49	45	47	42	37	26	40	34	21	28	32	30	36	44	50	48	58	60	57	44	36	35	32	23	45	51	49	41.6	
	MIN	1	26	35	27	27	32	21	28	16	8	16	16	14	-3	9	14	21	17	33	33	29	39	34	36	18	21	13	5	16	18	37	21.2	
LACON	MAX																																	
LINCOLN	MAX	35	54	46	51	52	39	46	39	35	28	37	27	24	27	32	29	34	43	53	47	60	61	53	53	37	35	35	24	43	51	43	41.1	
	MIN	1	24	34	27	28	31	22	27	14	7	14	13	11	-2	10	10	14	15	33	33	32	37	37	20	18	21	10	4	15	19	33	19.7	
WASON CITY	MAX																																	
MINONK	MAX	30	47	42	46	47	37	43	36	34	24	33	27	24	25	32	31	33	44	50	47	54	57	49	53	35	34	32	23	41	48	41	38.7	
	MIN	-2	20	32	25	27	26	21	27	13	4	15	14	10	-1	16	13	13	15	30	32	30	35	36	35	17	19	10	1	9	20	30	19.1	
PEORIA AB AIRPORT	MAX	31	51	43	48	47	36	44	36	35	24	37	23	22	24	30	27	32	41	49	46	55	58	50	53	35	33	30	22	42	47	41	38.5	
	MIN	-3	20	33	24	26	25	23	28	10	6	19	16	4	-2	8	4	2	15	32	33	30	38	35	20	17	19	7	3	15	19	32	18.9	
PRINCEVILLE 1 N	MAX	31	55	45	50	48	42	48	39	34	26	35	29	22	24	31	28	33	40	50	46	56	56	48	52	35	32	30	31	48	45	42	39.7	
	MIN	-4	20	36	28	28	31	25	28	14	6	16	15	11	-1	9	10	22	20	32	33	32	40	35	33	16	19	10	2	17	16	29	20.3	
EAST 05																																		
DANVILLE	MAX	34	44	48	48	51	42	42	41	40	28	37	34	26	24	31	31	33	45	49	50	58	62	58	56	56	38	37	27	38	48	45	42.0	
	MIN	-1	24	37	27	28	33	17	27	19	9	14	13	13	-7	9	11	23	18	37	32	31	33	45	45	21	24	16	0	10	15	29	21.0	
HCOPESTON	MAX	29	41	44	45	48	39	39	40	36	25	34	26	24	20	28	29	30	39	48	47	54	58	53	54	54	34	34	24	37	46	42	38.8	
	MIN	0	23	35	26	30	31	22	25	16	8	13	12	12	-3	14	17	22	20	32	32	33	38	45	43	19	22	13	4	14	20	36	21.7	
KANKAKEE 3 Sw	MAX	31	44	41	44	47	38	42	40	37	24	32	27	26	24	29	31	30	42	48	45	53	56	52	56	54	32	26	24	40	41	41	38.6	
	MIN	-8	22	34	27	30	30	21	27	17	6	14	13	14	0	4	14	16	20	33	32	33	34	38	43	18	20	14	4	14	17	31	20.5	
PONTIAC	MAX	32	48	45	48	47	42	43	37	37	27	34	30	28	28	31	32	33	43	49	47	56	59	56	54	53	37	33	25	42	48	45	40.9	
	MIN	-4	23	35	26	32	29	21	27	17	6	15	13	15	-1	3	16	22	22	33	33	30	35	39	44	18	21	15	4	15	17	32	21.2	
RANTOUL CHANUTE AFB	MAX	29	43	42	44	48	35	42	39	36	24	34	23	22	20	26	26	29	35	44	46	53	57	50	54	34	33	34	21	38	45	43	37.1	
	MIN	3	25	31	26	26	23	17	23	9	5	14	9	3	-2	7	16	17	15	32	32	32	36	43	24	15	21	7	3	13	21	33	18.7	
ROBERTS 3 N	MAX	31	45	42	46	48	40	40	39	37	26	34	25	25	23	30	30	36	38	46	47	55	58	59	55	54	34	32	33	40	47	42	39.9	
	MIN	-3	24	34	26	28	35	24	24	15	7	12	11	13	3	6	13	20	18	33	37	33	37	42	48	30	21	12	2	13	20	32	21.6	
URBANA	MAX	31	45	46	46	50	38	41	38	37	27	36	25	25	22	29	30	32	40	48	47	57	60	52	55	35	35	34	25	39	47	43	39.2	
	MIN	9	26	32	27	29	27	22	27	12	10	18	14	9	4	14	17	23	20	33	35	36	38	42	26	20	24	9	6	15	25	34	22.0	
WATSEKA 2 Nw	MAX	29	43	42	49	49	43	41	41	41	26	33	29	26	21	28	30	30	40	47	49	55	57	54	55	54	33	34	28	39	48	45	39.9	
	MIN	-6	21	35	28	27	30	23	25	20	7	14	11	7	-11	4	13	15	16	34	32	31	37	43	46	17	22	18	5	13	18	36	20.4	
WEST SOUTHWEST 06																																		
ALTON DAM 26	MAX	36	62	48	48	49	41	45	41	40	32	37	31	25	32	37	31	36	45	58	50	61	63	61	52	41	39	39	25	47	49	42	43.3	
	MIN	9	28	34	28	27	28	26	29	21	14	23	16	11	7	15	19	21	18	32	34	35	41	41	39	26	29	15	10	20	27	36	24.0	
CARLINVILLE	MAX	37	55	49	52	52	40	47	40	38	35	39	31	25	27	37	30	35	50	55	51	63	66	65	61	40	37	40	27	45	55	46	44.3	
	MIN	3	30	35	25	29	30	20	27	20	9	19	14	15	1	14	17	21	15	37	35	36	41	41	37	21								

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# DAILY TEMPERATURES

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JANUARY 1964

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EFFINGHAM	MAX	35	54	49	50	51	42	42	38	38	20	31	39	22	26	27	35	30	30	34	53	49	63	65	63	57	40	39	39	27	43	54
	MIN	10	25	41	25	28	32	22	27	20	11	11	40	13	-1	0	12	20	22	22	28	35	35	43	46	23	24	23	8	8	18	28
FLORA 2 NW	MAX	35	52	50	51	50	43	42	39	39	31	40	33	26	26	37	31	35	43	55	54	63	65	65	58	53	44	40	33	43	53	50
	MIN	9	25	40	28	27	29	18	26	21	12	18	15	13	-8	12	11	24	9	35	35	31	44	47	49	26	30	22	9	13	20	29
MARSHALL 1 E	MAX	34	45	49	47	49	43	41	41	43	29	40	39	25	23	32	30	34	42	48	51	60	63	61	58	55	40	38	37	41	51	51
	MIN	11	23	39	26	26	30	16	25	22	12	12	15	12	-10	11	16	23	12	35	35	28	35	44	42	24	27	22	6	11	18	31
MATTOON	MAX	32	46	47	48	50	38	41	38	36	28	37	23	22	21	30	30	34	42	50	47	58	62	59	56	38	37	38	24	41	51	45
	MIN	8	27	33	28	28	22	20	26	15	10	18	12	8	2	4	18	22	21	35	34	34	39	47	25	21	26	10	6	15	20	34
MCWEAQUA	MAX	30	45	51	47	40	50	43	38	35	30	38	34	23	26	33	30	35	44	51	48	58	63	60	59	43	37	37	26	34	54	46
	MIN	4	18	31	28	32	24	20	22	20	9	17	12	13	-10	10	10	23	14	27	24	31	38	43	42	18	25	19	6	13	18	35
NEWTON	MAX	35	49	49	50	50	43	42	41	41	30	40	37	28	25	35	31	35	44	53	56	63	65	63	57	54	41	39	33	41	54	47
	MIN	12	24	39	27	28	33	20	26	21	13	19	16	14	-4	13	15	24	19	34	36	34	41	47	48	25	29	25	8	15	22	36
OLNEY	MAX	37	53	53	51	50	45	40	43	42	32	42	30	27	25	36	33	35	44	59	57	65	66	65	58	58	45	41	36	43	54	47
	MIN	14	25	35	26	26	30	17	25	20	12	19	16	13	-8	14	19	25	15	35	37	30	40	49	51	26	29	24	9	14	22	36
PALESTINE	MAX	35	48	49	48	50	43	39	46	41	30	42	36	27	25	35	30	36	45	55	55	63	65	60	58	42	40	38	26	42	56	43
	MIN	14	25	36	28	28	26	18	28	20	14	18	16	14	-4	7	17	25	20	37	36	32	41	48	41	26	30	19	9	13	21	36
PARIS WATERWORKS	MAX	34	46	47	48	50	42	41	41	37	34	38	34	25	22	31	29	35	42	50	49	60	64	57	55	46	39	37	25	41	50	45
	MIN	9	24	35	27	30	29	25	28	20	12	15	14	13	-4	14	18	23	23	37	33	35	41	47	46	22	25	15	7	15	22	35
SALEM	MAX	36	55	50	51	50	44	45	39	38	33	41	32	27	28	38	30	39	46	57	57	64	65	64	58	43	43	41	30	44	53	47
	MIN	12	26	37	23	22	30	19	26	21	10	20	15	14	-9	7	15	24	15	37	35	28	47	47	41	25	29	25	10	16	21	35
TUSCOLA	MAX	33	47	47	48	50	50	43	37	36	27	37	36	27	27	33	30	33	42	50	48	60	61	58	56	43	37	37	25	41	50	44
	MIN	4	24	36	25	29	27	20	27	17	9	15	13	12	-3	10	13	22	12	35	33	32	42	46	43	16	20	15	6	13	18	35
VANDALIA FAA AIRPORT	MAX	36	55	48	53	48	39	44	37	38	31	39	28	22	27	34	30	37	44	55	52	62	65	62	59	42	41	41	26	43	53	46
	MIN	5	22	34	27	24	21	20	27	18	11	20	14	4	-12	9	12	24	9	35	33	32	41	43	25	23	26	11	8	15	22	35
WINDSOR	MAX	33	47	47	47	49		46	43																							
	MIN	4	24	30	28	32		21	31																							
SOUTHWEST 08																																
ANNA 1 E	MAX	37	49	57	51	50		45	44	43	35	39	37	25	27	37	37	39	48	60	59	62	60	62	63	47	55	46	36	44	52	47
	MIN	19	21	40	30	32		20	25	24	13	19	18	12	0	1	24	16	22	30	37	35	43	51	47	27	34	25	10	11	29	37
BELLEVILLE SCOTT AFB	MAX	38	60	50	52	50	43	45	41	40	32	39	32	24	27	38	32	37	45	56	53	63	64	62	61	44	44	42	24	46	49	45
	MIN	10	28	33	26	24	23	21	28	22	15	20	15	9	-5	6	18	12	16	40	38	37	45	35	28	27	28	14	9	17	23	36
CAIRO WB CITY	MAX	38	52	60	52	53	48	49	49	44	40	42	33	26	30	38	38	43	53	63	57	64	62	64	64	49	56	45	29	45	50	46
	MIN	24	28	40	30	27	32	26	30	27	23	28	16	16	12	19	25	21	32	47	38	39	46	55	35	32	33	24	14	20	32	41
CARBONDALE SEWAGE PL	MAX	39	55	58	54	53	48	48	47	43	34	41	36	26	29	38	38	40	48	62	61	64	64	63	63	47	52	44	35	45	52	48
	MIN	18	28	40	24	24	34	17	26	25	11	19	17	14	-7	16	22	18	25	42	38	37	46	52	44	28	32	25	11	12	28	35
CARLYLE	MAX	36	56	50	52	50	43	45	41	38	32	38	32	24	28	37	30	38	48	59	52	64	65	64	62	43	45	41	27	43	53	46
	MIN	9	28	39	27	29	30	20	26	22	15	23	15	15	-9	14	18	24	25	38	34	35	46	42	38	21	30	26	10	18	21	30
CARLYLE RESERVOIR	MAX	30	36	56	50	52	53	43	45	41	32	37	40	20	24	27	36	30	41	47	58	52	64	65	63	59	44	48	42	46	54	43
	MIN	8	12	32	24	27	29	24	25	30	14	14	20	14	0	2	15	18	19	26	34	32	40	49	49	26	28	25	9	11	21	29
COBOEN 2 S	MAX	37	52	58	51	51	48	46	45	45	33	38	36	25	28	35	36	38	46	60	60	62	60	61	61	61	55	52	39	44	52	48
	MIN	18	27	41	25	20	37	19	25	27	11	15	20	13	-1	16	22	17	20	41	30	31	46	52	52	27	28	27	9	11	28	36
OL QUICIN 2 S	MAX	38	55	55	54	52	46	47	46	40	35	41	34	28	29	37	36	40	48	61	61	65	64	63	60	49	46	42	32	45	52	47
	MIN	14	27	39	27	26	32	19	26	24	15	22	15	14	-3	15	21	24	24	38	38	36	40	48	48	26	31	26	11	15	28	37
EAST ST LOUIS PK5 COL																																
MAKANOA 1 NW	MAX	38	53	56	52	51	47	47	45	44	34	39	37	24	29	38	36	39	47	61	60	62	61	61	62	51	53	43	37	44	51	48
	MIN	18	21	23	29	30	35	27	25	25	15	21	18	13	6	16	23	19	28	37	38	38	41	50	48	41	33	36	11	13	32	39
NASHVILLE 3 NW	MAX																															
	MIN																															
NEW BURNSIOE	MAX	39	52	58	52	52	47	48	45	47	35	42	39	25	28	36	36	40	49	61	60	64	66	61	62	62	52	45	37	44	51	49
	MIN	20	27	45	21	25	37	18	25	26	12	17	20	13	-2	16	23	12	27	35	39	35	46	56	51	27	29	24	9	10	28	38
SPARTA	MAX	40	56	52	54	51	46	47	46	42	35	39	32	25	28	37	34	39	47	59	58	63	64	63	59	46	48	42	41	45	50	47
	MIN	10	28	41	30	32	37	24	26	25	13	20	15	10	4	14	20	20	26	41	36	38	47	50	43	25	31	26	10	17	30	35
WATERLOO 1 WSW	MAX	42	64	52	54	54	46	48	43	41	36	32	31	25	32	41	31	42	47	60	55	67	67	65	62	45	47	44	38	52	49	45
	MIN	7	33	43	26	26	35	24	27	25	12	20	15	16																		



# SNOWFALL AND SNOW ON GROUND

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Station	Day of month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																
OIXON	SNOWFALL SN ON GND	3	2	0.3	T	T	T	T	T	T	T	0.2	T	T	T	T	T	T	T	0.3	T	T	T	0.3	T							
FREEMONT	SNOWFALL SN ON GND	2	2	1	1				T		T	0.1	T		0.1				1.0	1			T									
GALVA	SNOWFALL SN ON GND									T		1.6	0.9											T								
MOLINE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	1	1	T	T	T	T	T	T	T	0.6	3.2	3	3	3	2	2	2	1	0.4	1.0			T	0.1	T						
MORRISON	SNOWFALL SN ON GND	2	2	1					T			0.5	1							0.5						0.3						
NORTHEAST 02																																
ANTIOCH	SNOWFALL SN ON GND	3	2	T	T	T	T	T	T	T	T	T	T	T	T	1.0	T	T	T	T	T	T			T	T	T	T				
AURORA COLLEGE	SNOWFALL SN ON GND	4	3	3	3	3	2	2	T	2	2	2	2	2	2	T	1	1	1	1	T	T		T	T							
CHICAGO WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T	T	T					T	T	T	2.1	T	T	1	1	T	T	T				T	0.4	T							
OTTAWA	SNOWFALL SN ON GND	1	T	T					T			1.0	1	1	1	1	T	T			T	T		T	T							
PARK FOREST	SNOWFALL SN ON GND	1							T			T	1.0	1	1											T						
SYCAMORE	SNOWFALL SN ON GND	2	T	T	T	T	T	T	T	T	T	T	T	T	T						T	2.0	T			T	T	T	T			
WEST 03																																
LA HARPE	SNOWFALL SN ON GND	T	T	T	T	T						3.5	3	3	3	3	2	2	1	T	T	T					T					
MONMOUTH	SNOWFALL SN ON GND	3	2	2	1				T			5.0	5	5	5	5	4	4	3	2	1											
QUINCY FAA AIRPORT	SNOWFALL SN ON GND								T		2.0	1.3	1.0	3	5	5	5	5	5	3	2				T							
CENTRAL 04																																
BLOOMINGTON NORMAL	SNOWFALL SN ON GND								T			6.8	5.5	7	12	12	9	8	7							T						
DECATUR	SNOWFALL SN ON GND											6.5	1.5	7	8	8	8	7	5	2												
LINCOLN	SNOWFALL SN ON GND	T	T	T	T							2.1	5.5	2	8	7	6	6	4	3	1	T	T	T								
PEORIA WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	1	1	T	T	T			T		0.2	4.2	0.4	1	5	4	3	3	3	1	T	T			T	T						
EAST 05																																
HOOPESTON	SNOWFALL SN ON GND	1	T						T			2.0	2.5	2	4	4	4	4	4	3	1	0.2				T						
KANKAKEE 3 SW	SNOWFALL SN ON GND	1	1	T	T	T	T	T	T	T	T	0.6	0.7	1	1	1	1	1	T	T	T	T	T			T	T	T				
PONTIAC	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RANTOUL CHANUTE AFB	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	T		7.2	T	-	-	-	-	T	T	-	T	-	-	-	-	-	-	-	-	-	-	-
ROBERTS 3 N	SNOWFALL SN ON GND		T						T			5.0	3.5	5	7	6	-	-	-	2	1											
WEST SOUTHWEST 06																																
CARLINVILLE	SNOWFALL SN ON GND								T		0.5	6.0	3.0	1	7	9	9	8	8	6	3											
MORRISONVILLE 4 SE	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	1.0	4.0	2.0	1	5	6	6	5	4	4	2	T	T	T	T		T					
SPRINGFIELD WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T	T						T	T		3.7	6.6	0.5	6	11	10	8	8	8	7	4	T	T			T					
WHITE HALL 1 E	SNOWFALL SN ON GND									T	8.0	2.0	8	10	10	10	10	10	8	6	2	1										
EAST SOUTHEAST 07																																
NEWTON	SNOWFALL SN ON GND								T		8.0	0.5	8	7	7	6	6	5	4	2												
TUSCOLA	SNOWFALL SN ON GND								T			7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VANDALIA FAA AIRPORT	SNOWFALL SN ON GND	T	T						T		2.6	4.4	1.0	4	7	8	8	6	6	3	1	T	T									
WINOSOR	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHWEST 08																																
ANNA 1 E	SNOWFALL SN ON GND								T	2.5	2	1	T	5.0	0.5	5	5	5	4	3	1	T										
BELLEVILLE SCOTT AFB	SNOWFALL SN ON GND								T		3.0	4.3	1.9	3	8	8	8	7	6	5	2	1	1									

See Reference Notes Following Station Index





# STATION INDEX

ILLINOIS  
1984

STATION	COUNTY	INDEX NO.	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	COUNTY	INDEX NO.	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL	
ALBION	EDWARDS	0095	1	7 38 23	88 03	530	6P	6P			H	BESSIE ELLEN	LA SALLE 1 S	4923	LA SALLE	1 41 19	89 06	520	7A			ILL DIV OF WATERWAYS	
ALEDG	MERCER	0072	1	40 15	90 26	445	6P	6P			H	THOMAS E. PHELPS	LAWRENCEVILLE 3 WSW	4959	LAWRENCE	7 38 43	87 44	460	7A			BILLY L. ROGERS	
ALEXIS WATERWORKS	WARREN	0082	4	41 03	90 34	674	7P	7P			H	BOYD BURGESS	LOGAN 1	5079	LOGAN	89 29	89 1	591	7P	C		LEONARD J. JUNE	
ALTON DAM 26	MADISON	0137	1	38 53	91 11	432	MID	7A			H	U S CORPS OF ENGINEERS	LOCKPORT POWER HOUSE	5136	WILL	1 41 24	88 05	585	7P			CHICAGO SANITARY DIST	
ANNA 1 E	WINON	0391	1	40 14	91 24	775	7P	7P			H	ROY J. KUFALK	LOUISVILLE	5216	WINON	1 40 32	88 30	460	6P			JOHN O. BLAIR	
ANTIOCH	LAKE	0203	1	42 29	88 06	800	7P	7P			H	WALTER M. ROWLAND, SR.	LAKEVIEW	5272	LAKE	1 40 32	89 22	670	6P			CARL W. KULL	
AUGUSTA 2 W	HANCOCK	0330	1	40 14	90 59	680	7P	7P			H	WALTER M. ROWLAND, SR.	MACOMB	5280	MCDONOUGH	1 40 28	90 40	702	6P			W. S. NEWELL	
AURORA COLLEGE	MCLAIN	0761	1	41 38	88 20	611	7P	7P			H	AURORA COL. PHYSICS DEPT	MARXAND 1 NW	5294	JACKSON	6 42 38	89 48	600	6P			F. G. FRAZIER	
AVON 5 NE	FULTON	0356	1	40 44	90 22	630	7A	7A			H	JAMES R. MITCHELL	MARENGO	5326	MCHENRY	6 42 15	88 36	825	6P			HAROLD HYOE	
BARRINGTON 1 NW	LAKE	0442	1	42 10	88 09	810	6P	6P			H	CHICAGO AERIAL IND	HARETTA	5334	FULTON	1 40 30	90 24	546	6P			JOSEPH ACE MCCANCE	
BARRY	PIKE	0443	4	39 41	91 03	640	7A	7A			H	GEORGE E. GRIDER	MARION 2 W	5342	WILLIAMSON	4 37 44	88 55	448	5P			OREL W. TURNER	
BEARDSTON	CASS	0492	1	40 01	90 26	445	6P	6P			H	U S AIR FORCE	MARION 1 W	5368	MASON	1 40 02	88 58	720	7A			LLOYD J. SIMPSON	
BELEVILLE SCOTT AF BSE	ST. CLAIR	0510	2	38 32	89 51	447	MID	7A			H	CITY OF BELEVILLE	MARSHALL 1 E	5380	CLARK	7 39 23	87 41	570	5P			ERNEST THOMAS PINE	
BELOVED SEWAGE PLANT	BOONE	0581	6	42 16	88 52	793	6P	6P			H	MAX R. CRAIN	HATTISON	5430	COLES	7 39 28	88 21	718	MID			VICTOR B. RICHARD	
BENTLEY 1 NW	HANCOCK	0598	1	40 22	91 08	645	6A	6A			H	MERL L. BURGIN	MORRISON LODGE AND DAM	5493	MCHENRY	1 42 17	88 14	742	7A			GEORGE FRANCIS	
BENTON FOREST SERVICE	FRANKLIN	0608	4	38 02	88 55	445	6A	6A			H	ILL. STATE NORMAL UNIV	MORRISONBORO	5515	HAMILTON	5 38 05	88 32	458	6P			EDWARD LEWIS KOCHDOO	
BLOOMINGTON WATERWORKS	MCLAIN	0761	1	40 30	89 01	775	7A	7A			H	VERNON A. NUTRUP	MCDORA	5539	MCOUPIN	1 39 10	90 08	620	7P			W. F. DODGE	
BLOOMINGTON NORMAL	MCLAIN	0761	1	40 30	89 01	775	7A	7A			H	U S CORPS OF ENGINEERS	MINONK	5712	WOODFORD	1 40 54	89 02	755	7P			HOMER C. PARKS	
BLUFFS	SCOTT	0781	3	39 45	90 32	467	6P	6P			H	U S WEATHER BUREAU	MONMOUTH	5788	WARREN	4 40 55	90 38	770	6P			U S WEATHER BUREAU	
BROOKPORT DAM 52	MISSAC	0993	5	37 08	88 39	330	6P	6A			H	HUGH B. BOYD	MONTICELLO PLATT	5788	WARREN	4 40 55	90 38	770	6P			PROF. LYLE FLEMING	
CAIRO NW CITY	ALEXANDER	1186	4	37 00	89 10	314	MID	6P			H	JACK A. CAMPBELL	MORRIS 5 N	5825	GRUNDY	1 41 21	88 26	520	7A			RAY WEBB	
CANTON	FULTON	1250	1	40 02	90 26	445	6P	6P			H	MUN WATER AND POWER PL	MORRIS 5 N	5825	GRUNDY	1 41 21	88 26	520	7A			WILLIAM C. COLLINS	
CARBONDALE SEWAGE PLANT	JACKSON	1265	4	37 44	89 12	380	6P	7A			H	U S CORPS ENGINEERS	MORRISON	5833	WHITESIDE	6 41 49	89 58	603	5P			CITY OF MORRISON	
CARLEVILLE	MCOUPIN	1280	1	39 17	89 52	625	6P	7A			H	MURPHYSBORO WATERWORKS	MORRISONVILLE	5841	CHRISTIAN	1 39 25	89 28	638	6P			MRS DOROTHY A BULLARD	
CARLEYS RESERVOIR	CLINTON	1290	1	38 10	89 20	501	8A	8A			BA	MORRISONVILLE	5846	CHRISTIAN	1 39 23	89 24	635	7P			C. PAUL BEATH		
CARLYE DAM	WHITE	1296	2	38 10	88 12	390	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			MT CARMEL SEWER DEPT	
CENTRALIA 2 NE	MARION	1386	2	38 33	89 07	456	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			JAMES F. MCCRAY	
CHAMNAHON DRESSEN ISL	GRUNDY	1420	1	41 24	88 17	505	7A	7A			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			HAROLD BURBURGER	
CHARLESTON	COLES	1436	3	39 29	88 11	710	6P	7A			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			HOMER L. RENAKER	
CHENOWETH	MCLAIN	1479	1	40 44	88 46	710	5P	5P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			HOWARD H. BODLEN	
CHESTER	RANDOLPH	1489	1	40 00	88 50	640	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			MURPHYSBORO WATER CO	
CHICAGO CALUMET TR WKS	COOK	1522	6	41 40	87 56	593	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			CORLEY HILLIARD	
CHICAGO LAKEVIEW PUMP STA	COOK	1532	6	41 58	87 40	651	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CHICAGO LLOYLA UNIV	COOK	1542	6	41 58	87 40	651	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CHICAGO LAKEVIEW PUMP STA	COOK	1542	6	41 58	87 40	651	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CHICAGO N BR PUMP STA	COOK	1542	6	41 58	87 40	651	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CHICAGO O HARE AIRPORT	COOK	1542	6	41 58	87 40	651	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CHICAGO ROSELAND PUMP	COOK	1552	6	41 42	87 38	659	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CHICAGO RACINE PUMP	COOK	1557	6	41 49	87 41	640	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CHICAGO SAN DIST OFFICE	COOK	1562	6	41 54	87 38	630	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CHICAGO S FILTER PLANT	COOK	1566	6	41 45	87 33	611	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CHGO SPRINGFIELD PMPG	COOK	1567	6	41 55	87 44	630	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CHICAGO UNIVERSITY	COOK	1572	6	41 47	87 36	594	MID	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CHICAGO WB AIRPORT	COOK	1573	6	41 47	87 36	594	MID	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CHICAGO WB CITY	COOK	1582	6	41 53	87 38	594	MID	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CHILLICOTHE	DECATUR	1627	3	38 29	88 26	440	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CLINE	WAYNE	1666	3	38 31	88 26	500	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CLINTON 1 SSW	COOK	1743	6	40 08	88 58	746	5P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
COBLEN 2 S	WINON	1775	1	40 30	89 15	540	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
COULTERVILLE 1 SSW	RANDOLPH	1944	2	38 11	89 36	510	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
CRETS	DECATUR	2011	3	38 27	87 38	640	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
DANVILLE	VERMILION	2140	0	38 08	87 39	558	5P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
DANVILLE SEWAGE PLANT	VERMILION	2140	0	38 08	87 39	558	5P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
DECATUR	DECATUR	2185	3	38 51	88 58	670	7P	7P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
DIXON	LEE	2348	1	41 50	89 26	696	7A	7A			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
DOWN 2 NE	MCLAIN	2417	1	40 59	88 51	796	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A			U S CORPS OF ENGINEERS	
DUQUEN 2 S	PERCY	2483	2	39 59	88 19	430	6P	6P			H	MOUNT CARMEL	MOUNT CARMEL	5903	WABASH	7 38 24	87 46	390	8A				

REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, 61824 or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Monthly Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table, and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

\* Amount included in following measurement, time distribution unknown.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate, but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCDMM-WB-Asheville, N. C. -4/13/64- 9DD



91° 90° 89° 88°

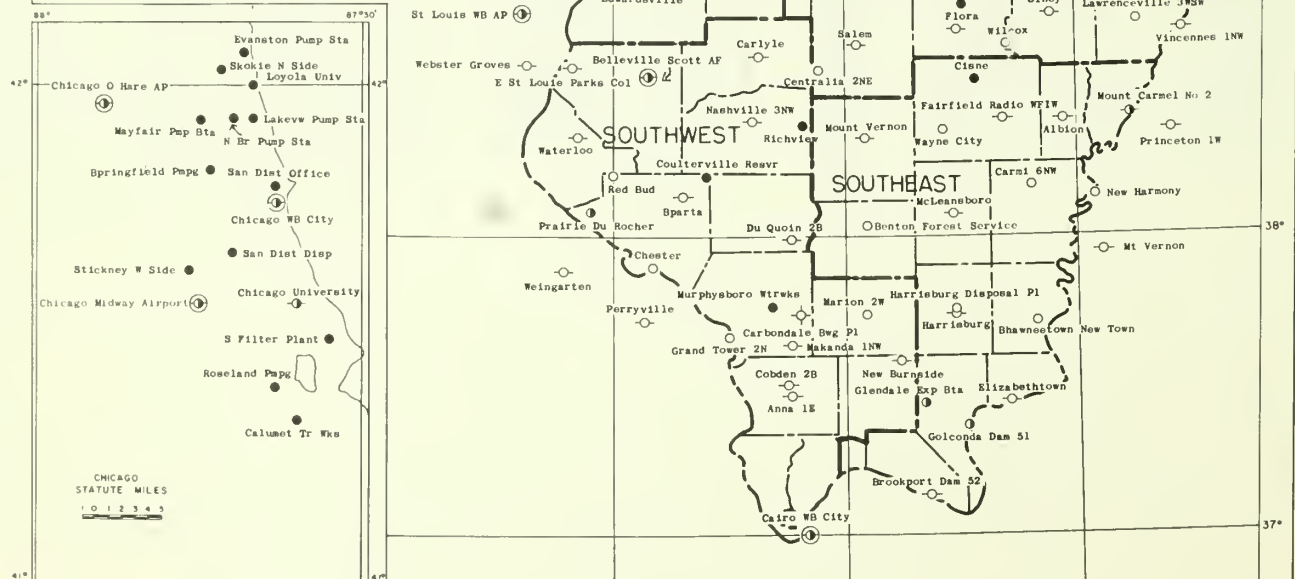
STATION LEGEND

- ● ↻ Precipitation only
- ● ↻ Precipitation, storage
- ● ↻ Precipitation and Temperature
- ● ↻ Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording, ● Recording ○ Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°

# ILLINOIS

STATUTE MILES  
0 10 20 30 40  
90 TH MERIDIAN TIME ZONE







From the ...

U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief



# CLIMATOLOGICAL DATA

ILLINOIS

FEBRUARY 1964  
Volume 69 No. 2



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 62° on the 2d at 3 stations

Lowest Temperature: -8° on the 27th at Freeport

Greatest Total Precipitation: 3.67 inches at Virden

Least Total Precipitation: 0.26 inch at Princeville 1 N

Greatest One-Day Precipitation: 1.50 inches on the 13+ at Virden

Greatest Reported Total Snowfall: 16.5 inches at Pana

Greatest Reported Depth of Snow on Ground: 9 inches on the 15th at Pana

SPECIAL WEATHER SUMMARY

Precipitation continued below normal through February. For most of Illinois this was the seventh consecutive month with below normal moisture. It was driest in the north with a gradual increase in monthly totals southward. Much of the northern quarter of the State had only 25 to 35 percent of normal. The increase was to about 50 percent of normal central and from 75 to 85 percent in the south.

normal to 2° below central, and 2° to 3° below normal in the south.

Temperatures were 1° to 3° above normal in the north,

William L. Denmark  
Weather Bureau State Climatologist  
Weather Bureau Office  
P. O. Box 143, Station A  
Champaign, Illinois 61824



# CLIMATOLOGICAL DATA

ILLINOIS  
FEBRUARY 1964

Station	Temperature											Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days				
										Max.	Min.	Total	Total					Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More			
																							60° or Below	50° or Below	40° or Below
<b>NORTHWEST 01</b>																									
ALEO	37.4	18.6	28.0	.3	52	5	4	27	1066	0	6	29	0	.64	-	.74	.30	12				2	0	0	
OIXON	36.5	18.3	27.4	.8	54	5	2	24	1080	0	7	29	0	.58	-	.80	.33	13	6.5	4	16	1	0	0	
FREEPORT	36.1	15.1	25.6	1.6	54	5	2	27	1135	0	10	29	6	.84	-	.33	.38	12	8.3	6	15	3	0	0	
FULTON DAM 13	37.3	18.1	27.7		54	5	1	27	1074	0	8	29	0	.69	-		.34	13	7.0	5	17	2	0	0	
GALVA	37.2	19.4	28.3	.7	52	5	3	27	1057	0	6	29	0	.99	-	.51	.33	13	7.9	4	26	5	0	0	
<b>GENESEO</b>																									
WENNEPIE POWER PLANT	37.6	18.7	28.2		59	5	1	27	1062	0	5	29	0	.64	-		.18	18	5.8	4	18	4	0	0	
Kewanee	38.1	18.6	28.4		53	29	0	27	1056	0	2	29	1	.35	-	.75	.18	13	6.6	4	13	1	0	0	
Moline WB Airport	37.3	20.6	29.0		51	29	7	27	1039	0	6	29	0	.71	-		.20	13	8.2	4	16	4	0	0	
Morrison	36.3	17.6	27.0	1.3	53	5	2	27	1097	0	7	29	0	.73	-	.62	.30	12	5.5	3	16	3	0	0	
Mount Carroll	38.4	16.6	27.5	.7	52	5	2	27	1081	0	3	29	1	.54	-	.90	.26	13	6.2	4	13	3	0	0	
<b>MOUNT CARROLL</b>																									
PAW PAW	36.3	15.0	25.7	.5	52	5	7	27	1134	0	9	29	4	.64	-	.70	.42	13	8.5	7	16	2	0	0	
Rochelle 1 W	34.5	15.2	24.9		50	6	0	25	1157	0	12	29	2	.74	-	.78	.33	13	7.1	5	17	2	0	0	
Rockford WB Airport	34.3	13.9	24.1		52	6	2	27	1179	0	11	29	2	.38	-	.87	.18	17	8.8	6	17	2	0	0	
Stockton	35.6	15.7	25.7	1.3	53	5	1	27	1133	0	13	29	1	.50	-	.94	.33	12	6.5	5	17	2	0	0	
Tiskilwa	35.4	16.5	26.0		53	5	2	24	1124	0	15	29	0	.85	-		.40	13	5.5	4	13	4	0	0	
<b>WHEATON COLLEGE</b>																									
WALNUT	38.2	17.4	27.8		54	5	3	26	1070	0	4	29	2	.36	-	1.20	.20	13				1	0	0	
	37.1	17.8	27.5	.2	59	29	2	26	1079	0	7	29	0	.75	-	.67	.30	13	9.0	6	16	4	0	0	
<b>DIVISION 01</b>																									
			27.0		.6									.64	-	.51			7.2						
<b>NORTHEAST 02</b>																									
ANTIOCH	37.7	17.3	27.5		55	5	0	27	1080	0	6	29	2	.65	-		.30	12	7.0	4	16	3	0	0	
Aurora College	36.5	17.8	27.2	.9	53	6	3	27	1090	0	8	29	1	.73	-	.81	.49	12	5.8	5	13	2	0	0	
Barrington 1 NW	36.4	16.6	26.5		53	6	3	27	1111	0	10	29	1	.50	-		.35	13	8.2	4	16	2	0	0	
Chicago O'Hare Airport	36.3	16.9	26.6	.4	55	5	2	22	1101	0	11	29	0	.52	-	.99	.22	15	5.9	3	16	2	0	0	
Chicago University	36.2	23.6	29.9	1.6	54	5	11	24	1008	0	12	28	0	.65	-	.93	.20	12				2	0	0	
<b>CHICAGO WB AIRPORT</b>																									
Chicago WB City	36.6	20.9	28.8	1.1	55	5	9	24	1043	0	11	29	0	.57	-	1.03	.18	12	6.4	3	16	2	0	0	
Joliet	36.8	25.6	31.2	1.9	52	5	13	24	975	0	11	25	0	.60	-	1.03	.20	12				2	0	0	
Marengo	38.3	20.9	29.6		53	6	6	27	1020	0	5	28	0	.52	-		.31	13				3	0	0	
Morris 5 N	35.8	16.3	26.1		54	5	2	24	1123	0	11	29	0	.50	-		.32	13	4.0			2	0	0	
Ottawa	36.3	16.8	26.6	-1.0	52	6	0	27	1107	0	10	29	1	.38	-	1.02	.14	13	3.5	3	16	2	0	0	
<b>PARK FOREST</b>																									
Peru Sewage Plant	35.5	18.7	27.1		54	6	2	27	1092	0	10	29	0	.41	-		.18	12				4	15	2	0
Sycamore	37.3	19.9	28.6	-.3	53	5	4	27	1048	0	6	29	0	.65	-	.92	.34	12	6.7	4	13	1	0	0	
Waukegan 2 WNW	36.2	16.6	26.4	1.4	55	5	1	27	1114	0	11	29	0	.41	-	1.04	.30	13	3.0	2	14	1	0	0	
	36.2	19.3	27.8	1.8	51	29	3	27	1072	0	10	29	0	.56	-	.92	.17	16	8.3	3	16	3	0	0	
<b>WHEATON COLLEGE</b>																									
			28.0		.7									.55	-	1.03			5.6						
<b>WEST 03</b>																									
GALESBURG	36.9	18.9	27.9		51	29	3	26	1069	0	6	29	0	.55	-	1.08	.20	12	7.2	3	15	2	0	0	
Goleno 1 NW	38.2	20.7	29.5		55	5	2	26	1023	0	9	29	0	.97	-	.55	.40	15	7.9	8	15	3	0	0	
La Harpe	38.3	18.5	28.4	-1.0	53	5	4	26	1055	0	6	29	0	1.17	-	.30	.65	12	8.5	5	12	4	1	0	
Monmouth	37.1	19.0	28.1	-.2	51	5	4	27	1061	0	8	29	0	1.12	-	.53	.25	15	9.0	3	16	7	0	0	
Quincy	41.1	23.8	32.5	.1	55	29	10	26	937	0	5	27	0	.98	-	.62	.38	12	9.0	2	15	4	0	0	
<b>QUINCY FAA AIRPORT</b>																									
Rushville	38.9	21.2	30.1		55	5	8	26	1006	0	8	29	0	.55	-		.32	12	9.1	4	16	1	0	0	
	40.0	19.4	29.7	1.4	54	29	6	26	1018	0	7	29	0	1.07	-	.49	.35	12	9.5	0		6	0	0	
<b>DIVISION 03</b>																									
			29.5		.9									.92	-	.67			8.6						
<b>CENTRAL 04</b>																									
BLOOMINGTON NORMAL	37.8	22.1	30.0	-.2	53	5	7	27	1012	0	6	28	0	1.21	-	.58	.40	13	11.7	3	16	4	0	0	
Chenoa	36.9	18.4	27.7		53	5	1	27	1075	0	7	29	0	.59	-		.17	12	11.0	4	16	2	0	0	
Ocatar 1	40.0	22.1	31.1	-1.3	55	5	7	22	978	0	4	28	0	1.74	-	.43	.46	15	12.1	5	16	6	0	0	
Farmer City	37.8	18.4	28.1		52	5	2	27	1067	0	8	28	0	1.23	-		.60	13	11.5	6	16	4	1	0	
Havana	39.0	20.9	30.0	-.8	54	29	8	27	1008	0	5	28	0	.85	-	.83	.20	13	10.0	2	12	4	0	0	
<b>LACON</b>																									
Lincoln	40.1	20.0	30.1	-1.0	53	5	7	24	1007	0	2	28	0	1.19	-	.76	.61	13	14.5	7	13	3	1	0	
Mason City	37.0	21.0	29.0		52	5	5	27	1035	0	7	28	0		-										
Mincn	37.6	19.0	28.3		52	5	4	27	1056	0	5	29	0	.50	-	1.14	.25	12	8.5	4	13	2	0	0	
Peoria WB Airport	36.9	19.2	28.1	-.3	52	29	6	26	1066	0	7	29	0	.54	-	1.17	.34	12	6.2	4	14	1	0	0	
<b>PRINCEVILLE 1 N</b>																									
	37.2	20.7	29.0		52	5	3	27	1041	0	6	29	0	.26	-	1.20	.07	26	3.5	0		0	0	0	
<b>DIVISION 04</b>																									
			29.1		1.5									.90	-	.92			9.9						
<b>EAST 05</b>																									
GANVILLE	39.9	19.9	29.9	-1.7	56	5	2	27	1010	0	2	28	0	1.13	-	.98	.31	6	14.0	4	16	5	0	0	
Hoopeston	36.0	19.9	28.0	-2.4	51	5	0	27	1064	0	10	28	1	.72	-	1.36	.21	26	9.4	4	16	2	0	0	
Kankakee 3 SW	35.6	18.8	27.2	-1.5	52	6	3	27	1087	0	8	28	1	.82	-	.97	.31	13	8.2	5	16	4	0	0	
Pontiac	38.6	20.4	29.5	.0	54	6	0	27	1023	0	4	28	1	.72	-	.95	.40	13	8.5	4	13	2	0	0	
Rantoul Chanute AFB	33.9	17.5	25.7		49	6	2	27	1131	0	16	29	1	.74	-		.40	15	11.4	6					

# CLIMATOLOGICAL DATA

ILLINOIS  
FEBRUARY 1964

Continued

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	1.0 or More	.50 or More	1.00 or More
										30° or Above	32° or Above	32° or Below	30° or Below										
WEST SOUTHWEST 06																							
ALTON OAM 26	41.1	25.5	33.3		55	29	9	22	912	0	1	28	0	1.86		.62	13	8.4	5	16	4	2	0
CARLINVILLE	41.9	23.3	32.6	- 1.2	57	5	10	24	934	0	1	28	0	1.58	- .55	.50	12	10.5	6	15	4	1	0
GRIGGSVILLE	41.1M	22.8M	32.0M	- .5	55	29	9	26	953	0	2	28	0	1.07		.61	13		5	13	3	1	0
HILLSBORO	41.6	23.5	32.6	- 1.9	56	25	10	24	937	0	1	28	0	1.90	- .40	.60	6		5	16	4	3	0
JACKSONVILLE	38.9	22.2	30.6	- 2.0	54	5	7	27	991	0	7	28	0	.83	.87	.35	12	11.0	4	15	3	0	0
JERSEYVILLE																							
JERSEYVILLE	43.6	23.7	33.7		56	29	8	26	903	0	1	28	0	1.60		.57	13	7.7	2	26	4	1	0
MORRISONVILLE 4 SE	39.2	23.0	31.1	- 1.6	54	5	7	26	977	0	3	28	0	1.70	- .32	.46	6	10.0	4	15	2	0	0
PANA	39.3	23.6	31.5	- 1.8	55	5	10	24	967	0	3	28	0	2.26	- .00	.65	15	16.5	9	15	3	0	0
SPRINGFIELD WB AIRPORT R	37.8	20.3	29.1	- 2.5	54	5	2	26	1034	0	9	29	0	1.27	- .55	.44	15	13.6	6	16	4	0	0
VIROEN	38.4M	22.8M	30.6M		54	29	10	22	988	0	2	29	0	3.67		1.50	13	12.3	6	16	4	3	2
WHITE HALL 1 E																							
WHITE HALL 1 E	41.5	23.3	32.4	- 1.4	55	25	10	26	939	0	1	28	0	.90	- .70	.33	12	9.0	3	15	4	0	0
DIVISION 06																							
DIVISION 06			31.8	- 1.9										1.69	- .45			11.0					
EAST SOUTHEAST 07																							
CHARLESTON	39.9	23.8	31.9		54	5	10	24	955	0	2	28	0	1.93	- .20	.70	6	14.0	4	16	3	2	0
EFFINGHAM	41.1	23.3	32.2	- 1.2	56	5	12	24	942	0	2	28	0	1.83	- .51	.64	16	8.4	5	16	3	2	0
FLORA 2 NW	43.2	23.8	33.5	- 2.2	57	25	13	24	907	0	1	27	0	1.72		.72	6	4.5	2	15	3	2	0
MARSHALL 1 E	42.6	21.7	32.2		56	5	9	24	945	0	2	28	0	2.05		.79	6	14.4	4	16	6	1	0
MATTOON	38.8	21.1	30.0		53	25	7	24	1009	0	5	29	0	1.29		.33	6	10.0	6	15	4	0	0
MOWEAUA																							
MOWEAUA	39.7	21.5	30.6		61	25	5	24	990	0	2	27	0	1.71		.60	15	12.0	6	16	4	1	0
NEWTON	43.3	24.5	33.9		58	5	12	24	895	0	2	28	0	1.53		.52	6	4.0	2	15	3	1	0
OLNEY	43.7	24.2	34.0	- 2.1	58	25	12	22	893	0	0	28	0	1.62		.71	6	4.6	2	15	4	1	0
PALESTINE	42.7	23.9	33.3	- 1.8	57	25	12	24	912	0	2	28	0	1.64		.60	6	7.5	3	15	3	0	0
PARIS WATERWORKS	39.6	22.3	31.0	- 1.7	56	5	7	22	981	0	2	28	0	1.92	- .30	.75	6	10.0	5	15	4	2	0
SALEM																							
SALEM	43.1	23.8	33.5		58	25	12	24	908	0	1	28	0	2.09	- .41	.90	6	3.0	3	15	4	2	0
TUSCOLA	39.4	20.4	29.9		55	5	7	24	1010	0	2	29	0	1.99	- .17	.62	16	15.0	4	19	7	1	0
VANDALIA FAA AIRPORT	41.0	22.2	31.6		57	25	8	17	964	0	3	29	0	1.95		.55	5	6.6	5	16	5	2	0
WINDSOR																							
DIVISION 07																							
DIVISION 07			32.1	- 2.2										1.79	- .55			8.8					
SOUTHWEST 08																							
ANNA 1 E	45.8	25.6	35.7	- 2.7	60	2	14	22	843	0	0	26	0	2.56	- .99	.60	6	3.8	2	10	6	2	0
BELLEVILLE SCOTT AFB	42.1	24.3	33.2		58	25	10	11	914	0	3	29	0	2.42		.73	5	8.5	4	15	5	3	0
CAIRO WB CITY	47.0	30.2	38.6	- 2.1	60	2	20	22	757	0	0	21	0	2.41	- 1.26	1.00	5	.2	7	23	6	1	1
CARBONDALE SEWAGE PL	46.7	25.1	35.9	- 2.5	62	2	14	27	839	0	0	28	0	2.37	- .68	.83	6	2.3	1	10	7	1	0
CARLYLE	44.0M	23.2M	33.6M		58	25	12	11	902	0	1	26	0	2.51		1.22	6	2.0	2	16	3	3	1
CARLYLE RESERVOIR																							
CARLYLE RESERVOIR	42.6	23.4	33.0		58	26	14	24	922	0	1	29	0	2.43		1.17	6	6.0	0		3	3	1
COBOEN 2 S	46.8	24.6	35.7		60	2	10	22	843	0	0	26	0	2.46		.81	6	2.5	3	10	7	1	0
DU QUOIN 2 S	46.0	26.2	36.1	- 1.6	60	2	11	11	831	0	0	25	0	2.80	.09	.57	10	3.0	3	10	6	3	0
EAST ST LOUIS PK9 COL																							
EAST ST LOUIS PK9 COL	46.2	25.0M	35.6M		60	2	14	22	847	0	0	27	0	2.48		.68	6	1.9	1	10	7	1	0
MAKANOA 1 NW																							
MAKANOA 1 NW	45.3M	25.7	35.5M		62	2	4	11	851	0	1	27	0	2.97	.51	1.27	6	4.0	2	16	5	2	1
NASHVILLE 3 NW	46.2	24.0	35.1	- 3.1	59	2	9	22	860	0	0	26	0	1.99	- 1.51	.54	6	2.7	2	10	5	1	0
NEW BURNSIDE	46.5	26.6	36.6	- 1.2	61	2	7	11	819	0	0	25	0	2.87	.46	1.05	6	10.0	3	10	6	2	1
SPARTA	45.8	26.0	35.9		62	2	8	11	836	0	1	27	0	2.88	.64	1.04	6	12.4	7	10	5	3	1
WATERLOO 1 WSW																							
DIVISION 08																							
DIVISION 08			35.4	- 2.8										2.55	- .44			4.6					
SOUTHEAST 09																							
ALBION	45.3	25.6	35.5		60	25	14	22	853	0	0	27	0	1.75		.6	6	3.9	7	26	5	1	0
BROOKPORT OAM 52	47.6	25.1	36.4		59	5	14	24	825	0	0	26	0	2.56	- 1.33	1.10	6	2.0	3	20	6	1	1
ELIZABETHTOWN	45.9	23.3	34.6		59	25	12	27	875	0	0	27	0	1.96		.40	6	1.0	7	10	6	0	0
FAIRFIELD ROAD10 WFIW	43.7	24.1	33.9	- 3.1	58	25	13	24	894	0	2	26	0	1.88		.81	6	1.5	1	10	5	1	0
HARRISBURG	47.2	23.9	35.6	- 3.4	61	25	12	27	847	0	0	26	0	2.12	- .92	.82	6	5.0	2	10	5	1	0
MCLEANSBORO																							
MCLEANSBORO	44.3	25.2	34.8	- 3.0	59	25	15	24	869	0	0	26	0	2.30	- .52	.91	6	3.0	2	10	5	1	0
MOUNT CARMEL	43.4	23.8	33.6		57	26	14	24	903	0	1	29	0	2.57		.75	10	.3	0		5	2	0
MOUNT VERNON	44.4	24.9	34.7	- 1.6	58	25	13	11	874	0	1	28	0	2.25	- .38	1.08	6	1.7	2	10	5	1	1
DIVISION 09																							
DIVISION 09			34.9	- 3.0										2.17	- .79			2.3					

See Reference Notes Following Station Index









# DAILY TEMPERATURES

ILLINOIS  
FEBRUARY 1964

Continued

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MONMOUTH	MAX MIN	47 26	40 25	40 26	49 22	51 27	41 29	31 18	35 14	31 15	33 13	38 11	32 26	35 28	36 17	31 20	35 14	41 20	37 28	38 27	31 22	26 11	35 10	31 11	37 6	34 22	32 10	37 4	44 21	49 28	37.1 19.0		
QUINCY	MAX MIN	52 29	46 29	48 30	54 25	55 25	46 28	32 20	32 20	33 22	34 24	43 15	35 30	42 29	34 17	42 29	40 17	43 29	31 33	37 32	32 29	29 14	42 17	32 21	45 14	43 24	38 10	46 17	48 28	55 33	41.1 23.8		
QUINCY FAA AIRPORT	MAX MIN	48 28	44 31	45 29	52 25	55 28	42 25	31 18	31 16	32 20	31 20	41 13	34 26	42 14	31 27	33 20	41 14	40 24	31 27	35 14	41 24	40 31	36 30	29 11	38 14	32 14	42 10	40 19	34 8	41 15	45 26	52 31	38.9 21.2
RUSHVILLE	MAX MIN	53 24	51 27	47 27	53 22	50 25	35 20	30 20	32 14	28 22	35 20	40 10	35 20	40 20	35 12	32 20	41 19	40 20	53 29	37 28	32 24	29 14	36 9	32 18	29 7	44 6	37 10	43 6	54 26	54 27	40.0 19.4		
CENTRAL 04																																	
BLOOMINGTON NORMAL	MAX MIN	45 29	44 28	40 26	44 22	53 31	51 35	42 21	33 16	32 20	32 23	37 14	37 27	35 30	36 20	35 21	38 30	37 20	40 22	37 30	33 25	27 11	29 11	28 18	31 10	44 27	35 11	33 7	38 23	49 29	37.8 22.9		
CHENOA	MAX MIN	44 29	40 23	35 35	53 20	50 32	36 14	33 21	34 13	33 12	38 11	34 26	36 30	36 15	46 13	36 10	39 25	35 30	32 25	26 19	30 8	29 15	30 6	29 8	30 15	26 6	42 23	31 9	31 1	38 17	48 25	36.9 18.4	
DECATUR	MAX MIN	48 28	45 24	43 26	49 25	55 34	49 21	37 17	41 22	33 22	34 23	40 11	34 26	38 23	41 18	32 25	42 26	40 20	45 29	37 31	34 23	28 12	33 7	31 21	36 18	51 26	32 12	40 15	40 24	52 27	40.0 22.1		
FARMER CITY	MAX MIN	45 28	42 27	37 25	47 20	52 25	50 33	39 11	37 19	32 22	37 21	35 11	35 25	36 20	41 8	32 19	42 20	43 20	43 20	36 30	30 25	25 11	29 5	30 16	30 22	45 23	36 3	35 2	37 17	47 22	37.8 18.4		
HAVANA	MAX MIN	46 28	43 25	40 28	46 22	52 23	48 35	38 20	32 15	30 19	32 21	37 8	35 28	35 30	39 12	35 22	38 23	41 22	43 27	41 29	35 26	28 15	35 10	32 18	38 8	43 29	34 10	39 8	42 16	54 30	39.0 20.9		
LACON	MAX MIN																																
LINCOLN	MAX MIN	42 28	45 27	45 21	47 21	53 24	50 34	34 20	38 16	33 20	34 18	39 11	35 26	38 28	39 18	34 22	38 19	40 17	43 28	40 31	35 19	29 11	33 8	30 17	37 7	49 25	49 8	40 20	41 8	52 29	40.1 20.0		
MASON CITY	MAX MIN	40 28	41 28	40 28	46 21	52 24	48 35	37 21	36 15	31 21	32 20	38 10	35 27	33 28	33 15	32 23	34 15	36 23	38 27	31 25	31 27	29 16	33 8	29 21	35 18	39 20	35 12	40 5	39 25	51 25	37.0 21.0		
MINONK	MAX MIN	43 28	41 28	34 26	45 21	52 26	51 28	38 21	31 14	34 15	35 20	38 12	35 25	38 28	41 8	32 18	38 15	37 28	40 25	37 15	33 23	28 18	33 8	33 14	31 6	40 25	35 6	36 4	38 21	49 26	37.6 19.0		
PEORIA WB AIRPORT	MAX MIN	44 27	41 26	41 25	45 21	52 24	48 28	28 20	35 15	33 17	32 17	36 10	35 27	33 22	33 15	32 23	35 17	36 21	40 27	36 30	31 21	24 14	34 10	29 10	35 10	41 20	32 6	36 8	40 24	52 25	36.9 19.2		
PRINCEVILLE 1 N	MAX MIN	40 29	41 28	36 28	45 28	52 28	45 29	36 18	35 21	34 19	33 21	36 12	35 23	35 29	35 12	32 19	36 29	44 12	45 19	35 27	32 26	27 15	32 12	30 18	35 8	36 27	32 13	35 3	40 28	51 28	37.2 20.7		
EAST 05																																	
DANVILLE	MAX MIN	46 27	45 30	37 22	46 20	56 28	50 34	45 24	36 18	36 20	34 25	39 10	38 23	40 31	40 17	37 20	42 27	39 11	42 25	39 30	34 21	29 11	30 8	33 17	33 5	47 24	39 13	37 2	36 16	51 29	39.9 19.9		
MOOPESTON	MAX MIN	41 30	38 26	32 24	43 19	51 28	50 33	38 22	33 16	34 17	32 23	37 13	38 25	33 30	36 19	32 15	31 20	36 26	39 27	37 28	31 24	27 18	28 10	30 17	30 7	42 24	33 10	33 2	32 22	48 23	36.0 19.9		
KANKAKEE 3 SW	MAX MIN	42 30	39 26	35 25	43 20	50 29	52 33	46 23	30 14	32 12	33 22	38 12	35 25	33 18	34 15	34 25	33 18	35 21	37 25	35 18	30 6	28 21	27 5	25 15	27 3	38 23	32 7	30 -3	34 20	44 23	35.6 18.8		
PONTIAC	MAX MIN	46 29	44 27	36 27	46 24	53 29	54 33	43 23	34 16	34 14	35 23	39 12	37 25	35 23	38 17	36 15	38 18	37 8	39 25	39 31	34 28	29 10	31 19	29 8	32 10	43 25	33 10	34 0	40 23	50 27	38.6 20.4		
RANTOUL CHANUTE AFB	MAX MIN	41 27	39 26	32 22	41 18	49 24	49 29	29 21	32 17	32 18	30 19	34 13	35 24	32 19	32 17	31 23	30 4	34 7	39 27	34 28	29 18	23 13	24 12	28 11	28 5	42 15	25 12	30 -2	33 14	46 29	33.9 17.5		
ROBERTS 3 N	MAX MIN	41 30	40 25	36 30	45 22	51 26	51 32	40 21	35 15	35 14	33 24	37 11	35 25	46 30	36 12	32 15	33 16	39 20	40 24	36 30	31 25	36 19	29 18	31 16	36 10	40 24	36 10	31 0	38 22	45 20	37.3 20.3		
URBANA	MAX MIN	45 30	42 29	37 26	44 22	52 30	50 23	30 22	35 19	35 23	33 21	42 17	36 25	37 29	38 23	35 24	38 14	43 12	42 28	38 30	33 21	27 16	26 15	31 14	31 9	45 23	27 15	34 10	37 22	48 26	37.6 21.6		
WATSEKA 2 NW	MAX MIN	41 30	39 24	34 21	46 17	51 26	52 33	47 27	33 15	34 12	33 23	39 11	37 24	32 30	35 9	33 16	33 20	35 9	39 16	36 31	33 26	27 13	36 27	33 16	29 7	41 27	34 13	33 -3	35 20	45 19	36.5 18.6		
WEST SOUTHWEST 06																																	
ALTON DAM 26	MAX MIN	47 31	49 30	48 30	49 27	54 28	47 31	33 21	38 23	39 25	33 25	35 19	37 28	36 31	43 26	35 30	37 27	43 26	46 34	39 31	33 24	28 20	36 9	36 23	42 19	52 25	35 20	45 22	42 28	55 27	41.1 25.5		
CARLINVILLE	MAX MIN	49 29	51 25	50 26	50 20	57 23	48 35	38 23	37 19	35 20	33 24	40 12	33 28	37 30	45 19	37 29	42 27	42 27	49 29	38 32	34 24	29 18	37 11	34 24	40 10	56 30	34 13	44 14	42 28	55 26	41.9 23.3		
GRIGGSVILLE	MAX MIN	48 30	48 28	45 22	50 24	54 29	48 33	37 20	32 18	34 21	34 26	40 15	38 28	34 28	44 24	35 25	40 17	43 23	45 26	39 31	34 22	28 15	39 14	36 9	36 22	48 14	34 9	44 14	44 32	55 27	41.1 22.8		
HILLSBORO	MAX MIN	49 30	48 24	46 27	48 20	55 22	49 18	38 26	39 12	34 22	33 26	38 12	36 26	37 31	43 21	39 20	39 28	42 22	45 29	38 32	36 26	28 18	36 11	36 24	39 10	56 30	42 16	42 17	41 25	53 27	41.6 23.5		
JACKSONVILLE	MAX MIN	47 31	45 26	43 28	49 23	54 27	45 35	35 23	33 19	32 19	32 19	39 12	33 29	34 29	39 13	32 26	36 26	40 20	44 29	38 30	32 27	27 17	37 12	31 23	39 10	46 32	32 11	40 7	42 23	53 27	38.9 22.2		
JERSEYVILLE	MAX MIN	51 28	50 25	47 29	52 23	53 23	51 36	40 23	37 19	37 20	38 25	38 12	38 28	39 31	44 22	46 30	43 25	43 26	48 31	44 32	37 30	18 13	38 31	35 25	43 12	55 31	39 8	45 13	45 26	56 29	43.6 23.7		
MCRRISONVILLE 4 SE	MAX MIN	46 30	48 29	43 27	48 23	54 28	48 35	37 23	37 18	33 21	32 25	38 13	33 29	33 29	42 13	33 29	36 23	40 21	42 28	36 31	31 26	26 18	34 12	33 23	38 12	51 28	33 7	41 13	39 27	51 28	39.2 23.0		
PANA	MAX MIN	46 30	47 27	43 25	46 22	55 28	49 35	37 22	38 19	33 24	32 15	37 25	34 31	35 31	40 21	35 28	35 27	40 21	42 29	37 31	33 25	27 18	32 12	35 31	35 10	53 28	34 15	39 15	39 25	51 27	39.3 23.6		
SPRINGFIELD WB AIRPORT	MAX MIN	46 28	46 27	42 29	46 23	54 26	49 30	30 20	35 18	32 18	31 18	38 11	33 28	34 23	38 13	33 25	35 25	38 2															

# DAILY TEMPERATURES

ILLINOIS  
FEBRUARY 1964

Continued

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EFFINGHAM	MAX	47	46	45	51	56	50	40	40	34	34	41	42	39	45	36	40	45	41	37	33	29	33	28	39	55	35	42	39	50	41.1 23.3	
	MIN	31	23	26	22	26	35	24	19	20	26	16	17	32	23	26	29	23	28	32	28	19	12	18	12	21	20	19	24	26		
FLORA 2 NW	MAX	50	52	47	51	55	49	44	40	35	34	40	43	41	45	39	37	48	45	39	35	31	33	42	39	57	48	42	40	53	43.2 23.8	
	MIN	30	22	26	20	23	36	29	20	28	25	15	25	33	23	28	25	18	30	32	29	19	13	20	13	25	21	16	22	24		
MARSHALL 1 E	MAX	47	48	45	50	56	54	47	39	36	35	40	40	40	45	45	38	43	43	38	36	32	29	36	36	53	51	41	40	51	42.6 21.7	
	MIN	30	21	21	18	20	35	24	18	27	27	14	22	30	21	23	29	12	26	31	28	16	12	19	9	24	19	14	17	23		
MATTOON	MAX	46	46	41	47	53	49	40	39	34	33	38	39	36	40	33	35	39	41	36	32	27	30	34	35	53	31	39	37	51	38.8 21.1	
	MIN	29	25	25	22	24	29	21	18	27	21	15	26	28	18	27	15	15	30	27	19	13	9	14	7	24	18	15	24	26		
MCWEAQUA	MAX	46	45	42	48	53	44	39	38	34	34	39	34	36	41	32	38	40	41	38	34	26	33	34	37	61	35	39	38	52	39.7 21.5	
	MIN	39	28	26	22	25	35	22	18	21	22	14	26	30	16	23	11	20	26	31	25	15	5	19	5	25	12	9	28	25		
NEWTON	MAX	50	51	46	50	58	52	45	39	34	35	40	43	40	45	44	39	47	44	40	35	31	32	39	38	56	50	42	39	53	43.3 24.5	
	MIN	31	25	25	22	25	36	26	20	27	27	17	25	32	24	30	30	20	32	32	27	19	14	21	12	26	21	18	22	25		
OLNEY	MAX	53	45	44	51	58	52	38	40	35	35	41	44	45	46	41	42	48	46	40	37	35	35	40	37	58	44	42	43	52	43.7 24.2	
	MIN	30	31	25	21	23	37	26	20	26	28	16	25	32	22	28	26	22	31	32	25	19	12	21	13	27	22	16	19	28		
PALESTINE	MAX	50	49	45	48	57	48	40	39	35	35	41	43	43	46	38	40	48	40	40	37	32	32	39	39	57	41	43	40	54	42.7 23.9	
	MIN	30	23	24	20	22	38	27	19	28	29	16	24	32	26	26	28	22	30	32	26	18	14	20	12	25	22	13	20	25		
PARIS WATERWORKS	MAX	45	45	40	48	56	47	39	38	35	35	40	41	36	41	37	36	41	41	36	34	28	29	34	35	50	35	40	35	52	39.6 22.3	
	MIN	29	25	23	19	25	35	24	17	27	27	14	25	30	25	25	24	15	27	30	25	15	7	20	8	27	19	12	24	23		
SALEM	MAX	51	51	47	51	54	49	40	38	37	35	39	42	39	46	38	37	48	46	40	35	31	34	40	39	58	48	43	41	53	43.1 23.8	
	MIN	28	24	27	23	24	37	25	19	26	25	15	26	32	21	30	29	19	30	32	27	20	12	22	12	28	21	16	18	23		
TUSCOLA	MAX	45	44	39	45	55	50	39	38	35	33	39	36	36	39	35	35	39	42	37	34	29	31	35	35	49	41	39	38	51	39.4 20.4	
	MIN	30	26	25	21	24	32	22	16	23	26	12	25	30	12	26	24	7	27	29	25	14	7	16	7	22	10	11	23	19		
VANOALIA FAA AIRPORT	MAX	49	49	46	51	55	48	32	36	33	32	40	39	36	45	33	38	44	43	37	33	26	37	38	41	57	36	43	40	53	41.0 22.2	
	MIN	27	25	28	23	23	31	23	19	26	23	16	26	30	23	30	10	8	28	31	23	15	11	20	13	27	18	19	22	25		
WINOSOR	MAX																															
SOUTHWEST 08	MIN																															
ANNA 1 E	MAX	53	60	54	56	56	53	39	42	43	43	40	42	44	45	41	40	50	48	39	36	34	35	45	41	58	50	46	43	53	45.8 25.6	
	MIN	31	26	29	24	35	38	27	21	29	28	15	25	32	23	30	30	22	33	32	27	21	14	19	15	24	23	20	27	21		
BELLEVILLE SCOTT AFB	MAX	50	55	47	48	52	50	32	38	40	31	35	38	39	44	34	39	45	47	39	34	30	34	37	40	58	47	41	44	54	42.1 24.3	
	MIN	27	25	29	22	25	32	26	21	26	24	10	26	29	25	31	24	24	31	32	24	19	17	23	17	28	21	15	27	25		
CAIRO WB CITY	MAX	55	60	55	55	57	56	40	45	47	39	42	45	46	48	44	39	51	48	41	39	35	35	46	43	58	47	46	47	54	47.0 30.2	
	MIN	33	31	34	29	40	40	28	25	32	30	24	32	31	28	35	33	30	38	36	29	25	20	25	24	30	28	26	30	31		
CARBONALE SEWAGE PL	MAX	55	62	52	54	56	53	46	43	43	39	40	44	47	47	40	39	50	49	43	38	35	35	46	42	60	50	45	46	55	46.7 25.1	
	MIN	33	22	27	20	28	39	28	23	26	31	16	26	35	22	30	31	23	30	33	25	19	14	22	15	26	25	14	20	24		
CARLYLF	MAX	51	53	49	50	53	55	39	38	38	38	38		40	46	36	38	47	48	38	35	31	41	40	58	40	44	52	54	44.0 23.2		
	MIN	31	23	26	22	25	37	21	21	28	22	12	23		25	30	30	19	30	31	26		14	23	14	29	20	15	15		15	
CARLYLE RESERVOIR	MAX	49	50	53	48	50	54	50	36	40	38	33	36	40	40	47	35	42	47	46	37	38	34	31	42	40	58	37	44	41	42.6 23.4	
	MIN	26	29	30	22	24	31	24	22	25	21	17	20	31	24	27	30	22	25	32	26	19	15	19	14	16	20	18	24	25		
COBOEN 2 S	MAX	54	60	56	55	59	54	51	41	42	41	40	42	45	45	40	41	50	48	44	37	34	36	45	42	57	55	46	44	53	46.8 24.6	
	MIN	30	26	27	22	36	38	26	19	25	28	15	26	34	20	28	31	22	32	32	26	22	10	19	14	24	24	20	20	19		
OU OUDIN 2 S	MAX	51	60	51	54	58	51	45	41	44	37	39	41	46	48	38	40	50	50	43	38	34	38	46	42	58	49	45	44	54	46.0 26.2	
	MIN	31	25	29	25	32	37	29	21	29	30	11	28	36	27	32	31	26	33	33	27	18	15	20	17	28	24	16	23	26		
EAST ST LOUIS PKS COL	MAX																															
MIN																																
MAKANOA 1 NW	MAX	54	60	53	54	55	53	49	42	44	40	39	42	44	46	41	38	49	46	43	36	35	34	45	41	58	54	46	44	54	46.2 25.0	
	MIN	31	31	29	24	36	36	20	18	29	14	20	32	23	31	24	25	32	32	26	20	14	21	16	24	23	20	25	25			
NASHVILLE 3 NW	MAX	50	62	59	55	59	53		39	40	39	34	40	43	45	41	39	48	49	46	37	32	34	43	40	58	50	43	42	53	45.3 25.7	
	MIN	30	26	29	23	27	37	26	23	27	29	4	23	33	24	32	30	28	31	32	27	21	16	25	18	31	22	18	26	28		
NEW BURNS10E	MAX	53	59	52	53	57	48	46	41	42	38	41	42	44	47	42	41	51	47	44	37	34	34	45	42	58	57	46	46	53	46.2 24.0	
	MIN	31	23	26	19	29	39	27	19	25	31	12	23	34	20	27	31	22	31	33	29	15	9	18	12	22	25	14	27	23		
SPARTA	MAX	54	61	53	54	57	52	42	42	42	39	38	39	43	47	45	37	49	50	46	37	34	36	44	43	60	55	45	45	59	46.5 26.6	
	MIN	30	30	28	23	34	37	26	31	30	7	25	33	33	24	32	31	27	33	32	27	16	14	24	17	31	21	20	27	30		
WATERLOO 1 WSW	MAX	53	62	52	53	53	51	41	44	43	37	36	39	42	47	44	41	49	49	43	36	32	38	42	45	60	5					



# SNOWFALL AND SNOW ON GROUND

ILLINOIS  
FEBRUARY 1964

Station	Day of month																																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
NORTHWEST 01																																				
OIXON							T	T		T			3.5	1.3		1.6			T	T		T									0.1					
FREEPORT						0.1	T		T			4.0	2.0	2.2					T	T	T		T	T	T	T	T	T	T	T	T					
GALVA									T				3.3	0.4		1.9			1.3												1.0					
MOLINE WB AIRPORT							T	T		T	T	1.9	0.6	1.5				1.2	T	T	T	T	T	T	T	0.3										
MORRISON												1.5	3.5			1.2																				
NORTHEAST 02																																				
ANTIOCH							T			T		3.0		1.5	2.0						0.5	T	T													
AURORA COLLEGE							T	T		0.1	T	4.7	0.2	0.2	0.6			T																		
CHICAGO WB AIRPORT							T	T		T	T	2.0	0.7	1.6	0.4			0.2	T	0.7	T	0.7		T	0.8											
OTTAWA												2.7	1.3		T					T	T	T									1.5					
PARK FOREST													3	4	2	4						1														
SYCAMORE						T	T	T				T	2.0		1.0							T	T													
WEST 03																																				
LA HARPE							T	T		2.0	T	5.0	T	1.5								T	T	T	T	T	T	T	T	T	T	T	T			
MONMOUTH								T		0.5		2.0	1.0	2.0	1.0			T	1.0	0.5	T										1.0					
QUINCY FAA AIRPORT							T	T		0.1	0.6	0.1		3.8	T	2.3	0.1			0.5	T										1.6					
CENTRAL 04																																				
BLOOMINGTON NORMAL											0.3	0.1	4.6		0.8	2.8			0.8	0.5	0.3										1.5					
OECAUR												4.5	0.6		4.5	1.0																1.5				
LINCOLN											1.0	T		6.6		3.0						T	T	T	T	T	T	T	T	3.9						
PEORIA WB AIRPORT						0.1	T	T		0.1	T	4.0	0.1		0.5	0.1			0.4	T	T	T	T	T	T	0.8	0.1									
EAST 05																																				
HOOPSTON											0.2	T	2.8	0.4	1.0	1.5			T	0.9	T	T		T	T	T	2.6									
KANKAKEE 3 SW							0.2	T		T		3.3	1.0		1.5			0.5	0.1	0.2	0.1			T	T	1.3										
PONTIAC							T			T	T	4.0	0.5		2.0																	2.0				
RANTOUL CHANUTE AFB							T	T		1.2	T	4.0	T		4.0	T			T	T	T	0.2			1.0	1.0										
ROBERTS 3 N											T	0.2	3.0		1.3	1.8				0.8	T	T		T	T	0.3										
WEST SOUTHWEST 06																																				
CARLINVILLE							T	T		0.5	T	0.5	1.0		6.0	1.0			0.5	T	T											1.0				
MORRISONVILLE 4 SE												1.3	1.2		4.1	0.5			T	T	0.5										2.4					
SPRINGFIELD WB AIRPORT							T	T		0.3	0.9	T		5.0	T	4.5			0.3	0.3	T	T		T	1.3	1.0										
WHITE HALL 1 E												0.5	3.0		3.0																	2.5				
EAST SOUTHEAST 07																																				
NEWTON													1.0		2.5						T	T										0.5				
TUSCOLA							T	T		T	1.5		4.0	T		5.0			1.5													3.0				
VANOALIA FAA AIRPORT												0.2	T		5.0	T		T	1.0	T	T											0.4				
SOUTHWEST 08																																				
ANNA 1 E											0.3	3.0									T	0.5														
BELLEVILLE SCOTT AFB												2.4			T					T	T	T	0.1													
CAIRO WB CITY												T	0.2																							

See Reference Notes Following Station Index



# SNOWFALL AND SNOW ON GROUND

ILLINOIS  
FEBRUARY 1964

Continued

Station		Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
SPARTA	SNOWFALL SN ON GND								T	T	6.0					3.0	T			T	T	1.0												T	
SOUTHEAST 09																																			
ALBION	SNOWFALL SN ON GND									T	2.0				1.5					T														0.4	
GOLCONDA OAM 51	SNOWFALL SN ON GND											T	T	T																					
HARRISBURG	SNOWFALL SN ON GND									T	4.0										T	1.0	T												
MOUNT VERNON	SNOWFALL SN ON GND										0.2	0.8																							T

## DAILY SOIL TEMPERATURES

STATION AND DEPTH	TIME	Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
URBANA 4 INCHES	7 AM	32	33	33	34	34	36	37	34	35	35	34	34	34	34	34	34	34	34	34	34	34	34	34	33	33	33	33	33	33	33	33	33	34.0
	MAX MIN	32 32	34 32	33 33	34 33	34 33	37 34	39 36	37 34	35 34	35 34	35 34	34 34	34 34	34 34	34 34	34 34	34 34	34 34	34 34	34 34	34 34	34 34	34 33	33 33	33 33	33 33	33 33	33 33	33 33	33 33	34 33	34.2 33.6	
8 INCHES	7 AM	33	34	34	35	35	36	37	35	35	35	35	35	35	34	34	34	35	35	35	35	35	35	35	34	34	34	34	34	34	34	34	34	34.7
	MAX MIN	33 33	34 33	34 34	35 34	35 35	36 36	37 37	37 35	35 35	35 35	35 35	35 35	35 35	35 34	34 34	34 34	35 35	35 35	35 35	35 35	35 35	35 35	35 35	35 35	35 34	34 34	34 34	34 34	34 34	34 34	34 34	34.8 34.5	

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS 500. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 AM CST	NOON CST	6:00 PM CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
CAIRO W8 CITY	N*	-	8.6	28	SW*	29	-	-	-	-	6	2	5	0	1	0	14	63	5.3
CHICAGO O HARE AIRPORT	21	9	11.0	35++	22	29	77	80	58	66	8	5	2	0	0	0	15	-	5.7
CHICAGO MIDWAY AIRPORT	20	11	11.1	32	SW	29	70	74	60	66	8	6	2	0	0	0	16	57	5.6
MOLINE W8 AIRPORT	31	6	9.9	30	SW	29	79	82	65	70	9	2	3	0	0	0	14	57	5.4
PEORIA W8 AIRPORT	18	13	8.8	26	S	29	82	83	63	72	7	8	1	0	0	0	16	59	5.7
ROCKFORD W8 AIRPORT	21	6	10.2	28++	23	29	78	80	60	67	8	2	2	0	0	0	12	-	5.1
SPRINGFIELD W8 AIRPORT	30	7	11.4	36	S	29	83	83	67	74	9	5	4	0	0	0	18	62	5.3

0: DIRECTIONS ENTERED IN FIGURES ARE TENS OF DEGREES.  
\* TO 8 COMPASS POINTS ONLY

# STATION INDEX

ILLINOIS  
1984

STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER		
							TEMP	PRECIP	EVAP	SPECIAL									TEMP	PRECIP	EVAP	SPECIAL			
ALBION	0059	EDWARDS	7 58 23	88 09	530	6P					H	BESSIE ELLEN	LA SALLE 1 S	4923	LA SALLE	1 41 19	89 06	520	7A			ILL DIV OF WATERWAYS			
ALBION	0072	MERCER	4 13 19	90 45	320	6P						GENE J. BURGESS	LAURENCEVILLE 3 WSW	4959	LAURENCE	1 37 43	87 44	460	6P			PROF. LYLE FINLEY			
ALEXIS DAM WORKS	0082	WARREN	4 41 05	90 54	994	6P						MUNICIPAL WATERWORKS	LINCOLN	5079	LOGAN	1 40 09	89 22	591	7P	7A		H	BILLY LEONARD		
ALTON DAM 26	0157	MADISON	4 58 53	90 11	432	MID	7A					U S CORPS OF ENGINEERS	LOCKPORT POWER HOUSE	5136	WILL	1 41 34	88 05	585					CHICAGO SANITARY DIST		
ANNETTE E	0187	UNION	3 37 28	89 14	645	6P						J. BOB MARTINE	LOUISVILLE	5221	CLAY	1 38 46	88 50	470	6P				JOHN D. BLANK		
ANTIPOCH	0203	LAKE	1 42 29	88 06	800	7P						ROY I. KUFAL	MACKINAW	5272	TAZEWELL	1 40 32	89 22	670	6P				CARLIE H. KULL		
ARNO	0300	HANCOCK	1 40 14	90 50	680	6P						WALTER H. HANCOCK, SR.	HANCOCK	5280	HANCOCK	1 40 28	90 40	702	6P				W. S. NEWELL		
AUGORA COLLEGE	0415	LAKE	4 14 45	88 20	784	7P						AUGORA COL. PHYSICS DEPT	5294	JACKSON	1 37 38	89 18	460	6P					MARION V. HARTLINE		
AVON 5 NE	0556	FULTON	1 40 44	90 22	590	6P						JAMES R MITCHELL	MARENGO	5326	MCHENRY	6 42 15	88 36	825	6P				HAROLD NYDE		
BARRINGTON 1 NW	0442	LAKE	1 42 10	88 09	810	6P						CHICAGO AERIAL LTD	MARIETTA	5334	FULTON	1 40 30	90 24	546	6P				JOSEPH ACE MCCANCE		
BARRY	0445	PIKE	4 39 41	91 03	640	7A						GEORGE E. ORIGER	HARION 2 W	5342	WILLIAMSON	4 37 46	88 55	488	5P				OREL W. TURNER		
BEARDSTON	0492	CASIS	4 30 03	90 26	445	8A						THOMAS E. PHELPS	5344	HARION	1 40 02	88 58	720	6P				LLOYD J. SIMPSON			
BELLEVILLE SCOTT AF BSE	0510	ST CLAIR	2 38 32	89 51	447	MID	M10					U S AIR FORCE	5372	LA SALLE	1 41 20	88 85	466	7A				U S CORPS OF ENGINEERS			
BELVIDERE SEWAGE PLANT	0583	DOONE	6 42 16	88 52	753	6P						CITY OF BELVIDERE	MARSHALL 1 E	5380	CLARK	7 39 25	87 41	570	5P				ERNEST THOMAS PIN		
BENTON 1 NW	0598	HANCOCK	1 40 22	91 08	600	6A						GEORGE E FEONT	MASON CITY	5413	MASON	4 40 12	89 42	525	6P				VICTOR R. RICHARD		
BENTON FOREST SERVICE	0608	FRANKLIN	4 58 02	88 55	445	8A						MAX R CRAIN	HATTON	5450	COLES	7 39 28	88 21	718	M10	M10				GENE FRANCIS	
BLOOMINGTON WATERWORKS	0761	MCLEAN	1 40 30	89 01	775	7A						HENRY	MCHENRY LOCK AND DAM	5495	MCHENRY	1 42 17	88 14	742	6P				EDWARD LEWIS KOCHOWD		
BLOOMINGTON NORMAL	0766	MCLEAN	1 40 30	89 00	810	6P						ILL STATE NORMAL UN1	5515	HAMILTON	4 38 05	88 32	458	6P					M. F. DOGGE		
BLUFFS	0781	STLOUIS	1 39 45	90 32	467	6P						VERNON A. NORTRUP	5539	MACOUPIN	1 39 10	90 08	620	7P					HOMER C. PARKS		
BROOKPORT DAM 52	0993	MASCAS	5 37 28	88 39	300	6P						U S CORPS OF ENGINEERS	HINOK	5712	WOODFORD	1 40 54	89 02	752	7P						
CAIRO NW CITY	1166	ALEXANDER	4 37 00	89 10	314	MID	H10					U S WEATHER BUREAU	HOLLIE WB AIRPORT	5791	ROCK ISLAND	8 41 27	90 51	982	MID	H10					U S WEATHER BUREAU
CANTON	1250	FULTON	1 40 34	90 02	655	6P						ELDRO D. HAMMOND	5798	WARREN	1 38 43	89 38	770	6P					PROF. LYLE FINLEY		
CARBONADE SEWAGE PLANT	1265	JACKSON	4 37 44	89 12	580	6P	7A					HUGH B. BTD	5791	PIATT	1 40 02	88 34	625	5P					LEE F. WEBB		
CARLINSVILLE	1280	MACOUPIN	1 39 17	89 52	625	6P	7A					JACK A CAMPBELL	5820	GRUNDY	1 41 21	88 26	520	7A					PHILLIP C. COLLINS		
CARLE	1288	CLINTON	2 38 34	89 22	461	6P	7A					NORRIS 5 N	5825	GRUNDY	1 41 27	88 24	600	6P					W. R. GIFFIN		
CARLYLE RESERVOIR	1290	CLINTON	2 38 38	89 20	501	8A	8A					U S CORPS OF ENGINEERS	5833	WHITESIDE	6 41 49	89 58	638	5P					CITY OF MORRISON		
CARME 6 NW	1294	WARREN	1 40 18	89 58	592	6P						MORRISONVILLE	5841	CHRISTIAN	1 39 25	89 28	604	5P					MRS DOROTHY A BULLARD		
CENTRALIA 2 NE	1386	WARREN	2 38 33	89 07	496	6P						HUBERT BONLEBER	5846	CHRISTIAN	1 39 23	89 24	615	7P	7P				ETHEL M. WATSON		
CHANNAMON DRESDEN ISL	1420	GRUNDY	1 41 24	88 17	505	7A						U S CORPS OF ENGINEERS	5841	CHRISTIAN	1 39 25	89 28	604	5P					MRS DOROTHY A BULLARD		
CHANNAMON DRESDEN ISL	1420	GRUNDY	1 41 24	88 17	505	7A						U S CORPS OF ENGINEERS	5841	CHRISTIAN	1 39 25	89 28	604	5P					MRS DOROTHY A BULLARD		
CHENOA	1475	CLAY	1 40 44	88 44	710	5P						C. MELE PARRY	MOUNT CARMEL	5901	CLAY	4 42 05	88 81	817	6P					ETHEL M. WATSON	
CHESTER	1491	BRANSON	1 37 54	89 50	440	5P						ROBERT M. PARRIS	MOUNT CARMEL	5901	CLAY	4 42 05	88 81	817	6P					ETHEL M. WATSON	
CHICAGO CALUMET TR WKS	1522	COOK	5 41 40	87 56	593	6P						CHICAGO SANITARY DIST	MOUNT STERLING	5935	BROWN	1 39 59	90 46	711	5P					ALMA L. RENAKER	
CHICAGO LARUE WKS	1532	COOK	5 41 47	87 40	693	6P						CITY ENGINEER	5943	JEFFERSON	1 39 23	89 40	674	6P					JOHN A. BEEL		
CHICAGO LYOLA UNIV	1532	COOK	5 41 47	87 40	693	6P						CHICAGO SANITARY DIST	5950	SHELBY	2 39 38	89 02	615	6P					HALMON BOHLEN		
CHICAGO MAYFAIR PMP STA	1542	COOK	5 41 58	87 45	647	6P						CITY ENGR WATER PURIF	5983	JACKSON	4 57 46	89 19	420	6P					MURPHYSBORO WATER CO		
CHICAGO N BR PUMP STA	1542	COOK	5 41 58	87 45	647	6P						CHICAGO SANITARY DIST	5983	JACKSON	4 57 46	89 19	420	6P					MURPHYSBORO WATER CO		
CHICAGO O HARE AIRPORT	1549	COOK	5 41 59	87 54	658	MID	H10					U S WEATHER BUREAU	6059	KENDALL	1 41 33	88 26	670	7A					CORLEY HILLIARD		
CHICAGO ROSELAND PMP	1552	COOK	5 41 42	87 38	659	6P						CITY ENGR WATER PURIF	6050	MERCER	4 41 11	91 03	544	6P					U S CORPS OF ENGINEERS		
CHICAGO RACINE PUMP	1552	COOK	5 41 42	87 38	659	6P						CHICAGO SANITARY DIST	6050	MERCER	4 41 11	91 03	544	6P					U S CORPS OF ENGINEERS		
CHICAGO SAN DIST OFFICE	1562	COOK	5 41 42	87 38	659	6P						CHICAGO SANITARY DIST	6050	MERCER	4 41 11	91 03	544	6P					U S CORPS OF ENGINEERS		
CHICAGO S FILTER PLANT	1562	COOK	5 41 42	87 38	659	6P						CHICAGO SANITARY DIST	6050	MERCER	4 41 11	91 03	544	6P					U S CORPS OF ENGINEERS		
CHGO SPRINGFIELD PMP	1567	COOK	5 41 55	87 44	630	6P						CITY ENGR WATER PURIF	6159	JASPER	7 39 00	88 10	513	6P					GEORGE H. PAYNE		
CHICAGO UNIVERSITY	1572	COOK	5 41 47	87 38	594	MID	H10					NEWTON	6446	RICHLAND	7 38 44	88 06	450	6P					RADIO STATION WJLN		
CHICAGO WB AIRPORT	1577	COOK	5 41 47	87 45	610	MID	H10					CITY ENGR WATER PURIF	6490	OGLE	6 42 00	89 20	690	6P					CANNATION COMPANY		
CHICAGO WB CITY	1582	COOK	5 41 53	87 38	594	MID	H10					U S WEATHER BUREAU	6524	SALLE	1 41 22	89 40	674	6P					JOHN A. BEEL		
CHICKADEE	1582	COOK	5 41 53	87 38	594	MID	H10					U S WEATHER BUREAU	6524	SALLE	1 41 22	89 40	674	6P					JOHN A. BEEL		
CHICKADEE	1582	COOK	5 41 53	87 38	594	MID	H10					U S WEATHER BUREAU	6524	SALLE	1 41 22	89 40	674	6P					JOHN A. BEEL		
CHICKADEE	1582	COOK	5 41 53	87 38	594	MID	H10					U S WEATHER BUREAU	6524	SALLE	1 41 22	89 40	674	6P					JOHN A. BEEL		
CHICKADEE	1582	COOK	5 41 53	87 38	594	MID	H10					U S WEATHER BUREAU	6524	SALLE	1 41 22	89 40	674	6P					JOHN A. BEEL		
CHICKADEE	1582	COOK	5 41 53	87 38	594	MID	H10					U S WEATHER BUREAU	6524	SALLE	1 41 22	89 40	674	6P					JOHN A. BEEL		
CHICKADEE	1582	COOK	5 41 53	87 38	594	MID	H10					U S WEATHER BUREAU	6524	SALLE	1 41 22	89 40	674	6P					JOHN A. BEEL		
CHICKADEE	1582	COOK	5 41 53	87 38	594	MID	H10					U S WEATHER BUREAU	6524	SALLE	1 41 22	89 40	674	6P					JOHN A. BEEL		
CHICKADEE	1582	COOK	5 41 53	87 38	594	MID	H10					U S WEATHER BUREAU	6524	SALLE	1 41 22	89 40	674	6P					JOHN A. BEEL		
CHICKADEE	1582	COOK	5 41 53	87 38	594	MID	H10					U S WEATHER BUREAU	6524	SALLE	1 41 22	89 40	674	6P					JOHN A. BEEL		
CHICKADEE	1582	COOK	5 41 53	87 38	594	MID	H10					U S WEATHER BUREAU	6524	SALLE	1 41 22	89 40	674	6P					JOHN A. BEEL		
CHICKADEE	1582	COOK	5 41 53	87 38	594	MID	H10					U S WEATHER BUREAU	6524	SALLE	1 41 22	89 40	674	6P							

REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, 61824 or to any Weather Bureau Office near you.

Figure and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sum of the negative departures of average daily temperature from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent value published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Monthly Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instrument.

\* Amount included in following measurement, time distribution unknown.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate, but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

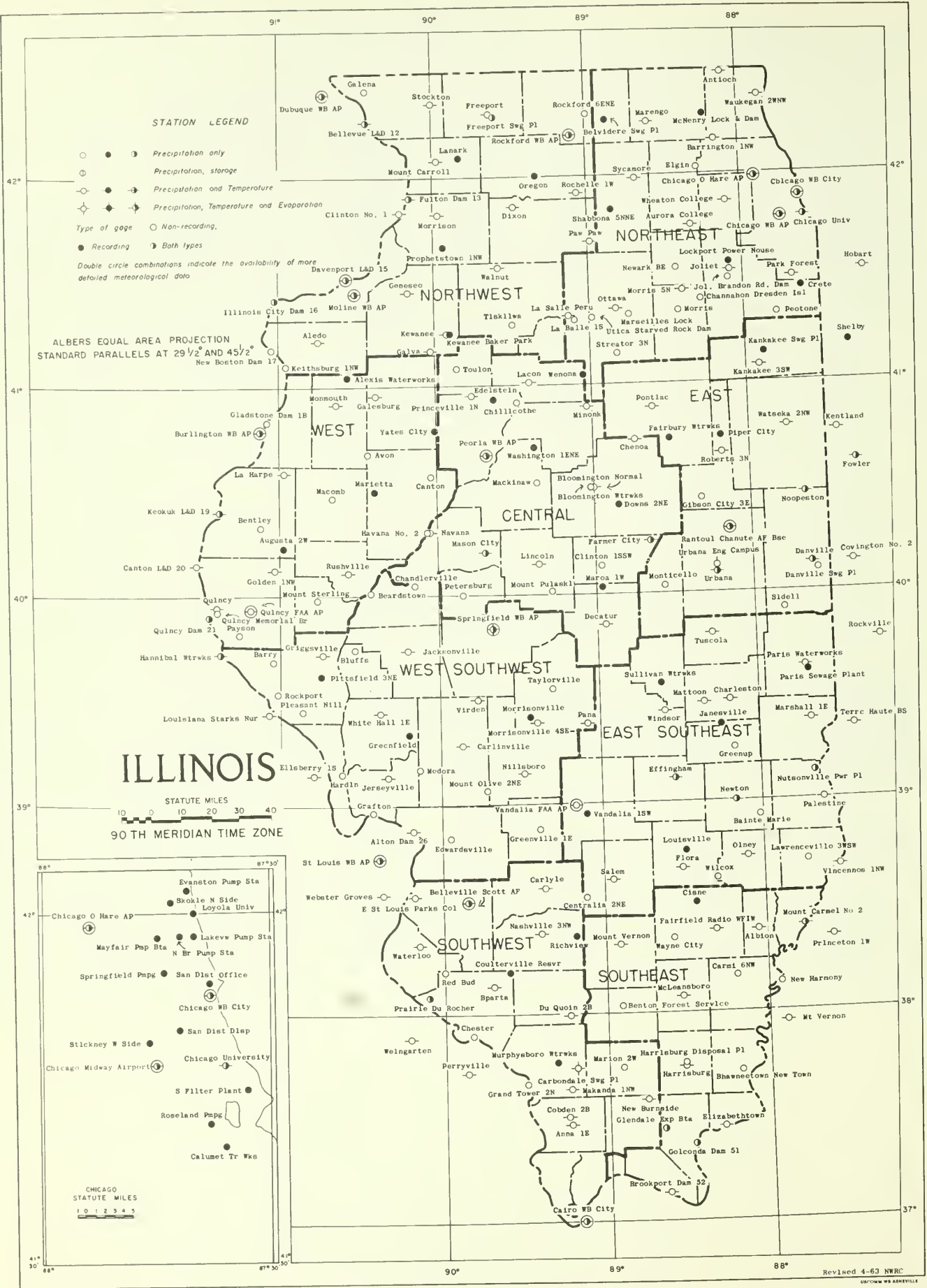
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCDMM-WB-Asheville, N. C. -4/24/64- 900





**STATION LEGEND**

- ● ● Precipitation only
- ● ● Precipitation, storage
- ● ● Precipitation and Temperature
- ● ● Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording,
- Recording ● Both types

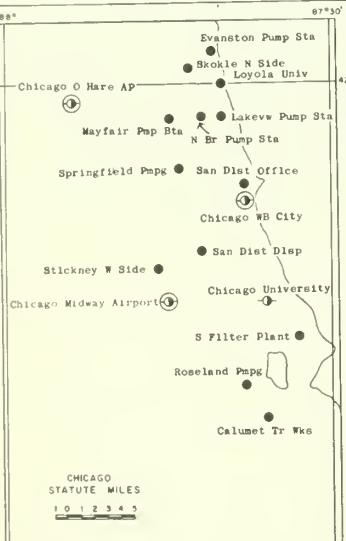
Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°  
New Boston Dam 17

**ILLINOIS**

STATUTE MILES  
10 0 10 20 30 40

90° TH MERIDIAN TIME ZONE



CHICAGO  
STATUTE MILES  
1 0 1 2 3 4 5







12711. 6713  
U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS



MARCH 1964

Volume 69 No. 3



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 75° on the 25+ at 3 stations

Lowest Temperature: 2° on the 30th at Chicago O Hare Airport

Greatest Total Precipitation: 16.17 inches at Elizabethtown

Least Total Precipitation: 1.76 inches at Illinois City Dam 16

Greatest One-Day Precipitation: 6.19 inches on the 4th at Elizabethtown

Greatest Reported Total Snowfall: 22.7 inches at Freeport and Rockford WB Airport

Greatest Reported Depth of Snow on Ground: 12 inches on the 28th at Marengo

SPECIAL WEATHER SUMMARY

Illinois precipitation was above normal over the State, one of the few times this has happened since the prolonged below-normal moisture regime began in the fall of 1962. Rainfall was heaviest in southern Illinois and much local flooding resulted. Elizabethtown had more precipitation during one six-day period than during the previous eight months, and more during the month of March than during the previous nine months.

The nearly 23 inches of snow at Rockford and Freeport was more than three times their March normal and very close to the record for March snowfall.

Temperatures averaged 1° to 2° below normal in the north and central and near normal in the south.

Trees and wires were heavily glazed and highway bridges became slick as sleet and freezing rain accumulated during the evening of the 24th and early morning of the 25th.

Utility lines were heavily damaged by weight of the glaze and by falling limbs. Much of northwest Illinois was hit, but the greatest damage was reported in Hancock, McDonough, Warren, and Henderson Counties.

Tornadoes occurred on the 8th and 25th.

For additional data on severe storms see STORM DATA publication for March 1964.

William L. Denmark  
Weather Bureau State Climatologist  
P. O. Box 143, Station "A"  
Champaign, Illinois 61824





# CLIMATOLOGICAL DATA

ILLINOIS  
MARCH 1964

Continued

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										30° or Above	32° or Above	32° or Below	30° or Below										
WEST SOUTHWEST 06																							
ALTON OAM 26	50.4	31.5	41.0		70	24	15	26	739	0	1	16	0	4.07		1.05	9	6.0	6	10	8	3	1
CARLINVILLE	52.8	30.5	41.7	- .4	69	16	16	27*	717	0	0	20	0	4.11	.96	1.41	25	5.0	5	10	9	3	1
GRIGGSVILLE	51.2 <sup>M</sup>	29.1 <sup>M</sup>	40.2 <sup>M</sup>	- 1.1	71	13	13	26	760	0	1	22	0	4.28		1.51	5	9.5	7	5	8	3	1
HILLSBORO	53.1	30.9	42.0	- .8	70	24*	17	27	706	0	0	19	0	3.60	.43	.95	9	5.0	5	10	7	4	0
JACKSONVILLE	49.4	30.1	39.8	- 1.5	67	13	16	26	776	0	0	23	0	4.07	1.32	1.73	25	T	0	0	8	3	1
JERSEYVILLE																							
MORRISONVILLE 4 SE	54.0	31.1	42.6		71	14*	16	26	688	0	0	20	0	3.48		.95	5	7.1	5	10	7	3	0
PANA	51.2	30.6	40.9	- .4	69	24	18	30*	740	0	0	19	0	3.66	.95	1.18	8	2.5	T	10	6	3	2
SPRINGFIELD WB AIRPORT R	51.6	30.8	41.2	- .6	68	24*	18	27*	730	0	0	20	0	4.36	1.43	1.12	8	1.0	T	29*	9	4	1
VIRGEN	47.4	29.1	38.3	- 1.9	66	13	17	30	822	0	1	23	0	4.00	1.12	1.67	25	6.3	3	12*	10	2	1
WHITE HALL 1 E																							
	51.9	30.4	41.2	- 1.0	70	14	15	26	732	0	1	20	0	3.41	.75	1.14	25	2.0	2	5	7	3	1
DIVISION																							
			40.9	- .9										3.94	.96			4.4					
EAST SOUTHEAST 07																							
CHARLESTON	51.6	31.5	41.6		70	24	17	18	716	0	0	16	0	5.54	2.20	1.91	9	7.4	3	10	9	4	1
EFFINGHAM	50.7	30.9	40.8	- .8	73	25	19	30*	742	0	1	19	0	4.10	.62	1.12	10	5.3	5	10	9	3	1
FLORA 2 NW	55.2	32.3	43.8	- .2	73	24	19	30	650	0	0	17	0	6.65		2.84	9	2.9	0	0	7	6	2
MARSHALL 1 E	54.1	29.7	41.9		70	24	16	18	707	0	0	21	0	5.18		1.00	10	5.5	2	10	9	4	1
MATTOON	49.2	28.7	39.0		70	24	17	18	800	0	1	23	0	5.41		3.02	8	4.0	4	9	8	2	1
MOWAQUA																							
NEWTON	51.2	29.0	40.1		68	24*	12	30	765	0	0	23	0	5.02		1.32	25	6.5	1	12*	11	4	2
OLNEY	55.2	32.1	43.7		72	24	19	30*	654	0	0	17	0	5.77		1.81	9	3.0	T	10	6	5	2
PALESTINE	55.8	32.5	44.2	.1	73	24	19	30*	641	0	0	16	0	7.07		2.99	9	2.0	0	0	6	5	3
PARIS WATERWORKS	54.3	31.9	43.1	.0	75	24	18	27	670	0	0	18	0	6.85	3.32	2.28	9	3.6	T	29*	10	4	3
SALEM	51.6	30.8	41.2	.4	71	24	17	30*	729	0	0	19	0	6.92	3.68	2.36	8	5.5	0	0	7	6	3
TUSCOLA																							
VANDALIA FAA AIRPORT	55.0	32.2	43.6		73	24	19	30	655	0	0	17	0	6.48	3.03	2.75	9	3.0	1	10	7	6	1
WINDSOR	51.2	29.2	40.2		69	24	11	30	762	0	0	20	0	4.51	1.16	1.07	10	9.0	5	10	9	4	1
DIVISION																							
			41.8	- .4										5.59	2.16			4.9					
SOUTHWEST 08																							
ANNA 1 E	57.5	34.7	46.1	.0	72	25	18	30	578	0	0	12	0	11.20	6.41	5.40	9	1.0	T	10	9	3	3
BELLEVILLE SCOTT AFB	51.6	31.0	41.3		71	24	18	26	727	0	0	20	0	2.83		1.07	9	5.8	5	9	6	2	1
CAIRO WB CITY	58.1	38.7	48.4	.2	74	14	22	30	506	0	0	4	0	12.67	7.88	4.44	9	T	T	21+	8	3	3
CARBONDALE SEWAGE PL	58.8	35.2	47.0	.8	72	24	18	30	550	0	0	13	0	9.52	5.33	3.34	9	T	T	10	9	5	3
CARLYLE																							
CARLYLE RESERVOIR	52.1	31.9	42.0		72	25	18	26	707	0	0	17	0	4.29		1.95	9	6.0	0	0	5	3	1
COBDEN 2 S	58.3	34.7	46.5		70	25*	17	30	565	0	0	14	0	11.52		5.17	9	.0	0	0	9	5	3
OU QUOIN 2 S	57.4	35.5	46.5	.9	72	24	19	30	571	0	0	10	0	8.15	4.36	3.30	9	1.0	0	0	9	5	3
EAST ST LOUIS PKS COL																							
MAKANOA 1 NW	58.3	33.2	45.8		70	25*	17	30	590	0	0	16	0	11.55		5.17	9	T	0	0	9	5	4
NASHVILLE 3 NW																							
NEW BURNSIDE	56.2	33.2	44.7		72	24	20	30*	621	0	0	13	0	7.11	3.77	2.12	9	4.0	0	0	8	5	2
SPARTA	59.0 <sup>M</sup>	34.8 <sup>M</sup>	46.9 <sup>M</sup>	- .9	73	25	18	30	553	0	0	13	0	10.72	6.04	5.37	9	.6	0	0	8	4	2
WATERLOO 1 WSW	56.4	34.5	45.5	- .3	73	24*	18	30*	601	0	0	10	0	6.15	2.75	2.72	9	4.0	2	10	8	4	1
DIVISION																							
			45.5	- .1										8.44	4.34			2.5					
SOUTHEAST 09																							
ALBION	57.1	34.5	45.8		74	24	18	30	585	0	0	12	0	9.54		3.81	9	1.0	0	0	7	6	4
BROCKPORT OAM 52																							
ELIZABETHTOWN	59.0	35.0	47.0		75	14	16	30	551	0	0	13	0	16.17		6.19	4	T	0	0	9	4	4
FAIRFIELD RADIO WFIW	55.8	33.5	44.7	- .1	73	24	18	27	623	0	0	16	0	8.26		3.26	9	.5	0	0	7	5	3
HARRISBURG	60.5	36.4	48.5	1.7	75	25	19	30	510	0	0	11	0	13.05	8.72	5.53	9	T	0	0	10	4	3
MCLEANSBORO																							
MOUNT CARMEL	56.9	34.3	45.6	- .1	73	24	19	30	595	0	0	15	0	9.11	5.24	4.32	9	.5	0	0	8	4	3
MOUNT VERNON	53.9 <sup>M</sup>	32.3	43.1 <sup>M</sup>	.6	71	25	20	30*	665	0	0	19	0	10.23		4.58	9	T	0	0	9	5	3
DIVISION																							
			45.7	.2										10.53	6.29			.6					

See Reference Notes Following Station Index







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Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																
ALEDO	MAX 54	60	58	52	36	50	48	38	36	40	42	40	63	60	56	58	39	40	41	40	38	39	59	55	32	30	41	37	28	36	42	44.8
	MIN 35	31	35	36	23	20	21	49	30	24	26	30	31	39	30	38	20	13	28	27	24	29	30	28	24	12	15	24	13	13	27	26.0
DIXON	MAX 52	56	49	49	40	47	49	39	36	38	43	50	58	56	54	60	40	40	42	38	42	42	55	52	33	28	40	37	28	33	38	44.0
	MIN 33	31	36	40	23	19	25	29	29	24	22	31	30	42	27	35	24	13	24	29	25	21	27	29	25	15	23	13	17	12	26	25.8
FREERCPT	MAX 50	58	48	48	35	47	43	39	35	35	41	47	56	53	53	57	36	38	44	35	39	41	54	51	32	28	34	33	26	32	35	42.0
	MIN 34	34	38	34	21	20	26	28	28	22	24	32	29	40	29	32	17	11	25	28	23	17	26	29	23	12	9	19	15	7	23	24.4
FULTON OAM 13	MAX 51	59	50	50	36	47	47	39	35	38	43	47	59	58	52	54	36	38	41	38	37	42	56	55	33	28	40	36	28	33	35	43.3
	MIN 35	31	34	34	26	19	23	29	29	26	25	26	30	40	30	35	21	14	26	28	27	22	28	29	26	14	12	24	15	14	27	25.8
GALVA	MAX 52	55	55	53	39	52	49	39	36	39	42	36	61	60	56	61	42	39	41	40	41	42	58	54	33	30	42	36	28	35	42	44.8
	MIN 34	31	42	38	24	16	21	32	30	24	23	26	30	41	28	35	23	13	26	29	25	22	28	30	29	14	14	25	16	11	26	26.0
GENESEO	MAX 53	59	54	51	39	48	48	37	35	39	42	43	61	58	55	58	39	39	41	41	39	41	58	54	32	30	43	39	29	35	42	44.6
	MIN 35	34	42	39	24	21	22	30	30	25	21	31	30	40	30	34	22	13	26	29	25	22	27	29	28	15	14	25	15	13	28	26.4
HENNEPIN POWER PLANT	MAX 52	55	52	51	48	59	59	43	38	40	43	43	62	61	56	63	47	40	44	43	39	44	58	57	36	33	43	42	30	35	40	47.0
	MIN 35	26	42	40	27	21	26	32	31	27	20	29	30	45	26	29	25	14	25	29	27	22	24	32	31	17	16	27	17	15	29	27.0
KEWANEE	MAX 52	56	55	52	46	52	50	40	36	39	42	41	61	60	55	60	45	40	42	40	40	42	58	54	33	30	43	42	37	36	41	45.8
	MIN 33	33	43	44	25	20	22	32	30	25	25	27	30	41	32	38	23	14	25	28	25	27	28	30	29	15	16	24	15	13	27	27.1
MCLINE WB AIRPORT	MAX 55	60	56	50	32	50	38	37	35	40	42	45	62	55	55	57	31	40	41	36	36	38	59	47	31	25	41	34	29	35	40	45.0
	MIN 36	32	41	32	22	22	23	32	29	26	26	32	34	30	30	29	21	15	28	30	26	21	28	29	22	14	13	21	14	13	27	23.7
MORRISON	MAX 54	57	56	50	43	45	47	39	36	39	42	48	58	59	56	57	48	38	42	41	40	42	57	56	32	31	40	39	29	33	38	44.9
	MIN 34	27	34	43	24	13	22	29	29	19	22	32	31	41	27	34	20	12	24	28	25	19	26	28	28	12	10	23	15	12	21	24.6
MCUNT CARROLL	MAX 50	58	52	48	37	45	48	40	35	37	42	47	57	58	53	57	40	37	41	38	38	40	55	54	33	28	36	35	26	32	37	43.0
	MIN 34	30	37	36	23	18	24	25	28	23	23	33	30	40	28	34	19	11	25	28	25	19	27	28	27	14	10	21	16	10	26	24.9
RAW PAW	MAX 45	49	46	47	49	32	52	38	37	35	35	43	48	57	48	52	62	29	36	40	32	36	41	54	40	34	25	31	21	26	32	40.9
	MIN 23	30	33	24	22	18	24	24	27	22	22	22	32	34	26	31	20	8	10	21	23	20	22	26	28	14	11	24	15	11	18	22.1
ROCHELLE 1 W	MAX 50	49	52	48	49	32	46	42	38	33	35	42	49	56	56	52	59	27	31	42	32	36	41	53	38	33	27	37	41	24	31	41.3
	MIN 20	28	36	39	21	18	22	26	28	24	25	30	29	30	26	33	19	11	17	28	23	18	27	30	29	13	10	19	16	6	17	23.2
ROCKFORD WB AIRPORT	MAX 48	55	47	49	31	45	37	38	33	37	41	48	57	52	52	59	33	37	44	34	38	40	53	46	33	27	37	34	26	30	34	41.1
	MIN 33	28	38	31	15	15	28	30	28	24	23	30	31	30	26	25	15	13	25	29	27	19	26	32	18	15	11	15	15	10	20	23.4
STOCKTON	MAX 52	58	48	47	35	45	40	35	34	35	42	48	54	52	51	52	35	39	40	34	38	41	52	51	31	33	37	30	26	29	36	41.0
	MIN 32	32	36	33	23	18	28	27	25	20	26	28	28	37	26	34	15	11	23	26	23	23	25	26	22	8	11	20	13	6	22	23.3
TISKILWA	MAX 53	55	54	51	49	58	55	42	35	40	43	43	62	58	56	63	42	40	43	43	40	43	58	54	35	32	45	43	30	35	40	46.5
	MIN 35	28	43	42	26	17	25	32	31	26	22	27	32	44	26	30	24	13	26	29	26	21	26	32	31	17	17	27	17	15	28	26.9
WALNUT	MAX 53	55	50	51	38	51	48	37	36	39	43	45	60	59	55	60	38	38	42	37	39	42	56	52	32	28	38	25	34	40	44.0	
	MIN 35	33	41	38	23	29	23	30	29	24	23	30	29	42	39	37	22	10	24	29	23	22	26	20	28	14	24	15	11	25	26.6	
NORTHEAST 02																																
ANTIOCH	MAX 50	59	48	49	37	50	44	38	35	39	42	51	58	57	52	63	43	40	42	37	42	45	55	50	33	29	33	33	32	34	36	43.7
	MIN 34	32	35	36	22	20	32	28	28	27	22	29	30	35	28	31	15	10	20	26	28	23	23	32	26	17	12	22	15	11	24	24.9
AURORA COLLEGE	MAX 49	51	50	51	46	55	51	49	36	40	44	50	58	55	54	64	42	39	44	39	40	45	55	50	37	30	38	38	31	33	36	45.2
	MIN 33	30	40	42	20	22	29	31	30	29	23	30	32	31	24	33	16	11	23	29	29	24	28	34	30	17	13	22	16	8	24	25.9
BARRINGTON 1 NW	MAX 50	53	50	49	48	51	51	39	36	37	41	51	57	57	51	63	55	36	39	36	38	40	52	53	35	31	31	34	27	32	33	43.7
	MIN 32	29	35	36	21	20	29	28	27	26	18	29	31	45	31	28	18	7	20	26	27	16	24	32	28	15	10	24	18	17	22	24.8
CHICAGO O HARE AIRPORT	MAX 49	52	49	51	34	55	45	39	36	38	43	50	59	59	54	66	31	37	40	37	39	39	55	50	35	25	36	34	28	31	35	42.9
	MIN 34	30	38	34	26	22	31	32	32	22	20	32	31	33	28	27	14	9	24	29	25	20	26	34	22	18	14	18	14	2	19	24.5
CHICAGO UNIVERSITY	MAX 49	52	51	54	37	56	50	39	36	37	44	46	59	59	52	64	33	30	40	37	39	37	56	51	37	28	40	37	30	33	35	43.5
	MIN 34	37	38	34	27	27	32	32	32	29	28	31	32	38	33	32	17	16	28	28	32	31	32	35	25	20	19	21	20	15	28	28.5
CHICAGO WB AIRPORT	MAX 49	52	51	55	36	57	51	42	35	40	44	49	59	54	55	67	33	34	42	37	39	41	57	51	38	28	38	36	29	30	35	44.2
	MIN 33	33	41	35	26	25	31	32	32	29	27	32	32	34	28	31	16	13	27	29	32	29	31	36	27	19	18	21	18	12	27	27.6
CHICAGO WB CITY	MAX 51	53	53	55	52	57	55	44	40	40	45	49	60	59	55	66	55	40	45	40	41	44	66	55	42	36	41	40	28	39	45	48.1
	MIN 34	33	45	44	28	26	29	33	32	32	24	31	31	45	29	36	25	16	23	29	30	26	27	38	35	19	18	28	12	10	28	28.9
MARENGO	MAX 50	57	47	48	43	50	48	40	35	36	43	51	59	55	52	61	39	35	41	35	40	43	53	5								

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Station	Day Of Month																															Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MCNMOUTH	MAX	56	58	58	53	38	51	47	39	35	42	41	34	64	59	58	62	42	40	42	40	40	38	60	55	32	31	44	37	29	36	44	45.3	
	MIN	34	32	39	38	23	19	22	30	30	24	25	26	31	39	31	38	28	13	28	30	25	30	28	29	28	12	15	25	17	12	25	26.6	
QUINCY	MAX	62	67	68	57	37	66	57	45	37	45	40	50	70	67	62	62	49	46	44	36	37	47	63	59	32	27	45	40	35	40	54	49.9	
	MIN	39	38	46	36	24	29	27	35	31	25	30	28	39	45	34	42	34	20	34	32	28	34	35	32	25	12	20	30	23	17	30	30.8	
QUINCY FAA AIRPORT	MAX	57	65	65	49	32	58	35	44	35	41	37	47	69	59	56	61	40	44	42	34	37	47	61	49	32	24	43	37	32	35	51	45.7	
	MIN	37	33	43	32	23	27	25	33	31	25	28	28	37	33	30	32	25	20	32	30	27	31	32	31	38	12	19	25	19	16	28	27.8	
RUSHVILLE	MAX	60	64	64	55	40	60	59			46	39	39	67	63	60	64	41	45	42	41	38	47	46	41	36	30	34	36	31	41	48	47.5	
	MIN	34	32	42	32	25	27	35			26	26	27	33	41	28	40	28	16	30	30	30	27	30	30	30	13	15	30	21	15	23	28.1	
CENTRAL 04																																		
BLOOMINGTON NORMAL	MAX	53	55	55	54	53	60	60	50	46	40	40	38	60	59	56	64	62	40	43	41	39	41	56	56	55	37	42	35	35	34	42	48.4	
	MIN	34	34	45	45	29	27	27	34	33	29	29	22	60	45	32	60	40	14	26	31	28	27	33	40	33	18	18	28	19	14	28	29.7	
CHENOA	MAX	53	55	50	55	54	58	51	48	47	40	38	40	60	57	55	65	47	40	44	40	39	40	55									41	48.8
	MIN	33	32	42	43	29	25	26	33	31	27	24	24	30	38	28	33	27	12	23	28	28	25											28.3
DECATUR	MAX	59	58	57	56	47	62	57	54	52	42	37	36	65	61	58	65	40	43	43	45	45	46	60	67	54	38	42	38	38	38	49	50.1	
	MIN	35	33	46	47	30	25	29	36	32	26	24	26	32	43	27	35	29	16	29	32	30	34	33	43	35	18	18	31	20	16	27	30.2	
FARMER CITY	MAX	56	55	55	53	52	59	53	52	51	40	40	36	61	58		65	52	41	43	41	40		57	63	60		42	40	35	37	43	49.3	
	MIN	33	31	43	43	28	25	28	35	31	26	25	22	29	44	26		27	13	25	31	29		24	39		18	16	29	16	13	26	27.7	
HAVANA	MAX	57	64	62	57	46	63	62	48	45	43	41	35	67	63	59	64	50	43	44	43	41	42	61	58	40	35	44	48	36	40	47	49.9	
	MIN	34	28	42	43	27	22	26	35	33	28	23	26	32	44	25	36	28	16	29	32	28		32	28	37	32	16	17	29	19	22	25	28.8
LACON	MAX																																	
LINCOLN	MAX	58	58	57	58	42	62		51	47	45	40	36	65	59	60	66	40	42	43	37	45	43	60	60	40	32	44	40	37	39	44	48.3	
	MIN	34	33	45	42	29	26	31	36	27	28	26	25	31	39	28	35	28	16	29	29	29	28	29	36	31	17	17	28	19	14	28	28.8	
MASON CITY	MAX	55	58	57	52	52	60	53	49	45	42	41	38	65	60	58	63	53	42	43	41	40	42	60	58	46	44	40	38	35	37	46	48.8	
	MIN	35	32	43	43	28	24	25	36	33	28	26	26	34	39	29	36	28	15	29	32	27	32	30	39	38	22	17	26	15	15	26	29.3	
MINONK	MAX	54	56	53	54	50	59	50	51	44	44	41	40	61	57	58	66	42	41	44	41	39	43	58	52	35	31	44	39	32	37	44	47.1	
	MIN	33	32	41	41	27	25	26	32	30	27	24	27	30	43	27	34	27	12	24	29	28	23	27	34	31	18	15	27	17	14	27	27.5	
PEORIA WB AIRPORT	MAX	53	58	56	51	34	59	42	47	35	42	40	34	64	58	57	64	37	40	43	38	41	42	60	52	37	26	44	38	31	37	44	45.3	
	MIN	34	30	44	34	25	25	25	35	32	27	24	22	34	34	26	26	20	15	30	30	28	25	32	33	25	17	16	21	18	15	26	26.7	
PRINCEVILLE 1 N	MAX	53	58	56	52	48	57	54	43	37	38	40	36	62	60	56	63	56	38	42	40	38	42	58	55	35	33	43	35	30	35	46.5		
	MIN	32	34	43	45	25	22	28	34	32	26	25	25	29	28	30	34	28	12	29	31	26	28	29	32	30	15	18	28	18	14		27.7	
EAST 05																																		
OANVILLE	MAX	57	55	56	56	58	59	56	54	57	41	40	39	61	60	58	68	59	41	45	44	41	47	58	68	63	48	45	42	39	36	42	51.4	
	MIN	34	25	45	47	32	21	31	38	34	28	20	27	30	49	22	28	26	15	23	32	31	22	25	47	37	22	18	33	18	18	29	29.3	
HOOPESTON	MAX	53	52	54	54	56	55	51	53	55	37	39	38	59	57	55	66	52	39	44	40	36	44	55	65	54	44	41	39	33	32	40	48.1	
	MIN	33	32	42	45	29	25	30	35	32	28	24	27	28	41	30	36	27	12	24	29	29	23	28	42	35	20	18	30	18	16	28	29.0	
KANKAKEE 3 SW	MAX																																	
PONTIAC	MAX	54	55	55	54	53	58	57	46	47	42	40	41	60	60	58	66	55	41	44	43	41	40	57	55	49	35	43	41	35	36	44	48.5	
	MIN	34	30	40	44	27	25	28	34	32	31	26	27	30	47	30	32	30	14	25	30	29	23	27	40	33	20	18	30	20	15	28	29.0	
RANTOLL CHANUTE AFB	MAX	52	54	50	53	38	56	40	56	37	36	36	29	52	55	55	65	36	37	43	36	39	41	50	63	45	34	39	27	33	32	39	44.4	
	MIN	33	34	41	38	26	27	30	37	32	30	26	26	39	35	28	32	20	15	25	32	30	27	29	43	34	21	17	25	19	17	27	28.7	
ROBERTS 3 N	MAX	52	53	51	54	54	55	53	48	50	37	40	59	59	56	52	64	47	40	44	41	40	44	55	57	46	48	42	39	33	34	40	48.0	
	MIN	34	31	40	45	31	24	28	35	32	31	26	26	33	38	28	38	26	11	23	28	31	24	26	40	34	24	17	30	20	16	33	29.1	
URBANA	MAX	55	56	52	57	37	57	50	57	43	40	38	36	60	55	55	64	40	41	44	40	40	44	57	65	44	29	42	38	36	35	43	46.8	
	MIN	33	35	42	36	27	27	31	37	32	30	26	26	30	37	33	33	22	16	26	32	30	28	32	43	29	21	19	25	20	18	27	29.1	
WATSEKA 2 NW	MAX	51	53	54	54	53	59	55	49	48	39	42	41	61	59	53	66	58	40	45	42	38	44	55	60	54	38	44	42	33	33	48.8		
	MIN	32	30	42	46	29	24	29	34	31	28	23	27	30	37	25	32	25	13	23	29	30	22	27	40	35	20	18	29	18	18		28.2	
WEST SOUTHWEST 06																																		
ALTON HAM 26	MAX	60	62	60	56	39	64	48	54	40	38	40	47	69	61	58	64	49	45	44	48	40	49	63	70	42	31	45	42	39	39	55	50.4	
	MIN	37	37	46	33	29	30	34	38	30	28	28	31	36	40	37	35	30	24	33	33	32	35	38	40	23	15	23	31	22	20	31	31.5	
CARLINVILLE	MAX	62	62	63	58	54	64	54	55	55	41	40	47	68	63	61	69	52	46	45	49	43	48	63	68	57	34	42	41	39	40	53	52.8	
	MIN	35	34	46	44	28	26	31	36	31	28	24	30	36	42	29	37	31	18	31	34													

# DAILY TEMPERATURES

ILLINOIS  
MARCH 1964

Continued

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EFFINGHAM	MAX	40	62	56	58	58	40	62	43	64	38	38	42	49	68	61	59	70	48	43	44	53	41	50	60	73	59	30	43	40	40	40
	MIN	32	37	46	48	32	28	35	34	37	29	20	30	31	41	29	37	33	19	23	34	31	25	30	41	39	20	19	30	23	19	27
FLORA 2 NW	MAX	63	56	59	58	60	63	56	63	65	36	44	50	70	67	69	69	59	43	44	58	41	49	62	73	66	49	43	43	42	39	52
	MIN	34	38	47	47	32	26	39	40	35	30	24	32	34	50	29	34	32	21	29	34	32	26	27	40	41	20	20	43	26	19	29
MARSHALL 1 E	MAX	60	59	58	58	59	57	57	55	64	38	41	43	63	63	59	67	67	42	45	53	52	50	59	70	69	61	43	43	39	38	46
	MIN	31	30	41	43	31	21	34	38	35	28	19	30	29	50	27	30	28	16	23	33	31	26	26	41	-1	21	18	33	20	18	29
MATTOON	MAX	59	56	57	58	39	58	51	62	45	36	36	39	62	60	57	67	43	41	43	40	39	48	57	70	59	30	41	41	38	37	46
	MIN	33	32	45	36	27	26	32	37	30	26	18	28	34	35	29	34	23	17	29	32	30	48	57	70	28	19	18	41	38	37	46
MCWEADUA	MAX	60	60	58	55	57	61	56	53	52	39	36	40	63	60	59	68	51	41	42	50	42	46	59	68	66	42	41	38	38	39	47
	MIN	33	31	46	45	29	26	29	37	33	26	22	28	32	26	27	33	28	17	28	32	30	28	28	44	35	17	18	32	20	12	26
NEWTON	MAX	62	58	60	57	59	61	58	60	63	39	44	49	67	66	60	69	61	45	45	57	43	52	60	72	68	59	43	43	42	40	50
	MIN	34	36	47	47	34	20	36	40	35	30	23	31	24	51	30	36	31	20	30	35	31	28	32	45	45	21	19	35	23	19	28
OLNEY	MAX	63	57	55	58	60	61	60	65	64	37	45	48	68	68	60	69	60	43	45	60	42	50	60	73	68	64	44	45	44	40	53
	MIN	36	39	46	46	26	22	38	41	35	31	25	32	35	44	29	39	31	21	29	36	33	26	30	44	43	22	19	37	22	19	28
PALESTINE	MAX	64	57	58	60	60	59	52	65	63	40	45	51	65	64	59	70	50	45	45	59	40	46	51	75	63	36	48	46	42	39	50
	MIN	35	36	47	48	31	25	39	41	26	31	25	32	33	41	30	40	30	20	28	36	33	26	31	47	36	23	18	32	21	19	28
PARIS WATERWORKS	MAX	60	55	57	56	58	58	52	62	62	36	39	40	63	62	58	68	50	40	46	48	39	48	58	71	65	49	43	40	37	37	42
	MIN	33	33	47	45	31	25	33	38	33	29	22	29	31	43	28	39	28	17	27	33	32	27	30	45	40	21	18	32	20	17	28
SALEM	MAX	63	57	60	59	60	63	57	64	66	38	43	51	69	64	60	70	59	45	48	57	41	49	64	73	67	39	42	42	43	40	53
	MIN	37	36	48	48	32	25	37	40	35	30	20	32	34	50	26	33	29	22	31	36	32	25	29	45	38	20	20	37	23	19	28
TASCOLA	MAX	59	58	55	56	56	57	53	58	58	40	37	36	60	61	57	68	55	40	43	47	45	46	57	69	63	48	42	40	38	38	46
	MIN	35	33	44	46	27	31	37	33	33	27	21	25	30	38	29	34	18	16	25	32	30	32	25	42	37	20	18	27	19	11	30
VANALTA FAA AIRPORT	MAX	63	57	60	59	39	62	53	61	44	39	41	50	68	61	62	70	49	45	43	54	40	47	62	71	60	31	41	41	39	39	51
	MIN	34	32	47	34	27	26	34	39	31	27	24	37	33	33	27	34	28	21	31	32	30	26	29	44	27	20	19	26	20	19	28
WINDSOR	MAX																															
	MIN																															
SOUTHWEST 08	MAX																															
	MIN																															
ANNA 1 E	MAX	65	54	54	65	59	61	60	69	67	39	50	54	69	70	61	68	63	55	44	59	49	52	64	70	72	41	52	46	49	42	61
	MIN	34	48	45	46	33	29	44	50	36	30	26	31	35	50	33	36	36	27	33	38	32	35	32	45	40	19	22	38	25	18	30
BELLEVILLE SCOTT AFB	MAX	65	58	60	57	43	61	50	62	41	38	43	48	68	60	61	69	52	45	43	50	40	46	62	71	48	34	45	42	42	40	55
	MIN	35	38	49	36	28	31	36	39	31	27	22	32	36	37	31	36	32	23	31	32	32	35	28	42	25	18	20	27	25	19	28
CAIRO AB CITY	MAX	65	56	57	67	51	63	60	71	61	41	54	54	71	74	60	67	67	52	46	62	43	50	64	71	71	41	54	52	52	41	64
	MIN	41	50	46	40	38	32	49	52	33	34	35	36	40	48	39	41	42	34	40	39	36	39	41	55	31	24	35	38	26	22	36
CARBONDALE SEWAGE PL	MAX	66	60	58	65	64	63	61	69	69	39	52	54	71	70	64	70	64	53	46	62	47	52	64	72	71	44	51	50	48	43	62
	MIN	36	50	46	47	34	28	42	47	37	32	28	33	31	53	29	42	32	28	34	40	34	36	29	42	44	21	24	38	25	18	32
CARLYLF	MAX																															
	MIN																															
CARLYLF RESERVOIR	MAX	54	65	57	61	59	43	60	44	64	37	35	44	50	70	60	62	70	53	45	44	44	44	52	63	72	57	35	42	46	43	40
	MIN	29	40	49	48	32	29	34	39	35	27	24	32	32	42	30	34	35	23	26	34	26	31	34	41	38	18	19	27	38	19	23
CCBDEN 2 S	MAX	60	62	54	64	63	62	62	66	67	40	50	54	70	68	60	67	64	55	45	62	50	52	62	70	70	48	52	51	48	44	62
	MIN	32	45	45	47	33	26	44	51	37	31	26	31	35	52	31	32	33	26	33	39	39	35	31	44	48	19	22	38	24	17	30
DU QUAIN 2 S	MAX	66	60	63	62	60	62	61	69	69	39	52	54	69	65	62	71	60	49	45	60	44	50	64	72	67	42	49	48	46	42	58
	MIN	36	48	49	50	34	30	45	41	37	30	28	34	36	53	29	40	34	26	34	39	34	35	34	46	41	20	25	36	26	19	30
EAST ST LOUIS PKS COL	MAX																															
	MIN																															
MAKANDA 1 NW	MAX	65	59	56	63	63	61	61	68	67	38	50	54	70	68	62	69	65	53	45	60	50	61	63	70	70	44	51	51	48	41	60
	MIN	31	49	45	44	30	20	42	46	36	30	26	33	30	52	34	41	36	26	31	30	29	34	29	45	42	18	22	38	20	17	24
NASHVILLE 3 NW	MAX	64	64	63	59	57	62	59	67	68	38	45	50	69	62	61	70	61	49	45	56	42	48	62	72	69	42	48	47	45	42	56
	MIN	36	42	48	48	33	28	38	41	35	25	23	33	30	39	30	37	34	25	33	37	33	32	31	45	40	20	23	36	23	20	33
NEW BURNSIOE	MAX	65	61	58	65	63	62	61	68	39	51	53	72	72	61	68	64	59	45	45	62	55	51	65	72	73	54	51	49	49	43	60
	MIN	37	49	39	48	35	30	34	38	32	25	33	35	53	53	38	39	31	26	32	39	33	30	31	48	54	21	21	37	23	18	30
SPARTA	MAX	66	63	57	67	67	66	57	67	66	36	49	53	69	64	63	73	63	50	45	54	43	50	63	73	68	38	49	48	45	43	58
	MIN</																															



# SNOWFALL AND SNOW ON GROUND

ILLINOIS  
MARCH 1964

Station	Day of month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																
OIXON				T	9.3		T	1.0													1.4	3.5				T	1.8		0.8	1.8	T	
				T	9		8	5	3	2	1	T									T	1	3	T			2	1	1	2	1	
FREEPORT				T	7.0			2.0										0.2			7.0				T	2.0	1.0	0.3	0.2	3.0		
				T	7		5	4	2									T			7	5	1		T	2	3	4	3	5	4	
GALVA					7.0			T	T												0.4	2.5							T	0.3	0.5	
					7			3	T	T											T	3	T						T	1	1	
MOLINE WB AIRPORT				0.9	3.8		0.8	0.5												T	5.3	T			T	0.4	T	T	0.7	1.5		
				5	3		5	T	T	T	T	T	T							T	5	T	1	T	T	T	T	T	1	1	T	
				1.0	.9																1.0	.6										
MORRISON					7.0			1.5													4.0						T	2.0		1.0	1.0	0.3
					7			3	1	1	1	1									3						1					
NORTHEAST 02																																
ANTIOCH					2.0		T	T													T						2.0	1.0	T	T	2.0	
					2		T	T													T						2	3	2	1	3	2
AURORA COLLEGE				T	0.5			2.4		T											0.2					T	T	T	T	2.3		
				T	0.5			T	T	T											0.2					T	T	T	T	2	1	
CHICAGO WB AIRPORT								0.2	3.5		T	0.1	T								0.2					T	0.3	T	1.0	7.1	T	
								T	2		T	0.1	T								T					T	T	T	T	5	1	
								.2													T					T	T	T	T	.5		
OTTAWA					1.5			T																		T	T	T		1.0		
					T																					T	T	T	T			
PARK FOREST																																
SYCAMORE					2.0		T	T	T	T																	2.0		2	2	3.0	
					2		T	T	T	T																	2		2	5	2	
WEST 03																																
LA HARPE				T				4.0		T		T	0.5																			
				T				3		T		T	0.5																			
MONMOUTH					5.5								1.0															0.5		T	T	
					4			2	1				1																			
QUINCY FAA AIRPORT					8.0	1.0			6	T			4.0																			
					8	1			6	T			4																			
CENTRAL 04																																
BLOOMINGTON NORMAL													0.3																			
													0.3																			
DECATUR																																
LINCOLN																																
PEORIA WB AIRPORT					0.6	2.5																										
					0.6	2.5																										
					3	3			1																							
					.3																											
EAST 05																																
HOOPESTON																																
PONTIAC																																
RANTOUL CHANUTE AFB																																
ROBERTS 3 N																																
WEST SOUTHWEST 06																																
CARLINVILLE																																
MORRISONVILLE 4 SE																																
SPRINGFIELD WB AIRPORT																																
WHITE HALL 1 E																																
EAST SOUTHEAST 07																																
NEWTON																																
TUSCOLA																																
VANOALIA FAA AIRPORT																																
WINOSOR																																
SOUTHWEST 08																																
ANNA 1 E																																
BELLEVILLE SCOTT AFB																																
CAIRO WB CITY																																

See Reference Notes Following Station Index



# SNOWFALL AND SNOW ON GROUND

ILLINOIS  
MARCH 1964

Station		Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
SPARTA	SNOWFALL SN ON GND									T	4.0	T									T														
SOUTHEAST 09																																			
ALBION	SNOWFALL SN ON GND						T				1.0												T												
HARRISBURG	SNOWFALL SN DN GND																																		T
MOUNT VERNDN	SNOWFALL SN DN GND										2.0	T																							

## DAILY SOIL TEMPERATURES

STATION AND DEPTH	TIME	Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
URBANA																																		
4 INCHES	7 AM	37	37	41	43	42	38	41	42	43	39	38	37	37	43	42	41	41	38	38	38	38	39	39	44	46	40	36	40	38	35	36	39.6	
	MAX	37	40	41	43	44	42	42	43	44	43	39	38	37	37	43	43	45	45	43	43	40	39	40	43	46	50	46	40	41	40	38	39	41.8
	MIN	33	37	37	41	42	38	38	42	40	39	38	37	37	37	40	40	40	38	38	38	38	38	37	39	44	40	36	36	38	35	35	38.3	
8 INCHES	7 AM	37	37	40	42	42	39	41	41	41	39	38	38	41	41	41	42	40	40	40	39	40	40	43	44	43	39	41	39	37	38	40.1		
	MAX	37	37	40	42	42	41	41	43	41	41	39	38	41	41	42	43	42	41	40	40	40	44	46	45	43	41	39	39	39	41.0			
	MIN	34	37	37	40	42	39	41	41	41	39	38	38	38	41	41	41	40	40	40	39	40	40	40	43	43	39	39	39	37	37	39.5		

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS SOD. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 AM CST	NOON CST	6:00 PM CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
CAIRO W8 CITY	-	-	11.4	60	NW*	4	-	73	57	-	2	5	5	0	0	3	15	55	5.8
CHICAGO O HARE AIRPORT	29	6	13.0	54++	01	4	71	78	59	63	8	8	3	4	0	0	23	-	7.2
CHICAGO MIDWAY AIRPORT	18	7	13.6	39	N	4	67	76	58	61	7	7	2	5	0	0	21	60	7.2
MOLINE W8 AIRPORT	29	6	12.5	36	N	4	79	80	66	65	7	6	4	4	0	0	21	50	6.8
PEORIA W8 AIRPORT	18	10	11.2	38	NW	5+	77	84	65	67	9	4	3	4	0	0	20	55	7.2
ROCKFORD W8 AIRPORT	18	6	12.4	30++	29	17+	81	82	64	68	8	6	7	1	1	0	23	-	6.3
SPRINGFIELD W8 AIRPORT	31	7	14.4	42	S	6	82	83	67	68	5	5	8	1	1	0	20	53	7.4

DIRECTIONS ENTERED IN FIGURES ARE TENS OF DEGREES.  
\* TO 8 COMPASS POINTS ONLY



REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, 61824 or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SS\*, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sum of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Monthly Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

\* Amount included in following measurement, time distribution unknown.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

## Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate, but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual, \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCDMM-WB-Asheville, N. C. -5/12/64- 90D



91° 90° 89° 88°

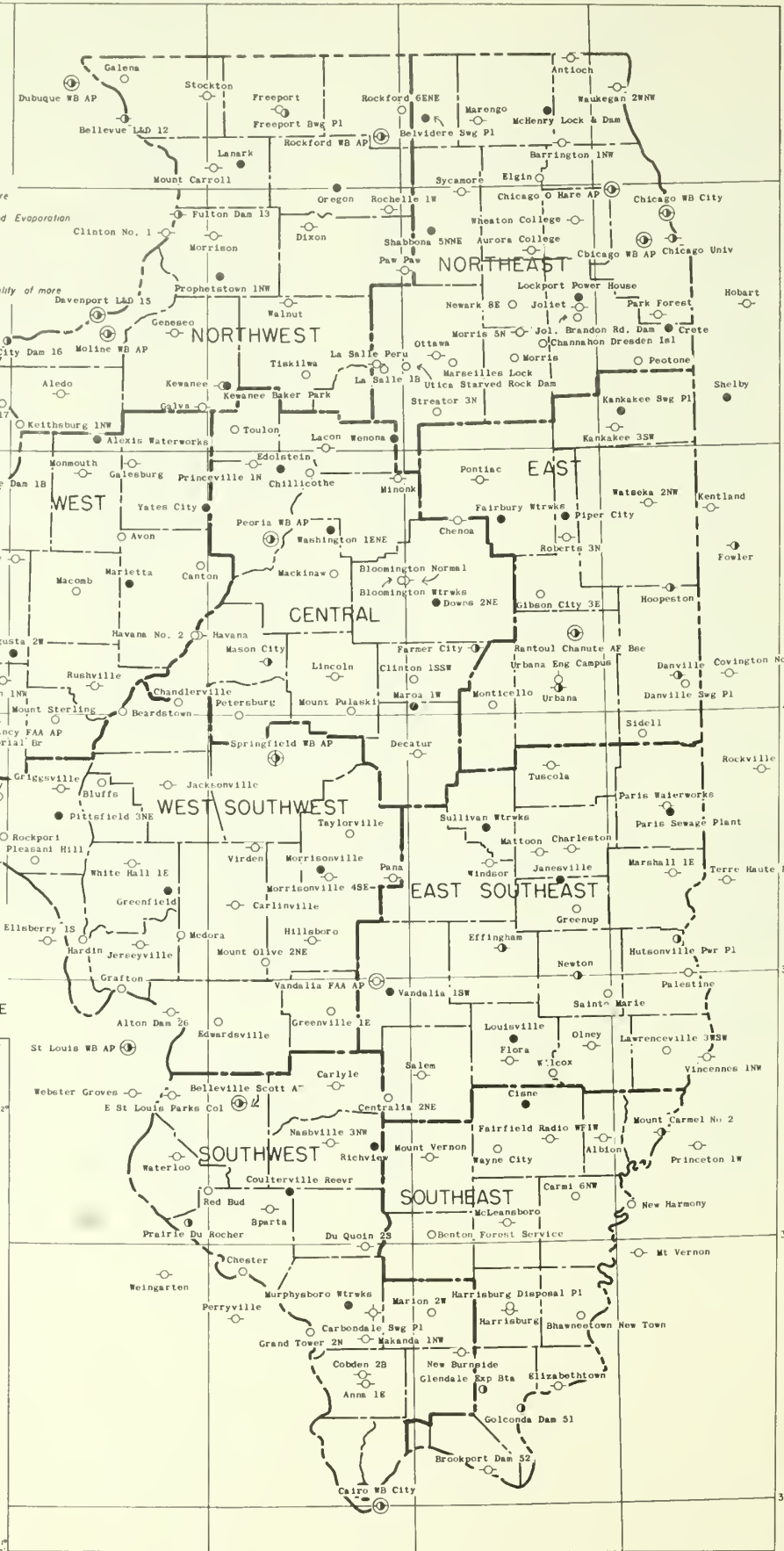
STATION LEGEND

- ● ○ Precipitation only
- ● Precipitation, storage
- ● ○ Precipitation and Temperature
- ● ○ Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording, ● Recording ○ Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°  
New Boston Dam 17

# ILLINOIS

STATUTE MILES  
0 10 20 30 40  
90 TH MERIDIAN TIME ZONE









U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS



APRIL 1964

Volume 69 No. 4



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 86° on the 18+ at 12 stations

Lowest Temperature: 15° on the 1st at Marengo

Greatest Total Precipitation: 10.63 inches at Farmer City

Least Total Precipitation: 2.59 inches at Shawneetown New Town

Greatest One-Day Precipitation: 3.96 inches on the 21st at Barry

Greatest Reported Total Snowfall: 1.0 inches at Freeport Sewage Plant

Greatest Reported Depth of Snow on Ground: 3 inches on the 1st at Chicago O Hare Airport

SPECIAL WEATHER SUMMARY

Normal or above precipitation occurred over almost all of Illinois in April. This was the second consecutive month for Illinois precipitation to exceed the normal, a situation not experienced for several years. Much of the State has now had considerable replacement of the soil moisture depleted during the recent long dry period.

April was the wettest in more than 50 years at Springfield and Rockford, and one of the wettest on record for much of the Northwest, West, and Central Divisions. The Farmer City-Clinton-Monticello area totaled more than 10 inches for the month as the Central Division averaged nearly twice the normal. West and Northwest Divisions averaged 85 to 90 percent above normal. Precipitation was lightest in extreme southern Illinois, where the largest amounts fell in March, and averaged near normal for the month.

Heavy rains in central Illinois on the 19th, 20th, and 21st caused local flooding over much of 10 counties clustered along an east-west axis with DeWitt County as a center. The three-day total in this area was from 5 to 7 inches. Totals of 4 inches or more were common from Macomb-Yates City-Pontiac on the north to Barry-Jacksonville-Decatur-Paris on the south.

Barry, Gibson City, Monticello, and Urbana each had more than 3 inches of rain in 24 hours.

Temperatures averaged 1° to 2° above normal in the north and central, but was slightly below normal near Springfield. The average was 2° to 4° above normal in the south.

Storm damage during April was estimated in excess of \$5 million and resulted from tornadoes, windstorms, hail, lightning, and local flooding. One man was killed by lightning near Joliet on the 18th. Squall line storms on the 2d and 21st were major contributors to the heavy damage.

For additional data on severe storms see STORM DATA publication for April 1964.

William L. Denmark  
Weather Bureau State Climatologist  
Station A, Box 143  
Champaign, Illinois 61824



# CLIMATOLOGICAL DATA

ILLINOIS  
APRIL 1964

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										90° or Above	31° or Below	Minor	0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWEST 01																							
ALEDO	64.1	40.9	52.5	1.2	85	16	23	4	377	0	0	5	0	6.67	3.17	2.24	20	T	0	10	4	2	
OIXON	62.7	39.9	51.3	1.3	85	16	24	4	408	0	0	7	0	5.78	2.82	1.29	20	.0	0	9	5	3	
FREEPORT	60.4	39.5	50.0	1.8	83	16	22	4	452	0	0	8	0	4.65	1.80	.87	5	T	0	11	4	0	
FULTON DAM 13	61.4	40.7	51.1		81	16	23	1	417	0	0	6	0	6.13		1.24	20	.0	0	9	5	3	
GALVA	64.3	40.5	52.4	1.4	85	16	24	4	377	0	0	4	0	5.17	1.78	1.59	20	.0	0	9	4	2	
GENESEO																							
HENNEPIN POWER PLANT	63.7	41.1	52.4		85	16	25	4	379	0	0	5	0	5.95	2.80	2.02	20	.0	0	9	3	2	
KEWANEE	65.0	41.0	53.0		85	16	22	1	362	0	0	5	0	5.16		2.11	20	.0	0	7	3	2	
MOLINE WB AIRPORT	64.5	40.9	52.7		85	16	24	1	368	0	0	4	0	5.26		2.17	20	.0	0	9	2	2	
MORRISON	61.9	41.1	51.5	1.5	86	16	25	1	405	0	0	6	0	6.37	3.20	1.71	20	T	T	8	8	4	3
MOUNT CARROLL	63.8	40.0	51.9	1.6	84	16	25	1	393	0	0	7	0	6.17	2.99	1.46	20	.0	0	12	4	3	
MOUNT CARROLL																							
PAW PAW	61.8	39.3	50.6	1.5	83	16	23	4	435	0	0	7	0	6.31	3.30	1.23	21	T		9	6	2	
ROCHELLE 1 W	58.8	36.9	47.9		83	17	22	4	510	0	0	10	0	5.73	2.45	1.40	6	T	T	1	8	4	3
ROCKFORD WB AIRPORT	58.6	37.2	47.9		85	17	17	1	508	0	1	9	0	6.15	3.11	1.24	20	.0		10	5	3	
STOCKTON	58.5	38.5	48.5	.7	83	16	22	1	489	0	0	7	0	8.17	5.12	2.34	21	T	2	1	10	6	3
TISKILWA	60.0	38.9	49.5		78	16	22	4	457	0	0	6	0	5.20		1.62	5	.0	0	7	4	1	
TISKILWA																							
WALNUT	64.5M	40.0M	52.3M		85	16	25	9	379	0	0	5	0	4.98	1.54	2.07	20	T		8	3	1	
WALNUT																							
	62.9	40.3	51.6	1.0	84	16	24	4	405	0	0	7	0	6.25	2.94	1.82	20	T	0	12	4	2	
DIVISION																							
			51.0	1.1										5.89	2.69			T					
NORTHEAST 02																							
ANTIOCH	58.1	37.8	48.0		80	17	20	4	510	0	0	10	0	3.50		.92	5	T	T	3	12	1	0
AURORA COLLEGE	60.8	40.3	50.6	2.0	82	16	23	9	429	0	0	6	0	5.53	2.64	1.23	20	T	0	11	5	2	
BARRINGTON 1 NW	59.4	38.5	49.0		82	17	17	1	481	0	0	6	0	5.33		.90	3	T	T	1	12	5	0
CHICAGO O HARE AIRPORT	58.4	40.0	49.1	1.9	84	16	19	1	479	0	0	6	0	5.22	2.28	1.37	5	T	3	1	11	4	1
CHICAGO UNIVERSITY	57.7	42.0	49.9	1.8	83	16	26	4	457	0	0	6	0	5.29	2.21	1.36	5			9	3	2	
CHICAGO WB AIRPORT																							
CHICAGO WB CITY	59.7	42.5	51.1	2.1	84	17	26	4	419	0	0	5	0	4.96	1.92	1.09	20	T	1	1	11	3	2
JOLIET	57.2	43.1	50.2	1.5	82	16	27	4	448	0	0	5	0	5.12	2.06	1.26	5			9	4	1	
MARENGO	62.9	42.4	52.7		84	17	25	4	374	0	0	3	0	5.82		1.30	20	.0	0	11	4	2	
MORRIS 5 N	59.5	37.8	48.7		84	16	15	1	487	0	0	9	0	4.70		.95	5	.0	0	12	3	0	
OTTAWA	62.8	38.7	50.8	.5	85	16	22	1	425	0	0	7	0	5.65	2.10	1.13	20	T	0	11	4	2	
PARK FOREST																							
PERU SEWAGE PLANT	63.3	41.6	52.5	1.3	84	16	25	1	378	0	0	5	0	5.20	1.47	1.45	20	T	0	11	3	2	
SYCAMORE	59.7	39.9	49.8		82	17	23	1	455	0	0	7	0	6.46		1.58	5	.0	0	11	4	2	
WAUKEGAN 2 WNW	62.0	41.6	51.8	.9	85	16	26	4	400	0	0	5	0	5.18	1.62	1.83	20	T	0	8	3	2	
WHEATON COLLEGE	59.5	38.3	48.9	1.2	83	16	21	1	479	0	0	8	0	5.13	2.21	1.15	5	T	8	11	3	1	
WHEATON COLLEGE																							
	60.3	39.9	50.1	1.0	83	16	23	1	447	0	0	6	0	5.17	1.89			T	0				
DIVISION																							
			50.1	1.0										5.17	1.89			T					
WEST 03																							
GALESBURG	61.9	40.5	51.2		85	16	25	4	414	0	0	6	0	5.84	2.38	1.50	20	.0	0	8	5	2	
GOLDEN 1 NW	65.5	43.5	54.5		86	16	27	9	320	0	0	4	0	6.16	2.69	2.13	5	.0	0	9	5	2	
LA HARPE	65.6	41.6	53.6	1.5	86	16	25	9	346	0	0	4	0	8.28	4.69	2.40	5	.0	0	9	6	2	
MONMOUTH	64.8	41.2	53.0	1.7	85	16	25	4	365	0	0	4	0	5.38	1.96	1.80	20	.0	0	7	4	2	
QUINCY FAA AIRPORT	67.7	46.0	56.9	2.4	86	16	29	9	260	0	0	3	0	7.10	3.63	2.55	5	.0	0	9	4	3	
RUSHVILLE	64.3	43.6	54.0		85	16	26	9	337	0	0	5	0	7.17		2.78	5	T	0	10	4	2	
RUSHVILLE																							
	66.1	42.7	54.4	1.5	86	16	25	9	328	0	0	6	0	8.33	4.55	2.35	20	.0	0	10	8	2	
DIVISION																							
			53.9	1.4										6.89	3.26			T					
CENTRAL 04																							
BLOOMINGTON NORMAL	64.4	42.8	53.6	1.4	83	16	26	4	342	0	0	5	0	7.18	3.24	1.95	20	T	0	11	5	2	
CENOSA	63.0M	40.7M	51.9M		84	16	23	1	398	0	0	6	0	6.72		1.72	20	.0	0	10	5	2	
DECATUR	65.5	44.8	55.2	1.8	83	16	27	9	300	0	0	4	0	6.98	3.05	1.87	20	.0	0	11	4	2	
FARMER CITY	65.1M	42.5M	53.8M		83	16	25	1	337	0	0	4	0	10.63		2.69	20	.0	0	9	5	5	
HAVANA	66.7	43.4	55.1	2.0	86	16	23	1	306	0	0	4	0	6.46	2.79	1.68	20	T	0	12	6	1	
LACON																							
LINCOLN	65.5	43.9	54.7	1.9	84	16	26	9	314	0	0	5	0	9.88	6.08	2.21	20	.0	0	12	5	4	
MASON CITY	63.9	40.6	52.3		86	16	24	1	385	0	0	5	0	6.96	3.38	1.78	20	T	T	8	11	4	3
MINCK	62.3	42.1	52.2	1.4	85	16	26	1	384	0	0	5	0	6.92	2.95	1.37	20	T	T	8	10	6	3
PEORIA WB AIRPORT					85	16	25	1		0	0	0		5.75	2.39	1.81	20	.0	0	9	4	1	
PRINCEVILLE 1 N																							
	M	M	M											5.75	2.39	1.81	20	.0	0	9	4	1	
DIVISION																							
			53.6	.9										7.50	3.68			T					
EAST 05																							
DANVILLE	65.9	44.1	55.0	3.0	82	17	23	1	302	0	0	4	0	8.25	4.97	2.74	20	.0	0	12	3	2	
HOOPESTON	62.7	41.9	52.3	.9	81	17	24	1	378	0	0	5	0	7.98	4.38	2.86	20	T	0	12	5	2	
KANKAKEE 3 SW	63.4	41.4	52.4	2.1	84	17	24	4	380	0	0	5	0	3.99	.24	.82	20	T	0	9	4	0	
PONTIAC	65.0	42.5	53.8	2.2	85	16	25	4	342	0	0	5	0	4.85	.98	1.52	20	.0	0	7	3	1	
RANTOUL CHANUTE AFB	61.0	43.3	52.2		79	17	24	1	385	0	0	5	0	3.48		1.38	20			6	2	1	
ROBERTS 3 N																							
URBANA	63.5	42.0	52.8		83	17	23	1	372	0	0	4	0	5.41	1.51	2.00	20	.0	0	10	4	1	
WATSEKA 2 NW	63.1	43.6	53.4	1.5	80	17	26	1	348	0	0	5	0	9.55	6.01	3.09	20	.3	T	8	11	4	4
DIVISION																							

# CLIMATOLOGICAL DATA

ILLINOIS  
APRIL 1964

Continued

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	80° or Below	32° or Below	32° or Below										
WEST SOUTHWEST 06																							
ALTON DAM 26	67.5	47.0	57.3		84	16	25	8	247	0	0	3	0	4.59		1.21	6	T	0	0	10	3	1
CARLINVILLE	68.7	46.0	57.4	3.2	85	16	28	9*	238	0	0	3	0	4.63	.71	1.16	21	.0	0	0	10	4	1
GRIGGSVILLE	67.6M	44.5M	56.1M	2.0	86	16	27	1	281	0	0	4	0	5.75		2.32	20	.0	0	0	9	4	1
HILLSBORO	67.7	46.5	57.1	2.4	84	16	27	9	251	0	0	2	0	4.95	1.12	2.10	6	.0	0	0	10	3	1
JACKSONVILLE	66.6	45.4	56.0	2.1	84	16	27	1	274	0	0	3	0	7.81	4.29	2.87	20	.0	0	0	8	5	3
JERSEYVILLE																							
MORRISONVILLE 4 SE	69.6	45.9	57.8		83	17*	26	9	229	0	0	3	0	5.47		.95	21	.0	0	0	11	5	0
PANA	66.5	45.4	56.0	2.8	85	16	28	1	279	0	0	3	0	4.38	.93	.86	5	.0	0	0	9	4	0
SPRINGFIELD WB AIRPORT R	66.3	45.7	56.0	2.1	82	16	28	1	273	0	0	3	0	4.52	.93	1.64	5	T	0	0	8	2	1
VIRGEN	65.2	44.9	55.1	1.7	85	16	29	9*	307	0	0	3	0	4.91	6.32	2.54	19	T	0	27*	10	6	5
WHITE HALL 1 E	66.6M	43.5M	55.1M		86	16	27	1	312	0	0	3	0	5.63		1.90	5	.0	0	0	9	4	2
DIVISION																							
			56.4	2.1											5.59	1.91							
EAST SOUTHEAST 07																							
CHARLESTON	66.2	46.0	56.1		81	16	26	1	270	0	0	4	0	4.95	1.44	1.20	20	.0	0	0	10	4	1
EFFINGHAM	66.6	46.1	56.4	2.9	81	17	28	1	268	0	0	4	0	3.72	.09	.90	6	.0	0	0	8	4	0
FLORA 2 NW	69.1	47.0	58.1	2.4	81	16	28	1	219	0	0	2	0	3.41		.96	5	.0	0	0	8	2	0
MARSHALL 1 E	67.1	44.9	56.0		79	17	24	1	268	0	0	3	0	5.89		1.66	20	T	0	0	12	4	1
MATTOON	64.5	44.4	54.5		80	17*	27	1	314	0	0	5	0	5.82		1.37	19	.0	0	0	10	4	2
MOWEAQUA																							
NEWTON	66.5	44.4	55.5		82	16	27	1	289	0	0	4	0	6.35		1.71	21	T	0	0	11	6	1
OLNEY	69.1	47.2	58.2		80	16	27	1	218	0	0	3	0	4.61		1.36	3	.0	0	0	9	3	1
PALESTINE	70.0M	48.4M	59.2M	3.6	81	19*	27	9*	190	0	0	3	0	3.02		.92	5	.0	0	0	6	2	0
PARIS WATERWORKS	69.0	47.4	58.2	3.2	83	17	26	1	219	0	0	3	0	3.67	-.19	.88	5	.0	0	0	8	2	0
SALEM	65.9	45.5	55.7	2.6	81	17*	25	1	282	0	0	3	0	6.12		2.71	1.52	20	.0	0	10	6	2
TUSCLOA																							
VANDALIA FAA AIRPORT	69.4	47.7	58.6		82	16	29	1	211	0	0	1	0	3.89	.02	1.12	5	T	0	0	7	2	2
WINDSOR	66.2	43.8	55.0		82	17	26	1	294	0	0	4	0	6.55	2.92	2.16	21	T	0	0	10	5	1
DIVISION																							
			56.7	2.4											4.92	1.16							
SOUTHWEST 08																							
ANNA 1 E	71.1	50.7	60.9	3.6	83	19	30	9	168	0	0	2	0	3.59	- 1.18	1.77	5	.0	0	0	6	3	1
BELLEVILLE SCOTT AFB	67.0	47.7	57.4		84	16	29	9*	243	0	0	2	0	4.86		1.74	5	T	0	0	11	2	1
CAIRO WB CITY	71.5	54.6	63.1	3.7	81	20*	34	9	122	0	0	0	0	3.86	-.21	1.75	5	.0	0	0	8	2	1
CARBONDALE SEWAGE PL	71.4	50.5	61.0	3.7	83	19	29	9	160	0	0	2	0	3.89	-.47	1.31	6	.0	0	0	8	3	1
CARLYLE RESERVOIR	67.3	48.7	58.0		83	17	27	1	233	0	0	2	0	4.18		.86	18	.0	0	0	10	3	0
COBOEN 2 S																							
OU OUDIN 2 S	71.0	50.8	60.9		81	19	28	9	159	0	0	2	0	3.43		1.61	5	.0	0	0	7	2	1
EAST ST LOUIS PKS COL	71.5	49.6	60.6	3.6	80	19*	29	9	157	0	0	2	0	5.97	1.96	1.20	5	.0	0	0	10	6	2
MAKANDA 1 NW	71.6M	49.6	60.6M		86	16	32	4	182	0	0	1	0	3.59		.67	5	.0	0	0	10	2	0
NASHVILLE 3 NW	71.4M	49.9M	60.7M		83	19	30	9*	150	0	0	2	0	3.67		1.46	5	.0	0	0	10	3	1
NEW BURNSIDE	70.4M	47.1M	58.8M		86	18	28	9	204	0	0	2	0	5.33	1.27	1.35	20	.0	0	0	9	3	2
SPARTA																							
WATERLOO 1 WSW	72.2	50.6	61.4	4.3	84	19	25	9	151	0	0	2	0	2.64	- 2.03	1.15	5	.0	0	0	7	2	1
WATERLOO 1 WSW	70.8	49.7	60.3	2.8	84	16	29	9	169	0	0	1	0	4.87	.80	1.20	5	.0	0	0	9	4	1
WATERLOO 1 WSW	71.5	48.4	60.0		86	16	26	9	183	0	0	2	0	3.85	.10	1.23	6	.0	0	0	10	2	1
DIVISION																							
			60.3	3.0											4.13	-.07							
SOUTHEAST 09																							
ALBION	70.4	49.5	60.0		81	16	27	1	174	0	0	2	0	4.31		.85	5	.0	0	0	12	2	0
BROOKPORT DAM 52	71.4	51.5	61.5		80	22*	32	9	147	0	0	1	0	3.03	- 1.20	1.13	6	.0	0	0	6	2	1
ELIZABETHTOWN	71.8	49.4	60.6		84	19	27	9	167	0	0	2	0	2.73		1.06	5	T	0	0	8	1	1
FAIRFIELD RADIO WFIW	69.0	49.0	59.0	2.7	80	19*	29	1	193	0	0	2	0	5.56		.99	3	T	0	0	12	4	0
HARRISBURG	73.4	50.7	62.1	4.3	84	19	29	9	139	0	0	2	0	2.80	- 1.53	.94	5	T	0	0	7	2	0
MCLEANSBORO																							
MOUNT CARMEL	70.4	49.0	59.7	2.5	80	27*	29	1	182	0	0	2	0	4.14	.10	1.18	5	.0	0	0	10	2	1
MOUNT VERNON	68.8	48.1	58.5		80	18*	29	9*	212	0	0	2	0	5.04		1.35	6	T	0	0	9	3	2
MOUNT VERNON	69.9	49.3	59.6	3.5	80	16	30	9*	189	0	0	2	0	4.76	.30	1.17	6	.0	0	0	9	3	1
DIVISION																							
			60.1	3.1											4.05	-.17							

PREPARATION AND PUBLICATION OF THIS BULLETIN

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to the National Weather Records Center at Asheville, North Carolina, where they are checked for accuracy and placed on punched cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the Asheville Center.

The various steps all take time. Records for any state can not be checked by machine until nearly all of them for that state have been received. Printing can not be done until all tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina should be advised.

See Reference Notes Following Station Index

# DAILY PRECIPITATION

ILLINOIS  
APRIL 1964

Station	Total	Day of Month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
<b>NORTHWEST 01</b>																																			
ALEDO	6.87	.27	.01		1.44	.03	T	T										T	T	.26	.30	2.24	.98		.14							.65	.16	.16	.03
DIXON	5.78		.57		.07	1.11	.20	T					.02						.44		1.29	1.00			.18							.65	.02	.90	
FREEDPORT	4.69	.56	T		.87	.29	.02	T				T	.13						.15		.63	.52		.06							.45	.12	.38	.53	
FREEDRY SEWAGE PLANT	5.30		.37		.17	.88	.17	T				T	.02	T					.17	.05	1.24	1.12		.12							.35	.07	.37	.58	
FULTON DAM 13	6.13		.92		.05	1.01	.06	T																								.64	.33	.02	.40
<b>GALENA</b>																																			
GALENA	4.75	.26	1.24		.59	.38							.14						.08		.61	.33								.55	.18	.26	.13		
GALVA	5.17		.25		.20	1.22	.06						.01						.14	.13	1.59	.57								.72	.21	.04	.04		
GENESE	5.95	.11	.06		1.43	.07	.13													.30	.03	2.02	.50		.45					.45	.27	.05	.05		
MENNEPIN POWER PLANT	5.16	T	.06	.14		1.13	.13	.09	T											.30	.04	2.11	.68		.05					.38		T	.05		
ILLINOIS CITY DAM 16 //	5.45		.32		.30	1.33	.18	T					.13	.02					.27		1.48	.47		.01	.03				.64	.13	.09	.05			
<b>KEITHSBURG 1 NW</b>																																			
KEITHSBURG 1 NW	6.88	.05	.34		.82	1.31	.03	T				T	.13	T	T				.43	.02	2.22	.72		.03	.03			.58	T	.12	.14	.04			
KEWANE	5.26	.03	.02	.21		1.10	.15	.06					.02	T	T				.38	.13	2.17	.35		.04	.03			.45	.12	T	.05				
MOLINE WB AIRPORT	6.37	T	.08	T		1.64	.24	T				T	.01	T	T				.24	.27	1.71	1.03		.16			T	.88	.01	.02	.08				
MORRISON	6.17		.12	.56		1.10	.25	.20											.20		1.46	1.24		.14				.47	.12	.03	.28	.04			
MOUNT CARROLL	6.31		.77		.03	1.17	.37	T	T				.01	T					.04		.94	1.23			.20			.55	.27	.04	.69	.04			
<b>NEW BOSTON DAM 17</b>																																			
NEW BOSTON DAM 17	6.82	T	T	.29		.72	1.35	.26	T				.07	T	T				.26	T	2.30	.60			.02	T		.60	T	.32	.09	.04			
PAK PAW	5.73	T	.84		.02	1.40	.10	T											.01	.23	1.34	1.21		.01	.03			.27	.05	.05	.16	.04			
ROCHELLE 1 W	6.15		.12		1.05	1.05	.10													.78	1.24	.58						.31	.10	.48	.38	.04			
ROCKFORD 6 ENE	5.49		.95			1.20	.11													.48		.72	.91					.27	.14	.40	.29	.04			
ROCKFORD WB AIRPORT //R	8.17	1.04	.33		1.39	.21	T	T	T				.02	T					.13	.06	T	.90	2.34					.48	.08	.50	.69	.04			
<b>STOCKTON</b>																																			
STOCKTON	5.20	.87	.75		1.62	.05	T						T						.02		.07	.87			.10			.45	.09	.23	.08	.04			
TISKILWA	4.98	.19	.24		.91	.07													.05	.38	.08	2.07	.90		.03			.33	.13	T	T	.04			
WALNUT	6.25	.10	1.03		.78	.14	.10	T					T						.05	T	.68	T	1.82	.43		.05		.43	.15	.14	.35	.04			
<b>NORTHEAST 02</b>																																			
ANTIOCH	3.90	.46	.25		.92	.10	T						.10						.04	.17	T	.34	.33					.20	.17	.27	.15	.04			
AURORA COLLEGE	5.53	.26	.25		1.13	.13	.19	T					T							.15	1.23	.74						.60	.10	.34	.23	.04			
BARRINGTON 1 NW	5.33	.31	.90		.90	.64	.29						.07							.32		.66	.54					.32	.21	.32	.25	.04			
CHANNAMON OREGON ISL	6.14	T	.22		T	1.31	.42	T					.10							T	.83	1.10	1.04		T			.50	.07	.41	.14	.04			
CHICAGO O HARE AIRPORT	5.22	.86	.06		1.37	.19	.04	T					.11	T					.03	.24	T	.68	.41					T	.50	.13	.44	.16	.04		
<b>CHICAGO UNIVERSITY</b>																																			
CHICAGO UNIVERSITY //R	5.29	.86	.04		1.36	.37	T						T	.26	T					T	1.02	.37					.02	.37	.35	.03	.24	.04			
CHICAGO WB AIRPORT	4.96	.74	.02		1.06	.30	T						T	.10						T	.24	1.09	.39					T	.45	.24	.10	.18	.04		
CHICAGO WB CITY	5.12	.80	T		1.26	.31	T						T	.10						T	.17	.74	.45		T			T	.73	.39	.04	.18	.04		
ELGIN	5.89	T	.94		1.38	.45	.18	T					.02	T						.63	.77	.71						.30	.10	.65	.37	.04			
JOLIET BRANCON ROAD DA	5.44		.30		1.60	.35	T						.07	T						.03	.40	.90	.70		.02	.05		.55	.07	.36	.11	.04			
<b>JOLIET</b>																																			
JOLIET	5.82	.37			1.19	.30							.07	T						.32	.30	1.30	.65					.72	.20	.18	.22	.04			
LA SALLE 1 S	3.70	T	.15		T	1.15	.04						T	T					.15	.25	1.03	.58						.23	.08	.03	.04	.04			
MARENGO	4.70	.30	.42		T	.95	.15	.18	T										.09	.31		.68	.57			.02		.17	.30	.30	.28	.04			
MARSEILLES LOCK	5.23	.08	.21		T	1.14	.31						.06							T	.57	1.05	1.21					.47	.04	.09	.04	.04			
MORRIS	5.27	.04	.26		T	1.18	.33						.03	T						T	.83	.80	.94					.37	.29	.03	.17	.04			
<b>MORRIS 5 N</b>																																			
MORRIS 5 N	5.65	.02	.22		1.08	.12	.38	T					.03	T						T	.40	.43	1.13	.63				.77	T	.10	.34	.04			
NEWARK 8 E	5.82	.30			1.22	.24						.05								T	.08	.40	1.00	1.35				.57	.04	.37	.20	.04			
OTAWA	5.20	.19			1.20	.16	.02	T					.04	T						T	.40	.21	1.45	.77				.37	.10	T	.16	.04			
PARK FOREST	6.44	.85			1.38	.45	.30						.02	T						.32	.91	1.45	.30					.45	.43	.11	.21	.04			
PECTONE	5.84		.13	.06		.76	.89	.35												.20	.56	1.06	.80					T	.40	.29	.18	.14	.04		
<b>PERU SEWAGE PLANT</b>																																			
PERU SEWAGE PLANT	5.18	.05	.19		1.30	.11	T	T					.05	T						.02	.07	.31	.26	1.63	.53		.06	T	.38	T	.07	.04			
STREATOR 3 N	6.37	.20	.20		1.03	.35	.02						.05	T						.35	.01	.83	1.27	.60				.38	.18	T	.90	.04			
SYCAMORE	5.13	.15	.70		1.15	.20	.18	T					T								.65		.78					.29	.12	.65	.30	.04			
UTICA STARVED ROCK DAM	4.71	.07	.22		.02	1.15	.12						.02	T						.10	.46	1.35	.70			.05		.25	.08	.08	.08	.04			
WAUKEGAN 2 NW	4.53	.36	.84		.82	.27	.13	T	T				.13	T						.01	.27	T	.33	.48				.42	.10	.22	.15	.04			
<b>WHEATON COLLEGE</b>																																			
WHEATON COLLEGE	-	.40	.71		1.09	.19	T						.03	T						.02	.17	.87			.49		.04	-	.21	.46	.16	.04			
<b>WEST 03</b>																																			
AVON 5 NE	6.24	-	.78		1.00	.35	.08	-	-	-	-	-	.01	-	-	-	-	-	-	.34	.18	2.00	.70				.07	.06	.59	.04	.04	T	.04		
BENTLEY 1 NW	7.29	T	.82	.25		.91	.27	.05	T				T	-	-	-	-	-	-	T	.27	1.28	1.78	.60				.70	.06	.03	T	.04			
CANTON	5.84	T	.23		1.43	.05						.02								T	.44	.53	1.50	.90				.40	.07	.13	.01	.04			
GALESBURG	6.75	T	.21		.92	1.65	.04	T					.09	T						.26	.03	2.05	.70		.03	.08		.48	T	.20	.01	.04			
<b>GLADSTONE DAM 18</b>																																			
GLADSTONE DAM 18	6.14	.58			2.13	.16	.16													.21	.76	1.24	.56		.15			.37	T	.04	.04	.04			
GOLDEN 1 NW	8.28	.90			2.40	.02	.20						T							T	.53	.66	2.28	.39		.28		.61	.12	.09	.09	.04			
LA HARPE	7.43	.79	T		1.34	.09	.20						.04	T						.01	.57	1.24	1.90	.51		.16		.50	T	.08	.04	.04			
MACOMB	5.38	.26	T		1.52	.10	.03						T							T	.26	.09	1.80	.58		.07		.61	.05	.05	.01	.04			
MONMOUTH	7.32	.09	.80	.08	T	1.32	.14	T					.01	T						.03	.31	2.14	.87	.82		.24		.36	.06	.05	.04	.04			
<b>MOUNT STERLING</b>																																			
MOUNT STERLING	7.17	.12	.18		.02	1.72</																													







# DAILY TEMPERATURES

ILLINOIS  
APRIL 1964

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHWEST 01																																	
ALEOO	MAX MIN	50 25	70 43	55 34	44 23	46 35	73 39	68 36	47 29	61 28	67 38	73 48	68 50	62 41	63 32	69 33	85 52	81 61	65 40	50 39	59 43	74 53	67 45	63 49	64 39	70 35	75 49	75 53	72 50	57 43	51 43		
DIXON	MAX MIN	51 25	60 38	47 29	44 24	43 32	72 41	62 38	46 28	59 26	65 36	76 45	68 49	61 44	61 40	67 31	85 46	81 56	64 39	49 40	56 42	76 46	69 44	64 47	62 36	69 36	75 44	75 54	66 50	57 47	51 44		
FREERPORT	MAX MIN	49 23	47 36	40 20	44 22	41 31	67 40	62 36	45 28	58 26	63 36	73 45	63 46	62 44	59 44	65 29	83 44	78 60	60 41	52 42	56 42	74 46	64 44	57 47	62 36	68 34	74 41	71 54	69 50	55 49	52 45		
FLLTON DAM 13	MAX MIN	51 23	51 37	45 37	45 32	44 32	70 41	65 36	45 30	58 29	63 39	71 47	67 50	63 45	58 46	68 30	81 49	77 60	60 42	50 41	55 42	72 41	63 45	59 48	63 37	69 37	74 46	75 52	69 50	57 45	53 45		
GALVA	MAX MIN	52 24	69 40	55 34	45 24	53 34	72 40	67 38	46 28	72 26	65 37	75 45	67 49	63 45	62 39	82 50	85 50	79 55	71 41	50 38	56 43	74 52	70 44	63 48	64 38	70 35	76 47	74 54	72 48	57 45	60 42		
GENESECO	MAX MIN	51 25	68 42	57 33	46 25	44 33	72 41	65 37	44 29	72 27	65 39	73 47	67 50	62 45	61 40	67 32	85 52	80 59	67 40	49 40	56 43	74 51	68 45	63 48	63 37	70 35	75 45	74 54	73 50	59 45	53 44		
HENNEPIN POWER PLANT	MAX MIN	51 22	68 37	66 35	46 25	44 34	73 41	65 40	45 30	58 29	65 36	75 44	58 49	64 48	63 43	75 30	85 51	84 62	75 40	50 41	58 45	75 51	74 46	64 38	63 35	76 45	74 54	71 50	76 46	52 44	65 41		
KEWANEE	MAX MIN	51 24	67 40	64 33	44 25	44 33	72 40	67 38	46 28	72 29	65 36	74 47	65 50	60 45	62 41	67 35	85 50	84 52	74 40	50 38	56 44	75 53	71 44	65 49	64 39	70 35	76 46	75 54	74 50	59 45	64 40		
MCCLINE WB AIRPORT	MAX MIN	52 25	70 40	42 27	45 26	48 35	73 42	49 35	47 30	61 27	67 34	73 50	65 49	63 46	63 39	69 31	86 46	81 55	55 44	48 40	55 43	74 53	66 45	57 46	64 37	70 47	76 52	75 45	58 45	53 45	53 45		
MORRISON	MAX MIN	52 25	56 37	52 32	45 27	45 32	71 41	69 37	46 28	61 26	65 34	74 44	67 45	62 45	61 39	72 28	84 46	83 60	72 40	50 43	56 50	74 43	72 44	64 38	62 36	74 45	74 53	71 50	61 46	52 44	63 40		
MCUNT CARROLL	MAX MIN	50 23	48 35	43 31	45 23	41 33	69 33	45 40	41 28	69 27	64 32	72 44	67 47	62 44	59 28	82 50	80 60	65 41	53 40	55 42	73 47	66 43	63 44	62 35	68 34	73 43	72 52	71 47	59 45	62 44	39 44		
PAW PAW	MAX MIN	35 22	48 23	59 32	46 22	41 26	52 31	68 39	46 26	41 25	57 32	62 38	65 45	61 48	60 38	62 32	65 48	83 52	79 39	71 44	48 37	46 44	62 44	62 35	57 47	66 45	70 45	65 40	50 45	65 47	50 43		
ROCHELLE 1 W	MAX MIN	31 17	49 27	55 30	45 23	42 30	51 32	68 40	46 27	43 23	56 33	63 41	67 41	61 46	60 39	65 45	85 53	80 37	65 42	46 37	58 39	61 42	62 43	53 42	61 35	66 44	73 54	68 48	62 49	54 43	58 43		
ROCKFORD WB AIRPORT	MAX MIN	45 22	49 37	39 26	41 24	50 32	68 42	53 34	44 29	57 25	61 36	73 42	61 44	60 45	59 39	80 44	80 53	53 40	46 41	53 41	74 48	62 44	53 38	59 34	65 42	70 42	69 53	54 48	62 48	54 46	45 45		
STOCKTON	MAX MIN	49 22	43 34	40 27	42 22	38 31	66 30	63 42	44 26	60 34	65 46	73 43	65 46	59 46	57 37	66 42	78 48	73 56	58 37	56 40	55 42	70 42	63 46	61 33	63 43	73 41	71 50	70 45	54 45	51 41	60 38		
TISKILWA	MAX MIN	53 25	67 39	64 34	46 25	45 34	73 42	63 39	46 30	59 25	67 38	75 50	67 45	68 46	68 30	85 49	83 48	74 40	49 40	57 45	75 52	70 46	61 39	64 43	71 35	77 46	71 45	77 46	57 48	52 44	64 40		
WALNUT	MAX MIN	51 28	60 40	54 32	45 24	44 32	71 39	60 38	46 28	60 26	65 35	74 39	67 48	62 44	61 32	67 42	84 58	80 43	68 38	49 39	57 42	74 49	69 48	60 45	64 36	75 45	74 54	70 45	55 45	62 45	40 33		
NORTHEAST 02																																	
ANTIJOCH	MAX MIN	46 22	44 34	47 26	41 20	40 28	62 39	58 27	43 25	56 32	63 35	73 38	62 48	61 43	60 41	65 31	80 47	80 59	65 37	45 31	53 36	77 42	67 44	53 35	52 32	66 42	66 50	60 46	58 48	50 44	50 44	58 44	
ALCORA COLLEGE	MAX MIN	50 24	56 39	44 26	42 25	52 32	72 42	58 39	41 29	56 23	62 37	75 42	63 48	64 43	62 41	63 41	82 48	78 58	70 37	46 40	54 42	72 47	65 45	56 43	55 37	70 38	71 46	69 57	66 50	62 48	50 43		
BARRINGTON 1 NW	MAX MIN	45 17	46 37	45 27	37 20	36 29	65 42	65 25	44 25	54 24	61 35	74 39	74 48	62 46	60 35	62 40	81 45	82 58	78 34	44 36	50 40	73 43	61 36	51 33	58 38	63 43	63 58	64 47	57 42	55 47	55 42		
CHICAGO O HARE AIRPORT	MAX MIN	48 19	48 38	48 38	38 25	54 33	65 45	53 36	40 28	56 34	60 36	76 41	63 51	63 42	62 30	84 51	81 56	56 39	45 41	52 41	72 46	63 43	52 36	50 36	63 35	65 46	66 54	63 50	55 47	49 45	49 45		
CHICAGO UNIVERSITY	MAX MIN	49 28	50 37	37 29	38 26	54 32	68 47	55 37	31 26	56 32	65 41	64 46	64 54	61 50	59 45	83 53	82 58	58 38	40 41	55 47	72 47	63 41	52 39	47 40	63 45	62 45	64 55	64 49	57 47	52 45	42 45		
CHICAGO WB AIRPORT	MAX MIN	49 26	56 34	39 28	40 26	56 34	71 46	54 31	40 26	56 34	67 42	76 52	65 45	64 51	65 43	84 51	84 60	60 39	48 42	57 43	73 55	64 45	55 39	61 46	68 43	64 48	66 51	56 46	61 47	45 45	59 42		
CHICAGO WB CITY	MAX MIN	48 30	52 42	42 30	37 27	55 33	65 47	55 37	41 31	56 32	61 45	75 49	63 56	62 47	60 42	82 54	80 60	56 39	40 40	53 46	72 46	63 48	53 46	46 39	63 43	53 46	60 44	59 51	62 48	55 46	46 43		
JOLIET	MAX MIN	46 29	61 34	55 34	43 25	43 34	72 43	70 43	45 30	67 36	64 40	76 43	72 50	65 51	63 43	84 51	84 62	78 33	48 51	55 62	73 39	62 47	58 43	66 39	64 46	67 55	67 51	60 50	50 44	62 44	42 44		
MARENGO	MAX MIN	45 15	45 34	40 28	40 22	41 28	67 39	65 39	42 24	58 28	62 35	75 42	65 48	61 46	58 36	83 46	81 55	67 38	44 40	53 45	75 45	69 45	57 40	53 32	64 31	69 43	68 56	66 49	66 49	51 44	59 44		
MORRIS 5 N	MAX MIN	50 22	61 39	60 30	45 23	53 32	71 38	65 39	40 25	56 30	63 35	77 44	65 45	65 45	64 36	85 45	84 55	70 39	47 44	56 49	73 49	65 46	50 39	59 35	70 34	71 43	70 56	57 47	50 43	62 38	78 43		
OTTAWA	MAX MIN	52 25	66 39	52 29	47 26	51 35	71 42	60 39	45 28	59 28	67 30	75 45	63 49	64 49	63 34	84 51	81 61	71 39	49 41	58 45	73 54	66 48	60 45	63 39	72 38	74 46	74 49	66 51	56 48	60 44	63 41		
PARK FOREST	MAX MIN	48 23	59 37	39 28	45 24	57 32	70 45	54 35	29 26	56 25	67 37	74 44	66 49	63 46	62 31	82 46	82 63	63 48	54 43	63 42	71 42	62 45	59 39	66 43	67 36	63 45	65 55	64 49	56 43	59 43	39 43		
PERU SEWAGE PLANT	MAX MIN	52 26	66 40	42 26	45 26	55 34	71 42	52 36	45 30	57 42	66 38	74 46	63 45	63 48	66 33	85 48	84 61	66 39	49 40	57 45	73 54	66 47	56 42	62 38	71 48	75 55	73 46	64 52	51 45	62 46	46 43		
SYCAMORE	MAX MIN	48 21	52 36	42 26	41 22	46 30	69 41	55 37	27 28	63 28	75 31	61 40	60 46	60 46	62 28	83 47	80 54	65 36	45 38	52 41	73 45	62 44	58 34	65 42	71 34	70 42	63 48	54 46	49 43	38 43	59 45		
WAUKEGAN 2 WNW	MAX MIN	42 21	43 36	38 26	35 22	39 30	58 41	57 37	42 28	57 28	65 30	75 40	67 46	62 43	60 34	83 46	82 60	68 36	42 38	47 39	75 43	68 46	57 41	67 36	58 35	75 40	58 49	61 48	56 45	50 45	62 45		
WHEATON COLLEGE	MAX MIN	47 23	50 38	49 29	40 24	44 32	69 44	67 35	49 24	52 26	63 39	75 43	64 50	63 49	62 41	83 50	80 																

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Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MCNMOUTH	MAX	51	69	56	44	48	73	69	47	60	67	73	71	62	65	68	85	81	69	51	64	74	69	60	65	70	75	76	72	55	55	64.8 41.2
	MIN	25	42	35	25	35	36	37	29	28	37	45	50	45	38	34	52	61	43	39	38	55	45	50	39	38	49	52	48	43	43	
OLINCY	MAX	58	75	59	44	50	78	63	47	61	70	76	73	65	66	76	86	81	68	56	74	76	71	64	76	73	77	79	67	56	65	67.7 46.0
	MIN	30	49	41	38	38	39	38	32	29	37	53	54	47	43	39	61	64	47	45	53	60	45	54	45	47	58	54	48	47	46	
OLINCY FAA AIRPORT	MAX	56	73	52	42	50	73	51	47	59	70	74	69	62	65	74	85	80	58	58	74	73	72	56	65	71	76	76	55	51	62	64.3 43.6
	MIN	29	47	30	29	37	37	34	31	26	39	50	53	46	41	35	59	58	48	44	48	55	46	50	44	46	56	53	49	44	45	
RUSHVILLE	MAX	55	73	58	53	56	75	58	47	58	62	73	58	62	66	76	86	83	68	52	75	75	70	60	62	75	76	78	78	52	63	66.1 42.7
	MIN	27	37	27	28	32	42	40	31	25	38	42	52	42	36	36	47	62	46	42	42	52	52	52	43	52	58	60	52	41	44	
CENTRAL 04																																
BLOOMINGTON NORMAL	MAX	51	64	64	42	54	72	71	44	55	65	72	71	62	64	65	83	81	75	53	66	70	70	64	64	69	72	71	71	54	54	64.4 42.8
	MIN	26	42	36	26	31	44	43	30	27	38	48	52	48	41	37	51	60	40	42	48	57	45	49	43	37	49	55	51	46	43	
CHENOA	MAX	51	65	60	43	58	71	60	41	56	65	73	63	64	54	65	84	82	67	62	70	65	60	63	70	74	72	67	50	52	63.0 40.7	
	MIN	23	38	30	24	34	39	38	30	27	35	43	50	48	40	35	51	60	37	47	55	45	44	36	32	46	55	50	45	42		
DECATUR	MAX	52	67	60	45	58	74	64	41	56	68	73	68	65	66	67	83	81	69	62	75	72	67	58	68	72	77	76	71	52	58	65.5 44.8
	MIN	27	46	35	29	38	40	40	32	27	37	48	53	49	48	33	55	60	47	47	55	57	47	51	43	45	54	58	51	47	45	
FARMER CITY	MAX	51	66	60	45	60	72	68	41	58	66	73	66	64	68	66	83	82	68	58	70	70	68	65	65	69	75	73	70	54	54	65.1 42.5
	MIN	25	41	27	27	36	41	40	29	26	32	45	51	48	40	32	50	59	41	43	50	57	45	49	40	40	50	57	50	46	43	
HAVANA	MAX	53	70	62	45	56	75	65	46	59	68	75	69	65	66	69	86	85	73	54	70	74	72	68	65	71	75	77	74	55	60	66.7 43.4
	MIN	23	42	38	28	38	45	41	32	25	37	45	53	48	41	33	56	56	47	43	48	58	46	52	42	41	52	53	49	45	45	
LACON																																
LINCOLN	MAX	51	69	59	48	58	75	68	44	58	68	74	68	65	67	68	84	82	66	57	74	73	68	56	58	72	78	77	70	52	59	65.5 43.9
	MIN	26	44	32	28	38	48	39	32	26	34	46	52	48	42	34	56	58	43	44	50	57	48	52	50	47	52	54	51	46	44	
MASON CITY																																
MINONK	MAX	53	67	60	43	56	72	55	43	60	67	75	64	66	67	68	86	81	67	51	55	71	67	62	64	71	75	74	69	54	53	63.9 40.6
	MIN	24	39	31	25	34	40	38	29	26	34	44	49	48	39	33	50	59	38	39	45	54	45	46	38	36	45	54	49	45	43	
PEORIA WB AIRPORT	MAX	52	69	48	43	56	71	51	45	57	66	75	62	63	64	67	85	78	59	54	64	72	65	59	63	70	75	74	56	51	54	62.3 42.1
	MIN	26	43	27	27	37	42	35	31	28	39	46	53	44	41	34	52	59	43	42	48	55	46	43	43	39	51	54	48	44	44	
PRINCEVILLE 1 N	MAX	50															85	82	70	51	60	73	70	65	64	75	75	74	70	54	53	64.4 43.4
	MIN	25															54	60	42	40	45	53	45	45	40	48	48	54	50	46	43	
EAST 05																																
DANVILLE	MAX	53	64	60	47	57	73	71	46	55	65	74	70	66	67	65	82	82	73	62	72	73	68	64	67	70	72	72	72	57	58	65.9 44.1
	MIN	23	43	37	28	39	40	45	33	28	39	38	52	52	42	32	54	57	42	52	53	58	50	47	43	42	52	58	52	46	45	
HOOPESTON	MAX	49	61	58	43	53	71	64	42	54	63	72	64	65	64	63	80	81	68	54	67	71	67	63	64	67	69	69	67	53	54	62.7 41.9
	MIN	24	40	31	25	34	44	42	31	26	37	39	50	50	44	34	48	59	39	45	49	53	46	43	39	39	48	58	51	46	44	
KANKAKEE 3 SW	MAX	50	63	62	45	47	70	69	43	56	62	74	70	65	65	64	83	84	79	50	57	71	68	62	60	70	69	67	60	50	63.4 41.4	
	MIN	24	40	33	24	33	41	43	31	26	37	39	49	51	41	31	49	59	39	41	45	53	45	42	40	38	46	58	51	48		44
PONTIAC	MAX	52	65	64	45	52	72	72	45	57	66	75	72	64	64	66	85	83	78	50	58	71	70	65	64	69	72	72	72	58	52	65.0 42.5
	MIN	25	40	36	25	28	40	44	32	28	39	46	50	50	42	36	51	62	40	41	47	55	46	47	39	38	48	56	51	49	44	
RANTOUL CHANUTE AFB	MAX	49	63	45	43	58	70	52	39	53	61	71	63	63	63	63	79	79	59	55	67	71	64	61	64	67	70	71	61	52	54	61.0 43.3
	MIN	24	45	29	27	37	43	37	32	29	39	42	50	47	45	33	40	59	41	47	55	61	48	47	43	43	53	58	52	46	46	
ROBERTS 3 N	MAX	51	64	59	40	54	70	61	43	55	64	75	65	65	65	65	82	83	73	51	64	70	68	61	64	69	70	77	66	55	56	63.5 42.0
	MIN	23	40	31	25	35	45	41	35	28	37	41	44	49	44	34	53	64	40	42	47	55	45	46	38	37	47	58	49	46	43	
URBANA	MAX	52	64	57	44	59	71	57	40	54	65	72	65	64	65	65	80	80	62	62	73	71	65	60	65	70	72	72	62	51	55	63.1 43.6
	MIN	26	43	30	29	36	44	37	32	30	40	44	51	48	42	38	53	58	42	46	52	58	48	46	43	43	52	57	50	45	44	
WATSEKA 2 NW	MAX	51	61	60	43	42	72	70	44	55	64	73	71	65	65	62	80	83	80	50	60	72	70	63	65	68	68	68	60	52	53	63.5 41.7
	MIN	22	41	35	25	33	33	42	32	27	38	41	49	53	40	36	50	58	39	43	43	53	49	43	39	38	47	59	53	47	44	
WEST SOUTHWEST 06																																
ALTON OAM 26	MAX	57	73	64	45	64	75	62	43	58	68	73	64	64	64	70	84	78	70	70	81	72	73	72	69	75	75	77	60	58	67	67.5 47.0
	MIN	31	46	35	33	42	41	39	25	34	44	42	44	48	44	49	64	62	55	54	58	58	51	53	50	54	59	51	49	48	48	
CARLINVILLE	MAX	56	71	69	44	62	75	70	43	60	72	73	65	67	68	69	85	80	75	71	82	72	71	68	68	77	77	77	73	56	66	68.7 46.0
	MIN	28	47	38	32	40	40	42	33	28	39	48	52	48	44	38	55	59	55	51	55	58	48	53	45	50	55	54	51	48	45	
GRIGGSVILLE	MAX	55	75	61	41	58	78	63	46	60	69	76	71	65	67	72	86	81	65	65	77	74	72	61	64	72	76	79	73	57	65	67.6 44.5
	MIN	27	41	38	29	38	37	41	30	32	41	47	52	47	42	40	60	62	45	45	51	59	45	52	43	45	53	52	51	45	45	
HILLSBORO	MAX	53	68	67	44	60	74	68	43	58	68	73	69	67	68	66	84	80	73	70	79	75	70	72	70	74	77	77	66	54	64	67.7 46.5
	MIN	43	47	35	32	38	40	43	33	27	39	47	52	48	44	33	5															

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APRIL 1964

Continued

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EFFINGHAM	MAX	49	56	65	55	49	60	75	57	39	56	68	75	67	67	68	68	81	80	76	76	78	73	72	71	72	75	78	73	56	63	
	MIN	28	30	34	32	33	47	50	34	29	38	49	52	52	46	38	50	56	55	54	61	60	52	53	50	49	53	58	52	48	41	
FLORA 2 Nw	MAX	58	67	66	49	60	75	70	46	57	69	75	68	68	67	67	81	79	75	78	78	74	73	76	72	75	75	78	73	58	66	
	MIN	28	46	42	33	44	48	45	37	29	39	43	52	52	39	39	49	55	55	57	60	63	48	52	54	50	52	58	50	49	41	
MARSHALL 1 E	MAX	52	63	65	40	57	73	72	50	55	65	72	72	66	66	65	78	79	74	75	76	76	68	68	70	73	72	74	74	56	59	
	MIN	24	41	40	39	41	40	49	33	28	36	37	50	53	41	36	50	53	31	52	59	62	53	47	47	42	55	57	48	48	45	
MATTOON	MAX	50	62	59	48	59	70	60	39	55	65	72	66	65	66	65	80	80	70	71	75	71	66	61	68	72	73	74	63	51	59	
	MIN	27	42	31	30	40	43	35	32	30	39	42	51	50	43	37	52	51	52	50	58	60	50	49	45	45	55	57	49	44	43	
MCWEAQUA	MAX	51	66	65	46	59	72	67	44	56	66	72	69	65	66	65	82	80	71	73	76	74	70	65	66	70	75	75	73	55	60	
	MIN	27	44	37	29	38	40	46	34	29	34	44	52	49	41	34	51	57	60	58	62	61	53	52	54	47	58	57	51	48	45	
NEWTON	MAX	55	65	65	50	60	75	71	48	57	70	75	70	68	68	68	80	79	75	79	78	74	73	74	73	76	75	78	74	55	65	
	MIN	27	44	37	32	42	49	46	34	29	38	47	52	53	43	38	50	54	55	57	61	60	53	52	51	48	58	58	51	50	40	
OLNEY	MAX	55	66	67	51	61	74	72	57	69	75	69	68	69	67	81	80	79	81	77	75	72	72	72	75	72	77	75	56	65		
	MIN	27	46	42	32	43	52	46	27	39	49	52	54	44	37	48	57	59	57	61	63	53	54	55	50	57	58	52	49	42		
PALESTINE	MAX	55	66	65	52	60	77	74	45	57	71	78	69	68	68	68	82	83	76	76	78	73	73	70	73	77	70	77	70	55	65	
	MIN	26	43	40	31	46	53	44	35	30	39	44	52	49	42	38	51	57	60	58	62	61	53	52	54	47	58	57	51	48	41	
PARIS WATERWORKS	MAX	53	63	64	51	59	74	65	44	55	63	72	67	66	66	66	81	81	68	71	75	72	66	66	69	74	71	73	70	54	58	
	MIN	25	43	37	30	39	45	43	34	29	39	43	50	53	44	35	52	58	49	52	56	62	51	50	47	43	53	58	52	47	45	
SALEM	MAX	54	68	67	47	60	76	70	46	58	69	75	68	69	68	69	82	78	76	78	79	75	72	77	70	74	78	79	74	59	68	
	MIN	29	48	41	33	45	51	45	35	36	39	45	52	50	37	35	52	59	57	57	57	64	52	54	53	51	58	56	51	49	40	
TUSCOLA	MAX	51	63	62	45	59	72	69	43	56	66	73	69	67	67	66	80	82	70	71	75	73	67	66	66	70	75	74	73	55	60	
	MIN	26	43	38	29	38	42	43	32	28	38	44	53	50	48	33	48	45	47	45	55	58	49	51	43	43	54	54	49	45	44	
VANOALIA FAA AIRPORT	MAX	53	67	61	47	61	74	60	40	58	70	73	66	67	67	67	83	77	75	75	78	71	75	74	70	73	76	77	62	53	65	
	MIN	29	46	35	33	43	42	37	31	27	39	47	53	49	43	37	57	57	51	54	60	59	51	53	49	51	55	54	51	44	43	
WINOSOR	MAX	53	64	62	45	59	74	73	43	55	65	73	67	66	66	67	81	80	69	72	76	74	67	67	62	72	75	76	74	58	61	
	MIN	27	42	38	30	40	45	42	32	29	38	45	52	50	44	33	46	57	56	51	52	60	50	52	45	45	53	57	50	47	43	
SOUTHWEST 08																																
ANNA 1 E	MAX	61	68	75	50	60	75	68	49	58	71	74	66	69	69	71	79	77	80	83	80	78	78	75	75	78	75	78	75	65	72	
	MIN	32	58	47	36	46	55	48	36	30	38	43	52	51	43	42	52	58	61	65	67	65	57	57	60	56	60	60	53	50	42	
BELLEVILLE SCOTT AFB	MAX	57	70	65	44	62	74	57	40	59	67	72	64	66	66	68	84	76	76	75	79	71	69	77	64	73	75	76	61	56	67	
	MIN	29	50	38	33	44	44	39	34	29	40	48	53	49	42	40	54	59	56	55	65	60	52	54	54	53	56	55	53	48	45	
CAIRO WB CITY	MAX	66	71	77	54	64	75	73	48	57	70	75	65	66	71	71	79	76	79	81	81	73	79	73	77	74	74	80	71	68	72	
	MIN	39	61	48	41	51	58	46	38	34	43	52	55	54	51	49	56	61	66	68	69	63	63	62	62	62	65	62	56	54	47	
CARBONALE SEWAGE PL	MAX	60	71	75	50	52	76	70	51	60	73	75	69	71	70	71	80	79	79	83	80	77	76	77	72	77	77	78	75	67	71	
	MIN	31	56	48	36	48	51	50	37	29	42	45	51	53	40	38	53	61	61	58	69	67	54	56	58	55	59	61	54	50	45	
CARLYLE RESERVOIR	MAX	55	62	69	65	44	58	74	57	40	58	66	74	68	67	68	88	83	76	74	73	78	74	70	75	70	77	81	77	63	55	
	MIN	27	36	55	33	35	44	52	35	29	38	51	53	57	45	39	49	60	62	65	66	63	53	53	53	54	56	52	53	49	45	
COBOEN 2 S	MAX	61	68	75	50	61	75	70	55	57	72	74	71	68	69	69	78	75	77	81	79	77	78	75	75	78	75	76	74	65	72	
	MIN	32	57	49	35	49	57	51	36	28	41	42	52	57	40	39	55	58	62	63	66	66	58	56	60	55	60	61	52	50	39	
OU QUON 2 S	MAX	62	70	72	49	61	75	72	70	59	70	75	75	70	69	70	80	76	77	80	79	75	74	76	72	76	77	78	74	61	70	
	MIN	32	51	45	35	47	54	49	37	29	41	47	47	51	43	40	52	53	58	59	65	61	53	58	59	54	60	61	52	50	46	
EAST ST LOUIS PK5 COL	MAX	60	74	72	43	63	81	72	47	69	70	81	73	66	71	73	86	85	79	85	80	75	75	76	67	75	77	67	61	68		
	MIN	36	54	37	32	43	45	39	34	33	45	56	58	50	43	39	65	67	58	53	64	63	50	56	54	54	59	57	52	48	45	
MAKANDA 1 Nw	MAX	60	69	77	60	75	69	52	58	70	74	69	69	69	69	70	78	76	76	83	78	77	75	75	71	77	75	77	73	68	70	
	MIN	30	53	46	38	57	57	69	50	34	40	50	49	45	40	41	43	57	53	65	62	66	56	61	52	54	56	63	54	54	49	
NASMVILLE 3 Nw	MAX	58	69	69	46	62	74	71	48	59	79	74	70	68	69	68	84	76	86	81	76	72	78	76	76	76	76	68	68	69		
	MIN	31	49	43	33	45	53	47	35	28	41	47	53	49	40	38	54	56	59	59	63	49	55	53	58	58	51	49	46	42		
NEW BURNSIDE	MAX	60	69	76	52	61	77	72	58	60	72	76	73	68	69	72	80	77	79	84	81	78	77	76	72	77	74	80	79	66	72	
	MIN	29	55	51	36	47	58	51	36	25	42	48	53	54	44	36	52	58	62	63	67	67	55	54	58	55	58	60	54	49	40	
SPARTA	MAX	62	70	72	45	61	75	73	51	60	70	74	71	70	70	70	84	78	77	79	80	74	73	78	69	77	75	77	74	63	71	
	MIN	34	56	45	33	41	47	51	34	29	44	51	54	49	44	39	55	59	61	60	65	59	51	56	58	54	58	56	54	49	46	
WATERLOO 1 WSW	MAX	60	73	72	44	63	78	75	46	61	72	75	71	68	69	72	86	83	77	78	82	76	73	80	73	74	76	78	77	63	69	
	MIN	28	51	43	34	40	47	46	35	26	41	46	53	48	44	37	56	63	61	58	63	62										



# SNOWFALL AND SNOW ON GROUND

ILLINOIS  
APRIL 1964

Station	Day of month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST 01																															
FREEPORT			T									T																			
MOLINE WB AIRPORT												T	T																		
NORTHEAST 02																															
ANTIOCH				T	T							T																			
AURORA COLLEGE																															
CHICAGO WB AIRPORT																															
OTTAWA																															
SYCAMORE																															
WEST 03																															
QUINCY FAA AIRPORT																															
CENTRAL 04																															
BLOOMINGTON NORMAL																															
PEORIA WB AIRPORT																															
EAST 05																															
HOOPESTON																															
KANKAKEE 3 SW																															
RANTOUL CHANUTE AFB																															
WEST SOUTHWEST 06																															
SPRINGFIELD WB AIRPORT																															
WHITE HALL : E																															
EAST SOUTHEAST 07																															
TUSCOLA																															
VANDALIA FAA AIRPORT																															
SOUTHWEST 08																															
BELLEVILLE SCOTT AFB																															
SOUTHEAST 09																															
HARRISBURG																															

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 AM CST	NOON CST	6:00 PM CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
CAIRO WB CITY	S*	-	11.5	38	SW*	2	-	-	-	-	5	3	6	1	1	0	16	49	7.1
CHICAGO O HARE AIRPORT	17	6	14.0	37++	23	13+	73	79	61	63	7	3	7	3	1	0	21	-	7.6
CHICAGO MIDWAY AIRPORT	18	7	13.3	39	SW	13	67	74	60	60	6	1	8	1	2	0	18	50	7.2
MOLINE WB AIRPORT	09	7	13.7	43	SW	13	72	78	57	58	8	5	4	1	3	0	21	45	7.6
PEORIA WB AIRPORT	06	9	11.9	43	SW	13	75	80	61	61	6	4	4	3	3	0	20	53	7.7
ROCKFORD WB AIRPORT	07	7	13.8	37++	22	13	75	80	58	61	8	3	4	3	2	1	21	-	7.5
SPRINGFIELD WB AIRPORT	17	7	15.1	39	SW	21	71	78	61	60	10	2	4	1	4	1	22	54	7.1

0 DIRECTIONS ENTERED IN FIGURES ARE TENS OF DEGREES.  
\* TO 8 COMPASS POINTS ONLY



# DAILY SOIL TEMPERATURES

ILLINOIS  
APRIL 1964

STATION AND DEPTH	TIME	Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA																																	
4 INCHES	7 AM	38	43	47	40	42	46	52	47	41	45	49	54	53	49	48	52	55	57	57	57	60	58	57	59	55	60	61	59	58	59	51.9	
	MAX	41	44	48	47	46	46	55	54	47	50	54	54	53	55	55	61	58	60	57	58	61	61	63	63	60	60	61	63	61	63	55.3	
	MIN	36	37	43	40	40	40	46	47	41	41	45	49	50	48	48	48	52	54	54	56	56	58	57	59	54	55	55	59	58	59	49.5	
8 INCHES	7 AM	39	41	45	42	43	45	50	48	44	46	48	52	52	50	50	51	54	55	56	56	63	58	58	56	56	58	59	59	58	61	51.8	
	MAX	40	43	45	46	45	45	50	50	48	47	49	52	52	52	52	52	55	56	56	56	63	58	59	58	57	58	59	60	59	63	52.8	
	MIN	38	39	41	42	42	42	45	48	44	44	45	48	49	50	50	49	51	54	55	56	56	58	58	56	55	56	56	59	58	59	50.1	

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS SOO. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

# EVAPORATION AND WIND

Station		Day Of Month																															Total Evap. or Avg.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHWEST 01																																			
HENNEPIN POWER PLANT	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.15	.22	.22	.19	.18	.08	-	-		
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	172	30	59	88	83	108	68	85	88	-
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	76	77	79	79	66	51	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	43	50	58	54	50	46	-	
EAST 05																																			
URBANA																																			
URBANA	EVAP	.08	.10	.13	.14	.10	.03	.21	.15	.04	.17	.18	.19	.12	.29	.23	.21	.37	.38	.08	-	.07	.14	.16	.05	.17	.16	.15	.11	.12	.03	4.518			
	WIND	79	87	90	115	110	94	77	84	59	90	42	70	141	161	73	75	174	152	84	51	58	125	50	71	79	71	95	56	70	64	2627			
	MAX	-	-	64	-	51	65	77	65	42	64	72	71	86	88	69	69	78	77	84	63	74	73	66	60	73	77	75	74	68	54	67.4			
	MIN	-	-	44	-	37	33	49	36	33	32	43	46	46	40	40	41	49	55	57	53	55	51	50	43	44	45	52	53	50	45	45.3			
WEST SOUTHWEST 06																																			
SPRINGFIELD WB AIRPORT																																			
SPRINGFIELD WB AIRPORT	EVAP	.12	.20	.15	.02	.01	.34	-	.20	.23	.12	.27	.31	.08	.35	.42	.14	.49	.38	.08	.26	.44	.16	.26	.05	.16	.20	.24	.29	.06	.08	6.328			
	WIND	133	141	192	189	179	114	-	179	254	92	73	137	156	232	148	98	204	203	108	102	130	154	143	105	144	113	112	152	73	162	43688			
	MAX	50	67	64	43	55	74	-	67	46	62	73	70	84	69	68	69	79	72	68	60	78	72	75	72	73	78	78	80	74	59	67.6			
	MIN	33	45	43	33	39	47	-	44	33	30	39	48	53	51	41	40	51	56	56	50	55	61	50	54	44	47	54	57	52	49	46.7			
SOUTHWEST 08																																			
CARLYLE RESERVOIR																																			
CARLYLE RESERVOIR	EVAP	.15	.15	.10	*	*	.40	.20	.22	.11	.17	*	*	*	.98	.27	.30	.42	*	*	*	.61	*	.42	.17	*	*	.52	.24	.10	.10	5.63			
	WIND	92	129	231	*	*	454	119	154	105	97	*	*	*	539	89	155	228	*	*	*	468	*	189	116	*	*	263	92	113	82	3715			
	MAX	62	54	64	-	-	60	76	67	41	64	-	-	-	74	71	69	77	-	-	-	78	-	82	80	-	-	79	80	75	57	-			
	MIN	34	35	52	-	-	33	53	34	32	35	-	-	-	42	41	44	52	-	-	-	57	-	52	54	-	-	51	53	50	46	-			

See reference notes following Station Index.

# STATION INDEX

ILLINOIS  
1964

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	OBSERVATION TIME AND TABLES				OBSERVER
						TEMP.	PRECIP.	EVAP.	SPECIAL								TEMP.	PRECIP.	EVAP.	SPECIAL	
ALBTON	0055	EDWARDS	7	38 23	88 03	530	6P	6P	H	BESSIE ELLEN	MARIETTA	5334	FULTON	1	40 30	90 24	546			JOSEPH ACE NCCANCE	
ALEDO	0072	MERCER	4	41 13	90 45	720	6P	6P	C	GENE L. BURGESS	HARION 2 W	5342	WILLIAMSON	4	37 44	88 57	448	5P		OREL W. TURNER	
ALTON WATERWORKS	0130	EDWARDS	7	38 23	88 03	530	6P	6P	H	MUNICIPAL WATERWORKS	MARION 2 W	5342	WILLIAMSON	4	37 44	88 57	448	5P		PROF. LYLE FINLEY	
ALTON DAM 26	0131	MADISON	4	38 53	90 11	432	H10	7A	C	U S CORPS OF ENGINEERS	MARSHALLS LOCK	5372	LA SALLE	1	41 20	88 45	486			U S CORPS OF ENGINEERS	
ANNA 1 E	0187	UNION	5	37 28	89 14	685	6P	6P	C	JOHN MARITINE	MARSHALL 1 E	5380	CLARK	3	39 23	87 41	970	5P		ERNEST THOMAS PINE	
ANNUM	0203	CLAY	6	42 29	88 02	740	7P	7P	H	WALTER R. ROSS	5413	MACON	5	41 07	89 04	625	6P		VICTOR B. TOWNSEND		
AUGUSTA 2 W	0310	HANCOCK	6	40 14	90 59	680	6P	6P	C	J. B. NICHOLS	MATSON	5430	COLES	3	39 28	88 21	718	M10		GEORGE FRANCIS	
AURORA COLLEGE	0358	KANE	1	41 45	88 20	740	7P	7P	H	AURORA COL PHYSICS DEPT	MCNEYS LOCK AND DAM	5493	MCHENRY	1	39 23	89 24	628	6P		EDWARD LEWIS KOCHMOU	
AURORA 5 NE	0405	FULTON	7	42 10	88 09	810	6P	6P	C	JAMES R. NICHOLS	MORRISONVILLE 4 SE	5515	HAMILTON	5	38 05	88 32	458	6P		F. G. FRÄZIER	
BARRINGTON 1 NW	0442	LAKE	1	42 10	88 09	810	6P	6P	C	CHICAGO AERIAL L10 23	MEDORA	5539	MACOUPIN	1	39 10	90 08	620	6P		M. F. DOOGUE	
BARRY	0445	PIKE	4	39 41	91 03	640	7A			GEORGE E. GRIDER	MIMON	5712	WOODFORD	1	40 54	89 02	755	7P		HOMER C. PARKS	
BEARDSTOWN	0492	CASS	1	40 01	90 26	445	8A			THOMAS E. PHELPS	HOLLINE WB AIRPORT	5751	ROCK ISLAND	6	40 27	90 31	982	M10		U S WEATHER BUREAU	
BELEVUE SCOTT AFB	0510	ST CLAIR	2	38 30	89 51	447	NI	M10	C	U S AIR FORCE	MORMOUTH	5760	WARREN	4	40 55	90 38	770	6P		PROF. LYLE FINLEY	
BELOUEVE SERVICE PLANT	0583	BOONE	4	42 16	88 52	753				CITY OF BELOUEVE	MORTICELLO	5791	PIATT	1	40 02	88 34	625	5P		LEE F. GIFFIN	
BENTLEY 1 NW	0598	HANCOCK	6	40 22	91 08	635	6A			GEORGE E. FECHT	MORRIS	5820	GRUNDY	4	41 21	88 26	920	7A		RAY WEBB	
BENTON FOREST SERVICE	0608	FRANKLIN	4	38 02	88 55	405	6A			HUGH E. BOYD	MORRIS 5 N	5825	GRUNDY	4	41 27	88 24	580	6P		PHILLIP C. COLLINS	
BLOOMINGTON WATERWORKS	0761	MCLAIN	1	40 30	89 01	775	7A			LLOOMINGTON WATERWORKS	MORRISON	5833	WHITESIDE	6	41 49	89 58	603	5P		CITY OF MORRISON	
BLOOMINGTON NORMAL	0764	MCLAIN	1	40 30	89 01	775	7A			ILL STATE NORMAL UNI	MORRISONVILLE	5841	CHRISTIAN	3	39 25	88 28	638			MRS GORDOY A BULLARD	
BLUFFS	0781	SCOTT	1	40 65	90 32	567	8A			VERNON A. MORITRUP	MORRISONVILLE 4 SE	5846	CHRISTIAN	3	39 23	89 24	629	7P		F. G. FRÄZIER	
BROOKPORT DAM 52	0993	MASSAC	5	37 08	88 39	330	6P	6A		U S CORPS OF ENGINEERS	MOUNT CARMEL	5893	WABASH	7	38 24	87 46	390	8A		M. CARL SEVER DEPT	
CAIRO NW CITY	1164	ALEXANDER	4	37 00	89 10	314	M10	M10	C	U S WEATHER BUREAU	MOUNT CARROLL	5901	CARROLL	4	42 05	89 58	817	7P	6A	JAMES F. MCCRAY	
CANTON	1251	FULTON	7	40 34	90 02	655	6P			FLOYD D. MAMMONO	MOUNT OLIVE 1 E	5917	MACOUPIN	4	39 04	89 42	685	7A		MARLO HARBURGER	
CARBONDALE SEWAGE PL	1265	JACKSON	5	37 44	89 12	650	6P	6P	C	ALVIN GARBER	MOUNT PULASKI	5923	LOGAN	1	40 17	89 17	645	6P		ALVA BROWN	
CARLINVILLE	1280	MACOUPIN	1	39 17	89 52	625	6P	6P	C	JACK A. CAMPBELL	MOUNT STERLING	5935	BROWN	1	39 59	90 46	711	5P		HOMER L. RENAKER	
CARLYLE	1288	CLINTON	2	38 36	89 22	461	7A			HUN WATER AND POWER PL	MOUNT VERNON	5943	JEFFERSON	3	38 19	88 55	900	6P	7A	HONARD HEANEY	
CARLYLE RESERVOIR	1290	CLINTON	2	38 36	89 22	461	7A			U S CORPS ENGINEERS	MONMOUTH	5950	SHELBY	4	39 02	88 02	615	6P		MALDON BOYLEN	
CARMI E	1296	WMI	6	37 10	88 12	390	6A	BA		HUBERT DOEBLER	MURPHYSBORO WATERWORKS	5983	JACKSON	3	37 46	89 19	420	6P		MURPHYSBORO WATER CO	
CENTRALIA 2 NE	1386	MARION	2	38 33	89 07	476	6P			CITY OF CENTRALIA	NASHVILLE 3 NW	6011	WASHINGTON	2	38 23	88 24	940	6P		R. E. SCHLEIFER	
CHANDLERVILLE	1429	CAHON	5	40 58	90 01	478	6P			IMPERATIVE 4/22/4/3	NORFOLK	6089	RENOVA	1	39 23	87 42	739	7P		M. G. FRÄZIER	
CHANNANON DRESDEN ISL	1420	GRUNDY	1	41 24	88 17	505	7A			U S CORPS OF ENGINEERS	NEW BOSTON DAM 17	6080	INCLINE	4	41 11	91 03	948	8A		U S CORPS OF ENGINEERS	
CHARLES7ON	1436	COLES	7	39 29	88 11	710	6P	7A		EASTERN ILL. UNIV.	NEW BURNSIDE	6093	JOHNSON	5	37 35	88 46	560	5P		HEE MCCABE	
CHENOA	1475	MCLAIN	1	40 44	88 44	710	5P	5P		C. MERLE PARRY	NEMTON	6159	JASPER	7	39 00	88 10	513	6P		GEORGE H. PAYNE	
CHICAGO 1 BIRNDAHL	1522	COOK	3	41 40	87 36	593	6P	6P	C	ALVIN GARBER	NEWTON	6168	DECATUR	6	40 08	88 08	518	6P		ALVIN GARBER	
CHICAGO CALUMET TR WKS	1522	COOK	3	41 40	87 36	593	6P	6P	C	CHICAGO SANITARY DIST	OREGON	6420	COOK	6	42 00	89 20	690			JOHN A. BEED	
CHICAGO LAREW PMP STA	1532	COOK	3	41 58	87 40	651	7A			CITY ENGR WATER PURIF	OTTAWA	6496	DECATUR	6	41 22	88 50	474	7P	7P	C. A. SCHUMACHER	
CHICAGO LLOYD UNIV	1542	COOK	3	41 58	87 40	651	7A			CHICAGO SANITARY DIST	PALESTINE	6526	LA SALLE	1	41 22	88 50	474	7P	7P	C. A. SCHUMACHER	
CHICAGO MAYER PMP STA	1542	COOK	3	41 58	87 40	651	7A			CITY ENGR WATER PURIF	PANA	6579	CHRISTIAN	2	39 23	89 05	696	7P	7A	C. A. SCHUMACHER	
CHICAGO N 80 PMP STA	1547	COOK	3	41 58	87 42	659	7A			CHICAGO SANITARY DIST	PARIS SEWAGE PLANT	6605	COOK	3	41 37	87 41	700	7P		CITY OF PARIS	
CHICAGO O HARE AIRPORT	1552	COOK	3	41 42	87 38	659	7A			U S WEATHER BUREAU	PARIS SEWAGE PLANT	6610	COOK	3	41 37	87 41	700	7P		CITY OF PARIS	
CHICAGO ROSELAND PUMP	1552	COOK	3	41 42	87 38	659	7A			CITY ENGR WATER PURIF	PARK FOREST	6616	COOK	3	41 30	87 41	710	M10		H. PARK FOREST WATER CO	
CHICAGO RACINE PUMP	1557	COOK	3	41 49	87 41	640	6P			CHICAGO SANITARY DIST	PAW PAW	6661	LEE	1	41 41	88 59	928	7A		U S WEATHER BUREAU	
CHICAGO SAN DIST OFF	1562	COOK	3	41 54	87 38	630	6P			CHICAGO SANITARY DIST	PATSON	6670	ADAMS	1	41 39	89 15	780	8A		U S CORPS OF ENGINEERS	
CHICAGO S FILTER PLANT	1562	COOK	3	41 54	87 38	630	6P			CITY ENGR WATER PURIF	PEORIA WB AIRPORT	6704	ADAMS	1	41 39	89 15	780	8A		U S WEATHER BUREAU	
CHICAGO SPRINGFIELD PMP	1567	COOK	3	41 55	87 48	630	6P			CITY ENGR WATER PURIF	PEOTONE	6725	WILL	1	41 20	87 48	722	6P		HINA CUI	
CHICAGO UNIVERSITY	1572	COOK	3	41 47	87 36	594	M10	M10	C	U S WEATHER BUREAU	PERU SEWAGE PLANT	6753	LA SALLE	1	41 20	89 08	640	M10		PERU SEWAGE PLANT	
CHICAGO WB AIRPORT	1572	COOK	3	41 47	87 36	594	M10	M10	C	U S WEATHER BUREAU	PERU SEWAGE PLANT	6753	LA SALLE	1	41 20	89 08	640	M10		PERU SEWAGE PLANT	
CHICAGO WB CITY	1582	COOK	3	41 53	87 38	594	M10	M10	C	U S WEATHER BUREAU	PERU SEWAGE PLANT	6753	LA SALLE	1	41 20	89 08	640	M10		PERU SEWAGE PLANT	
CHILLICOTHE	1677	PEORIA	1	40 55	89 29	460	8A			JOHN C. KUHN	PIPER CITY	6819	FORO	1	40 45	88 11	670			REV. ROBERT PITTSCH	
CHILTON	1684	WAYNE	6	38 31	89 28	450	6P			JEANINE H. BURMAN	PITTSFIELD 3 NE	6833	PIKE	4	39 37	90 45	640	7A		PITTSFIELD WATERWORKS	
CLINTON 1 SSW	1723	COOK	3	41 08	88 58	746	5P			R. E. PETRAT	PLEASANT BAY	6891	KEOKUK	1	40 53	88 37	647	5P	7A	ILLINOIS WATER SERV CO	
COBLEN 2 S	1775	UNION	4	37 30	89 15	540	6P	6P		R. G. ANDERSON	PRAIRIE OIL ROCHER	6953	RANDOLPH	4	38 05	90 06	396	7A		FRANCIS E ROBERT	
COULTERVILLE 1 SSW	1944	RANDOLPH	2	38 11	89 36	910	6P			WARREN BIRCHLER	PRINCETVILLE 1 N	7006	PEORIA	1	40 57	89 46	725	6P		FRANK S. STEWART	
CRETE	2011	ILL	3	41 27	87 38	660	6P	6P	C	VILLAGE OF CRETE	PRINCETVILLE 1 N	7016	WHITESIDE	6	41 40	89 56	605	7P	7A	PUBLIC SERVICE CO N 973	
DANVILLE	2140	VERMILION	7	40 08	87 39	558	5P	5P		INTERSTATE WATER CO	QUINCY	7067	ADAMS	1	40 57	91 24	601	7P		A. M. GIBSON	
DANVILLE SEWAGE PLANT	2145	VERMILION	7	40 06	87 36	527	7A			DANVILLE SEWAGE PLANT	QUINCY FAA AIRPORT	7072	ADAMS	1	40 56	91 11	762	M10		U S FED AVIATION AGENCY	
DECATUR	2293	COOK	3	41 39	89 18	436	6P	7P	C	U S WEATHER BUREAU	QUINCY DAM 21	7077	ADAMS	1	40 56	91 26	648	6P		U S CORPS OF ENGINEERS	
DIXON	2348	LEE	6	41 50	89 29	696	6P	7A	C	ROBERT H. NELLIS	QUINCY MEMORIAL BRIDGE	7082	ADAMS	4	39 56	91 24	748	7A		HARRY A. VOLLRAMP	
DOWN 2 NE	2417	MCLAIN	1	40 25	88 51	794	6P			ADA A. DEVINE	RANTOUL CHARUTE AFB	7150	CHAMPAIGN	7	40 18	88 09	740	M10		U S AIR FORCE	
DUQUEN 2 S	2483	HENRY	4	37 59	89 14	436	6P	6P	C	ILLINOIS STATE POLICE	REAR BAY	7157	RANDOLPH	2	38 13	90 00	545	6P		OLIN F. KETTELKAMP	
EAST ST LOUIS PKX COL	2614	ST CLAIR	4	38 34	90 11	411	7P	7P	H	FRANKS COLLEGE	RECNIVIS	7244	WASHINGTON	4	38 22	89 11	544			MABEL MARTIN	
EDELSTEIN	2642	PEORIA	1	40 56	89 38	801	6P			HAROLD O. PRICE	ROBERTS 3 N	7331	FORO	1	40 40	88 11	740	7P	7P	H. R. E. BRADBURY	
EDWARDSVILLE	2679	MADISON	4	38 50	89 57	500	7A			MRS. DEVERA M. GEBHART	ROCKELLE 1 W	7343	OGLE	6	41 55	89 04	798	8A		CALIFORNIA PACING CORP	
EFFINGHAM	2736	KANE	1	42 02	88 17	822	7A			FRANK D. BEMUEL	ROCKFORD 6 ENE	7377	WINNEBAGO	6	42 12	89 06	724	M10		HARRIET L. REID	
ELGIN	2736	KANE	1	42 02	88 17	822	7A			R. O. BECKER	ROCKFORD WB AIRPORT	7382	WINNEBAGO	6	42 12	89 06	724	M10		U S WEATHER BUREAU	
ELIZABETHOWN	2750	HAROLD	5	37 27	88 18	401	6P	6P	C	LORENZO D. ELDREGE	ROCKFORD	7400	PIKE	4	39 32	91 01	455	6P		RICHARD J. TOWNSEND	
EVANSTON PUMPING STA	2823	UNION	4	38 01	89 18	436	6P	6P	C	CHICAGO SANITARY DIST	RUSHVILLE	7551	SCHUYLER	1	40 07	90 34	640	6P		GAIN BROS GREENHOUSE	
FAIRBURY WATERWORKS	2923	LIVINGSTON	1	40 44	88 31	691	6P	6P	C	DEPT. OF WATERWORKS	SAINT MARIIE	7603	JASPER	6	39 56	88 01	500	7A		JOSEPH E. CAMERON	
FARMER TV	2993	DE WITT	1	40 15	88 39	750	7P	7A		U S WEATHER BUREAU	SALEM	7633	MARION	2	38 28	88 57	550	6P		CITY WATER DEPARTMENT	
FLORA 2 NW	3109	CLAY	7	38 41	88 31	485	6P	6P	C	NORAM YEALE	SHAMBOON 5 NNE	7859									

REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, Station A, Box 143, Champaign, Illinois, 61824 or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sum of the negative departures of average daily temperature from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnotes following the "Evaporation and Wind" Table.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Monthly Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA Stations. For those stations snow on ground values are at 0600 C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

\* Amount included in following measurement, time distribution unknown.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of wet snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate, but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.



91° 90° 89° 88°

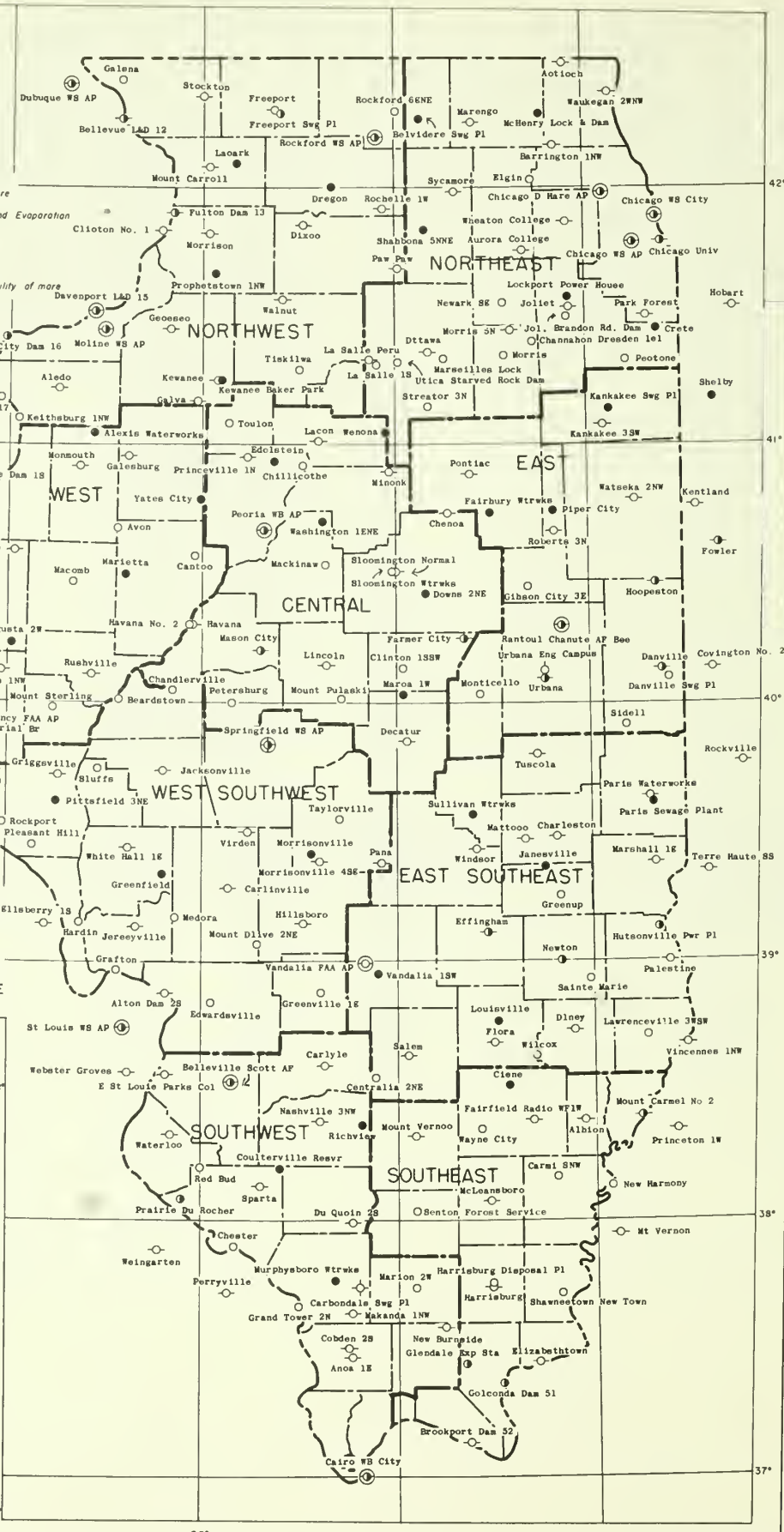
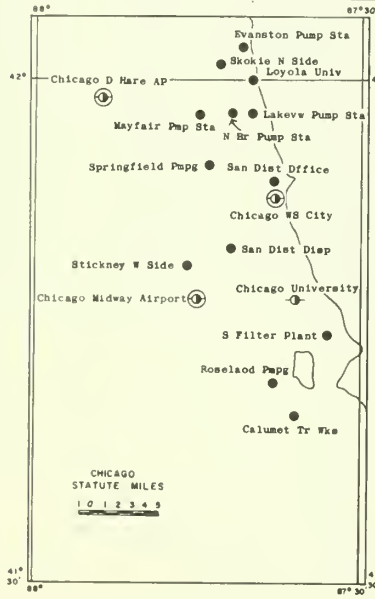
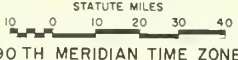
STATION LEGEND

- ● ○ Precipitation only
- ○ Precipitation, storage
- ● ○ Precipitation and Temperature
- ● ○ Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording,
- Recording ○ Both types

Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°  
New Boston Dam 17

ILLINOIS  
STATUTE MILES  
90 TH MERIDIAN TIME ZONE









U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS

MAY 1964

Volume 69 No. 5



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 96° on the 19th at Carlyle Reservoir

Lowest Temperature: 34° on the 30+ at 6 stations

Greatest Total Precipitation: 7.07 inches at Galena

Least Total Precipitation: 0.18 inch at Mason City and Danville

Greatest One-Day Precipitation: 2.96 inches on the 28th at Sparta

SPECIAL WEATHER SUMMARY

May precipitation was below normal throughout Illinois, much below normal from east to west across the center. The East Division received less than 15 percent of normal rainfall for May, the Central Division less than 20 percent of normal, and the West Division about 25 percent of normal. Some locations in all three divisions totaled less than 1/2-inch for the month. The extreme variation of rainfall over short distances was shown in the Northwest Division with more than 7 inches at Galena and less than 3/4-inch at Tiskilwa.

Above normal temperatures accentuated the moisture shortage. The average was about 3° above normal in the

extreme south and increased to about 5° above in the central and north.

Squall line thunderstorms, damaging hail, and high winds with major damage were reported on the 8th. For additional information on severe storms see STORM DATA for May 1964.

William L. Denmark  
Weather Bureau State Climatologist  
Station A, Box 143  
Champaign, Illinois 61824



# CLIMATOLOGICAL DATA

ILLINOIS  
MAY 1964

Station	Temperature											Precipitation																	
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days								
										Max.	Min.	30° or Below	31° or Below					32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWEST 01																													
ALEDO	79.3	54.9	67.1	4.9	92 18	41 14*	60	3	0	0	0	1.87	- 2.27	.82	4			.0	0		5	1	0						
DIXON	78.9	53.8	66.4	5.3	92 18	39 14	69	2	0	0	0	2.49	- 1.14	.54	16			.0	0		7	2	0						
FREEPORT	76.1	53.1	64.6	5.2	87 22	37 14	97	0	0	0	0	3.80	.04	.70	8			.0	0		8	5	0						
FULTON OAM 13	77.4	56.1	66.3		88 18	41 14	57	0	0	0	0	3.68		.95	13			.0	0		8	3	0						
GALVA	79.2	53.9	66.6	4.8	91 18	42 30*	64	2	0	0	0	.96	- 3.16	.28	13			.0	0		4	0	0						
GENESEO																													
HENNEPIN POWER PLANT	79.0	55.7	67.4		90 22*	41 14	59	2	0	0	0	2.71	- 1.25	.66	8			.0	0		7	3	0						
Kewanee	79.8	54.0	66.9		92 18	36 30	67	2	0	0	0	.93		.37	8			.0	0		4	0	0						
Moline Wb Airport	79.9	55.8	67.9		92 22*	43 14	55	4	0	0	0	1.18		.39	13			.0	0		4	0	0						
Morrison	78.1	54.5	66.3	5.1	92 18	40 14	71	3	0	0	0	2.68	- 1.12	.71	8			.0	0		7	2	0						
	79.1M	53.4M	66.3M	5.2	90 22*	37 14	69	3	0	0	0	3.21	-.83	1.04	13			.0	0		7	3	1						
MOUNT CARROLL																													
Pan Paw	76.9	53.5	65.2	5.2	88 22*	38 14	90	0	0	0	0	3.23	-.80	.72	13			.0	0		9	2	0						
Rochelle 1 W	75.8	50.7	63.3		90 24*	36 15*	119	3	0	0	0	1.30	- 2.69	.35	13			.0	0		4	0	0						
Rockford Wb Airport	75.1	51.8	63.5		91 19	36 14	121	2	0	0	0	1.95	- 1.59	.42	24			.0	0		7	0	0						
Stockton	74.5	50.7	62.6	3.5	87 22*	34 14	122	0	0	0	0	3.41	-.42	.78	12			.0	0		8	3	0						
	76.6	52.9	64.8		93 22*	39 14	83	0	0	0	0	3.01		.78	8			.0	0		9	2	0						
TISKILWA																													
Walnut	80.6	53.8	67.2		93 22*	41 14	62	3	0	0	0	.66	- 3.48	.26	13			.0	0		4	0	0						
	78.2M	53.4M	65.8M	3.8	90 18	40 14	87	1	0	0	0	2.69	- 1.45	.77	7			.0	0		7	2	0						
DIVISION																													
			65.8	4.9								2.34	- 1.53					.0											
NORTHEAST 02																													
ANTIOCH	75.8	50.5	63.2		88 22	34 29*	122	0	0	0	0	3.53		1.55	8			.0	0		6	3	1						
Aurora College	76.5	52.4	64.5	5.3	89 23*	35 14	101	0	0	0	0	1.53	- 2.21	.44	8			.0	0		5	0	0						
Barrington 1 NW	77.0	48.9	62.0		89 22*	34 29*	135	0	0	0	0	3.42		.83	9			.0	0		8	3	0						
Chicago O Hare Airport	75.0	50.4	63.7	4.9	89 22*	34 30	139	0	0	0	0	2.26	- 1.50	.98	8			.0	0		6	1	0						
Chicago University	74.2	54.2	64.2	5.8	91 23*	43 14	121	3	0	0	0	2.31	- 1.56	.70	12			.0	0		5	1	0						
CHICAGO Wb Airport																													
Chicago Wb City	77.5	54.5	66.0	6.0	92 23*	39 14	83	3	0	0	0	1.74	- 1.99	.47	8			.0	0		5	0	0						
Joliet	73.3	56.6	65.0	5.7	92 18	44 20*	112	2	0	0	0	2.21	- 1.57	.80	8			.0	0		5	1	0						
Marengo	80.0M	54.5M	67.3M		92 18	37 30	68	4	0	0	0	2.20		.62	1			.0	0		5	3	0						
Morris 5 N	78.7	51.2	65.0		91 18	34 14	95	2	0	0	0	2.80		.74	13			.0	0		6	3	0						
	78.8	51.7	65.3	4.1	93 23*	35 30	85	3	0	0	0	1.66	- 2.05	.46	8			.0	0		7	0	0						
OTTAWA																													
Park Forest	80.0	55.1	67.6	5.7	94 18	39 30	57	5	0	0	0	1.00	- 2.74	.35	13			.0	0		5	0	0						
Peru Sewage Plant	76.8	52.7	64.8		92 22*	36 14	100	3	0	0	0	.93		.26	12			.0	0		5	0	0						
Sycamore	79.1	54.9	67.0	4.4	93 18	38 14	60	4	0	0	0	.50	- 3.33	.14	12			.0	0		2	0	0						
Waukegan 2 WNW	76.8	51.7	64.3	5.1	90 22*	34 14	107	2	0	0	0	3.40	-.69	1.00	8			.0	0		8	2	1						
	74.6	52.0	63.3	6.6	90 22*	35 14	145	2	0	0	0	2.64	- 1.07	.67	8			.0	0		7	1	0						
WHEATON COLLEGE																													
	77.9	51.9	64.9		91 18	36 14	86	2	0	0	0	1.83		.55	13			.0	0		6	1	0						
DIVISION																													
			64.9	5.1								2.12	- 1.63					.0											
WEST 03																													
GALESBURG	78.2	54.8	66.5		92 18	39 14	64	2	0	0	0	.64	- 3.60	.22	12			.0	0		3	0	0						
Golden 1 NW	80.3M	55.6M	68.0M		93 18	38 14	55	6	0	0	0	.89	- 3.24	.33	26			.0	0		4	0	0						
La Harpe	80.7	55.2	68.0	5.3	93 18	40 14	50	3	0	0	0	.50	- 3.45	.20	24			.0	0		3	0	0						
Monmouth	79.5	54.7	67.1	5.1	91 21*	37 14	64	3	0	0	0	.86	- 3.26	.25	12			.0	0		5	0	0						
Quincy	81.2	59.6	70.4	5.2	93 18*	42 14	37	6	0	0	0	1.72	- 2.46	.41	26			.0	0		6	0	0						
QUINCY FAA AIRPORT																													
Rushville	78.3	56.8	67.6		90 19*	42 14	58	2	0	0	0	1.51		.32	26			.0	0		7	0	0						
	80.7	55.4	68.1	4.6	91 18	42 13	42	5	0	0	0	1.74	- 2.73	.71	17			.0	0		6	1	0						
DIVISION																													
			68.0	4.9								1.12	- 3.05					.0											
CENTRAL 04																													
BLOOMINGTON NORMAL	80.2	56.6	68.4	5.5	91 19*	42 14	45	3	0	0	0	1.07	- 3.01	.59	9			.0	0		3	1	0						
Chenad	79.8M	52.3M	66.1M		92 18	36 14	62	3	0	0	0	.83		.27	6			.0	0		4	0	0						
Ocatour	80.0	56.5	68.3	4.4	93 18	40 29	44	2	0	0	0	.84	- 3.46	.22	20			.0	0		5	0	0						
Farmer City	80.3M	53.6M	67.0M		93 22*	39 29*	62	3	0	0	0	.81		.51	12			.0	0		2	1	0						
Havana	81.6	55.2	68.4	4.7	93 22	40 30*	44	6	0	0	0	.59	- 3.50	.22	13			.0	0		3	0	0						
LACON 1 E																													
Lincoln	80.9	55.3	68.1	4.6	92 22*	39 29*	45	4	0	0	0	1.26	- 2.70	.05	26*			.0	0		0	0	0						
Mason City	79.2	56.5	67.9		90 22*	41 14	52	2	0	0	0	.18		.40	12			.0	0		5	0	0						
Minonk	80.9	53.4	67.2		94 22*	38 14	56	4	0	0	0	.69		.04	9*			.0	0		0	0	0						
Peoria Wb Airport	77.8	54.7	66.3	4.8	90 22	40 14	66	1	0	0	0	1.04	- 3.23	.38	13			.0	0		1	0	0						
					92 22*	40 31	69	2	0	0	0	.50	- 3.73	.16	12			.0	0		2	0	0						
DIVISION																													
			67.4	4.2								.78	- 3.26					.0											
EAST 05																													
OANVILLE	81.3	53.6	67.5	5.2	95 18	40 30*	52	4	0	0	0	.18	- 4.15	.09	9			.0	0		0	0	0						
HOPESTON	78.9	54.0	66.5	4.3	92 22*	37 14	64	3	0	0	0	.65	- 3.39	.34	26			.0	0		2	0	0						
Kankakee 3 Sw	81.2	53.8	67.5	6.5	94 18	36 30	57	5	0	0	0	.78	- 3.38	.33	13			.0	0		2	0	0						
PONTIAC	81.9	55.5	68.7	6.4	93 19*	39 14	43	6	0	0	0	.65	- 3.11	.21	13			.0	0		4	0	0						
RANTOUL CHANUTE AFB	77.9	55.8	66.9		91 18	40 14	61	2	0	0	0	.20		.15	11			.0	0		1	0	0						
ROBERTS 3 N																													
URBANA	81																												

# CLIMATOLOGICAL DATA

ILLINOIS  
MAY 1964

Continued

Station	Temperature											Precipitation															
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max.		Min.						Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										30° or Above	32° or Above	32° or Below	30° or Below														
WEST SOUTHWEST 06																											
ALTON DAM 26	79.6	59.4	69.5		91	21	47	29	36	3	0	0	0	2.65		1.25	27	.0	0		3	2	2				
CARLINVILLE	81.0	56.5	68.8	4.7	92	22	41	29	41	6	0	0	0	1.70	- 2.39	.57	28	.0	0		6	2	0				
GRIGGSVILLE	81.1	57.5	69.3	4.7	95	18	44	14	41	3	0	0	0	2.64		.95	19	.0	0		6	3	0				
HILLSBORO	79.6	56.2	67.9	3.6	91	22	40	29	47	3	0	0	0	3.17	- 1.05	1.22	18	.0	0		7	2	1				
JACKSONVILLE	80.2	57.2	68.7	4.7	91	22	42	14	36	4	0	0	0	2.65	- 1.61	.68	20	.0	0		8	1	0				
JERSEYVILLE																											
MORRISONVILLE 4 SE	80.5	55.6	68.1	4.7	92	22	41	14	43	2	0	0	0	1.70		2.05	17	.0	0		5	1	0				
PANA	78.8	56.3	67.6	3.4	89	22	43	29	46	0	0	0	0	1.30	- 3.00	.31	6	.0	0		5	0	0				
SPRINGFIELD WB AIRPORT R	80.6	56.8	68.7	4.8	94	22	43	29	47	6	0	0	0	1.82	- 2.06	.54	11	.0	0		6	1	0				
VIRDEN	81.0M	57.9M	69.5M		93	18	42	14	44	4	0	0	0	1.56		.83	28	.0	0		4	1	0				
WHITE HALL 1 E																											
DIVISION	79.5	56.6	68.1	3.7	90	22	44	14	45	1	0	0	0	2.87	- 1.19	.84	28	.0	0		7	2	0				
EAST SOUTHEAST 07																											
CHARLESTON	80.0	56.7	68.4		92	22	41	29	41	2	0	0	0	.83	- 3.62	.44	12	.0	0		3	0	0				
EFFINGHAM	81.5	56.4	69.0	5.5	94	18	42	29	33	3	0	0	0	1.16	- 3.12	.33	27	.0	0		5	0	0				
FLORA 2 NW	81.0	55.2	68.1	2.6	93	22	40	29	42	3	0	0	0	3.21		1.27	27	.0	0		7	2	1				
MARSHALL 1 E	80.1	53.0	66.6		91	22	39	29	51	3	0	0	0	1.09		.32	28	.0	0		5	0	0				
MATTOON	79.1	55.7	67.4		91	22	42	29	55	2	0	0	0	1.37		.94	11	.0	0		2	1	0				
MOWEAQUA																											
NEWTON	82.4	56.0	69.2		94	18	41	29	30	4	0	0	0	1.12		.48	28	.0	0		3	0	0				
OLNEY	80.2	54.9M	67.6M	2.4	92	22	38	30	48	4	0	0	0	2.40		.82	28	.0	0		6	2	0				
PALESTINE	82.1	56.3	69.2	4.3	95	22	40	29	38	3	0	0	0	1.61	- 2.83	.43	28	.0	0		6	0	0				
PARIS WATERWORKS	79.4	56.1	67.8	4.2	91	19	41	29	47	3	0	0	0	1.00	- 3.43	.38	12	.0	0		3	0	0				
SALEM																											
TUSCOLA	81.1	56.2	68.7		91	18	41	29	35	3	0	0	0	3.90	- .45	1.20	28	.0	0		6	3	1				
VANDALIA FAA AIRPORT	82.1	53.8	68.0		95	18	38	14	44	5	0	0	0	.75	- 3.44	.46	24	.0	0		2	0	0				
WINOSOR	79.9	53.5	66.7		94	17	39	29	62	5	0	0	0	1.45		.64	26	.0	0		4	1	0				
DIVISION	80.7	55.8	68.3	4.8	92	22	39	29	42	2	0	0	0	1.12	- 3.32	.62	12	.0	0		2	1	0				
SOUTHWEST 08																											
ANNA 1 E	80.7M	56.8M	68.8M	2.5	92	17	41	29	33	6	0	0	0	2.31	- 2.89	.69	28	.0	0		6	1	0				
BELLEVILLE SCOTT AFB	78.7	57.0	67.9		91	18	43	29	45	1	0	0	0	3.03		.94	11	.0	0		6	3	0				
Cairo WB CITY	80.6	62.6	71.6	2.6	91	22	49	29	20	3	0	0	0	3.46	- .93	.77	27	.0	0		7	4	0				
CARBONDALE SEWAGE PL	81.8	56.7	69.3	2.9	93	18	41	29	28	6	0	0	0	2.19	- 2.44	.90	27	.0	0		6	1	0				
CARLYLE RESERVOIR	78.7	57.2	68.0		96	19	44	29	53	2	0	0	0	2.93		1.04	28	.0	0		5	2	1				
COBDEN 2 S																											
OU QUOIN 2 S	80.1	56.2	68.2		90	22	41	29	34	3	0	0	0	1.34		.31	12	.0	0		5	0	0				
EAST ST LOUIS PKS COL	80.6	57.8	69.2	2.7	91	22	42	29	34	3	0	0	0	2.52	- 1.63	1.54	28	.0	0		5	1	1				
MAKANOA 1 NW																											
NASHVILLE 3 NW	79.8	59.7	69.8		90	17	40	29	33	1	0	0	0	1.71		.67	28	.0	0		5	1	0				
NEW BURNSIOE																											
SPARTA	81.7	58.5	70.1	3.6	92	22	41	29	30	6	0	0	0	3.22	- 1.22	2.96	28	.0	0		2	1	1				
WATERLOO 1 HSW	82.0	57.7	69.9		92	21	40	29	31	5	0	0	0	4.17	- .22	2.46	28	.0	0		5	2	1				
DIVISION																											
SOUTHEAST 09																											
ALBION	81.8	57.9	69.9		93	22	43	29	29	4	0	0	0	3.62		1.58	28	.0	0		7	2	1				
BROOKPORT OAM 52	80.9	56.4	68.7		91	22	41	29	33	4	0	0	0	2.41	- 1.83	.68	8	.0	0		5	3	0				
ELIZABETHTOWN	81.0	54.3	67.7		92	19	40	29	44	4	0	0	0	2.36		1.11	7	.0	0		5	1	1				
FAIRFIELD RAO10 WFIW	79.7	56.3	68.0	2.3	92	22	41	15	42	3	0	0	0	4.10		1.76	28	.0	0		7	3	1				
HARRISBURG	84.1	56.2	70.2	3.1	94	22	39	29	28	8	0	0	0	1.74	- 2.51	.83	28	.0	0		6	1	0				
MCLEANSBORO																											
MOUNT CARMEL	82.4	57.0	69.7	3.3	95	18	42	29	32	7	0	0	0	2.86	- 1.46	1.51	28	.0	0		6	2	1				
MOUNT VERNON	79.5M	56.7M	68.1M		95	23	43	15	39	3	0	0	0	3.06		.85	28	.0	0		6	2	0				
DIVISION	80.7	57.0	68.9	3.1	92	22	42	29	34	3	0	0	0	3.39	- .97	1.15	27	.0	0		7	3	1				

See Reference Notes Following Station Index



# DAILY PRECIPITATION

ILLINOIS  
MAY 1964

Continued

Station	Total	Day of Month																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
EDWARDSVILLE	1.89						.03					.09	.29	.03					.07						.03		.56	.74	.25							
GRAFTON	3.81	T					.7	.04				.10	.20	.12	.05									.19	T		1.09	1.15	.05							
GREENVILLE 1 E	2.11						.7					.07	.29	.07	.05									.35	.04		.57	.51	.18							
GRIGGSVILLE	2.64	.01					.10					.39	.04										.95		.11		.52	.27								
HAROIN	3.19	.06		.01			.72					.52	.03	.20											.09		.20	.32	1.02							
HILLSBORO	3.17						.19					.63	.30	.04					1.22					.13		.13	.28	.92								
JACKSONVILLE	2.65					.08	.14					.20	.47	.02									.68	.02	.13	T	.30	.01	.44							
JERSEYVILLE	2.04	.01					.33	.16				.04	.16	.06	.02								.08	.16	.03		.18	.97	.04							
MEDORA	1.72	.02				.06	.18	T				.13	.18	.16					.04				.03			.14	.10	.64								
MORRISONVILLE 4 SE	3.11					.12	.18					.06	.06	.09				2.05					.09			.04	.09	.44								
MOUNT OLIVE 1 E	2.03											.83	.23											.27	.08		T	.47	.19							
PANA	1.30					.31	.04	T				.19	.02	.23					.28				T	.01		T	.23	.19								
PLEASANT HILL	3.87	.01				.11	.64	.01	.21			.53	.03	.05					T				.64		.34	.63	.22	.65								
ROCKPORT	3.05						.35					.60		.10									.15		.20	.59	.30	.45	.95							
SPRINGFIELD HB AIRPORT R	1.82	T				.10	.22	.07				.54	T	.06					T	.02			.34		T	.02	.18	T	.27							
TAYLORVILLE	1.10	T					.13	.05					.17		.03									.09		T		T	.59	.26						
VIROEN	1.56						T					T	.16	.10														.47	T	.65						
VIRGINIA	1.28	.01				.05	.08					.15	.28	.02					T	.01				.02		T	.17	.31	.18							
WHITE HALL 1 E	2.87	T				.02	.76	T	T			.43	.30	.04											T	.17	.06	.20	.12	.24						
EAST SOUTHEAST 07																																				
CENTRALIA 2 NE	4.01											.14	1.10	.01												.14		.01	.82	1.79						
CHARLESTON	1.83							T				T	.44	T												T		.08	.15	.12						
EFFINGHAM	1.16											.25	.16	.12	.01				T						T	.01	.53	.19	.09							
FLORA 2 NW	3.21			.03								.23	.16	.04												.13	.90	.21	1.27	.84						
GREENUP	.64											.04	.24													T	.90	.21	.50	.90						
HUTSONVILLE POWER PL	1.80											.04	.09	.06					.69					.01			T	.53	.13	.25						
LAWRENCEVILLE 3 WSW	3.11					.01						.08	1.37	.54													.16	.16	.21							
MARSHALL 1 E	1.09											.31	.16						.14					.01		.01	.13	.01	.32							
MATTOON	1.37						.03					.94	.01	T											.07		.01	T	.01	T	.50					
MONEAUA	1.26	.07				.15	T	.10				.15	.12	.04					T								.21	T	.42							
NEWTON	1.12											.04	.04															.42	.01	.42						
OLNEY	2.40		.12				.03					.11	.40														.13	.92	.01	.42						
PALESTINE	1.61						.01					T	.10	.36												.17	.12	T	.45							
PARIS WATERWORKS	1.00						.01	T				T	.32	.22											.04		.03	.05	.13	.47						
SAINTE MARIE	.99											.10	.08	T														.05	.13	.47						
SALEM	3.90					T	T					.26	.69	.37	T											.08	.47	.28	1.20	T						
TUSCOLA	.75							T				.13	.04	T											.06		.44	.01	.05							
VANDALIA FAA AIRPORT	1.45	T					T	T				.17	.37	.13					.01								.64	.04	.46							
WILCOX	4.19						.05					.30	.92														T	.01	1.87	.70						
WINDSOR	1.12					.02	.02					.04	.62	.02												.02	.06	.02	T	.30						
SOUTHWEST 08																																				
ANNA 1 E	2.31						.36					.18	.35	.04											.49	.09		.12	.69	.02	.01					
BELLEVILLE SCOTT AFB	3.03					T		T				.94	T												.19	T	.98	.92	.64	.60	T					
CAIRO HB CITY	3.46		.04				.70	T				.93	.66													.20	.77	.16	.26	T						
CARBONDALE SEWAGE PL	2.19						.09					.19	.08	.10	.02												.11	.90	.64	.26	T					
CARLYLE RESERVOIR	2.93						T	T	T			.21	.49	.04	T												.03	.11	.74	1.04	.36					
CHESTER	1.86						T	T				.18	.47	.04													.05	T	.04	.75	.55					
COBLEN 2 S	1.34			.07			.26	T	T			.22	.51	T												.19	.29	.12	.08	1.94						
OU OUDIN 2 S	2.52					.20	.04					.24	.08	.02	T											.17		.12	.08	1.94						
EAST ST LOUIS PKS COL	-						.08	T				.39	.18														.76	.05		.21	.38					
GRANO TOWER 2 N	1.99																											.05		.21	.38					
MAKANOA 1 NW	1.71	T					.16					.17	.25	T													.04	.06	.90	.04	.47	T				
MARION 2 W	1.45						.04					.09	.08	.01	.01												.14	.02	.03	.95	.19	.51	T			
NASHVILLE 3 NW	3.25											.12	T															.12	.64	.55	.20	T				
NEW BURNSIDE	2.31		.01				.42					.09		.71	.01												.02	.22	.22	.94						
PRAIRIE DU ROCHER 1 W5	2.92					.04						.13	T														.50	.13	1.42	.90						
RED BUD	3.94											.28																.48	T	.19	.39					
SPARTA	3.22	T						T				.09		T														T	.17	.94						
WATERLOO 1 WSW	4.17						.04	T				.14	.09		.01												.05	.42	.01	.38	2.46	.60				
SOUTHEAST 09																																				
ALBION	3.62						.12					.20	.10	.48	.01												.05	.03	.95	.74	1.52					
BENTON FOREST SERVICE	2.66						.20					.19	.02															T	.60	.98	.62					
BROOKPORT DAM 52	2.41						.35	.68				T	.50	.92														T	.21							
CAMI 6 NW	2.82							T				.09	.22	.25														T	.27	.34	1.65					
ELIZABETHTOWN	2.36		.04				1.11					.02	.11	.31														T	.04	.23	.66					
FAIRFIELD RADIO WFIW	4.10						.11					.25	.33	.42													.07	.25	.73	1.76						



# DAILY TEMPERATURES

ILLINOIS  
MAY 1964

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																
ALECO	MAX 60	78	79	81	84	81	84	84	78	78	74	76	60	71	84	85	87	92	89	81	91	91	88	77	83	82	73	68	71	72	75	79.3
	MIN 46	52	57	60	63	63	60	55	41	51	56	51	51	41	52	64	56	66	68	47	51	65	69	61	49	66	55	50	44	43	50	54.9
OIXON	MAX 62	78	81	82	83	79	84	82	77	76	78	77	56	70	83	83	85	92	87	81	89	91	88	81	84	80	75	67	69	71	74	78.9
	MIN 45	51	54	61	63	65	58	61	46	48	50	49	49	39	49	60	54	60	68	44	43	64	68	61	50	65	56	50	43	42	52	53.8
FREEPORT	MAX 59	77	79	81	82	78	84	80	76	73	75	75	53	67	81	79	78	86	83	78	85	87	84	81	78	79	74	63	65	70	69	76.1
	MIN 47	52	52	61	64	65	59	58	53	48	48	48	48	37	52	60	52	59	69	43	42	66	69	61	48	62	47	47	39	39	52	53.1
FULTON OAM 13	MAX 62	78	80	81	83	80	83	83	76	72	78	73	57	71	81	81	84	88	82	76	87	87	83	82	80	78	74	67	68	72	72	77.4
	MIN 47	52	56	61	65	66	59	61	53	52	52	53	51	41	54	60	57	57	68	47	47	67	71	62	55	67	58	52	47	46	55	56.1
GALVA	MAX 62	78	78	82	83	80	85	83	81	77	75	74	56	71	83	84	86	91	87	79	88	90	88	83	83	82	79	68	73	72	74	79.2
	MIN 42	50	53	60	61	64	59	59	51	48	54	50	49	42	48	63	55	60	63	45	46	63	67	61	50	65	55	51	45	42	50	53.9
GENESECO	MAX 61	77	80	81	83	81	83	83	81	76	75	74	57	70	83	83	85	90	88	80	89	90	88	84	83	82	79	70	70	72	72	79.0
	MIN 47	52	54	61	64	67	62	61	53	49	53	52	50	41	53	61	56	61	68	46	47	66	69	63	51	69	58	51	47	42	52	55.7
HENNEPIN POWER PLANT	MAX 61	79	82	83	85	82	85	82	82	75	75	74	57	70	82	82	86	92	89	83	88	91	88	84	83	83	81	71	71	74	75	79.8
	MIN 46	49	55	63	64	64	58	63	56	47	48	54	51	38	45	62	49	57	71	46	41	66	70	64	46	62	59	51	41	36	52	54.0
KEWANEE	MAX 61	78	79	82	84	83	84	83	84	76	77	74	57	70	82	84	86	92	90	81	89	92	91	84	84	84	81	70	69	72	74	79.9
	MIN 47	47	54	61	62	64	60	66	53	53	55	54	49	43	50	64	58	62	66	46	47	64	68	63	54	68	58	52	47	44	51	55.8
MCLINE WB AIRPORT	MAX 60	80	80	83	84	81	84	83	71	75	74	74	56	71	84	83	84	92	84	75	90	91	87	77	82	82	71	67	72	72	72	78.1
	MIN 48	54	55	64	66	62	63	58	54	49	52	50	43	40	53	60	55	59	59	48	47	67	71	53	47	66	58	49	45	41	53	58.5
MCRRISON	MAX 59	76	79	80	82	81	83	82	79	74	77	75	69	68	82	83	83	90	90	80	87	90	89	85	80	81	78	68	71	71	79.1	
	MIN 45	52	54	60	62	65	56	60	53	48	48	47	49	37	50	70	44	45	63	70	62	63	70	62	48	63	57	45	39	52	53.4	
MOUNT CARROLL	MAX 58	75	79	80	82	80	82	81	81	74	75	75	54	67	82	80	80	88	86	79	86	88	85	81	79	78	75	65	67	71	70	76.9
	MIN 47	52	54	62	63	65	58	60	53	48	48	47	48	38	51	61	53	60	67	43	44	65	69	61	47	63	54	47	41	39	51	53.5
PAW PAW	MAX 49	60	75	80	83	83	75	85	79	70	72	76	76	55	69	81	79	82	90	85	68	86	90	90	76	83	80	72	63	66	72	75.8
	MIN 44	47	51	52	59	59	57	57	52	48	53	51	49	36	36	53	53	59	62	42	43	47	64	62	51	60	51	47	41	42	45	50.7
ROCHELLE 1 W	MAX 48	59	75	79	81	82	74	83	78	67	74	75	74	53	68	80	78	81	91	85	69	86	90	87	85	81	80	72	65	67	72	75.1
	MIN 45	48	53	53	60	62	55	61	51	46	49	46	49	36	48	59	52	62	66	42	41	59	65	62	48	62	49	47	41	40	51	51.8
ROCKFORD WB AIRPORT	MAX 59	74	78	80	81	73	81	78	66	72	75	74	55	67	80	76	79	86	82	67	84	87	84	75	79	79	69	64	66	70	70	74.5
	MIN 47	52	51	59	60	63	56	59	52	48	48	47	41	34	46	56	51	59	47	43	40	64	66	53	46	57	49	47	40	40	52	50.7
STOCKTON	MAX 61	76	79	80	82	76	82	79	75	75	78	78	55	70	82	81	80	87	83	75	87	87	84	80	78	78	73	71	69	73	70	76.6
	MIN 45	50	51	60	62	63	57	57	51	46	52	50	48	39	50	60	56	56	60	42	44	69	68	59	52	58	49	47	40	47	51	52.9
TISKILWA	MAX 62	80	85	84	85	84	85	83	83	76	75	75	56	70	84	84	87	93	89	82	89	93	90	85	85	83	80	72	72	74	75	80.6
	MIN 47	48	55	62	64	63	58	68	54	48	48	51	50	41	46	65	51	56	68	46	43	66	68	64	47	53	56	49	43	42	48	53.8
WALNUT	MAX 59	77	80	81	83		83	80	79	75	77	73	56	69	81	85	90	88	82	87	89	87	81	81	82	79	69	70	72	72	78.2	
	MIN 46	49	54	60	67					49	53	51	49	40	52	55	60	68	43	45	68	68	62	51	66	55	49	45	42	42	53.4	
NORTHEAST 02																																
ANTIOCH	MAX 61	71	77	80	81	78	82	77	75	74	75	74	62	70	79	78	81	87	86	65	81	88	87	80	79	80	70	65	65	71	71	75.8
	MIN 44	47	46	54	62	63	59	62	52	49	49	48	45	34	45	55	53	54	53	40	37	64	68	61	52	57	49	42	34	42	47	50.5
AURORA COLLEGE	MAX 60	77	80	82	83	76	84	78	70	75	75	75	57	69	80	79	82	89	88	64	85	88	89	78	82	82	73	64	64	72	73	76.5
	MIN 47	53	54	60	60	59	59	65	61	47	49	48	47	35	45	60	51	62	55	42	41	60	68	62	46	61	52	47	42	37	49	52.4
BARRINGTON 1 NW	MAX 60	68	78	80	82	83	82	83	77	72	72	75	66	64	79	80	77	88	89	84	81	89	88	87	79	80	77	68	62	70	70	77.0
	MIN 44	46	46	58	55	61	58	60	50	48	45	43	44	34	45	58	50	53	54	40	36	63	67	59	46	54	47	40	34	35	43	48.9
CHICAGO O WARE AIRPORT	MAX 64	72	80	82	83	77	85	79	70	74	74	72	51	68	81	79	80	89	86	58	81	89	88	77	80	79	70	59	60	69	68	75.0
	MIN 47	49	49	60	64	65	61	61	54	50	47	48	40	36	45	52	49	56	47	43	39	65	70	54	48	56	46	44	36	34	47	50.4
CHICAGO UNIVERSITY	MAX 68	65	74	83	84	79	86	81	70	75	72	69	52	59	83	78	75	91	88	53	80	91	91	79	77	82	70	57	57	66	65	74.2
	MIN 48	47	52	60	65	65	64	63	55	54	55	52	44	43	48	50	52	58	47	44	46	68	71	64	57	66	52	48	45	46	52	54.2
CHICAGO WB AIRPORT	MAX 66	74	81	84	85	81	87	81	72	75	76	73	58	66	83	82	85	92	88	61	85	92	92	81	84	82	74	60	61	70	72	77.5
	MIN 49	52	53	63	65	65	64	65	55	52	54	56	45	39	45	54	51	61	51	45	46	65	71	61	54	65	54	48	46	43	52	56.5
CHICAGO WB CITY	MAX 64	67	70	81	84	79	86	80	70	75	72	68	53	59	82	77	73	92	89	52	73	89	91	79	76	82	73	56	55	63	63	73.3
	MIN 51	49	56	61	67	68	65	65	56	55	61	53	46	44	52	55	57	60	48	44	48	67	73	64	67	65	55	50	47	52	53	56.6
JOLIET	MAX 61	78	81	84	87	84	86	81	80	75			56	69	84	82	85	92	91	83	86	91	90	86	85	82	78	71	64	73	78	80.0
	MIN 48	53																														

# DAILY TEMPERATURES

ILLINOIS  
MAY 1964

Continued

Station	Day Of Month																															Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MCNMOUTH	MAX	60	77	79	83	83	80	85	84	82	78	75	72	57	72	83	87	87	91	88	78	91	90	87	85	83	82	79	68	72	72	75	79.5	
	MIN	47	50	52	60	61	64	60	68	53	50	53	52	50	37	49	65	55	61	63	47	50	65	68	62	47	67	56	51	44	40	49	54.7	
QUINCY	MAX	69	81	80	86	86	82	83	85	80	84	76	70	59	74	84	89	93	93	91	86	92	91	90	88	86	82	73	71	69	73	72	81.2	
	MIN	51	57	60	64	66	66	65	68	54	55	59	55	50	42	55	65	67	69	67	59	60	69	70	63	54	73	58	52	50	49	55	59.6	
QUINCY FAA AIRPORT	MAX	66	79	78	84	83	79	82	83	76	79	65	70	58	73	83	85	89	90	90	82	89	89	88	80	83	78	68	68	69	71	71	78.3	
	MIN	50	55	57	64	65	66	63	59	51	50	58	48	47	42	50	64	62	65	61	57	57	64	68	61	55	65	55	52	48	46	55	56.8	
RUSHVILLE	MAX	78	82	80	87	80	80	86	85	80	79	79	69	72	73	83	89	90	91	90	83	90	90	87	79	77	81	77	76	66	67	75	80.7	
	MIN	52	60	58	62	61	60	62	65	52	51	48	48	42	46	52	58	60	60	62	58	62	63	62	54	52	62	54	52	44	43	52	55.4	
CENTRAL 04																																		
BLOOMINGTON NORMAL	MAX	65	80	79	80	83	82	83	82	76	78	77	72	68	69	80	86	86	91	91	88	87	90	89	87	83	84	84	71	69	71	74	80.2	
	MIN	49	53	56	61	64	63	62	69	51	52	59	58	49	42	48	63	57	64	65	47	49	67	68	68	52	70	57	52	44	43	53	56.6	
CHENOA	MAX	66	80	80	82	84	80	84	80	75	77	70	72	70	70	82	87	92	89	81	87	91	90	88		85	80	65	70		76	79.8		
	MIN	43	46	52	58	60	59	59	66	50	50	53	57	49	36	45	50	50	50	64	46	42	65	67	65	55	67	65	50	40	37		52.3	
DECATUR	MAX	72	82	81	82	83	76	83	79	77	80	71	72	68	72	81	84	88	93	89	83	88	91	88	82	86	83	78	67	72	73	72	80.0	
	MIN	49	55	53	62	62	62	61	67	53	51	58	55	49	41	42	60	67	65	65	52	55	66	66	69	50	69	60	51	40	42	53	56.5	
FARMER CITY	MAX	70	80	79	82	83	80	83	78		81	77	75	66	72	82	88	89	93	91	79		93	89	87	85	78	67	71	72	78	80.3		
	MIN	48	51	51	61	61	61	60	68		49	54	56	46	39	43	60	52	62	63	49	47		65	67	48	65	60	53	39	40	50	53.6	
HAVANA	MAX	68	81	80	84	83	82	85	82	85	80	70	71	69	72	82	88	90	92	92	90	89	93	90	89	84	85	81	70	72	74	77	81.6	
	MIN	46	48	55	63	65	62	57	62	46	52	56	56	50	42	45	63	55	59	65	52	49	62	69	65	48	67	60	56	40	40	56	55.2	
LACON 1 E	MAX															82	86	87	92	90	83	88	92	90	85	84	83	82	69	71	74	75		
	MIN															64	53	60	60	46	43	62	66	68	59	50	64	56	53	43	39	50		
LINCOLN	MAX	72	84	81	83	84	77	85	82	78	82	70	72	59	72	83	87	90	92	90	86	89	92	90	89	83	87	83	76	70	74	75	80.8	
	MIN	47	51	54	61	61	63	60	65	52	52	56	57	49	39	47	60	57	62	64	50	52	64	67	63	50	66	59	52	39	42	54	55.3	
MASON CITY	MAX	62	79	79	81	82	80	83	81	79	77	75	69	67	65	80	85	84	90	88	83	87	90	88	87	83	84	83	68	69	71	75	79.2	
	MIN	49	52	59	62	63	64	59	68	53	52	56	58	49	41	48	64	60	61	67	49	51	63	66	70	50	69	57	53	43	42	53	56.5	
MINONK	MAX	68	80	84	85	86	76	87	80	76	78	74	75	55	72	83	87	89	94	91	88	89	94	93	83	88	82	77	68	73	74	78	80.9	
	MIN	47	50	57	55	61	61	58	66	52	47	54	55	49	38	45	61	51	57	60	45	47	64	65	64	49	61	54	51	40	40	51	53.4	
PEORIA WB AIRPORT	MAX	62	79	79	81	82	75	83	81	75	77	70	71	56	70	81	86	84	89	88	76	87	90	88	80	83	84	70	67	70	73	75	77.8	
	MIN	49	52	56	61	62	64	59	63	52	49	55	51	50	40	47	64	54	61	62	49	51	63	66	53	50	67	57	49	43	43	55	54.7	
PRINCEVILLE 1 N	MAX	60	78	78	84	83	80	84	84	78	76	75	74	55	70	80	85	85	92	85	77	88	92	88	84	83	83	78	69	70	70	78	78.9	
	MIN	48	50	55	60	63	63	64	69	54	50	53	54	48	42	48	52	55	64	64	45	48	55	64	64	48	68	55	52	45	42	40	54.3	
EAST 05																																		
DANVILLE	MAX	73	81	81	82	83	81	82	83	78	79	77	74	72	72	81	87	87	95	92	89	87	92	90	85	86	86	79	66	69	73	77	81.3	
	MIN	45	52	52	54	64	64	60	70	55	47	49	58	48	41	40	58	51	55	67	51	47	56	61	68	49	59	58	54	41	40	48	53.6	
HOOPESTON	MAX	70	78	78	80	81	79	82	82	76	77	69	73	65	71	80	86	87	92	90	80	85	92	88	83	84	82	77	65	69	70	76	78.9	
	MIN	46	48	52	57	58	64	61	68	54	52	53	57	48	37	44	60	52	58	67	47	46	61	66	65	51	62	56	51	40	42	50	54.0	
KANKAKEE 3 SW	MAX	67	80	80	82	85	81	85	83	80	77	75	75	71	68	84	84	85	94	93	88	87	93	92	90	86	85	80	74	65	72	75	81.2	
	MIN	47	49	52	59	63	64	60	68	53	50	48	57	52	37	41	62	49	61	67	46	43	64	68	64	49	64	54	50	39	36	52	53.8	
PONTIAC	MAX	66	79	80	83	85	83	85	83	80	80	77	74	71	72	83	88	89	93	93	90	89	92	92	90	89	86	84	72	70	73	75	81.9	
	MIN	48	49	54	60	62	63	61	68	54	53	52	59	51	39	44	65	53	62	66	46	46	66	69	67	53	65	58	52	43	41	53	55.5	
RANTOUL CHANUTE AFB	MAX	70	78	78	80	81	79	83	80	76	77	68	76	59	71	80	85	85	91	89	77	86	90	89	82	84	82	70	62	68	69	74	77.9	
	MIN	49	50	54	59	61	62	61	71	55	51	55	58	49	40	44	61	56	59	68	51	48	66	64	66	56	66	60	48	45	44	53	55.8	
ROBERTS 3 N	MAX	69	78	80	81	83	79	85	82	77	78	75	73	69	70	84	86	88	95	92	85	90	95	93	91	91	85	79	66	67	72	75	81.1	
	MIN	46	46	50	57	60	62	64	62	60	48	50	57	49	38	42	55	50	58	67	47	43	58	60	63	50	65	55	50	42	38	50	52.9	
URBANA	MAX	72	79	79	80	82	78	82	80	77	79	69	72	63	72	81	86	86	92	89	78	87	92	89	83	85	85	76	66	66	71	76	79.1	
	MIN	48	52	56	59	59	63	59	59	53	52	59	53	47	41	45	59	56	62	65	51	53	63	63	62	57	64	60	49	47	46	54	55.4	
WATSEKA 2 NW	MAX	69	78	77	80	80	80	83	82	76	79	71	73	68	69	81	85	85	92	91	84	84	92	90	87	83	83	75	65	66	72	75	79.1	
	MIN	46	50	53	60	63	62	61	60	53	46	48	58	48	38	39	60	46	60	59	46	46	59	60	51	48	62	57	49	38	36	51	52.0	
WEST SOUTHWEST 06																																		
ALTON OAM 26	MAX	75	79	78	82	82	77	82	82	80	82	72	71	61	75	82	83	90	91	86	84</													

# DAILY TEMPERATURES

ILLINOIS  
MAY 1966

CONTINUED

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EFFINGHAM	MAX	77	80	81	84	84	81	80	81	81	83	78	74	73	72	81	81	87	94	90	86	88	93	88	87	87	85	78	74	71	69	77
	MIN	51	54	52	59	61	64	61	69	56	50	60	56	48	43	44	57	57	64	63	58	56	63	63	62	54	66	64	50	42	45	55
FLORA 2 NW	MAX	75	79	79	82	83	80	79	79	78	83	74	75	73	72	80	85	88	92	90	87	87	93	88	85	85	85	89	74	69	69	75
	MIN	46	49	50	54	59	60	61	68	56	53	60	57	48	44	42	53	57	60	64	62	51	60	64	67	54	61	65	49	40	49	49
MARSHALL 1 E	MAX	74	82	80	80	82	81	77	80	79	81	79	72	71	71	78	84	83	91	90	86	85	91	86	87	85	85	79	72	69	69	74
	MIN	41	47	51	53	54	61	58	67	56	50	55	54	49	42	40	52	55	55	63	54	47	53	61	67	51	56	62	57	39	42	50
MATTOON	MAX	72	79	78	80	82	83	81	82	81	81	68	72	65	72	79	83	85	90	88	81	85	91	87	84	84	83	78	64	69	69	75
	MIN	47	53	52	57	60	62	60	68	60	52	59	52	47	42	49	58	59	63	66	54	53	63	65	63	52	65	61	46	42	43	54
MCWEAOUA	MAX	72	77	78	81	82	78	84	78	79	80	80	72	69	70	80	85	88	91	89	81	88	92	91	87	86	84	77	69	69	70	75
	MIN	47	45	51	57	59	61	57	67	53	48	58	56	44	43	41	56	57	60	65	62	49	62	61	69	54	68	60	49	40	42	53
NEWTON	MAX	77	83	83	83	84	82	77	81	80	83	82	75	75	78	80	85	87	94	92	89	88	93	90	87	86	87	80	76	72	70	76
	MIN	47	54	52	55	58	63	62	67	57	53	60	55	47	45	41	55	59	60	64	61	60	66	68	55	62	65	50	41	48	54	56
OLNEY	MAX	75	80	79	82	83	81	76	81	77	83	75	75	73	70	77	79	85	90	90	85	87	92	90	86	85	85	79	75	68	69	74
	MIN	49	51	51	54	60	62	63	67	57	52	59	58	49	45	42	56	62	63	62	61	56	59	60	53	58	58	49	38	38	54	54
PALESTINE	MAX	80	83	85	85	87	85	79	84	80	84	71	75	69	73	82	87	88	93	90	85	89	95	89	87	89	86	82	75	72	70	76
	MIN	47	45	53	54	60	63	64	68	58	54	60	56	49	44	42	55	58	60	64	63	53	60	69	69	53	61	63	50	40	47	53
PARIS WATERWORKS	MAX	74	82	80	80	82	81	80	82	79	79	75	72	69	71	78	84	84	91	91	80	84	90	85	84	83	83	77	66	70	70	76
	MIN	47	50	55	58	62	64	62	69	55	52	58	56	47	42	43	58	57	65	68	53	51	65	67	68	50	66	62	50	41	45	54
SALEM	MAX	78	79	80	82	84	81	80	78	80	83	78	74	74	72	80	85	90	91	89	87	89	90	86	85	86	85	82	73	68	69	75
	MIN	48	54	51	55	58	63	61	70	55	52	61	57	47	45	43	58	58	61	59	60	56	64	62	68	53	63	66	49	41	49	54
TUSCOLA	MAX	72	82	80	82	82	82	82	82	80	82	80	73	71	74	82	89	88	95	92	90	89	94	90	88	86	85	81	72	72	77	82
	MIN	46	55	47	52	57	55	57	61	53	50	60	55	46	38	43	59	55	60	64	52	52	62	61	65	50	63	60	52	40	44	55
VANDALIA FAA AIRPORT	MAX	77	79	78	81	83	77	82	78	80	85	69	73	61	71	80	87	94	93	90	83	90	92	88	85	86	83	75	64	68	70	75
	MIN	45	51	49	55	58	62	58	68	54	50	57	52	46	42	41	55	56	60	62	59	51	60	61	57	49	63	57	44	39	44	54
WINOZOR	MAX	75	81	80	82	83	79	82	80	79	81	77	71	66	72	80	81	88	91	89	89	88	92	89	85	85	84	78	78	70	70	76
	MIN	48	53	54	57	58	61	60	68	54	51	62	55	47	42	48	49	55	63	65	69	54	62	64	68	53	65	60	50	39	42	53
SOUTHWEST 08																																
ANNA 1 E	MAX	78	75	80	80	83	79	75	76	76	80	77	78	74	74	79	84	92	91	90	90	90	91	84	87	86	85	74	70	68	76	
	MIN	45	50	50	54	56	60	63	64	60	54	60	59	47	47	47	56	65	66	63	64	57	60	65	60	64	64	50	41	50	55	56
BELLEVILLE SCOTT AFB	MAX	75	78	78	80	81	75	80	78	80	82	70	75	62	70	80	86	88	91	88	86	88	89	87	83	83	85	74	64	66	66	73
	MIN	46	51	50	60	58	65	61	71	56	54	59	53	50	47	49	55	60	62	64	63	56	67	66	63	54	69	57	51	43	50	56
CAIRO WB CITY	MAX	79	72	81	80	83	81	80	78	77	81	78	79	69	73	79	84	89	90	91	89	89	91	85	82	87	89	89	70	65	72	80
	MIN	55	61	58	64	64	66	66	71	65	61	65	60	51	52	55	61	64	67	68	67	64	71	72	70	66	70	68	54	49	56	62
CARBONALE SEWAGE PL	MAX	79	77	81	82	84	81	78	76	78	81	80	79	72	74	80	85	90	93	92	90	91	92	85	84	87	88	86	78	70	68	75
	MIN	48	52	50	55	55	65	65	71	59	50	61	61	49	45	44	51	61	60	59	59	54	63	69	70	55	65	64	52	41	50	55
CARLYLE RESERVOIR	MAX	67	72	77	79	80	82	76	79	77	80	82	71	74	62	70	79	85	90	96	87	85	88	89	85	84	85	82	75	64	69	68
	MIN	50	51	53	59	60	62	63	68	54	57	60	57	47	44	49	58	60	64	62	63	56	63	66	67	55	63	65	50	44	48	55
COBOEN 2 S	MAX	77	75	80	80	82	80	76	75	75	77	77	78	71	73	78	82	90	89	89	90	88	90	84	80	82	85	86	75	70	73	75
	MIN	46	52	49	55	57	63	65	70	59	54	60	60	45	46	45	55	60	61	61	57	52	61	66	68	59	63	61	51	41	52	50
DU QUOIN 2 S	MAX	77	77	80	81	83	78	78	76	77	82	80	77	69	74	80	84	91	90	89	88	88	91	85	85	87	86	84	72	67	69	73
	MIN	49	56	52	57	58	67	66	70	67	54	62	61	49	46	45	53	60	60	60	63	58	62	66	65	56	64	65	50	42	53	55
EAST 57 LOUIS PK5 COL																																
MAKANOA 1 NW	MAX	77	76	80	79	82	79	77	76	76	79	78	77	72	72	79	84	90	89	88	89	89	89	85	80	85	86	84	70	67	68	73
	MIN	53	58	54	63	70	72	64	73	59	56	60	60	47	45	53	61	63	68	64	64	58	68	68	68	58	68	61	51	40	50	54
NASHVILLE 3 NW	MAX	76	80	79	80	82	78	78	78	80	82	76	77	74	72	80	86	90	92	88	88	94	91	86	86	86	85	82	65	68	78	75
	MIN	49	57	53	58	59	68	63	69	55	54	61	57	50	41	45	54	57	62	59	59	54	62	65	67	52	66	63	50	40	50	54
NEW BURNSIOE	MAX	80	79	82	82	84	81	79	76	76	80	79	79	75	74	80	84	90	90	89	89	89	89	84	83	87	86	84	79	69	66	71
	MIN	51	53	47	56	58	63	63	69	60	54	60	58	44	45	45	53	59	61	62	59	54	66	68	67	54	65	63	50	37	47	54
SPARTA	MAX	78	79	81	80	83	82	77	77	80	83	81	78	76	74	80	87	90	92	90	90	90	92	86	86	88	86	87	64	70	68	75
	MIN	51	57	54	59	57	66	65	70	56	58	60	58	49	44	50	58	62	64	63	64	58	68	69	67	56	69	63	50	41	52	55
WATERLOO 1 WSW	MAX	78	81	80	82	84	81	80	79	82	84	81	76	73	73	82	88	90	92	91	88	92	90	87	85	86	87	70	68	69	75	
	MIN	48	55	53	58	56	64	66	71	54	55	60	60	50	45	50	55	59	60	63	62	60	65	68	66	59	68	65	51	40	50	54



# DAILY SOIL TEMPERATURES

ILLINOIS  
MAY 1964

STATION AND DEPTH	TIME	Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA																																	
4 INCHES	7 AM	59	57	60	63	64	64	63	66	63	64	64	63	62	58	64	64	66	67	69	62	66	69	70	70	67	70	69	66	61	62	66	64.5
	MAX MIN	60 59	60 54	64 59	68 60	69 62	70 64	66 63	66 63	68 63	70 63	71 63	64 63	68 62	64 58	68 63	70 59	74 61	74 65	76 67	71 62	76 66	77 66	76 70	76 69	76 70	76 69	78 67	73 69	78 66	68 61	73 61	72 66
8 INCHES	9 AM	60	56	59	62	63	63	64	65	64	64	64	63	63	60	61	63	68	67	68	68	68	69	69	70	70	70	69	68	64	65	67	65.0
	MAX MIN	61 60	55 57	60 59	63 62	64 63	64 63	65 63	65 64	66 64	66 64	66 64	66 64	66 63	65 60	63 60	63 61	67 59	68 67	69 67	70 65	70 66	70 66	70 69	70 70	72 70	72 70	72 70	71 69	70 68	68 64	64 67	69 62

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER OIAL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS 500. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 AM CST	NOON CST	6:00 PM CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total
CAIRO WB CITY	-	-	8.0	34	SW†	8	-	-	-	-	4	1	3	4	0	0	12	61	6.2
CHICAGO O HARE AIRPORT	22	7	11.3	35++	22	8	75	81	54	53	5	2	5	1	0	0	13	-	6.5
CHICAGO MIDWAY AIRPORT	21	10	11.1	47	SW	8	61	68	48	46	3	4	5	0	0	0	12	77	6.1
MOLINE WB AIRPORT	18	7	10.1	52	SW	8	76	83	51	48	5	1	5	2	0	0	13	66	6.2
PEORIA WB AIRPORT	18	9	9.7	38	W	8	70	79	54	52	4	4	2	1	0	0	11	71	5.9
ROCKFORD WB AIRPORT	18	7	11.3	35++	22	8	77	83	54	53	3	2	5	3	0	0	13	-	6.0
SPRINGFIELD WB AIRPORT	18	8	11.9	43	W	26	71	76	50	50	6	4	5	1	0	0	16	73	5.4

† TO 8 COMPASS POINTS ONLY

## EVAPORATION AND WIND

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
HENNEPIN POWER PLANT	EVAP	.04	.26	.30	.30	.29	.29	.21	-	.14	.30	.12	.11	.08	.11	.30	.32	.22	.40	.38	.30	.30	.34	.41	.30	.33	.23	.27	.20	.20	.29	.28	7.4878
	WIND	27	51	79	81	82	130	93	111	195	68	13	27	51	22	36	67	16	41	94	48	33	47	81	94	34	37	41	30	25	28	34	1816
	MAX MIN	62 56	82 54	85 62	85 63	86 64	83 62	89 62	82 67	89 54	82 52	79 58	82 59	78 55	69 48	83 57	87 43	91 63	94 62	92 65	87 66	87 55	92 54	93 68	89 69	86 68	92 58	89 69	83 60	74 56	83 48	86 50	86 50
EAST 05																																	
URBANA	EVAP	.04	.14	.16	.36	.26	.28	.25	.24	.27	.20	.35	.05	.19	.09	.23	.27	.12	.37	.39	.44	.29	.10	.35	.38	.32	.34	.26	.28	.16	.29	.15	7.42
	WIND	35	48	49	58	71	82	123	108	153	89	38	24	49	63	25	63	47	27	80	66	22	-	-	-	67	42	72	46	52	53	40	18518
	MAX MIN	57 45	78 45	82 52	86 53	84 59	85 59	76 59	85 60	81 53	80 53	80 53	85 53	67 58	77 52	66 44	88 43	95 52	86 57	92 61	93 63	88 56	86 55	86 55	89 61	87 64	84 58	90 57	83 59	79 53	68 46	80 46	76 46
WEST SOUTHWEST 06																																	
SPRINGFIELD WB AP	EVAP	.13	.30	.32	.39	.35	.33	.31	.22	.41	.29	.05	-	.14	.11	.34	.28	.15	.42	.35	.45	.25	.40	.41	.32	.39	.18	.28	.13	.26	.24	8.688	
	WIND	66	111	87	151	146	200	135	150	202	81	49	70	133	65	84	122	54	67	117	84	50	89	169	155	50	95	97	86	54	59	57	3135
	MAX MIN	75 49	82 53	84 59	84 61	85 61	78 61	80 61	80 68	87 54	79 53	71 53	70 53	82 58	84 52	87 47	94 55	94 65	94 65	89 59	87 65	87 59	90 58	88 66	86 67	89 57	84 57	90 61	83 60	81 61	73 66	82 48	80 48
SOUTHWEST 08																																	
CARLYLE RESERVOIR	EVAP	.20	*	.46	.28	.29	.31	.30	.25	.24	.30	.25	.14	.21	.05	.15	.36	.27	.29	.33	.38	.32	.35	.29	.31	.27	.27	.28	.30	.20	.19	.21	8.05
	WIND	57	*	114	61	107	124	149	150	184	87	35	66	94	92	46	97	71	39	73	61	55	53	93	150	67	45	78	89	103	32	69	2521
	MAX MIN	73 46	- 57	82 59	85 60	83 60	83 60	83 60	84 63	86 56	77 55	80 56	81 59	73 50	79 46	62 47	82 47	85 53	86 57	84 63	84 64	86 60	85 60	85 60	85 64	85 65	84 60	84 61	84 66	84 48	82 45	82 46	87 60

See reference notes following Station Index.



# STATION INDEX

ILLINOIS  
1964

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TDSP	PRECIP	EVAP	SPECIAL										TDSP	PRECIP	EVAP	SPECIAL		
ALBION	0059 01	EDWARDS	7 28 23	88 03	550	6P	6P	H	RESSIE ELLEN	LAMARE	4879 01	CARROLL	4 42 08	89 30	825	6P	7A	7A	7A	7A	MATT L. LAW					
ALTO	0072 01	MERCER	4 41 15	90 45	720	6P	6P	H	GENE L. BURGESS	LA SALLE	4973 02	LA SALLE	1 41 19	89 06	920	6P	7A	7A	7A	7A	ILL DIV OF WATERWAYS					
ALTON	0137 00	WARREN	1 38 53	90 11	432	MID	7A	C	MUNICIPAL WATERWORKS	LAWRENCEVILLE 3 WSW	4897 01	LAWRENCEVILLE	1 40 06	86 22	841	7P	7A	7A	7A	7A	LEONARD E. JAMIL					
ANTHONY	0203 01	UNION	1 42 29	88 18	414	6P	6P	H	U S CORPS OF ENGINEERS	LINCOLN	5078 04	LOGAN	1 40 06	86 22	841	7P	7A	7A	7A	7A	7A	CHICAGO SANITARY DIST				
ANTIOCH	0203 02	LAKE	1 42 29	88 08	400	7P	7P	H	ROY L. KUFAL	LOCAL POWER HOUSE	5216 07	CLAY	7 38 46	88 30	470	6P	6P	6P	6P	6P	6P	CARROLL D. BLAIR				
AUGUSTA 2 W	0350 03	HANCOCK	1 40 14	90 59	880	7P	7P	H	HALLER W. HOWLAND SR.	LOUISVILLE	5272 02	LAZEWELL	1 40 32	89 22	870	6P	6P	6P	6P	6P	6P	CHARLIE H. KULL				
AURORA COLLEGE	0408 02	LAKE	1 42 20	88 35	791	7P	7P	H	AURORA COLLEGE DEPT	HACKWANA	5280 03	MCDONOUGH	1 40 28	90 40	802	6P	6P	6P	6P	6P	6P	EDWARD LEWIS DIST				
AVON 5 NE	0356 03	FULTON	1 40 44	90 22	850	7A	7A	C	JAMES R. MICHELL	HANFORD 1 NW	5274 08	MCHENRY	4 37 39	89 14	680	6P	6P	6P	6P	6P	6P	HARVEY B. MARTINE				
BARRINGTON 1 NW	0442 02	LAKE	1 42 10	88 09	810	6P	6P	H	CHICAGO SERIAL IND 25	HAREND	5226 02	JACKSON	8 42 15	88 36	825	6P	6P	6P	6P	6P	6P	HAROLD HYDE				
BARRY	0845 00	PIKE	4 39 31	91 05	640	7A	7A	C	GEORGE E. GRIEDEL	MARIETTA	5236 03	FULTON	1 40 30	80 24	540	6P	6P	6P	6P	6P	6P	JOSEPH ACE MCCANCE				
BEARSTOWN	0292 06	CASS	4 37 08	90 26	445	6P	6P	H	THOMAS E. SHELPS	3382 08	WILLIAMSON	4 31 24	88 57	440	5P	6P	6P	6P	6P	6P	6P	OREL W. TURNER				
BELLEVILLE SC01 AF8	0510 08	ST CLAIR	2 38 32	88 51	447	MID	MID	C	U S AIR FORCE	3346 04	MADISON	1 40 02	88 28	520	6P	6P	6P	6P	6P	6P	6P	LLOYD J. SIMPSON				
BELVIDERE SEWAGE PLANT	0583 02	BOONE	4 42 16	88 52	153	6P	6P	H	CITY OF BELVIDERE	5372 02	LA SALLE	1 41 20	88 45	426	7A	7A	7A	7A	7A	7A	7A	U S CORPS OF ENGINEERS				
BENTLEY	0598 03	HANCOCK	1 40 20	91 07	470	6P	6P	H	LEWIS E. THURMAN	5380 07	CLARE	7 38 23	87 43	570	6P	6P	6P	6P	6P	6P	6P	ERNEST THOMAS PINE				
BENTON FOREST SERVICE	0608 09	FRANKLIN	4 38 02	88 55	445	6P	6P	H	MAR R. CRIBIN	5413 04	MADISON	1 40 12	86 42	525	6P	6P	6P	6P	6P	6P	6P	VICTOR B. RICKARD				
BLOOMINGTON WATERWORKS	2487 07	EFFINGHAM	4 39 02	88 33	595	1P	7A	C	CLAYTON A. HAYME	5430 07	COLES	1 39 24	88 21	719	MID	MID	MID	MID	MID	MID	MID	MID	GENE FRANCIS			
BLOOMINGTON NORMAL	0166 04	MCLEAN	1 40 30	86 01	775	1A	1A	C	BLOOMINGTON WATERWORKS	5493 02	MCHENRY	1 42 17	88 14	792	6P	6P	6P	6P	6P	6P	6P	6P	EDWARD LEWIS KOCHOUK			
BROOKFIELD DAM 52	0784 06	MCLEAN	1 40 30	89 00	810	6P	6P	H	ILL STATE NORMAL UNIV	5515 09	HAMILTON	5 38 05	88 32	458	6P	6P	6P	6P	6P	6P	6P	6P	F. G. FRAZIER			
CAID W B CITY	0194 08	HSSACK	4 37 08	88 39	330	6P	6P	H	CLOSED 4/1/64	5538 04	MACOURIN	1 39 10	80 08	420	6P	6P	6P	6P	6P	6P	6P	6P	H. W. DOODGE			
CANTON	1250 03	FULTON	1 40 34	90 02	655	6P	6P	H	U S CORPS OF ENGINEERS	5702 04	WOODFORD	1 40 54	89 02	755	7P	7P	7P	7P	7P	7P	7P	7P	HUMER C. BARMS			
CARLINVILLE	1280 06	MACOUPIN	1 39 17	89 52	625	6P	6P	H	U S WEATHER BUREAU	5751 01	ROCK ISLAND	4 41 37	88 10	882	MID	MID	MID	MID	MID	MID	MID	MID	CHICAGO SANITARY DIST			
CARLEVE	1288 08	CLINTON	2 38 38	86 22	361	1P	7A	C	FLOYD O. HAMMOND	5748 03	WARREN	4 40 53	90 38	770	6P	6P	6P	6P	6P	6P	6P	6P	H. PROF. LYLE FINLEY			
CARLEVE RESERVOIR	1290 08	CLINTON	2 38 38	86 22	361	1P	7A	C	ROBERT W. GARBIS	5803 01	STIERLING	4 41 49	89 58	603	5P	6P	6P	6P	6P	6P	6P	6P	LEE F. GIFFIN			
CARLI 1 NW	1296 09	WHIE	2 38 38	86 12	390	6P	6P	H	JACK R. CAMPBELL	5820 02	GRUNDY	1 41 21	88 24	520	7A	7A	7A	7A	7A	7A	7A	7A	RAY WEBB			
CENTRALIA 2 NE	1386 07	MARION	3 41 56	87 54	648	6P	6P	H	CLOSED 4/1/64	5825 02	GRUNDY	1 41 21	88 24	580	6P	6P	6P	6P	6P	6P	6P	6P	PHILLIP C. COLLINS			
CHAMPAIGN	1412 01	CASS	1 40 30	87 07	466	6P	6P	H	U S CORPS ENGINEERS	5833 01	WHITESIDE	1 41 49	89 08	603	5P	6P	6P	6P	6P	6P	6P	6P	WILLIAM C. COLLINS			
CHAMPAIGN DRESEB 1SL	1420 02	BRUNY	1 41 24	88 17	505	7A	7A	C	MURPHY B. HUBBARD	5841 04	CHRISTIAN	1 39 23	88 28	580	6P	6P	6P	6P	6P	6P	6P	6P	HENRY D. DOTY			
CHARLESTON	1436 07	COLES	1 37 29	88 11	710	6P	6P	H	CITY OF CENTRALIA	5846 06	CHRISTIAN	1 39 23	88 24	635	7P	7P	7P	7P	7P	7P	7P	7P	E. PAUL BATES			
CHESEA	1475 04	MCLEAN	1 40 44	88 44	710	5P	5P	C	EMILY J. O'BRIEN	5883 03	MCHEM	7 38 58	88 24	580	6P	6P	6P	6P	6P	6P	6P	6P	H. W. DOODGE			
CHICAGO 1 NW	1522 02	COOK	3 41 40	87 36	651	6P	6P	H	U S WEATHER BUREAU	5901 01	CARROLL	4 42 05	89 38	817	7P	7A	7A	7A	7A	7A	7A	7A	JAMES P. MC HAY			
CHICAGO CALUMET TR WES	1532 02	COOK	3 41 40	87 36	651	6P	6P	H	CHICAGO SANITARY DIST	5917 04	MACOUPIN	4 39 04	86 42	685	7A	7A	7A	7A	7A	7A	7A	7A	HAROLD HARBURGER			
CHICAGO LAKEVIEW PWR STA	1532 02	COOK	3 41 40	87 36	651	6P	6P	H	C. MERLE PARRY	5927 04	LOGAN	1 40 01	86 17	645	5P	6P	6P	6P	6P	6P	6P	6P	ALVA BROWN			
CHICAGO LLOYOLA UNIV	1542 02	COOK	3 41 56	87 54	648	6P	6P	H	ROBERT W. GARBIS	5930 09	BRUNY	1 40 54	89 08	603	5P	6P	6P	6P	6P	6P	6P	6P	WALTER H. PARNET			
CHICAGO MAFFR PHR 51A	1542 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	JEFFERSON	4 38 16	85 00	607	6P	6P	6P	6P	6P	6P	6P	6P	6P	HOWARD HEANEY		
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CITY ENGINEER PURIF	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	HOLLOW BOWLEY		
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	MURKINBERG WATER CO		
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	R. E. SCHLEIFER		
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	HAROLD P. DOTY		
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	U S CORPS OF ENGINEERS		
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	U S CORPS OF ENGINEERS	
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	U S CORPS OF ENGINEERS
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	U S CORPS OF ENGINEERS
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	U S CORPS OF ENGINEERS
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	U S CORPS OF ENGINEERS
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	U S CORPS OF ENGINEERS
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	U S CORPS OF ENGINEERS
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	U S CORPS OF ENGINEERS
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	U S CORPS OF ENGINEERS
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H	CHICAGO SANITARY DIST	5943 09	SHELBY	2 58 38	88 02	615	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	6P	U S CORPS OF ENGINEERS
CHICAGO W B PUMP STA	1549 02	COOK	3 41 56	87 54	648	6P	6P	H																		

REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the State Climatologist, P. O. Box 143, Station "A", Champaign, Illinois 61824, or to any Weather Bureau Office near you.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are tens of degrees.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

**SNOWFALL:** Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1931-1960.

**DIVISIONS,** as used in this publication, became effective with data for January 1957.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

**DELAYED DATA AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing. If average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- AR This entry in time of observation column in Station index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

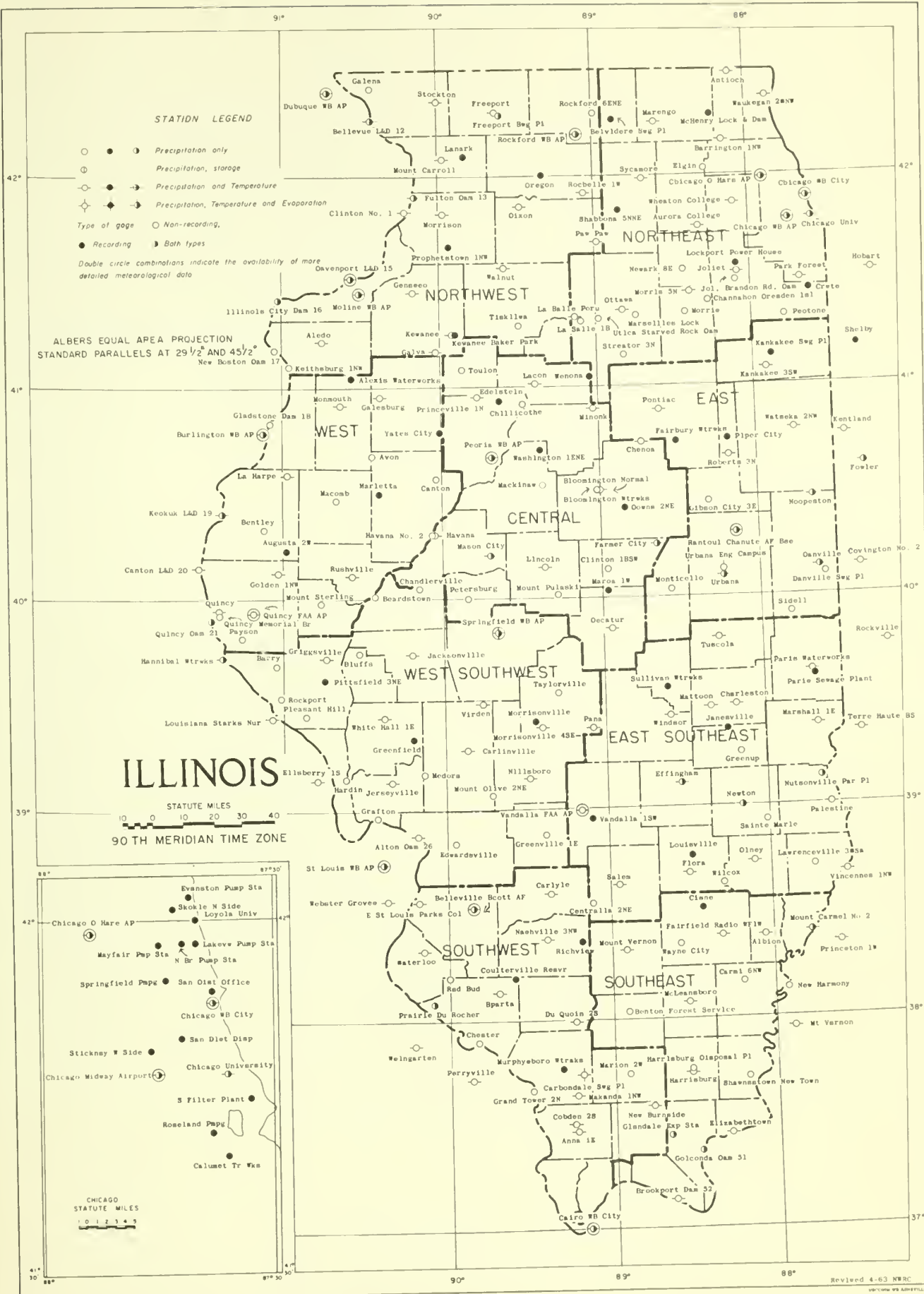
Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-WB-Asheville, N. C. -7-20-64-900



**STATION LEGEND**

- ● ○ Precipitation only
  - ● ○ Precipitation, storage
  - ● ○ → Precipitation and Temperature
  - ● ○ → Precipitation, Temperature and Evaporation
  - Type of gage ○ Non-recording, ● Recording
  - → Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°

STATUTE MILES  
0 10 20 30 40  
90 TH MERIDIAN TIME ZONE

**ILLINOIS**



CHICAGO  
STATUTE MILES  
0 1 2 3 4 5





U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

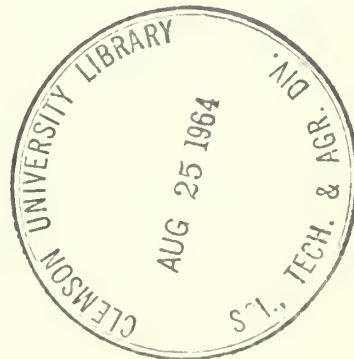
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS

JUNE 1964

Volume 69 No. 6



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 99° on the 28+ at Harrisburg and on the 12th at Palestine

Lowest Temperature: 37° on the 2d at Barrington 1 NW

Greatest Total Precipitation: 8.89 inches at Lawrenceville 3 WSW

Least Total Precipitation: 0.98 inch at Cairo WB City

Greatest One-Day Precipitation: 6.47 inches on the 18th at Prairie Du Rocher 1 WSW

SPECIAL WEATHER SUMMARY

Precipitation averaged above normal in the northwest portion, near to slightly below normal in the central, while much of the south received only about 60 percent of the normal for June.

Small areas suffered from downpours and local flooding in heavy thunderstorms. Heaviest reported 12-hour amounts on the 17th-18th were Prairie du Rocher - 7.30 inches, Carlyle - 5.36 inches, and Flora 5.10 inches. Wayne City had 2.45 inches in 1-1/4 hours. On the 18th-19th Canton had 5.65 inches in 8 hours with 12-hour amounts of more than 4 inches at Avon, Toulon, and Chillicothe.

Hail and high winds also caused considerable crop damage. Hailstorms were especially extensive on four consecutive days from the 19th through the 22d. On the 19th and 20th alone, hail damage was reported to crops from

more than 50 counties, from Whiteside-Lee-De Kalb-Kane on the north to Pike-Sangamon-Piatt-Vermillion on the south, as well as a few counties adjacent to these borders. Hailstones of "golf ball" to "grapefruit" size were reported near Sandwich.

Temperatures averaged from near normal to about 2-1/2° above with most areas having more than normal the number of days with 90° or higher temperatures.

William L. Denmark  
Weather Bureau State Climatologist  
Station A, Box 143  
Champaign, Illinois 61824

# CLIMATOLOGICAL DATA

ILLINOIS  
JUNE 1964

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			
										10° or Above	51° or Below	32° or Below	0° or Below					Total	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWEST 01																								
ALEDO	84.7	61.0	72.9	1.0	95	29	45	3	16	8	0	0	0	2.79	-	2.06	.88	20	.0	0	0	6	3	0
OIXON	85.3	60.0	72.7	2.0	96	26	43	3	24	9	0	0	0	5.74	-	1.35	1.66	20	.0	0	0	8	4	2
FREEPORT	80.7	58.5	69.6	.4	92	29	43	16	48	4	0	0	0	3.41	-	1.14	.96	15	.0	0	0	9	3	0
FULTON DAM 13	81.6	61.5	71.6	.9	93	27	50	16	21	6	0	0	0	6.08	-		2.20	15	.0	0	0	7	4	2
GALVA	84.2	60.0	72.1	.5	93	28	43	3	17	9	0	0	0	6.16	-	1.64	3.37	20	.0	0	0	6	3	2
GENESEO																								
HENNEPIN POWER PLANT	84.2	61.6	72.9		94	29	46	3	18	8	0	0	0	3.67	-	.85	1.19	15	.0	0	0	7	2	2
KEWANEE	85.5	60.5	73.0		95	29	43	3	10	10	0	0	0	4.12	-		2.47	20	.0	0	0	4	2	2
MOLINE WB AIRPORT	83.8	61.7	73.6	.7	95	29	47	2	10	11	0	0	0	5.87	-		3.42	20	.0	0	0	3	2	2
MORRISON	83.6	58.0	70.8	-.2	94	10	43	1	25	9	0	0	0	3.89	-	.68	1.30	14	.0	0	0	6	4	1
MOUNT CARROLL																								
PAW PAW	81.3	58.2	69.8	-.1	92	9	44	4	38	3	0	0	0	7.76	-		2.42	15	.0	0	0	6	5	4
ROCHELLE 1 W	82.3	57.4	69.9		95	30	42	3	45	9	0	0	0	4.34	-	.09	1.75	20	.0	0	0	4	3	2
ROCKFORD WB AIRPORT	80.9	56.2	68.6	-.1	93	8	42	16	56	4	0	0	0	6.51	-	2.21	2.16	21	.0	0	0	7	3	3
STOCKTON	81.8	58.3	70.1		93	29	45	3	38	7	0	0	0	2.28	-		.63	22	.0	0	0	8	2	0
TISKILWA																								
WALNUT	86.3	60.3	73.3	.2	95	29	43	3	12	12	0	0	0	4.73	-	.69	2.52	20	.0	0	0	5	2	2
DIVISION																								
			71.5	1.0												4.83	.29							
NORTHEAST 02																								
ANTIUCH	81.9	56.7	69.3		94	30	39	16	59	8	0	0	0	3.56	-		2.06	15	.0	0	0	5	2	2
AURORA COLLEGE	83.4	59.2	71.3	2.1	93	29	41	3	30	10	0	0	0	5.07	.79		2.17	15	.0	0	0	6	4	1
BARRINGTON 1 NW	82.6	54.4	68.5		93	30	37	2	69	11	0	0	0	3.29	-		1.77	15	.0	0	0	5	2	1
CHICAGO O HARE AIRPORT	81.6	56.4	69.0	1.0	92	8	39	2	63	9	0	0	0	2.86	-	1.10	1.13	22	.0	0	0	4	2	1
CHICAGO UNIVERSITY	81.3	62.0	71.7	2.8	97	29	50	3	37	8	0	0	0	2.52	-	1.27	.67	15	.0	0	0	5	2	0
CHICAGO WB AIRPORT																								
CHICAGO WB CITY	84.3	61.9	73.1	2.6	96	29	47	3	23	11	0	0	0	1.94	-	2.13	.60	19	.0	0	0	6	2	0
JOLIET																								
MARENGO	86.3M	61.8M	74.1M		95	29	45	3	15	14	0	0	0	3.97	-		1.87	20	.0	0	0	6	3	1
MORRIS 3 N	83.7	57.0	70.4		97	29	39	16	55	10	0	0	0	4.02	-		2.00	22	.0	0	0	6	2	1
OTTAWA																								
PARK FOREST	84.6M	58.2M	71.4M	.5	95	29	39	3	28	12	0	0	0	5.58	-	2.09	2.45	20	.0	0	0	4	4	3
PERU SEWAGE PLANT	86.6	61.2	73.9	2.0	97	27	47	3	10	13	0	0	0	4.12	.16		1.24	21	.0	0	0	5	4	1
SYCAMORE	83.6	59.8	71.7		95	28	44	3	29	11	0	0	0	3.69	-		1.70	19	.0	0	0	6	3	1
WALKEGAN 2 WNW	85.3	61.0	73.2	.4	95	29	45	3	17	12	0	0	0	3.36	-	.33	1.46	19	.0	0	0	4	2	1
WHEATON COLLEGE																								
			71.9		95	29	45	3	36	11	0	0	0	2.69	-		1.35	15	.0	0	0	5	1	1
DIVISION																								
			71.3	1.4												3.58	-.50							
WEST 03																								
GALESBURG	82.9	61.1	72.0		93	29	43	3	18	8	0	0	0	3.69	-	1.06	.95	19	.0	0	0	6	3	0
GOLDEN 1 NW	83.8	59.0	71.4		96	29	42	4	20	7	0	0	0	3.02	-	1.42	1.05	6	.0	0	0	5	3	1
LA HARPE	85.3	61.6	73.5	1.0	95	29	43	3	6	11	0	0	0	4.54	-	.62	2.34	20	.0	0	0	7	7	1
MONMOUTH	84.3	60.9	72.6	.8	93	29	44	3	14	10	0	0	0	3.00	-	2.20	1.37	20	.0	0	0	6	2	1
QUINCY	84.9	63.8	74.4	.8	95	22	49	3	11	10	0	0	0	5.04	-	.37	2.22	21	.0	0	0	5	3	2
QUINCY FAA AIRPORT																								
RUSHVILLE	83.1	62.1	72.6		95	29	43	3	20	6	0	0	0	3.99	-		1.70	21	.0	0	0	3	3	2
DIVISION																								
			72.9	-.1												3.78	-1.06							
CENTRAL 04																								
BLOOMINGTON NORMAL	85.2	62.8	74.0	1.2	94	28	45	3	7	9	0	0	0	5.07	.46		2.07	21	.0	0	0	6	3	2
CHENOA	85.8	62.9	74.4	.8	97	28	43	3	7	10	0	0	0	4.10	-	.60	2.29	21	.0	0	0	6	2	1
DECATUR	85.8M	60.7M	73.3M		95	19	43	3	11	11	0	0	0	5.32	-		1.74	21	.0	0	0	5	3	2
FARMER CITY	87.0	61.1	74.1	.6	96	20	40	3	10	14	0	0	0	4.65	-	.43	2.27	20	.0	0	0	5	4	1
HAVANA	85.2M	61.0M	73.1M		94	28	43	3	12	11	0	0	0	5.82	-	.78	4.18	20	.0	0	0	6	2	1
LACON 1 E	86.3	61.9	74.1	.9	97	29	45	3	6	10	0	0	0	3.73	-		.99	21	.0	0	0	8	4	0
LINCOLN	85.9	62.6	74.3		97	28	41	3	11	12	0	0	0	4.62	-		2.25	20	.0	0	0	4	3	2
MASON CITY	86.9	59.2	73.1		97	19	41	3	13	12	0	0	0	3.18	-	.65	2.29	20	.0	0	0	6	1	1
MINONK	84.4	60.9	72.7	1.0	94	19	41	3	17	9	0	0	0	4.22	-	.14	2.31	19	.0	0	0	6	1	1
PEORIA WB AIRPORT	//R																							
PRINCEVILLE 1 N																								
			73.3	.5												4.81	.39							
DIVISION																								
			73.4	1.6												4.55	.32							
EAST 05																								
DANVILLE	87.0	61.1	74.1	1.9	96	19	43	3	12	15	0	0	0	5.35	-	.78	2.51	20	.0	0	0	6	2	2
HOOPESTON	84.2	61.5	72.9	.7	94	28	45	3	19	9	0	0	0	7.83	-	3.27	2.83	20	.0	0	0	6	3	3
KANKAKEE 3 SW	86.1M	60.6M	73.4M	2.3	95	28	43	3	14	12	0	0	0	4.01	-	.07	1.51	20	.0	0	0	6	3	1
PONTIAC	86.7	62.4	74.6	2.5	95	28	46	3	12	14	0	0	0	3.45	-	.64	1.81	20	.0	0	0	6	2	1
RANTOUL CHANUTE AFB	83.1	62.5	72.8		94	19	48	3	15	7	0	0	0	1.40	-		.63	5	.0	0	0	4	1	0
ROBERTS 3 N																								
URBANA	86.1	60.6	73.4	.9	95	29	44	3	14	12	0	0	0	4.61	-	.68	2.68	20	.0	0	0	4	2	2
WATSEKA 2 NW	84.4	62.2	73.3	.9	94	19	48	3	12	9	0	0	0	5.20	-	.66	2.12	20	.0	0	0	8	4	2
DIVISION																								
			72.9M		96	19	41	3	19	11	0	0	0	4.57	-	.66	1.41	20	.0	0	0	9	4	1

See Reference Notes Following Station Index









# DAILY TEMPERATURES

ILLINOIS  
JUNE 1964

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHWEST 01																																	
ALEDO	MAX MIN	72 47	69 46	79 45	81 51	73 58	75 56	85 87	92 95	94 72	89 58	83 54	84 66	85 67	78 64	77 61	78 50	85 59	89 68	87 65	86 64	87 68	91 68	85 70	81 57	88 61	92 63	94 64	94 65	95 69	91 65		
OIXON	MAX MIN	73 49	69 49	78 43	81 47	74 53	77 50	86 55	94 55	94 69	86 58	85 50	83 65	89 55	86 60	78 46	69 46	83 50	89 65	84 65	87 68	94 68	87 66	83 66	91 62	96 66	92 68	95 67	95 71	92 66			
FREEPORT	MAX MIN	67 43	66 45	73 48	75 44	73 49	73 47	78 56	91 59	91 71	78 58	81 48	80 63	87 67	81 63	75 60	67 43	77 51	85 68	87 66	82 65	85 70	84 66	75 64	79 58	84 62	88 65	88 61	91 64	92 66	88 65		
FLLTON DAM 13	MAX MIN	67 54	67 52	75 50	75 50	72 55	73 53	81 57	91 71	91 81	75 58	80 54	81 64	83 66	83 62	77 60	70 50	82 54	87 69	84 65	83 62	86 62	89 60	77 54	81 61	84 64	87 65	92 65	92 68	90 68			
GALVA	MAX MIN	73 50	70 52	78 43	80 52	67 55	75 55	82 58	92 62	91 70	89 58	83 52	83 65	87 65	81 60	79 50	77 49	86 55	89 68	87 63	84 62	85 62	90 62	85 62	86 57	86 61	90 63	91 66	92 67	90 64			
GENESEO	MAX MIN	72 50	68 50	77 46	82 52	71 50	75 59	85 58	92 62	93 72	89 58	89 53	83 67	85 68	80 65	79 60	79 50	84 56	89 70	86 69	84 65	86 72	91 70	80 66	81 60	87 62	90 65	92 65	93 68	94 72	92 67		
HENNEPIN POWER PLANT	MAX MIN	73 52	71 52	79 43	84 48	74 55	78 53	85 57	93 71	91 81	89 60	86 53	84 66	90 65	84 61	77 46	78 54	85 71	89 85	87 64	87 62	87 62	91 69	81 66	81 61	87 58	91 61	93 62	95 61	95 66	93 63		
KEWANEE	MAX MIN	74 51	71 53	76 47	81 44	73 51	76 48	84 55	93 71	92 81	91 60	84 52	83 65	89 66	85 60	80 50	76 49	86 55	90 68	88 63	87 62	90 62	85 62	81 54	88 61	92 65	93 68	95 69	95 72	94 67			
MCLINE WB AIRPORT	MAX MIN	72 50	70 44	79 45	82 48	70 56	74 59	84 54	92 60	95 65	78 60	83 54	84 67	83 67	80 62	79 59	71 52	85 58	88 69	85 68	86 71	90 69	78 63	82 62	88 60	91 63	94 63	95 65	92 65				
MCRRISON	MAX MIN	70 43	68 45	76 44	80 45	79 53	73 55	82 55	91 71	93 81	81 60	86 53	84 66	87 65	77 60	79 50	79 46	88 68	83 63	86 60	86 59	90 63	79 63	81 58	86 62	90 61	91 62	93 64	92 67	89 63			
MCUNT CARROLL	MAX MIN	68 46	65 45	75 47	77 44	74 48	72 54	79 54	91 72	92 81	81 60	84 52	80 65	76 55	75 46	80 52	86 68	85 65	82 68	84 65	84 72	88 66	76 63	78 50	85 63	87 64	87 66	89 64	90 65	88 65			
PAW PAW	MAX MIN	71 49	70 48	70 42	75 44	78 51	71 52	84 55	93 61	92 60	72 47	81 53	85 64	90 64	83 58	76 43	67 48	80 53	88 67	90 61	88 65	82 65	85 63	92 56	80 59	79 64	87 66	91 67	90 70	93 68			
ROCHELLE I W	MAX MIN	70 48	70 43	67 41	76 42	80 52	73 47	78 56	84 62	94 67	84 58	93 63	84 59	82 63	89 63	75 59	67 46	87 60	89 65	87 67	80 65	83 67	91 65	91 57	87 59	82 62	87 61	91 64	94 67	95 63			
ROCKFORD WB AIRPORT	MAX MIN	70 44	66 42	74 42	77 43	75 48	75 53	81 57	93 65	91 65	72 46	81 62	81 64	87 64	83 47	76 42	65 51	77 66	85 66	87 66	81 66	82 66	86 64	76 58	78 64	84 66	87 66	87 65	90 65	89 63			
STOCKTON	MAX MIN	70 45	65 45	75 45	79 50	75 51	74 50	80 58	92 58	92 70	78 56	84 49	83 61	87 64	81 62	79 54	66 48	79 53	87 66	85 66	85 67	86 67	82 63	76 57	81 60	87 62	90 65	91 65	92 65	93 65			
TISKILWA	MAX MIN	74 46	73 51	78 43	84 46	74 55	79 56	85 56	94 68	93 68	80 50	86 63	93 66	85 64	85 60	78 46	86 51	89 69	88 65	87 60	89 68	93 62	82 68	82 66	89 58	92 62	93 61	95 64	95 66	92 62			
WALNUT	MAX MIN	71 49	68 52	77 46	83 45	78 55	75 57	86 57	92 62	92 64	85 57	82 49	88 64	85 63	78 59	75 46	85 53	89 68	88 65	85 67	86 71	91 68	80 64	81 57	88 64	90 65	92 65	92 69	92 65				
NORTHEAST 02																																	
ANTIOCH	MAX MIN	70 45	69 43	76 44	72 43	76 45	73 49	81 54	93 71	90 84	72 54	82 44	92 65	84 63	73 54	67 39	76 47	85 66	90 68	83 66	85 63	84 59	79 63	80 58	87 59	92 67	92 65	93 67	93 67	94 67			
ALDRA COLLEGE	MAX MIN	72 51	68 48	76 41	80 44	73 50	77 50	85 57	92 59	92 71	76 53	80 48	87 65	90 64	85 66	73 46	68 46	79 53	88 67	90 66	86 69	85 69	90 66	81 66	81 66	87 68	91 63	93 67	93 69	90 65			
BARRINGTON I NW	MAX MIN	67 44	66 44	76 42	72 42	74 44	81 50	90 51	91 54	91 54	89 52	74 42	83 55	90 64	90 65	82 56	39 48	76 65	83 65	90 68	90 64	85 63	85 59	76 61	85 51	87 55	90 63	91 61	93 65	93 64			
CHICAGO O HARE AIRPORT	MAX MIN	69 41	68 39	74 45	72 46	74 47	75 45	81 55	92 69	91 69	74 48	87 62	91 65	82 60	75 50	65 45	77 51	85 67	89 68	82 68	85 64	90 62	81 62	82 60	85 58	90 65	91 61	92 62	91 61				
CHICAGO UNIVERSITY	MAX MIN	63 51	67 51	72 50	67 55	72 55	71 58	79 60	92 72	93 72	72 54	71 65	90 65	93 69	77 62	73 51	62 46	80 68	89 67	84 65	84 63	87 63	84 62	75 62	88 61	94 70	88 70	89 74	97 75	95 74			
CHICAGO WB AIRPORT	MAX MIN	68 52	71 49	76 47	75 52	75 55	75 56	85 62	94 60	93 70	71 53	76 53	84 65	86 65	76 54	70 46	93 51	84 56	89 69	88 69	84 69	86 69	82 69	85 69	85 65	89 62	94 68	95 68	94 73	94 71			
CHICAGO WB CITY	MAX MIN																																
JOLIET	MAX MIN	74 50	67 50	76 45	78 56	74 53	76 55	84 62	94 70	93 81	81 61	91 48	91 65	92 67	81 68																		
WARENGO	MAX MIN	70 45	68 45	75 39	76 46	73 46	73 45	83 54	92 55	92 67	88 58	80 43	82 59	93 65	83 66	75 56	67 39	75 49	85 66	92 74	87 65	85 66	90 62	79 62	80 57	88 65	92 65	94 65	97 64	94 67			
MCRRIS 5 N	MAX MIN	72 53	71 49	79 39	82 48	70 50	80 50	85 57	95 53	95 58	80 59	84 46	90 65	91 62	78 60	69 44	80 51	86 65	87 68	90 68	85 64	81 68	91 66	82 66	80 60	87 62	94 64	95 64	95 66				
OTTAWA	MAX MIN	78 53	71 52	80 46	86 46	71 50	80 58	88 60	94 71	92 80	87 60	89 56	95 67	84 67	82 59	73 49	80 53	91 68	90 67	80 65	91 67	87 65	87 68	93 69	83 65	85 66	90 66	94 66	96 66	90 64			
PARK FOREST	MAX MIN	68 41	71 48	76 44	77 52	73 52	78 55	85 63	93 71	93 81	72 52	82 50	92 65	83 65	87 62	74 49	66 53	82 68	87 66	84 66	84 68	90 65	83 61	80 61	86 67	91 66	93 66	95 67	93 73	92 70			
PERU SEWAGE PLANT	MAX MIN	73 52	70 48	78 45	84 46	68 50	79 48	84 58	93 70	95 80	79 57	86 50	90 67	93 67	85 56	71 44	85 56	91 69	87 66	87 67	85 71	91 69	87 68	92 66	82 63	88 66	92 66	94 67	95 67	92 65			
SYCAMORE	MAX MIN	70 48	73 42	75 44	79 46	74 50	78 48	85 58	94 70	90 68	83 59	82 46	83 56	91 66	82 57	76 40	67 50	88 66	87 65	88 69	85 69	87 67	90 66	84 64	85 67	88 66	91 66	92 66	95 66	92 64			
WAUKEGAN 2 WNW	MAX MIN	64 48	67 42	70 43	63 45	72 47	68 49	75 54	91 72	91 81	88 53	69 47	85 55	91 67	84 64	71 55	61 47	86 66	91 76	83 67	87 61	87 61	78 58	80 63	77 60	88 60	93 67	90 69	94 69	91 69			
HEATON COLLEGE	MAX MIN	71 48	72 45	75 45	76 47	73 49	75 49	84 52	92 78	92 68	88 57	77 46	90 63	83 63	75 60	68 48	79 53	86 68	85 66	87 68	93 66	85 68	87 68	90 62	86 66	89 65	94 66	95 66	95 66	90 68			
EAST 03																																	
GALESBURG	MAX MIN	73 61	70 49	78 43	78 55	66 57	74 57	82 59	91 65	90 68	79 58	82 54	83 67	85 65	81 56	78 40	72 52	85 68	89 70	91 67	87 65	85 71	90 64	87 58	82 66	87 61	90 66	90 66	92 66	93 65	86 65		
GLOEN I NW																																	



# DAILY TEMPERATURES

ILLINOIS  
JUNE 1964

Continued

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MONMOUTH	MAX	73	70	78	78	75	74	82	91	91	90	83	83	85	82	78	77	82	90	92	88	86	90	87	82	87	91	91	92	93	87	84.3 60.9
	MIN	45	53	44	57	57	57	58	64	70	56	53	67	65	65	60	51	57	70	75	65	70	68	65	58	60	61	63	64	68	62	
OLINCY	MAX	75	72	80	75	63	78	81	91	89	86	83	81	85	87	79	78	86	90	95	91	87	95	89	84	90	92	93	94	94	85	84.9 63.8
	MIN	50	52	49	61	55	60	63	67	72	58	57	68	65	69	67	55	66	71	75	65	65	73	70	62	61	64	66	67	75	67	
OLINCY FAA AIRPORT	MAX	75	70	76	75	61	77	80	89	87	78	82	80	84	83	79	78	84	88	94	89	84	92	80	85	86	91	91	94	95	85	83.1 62.1
	MIN	50	48	43	57	55	58	63	65	67	57	56	67	62	66	65	54	64	70	73	65	67	71	65	60	64	68	68	69	66		
RUSHVILLE	MAX	75	72	79	76	59	79	79	88	92	81	88	86	88	86	76	79	89	92	95	89	82	93	90	86	89	91	93	96	96	91	85.2 62.6
	MIN	52	50	42	52	55	60	62	63	68	56	53	53	62	62	54	56	70	71	72	72	70	69	69	59	66	68	72	75	75	71	
CENTRAL 04																																
BLOOMINGTON NORMAL	MAX	73	73	78	80	77	76	81	88	89	87	84	86	86	84	78	77	86	88	92	94	88	91	91	84	85	90	91	94	93	92	85.2 62.8
	MIN	54	52	45	55	57	57	62	65	67	60	53	66	66	68	68	51	59	69	75	65	67	71	71	60	63	64	66	69	73	67	
CHENOA	MAX	75	71	76	80	72																										93 88 65
	MIN	50	50	44	54	57																										
DECATUR	MAX	77	73	77	80	72	80	85	90	91	86	87	91	83	86	83	77	83	88	94	90	88	93	88	82	88	91	93	97	95	86	85.8 62.9
	MIN	52	53	43	55	57	57	61	65	69	61	53	71	65	66	67	52	60	69	74	67	67	72	71	62	58	62	67	68	73	69	
FARMER CITY	MAX	77	70	80	82	78		84	90	90	88	85	90	85	84	84	74	84	89	95	90	87	91	91	80	87	90	92	93	92	85	85.8 60.7
	MIN	51	50	43	51	56		60	64	65	58	50	64	64	66	65	52	56	69	73	64	63	69	70	60	58	62	65	64	67	62	
HAVANA	MAX	75	73	80	80	71	79	87	91	91	90	88	88	89	86	82	78	87	92	95	96	90	94	94	81	89	90	92	94	95	94	87.0 61.1
	MIN	55	53	40	53	57	58	60	65	69	57	59	63	66	66	65	48	57	67	70	67	64	69	68	63	59	59	64	64	66	63	
LACON 1 E	MAX	75	69	78	80	71	78	84	92	92	87	87		89	87	78	77	86	91	91	84	92	89	80	86	90	91	94	93	90	85.2 61.0	
	MIN	53	52	43	51	57	57	59	60	65	60	51		67	67	61	49	56	69	76	67	60	69	60	61	62	64	65	65	71		63
LINCOLN	MAX	77	79	80	81	65	81	85	90	90	83	88	89	88	85	80	78	85	87	95	92	88	94	86	84	90	93	94	97	97	88	86.3 61.9
	MIN	53	50	45	57	56	54	60	67	66	58	53	67	66	67	60	54	59	69	74	72	68	70	67	61	58	61	65	65	68	66	
MASON CITY	MAX	74	72	79	79	78	79	82	91	92	90	86	85	85	86	83	73	87	92	95	88	84	95	90	83	86	90	94	97	93	90	85.9 62.6
	MIN	58	50	41	51	59	58	67	64	67	59	52	67	65	66	67	52	60	70	73	63	70	73	71	62	59	63	66	71	70	63	
MINONK	MAX	78	73	80	84	69	80	86	95	94	84	87	92	94	85	78	75	89	92	97	89	87	95	86	80	89	93	94	96	96	91	86.9 59.2
	MIN	52	49	41	47	57	56	57	62	64	56	49	64	63	63	60	48	55	66	71	64	67	67	66	58	58	59	63	68	68	62	
REORIA W8 AIRPORT	MAX	74	72	79	79	65	77	82	91	90	82	85	85	89	83	78	74	87	92	96	89	84	93	83	81	85	90	91	93	94	88	84.4 60.9
	MIN	50	49	41	51	58	58	59	64	67	59	54	66	65	64	53	52	60	70	67	66	69	69	66	62	59	63	65	69	71	62	
PRINCEVILLE 1 N	MAX	73	70	77	78	70	75	82	91	90	80	89	83	88	82	74	85	90	92	91	88	83	90	87	80	88	89	90	91	91	89	84.5 62.0
	MIN	50	50	45	57	58	60	58	64	68	60	52	65	65	60	50	55	68	74	70	65	70	70	66	63	60	65	70	68	72	63	
EAST 05																																
DANVILLE	MAX	75	72	78	81	76	79	84	93	95	90	85	92	87	90	88	75	85	90	96	92	90	92	90	84	87	91	94	95	94	89	87.0 61.1
	MIN	51	50	43	50	57	57	60	62	71	62	50	64	64	64	67	51	56	68	75	65	67	69	75	62	58	60	63	63	64	65	
WOODRESTON	MAX	71	70	76	81	74	77	81	90	91	86	81	90	85	86	82	72	83	88	94	87	84	90	88	80	85	90	93	94	92	86	84.2 61.5
	MIN	48	49	45	55	57	56	60	63	71	61	48	64	65	67	66	48	55	67	74	64	67	69	73	62	61	68	64	67	66	65	
KANKAKEE 3 SW	MAX	73	70	77	83	73	79	86	94	91		85	94	90	84	84	73	83	89	95	93	84	90	89	80	87	91	93	95	94	93	86.1 60.6
	MIN	54	53	43	53	55	56	60	61	61		46	66	67	67	62	48	53	66	75	64	68	68	70	61	60	63	63	65	65	65	
PCNTJAC	MAX	74	72	76	80	70	79	85	92	92	91	84	91	91	89	84	77	85	89	95	95	89	92	91	83	88	92	94	95	94	93	86.7 62.4
	MIN	52	54	46	55	57	57	61	63	69	60	50	67	67	68	68	47	56	68	76	65	68	68	72	63	63	64	66	67	69	67	
RANTOUL CHANUTE AFB	MAX	71	69	76	81	65	78	82	90	92	83	81	88	82	83	80	72	82	89	94	88	84	90	84	79	84	89	90	92	92	84	83.1 62.5
	MIN	53	53	48	50	58	59	63	63	70	57	52	67	67	67	58	53	57	68	70	66	68	71	68	63	65	64	69	70	70	69	
ROBERTS 3 N	MAX	75	71	76	80	76	73	85	92	94	87	85	91	88	85	83	75	85	90	95	89	86	91	89	85	93	90	93	95	95	90	86.1 60.6
	MIN	52	51	44	52	51	56	61	60	74	60	48	63	65	66	64	48	53	67	75	64	66	68	71	60	60	62	64	65	65	63	
URBANA	MAX	76	70	77	80	65	78	82	90	92	85	84	92	85	87	79	75	82	89	94	89	86	91	85	80	86	91	92	93	93	85	84.4 62.2
	MIN	53	52	48	54	57	57	62	65	70	56	52	65	66	65	58	51	58	69	68	65	67	72	66	63	63	65	68	71	72	68	
WA7SEKA 2 NW	MAX	74	70	76	81	78	79	83	91	94	85	82	92	88	85	83	70	85	88	96	87	87	90	90	82	86	91	92	93	92	91	85.4 60.4
	MIN	50	51	41	49	56	57	61	62		62	49	62	63	66	63	49	53	68	75	64	68	68	72	62	59	61	63	62	67	65	
WEST SOUTHWEST 06																																
ALTON DAM 26	MAX	75	71	75	78	69	83	82	91	89	82	89	85	85	89	81	82	82	88	92	92	92	94	84	84	89	89	92	95	95	83	85.2 66.0
	MIN	56	57	54	55	57	56	64	69	70	68	60	70	68	69	67	57	67	71	76	74	69	73	69	66	69	66	67	69	75	72	
CARLINVILLE	MAX	74	73	78	80	76	82	84	90	90	87	90	90	84	89	86	81	84	92	95	93	90</										



# DAILY TEMPERATURES

ILLINOIS  
JUNE 1964

Continued

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EFFINGHAM	MAX MIN	75 58	73 55	77 47	80 51	75 60	83 61	88 64	92 68	93 69	90 68	89 56	95 70	89 69	91 70	86 69	80 54	82 61	90 67	93 74	93 73	91 68	89 72	94 73	86 62	88 59	92 63	95 63	97 66	95 69	87 72	87.6 64.4
FLORA 2 Nw	MAX MIN	73 57	74 53	75 49	78 48	74 60	82 60	85 64	90 61	92 62	90 71	89 57	93 67	86 69	88 68	83 69	79 46	81 62	88 66	90 72	92 72	92 69	94 71	91 63	85 63	86 58	88 60	90 59	92 65	88 64	88 68	86.1 62.8
MARSHALL 1 E	MAX MIN	75 54	70 50	76 44	80 51	77 58	81 58	85 61	91 61	94 71	91 67	87 52	96 64	90 67	90 68	87 67	78 52	85 62	89 67	94 71	94 69	92 60	92 68	92 73	87 61	87 57	91 58	94 60	96 62	94 61	90 66	87.5 61.0
MATTOON	MAX MIN	72 55	70 52	76 46	81 54	65 59	80 60	85 64	90 67	93 70	87 61	90 52	93 67	87 68	91 60	80 60	77 52	83 58	89 68	93 73	92 70	88 66	93 71	86 67	83 60	86 53	90 62	93 64	96 65	93 68	83 66	85.3 62.6
MCNEAGUA	MAX MIN	75 50	72 51	73 40	81 40	76 56	82 58	94 60	90 63	91 67	89 65	92 52	90 68	88 65	89 66	85 66	78 51	83 57	90 64	98 73	91 69	88 63	93 70	80 63	81 68	87 60	90 59	90 68	86 65	86 67	86.4 60.4	
NEWTON	MAX MIN	75 57	72 53	77 48	79 49	76 60	83 60	88 65	90 65	93 70	92 70	90 56	95 68	88 68	88 69	88 69	78 54	83 60	88 68	91 73	93 67	91 67	94 70	93 62	88 62	87 59	89 62	93 62	95 62	88 67	88 72	87.3 63.7
OLNEY	MAX MIN	71 51	73 52	74 46	78 44	75 43	82 45	85 66	89 67	90 72	88 72	86 59	93 60	86 69	90 70	87 69	80 59	82 60	88 67	90 74	91 76	91 68	92 75	82 64	89 64	85 58	88 59	90 58	94 67	91 65	87 66	85.9 62.3
PALESTINE	MAX MIN	78 57	73 52	78 49	83 49	67 61	86 61	87 66	94 67	96 72	93 71	93 58	99 67	92 70	90 66	85 66	82 56	85 59	90 69	95 73	90 68	91 67	96 75	89 63	86 59	89 64	93 65	93 64	95 64	88 66	88 70	88.6 63.9
PARIS WATERWORKS	MAX MIN	75 55	69 49	76 45	80 54	72 60	80 58	85 65	90 67	93 72	88 66	85 52	95 65	87 67	90 68	85 68	78 52	84 56	90 69	94 73	92 67	88 67	94 71	90 63	88 63	88 59	92 63	94 66	97 66	93 72	87 72	86.5 63.4
SALEM	MAX MIN	73 58	74 54	75 47	78 47	74 59	83 62	86 64	91 66	92 72	89 70	88 59	90 68	85 68	90 68	90 68	79 56	79 65	88 68	91 74	93 71	93 70	94 69	93 85	85 61	87 58	87 59	91 61	96 67	93 69	91 88	86.6 63.9
TULSCOLA	MAX MIN	74 55	73 50	79 44	82 49	76 58	80 60	87 64	93 67	95 72	91 63	88 52	95 67	90 65	86 67	87 67	86 52	86 63	90 69	96 74	94 67	93 67	94 72	93 63	88 63	90 60	93 62	93 67	96 68	95 68	93 69	88.6 62.5
VANDALIA FAA AIRPORT	MAX MIN	74 54	73 53	78 45	79 54	68 57	83 60	87 65	92 62	94 71	88 66	91 55	92 67	87 66	94 61	83 61	81 53	82 62	91 68	93 73	93 69	91 69	95 64	89 61	86 57	89 59	92 59	92 63	86 67	82 69	82 69	86.6 61.9
WINDSOR	MAX MIN	72 64	72 53	77 46	81 53	70 57	82 59	85 63	91 66	93 69	89 65	87 53	93 68	87 67	90 68	83 67	77 52	84 59	88 68	94 73	93 70	89 66	91 81	83 62	86 60	91 65	92 65	96 65	92 66	90 72	86.5 63.4	
SOUTHWEST 08																																
ANNA 1 E	MAX MIN	78 55	76 53	76 51	80 47	75 62	86 63	86 65	93 68	92 74	92 75	92 62	94 67	91 69	96 71	92 73	82 61	78 66	87 69	90 73	95 73	96 72	97 74	94 73	88 60	90 59	91 61	95 62	97 65	95 69	79 66	88.4 65.3
BELLEVILLE SCOTT AFB	MAX MIN	74 55	73 59	73 51	76 52	71 59	82 63	83 65	90 66	90 72	83 68	89 61	90 71	82 69	90 69	82 65	80 58	78 66	88 71	90 75	91 74	93 74	94 69	86 63	83 63	85 61	89 62	92 61	95 67	93 70	81 70	86.9 65.2
CAIRO NB CITY	MAX MIN	77 58	74 57	77 56	79 55	78 67	85 65	88 69	92 75	92 72	94 77	94 70	96 72	93 76	96 73	84 76	76 81	73 73	89 77	93 77	95 77	98 77	96 76	88 69	88 69	92 68	94 68	97 71	92 74	80 71	89.0 70.1	
CARBONDALE SEWAGE PL	MAX MIN	77 57	76 53	76 46	78 63	74 63	85 63	88 67	92 67	92 75	90 74	90 60	93 69	90 70	94 70	93 70	82 62	80 67	88 70	90 73	95 73	96 73	97 72	95 60	89 60	87 56	89 56	93 61	95 61	84 68	88.1 64.7	
CARLYLE RESERVOIR	MAX MIN	73 55	72 54	72 47	74 51	77 59	82 57	85 64	89 66	91 71	91 67	86 58	88 63	91 68	82 69	90 65	82 56	80 57	79 66	87 66	90 72	91 71	92 70	83 61	86 60	81 58	85 64	87 63	90 67	94 68	92 88	84.4 63.2
COBDEN 2 5	MAX MIN	78 54	74 50	75 47	80 47	75 62	84 62	85 65	92 68	91 74	91 62	94 60	93 67	90 69	94 73	85 69	85 66	75 69	91 69	95 74	91 73	96 70	97 71	94 60	88 60	88 57	92 60	96 59	97 61	94 68	80 66	88.1 64.5
DU QUOIN 2 5	MAX MIN	75 57	74 54	74 50	77 48	73 61	84 63	85 65	90 67	92 77	88 73	90 63	92 67	87 67	92 71	87 68	82 62	78 57	87 70	90 73	93 72	96 74	95 70	90 62	85 60	89 58	89 58	93 63	95 67	89 69	89.8 65.2	
EAST ST LOUIS PK5 COL	MAX MIN	75 56	74 57	76 49	74 57	69 63	83 63	82 65	91 69	91 76	89 69	86 62	85 69	82 70	87 65	80 65	81 56	79 68	88 72	91 79	92 75	93 74	94 69	82 65	85 63	86 61	88 65	92 67	95 69	86 70	86.6 66.2	
MAKANDA 1 Nw	MAX MIN	70 55	74 53	74 50	78 55	75 62	85 62	86 66	92 70	91 70	89 62	90 62	92 69	89 71	89 71	88 71	83 61	79 67	87 67	91 71	94 73	94 74	96 72	91 61	88 61	88 58	92 62	94 64	96 68	95 79	79 65	86.9 65.1
NASHVILLE 3 Nw	MAX MIN	73 57	75 54	75 48	77 50	72 59	82 61	86 65	90 68	91 72	88 69	89 66	93 72	84 68	88 69	81 59	80 65	88 69	90 74	93 73	94 76	95 73	90 69	85 60	88 57	88 60	89 59	92 61	96 61	88 61	88.6 64.1	
NEW BURNSIDE	MAX MIN	77 51	75 48	76 48	79 46	76 63	85 62	87 67	90 73	90 73	91 67	91 59	95 68	93 69	95 71	83 60	79 67	88 69	90 73	92 74	95 71	95 70	84 60	89 60	87 54	90 55	92 65	94 61	96 65	84 67	88.1 63.8	
SPARTA	MAX MIN	75 56	75 56	75 47	78 53	72 60	83 62	88 65	91 68	91 72	89 67	92 61	92 69	86 67	92 70	84 66	80 66	88 69	90 74	93 73	93 74	95 70	92 61	85 60	88 58	90 61	94 63	95 64	95 67	92 68	87.5 65.3	
WATERLOO 1 W5w	MAX MIN	75 55	74 55	75 46	77 51	71 58	83 62	83 66	90 73	90 73	87 68	91 61	90 68	80 66	89 68	89 67	82 59	82 65	87 69	89 79	91 72	92 75	93 67	91 67	85 58	88 56	90 60	93 59	94 62	87 67	87.0 63.7	
SCUTHEAST 09																																
ALRION	MAX MIN	78 57	78 54	76 56	74 50	74 61	83 61	86 65	90 68	91 72	90 73	90 61	95 69	90 71	88 70	83 71	83 60	87 59	87 68	91 74	93 71	93 72	95 71	93 68	88 63	88 57	91 62	94 66	95 66	88 68	87.9 65.7	
BROOKPORT DAM 52	MAX MIN	78 52	74 51	78 49	78 46	80 61	87 61	90 67	91 72	91 72	95 74	92 62	96 69	92 68	93 73	91 73	85 61	77 60	88 68	90 75	94 71	95 71	96 71	95 62	87 62	85 58	90 58	93 63	97 69	78 69	88.3 64.7	
ELIZABETHTOWN	MAX MIN	75 52	77 50	77 46	80 41	77 59	86 61	87 64	90 66	92 70	93 69	90 58	95 64	91 66	94 71	80 65	81 60	76 65	89 68	91 71	93 69	95 69	96 62	95 62	85 55	88 54	91 61	92 69	80 68	80 68	87.8 62.4	
FAIRFIELD RADIO WFIA	MAX MIN																															

# DAILY SOIL TEMPERATURES

ILLINOIS  
JUNE 1964

STATION AND DEPTH	TIME	Day of month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
URBANA 4 INCHES	7 AM	66	65	63	64	67	63	68	71	73	73	71	73	73	74	74	68	70	72	75	73	74	75	78	75	74	76	77	77	78	78	71.9
	MAX MIN	74 65	74 65	72 63	72 63	72 63	67 63	72 63	75 63	80 73	81 73	83 71	80 71	80 73	77 73	80 74	76 68	79 68	76 70	79 72	84 73	79 73	80 74	85 76	84 75	82 74	83 74	85 76	86 77	86 78	87 78	
8 INCHES	7 AM	67	67	66	65	67	64	67	70	73	74	72	73	74	74	74	71	71	72	74	76	76	76	78	76	76	76	77	78	79	79	72.7
	MAX MIN	70 67	70 67	68 66	68 65	68 66	67 64	69 64	71 64	75 70	76 73	77 72	76 73	76 73	76 74	75 74	74 71	75 71	74 71	74 72	75 73	76 75	77 76	79 75	79 76	79 76	79 76	80 77	81 78	81 79	81 79	

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMOMETER.  
 \*LANAGAN SILT LOAM UNDER BLUEGRASS SOD. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 AM CST	NOON CST	6:00 PM CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
CAIRO WB CITY	S <sub>2</sub>	-	8.3	32	SW <sub>2</sub>	9	-	-	-	6	4	2	0	0	0	12	63	5.3	
CHICAGO O HARE AIRPORT	23	7	9.2	32++	23	9	80	82	56	58	5	2	1	1	0	15	-	5.9	
CHICAGO MIDWAY AIRPORT	21	6	9.5	41	NW	22	69	75	50	53	3	4	2	0	0	12	65	5.8	
MOLINE WB AIRPORT	25	5	8.4	40	SW	9	77	79	52	55	3	4	2	3	1	0	13	62	5.9
PEORIA WB AIRPORT	18	9	8.1	27	SW	9	80	86	60	58	3	5	5	0	0	1	14	69	5.5
ROCKFORD WB AIRPORT	18	6	9.9	30++	27	9	82	86	56	59	5	2	4	0	1	2	14	-	5.8
SPRINGFIELD WB AIRPORT	18	7	10.3	48	W	21	72	76	52	51	5	2	3	2	0	0	12	74	5.1

± TO 8 COMPASS POINTS ONLY

## EVAPORATION AND WIND

Station	Day Of Month																															Total or Avg.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																
HENNEPIN POWER PLANT	EVAP	.26	.25	.04	.28	.17	.10	.19	.35	.50	.37	.34	.18	.30	.02	.09	.29	.27	.20	.42	-	.24	.29	.39	.34	.34	.39	.33	.39	.42	.38	8.418
	WIND	30	34	53	26	29	38	16	39	118	95	53	42	31	20	46	55	46	55	72	56	31	28	67	65	28	28	16	13	21	30	
	MAX MIN	86 50	77 59	84 53	90 59	84 60	81 60	91 66	95 69	93 70	89 62	88 58	88 69	92 71	95 71	96 58	86 55	87 59	93 60	93 75	91 68	97 76	90 76	91 71	96 62	92 67	99 70	102 72	101 75	100 73		
EAST 05																																
URBANA	EVAP	.36	.21	.13	.34	-	.04	.02	.26	.37	.45	.38	.27	.29	.12	.39	.28	.26	.16	.26	-	-	-	.33	.38	.28	.28	.30	.32	.42	.37	8.398
	WIND	50	37	32	66	40	44	29	31	80	117	58	56	59	29	52	77	49	55	73	93	55	30	44	66	36	20	20	19	29	31	
	MAX MIN	82 59	82 52	77 51	81 51	77 61	83 57	88 58	93 66	92 63	93 65	88 54	88 53	91 66	91 67	91 69	82 54	84 54	80 59	91 68	97 61	90 66	91 69	98 73	93 64	98 64	95 65	99 68	98 71	98 71	98 69	
WEST SOUTHWEST 06																																
SPRINGFIELD WB AIRPORT	EVAP	.38	.31	.34	.29	.04	.03	.21	.37	.43	.33	.35	.30	.17	.14	.30	.27	.32	.33	.40	.30	.39	.36	.38	.49	.20	.35	.37	.41	.43	.31	9.39
	WIND	104	86	76	72	75	66	43	88	163	106	101	97	66	49	140	84	93	130	135	138	83	65	136	102	13	0	0	49	68		
	MAX MIN	83 55	78 55	82 52	76 55	75 59	83 61	87 67	92 70	86 68	88 64	89 56	87 70	88 68	85 70	85 69	82 56	85 56	92 62	97 71	92 74	94 70	97 72	94 73	97 71	92 64	96 64	97 65	97 69	97 69	95 70	
SOUTHWEST 08																																
CARLYLE RESERVOIR	EVAP	.23	.22	.31	.28	.18	.03	.34	.23	.42	.37	.36	.25	.22	.08	.29	.23	.27	-	.28	.30	.36	.29	.41	.30	.29	.26	.30	.31	.32	.38	8.398
	WIND	46	35	59	51	23	35	39	36	140	141	57	46	52	20	79	90	51	94	124	116	96	61	78	66	46	15	26	32	39	56	
	MAX MIN	82 58	80 58	81 52	84 51	79 60	87 59	89 64	90 67	90 68	95 61	91 61	92 69	86 69	85 70	86 52	89 60	89 67	80 67	90 72	94 75	94 72	96 71	96 64	96 64	95 65	93 69	90 69	95 70	94 71	95 71	

See reference notes following Station Index.



# DAILY PRECIPITATION

ILLINOIS  
DELAYED DATA

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARCH 1963																																	
CLINTON 1 55#	7.23				2.75	.32	.01		.01	.16		.11					.34		1.00							.57	.60			.32	1.04		
MAY 1963																																	
RANTOUL CHANUTE AF BS	.27				.01							.01			T	T	.04	T	.10		T						.11	T					
JUNE 1963																																	
RANTOUL CHANUTE AF BS	2.68				.06	.88		.74	.01		.48	T	.39							.12													
JULY 1963																																	
RANTOUL CHANUTE AF BS	4.80	.45			T	1.48	T						1.15		T		T	.91								.04	.01	T		.76			
AUGUST 1963																																	
RANTOUL CHANUTE AF BS	2.31			T		T	.27		.01	T			.13		T		T	1.08						.03				.79					
SEPTEMBER 1963																																	
RANTOUL CHANUTE AFB	.20		.05									.04	T								T								.11				
JANUARY 1964																																	
EAST ST LOUIS PK5 COL	1.56									T	.06		.70	T						.06				.35					.32		.39		
MASON CITY	1.06									.04			T						.30												.40		
FEBRUARY 1964																																	
EAST ST LOUIS PK5 COL	2.54						.40	T	T	.08	.15	T	.75	T		.43	.15		T	.36	.16	T						.06					
WINOSOR																																	
MARCH 1964																																	
BROOKPORT DAM 52				.31	1.88	5.28			.85	3.35	3.65	.05		.04	T					.45													
CARLYLE	4.77				.06	.43	T		.50	1.26	1.26									.76													
CHICAGO WB CITY	4.13	.05	T		.62	.22	T		.52	T	T	.01	T		.02		.02			.72	T				.69	.87	.02	T	.05	.32	T		
EAST ST LOUIS PK5 COL	3.30	T			.27	.16	.05	.02	.63	1.06	.09	T			.08					.20	.29	.05				.16	.20		.04				
GOLCONGA DAM 51	15.09			.17	1.16	4.00			.85	3.50	3.20				.12	.13				.67						.06	1.23						
KANKAKEE 3 SW	1.96	.03		T	T	.07	T		.03	.23	.03	T	.20		.07	T		T		.02	.36				T	.18	.43	.01	.23	.04	.03		
NEW SALEM STATE PARK																				.40	.55					.72	1.06	.49	.01				
APRIL 1964																																	
MASON CITY	8.02			.58			1.12	.34						.05			.02	.74	1.85	1.55	.20			.42		1.06		.09					



# DAILY TEMPERATURES

ILLINOIS  
DELAYED DATA

Station	Day Of Month																															Average			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
MAY 1963																																			
RANTOUL CHANUTE AF BS	MAX																																		
	MIN																																		
JUNE 1963																																			
RANTOUL CHANUTE AF BS	MAX																																		
	MIN																																		
JULY 1963																																			
RANTOUL CHANUTE AF BS	MAX																																		
	MIN																																		
AUGUST 1963																																			
RANTOUL CHANUTE AF BS	MAX																																		
	MIN																																		
SEPTEMBER 1963																																			
RANTOUL CHANUTE AFB	MAX	77	80	77	74	76	76	83	83	86	85	85	78	67	75	79	85	86	88	88	77	74	71	71	75	79	81	83	84	64	74		78.7		
	MIN	48	59	63	57	55	46	57	60	58	62	63	54	46	39	53	57	57	63	66	54	46	47	41	41	44	39	47	51	44	44		52.0		
JANUARY 1964																																			
EAST ST LOUIS PKS COL	MAX	40	60	53	52	54	43	50	46	39	35	35	30	35	34	39	33	41	45	63	53	67	65	65	61	46	49	45	31	51	51	41	46.8		
	MIN	10	27	37	31	32	21	27	29	23	19	25	20	13	2	11	24	20	25	38	36	41	52	45	34	27	29	18	14	24	29	33	26.3		
MASON CITY	MAX	32	53	47	48	46	36	47	35	35	28	23	24	24	24	24	25	32	32	46	51	57	58	50	53	45	33	30	23	41	47	41	38.4		
	MIN	-1	22	34	24	18	32	22	27	17	6	10	17	11	-4	8	11	22	18	19	32	31	38	35	45	14	19	13	3	15	19	35	19.7		
FEBRUARY 1964																																			
EAST ST LOUIS PKS COL	MAX	53	54	50	51	52	54	48	38	44		33	36	39	47		38	43	49		34	31	37	34	45	60	49	49	46	52		44.6			
	MIN	36	28	30	23	24	29	27	29	29	28	14	29	29	23	29	30	32	30	31	25	17	15	16	17	28	20	21	29	32		25.9			
WINDSOR	MAX																																		
	MIN																																		
MARCH 1964																																			
BROOKPORT OAM 52	MAX	61	59	58	67	62	62	64	70	69	48	55	54	70	70	62	63	64	58	58	60	52	50	61	67	67	51	51	52	49	41	62	59.3		
	MIN	40	49	45	46	37	30	50	49	40	31	29	33	40	54	33	36	42	31	35	34	34	35	38	48	51	24	30	43	32	20	34	37.8		
CARLYLE	MAX	65	63	60	57	60	62	54	43	37	37	44	50	50	57	62	70	53	48	43	54	46	47	60	72	65	37	45	44	44	41	55	52.4		
	MIN	37	27	26	36	30	23	36	34	29	30	24	32	33	29	30	38	36	22	33	36	32	30	34	48	36	14	21	33	20	34	30.8			
CHICAGO WB CITY	MAX	49	54	50	55	36	56	51	39	36	36	42	44	59	59	53	63	35	30	40	36	37	36	55	53	37	28	39	37	27	32	34	43.2		
	MIN	35	40	40	34	27	29	33	33	32	30	30	32	33	39	35	34	18	17	28	29	32	32	33	35	27	19	20	21	20	17	30	29.5		
EAST ST LOUIS PKS COL	MAX	65	64	64	56	47	65	57	59	45	41	41	50	71	60	63	73	62	50	40	49	46	49	62	74	59	35	44	45	43	41	60	54.2		
	MIN	37	40	45	45	31	30	35	39	32	29	24	32	35	37	35	42	35	24	33	36	33	32	33	44	24	20	23	27	25	19	33	32.5		
KANKAKEE 3 SW	MAX	49	53	53	55	52	56	54	45	45	40	40	45	59	57	55	66	52	38	46	43	39	44	56	55	47	36	42	41	32	33	37	47.3		
	MIN	34	30	41	43	27	25	30	34	32	29	25	27	30	45	27	31	27	11	21	29	30	22	27	41	35	19	18	32	19	15	28	28.5		
APRIL 1964																																			
MASON CITY	MAX	52	69	66	52	56	71	69	49	57	65	72	71	69	65	67	85	83	76	54	76	72	70	66	65	69	75	74	72	55	54		66.5		
	MIN	26	43	38	27	35	42	42	31	30	39	39	46	49	42	35	52	60	44	42	48	52	46	51	42	41	56	54	50	47	44		43.1		

## SNOWFALL AND SNOW ON GROUND

Station	Day of month																																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
FEBRUARY 1964																																			
WINDSOR	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GNO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARCH 1964																																			
KANKAKEE 3 SW	SNOWFALL	T																																	
	SN ON GNO	T																																	

See Reference Notes Following Station Index

# STATION INDEX

ILLINOIS  
1964

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL										TEMP.	PRECIP.	EVAP.	SPECIAL		
ALBION	0059	09	EDWARDS	4	38 23	88 03	530	6R	6R			H	BESSIE ELLEN	4923	02	LA SALLE	1	41 19	89 06	520	7A					ILL DIV OF WATERWAYS
ALEDO	0492	06	CASS	1	41 12	90 28	720	6P	6P				THOMAS E. PHELPS	5074	07	LAMARANCE	1	38 43	87 46	460	6P					CHRYLOR ROGERS
ALEXIS WATERWORKS	0082	03	WARREN	4	41 03	90 34	634	6P	6P				MUNICIPAL WATERWORKS	5074	04	LOGAN	1	40 09	89 22	591	7A					LEONARD E. JUHL
ALTON DAM 26	0137	06	HAMILTON	3	38 53	90 11	432	MID	7A				U S CORPS OF ENGINEERS	5136	02	WILL	1	43 34	88 05	585	7P					CHICAGO SANITARY DIST
ANDREW	0109	09	UNION	1	41 29	89 14	645	6P	6P				J. B. BRADLEY	5136	01	LINCOLN	1	41 29	89 14	645	6P					JOHN D. BLY
ANTIOCH	0203	02	LAKE	1	42 29	88 06	800	7P	7P				ROY L. KUFALK	5272	04	TAZEWELL	1	40 32	87 22	670	6P					CARLIE H. KULL
AUGUSTA 2	0330	03	HANCOCK	1	40 14	90 59	880	6P	6P				WALTER M. ROWLAND, SR.	5280	03	HONDOHUGH	1	40 28	90 40	702	6P					W. S. NEWELL
AVON 5	0384	03	LANE	1	41 08	88 74	744	7P	7P				AUBURN COLLEGE	5294	06	JACKSON	1	41 08	88 74	744	7P					MARCEY C. BARTLINE
AVON 5 NE	0384	03	FULTON	1	41 04	90 22	850	7A	7A				JAMES R. MITCHELL	5326	02	MCHENRY	1	42 15	88 36	826	6P					HAROLD WIDE
BARRINGTON 1 NW	0442	02	LAKE	1	42 10	88 09	610	3P	3P				CHICAGO AERIAL INC 23	5334	03	FULTON	1	40 30	90 24	546	6P					JOSEPH ACE MCCANCE
BARRY	0445	06	PIKE	4	39 41	91 03	640	7A	7A				GEORGE E. GRIOR	5342	08	WILLIAMSON	4	37 44	88 57	488	5P					OREL W. TURNER
BEARDSTOWN	0492	06	CASS	1	41 12	90 28	720	6P	6P				MARION 2 W	5364	04	MACON	1	40 02	88 58	720	6P					LLOYD J. SIMPSON
BELLEVILLE SCOTT AFB	0510	08	ST CLAIR	1	38 32	89 51	447	MID	MID				U S AIR FORCE	5362	02	LA SALLE	1	41 20	88 45	488	7A					U S CORPS OF ENGINEERS
BELVIDERE SEWAGE PLANT	0583	02	BOONE	6	42 16	88 52	753	6P	6P				CITY OF BELVIDERE	5380	07	CLARK	1	39 23	87 41	570	5P					ERNEST THOMAS PINE
BENTLEY	0588	03	RENDECK	4	40 20	91 07	670	6P	6P				ANDREW CITY	5413	04	MACON	1	40 32	89 37	525	6P					VICTOR S. RICKARD
BENTON FOREST SERVICE	0608	09	FRANKLIN	1	38 02	88 55	445	8A	8A				MAX R. CRAIN	5430	07	COLES	1	39 28	88 21	718	MID					GENE FRANCIS
EFFINGHAM	0687	07	EFFINGHAM	7	39 07	88 33	595	7P	7A				CLIFFORD R. MANUEL	5493	02	MCHENRY	1	42 17	88 14	742	6P					EDWARD LEWIS KOCHMOU
BLOOMINGTON WATERWORKS	0761	04	MCLEAN	1	40 30	89 03	775	7A	7A				BLOOMINGTON WATERWORKS	5519	09	HAMILTON	1	38 05	88 32	458	6P					M. F. DODGE
BLOOMINGHAM NORMAL	0766	04	MCLEAN	1	40 30	89 00	810	4P	4P				ILL STATE NORMAL UNI	5539	06	MACPACIN	1	39 10	90 08	620	5P					EDWARD LEWIS KOCHMOU
BLUFFS	0781	06	SCOTT	1	39 45	90 32	517	6P	6P				VERNON A. NORTRUP	5712	04	WOODFORD	1	40 54	89 02	750	7P					HOMER C. PARKS
BROOKPORT DAM 52	0993	03	MASSAC	5	37 08	88 39	330	6P	6A				U S CORPS OF ENGINEERS	5751	01	ROCK ISLAND	1	41 27	90 31	582	MID					U S WEATHER BUREAU
CALHOE W CITY	1168	08	ALDERMAN	4	37 00	88 10	314	MID	MID				MONTECELLO	5768	03	HARRIS	1	40 55	90 38	770	6P					PROF. LYLE FINLEY
CANTON	1250	03	FULTON	1	40 34	90 02	655	6P	6P				FLOYD D. HAMMOND	5791	05	PIATT	1	40 02	88 38	625	5P					LEE F. GIBSON
CARBONADE SEWAGE PL	1265	08	JACKSON	6	37 44	89 12	380	6P	7A				MORRIS	5820	02	GRUNDY	1	41 21	88 26	520	7A					RAY WEBB
CARLISLEVILLE	1290	08	MACPACIN	1	39 17	87 52	625	6P	6P				MORRIS 5 N	5820	02	GRUNDY	1	41 21	88 26	520	7A					PHILLIP C. COLLINS
CARLISLE RESERVOIR	1290	08	CLINTON	1	38 38	88 20	501	6A	8A				U S CORPS OF ENGINEERS	5831	01	WHITESIDE	1	41 49	89 58	603	5P					CITY OF MOPPIDON
CARLI 6 NW	1296	09	WHITE	7	38 10	89 12	390	6P	6P				HUBERT BOHLBEER	5831	06	CHRISTIAN	1	39 25	89 28	638	6P					MRS DOROTHY A BULLARD
CASCADE 2 NE	1383	07	FRANKLIN	1	38 33	89 23	494	6P	6P				CITY OF CENTRALIA	5831	03	CHRISTIAN	1	39 23	89 24	638	6P					JOHN BEATTY
CHANDLERVILLE	1412	06	CASS	1	40 03	90 09	475	7A	7A				U S INACTIVE 4/25/63	5893	09	WABASH	7	38 24	87 46	390	6A					NT CARMEL SEVER OPEI
CHANNANON DRESDEN ISL	1420	02	GRUNDY	1	41 24	88 17	509	7A	7A				U S CORPS OF ENGINEERS	5901	01	CARROLL	1	42 05	89 58	817	7P	6A				JAMES F. HCCAY
CHARLESTON	1436	07	COLES	1	37 39	88 11	710	6P	7A				EASTERN ILL. UNIV.	5917	06	MACPACIN	1	40 39	89 42	685	7A					HAROLD HARBURGER
CHENOA	1475	06	MCLEAN	1	40 44	88 44	710	5P	5P				C. MERLE PARRY	5927	04	LOGAN	1	40 01	89 17	645	5P					ALVA BROWN
CHICAGO	1491	08	RANDOLPH	1	39 09	88 49	655	6P	6P				ROBERT W. GARRETS	5930	03	BROWN	1	40 02	88 38	625	5P					WALTER W. BEAKER
CHICAGO CALUMET TR WKS	1522	02	COOK	3	41 40	87 36	593	6P	6P				CHICAGO SANITARY DIST	5943	09	JEFFERSON	6	38 19	88 55	500	6P					HOWARD HEANEY
CHICAGO LAKEVIEW PMP STA	1522	02	COOK	3	41 58	87 40	593	6P	6P				CITY ENGR WATER PURIF	5950	07	SHELBY	1	39 38	89 02	615	6P					HALDON BOHLEN
CHICAGO LLOYD W UNIV	1522	02	COOK	3	41 07	87 45	592	6P	6P				CHICAGO SANITARY DIST	5950	07	SHELBY	1	39 38	89 02	615	6P					MURKINBOUR WATER CO
CHICAGO MAYER PMP STA	1542	02	COOK	3	41 58	87 45	647	6P	6P				CITY ENGR WATER PURIF	6011	08	WASHINGTON	2	38 23	89 24	460	6P					R. E. SCHLEIFER
CHICAGO N BR PMP STA	1547	02	COOK	3	41 58	87 45	647	6P	6P				CHICAGO SANITARY DIST	6068	08	NEWARK	1	41 41	89 05	460	6P					HAROLD F. DOTY
CHICAGO N HARE AIRPORT	1547	02	COOK	3	41 58	87 45	647	6P	6P				U S WEATHER BUREAU	6093	08	MERCER	1	39 33	89 11	548	8A					U S CORPS OF ENGINEERS
CHICAGO POSELAND PMPG	1552	02	COOK	3	41 42	87 38	659	6P	6P				CITY ENGR WATER PURIF	6093	08	JEFFERSON	5	37 35	88 46	560	5P					MAE MCCABE
CHICAGO RACINE RUMP	1557	02	COOK	3	41 49	87 41	640	6P	6P				CHICAGO SANITARY DIST	6154	04	MEMPHR	1	39 58	89 51	570	8A					OIV. OF PARKS & MEMOR.
CHICAGO SAN DIST OFF	1562	02	COOK	3	41 54	87 38	630	7P	7A				CHICAGO SANITARY DIST	6159	07	JASPER	7	39 00	88 10	513	6P					GEORGE H. PATNE
CHICAGO S FILTER PLANT	1562	02	COOK	3	41 54	87 38	630	7P	7A				CITY ENGR WATER PURIF	6159	07	JASPER	7	39 00	88 10	513	6P					U S CORPS OF ENGINEERS
CHICAGO SPRINGFIELD PMPG	1567	02	COOK	3	41 55	87 44	630	6P	6P				OREGON	6490	01	OGLE	6	42 00	89 20	690	6P					CARNATION COMPANY
CHICAGO UNIVERSITY	1572	02	COOK	3	41 47	87 36	594	MID	MID				U S WEATHER BUREAU	6526	02	LA SALLE	1	41 22	88 50	474	7P					JOHN A. BEED
CHICAGO WB AIRPORT	1572	02	COOK	3	41 47	87 36	594	MID	MID				U S WEATHER BUREAU	6526	02	LA SALLE	1	41 22	88 50	474	7P					W. H. GADGINS
CHICAGO WB CITY	1582	02	COOK	3	41 53	87 38	594	MID	MID				U S WEATHER BUREAU	6526	02	LA SALLE	1	41 22	88 50	474	7P					C. E. SCHUMACHER
CHILLICOTHE	1627	04	PEORIA	1	40 55	89 29	746	8A	8A				PARIS SEWAGE PLANT	6659	07	EDGAR	7	39 37	87 41	750	7P					CITY OF PARIS
CLINTON 2 W	1646	09	WAYNE	1	38 31	88 58	450	6P	6P				PARIS WATERWORKS	6616	02	COOK	1	39 38	87 42	739	7P					CITY OF PARIS
CLINTON 1 SW	1743	04	DE WITT	1	40 08	88 58	746	5P	5P				PARIS FOREST	6616	02	COOK	1	41 30	87 41	710	MID					PARK FOREST WATER CO
COBDEN 2 S	1775	08	UNION	4	37 30	89 15	540	6P	6P				R. G. ANDERSON	6661	01	LEE	1	41 41	88 59	928	7A					W. A. WOODS
COULTEVILLE 1 SSW	1946	08	RANDOLPH	1	38 11	89 36	510	1P	1P				PAYSON	6670	03	ADAMS	4	39 49	91 15	7						

Additional information regarding the climate of Illinois may be obtained by writing to the State Climatologist, P. O. Box 143, Station "A", Champaign, Illinois 61824, or to any Weather Bureau Office near you.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree days are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are tens of degrees.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a. m., C. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

**SNOWFALL:** Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1931-1960.

**DIVISIONS,** as used in this publication, became effective with data for January 1957.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

**DELAYED DATA AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ↔ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- Amount included in following measurement, time distribution unknown.
- W Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- AR This entry in time of observation column in Station index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of stations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

C O R R E C T I O N S

January 1963	Climatological Data Table	Chicago WB AP	Total snowfall 21.1.
January 1963	Snowfall and Snow on Ground Table	Chicago WB AP	Snowfall 2d 0.1.
January 1963	Climatological Data Table	Division 02	Average snowfall 11.7.
January 1963	Temperature and Precipitation Extremes Table	Marseilles Lock	Greatest reported depth of snow on ground 15 on 31*.
January 1963	Climatological Data Table	Mount Carroll	Maximum depth of snow on ground 8 on 31*.
January 1963	Climatological Data Table	Tuscola	Maximum depth of snow on ground missing.
January 1963	Snowfall and Snow on Ground Table	Tuscola	Snow on ground missing entire month.
February 1963	Climatological Data Table	Cairo WB City	Average minimum temperature 23.2 average temperature 32.9 departure from normal -7.8.
February 1963	Daily Temperature Table	Cairo WB City	Minimum temperature 20th 17 average minimum temperature 41.4
February 1963	Climatological Data Table	Joliet	Maximum depth of snow on ground missing.
February 1963	Climatological Data Table	Moline WB AP	Total snowfall 5.8.
February 1963	Climatological Data Table	Division 01	Average snowfall 6.9.
February 1963	Snowfall and Snow on Ground Table	Moline WB AP	Snowfall 0.4 on 25th, total snowfall 5.8.
February 1963	Climatological Data Table	Princeville 1 N	Maximum depth of snow on ground missing.
March 1964	Daily Temperature Table	Walnut	Maximum and minimum on 28th missing, 29th maximum 15, minimum 15, 30th maximum 34, minimum 11 31st maximum 40, minimum 25.



91° 90° 89° 88°

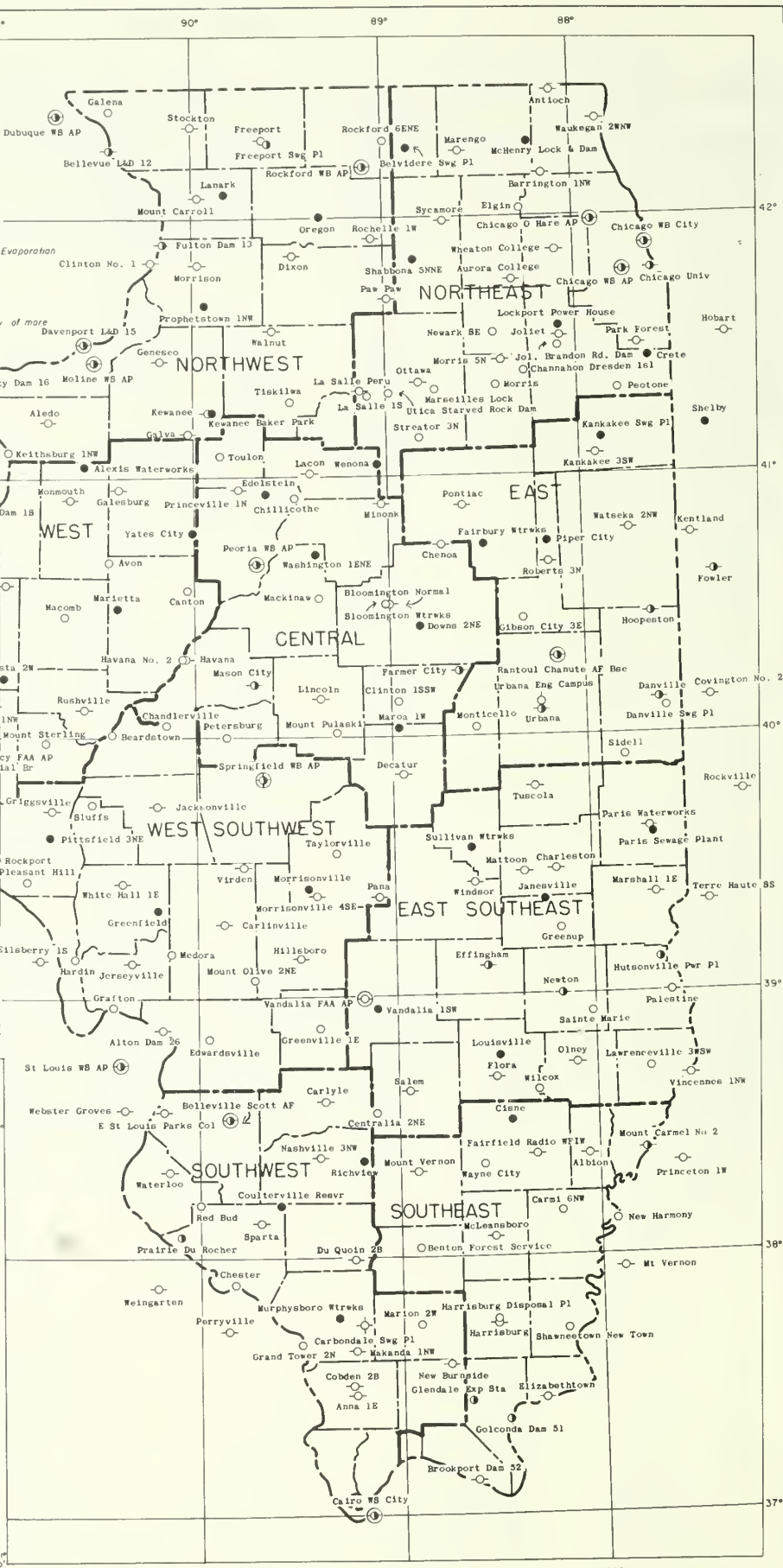
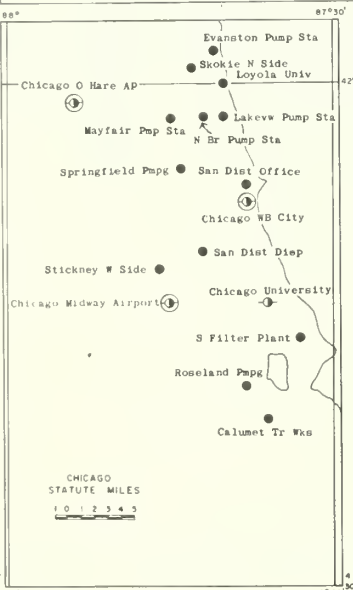
STATION LEGEND

- ● ● Precipitation only
  - ● ● Precipitation, storage
  - ● ● → Precipitation and Temperature
  - ● ● → Precipitation, Temperature and Evaporation
  - Type of gage ○ Non-recording,
  - Recording ● Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°  
New Boston Dam 17

# ILLINOIS

STATUTE MILES  
0 10 20 30 40  
90 TH MERIDIAN TIME ZONE





U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

ROBERT M. WHITE, Chief



# CLIMATOLOGICAL DATA

ILLINOIS

JULY 1964

Volume 69 No. 7





# CLIMATOLOGICAL DATA

ILLINOIS  
JULY 1964

Continued

Station	Temperature										Precipitation																		
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days								
										Max.	Min.	10° or Above	31° or Above					31° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
WEST SOUTHWEST 06																													
ALTON DAM 26	89.6	70.1	79.9		97	24	55	13	0	17	0	0	0	2.53		1.65	12					3	2	1					
CARLINVILLE	91.1	64.5	77.8	- .2	99	27	50	13	0	20	0	0	0	1.04	- 2.00	.41	18					3	0	0					
GRIGGSVILLE	88.5	67.3	77.9	+.6	95	24	52	13	0	15	0	0	0	2.86		1.12	22					5	2	1					
HILLSBORO	89.3	66.0	77.7		100	27	52	13	0	18	0	0	0	.83	- 2.57	.75	12					1	1	0					
JACKSONVILLE	87.7	65.1	76.4	- 1.0	94	24	51	13	0	15	0	0	0	1.64	- 1.45	.82	21					3	2	0					
JERSEYVILLE																													
MORRISONVILLE 4 SE	88.9	64.7	76.6	- .3	98	27	49	13	2	16	0	0	0	1.41		.49	12					6	0	0					
PANA	86.3	66.9	76.3	- 1.6	94	24	51	13	1	10	0	0	0	3.48	+.62	1.90	6					4	2	1					
SPRINGFIELD WB AIRPORT R	88.8	66.9	77.9	+.1	97	24	51	13	0	16	0	0	0	1.32	- 2.17	.60	8					4	1	0					
VIRDEN 1 SW	90.5	64.2	77.4		97	27	48	13	1	20	0	0	0	.65		.30	12					2	0	0					
WHITE HALL 1 E																													
	88.8	66.3	77.6	- .5	95	24	53	13	0	17	0	0	0	.89	- 2.36	.34	12					5	0	0					
DIVISION																													
			77.6	- .3										1.67	- 1.59														
EAST SOUTHEAST 07																													
CHARLESTON	88.2	65.7	77.0		95	27	50	13	1	14	0	0	0	2.55	- .84	1.04	12					3	2	1					
EFFINGHAM	90.1	66.6	78.4	- 1.3	99	24	52	13	0	19	0	0	0	2.15	- 1.47	.67	25					5	2	0					
FLORA 2 NW	87.9	64.1	76.0	- 2.3	95	24	52	13	0	14	0	0	0	2.50		.95	6					4	2	0					
MARSHALL 1 E	87.5	62.7	75.1		94	28	49	5	1	12	0	0	0	3.63		1.25	12					8	3	1					
MATTOON	86.9	65.0	76.0		94	27	50	5	1	12	0	0	0	2.01		.57	18					5	1	0					
MCWEAQUA																													
NEWTON	88.3	63.4	75.9		96	24	46	5	2	15	0	0	0	2.11		.71	28					6	2	0					
OLNEY 2 S	88.8	65.7	77.3		95	24	52	13	0	17	0	0	0	3.25		1.20	18					5	2	2					
PALESTINE	88.6	63.0	75.8	- 2.4	97	24	52	5	0	16	0	0	0	3.04		1.06	29					5	3	1					
PARIS	89.8	65.0	77.4	- .8	99	23	53	5	0	17	0	0	0	3.65		1.95	25					8	1	1					
PARIS WATERWORKS	87.2	65.4	76.3	- .8	95	24	51	5	1	11	0	0	0	3.47	- .15	.68	8					7	4	0					
SALEM																													
TUSCOLA	88.6	65.7	77.2		95	7	53	13	0	17	0	0	0	3.13	- .44	.84	9					5	3	0					
VANDALIA FAA AIRPORT	89.9	64.5	76.5		10	48	5		0	15	0	0	0	3.19	.13	1.46	19					4	3	1					
WINDSOR	87.8	63.0	76.3	- .6	96	27	49	5	2	12	0	0	0	1.37		.55	12					4	2	0					
DIVISION																													
			76.6	- .9										2.74	- .71														
SOUTHWEST 08																													
ANNA 1 E	90.0M	66.4M	78.2M	- .4	97	25	54	13	0	21	0	0	0	1.88	- 1.34	.85	11					4	1	0					
BELLEVILLE SCOTT AFB	88.3	67.1	77.7		96	27	55	30	0	14	0	0	0	2.04		1.45	11					3	1	1					
CAIRO WB CITY	90.2	71.8	81.0	+.1	98	7	59	13	0	23	0	0	0	2.87	- .32	.66	10					6	3	0					
CARBONDALE SEWAGE PL	90.2	66.2	78.2	- .7	97	25	53	13	0	20	0	0	0	3.76	.53	1.38	7					6	3	2					
CARLYLE RESERVOIR	88.2	65.9	77.1		97	26	52	13	1	16	0	0	0	.59		.34	12					1	0	0					
COBDEN 2 S																													
OU GUCIN 2 S	89.8	65.5	77.7		95	29	52	13	0	20	0	0	0	1.65		.74	6					5	1	0					
EAST ST LOUIS PK5 COL	90.5	66.9	78.7	- .3	98	7	54	13	0	19	0	0	0	2.82		1.13	12					4	3	1					
MAKANDA 1 NW	89.7M	69.5M	79.6M		94	26	53	13	0	0	0	0	0	2.61		1.87	11					3	1	1					
NASHVILLE 3 NW	89.5M	66.9M	78.2M		95	25	53	13	0	19	0	0	0	2.16		1.53	21					3	1	1					
NEW BURNSIDE	89.8	65.8	77.8		98	7	53	13	0	18	0	0	0	2.24	- .80	1.76	12					3	1	1					
NEW BURNSIDE																													
SPARTA	89.3	65.5	77.4	- .7	95	31	54	13	0	19	0	0	0	3.13	- .22	1.57	6					7	1	0					
WATERLOO 1 SW	90.9	67.1	79.0	- .6	98	25	52	13	0	22	0	0	0	1.14	- 2.15	.85	12					3	1	0					
DIVISION																													
			78.4	- .6										2.23	- 1.12														
SOUTHEAST 09																													
ALBION	89.8	67.1	78.5		97	27	56	13	0	19	0	0	0	2.15		.76	28					6	1	0					
BROCKPORT DAM 52	89.3	66.2	77.8		96	25	55	13	0	18	0	0	0	4.44	.79	1.15	7					8	2	1					
ELIZABETHTOWN	88.8	64.3	76.6		95	25	53	13	0	17	0	0	0	5.34		1.81	18					4	4	3					
FAIRFIELD RADIO WFIW	88.9	64.7	76.8	- 1.9	95	27	53	13	0	16	0	0	0	2.13		.64	17					4	2	0					
HARRISBURG	92.1	66.1	79.1	- .4	98	25	54	16	0	23	0	0	0	2.72	- .57	1.02	19					6	2	1					
MCLEANSBORO																													
MOUNT CARMEL	90.3	65.8	78.1	- 1.0	98	7	55	13	0	21	0	0	0	4.71	1.35	2.30	8					5	3	1					
MOUNT VERNON	89.2	64.5	76.9	- 1.0	95	28	56	6	0	14	0	0	0	2.39		.81	19					7	1	0					
DIVISION																													
			77.7	- 1.4										3.34	- .12														

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 27+ at 4 stations

Lowest Temperature: 44° on the 5th at Kankakee 3 SW

Greatest Total Precipitation: 7.52 inches at Antioch

Least Total Precipitation: 0.59 inch at Carlyle Reservoir

Greatest One-Day Precipitation: 4.57 inches on the 18th at Wheaton College

See Reference Notes Following Station Index





# DAILY PRECIPITATION

ILLINOIS  
JULY 1964

Continued

Station	Total	Day of Month																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
EDWARDSVILLE	2.12	.11	.23		.22	.04				.59		.86							.05				.02															
GRANTON	4.86	.55	.35	T	.30	.10			T	.06		1.60										1.65	.25															
GREENVILLE 1 E	1.30	.05										1.17																										
GRIGGSVILLE	2.86				.18					.88	.47								.18																			
HARDIN	2.09			.56	.16					.22	.47	.26	.53								.36		1.12										.05					
HILLSBORO	.83											.75																										
JACKSONVILLE	1.64	T	T		T	.16			.01			.06	.57							.02	.08		.82			T												
JERSEYVILLE	1.61	.24				.11				.26		.49								.02	.20		.11															
KEOSAUQUON	2.51			.15		.03			T	.80	.08	.11	.40							.13		.58																
MORRISONVILLE 4 SE	1.76				.02				T			.11	.47							.03						.05						.05	.03					
MOUNT OLIVE 1 E	2.10				.30	.09				.05	.08	.95								.63	T																	
PAKA	3.48		T		T	1.90	.05	T	.46			.52								.02						.70							.03					
PLEASANT HILL	2.20		T	T	.16	.05		T	.05		1.06	.32																										
ROCKPORT	2.45				.20				.10		1.05	.55																										
SPRINGFIELD WB AIRPORT R	1.52			T	.03	T			.60		.27	.14							T		T											.21		.07				
TAYLORVILLE	2.13				T	1.20			.11			.24								T													.41					
VIRIDEN 1 SW	.65	T	T		T			T	.01		.03	.30							.27			T		.17									.04					
VIRGINIA	2.83		.06					.29			.11	.52								.91		.68																
WHITE HALL 1 E	.89		.10		.12	T					.14	.34							.04			.15																
EAST SOUTHEAST 07																																						
CENTRALIA 2 NE	.77	.13		.04		.04			.03	.05		.32										.16																
CHARLESTON	2.55			T		.49	.06	T	.02			1.04																										
EFFINGHAM	2.15					.60	.35		.05			.19																										
FLOSA 2 NW	2.50		.02	.11	T	.95	T	.05	.02			.92								.08																		
GREENUP	3.94		.52			.22	.07		.05	.02		.95								.62																		
HUTSONVILLE POWER PL	2.74				.20	.13	.35	.20	T			.13	T							T	.06																	
LAWRENCEVILLE 3 WSW	2.88				.10	.40	.35		.05		.21	.06								.21	1.21																	
MARSHALL 1 E	3.63		.14			.79	.11	.02				1.25								.19																		
MATTOON	2.01		T		T	.46	.04	.08			.12	.41								.57			.23															
MOHEADU	2.11		T		.05	.52	.16	.10	.01		T	.28	T							.23		T																
NEWTON	3.25		.04		.29			T				.35								1.20	T		.28															
OLNEY 2 S	3.04					.40			.01		.72								.13	.73																		
PALESTINE	3.65		.27			.48	.17	T	.40			.10							T	.45	T																	
PARIS WATERWORKS	5.27		.55			.32	.61	.68				.46								.53																		
SAINTE MARIE	1.85		.06		.15	.24			.02												1.41																	
SALEM	3.13		.45		.01	.69		.01	.84	.02	.02	.70								.08	T	.03																
TUSCOLA	3.19					.38		.09				.55								1.46																		
VANDALIA FAA AIRPORT	1.37		.06		.04	.04		.01			.55	.55																										
WILCOX	1.63	.12		.27		.30	.10					.76																										
WINDSOR	2.45		T	T	1.13	T	.05				T	.35								.37	.08																	
SOUTHWEST 08																																						
ANNA 1 E	1.88		T	.35		.09		.31	T		.85									.28																		
BELLELEVILLE SCOTT AFB	2.04	T	T	.25		.07	.07		T		1.45	.18								.02	T																	
CAIRO WB CITY	2.87					.62					.66	.56	T							T	.32		.12	.07														
CARBONDALE SEWAGE PL	3.76	.58	.11			.02	1.38	.15	T			1.17	T							T																		
CARLYLE RESERVOIR	.59	.07		.09		.02		.05	T		.02	.34								T																		
CHESTER	1.78	.46		.13		.19		T			.91									T			.09															
COBDEN 2 S	1.65		.35	.13		.74		.06	T		.21	.08								.10																		
DU QUOIN 2 S	2.82			.04	.20	T		.02			.78	1.13																										
EAST ST LOUIS PKS COL	2.61	.07		.19		.07	.02	.02	1.87	.57																												
GRAND TOWER 2 N	2.73	.43		.43	T	.25		.02	T	.78	T																											
MAKANDA 1 NW	2.16		T		.12			T			.50	.09																										
MARION 2 W	3.07				.07			.04			.32																											
NASHVILLE 3 NW	2.24	.17	.03		.05	.08		.10			.37											.30		1.53	.04													
NEW BURNSIDE	1.65		.35	.13		.74		.06	T		.21	.08								.10																		
PRAIRIE DU ROCHER 1 WSW	2.02		.11		.08	1.57		T			.10	.29								.56	.28		.34	.02														
RED BUD	2.86			.33		.07	.02	.01	T		.25	.65																										
SPARTA	1.14		.07		.43	T		.01	T		.25	.65																										
WATERLOO 1 WSW	2.08	.02				.43	T	.01	T		.25	.65																										
SOUTHEAST 09																																						
ALBION	2.15					.26		.16	.07			.17																										
BENTON FOREST SERVICE	2.81					.49	.54	.23	.02			.91																										
BROOKPORT DAM 52	4.44	.20				1.15	.06	.06		.43	.50	.55	.01																									
CARMI 6 NW	1.57				.20	.04	.14				.07																											
ELIZABETHTOWN	5.34		T	1.62							.07	.50									1.81	1.20																
FAIRFIELD RADIO #F1W	2.13				.36		.01	.07				.40																										

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Season of 1963 - 1964

ILLINOIS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
NORTHWEST 01													
ALEDO					T	7.3 -	2.5 14	-	9.0 -	T			-
DIXON					1.0	9.4 21	1.1 3	6.5 8	19.6 13				37.6 45
FREERORT					.2	7.6 25	1.2 5	8.3 17	22.7 14	T			40.0 61
FREERORT SEWAGE PLANT					.2	10.3 22	1.5 20	7.0 17	20.5 19	1.0 2			40.5 80
FULTON DAM 13					3.0 1	7.2 21	.5 9	7.0 15	10.0 12				27.7 58
GALENA					.5 1	6.8 22	1.0 19	2.4 5	- 11				- 58
GALVA					.4	7.9 22	2.5 7	7.9 16	10.7 4				29.4 49
GENESE0					1.0	9.5 25	1.0 7	5.8 17	9.0 6				26.3 55
HENNERIN POWER PLANT					T	8.6 21	-	6.6 6	5.5 2				- -
ILLINOIS CITY DAM 16						5.2 4	2.0 7	4.5 6	13.0 12	T			24.7 29
KEITHSBURG 1 NW						8.0 20	3.0 8	4.0 9	- 3				- 40
KEWANEE					1.3 1	11.0 28	4.8 8	8.2 15	12.9 6				38.2 58
MOLINE WB AIRPORT					T	9.7 21	5.3 9	5.5 6	13.9 6	T			34.4 42
MORRISON					.7	8.7 23	1.3 4	6.2 12	16.8 8				33.7 47
MOUNT CARROLL					1.0 1	10.4 22	1.0 15	8.5 17	16.7 17	T			37.6 72
NEW BOSTON DAM 17					T	-	-	-	-	T			- 51
RAW RAW					T	7.6 21	1.6 19	7.1 16	12.2 10	T			28.5 66
ROCHELLE 1 W						-	T	8.8 -	3.0 -	-	-	-	- -
ROCKFORD 6 ENE						.4	2.8 -	.3 -	- -	-	-	-	- -
ROCKFORD WB AIRPORT					T	8.6 20	2.0 9	6.5 17	22.7 17	T 1			39.8 64
STOCKTON					T	10.2 28	2.5 9	5.5 5	17.3 17				35.5 59
TISKILWA					1.5	-	-	-	-	-	-	-	- -
WALNUT					.4	11.3 26	T 3	9.0 8	11.0 5	T			31.7 42
NORTHEAST 02													
ANTIOCH					T	6.5 21	1.0 2	7.0 16	13.0 9	T			27.5 48
AURORA COLLEGE					T	5.7 24	T 19	5.8 13	9.2 4	T			20.7 60
BARRINGTON 1 NW					T	-	-	-	-	-	-	-	- 35
CHANNAHON ORESOEN ISL						5.6 24	-	8.5 9	4.3 -				- -
CHICAGO O HARE AIRPORT					T	8.9 20	1.6 3	5.9 5	19.8 5	T 1			36.2 34
CHICAGO UNIVERSITY	-	-	-	-	-	-	-	-	-	-	-	-	- -
CHICAGO WB AIRPORT					T	7.9 15	2.5 2	6.4 8	18.4 5	T 1			35.2 31
CHICAGO WB CITY	-	-	-	-	-	-	-	-	-	-	-	-	- -
ELGIN					T	7.0 -	.5 -	4.6 -	12.6 -	T			24.7 -
JOLIET BRANDON ROAD OA					T	5.3 20	1.0 6	9.0 7	6.0 3				21.3 36
JOLIET					T	-	T	-	-				- -
LA SALLE 1 S					T	5.5 21	.2 4	4.7 8	4.0 2				14.4 35
MARENGO						8.0 -	1.5 -	4.0 -	21.5 -				35.0 -
MARSEILLES LOCK					T	8.5 23	2.0 2	10.0 3	.5 1				21.0 29

See reference notes following Station Index.

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

ILLINOIS

Continued

Season of 1963 - 1964

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
MORRIS						4.0	T	4.0	3.5				11.5
1 IN ON GD						20	3	9	4				36
MORRIS 5 N					T	-	.5	3.5	-	T			-
1 IN ON GD						22	1	17	2				42
NEWARK 8 E					T	-	-	-	-				-
1 IN ON GD						-	-	-	-				-
OTTAWA					T	7.8	1.0	5.5	5.5	T			19.8
1 IN ON GD						21	5	5	1				32
PARK FOREST						8.9	1.0	-	-				-
1 IN ON GD						17	3	9	2				31
PEDTONE					T	7.0	3.0	7.0	8.0				25.0
1 IN ON GD						22	9	8	3				42
PERU SEWAGE PLANT					T	6.7	.8	6.7	6.2	T			-
1 IN ON GD						20		7	2				-
STREATOR 3 N					T	-	1.5	-	-				-
1 IN ON GD						-	1	-	1				-
SYCAMORE					T	6.0	2.0	3.0	11.0	T			22.0
1 IN ON GD						21	1	3	8				33
UTICA STARVED ROCK DAM					T	-	-	6.5	-	-			-
1 IN ON GD						-	-	-	-				-
WAUKEGAN 2 WNW					T	9.8	2.0	8.3	12.2	.5			32.8
1 IN ON GD						21	2	10	5				38
WHEATON COLLEGE					T	8.8	T	3.8	7.2	T			19.8
1 IN ON GD						23	4	16	5				48
WEST 03													
AVON 5 NE					T	9.1	3.5	6.0	9.5				28.1
1 IN ON GD						24	10	15	6				55
BENTLEY						-	-	-	-				-
1 IN ON GD						-	-	-	-				-
CANTON					T	8.5	6.5	7.0	9.5	T			31.5
1 IN ON GD						22	7	8	5				42
GALESBURG					T	7.4	5.5	7.2	10.1				30.2
1 IN ON GD						18	8	7	4				37
GLADSTONE DAM 18						7.5	5.0	7.0	6.0	T			25.5
1 IN ON GD						21	9	9	4				43
GOLDEN 1 NW						8.0	5.0	7.9	17.5				38.4
1 IN ON GD						-	-	-	-				-
LA HARPE						7.6	3.5	8.5	5.5				25.1
1 IN ON GD						24	7	8	2				41
MACOMB					T	5.7	4.2	8.7	8.2	T			26.8
1 IN ON GD						24	8	18	2				52
MONMOUTH					T	9.3	5.0	9.0	12.0				35.3
1 IN ON GD						24	13	12	6				55
MOUNT STERLING					T	-	-	-	-	T			-
1 IN ON GD						-	-	-	2				-
PAYSON					T	5.5	5.0	8.0	9.0	T			27.5
1 IN ON GD						17	9	8	4				38
QUINCY						7.3	6.5	9.0	8.5				31.3
1 IN ON GD						15	8	5	3				31
QUINCY FAA AIRPORT					T	3.6	4.3	9.1	13.9	T			30.9
1 IN ON GD						18	8	7	3				36
QUINCY DAM 21						5.5	6.0	7.5	4.5	T			23.5
1 IN ON GD						18	8	6	5				37
QUINCY MEMORIAL BRIDGE					T	7.5	6.5	8.0	8.5	T			30.5
1 IN ON GD						16	8	8	2				34
RUSHVILLE						7.6	6.6	9.5	19.3				43.0
1 IN ON GD						-	-	-	-				-
CENTRAL D4													
BLOOMINGTON WATERWORKS					1.0	-	12.0	6.5	4.0				-
1 IN ON GD					1	21	10	16	2				50
BLOOMINGTON NORMAL					1.3	7.9	12.3	11.7	9.4	T			42.6
1 IN ON GD						15	6	8	-				-
CHENOA					T	6.0	6.0	11.0	-				-
1 IN ON GD						24	7	12	-				-
CHILLICOTHE					1.0	7.2	6.0	3.6	4.6				22.4
1 IN ON GD						5	2	9	5				21
CLINTON 1 SSW						5.6	7.5	13.3	6.1				32.5
1 IN ON GD						16	7	14	2				39
DECATUR					T	7.4	8.0	12.1	4.0				31.5
1 IN ON GD						17	7	6	2				32
FARMER CITY						4.5	8.0	11.5	10.0				34.0
1 IN ON GD						15	10	16	5				46
HAVANA					T	7.6	6.0	10.0	7.1	T			30.7
1 IN ON GD						2		2	4				8
HAVANA NO 2						4.5	6.0	11.0	12.0				33.5
1 IN ON GD						15	8	10	-				-

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

ILLINOIS

Continued

Season of 1963 - 1964

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
LACON 1 E	SNOWFALL 1 IN ON GO	-	-	-	-	-	-	-	-	-	-	-	-
LINCOLN	SNOWFALL 1 IN ON GO	-	-	-	-	.6 1	6.4 21	7.6 8	14.5 11	4.2 1	-	-	33.3 42
MACKINAW	SNOWFALL 1 IN ON GO	-	-	-	-	1.0	7.6 23	5.0 9	5.9 11	7.2 2	T	-	26.7 45
MASON CITY	SNOWFALL 1 IN ON GO	-	-	-	-	-	-	-	-	-	-	-	-
MINONK	SNOWFALL 1 IN ON GO	-	-	-	-	.5	6.5 24	3.9 9	8.5 12	1.8 1	T	-	21.2 46
MOUNT PULASKI	SNOWFALL 1 IN ON GO	-	-	-	-	T	4.5	8.0	19.5	7.0	T	-	39.0
NEW SALEM STATE PARK	SNOWFALL 1 IN ON GO	-	-	-	-	-	-	-	-	-	-	-	-
PEORIA W8 AIRPORT	SNOWFALL 1 IN ON GO	-	-	-	-	.4	6.1 22	4.8 9	6.2 8	7.9 5	T	-	25.4 44
PETERSBURG	SNOWFALL 1 IN ON GO	-	-	-	-	-	-	-	-	-	-	-	-
PRINCEVILLE 1 N	SNOWFALL 1 IN ON GO	-	-	-	-	T	6.5	7.0	3.5	5.0	-	-	22.0
TOULON	SNOWFALL 1 IN ON GO	-	-	-	-	.6	6.5 22	5.3 10	5.9 8	8.1 8	-	-	26.4 48
EAST 05													
OANVILLE	SNOWFALL 1 IN ON GO	-	-	-	-	T	7.0	6.5	14.0	9.0	-	-	36.5
OANVILLE SEWAGE PLANT	SNOWFALL 1 IN ON GO	-	-	-	-	T	-	5.8 3	-	-	-	-	-
GIBSON CITY 3 E	SNOWFALL 1 IN ON GO	-	-	-	-	.5	4.0 18	6.0 6	8.9 15	7.3 3	-	-	26.7 42
HOOPESTON	SNOWFALL 1 IN ON GO	-	-	-	-	T	3.7 21	4.7 9	9.4 15	9.6 3	T	-	27.4 48
KANKAKEE 3 SW	SNOWFALL 1 IN ON GO	-	-	-	-	T	5.8 20	1.3 7	8.2 16	8.1 4	T	-	23.4 47
MONTICELLO	SNOWFALL 1 IN ON GO	-	-	-	-	1.0	3.6 16	8.0 8	11.0 10	2.5 1	-	-	26.1 35
PONTIAC	SNOWFALL 1 IN ON GO	-	-	-	-	T	6.8	-	8.5 4	6.2 3	-	-	-
RANTOUL CHANUTE AF8	SNOWFALL 1 IN ON GO	-	-	-	-	T	4.4 19	7.2 -	11.4 12	-	-	-	-
ROBERTS 3 N	SNOWFALL 1 IN ON GO	-	-	-	-	T	4.3 18	8.5 8	7.4 10	3.7	-	-	23.9 36
SIOELL	SNOWFALL 1 IN ON GO	-	-	-	-	-	-	-	-	-	-	-	-
URBANA	SNOWFALL 1 IN ON GO	-	-	-	-	.4	8.9 19	7.9 7	16.0 11	10.8 4	.3	-	44.3 41
URBANA ENG CAMPUS	SNOWFALL 1 IN ON GO	-	-	-	-	-	-	-	-	-	-	-	-
WATSEKA 2 NW	SNOWFALL 1 IN ON GO	-	-	-	-	T	4.3 20	4.6 6	11.5 16	8.5 4	-	-	28.9 46
WEST SOUTHWEST 06													
ALTON OAM 26	SNOWFALL 1 IN ON GO	-	-	-	-	-	7.1 17	9.0 8	8.4 5	6.0 2	T	-	30.5 32
BARRY	SNOWFALL 1 IN ON GO	-	-	-	-	-	6.0 13	7.0 8	8.0 5	7.2 1	T	-	28.2 27
BEAROSTOWN	SNOWFALL 1 IN ON GO	-	-	-	-	T	5.0 14	9.0 11	11.0 5	8.5 4	T	-	33.5 34
BLUFFS	SNOWFALL 1 IN ON GO	-	-	-	-	T	4.5 22	8.0 6	9.0 9	6.0 2	-	-	27.5 39
CARLINVILLE	SNOWFALL 1 IN ON GO	-	-	-	-	T	7.5 15	9.5 8	10.5 3	5.0	-	-	32.5
EOWAROSVILLE	SNOWFALL 1 IN ON GO	-	-	-	-	T	4.3 14	6.9 8	4.0 2	4.7 2	-	-	19.9 26
GRAFTON	SNOWFALL 1 IN ON GO	-	-	-	-	-	4.8 15	10.0 8	-	-	-	-	30
GREENVILLE 1 E	SNOWFALL 1 IN ON GO	-	-	-	-	T	5.0 15	6.0 7	9.0 6	4.5 2	-	-	24.5 30
GRIGGSVILLE	SNOWFALL 1 IN ON GO	-	-	-	-	T	8.0 14	7.0 9	-	9.5 1	-	-	27
HAROIN	SNOWFALL 1 IN ON GO	-	-	-	-	-	5.0 16	8.0 7	-	-	-	-	-
HILLSBORO	SNOWFALL 1 IN ON GO	-	-	-	-	T	1.5	-	-	5.0 1	-	-	-
JACKSONVILLE	SNOWFALL 1 IN ON GO	-	-	-	-	T	3.3 15	12.0 8	11.0 12	T	-	-	26.3 35
JERSEYVILLE	SNOWFALL 1 IN ON GO	-	-	-	-	-	-	8.5 8	7.7 6	7.1 5	-	-	-

See reference notes following Station Index.



# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

ILLINOIS

Continued

Season of 1963 - 1964

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
MEDORA					T	6.0 17	12.0 9	11.0 4	7.0 2				36.0 32
MORRISONVILLE 4 SE						6.6 15	7.0 8	10.0 5	2.5				26.1 28
MOUNT OLIVE 1 E					-	5.2 16	5.0 -	9.7 6	5.0 1				- -
PANA					T	8.0 21	12.0 7	16.5 12	1.0	T			37.5 40
PLEASANT HILL					T	4.5 15	6.5 9	8.8 4	4.5 1				24.3 29
ROCKPORT					-	6.3 -	9.5 -	-	6.0 -				- -
SPRINGFIELD WB AIRPORT					T	5.2 16	10.8 8	13.6 14	6.3 3	T			35.9 41
TAYLORVILLE					T	6.0 18	9.0 7	11.0 12	4.0 2				30.0 39
VIRDEN 1 SSW					T	12.5 22	16.3 10	12.3 7	3.8 3				44.9 42
VIRGINIA					T	- 4	- -	11.1 7	9.0 4				- -
WHITE HALL 1 E					T	5.0 15	10.0 9	9.0 4	2.0 1	T			26.0 29
EAST SOUTHEAST 07													
CENTRALIA 2 NE						-	-	-	5.5 -				- -
CHARLESTON					T	6.7 22	6.9 -	14.0 -	7.4 -				35.0 -
EFFINGHAM					T	8.8 18	9.5 9	8.4 7	5.3 1				32.0 35
FLORA 2 NW					T	6.5 16	9.2 7	4.5 2	2.9 -				23.1 -
GREENUP					.5 -	-	7.5 -	6.3 -	6.0 -				- -
MUTSONVILLE POWER PL						8.5 22	6.0 10	7.3 2	3.0 1				24.8 35
LAWRENCEVILLE 3 WSW					T	10.2 22	8.0 9	1.1	.8	T			20.1 31
MARSHALL 1 E					T	6.3 -	8.1 4	14.4 3	5.5 1	T			34.3 -
MATTOON					1.0	4.6 24	7.5 8	10.0 6	4.0 2				27.1 40
MOWEAQUA					1.0	6.8 19	10.6 6	12.0 17	6.5 3	T			- -
NEWTON					T	7.1 16	8.5 8	4.0 1	3.0				22.6 25
OLNEY 2 S						7.6 22	8.2 8	4.6 3	2.0				22.4 33
PALESTINE					T	10.5 24	7.5 8	7.5 2	3.6				29.1 34
PARIS WATERWORKS					T	10.0 15	7.5 8	10.0 5	5.5 -				33.0 -
SAINTE MARIE						7.0 21	10.0 8	6.0 2	4.0 -				27.0 -
SALEM					T	4.0 16	7.0 7	3.0 2	3.0 1	T			17.0 26
TUSCOLA					T	8.5 18	7.0 -	15.0 14	9.0 4	T			39.5 -
VANDALIA FAA AIRPORT					T	5.2 19	8.0 8	6.6 5	5.2 2	T			25.0 34
WILCOX					-	-	-	-	-				- -
WINDSOR					.5	6.0 21	-	-	6.2 -				- -
SOUTHWEST 08													
ANNA 1 E					T	4.7 3	8.0 8	3.8 2	1.0				17.5 13
BELLEVILLE SCOTT AFB					T	4.3 15	9.2 10	8.5 3	5.8 1	T			27.8 29
CAIRO WB CITY					T	6.0 4	3.7 4	.2	T				9.9 8
CARBONDALE SEWAGE PL					T	4.4 4	4.5 6	2.3 1	T				11.2 11
CARLYLE						3.0 3	6.0 8	2.0 1	- 1				- -
CARLYLE RESERVOIR					T	2.0	8.0	6.0	6.0				22.0 -

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

ILLINOIS

Continued

Season of 1963 - 1964

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
CHESTER						6.1 3	7.0 6	3.0 1	3.0 1				19.1 11
COBDEN 2 S						5.0 5	8.0 -	2.5 1					15.5 -
DU QUOIN 2 S					T	- -	3.2 -	3.0 1	1.0				- -
EAST ST LOUIS PKS COL					T	7.2 17	- 9	- 5	- 2				- 33
GRAND TOWER 2 N						3.0 5	4.0 5	2.0 1	T				9.0 11
MAKANDA 1 NW					T	- -	6.0 9	1.9 1	T				- -
MARION 2 W					T	4.9 -	6.5 -	2.6 -	.3				14.3 -
NASHVILLE 3 NW					T	2.5 -	5.5 -	4.0 -	4.0 -	-	-	-	16.0 -
NEW BURNSIDE					T	5.5 6	8.3 10	2.7 2	.6				17.1 18
PRAIRIE DU ROCHER 1WSW					T	.6	7.4 7	4.4 3	5.7 2	T			18.1 12
RED BUD	-	-	-	-	-	-	-	-	-	-	-	-	-
SPARTA					T	3.5 8	8.0 8	10.0 4	4.0 1				25.5 21
WATERLOO 1 WSW					-	2.1 15	7.3 8	12.4 6	7.0 2				- -
SOUTHEAST 09													
ALBION					T	7.0 14	7.9 8	3.9	1.0				19.8 22
BENTON FOREST SERVICE						- -	5.0 7	3.5 4					- -
BROOKPORT DAM 52						6.5 4	2.8 6	2.0 1	T				11.3 11
CARMI 6 NW					T	7.2 4	6.9 7	2.9 1	T				17.0 12
ELIZABETHTOWN					T	5.5 4	5.5 6	1.0	T	T			12.0 10
FAIRFIELD RADIO WFIW					T	4.8 9	10.5 7	1.5 1	.5	T			17.3 17
GLENDALE EXP STATION	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLCONDA DAM 51						6.2 5	7.0 7	T	T				13.2 12
HARRISBURG					T	6.0 5	12.0 10	5.0 1	T	T			23.0 16
HARRISBURG DISPOSAL PL	-	-	-	-	-	-	-	-	-	-	-	-	-
MCLEANSBORO					T	5.5 -	6.0 -	3.0 1	.5				15.0 -
MOUNT CARMEL	-	-	-	-	-	6.8 -	6.0 -	.3 -	T -	T -	-	-	- -
MOUNT VERNON						4.6 14	6.2 7	1.7 4	2.3 1				14.5 26
SHAWNEETOWN NEW TOWN					T	6.0 4	11.0 8	1.1 1	T				18.1 13
WAYNE CITY					T	4.4 11	9.6 7	1.4 2	1.0 1				16.4 21

# DAILY TEMPERATURES

ILLINOIS  
JULY 1964

Station	Day of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHWEST 01																																	
ALECO	MAX 88	92	90	80	79	89	89	85	81	84	78	70	75	86	92	91	95	93	96	91	90	93	94	97	95	91	93	93	90	85	85	88.1	
	MIN 67	68	67	58	58	67	65	68	61	62	64	58	51	60	66	67	67	72	70	71	68	69	72	72	69	66	68	69	65	59	61	65.3	
DIXON	MAX 90	91	86	80	83	84	83	89	81	84	81	72	74	83	91	92	95	89	95	91	93	93	95	96	91	90	93	92	90	77	77	87.1	
	MIN 67	67	67	57	55	63	68	68	62	61	62	56	50	60	62	68	67	66	66	71	68	70	70	74	68	63	67	66	64	59	60	64.3	
FREEPORT	MAX 84	87	85	77	80	84	82	88	78	81	78	68	72	81	88	89	92	89	93	90	88	92	91	93	89	86	90	90	86	76	76	84.6	
	MIN 65	64	66	54	52	64	64	64	62	64	64	62	58	60	58	49	59	55	69	68	67	68	68	68	69	71	71	69	60	66	58	63.0	
FULTON OAM 13	MAX 85	89	80	78	79	83	86	87	80	83	78	70	76	84	89	89	91	86	94	89	91	94	95	95	86	89	91	91	86	73	78	85.3	
	MIN 68	69	68	60	57	65	68	68	63	64	64	59	56	62	65	72	68	72	69	70	74	70	72	72	71	64	67	69	69	60	61	66.4	
GALVA	MAX 85	90	89	82	80	83	84	83	80	83	80	70	74	84	89	90	92	93	93	90	90	92	94	96	86	88	92	91	87	88	80	86.4	
	MIN 65	67	69	55	55	64	67	65	62	63	65	58	50	59	62	66	65	71	68	70	72	67	71	70	65	64	65	68	66	58	61	64.3	
GENESECO	MAX 85	91	90	83	80	83	84	83	81	82	81	70	74	84	91	91	93	91	94	91	91	94	95	97	95	89	92	91	89	80	78	86.9	
	MIN 68	69	68	57	57	66	68	66	64	62	65	59	51	62	67	69	69	75	71	73	74	70	72	73	69	65	70	71	67	59	62	66.4	
HENNEPIN POWER PLANT	MAX 87	92	90	82	82	82	82	88	80	83	83	70	74	83	89	90	92	91	91	90	90	90	93	95	92	88	92	90	89	80	78	86.4	
	MIN 67	66	64	57	51	59	68	67	62	63	60	59	51	60	64	67	64	68	66	69	73	66	70	71	70	64	62	69	69	60	64	64.1	
KEWANEE	MAX 87	91	89	84	83	80	85	85	80	86	85	72	75	85	93	92	95	92	94	93	92	95	96	98	97	89	93	92	92	82	78	88.1	
	MIN 62	70	68	58	52	64	68	68	62	63	63	58	52	55	65	68	67	74	70	72	75	69	73	73	67	67	69	69	67	59	63	65.5	
MCLINE WB AIRPORT	MAX 88	92	85	80	82	89	85	84	80	84	76	71	74	84	92	91	94	86	95	89	91	93	95	97	86	89	93	94	81	77	82	86.4	
	MIN 70	67	66	60	57	68	70	66	63	65	65	55	53	63	67	71	69	76	72	72	76	70	73	74	68	65	70	71	64	59	64	66.7	
MORRISON	MAX 88	88	88	83	80	82	82	88	82	82	82	75	75	82	89	90	92	91	95	93	92	92	95	95	95	89	92	92	90	82	75	87.0	
	MIN 68	66	65	55	54	64	69	62	61	60	61	56	48	60	65	68	63	69	66	68	72	65	70	71	69	60	63	65	63	57	61	63.4	
MOUNT CARROLL	MAX 84	86	85	81	79	82	82	86	78	81	80	70	72	81	88	88	91	89	92	90	90	90	91	94	91	86	90	89	86	74	77	84.6	
	MIN 65	66	66	55	54	63	66	61	61	58	60	55	48	60	59	70	67	67	67	69	70	67	70	70	64	59	64	60	62	57	60	62.6	
PAW PAW	MAX 91	88	88	81	77	84	81	79	88	77	83	79	69	72	80	90	90	94	80	91	90	92	94	95	85	87	92	90	78	75	84.8		
	MIN 65	66	66	53	56	61	62	65	60	59	61	54	50	54	59	65	65	65	65	69	72	68	68	71	67	62	64	64	63	58	59	62.5	
ROCHELLE 1 W	MAX 92	87	89	81	77	83	83	80	86	78	82	79	69	73	80	89	90	92	82	91	89	90	92	93	94	84	87	90	91	78	74	84.7	
	MIN 65	65	62	52	50	63	66	64	61	58	60	51	47	56	58	65	63	68	64	70	70	66	69	70	68	60	65	65	62	57	59	61.9	
ROCKFORD WB AIRPORT	MAX 86	87	81	78	82	82	79	83	78	81	80	68	71	79	87	88	91	82	91	88	89	90	90	90	84	84	88	89	78	71	77	83.0	
	MIN 65	66	60	55	51	62	64	65	62	60	61	53	50	59	57	65	64	65	66	71	69	69	70	71	67	61	65	66	61	57	59	62.5	
STOCKTON	MAX 87	90	86	81	82	85	86	90	83	86	83	73	74	83	91	91	93	88	96	88	93	95	95	94	90	90	91	90	85	78	76	86.8	
	MIN 65	65	67	55	56	64	64	62	63	60	55	53	52	57	63	67	67	67	67	69	71	70	70	71	67	64	68	67	61	59	60	63.4	
TISKILWA	MAX 87	93	91	82	83	83	83	88	84	82	83	71	76	84	91	92	94	92	93	92	93	93	93	98	95	90	94	92	90	81	79	87.9	
	MIN 67	67	64	52	54	60	68	65	61	62	65	58	48	61	64	68	63	68	67	70	72	66	70	71	70	68	61	68	68	55	62	64.0	
WALNUT	MAX 85	91	87	81	81	81	80	87	81	83	81	74	74	82	89	89	90	89	92	89	91	92	93	94	90	89	91	90	88	78	76	85.7	
	MIN 67	67	67	53	56	60	67	64	61	60	63	56	49	60	65	68	67	66	68	71	73	67	72	72	68	64	67	67	64	58	62	64.2	
NORTHEAST 02																																	
ANTIOCH	MAX 85	88	86	87	81	70	78	82	79	85	79	70	70	79	87	91	92	84	93	89	90	94	91	93	87	88	90	90	86	72	78	84.3	
	MIN 67	68	53	53	54	62	64	64	60	57	60	53	50	56	59	67	68	68	66	73	69	72	67	70	69	60	65	65	60	56	58	62.4	
AURORA COLLEGE	MAX 86	89	83	80	84	75	77	82	78	84	82	70	73	79	89	90	91	85	89	88	90	91	98	92	87	88	89	90	88	75	79	84.5	
	MIN 68	68	63	56	52	62	66	65	64	59	60	57	48	59	59	62	64	64	65	70	73	70	73	71	59	63	65	66	59	63	63.4		
BARRINGTON 1 NW	MAX 90	86	87	81	81	81	75	77	77	83	83	76	69	75	86	90	91	91	90	90	89	91	92	92	92	85	88	90	89	77	75	84.5	
	MIN 66	67	62	60	56	57	62	60	58	53	55	53	47	55	56	67	64	60	65	70	68	68	65	68	68	65	60	65	61	57	56	60.1	
CHICAGO O HARE AIRPORT	MAX 86	89	80	79	83	72	76	77	77	83	82	69	71	77	88	90	93	77	89	90	92	93	92	92	86	87	89	90	77	74	80	83.2	
	MIN 62	66	62	50	46	56	63	63	62	54	57	52	49	59	56	69	66	67	61	70	72	69	69	68	61	58	59	65	56	56	64	60.9	
CHICAGO UNIVERSITY	MAX 92	88	82	77	80	71	77	73	74	83	81	67	71	78	90	94	95	81	91	93	93	89	88	93	82	84	93	94	76	72	80	83.3	
	MIN 70	73	63	61	61	63	66	65	65	61	64	59	55	60	65	71	70	65	68	75	75	75	74	75	67	66	69	70	67	64	68	66.8	
CHICAGO WB AIRPORT	MAX 90	93	84	80	83	71	81	77	80	86	85	70	73	80	90	92	94	80	89	90	92	92	91	93	85	88	90	92	78	74	80	84.6	
	MIN 71	72	65	61	56	65	67	67	66	62	65	59	54	60	63	70	70	66	67	74	76	75	75	75	69	64	68	71	65	65	68	66.8	
CHICAGO WB CITY	MAX 88	86	83	73	74	72	76	71	73	80	78	67	71	78	87	94	94	78	92	92	88	86	85	93	82	80	92	94	74	71	78	81.6	
	MIN 73	75	63	61	66	65	66	65	66	68	67	60	56	60	67	73	72	68	70	74	75	77	76	79	72	69							

# DAILY TEMPERATURES

ILLINOIS  
JULY 1964

Continued

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MCNULTY	MAX	85	92	91	84	78	88	87	84	82	84	82	70	75	85	91	90	95	93	95	91	90	93	95	98	94	91	93	91	88	80	87	
	MIN	65	67	68	58	55	66	68	64	67	61	62	57	51	61	65	67	63	72	69	69	70	68	69	71	68	71	66	69	66	56	61	
OLINCY	MAX	90	96	87	86	79	96	91	85	91	87	83	75	79	88	93	91	97	95	98	94	90	92	97	100	94	93	94	92	88	84	94	
	MIN	70	70	68	66	59	70	77	69	67	66	67	61	53	62	69	71	74	76	73	74	71	73	75	77	76	73	73	72	69	63	69	
OLINCY FAA AIRPORT	MAX	88	94	84	84	77	93	90	83	85	85	74	73	76	86	91	89	94	95	94	92	81	92	94	94	92	92	91	88	82	83	92	
	MIN	68	66	67	65	61	68	70	67	64	64	65	57	51	59	65	69	71	71	69	70	70	72	73	74	73	72	70	70	66	60	66	
RUSHVILLE	MAX	89	94	89	83	78	91	88	88	88	89	87	73	76	88	94	95	96	95	96	96	90	93	94	96	95	96	95	94	84	86	94	
	MIN	65	72	68	62	55	59	65	68	66	67	65	61	48	60	62	66	72	71	72	71	69	69	71	72	66	68	69	70	68	58	69	
CENTRAL 04																																	
BLOOMINGTON NORMAL	MAX	86	89	90	78	78	77	83	86	79	83	82	78	75	83	87	88	93	91	88	89	89	91	94	95	95	88	91	92	92	81	81	
	MIN	68	69	69	58	55	59	67	65	63	63	64	58	51	60	65	69	72	68	68	72	76	69	73	76	71	66	66	71	72	58	64	
CHENOA	MAX	86	90	86	80		83	82	88	80	84	82	75	74	82	87	88	92	89	90	90	92	93	92	88	88	91	92	84	80	84	84	
	MIN	65	67	65	56	47		66	66	57	61	60	57	50	57	62	66	65	63	68	73	67	70	72	69	62	63	70	67	53	63		
DECATUR	MAX	87	92	85	83	79	82	88	84	82	85	82	73	76	83	90	91	93	86	90	90	89	94	95	96	89	92	95	94	86	87	90	
	MIN	69	68	70	62	52	60	68	66	64	63	62	62	50	60	64	68	76	72	67	68	76	68	71	74	74	66	68	73	71	57	69	
FARMER CITY	MAX	87	91		80	81	78	84	89	86	85	84	73	81	86	93	92	95	95	94	89	90	93	94	94	88	90	93	94	84	83	87	
	MIN	64		60	58	47	59	65						48	83	88	65	67	65	64	73	68	70	71	69	62	62	70	53	69	63		
HAVANA	MAX	87	93	90	86	78	90	89	86	85	85	84	73	81	86	93	92	95	95	94	89	95	97	99	97	98	93	93	90	85	90	89	
	MIN	67	67	68	62	53	57	68	63	65	64	63	62	52	57	62	65	65	71	67	67	74	70	72	68	67	72	70	70	57	65	62	
LACON 1 E	MAX	86	90	98	79	81	83	83	85	80	83	82	72	75	84	91	92	93	92	92	90	90	92	94	96	92	88	91	90	89	80	84	
	MIN	68	68	67	57	52	63	64	64	61	63	60	58	48	60	65	70	68	68	69	71	74	67	70	73	70	64	64	68	69	57	63	
LINCOLN	MAX	88	93	87	84	82	85	88	87	83	86	82	75	78	84	92	92	95	86	92	93	90	94	96	97	94	93	95	95	85	87	90	
	MIN	68	68	70	60	62	60	68	67	65	63	62	60	49	61	62	66	69	71	67	67	74	67	70	73	69	65	65	72	70	56	66	
MASON CITY	MAX	86	91	89	79	79	89	90	89	87	84	81	77	75	84	92	91	95	91	92	93	89	94	95	97	94	90	96	94	90	84	90	
	MIN	67	67	68	67	54	62	66	63	62	64	68	69	54	55	64	66	78	73	69	68	75	69	73	73	69	67	68	70	69	56	66	
MINONK	MAX	90	91	86	79	84	80	85	93	80	82	81	74	76	84	92	94	96	86	92	92	93	94	95	97	86	89	95	95	85	80	82	
	MIN	64	65	64	55	53	57	66	65	60	61	62	56	49	57	61	64	63	66	64	65	70	64	70	66	61	62	65	66	56	60	62	
PEORIA WB AIRPORT	MAX	86	91	84	79	80	86	84	89	81	84	78	74	76	85	92	90	94	85	92	92	89	94	95	98	89	90	93	92	83	82	87	
	MIN	67	67	68	61	54	64	69	64	62	65	65	55	50	61	64	66	68	72	69	69	71	69	73	73	69	67	66	70	65	61	65	
PRINCEVILLE 1 N	MAX	83	88	85	80	77	83	83	83	78	83	80	70	73	83	88	87	91															
	MIN	67	68	69	57	56	64	69	65	62	63	61	59	49	60	65	64	69															
EAST 05																																	
OANVILLE	MAX	88	91	89	78	82	79	79	83	81	85	85	78	75	82	88	89	92	89	88	90	92	91	94	94	90	89	93	94	87	85	85	
	MIN	64	65	62	60	50	61	64	64	60	61	60	62	52	58	63	64	65	68	66	67	71	70	70	70	71	65	62	73	71	56	68	
HOOPESTON	MAX	87	89	83	78	81	75	74	83	79	84	83	75	72	79	86	87	90	86	86	89	90	91	91	92	87	88	91	91	85	81	84	
	MIN	64	67	65	56	50	60	63	66	60	59	62	61	49	60	63	66	67	65	65	68	72	70	70	70	72	61	61	70	69	52	64	
KANKAKEE 3 SW	MAX	88	90	89	79	84	82	78	85	80	85	85	79	72	78	87	89	92	90	87	89	90	92	93	94	91	89	92	93	91	79	83	
	MIN	65	69	63	53	44	62	64	63	62	60	59	61	49	59	62	67	65	67	63	68	72	70	71	70	70	59	68	67	54	63		
PONTIAC	MAX	89	93	91	82	82	82	83	89	80	85	82	74	75	84	89	90	93	92	89	90	92	92	94	95	93	88	92	92	83	82	87	
	MIN	67	69	66	57	53	61	67	68	63	63	64	60	51	62	67	68	67	69	60	68	75	70	73	74	69	65	64	70	70	57	65	
RANTOUL CHANUTE AFB	MAX	86	90	80	77	81	77	81	83	78	82	82	71	73	83	87	87	90	77	85	87	89	91	91	85	87	92	93	82	81	85	83	
	MIN	67	66	70	60	56	61	67	66	63	64	64	58	51	63	65	68	68	69	66	69	73	73	75	75	74	66	68	73	64	58	67	
ROBERTS 3 N	MAX	90	90	85	78	82	80	80	85	80	85	82	72	73	80	86	88	90	84	87	88	91	92	94	94	90	88	92	92	87	81	84	
	MIN	64	65	64	56	49	60	65	62	60	61	59	62	49	59	65	66	65	67	63	68	72	69	70	70	70	61	59	70	68	50	62	
URBANA	MAX	87	91	82	79	84	75	86	88	80	85	83	73	75	82	87	88	91	80	86	89	90	92	92	94	86	89	93	93	83	85	87	
	MIN	64	67	70	60	54	60	65	66	62	65	65	57	52	61	62	65	69	70	67	71	76	73	74	73	73	68	70	73	62	57	68	
WATSEKA 2 NW	MAX	88	90	89	79	82	80	81	85	81	87	85	81	73	82	88	89	93	91	87	90	92	95	96	93	92	87	91	91	89	81	83	
	MIN	63	68	63	56	46	59	64	64	61	59	62	61	51	60	63	66	64	66	63	64	72	71	71	71	72	61	61	69	67	53	63	
WEST SOUTHWEST 06																																	
ALTON OAM 26	MAX	86	90	87	87	77	88	92	89	86	88	81	77	78	86	93	92	97	95	93	93	88	93	94	97	96	96	96	90	89	91	94	
	MIN	71	70	71	69	63	68	73	69	68	68	68	64	55	64	70	70	75	74	71	71	72	74	74	76	77	74	75	76	71	61	70	
CARLINVILLE	MAX	86	93	89	86	80	90	93	89	91	90	84	76	80	87	94	94	96															



# DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EFFINGHAM	MAX	90	95	91	86	86	83	91	87	86	89	86	79	79	85	90	92	95	92	88	93	90	95	98	99	93	94	97	94	88	90	92	
	MIN	66	69	72	66	59	62	67	67	63	65	63	63	52	59	64	66	71	70	68	67	74	70	72	73	72	69	68	72	72	55	69	
FLORA 2 NW	MAX	86	92	91	85	82	81	93	86	88	87	82	75	77	84	87	90	91	86	86	90	89	91	94	95	93	91	93	93	87	88	91	
	MIN	61	61	69	63	53	61	66	64	62	63	60	63	52	59	62	60	69	68	68	65	69	68	68	68	70	68	65	71	72	54	65	
MARSHALL 1 E	MAX	88	94	93	79	86	84	82	87	82	84	85	79	75	81	87	89	90	87	87	91	90	92	94	93	92	91	93	94	86	87	89	
	MIN	62	62	63	62	49	61	62	63	63	62	59	61	52	57	60	60	65	68	65	65	67	67	68	69	68	66	63	66	70	53	65	
MATTOON	MAX	89	93	89	81	81	77	88	87	82	85	83	71	76	82	89	91	94	79	86	91	91	93	93	89	91	94	93	86	88	90		
	MIN	65	69	69	62	50	62	65	67	64	63	62	58	51	59	64	65	70	69	65	67	72	91	93	93	89	91	94	91	72	54	67	
MCWEAUGA	MAX	88	91	86	86	81	85	85	83	82	85	84	76	77	86	91	92	96	93	88	93	91	95	95	96	93	90	95	95	84	84	90	
	MIN	62	65	68	64	46	60	60	64	61	62	61	60	50	57	59	62	66	69	66	68	72	95	68	70	69	65	65	70	55	65	63.4	
NEWTON	MAX	88	94	93	89	82	80	92	91	88	87	85	80	78	84	89	91	92	90	86	90	91	92	94	95	90	91	93	92	88	87	89	
	MIN	65	67	70	66	54	62	64	65	63	65	63	63	52	57	63	64	69	70	68	68	71	69	72	72	71	69	69	70	72	55	68	65.7
OLNEY 2 S	MAX	87	91	90	83	80	80	93	87	89	85	87	80	82	82	87	91	90	86	87	90	92	94	95	97	94	92	95	93	90	87	90	
	MIN	64	65	65	62	52	60	60	61	59	62	60	63	61	53	53	59	68	67	67	65	66	67	69	68	68	69	65	70	68	56	62	63.0
PALESTINE	MAX	91	94	92	84	85	81	87	88	86	88	85	76	78	85	93	95	93	84	89	95	92	97	99	96	96	92	96	95	88	90	93	
	MIN	68	67	68	62	53	63	64	63	63	63	62	54	55	58	64	62	69	70	68	68	69	69	71	71	68	68	69	71	71	56	69	65.0
PARIS WATERWORKS	MAX	87	92	89	78	85	80	81	88	81	85	85	77	75	81	89	89	93	86	87	91	91	93	94	91	91	92	94	94	88	89	87.2	
	MIN	65	68	66	62	51	62	65	64	64	64	64	62	52	60	65	67	71	68	66	67	71	70	72	70	74	68	68	72	70	53	67	65.4
SALEM	MAX	86	93	92	85	83	82	95	88	90	86	83	75	77	84	88	90	93	91	86	91	89	92	94	94	93	91	94	90	87	92	88.6	
	MIN	64	67	68	65	57	62	65	68	61	62	66	64	64	65	65	61	70	69	69	67	71	67	70	70	70	71	68	72	71	57	68	65.7
TUSCOLA	MAX	90	95	94	81	85	79	88	91	83	86	85	62	49	59	60	63	67	72	70	66	72	69	71	73	71	66	65	72	83	83	86	
	MIN	64	66	68	62	48	60	65	63	62	63	60	62	49	59	60	63	67	72	70	66	72	69	71	73	71	66	65	74	70	52	67	64.5
VANOALIA FAA AIRPORT	MAX	87	94	86	85	80	88	94	84	89	88	81	76	79	85	92	93	96	88	89	94	89	95	100	99	96	94	98	96	89	90	93	
	MIN	64	64	67	61	51	64	67	62	59	62	60	56	51	57	62	61	69	68	65	63	72	66	68	68	69	69	65	69	60	50	63	63.0
WINOSOR	MAX	89	92	88	82	81	80	89	86	82	85	82	78	76	84	89	91	93	89	86	93	90	94	96	89	92	96	93	85	86	91	87.8	
	MIN	65	68	70	64	49	61	66	65	62	62	63	61	50	58	63	65	69	68	66	67	73	67	70	72	73	66	67	71	71	52	65	64.8
SOUTHWEST 08																																	
ANNA 1 E	MAX	87	92	91	90	84	78	95	89	90	91	86	78	77	85		89	92	94	90	93		90	94	96	97	94	95	94	94	92	94	
	MIN	63	68	68	67	58	60	67	69	68	68	65	64	54	58	60	60	68	67	68	68		69	70	74	74	72	70	71	72	64	68	66.4
BELLEVILLE SCOTT AFB	MAX	85	91	88	85	75	85	94	82	88	87	82	78	78	85	89	89	92	93	92	89	89	90	92	95	94	94	96	92	90	87	92	
	MIN	69	70	71	65	59	66	70	65	62	65	65	60	56	60	64	66	72	71	70	67	74	69	70	73	73	73	72	68	55	68	67.1	
CAIRO WB CITY	MAX	90	92	93	90	87	78	98	90	91	90	85	79	78	86	90	92	93	95	90	91	93	89	93	95	96	94	93	95	89	90	93	
	MIN	70	73	72	72	66	66	72	75	74	72	71	65	59	63	68	71	73	73	74	74	74	74	78	76	75	77	77	74	70	75	71.8	
CARBONALE SEWAGE PL	MAX	87	92	93	89	83	79	96	89	91	90	85	77	79	86	87	90	93	96	90	91	93	92	94	97	97	94	95	94	94	89	95	
	MIN	65	70	69	66	58	62	70	68	64	67	65	60	53	60	63	59	69	67	69	66	70	70	71	71	71	70	69	71	71	62	66	66.2
CARLYLE RESERVOIR	MAX	81	85	92	87	77	76	85	94	84	90	88	81	76	78	85	88	90	92	92	90	91	88	94	95	96	97	93	96	95	90	89	
	MIN	67	67	70	67	56	62	67	66	62	64	64	64	52	58	63	62	71	71	69	65	70	68	70	72	74	72	68	70	56	63	65.9	
COBOEN 2 S	MAX	87	92	90	88	85	79	95	92	89	91	86	78	79	85	86	89	91	93	90	93	92	90	94	93	95	94	92	95	95	92	94	
	MIN	62	66	68	65	57	60	69	66	64	69	66	64	52	54	54	60	69	67	69	67	67	69	70	71	70	73	70	73	70	64	68	65.5
DU QUAIN 2 S	MAX	87	92	93	91	89	80	98	87	91	89	85	77	78	85	88	89	93	94	93	92	92	91	96	96	97	94	97	95	92	89	94	
	MIN	67	69	71	65	59	66	69	66	61	68	66	65	54	58	64	61	69	68	70	67	70	70	71	72	72	72	71	72	72	62	66	66.9
EAST ST LOUIS PKS CDL	MAX	85	91	91	87	84	88	93	91	89	87	85	83	83	85	91	90	93	94				93			96	94	96	93			89.7	
	MIN	68	73	69	63	65	70	67	66	69	69	69	60	53	67	75	73	77	74							70	74	72	73	73			69.5
MAKANDA 1 NW	MAX	87	91	90	88	82	79	95	89	89	89	87	75	76	85	89	91	93	95				94	93	95	95	92	94	94	93	90	94	
	MIN	65	68	71	66	58	61	68	65	64	67	66	64	53	58	64	66	72								71	65	66	69	72	73	62	70
NASHVILLE 3 NW	MAX	85	93	91	87	87	84	98	91	91	89	85	77	79	85	87	89	91	92	90	90	88	91	94	95	96	93	96	95	91	89	94	
	MIN	66	68	71	68	55	64	69	63	60	65	63	64	53	59	65	63	69	70	68	65	74	68	68	67	71	72	69	72	69	55	68	65.8
NEW BURNSIOE	MAX	87	91	91	89	85	78	93	92	90	89	86	76	78	85	88	91	88	93	87	91	90	92	94	95	93	93	94	91	95	89.3		
	MIN	63	68	69	64	56	62	63	62	62	64	63	65	54	59	63	62	62	68	69	66	68	67	69	70	70	69	69	72	74	63	67	65.5
SPARTA	MAX	86	91	91	87	85	84	96	95	90	90	86	78	78	86	89	90	93	94	93	94	91	93	96	97	98	97	97	94	92	93	95	
	MIN	67	69	70	66	58	64	71	67	61	66	66	64	52	59	66	6																

# MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1963 - 1964

ILLINOIS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Normals July-June
<b>NORTHWEST O1</b>														
ALECO	3	12	65	79	649	1550	1103	1066	909	377	60	16	5889	6073
OIXON	0	10	81	103	630	1569	1153	1080	924	408	69	24	6051	6315
FREEPORT	3	21	110	146	671	1614	1185	1135	977	452	97	48	6459	6910
FULTON OAM 13	0	7	70	88	620	1529	1126	1074	940	417	57	21	5949	
GALVA	0	16	71	90	619	1534	1117	1057	911	377	64	17	5873	6087
<b>GENESEO</b>														
HENNEPIN POWER PLANT	2	15	67	92	613	1527	1098	1062	907	379	59	18	5831	
KEWANEE	0	9	52	82	601	1506	1089	1039	879	368	55	10	5690	
MOLINE WB AIRPORT	0	16	83	108	653	1585	1129	1097	942	405	71	20	6109	6408
MORRISON	0	14	76	99	624	1558	1128	1081	930	393	69	25	5997	6300
<b>MOUNT CARROLL</b>														
PAW PAW	9	35	120	147	705	1617	1243	1157	1031	510	119	45	6738	
ROCHELLE 1 W	16	20	113	156	701	1630	1232	1179	1011	508	121	53	6740	
ROCKFORD WB AIRPORT	2	17	95	127	647	1605	1181	1133	1008	489	122	56	6482	6830
STOCKTON	0	12	95	131	701	1617	1206	1124	1012	457	83	38	6476	
<b>TISKILWA</b>														
WALNUT	0	3	70	100	628	1563	1094	1070	872	379	62	12	6008	6146
<b>NORTHEAST O2</b>														
ANTIUCH	0	17	102	146	629	1501	1127	1080	945	510	122	59	6238	
AURORA COLLEGE	4	15	91	124	628	1550	1143	1090	906	429	101	30	6111	6498
BARRINGTON 1 NW	12	31	115	149	633	1551	1134	1111	943	481	135	69	6364	
CHICAGO O HARE AIRPORT	16	24	86	176	684	1599	1149	1106	963	479	139	63	6484	6639
CHICAGO UNIVERSITY	3	9	56	93	575	1404	1056	1008	893	457	121	37	5712	6098
<b>CHICAGO WB AIRPORT</b>														
CHICAGO WB CITY	2	6	50	98	579	1454	1090	1043	894	419	83	23	5741	6155
JOLIET	3	10	65	97	560	1446	1054	1020	814	374	68	15	5526	
MARENGO	8	29	102	160	666	1591	1167	1123	959	487	95	55	6442	
MORRIS 5 N	5	15	90	125	615	1536	1116	1107	893	425	85	28	6040	6090
<b>OTTAWA</b>														
PARK FOREST	13	22	81	125	621	1496	1114	1092	909	455	100	29	6057	
PERU SEWAGE PLANT	5	19	104	131	645	1642	1186	1114	979	479	107	38	6449	6734
SYCAMORE	9	22	97	141	611	1481	1102	1072	935	521	145	72	6208	6667
WAUKEGAN 2 WNW	5	19	104	131	645	1642	1186	1114	979	479	107	38	6449	6734
WHEATON COLLEGE	2	28	102	123	640	1514	1110	1086	917	447	86	36	6091	
<b>WEST O3</b>														
GALESBURG	2	13	60	96	639	1542	1104	1069	932	414	64	18	5953	
GOLOEN 1 NW	0	8	34	65	577	1452	1024	1023	819	320	55	20	5397	
LA HARRE	0	16	37	72	604	1484	1060	1055	857	346	50	6	5587	5777
MONMOUTH	1	17	58	92	630	1495	1072	1061	893	365	64	14	5762	6013
QUINCY	0	8	20	55	530	1354	936	937	758	260	37	11	4906	5185
QUINCY FAA AIRPORT	0	11	33	74	595	1431	1030	1006	869	337	58	20	5464	
RUSHVILLE	5	17	24	74	573	1451	1036	1018	837	328	42	18	5464	5523
<b>CENTRAL O4</b>														
BLOOMINGTON NORMAL	0	15	47	76	557	1444	1035	1012	797	342	45	7	5377	5655
CENOA	1	20	77	115	616	1490	1104	1075	806	398	62			
DECATUR	1	15	29	70	553	1381	1006	978	763	300	44	7	5147	5269
FARMER CITY	3	35	59	95	584	1458	1067	1067	825	337	62	11	5603	
HAVANA	0	10	33	79	575	1417	1032	1008	785	306	44	10	5299	5557
<b>LACON 1 E</b>														
LINCOLN	1	20	42	95	578	1441	1068	1007	814	314	45	6	5431	5512
MASON CITY	0	14	49	84	599	1459	1108	1035	798	311	52	11	5520	
MINONK	1	22	66	110	631	1506	1114	1056	850	385	56	13	5810	
PEORIA WB AIRPORT	2	22	64	93	652	1534	1118	1066	891	384	66	17	5909	6025
PRINCEVILLE 1 N	0				608	1481	1076	1041	856		69	16		
<b>EAST O5</b>														
DANVILLE	2	18	55	108	554	1408	1028	1010	757	302	52	12	5306	5551
HOOPSTON	4	26	66	116	584	1458	1068	1064	810	378	64	19	5657	5711
KANKAKEE 3 SW	9	24	70	119	592	1493	1094	1087	831	380	57	14	5770	5972
PONTIAC	0	13	42	81	547	1431	1044	1023	804	342	43	12	5382	5764
RANTOUL CHANUTE AFB	0		74	132	646	1509	1145	1131	875	385	61	15		
ROBERTS 3 N	1	21	56	110	573	1458	1055	1042	811	372	62	14	5575	
URBANA	0	20	44	84	577	1425	1056	1021	833	348	49	12	5469	5589
WATSEKA 2 NW	7	35	78	110	578	1495	1072	1076	814	371	73	19	5728	
<b>WEST SOUTHWEST O6</b>														
ALTON OAM 26	0	7	13	57	508	1304	966	912	739	247	36	3	4792	
CARLINVILLE	0	7	30	74	534	1345	963	934	717	238	38	8	4891	5049
GRIFFSVILLE	0	6	30	62	532	1369	964	953	760	281	41	11	5009	5215
HILLSBORO	1	8	30	76	539	1342	971	937	706	251	47	7	4915	4992
JACKSONVILLE	0	8	40	66	539	1386	1007	991	776	274	36	7	5130	5270
JERSEYVILLE	0	3	22	69	519	1307	949	903	688	229	41	6		
MORRISONVILLE 4 SE	0	13	45	89	548	1416	1017	977	740	279	43	6	5173	5259
PANA	0	14	53	90	553	1405	1001	967	730	273	46	6	5138	5148
SPRINGFIELD WB AIRPORT	2	18	45	80	589	1420	1055	1034	822	307	47	6	5425	5429
VIROEN 1 SSW	0	7	33	72	533	1353	1004	988		312	44	8		
WHITE HALL 1 E	0	6	37	73	546	1363	1004	939	732	259	45	8	5012	5043
<b>EAST SOUTHEAST O7</b>														
CHARLESTON	2	13	30	71	528	1369	981	955	716	270	41	7	4983	
EFFINGHAM	0	9	24	77	510	1314	1025	942	742	268	33	4	4948	5172
FLORA 2 NW	1	7	35	88	513	1310	959	907	650	219	42	8	4739	4679
MARSHALL 1 E	3	16	54	113	547	1358	997	945	707	268	51	10	5069	
HATTOON	2	17	49	104	593	1425	1049	1009	800	314	55	12	5429	
<b>MOWEAQUA</b>														
NEWTON	0	4	25	74	508	1305	942	895	654	218	30	5	4660	
OLNEY 2 S	3	10	60	109	503	1297	930	893	641	190	48	22	4706	4633
PALESTINE	0	6	36	72	527	1335	962	912	670	219	38	5	4782	4843
PARIS WATERWORKS	2	18	47	94	551	1390	994	981	729	282	47	10	5145	5275
SALEM	0	2	19	65	509	1297	952	908	655	211	35	7	4660	
TUSCOLA	3	14	42	90	554	1413	1029	1010	762	294	44	6	5261	

# MONTHLY AND SEASONAL HEATING DEGREE DAYS

Continued

Season of 1963 - 1964

ILLINOIS

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Normals July-June
VANDALIA FAA AIRPORT	2	11	57	103	605	1409	1021	964	748	259	62	10	5251	
WINDSOR	3	22	51	97	581	1412				276	42	8		5285
SOUTHWEST 08														
ANNA 1 E	0	0	22	51	478	1218	903	843	578	168	33	2	4296	4242
BELLEVEILLE SCOTT AFB	0	9	40	74	567	1315	969	914	727	243	45	4	4907	
CAIRO WB CITY	0	0	11	35	407	1090	809	757	506	122	20	0	3757	3821
CARBONDALE SEWAGE PL	0	1	26	70	485	1182	869	839	550	160	28	5	4215	4263
CARLYLE	0	5	21	64	531	1282	934	902	692					
CARLYLE RESERVOIR	0	7	30	60	530	1319	977	922	707	233	53	11	4849	
COBLEN 2 S	1	0	34	60	499	1200	880	843	565	159	34	8	4283	
OU QUOIN 2 S	0	1	24	60	465	1211	884	831	571	157	34	6	4244	4347
EAST ST LOUIS PKS COL	0	0	15	49	478	1261	874	859	662	182	33	3		
MAKANOA 1 NW	0	1	24	44	449	1205	880	847	590	150	34	6	4229	
NASHVILLE 3 NW														
NEW BURNSIDE	1	4	37	69	493			851	621	204	36	4		
SPARTA	1	2	29	60	463	1197	859	860	553	151	34	9	4218	4299
WATERLOO 1 WSW	0	0	12	58	464	1202	877	819	601	169	30	3	4235	4296
	0	3	9	44	470	1204	881	836	621	183	31	5	4287	
SOUTHEAST 09														
ALBION	0	2	12	53	447	1236	875	853	585	174	29	3	4269	
BROOKPORT DAM 52	0	0	21	69	450	1155	860	825	500	147	33	6	4066	
ELIZABETHTOWN	1	1	30	66	514	1185	877	875	551	167	44	9	4320	
FAIRFIELD RADIO WFIW	1	4	37	73	506	1260	917	894	623	193	42	10	4560	4493
HARRISBURG	0	1	24	65	456	1171	872	847	510	139	28	2	4115	4130
MCLEANSBORO	0	0	20	60	481	1215	903	869	595	182	32	4	4361	4321
MOUNT CARMEL	0	9	37	89	525	1260	983	903	665	212	39	7	4729	
MOUNT VERNON	0	0	19	58	479	1245	915	874	616	189	34	7	4436	4610

## DAILY SOIL TEMPERATURES

ILLINOIS  
JULY 1964

STATION AND DEPTH	TIME	Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
URBANA																																		
4 INCHES	7 AM	75	77	77	74	74	74	72	74	73	75	74	70	68	71	73	75	77	79	79	79	81	80	81	81	81	81	81	78	81	81	76	77	76.4
	MAX	80	88	84	80	82	83	75	76	80	80	82	77	76	75	76	80	83	84	84	84	85	85	87	85	88	84	86	87	87	85	84	82.3	
	MIN	75	75	76	74	74	72	72	72	73	73	74	70	68	68	71	72	75	77	77	77	79	80	80	80	80	80	81	78	78	81	76	75	75.3
8 INCHES	7 AM	77	78	78	76	76	76	74	74	75	75	75	72	71	72	73	75	78	79	78	78	80	80	81	81	81	81	81	79	81	81	78	78	77.1
	MAX	79	80	80	78	80	81	76	75	76	77	78	76	76	73	74	77	78	80	80	80	81	82	82	82	82	83	82	81	82	83	82	80	79.2
	MIN	77	77	76	76	76	76	74	74	74	75	75	72	71	71	71	72	75	77	77	77	78	80	80	81	81	81	81	79	79	81	78	78	76.5

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS 500. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

## EVAPORATION AND WIND

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NCRTHWEST 01																																	
HEWNEPIN POWER PLANT	EVAP	.39	.37	.17	.30	.34	.18	.23	.20	.14	.21	-	.29	.17	.31	.30	.30	.22	.17	.31	.29	.11	.28	.41	.20	.25	.26	.32	.32	.31	.49	8.388	
	WIND	38	34	23	27	22	36	46	28	19	19	11	49	48	56	37	41	36	34	14	27	16	17	24	31	12	23	45	41	41	39	958	
	MIN	93	95	95	92	91	87	84	93	87	95	94	79	83	89	96	95	100	97	103	96	101	99	102	101	99	100	99	98	95	92	79	93.8
EAST 05	EVAP	.24	.32	.35	.19	.23	.36	.10	.11	.17	.21	.13	.25	.21	.20	.19	.25	.25	.19	.12	.23	.23	.24	.24	.17	.28	.13	.37	.28	.30	.28	.33	7.15
	WIND	41	33	33	33	34	28	55	34	29	30	28	39	63	46	42	35	24	35	15	16	16	22	15	8	21	32	21	25	35	58	1001	
	MIN	86	94	96	97	90	89	76	82	90	89	82	81	76	83	87	94	97	98	97	97	98	97	101	96	103	90	96	99	98	88	90	91.5
SOUTHWEST 08	EVAP	.24	.21	.26	.29	.30	.12	.28	.29	.10	.18	.26	.11	.24	.25	.34	.35	.30	.31	.22	.26	.30	.21	.26	.28	.27	.32	.33	.29	.30	.44	.29	8.20
	WIND	65	35	36	47	50	44	111	51	39	39	33	68	119	73	108	82	59	59	33	42	46	42	33	26	30	57	42	47	70	97	1722	
	MIN	85	90	98	92	82	76	87	96	83	93	95	80	81	84	88	92	94	95	93	91	97	88	99	98	98	99	98	99	95	92	91	91.3
CARLYLE RESERVOIR	EVAP	.24	.21	.26	.29	.30	.12	.28	.29	.10	.18	.26	.11	.24	.25	.34	.35	.30	.31	.22	.26	.30	.21	.26	.28	.27	.32	.33	.29	.30	.44	.29	8.20
	WIND	65	35	36	47	50	44	111	51	39	39	33	68	119	73	108	82	59	59	33	42	46	42	33	26	30	57	42	47	70	97	1722	
	MIN	68	68	72	64	60	60	64	70	65	67	67	65	65	55	60	65	66	72	72	70	70	72	71	75	75	73	72	71	72	58	58	67.2







REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the State Climatologist, P. O. Box 14, Urbana, Illinois 62901, or to the nearest State Office near you.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches. Local time zone abbreviations, such as "EST", are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are given in degrees.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the temperature, precipitation, and evaporation at 8:00 a.m., 12:00 p.m., and 5:00 p.m. and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground value is at 8:00 a.m. The "Daily Temperature" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Maximum Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining water equivalent are taken from a depth of 2 inches for successive observations, consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistency in the figures.

**SNOWFALL:** Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of rain and drizzle are given in the "Snowfall, sleet, and ice."

**NORMALS** for all stations are climatological standard normals based on the period 1931-1960.

**DIVISIONS**, as used in this publication, became effective with data for January 1957.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the back page of this bulletin.

**DELAYED DATA AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- / Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing. If average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-WB-Asheville, N. C. -9/14/64-900

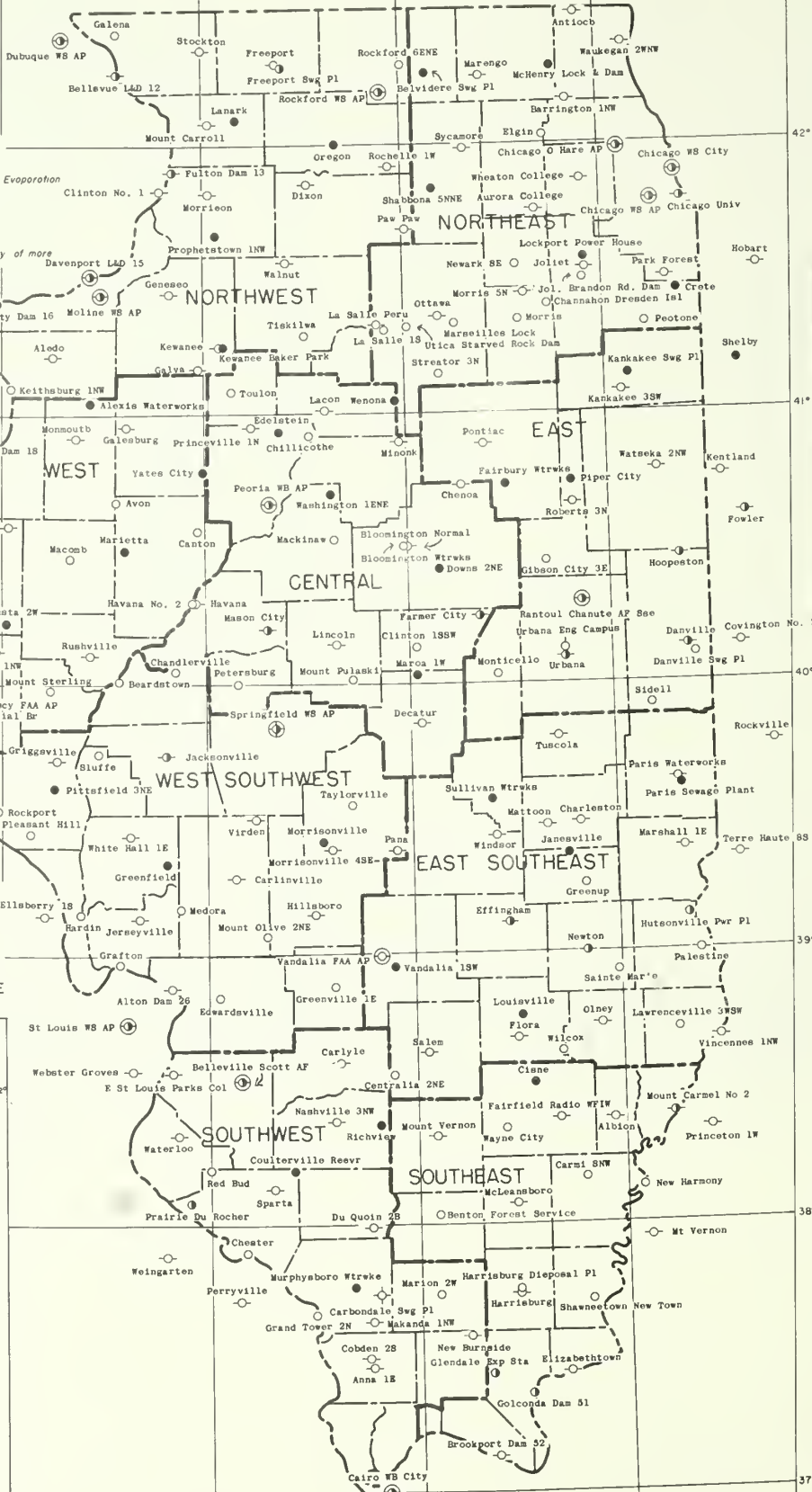
STATION LEGEND

- ● ○ Precipitation only
  - ● ● Precipitation, storage
  - ● ● Precipitation and Temperature
  - ● ● Precipitation, Temperature and Evaporation
  - Type of gage ○ Non-recording, ● Recording
  - ● Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 43 1/2°

# ILLINOIS

STATUTE MILES  
0 10 20 30 40  
90 TH MERIDIAN TIME ZONE









U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS



AUGUST 1964  
Volume 69      No. 8



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 107° on the 3d at Harrisburg

Lowest Temperature: 40° on the 26+ at 7 stations

Greatest Total Precipitation: 5.21 inches at Prairie Du Rocher 1 WSW

Least Total Precipitation: 0.75 inch at Sidell

Greatest One-Day Precipitation: 3.45 inches on the 21st at Canton

SPECIAL WEATHER SUMMARY

August precipitation averaged below normal in all districts although some individual stations exceeded the normal. The average precipitation during the first half of August was less than one-tenth of an inch in the southern three-quarters of the State. Even in the northern quarter the average was less than one-half inch. Extended continuous dry periods began as early as July 7 in parts of Illinois and continued well into August. Central and southern areas suffered most with no rains of consequence until the 18th to 20th. While not all locations in the listed counties had such prolonged rainless periods, some locations in Ford, Champaign, Douglas, Moultrie, and Macoupin Counties reported up to 30 days without measurable rain. In Effingham, Fayette, Montgomery, Bond, Clinton, and Marion Counties, there were as many as 37 consecutive dry days. The seriousness of the situation was dramatized by the Effingham report of, "Dry period broken after 27 days, 12 hours, and 40 minutes".

Temperatures averaged on the cool side, from about 1° below normal in the south to about 3° below in the north. It was a month of extremes as numerous daily record high temperatures were equalled or excelled on the 3d and 4th, and daily record lows equalled or excelled on the 13th, 14th, 15th, and 16th. Minimums on the 13th were the coldest on record for any August at Springfield and some other stations in the West Southwest Division.

William L. Denmark  
Weather Bureau State Climatologist  
Weather Bureau Office  
P. O. Box 143 - Station "A"  
Champaign, Illinois 61824

# CLIMATOLOGICAL DATA

ILLINOIS  
AUGUST 1964

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										9° or Above	31° or Below	5° or Below	0° or Below					Total	Max. Depth on Ground	Date	1.0 or More	.50 or More	1.00 or More
* * * NORTHWEST 01																							
ALEON	84.4	58.9	71.7	- 2.5	98	2	45	14	20	8	0	0	0	1.39	- 1.54	.96	21	.0	0		3	1	0
DIXON	82.1	58.7	70.4	- 3.0	97	2	44	14	24	4	0	0	0	3.96	-.31	1.44	21	.0	0		6	3	2
FREEPORT	79.5	58.3	68.9	- 2.5	94	3	43	14	36	3	0	0	0	3.43	-.52	1.80	21	.0	0		6	2	1
FULTON DAM 13	80.2	59.8	70.0		94	2	46	14	22	2	0	0	0	2.39		1.22	21	.0	0		5	1	1
GALVA	83.2	58.9	71.1	- 2.8	95	2	46	26.4	21	5	0	0	0	1.17	- 2.04	.49	21	.0	0		5	0	0
* * * GENESEO																							
MENNEPIN POWER PLANT	84.2	58.4	71.3		96	2	43	15	19	6	0	0	0	1.10		.53	21	.0	0		4	1	0
KEWANEE	84.8	60.7	72.8		97	2	48	14	10	7	0	0	0	1.04		.59	21	.0	0		4	1	0
MOLINE WB AIRPORT	82.5	59.1	70.8	- 2.8	96	2	45	14	24	5	0	0	0	2.41	- 1.12	1.62	20	.0	0		5	1	1
MORRISON	82.5	56.5	69.5	- 4.1	96	2	40	14	30	3	0	0	0	2.43	- 1.56	1.20	21	.0	0		5	1	1
* * * MOUNT CARROLL																							
PAW PAW	79.2	55.8	67.5	- 3.6	95	3	46	14	42	3	0	0	0	2.25	- 1.35	1.16	21	.0	0		5	2	1
ROCHELLE 1 W	79.7	55.0	67.4		95	3	41	26.4	48	8	0	0	0	1.89	- 1.74	1.47	22	.0	0		2	1	1
ROCKFORD WB AIRPORT	78.5	55.2	66.9	- 5.6	93	3	43	26.4	51	3	0	0	0	1.99	- 2.15	.87	21	.0	0		4	2	1
STOCKTON	80.8	59.3	70.1		94	2	49	9	17	3	0	0	0	3.96		1.90	20	.0	0		6	2	2
* * * TISKILWA																							
WALNUT	85.1	57.5M	71.3M		99	2	41	14	26	7	0	0	0	.97	- 2.56	.62	21	.0	0		2	1	0
	83.0M	59.1M	71.1M	- 3.3	96	2	48	26.4	19	3	0	0	0	2.10	- 1.74	1.42	21	.0	0		3	1	1
* * * DIVISION																							
			70.0	- 3.1										2.18	- 1.47			.0					
* * * NORTHEAST 02																							
ANTIOCH	79.6	58.3	69.0		98	3	47	14.4	30	3	0	0	0	2.23		.89	21	.0	0		5	2	0
AURORA COLLEGE	80.8	57.4	69.1	- 3.3	96	3	44	26.4	34	3	0	0	0	1.93	- 1.54	.78	21	.0	0		6	1	0
BARRINGTON 1 NW	80.6	55.0	67.8		94	3	40	26	52	3	0	0	0	2.14		1.26	21	.0	0		5	1	1
CHICAGO O HARE AIRPORT	80.9	54.5	67.7	- 3.6	96	3	41	26.4	52	4	0	0	0	1.95	- 1.26	1.29	21	.0	0		5	1	1
CHICAGO UNIVERSITY	80.7	62.8	71.8	- 1.6	96	3	51	14	15	4	0	0	0	2.10	- 1.09	.93	21	.0	0		5	1	0
* * * CHICAGO WB AIRPORT																							
	82.2	61.2	71.7	- 2.5	98	3	48	14	17	4	0	0	0	2.19	- .97	.88	21	.0	0		6	2	0
CHICAGO WB CITY	78.8	65.4	72.1	- 2.6	98	2	56	14.4	12	4	0	0	0	2.14	- 1.29	.76	21	.0	0		5	2	0
JOLIET	83.6	59.1	71.4		98	3	49	14	16	4	0	0	0	2.58		1.62	21	.0	0		5	1	1
MARENGO	82.6	56.2	69.4		96	2	42	26.4	31	4	0	0	0	2.59		1.47	21	.0	0		4	2	1
MORRIS 5 N	82.3	56.9	69.6	- 3.6	97	2	41	26	27	3	0	0	0	1.72	- 1.34	.73	21	.0	0		4	2	0
* * * OTTAWA																							
PARK FOREST	85.0M	59.0M	72.0M	- 2.5	99	2	47	14	11	6	0	0	0	1.23	- 2.30	.66	21	.0	0		4	1	0
PERU SEWAGE PLANT	81.6	58.5	70.1		98	3	46	14	24	4	0	0	0	2.77		1.56	21	.0	0		4	2	1
SYCAMORE	83.8	56.5	71.7	- 3.6	97	3	47	26	10	5	0	0	0	.91	- 2.32	.53	21	.0	0		3	1	0
WAUKEGAN 2 WNW	81.1M	57.5M	69.3M	- 2.8	96	2	44	26	28	3	0	0	0	2.18	- 1.69	1.36	21	.0	0		4	1	1
	79.1	60.0	69.6	- 2.0	97	2	47	26	31	4	0	0	0	2.43	- .87	1.10	21	.0	0		3	2	1
* * * WHEATON COLLEGE																							
	82.2	59.1	70.7		97	2	47	26.4	23	4	0	0	0	2.01		1.13	21	.0	0		5	1	1
* * * DIVISION																							
			70.2	- 2.9										2.07	- 1.31			.0					
* * * WEST 03																							
GALESBURG	82.0	59.5	70.8		95	2	46	13	21	6	0	0	0	1.74	- 1.46	1.06	21	.0	0		4	1	1
GOLDEN 1 NW	85.6	59.9	72.8		97	3	43	13	9	10	0	0	0	4.84	- 1.50	3.12	21	.0	0		3	2	2
LA HARPE	86.0	60.3	73.2	- 1.6	98	3	46	13	7	11	0	0	0	3.07	- .72	2.27	21	.0	0		3	2	1
MONMOUTH	85.7	59.4	72.6	- 1.6	97	3	47	26.4	13	10	0	0	0	1.35	- 1.95	.84	21	.0	0		3	0	0
QUINCY	88.1	64.1	76.1	- 1.7	104	3	49	13	7	12	0	0	0	3.79	- .09	2.06	25	.0	0		4	2	2
* * * QUINCY FAA AIRPORT																							
	84.2	61.7	73.0		100	3	44	13	12	9	0	0	0	3.49		1.26	25	.0	0		5	3	1
RUSHVILLE	86.4	60.7	73.6	- 2.0	100	3	50	24	2	10	0	0	0	3.27	- .35	1.86	21	.0	0		5	2	2
* * * DIVISION																							
			73.2	- 2.2										3.08	- .39			.0					
* * * CENTRAL 04																							
BLOOMINGTON NORMAL	85.3	61.8	73.6	- 1.4	99	3	49	13	7	8	0	0	0	2.55	- .63	1.60	21	.0	0		3	2	1
CHENCA	84.0M	58.0M	71.0M		97	3	42	15	2	6	0	0	0	2.63		1.65	21	.0	0		4	1	1
DECATUR	86.6	62.7	74.7	- 1.2	101	3	48	13	4	12	0	0	0	2.11	- .79	1.38	21	.0	0		3	2	1
FARMER CITY	85.3M	57.2M	71.3M		101	3	45	15	16	8	0	0	0	2.41		1.17	21	.0	0		5	2	1
HAVANA	86.6	60.2	73.4	- 2.2	99	3	48	15	6	10	0	0	0	3.34	.06	2.53	21	.0	0		3	2	1
* * * LACON 1 E																							
LINCOLN	84.5	59.7	72.1		98	2	44	14	21	6	0	0	0	1.20		.64	21	.0	0		4	1	0
MASON CITY	87.3	60.5	73.9	- 1.5	103	3	47	13	4	11	0	0	0	3.27	.15	1.77	21	.0	0		3	2	2
MINONK	86.4	60.3	73.4		102	3	48	13	8	10	0	0	0	4.11		1.71	21	.0	0		4	3	3
PEORIA WB AIRPORT	85.8	56.1	71.0		100	2	42	13	22	10	0	0	0	1.75	- 1.53	1.12	21	.0	0		3	1	1
	84.6	60.2	72.4	- 1.9	99	2	48	26	8	8	0	0	0	2.06	- .82	1.40	21	.0	0		4	1	1
* * * PRINCEVILLE 1 N																							
	83.3M	59.8M	71.6M		95	2	45	26	14	4	0	0	0	1.29	- 1.36	.70	21	.0	0		3	1	0
* * * DIVISION																							
			72.6	- 2.6										2.43	- .72			.0					
* * * EAST 05																							
OSANVILLE	85.7	59.2	72.5	- 1.7	98	3	44	15	15	7	0	0	0	1.57	- 1.55	.53	22	.0	0		5	1	0
HOOPESTON	82.9	58.8	70.9	- 3.3	96	3	44	14	21	4	0	0	0	2.97	-.18	2.31	21	.0	0		3	1	1
KANKAKEE 3 SW	84.3	57.6	71.0	- 2.4	97	2	40	14	22	6	0	0	0	1.13	- 2.30	.59	21	.0	0		3	1	0
PONTIAC	85.9	61.2	73.6	- .6	99	2	47	14	8	8	0	0	0	1.44	- 1.63	.90	21	.0	0		3	1	0
RANTOUL CHANUTE AFB	82.9	61.3	72.1		99	3	50	15	11	6	0	0	0</										

# CLIMATOLOGICAL DATA

ILLINOIS  
AUGUST 1964

Continued

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										48° or Above	32° or Below	32° or Below	48° or Above										
* * * WEST SOUTHWEST 06																							
ALTON OAM 26	87.1	66.3	76.7		101	3	53	13	1	11	0	0	0	3.35		1.63	21	.0	0		5	2	2
CARINVILLE	90.2	60.4	75.3	- 1.2	105	3	43	13	6	17	0	0	0	2.50	= .69	.98	21	.0	0		3	3	0
GRIGGSVILLE	88.0	62.8	75.4	- 1.3	104	3	47	13	4	13	0	0	0	1.69		1.49	25	.0	0		2	1	1
HILLSBORO	88.5	61.9	75.2	- 1.1	105	3	45	13	5	14	0	0	0	3.23	= .23	1.42	25	.0	0		4	2	2
JACKSONVILLE	86.2	59.9	73.1	- 2.7	103	3	44	13	9	11	0	0	0	2.56	= .47	2.16	25	.0	0		2	1	1
* * * EAST SOUTHEAST 07																							
JERSEYVILLE	89.0	61.0	75.0		105	3	42	13	7	14	0	0	0	2.14		1.06	25	.0	0		4	2	1
MORRISONVILLE 4 SE	87.7	59.8	73.8	- 1.5	102	3	42	13	7	12	0	0	0	2.34	= 1.26	1.43	25	.0	0		2	2	1
PANA	85.7	62.8	74.3	- 1.7	101	3	48	13	4	9	0	0	0	2.85	= 1.22	1.23	26	.0	0		6	3	1
SPRINGFIELD WB AIRPORT R	87.3	61.7	74.5	- .7	103	3	43	13	10	13	0	0	0	2.20	= .54	1.16	21	.0	0		2	2	1
VIRGEN 1 55W	88.7	59.8	74.3		103	3	41	13	7	13	0	0	0	2.24		1.41	25	.0	0		2	2	1
WHITE HALL 1 E	87.8	61.9	74.9	- 1.7	105	3	45	13	6	12	0	0	0	2.41	= .70	1.93	25	.0	0		3	1	1
DIVISION																							
			74.8	- 1.4										2.50	= .79			.0					
* * * WEST SOUTHWEST 08																							
CHARLESTON	88.1	62.4	75.3		103	3	48	13	3	14	0	0	0	1.27	= 2.07	.50	22	.0	0		3	1	0
EFFINGHAM	89.4	63.7	76.6	- 1.0	105	3	47	13	4	16	0	0	0	1.67	= 1.63	.78	22	.0	0		4	1	0
FLORA 2 NW	88.5	61.0	74.8	- 1.9	102	3	44	13	5	15	0	0	0	3.01		1.27	22	.0	0		3	2	2
MARSHALL 1 E	87.4	57.7	72.6		102	3	44	15+	13	12	0	0	0	1.79		.78	21	.0	0		4	1	0
MATTOON	86.0	61.2	73.6		102	3	48	13	9	11	0	0	0	1.38		.62	25	.0	0		4	1	0
* * * EAST SOUTHEAST 08																							
MOWFAQUA	87.0	59.3	73.2		101	3	40	13	8	12	0	0	0	1.47		.89	25	.0	0		2	1	0
NEWTON	88.3	62.6	75.5		103	3	47	13	4	15	0	0	0	1.64		.72	21	.0	0		3	2	0
OLNEY 2 S	88.6	60.7	74.7	- 2.2	100	3	41	13	9	16	0	0	0	2.70		1.00	21	.0	0		6	2	1
PALESTINE	89.3	62.2	75.8	- 1.8	104	3	46	13	4	15	0	0	0	1.34	= 1.70	.63	21	.0	0		4	1	0
PARIS WATERWORKS	86.2	61.2	73.7	- 1.8	100	3	48	14+	6	9	0	0	0	1.20	= 1.68	.44	21	.0	0		4	0	0
* * * WEST SOUTHWEST 09																							
SALEM	89.1	62.7	75.9		103	3	44	13	5	16	0	0	0	1.29	= 1.96	.63	21	.0	0		3	1	0
TUSCOLA	86.0M	60.5M	73.3M		102	3	48	13	8	0	0	0	0	1.13	= 2.39	.63	22	.0	0		3	1	0
VANGALIA FAA AIRPORT	88.4	59.2	73.8		106	3	40	13	15	15	0	0	0	2.24		1.18	21	.0	0		3	2	1
WINDSOR	88.4	61.1	74.8	- .4	102	3	47	13	4	17	0	0	0	1.90	= 1.56	1.00	25	.0	0		4	2	1
DIVISION																							
			74.5	- 1.3										1.72	= 1.48			.0					
* * * WEST SOUTHWEST 08																							
ANNA 1 E	89.1	64.4	76.8	- .7	106	3	50	13	4	15	0	0	0	4.36	.28	1.03	25	.0	0		7	4	1
BELLEVILLE SCOTT AFB	87.6	63.6	75.6		104	3	46	13	8	15	0	0	0	2.60		1.27	21	.0	0		4	1	1
CAIRO WB CITY	88.1	69.4	78.8	- 1.1	103	4+	57	13	1	14	0	0	0	3.17	.07	1.34	22	.0	0		5	2	1
CARBONDALE SEWAGE PL	89.9	63.5	76.7	- 1.1	105	3	46	13	2	18	0	0	0	3.02	= .84	1.14	26	.0	0		6	2	1
CARLYLE RESERVOIR	88.0	61.7	74.9		104	4	46	13	6	16	0	0	0	1.42		.63	22	.0	0		4	1	0
* * * EAST SOUTHEAST 09																							
COBDEN 2 S	89.3	63.5	76.4		104	3	47	13	4	16	0	0	0	3.64		1.06	25	.0	0		6	4	1
OU CUOIN 2 S	88.6	64.0	76.3	- 1.5	105	3	46	13	4	14	0	0	0	2.73	= .91	.97	22	.0	0		5	1	0
EAST ST LOUIS PKS COL																							
MAKANOA 1 NW	88.8	64.9	76.9		104	3	46	13	6	15	0	0	0	2.79		.70	25	.0	0		6	4	0
NASHVILLE 3 NW	89.1	62.8	76.0		105	3	42	13	6	15	0	0	0	2.42	= 1.39	.90	22	.0	0		4	2	0
* * * WEST SOUTHWEST 09																							
NEW BURNSIDE	90.2	63.8	77.0	- .3	105	3	43	13	4	19	0	0	0	3.20	= .41	1.06	26	.0	0		6	3	1
SPARTA	90.9	64.0	77.5	- 1.0	105	3	45	13	3	18	0	0	0	4.13	.43	2.64	21	.0	0		6	2	1
WATFLOO 1 WSW	89.9	63.6	76.8		104	3	45	13	4	18	0	0	0	3.70	.35	1.22	22	.0	0		5	3	2
DIVISION																							
			76.6	- 1.2										3.10	= .67			.0					
* * * WEST SOUTHWEST 09																							
ALBION	90.7	64.2	77.5		104	3	48	13	2	19	0	0	0	1.80		.85	21	.0	0		4	1	0
BROCKPORT OAM 52	89.1	65.6	77.4		102	4	49	13	2	16	0	0	0	3.01	= .29	.71	12	.0	0		6	4	0
ELIZABETHTOWN	88.7	63.8	76.3		103	3	45	13	3	17	0	0	0	3.56		1.92	26	.0	0		5	2	2
FAIRFIELD RADIO WFIW	88.4	62.6	75.5	- 1.9	103	3	44	13	7	16	0	0	0	1.75		.76	21	.0	0		4	2	0
HARRISBLRG	92.7	64.1	78.4	.2	107	3	45	13	1	23	0	0	0	2.11	= 1.43	1.00	25	.0	0		4	2	1
* * * WEST SOUTHWEST 09																							
MCLFANSBORO	90.4	63.4	76.9	- 1.1	105	3	47	13	2	17	0	0	0	2.04	= 1.58	.80	21	.0	0		4	2	0
MOUNT CARMEL NO 2	89.4	60.9	75.2		103	4	44	12	0	19	0	0	0	2.41		1.09	27	.0	0		4	2	1
MOUNT VERNON	88.5	63.9	76.2	- 1.6	103	3	47	13	4	14	0	0	0	3.05	= .78	1.20	28	.0	0		4	3	1
DIVISION																							
			76.7	- 1.1										2.47	= 1.08			.0					

See Reference Notes Following Station Index



# DAILY PRECIPITATION

ILLINOIS  
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Station	Total	Day of Month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * * *																																		
NORTHEAST 01																																		
ALEDO	1.39																																	
DIKON	3.96	.02		1.18																														
FREEPORT	3.43									.01	.02	.20								.07	.57		.96			.15						.28		
FREEPORT SEWAGE PLANT	3.56	T									.25	.65								.08	.12	.06	1.80		.10							.35		
FULTON DAM 13	2.39	.22			.25						.22	1.03								T	.15		1.77		.0A							.35		
											.09	.09	T							.05	T	.04	1.22	.05	.16							.24		
* * * * *																																		
GALENA	3.50			.03							.10	.05								.05	.04	1.90			.07							1.26		
GALVA	1.17	.27									.10	.10										.49			.05	.07	.18					.10		
GENESEO	1.60			.03							T	.02									.03	1.14			.30							.08		
MENNEPIN POWER PLANT	1.10			.19							.03	.08		T							T	.53			T	.09						.12		
ILLINOIS CITY DAM 16 //	4.11	1.18									.02										.01	2.25	.01		.33			.06				.27		
* * * * *																																		
KEITHSBURG 1 NW	1.04	.02		.04																		.64			.02	.08	T					.25		
KEWANEE	1.04										T	.20								.01	T	.58			.10							.14		
MOLINE WB AIRPORT	2.41			.04							T	.23									T	.28			.10	T				.10		.03		
MORRISON	2.43			.23							.05	.38									.02	1.62	.28			.22			.01	.10		.32		
MOUNT CARROLL	2.90	.08									.04	.08								.05	.56	1.37	.01		.08							.85		
* * * * *																																		
NEW BOSTON DAM 17	1.75	.24									.02	.06	T									.91			T	.07			.02	T	.51			
PAW PAW	2.25	.17		.50	T						.35										.13	.06	1.16	T	.03	.03					.12			
ROCHELLE 1 W	1.69										.33	.04									T	.03	T	1.47								.04		
ROCKFORD 6 ENE											.23	.16										1.56											.24	
ROCKFORD WB AIRPORT //R	1.99								.17		.01	.07									T	.83	.87	T		.09						.15		
* * * * *																																		
STOCKTON	3.96										T	.11	.32									.15	1.90		.62		.46					1.02		
TISKILWA	.97			.23							.03																					.05		
WALNUT	2.10			.48							T	.05									.15	T	1.42			.06						T		
* * * * *																																		
NORTHEAST 02																																		
ANTIACH	2.23										T	.80	.11										.89	.17		.04							.22	
AURORA COLLEGE	1.93			.01	T					.16	.28	.27								.15		.02	.28	.01		.25							.23	
BARRINGTON 1 NW	2.14										.23	.34	T								T	1.24		.15	T							.16		
CHANNON ORESOEN 15L	2.35	.09		.53							.05	.15	.07								T	1.35	.08		.15	T	T					.05		
CHICAGO O HARE AIRPORT	1.95										T	.20	.11	T							T	.20	1.29	.01	T	T	T					.14		
* * * * *																																		
CHICAGO UNIVERSITY //R	2.10										.37	.28										.15	.93										.57	
CHICAGO WB AIRPORT //R	2.19										.31	.60									T	.15	.88	.13	T	T							.12	
CHICAGO WB CITY	2.14										.26	.33									T	.08	.76	.13	T	T							.58	
ELGIN	1.85										.23	.16									T	1.16	.03		.03								.24	
JOLIET BRANDON ROAD DAM	2.33	.03			.11						.13	.13	.10	.01								.22	1.34	.05	.03		.01						.20	
* * * * *																																		
JOLIET	2.58			.14							.24	.10									.08	1.62											.40	
LA SALLE 1 S	1.89	.09		.02							.01	.04	T									.31			.03								.08	
MARENGO	2.59										.30	.18										1.47				.31							.35	
MARSEILLES LOCK	1.20	.04		.02							T	.36	.02									.05	.58	.05		.03							.05	
MORRIS	1.42	.08		.15							.06	.05	.25									T	.71	.08		T							.04	
* * * * *																																		
MORRIS 5 N	1.72			.53							.05	.30											.73										.11	
NEWARK 8 E	3.10	.70		1.20						.06	.17	.07										.90				.01							.04	
OTTAWA	1.23										.16	.16	T								.03	.17	.86										.04	
PARK FOREST	2.77			.62							.28	.31											1.56											.08
PEOTONE	2.83			1.56							.10	.39										T	.68											.08
* * * * *																																		
PERU SEWAGE PLANT	.91			.02							.03	.02									.01	.02	.13	T	.53							.12		
STREATOR 3 N																																		
SYCAMORE	2.18										.48	.12											1.56			.04							.18	
UTICA STARVEO ROCK DAM	.91	.05		.02							.02	.12	.01									.05	.56	.02		.02							.04	
WALKEGAN 2 NW	2.43										.89	.31	.01	T								1.10	.03										.09	
WHEATON COLLEGE	2.01			.12							.44	.10											1.13										.22	
* * * * *																																		
WEST 03																																		
AVON 5 NE	1.80					.01					T												1.21		.39				.05	T			.14	
BENTLEY	2.98																					1.10		1.65									.23	
CANTON	4.25				T	T																3.45		.50									.90	
GALESBURG	1.74										T	T										T	1.06		.18		.05						.35	
GLADSTONE DAM 18	1.45	T			.04							.04											.58		.46		.04						.27	

# DAILY PRECIPITATION

ILLINOIS  
AUGUST 1964

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST SOUTHWEST 06																																	
ALTON DAM 26	3.35																				1.63	.31				1.02	.10		.29				
BARRY	2.85																				.84					1.36	.17		.16				
BEARDSTOWN	3.10				T	T														1.45	.05				1.35	.05		.06	.32				
BLUFFS	2.03			T																	.07							.06					
CARLINVILLE	2.50				T					.01					T						.98					.95		T	.55				
EDWARDSVILLE	3.53																				1.50	1.11				.15	.66		.11				
GRAFTON	3.13																				1.12	.05				1.43	.10		.43				
GREENVILLE 1 E	2.49																				T	1.90				.18	.31		.10				
GRIGGSVILLE	1.69			T																	T	.10				1.49			.08				
HARDIN	1.59																				.05	.38				1.13			.03	T			
HILLSBORO	3.23																				.40	1.10				1.42			.28				
JACKSONVILLE	2.56																				.05	.32				2.16			T				
JERSEYVILLE	2.14																				.72	.01				1.06	.19		.16				
MEORA	3.18			T							T				T						.92	.02				1.37		.06	.79				
MORPISONVILLE 4 SE	2.34																				.02	.83				1.43			.06				
MOUNT OLIVE 1 E	3.32																				.53	1.59				.34	.61		.25				
RANA	2.85																				.15	.57	.10			.57	1.23		.23	T			
PLEASANT HILL	2.27			T							T										.09					1.89		.05	.03				
POCKROFT	2.24																				.25					1.85		.14					
SPRINGFIELD WB AIRPORT R	2.20			T							T	T		T	T						.04	1.16	T			.93		T	T		.07		
TAYLORVILLE	1.67																				.24	.08				.88	.44		.04		.03		
VIRIDEN 1 SSW	2.24										T										.01	.78				1.41		.04					
VIRGINIA	2.56				T							.02				T					1.44					1.02		.03	.05				
WHITE HALL 1 E	2.41					T															.06	.19				1.93		.02	.21				
EAST SOUTHEAST 07																																	
CENTRALIA 2 NE	1.74																				.65	.50				.39			.16		.04		
CHARLESTON	1.27																				T	T	.90			.27	.48		.02				
EFFINGHAM	1.67																					.78				.30	.33		.26				
FLOPA 2 NW	3.01																					.45	1.27				.07		1.14		.08		
GREENUP	1.93																					1.13	.15				.02		.03				
HUTSONVILLE POWER PL	1.76									.15												.40	.24			T	.20		.29	.07		.41	
LAMPENCEVILLE 3 WSW	1.13																				.52	.44				.45	.02	.04		.35		.11	
MARSHALL 1 E	1.79										T	T									.78	.11				.65	.05		.17		.08		
MATTOON	1.38			.05																	T	T	.48	.14			.62		.14				
MOKEAOUA	1.47				T								T								.48	T	.03			.89		.07	T				
NEWTON	1.64																				.72	.16				.07		.67				.02	
OLNEY 2 S	2.70									.20											1.00	.33				.70		.23	.24				
PALESTINE	1.34							T													.63	.26				.15		.23					
PARRIS WATERWORKS	1.20			.15								T									.44	.06				.20		.09	.03	.17			
SAINTE MARIE	2.21									.07												.84	.60				.08	.09	.53			.09	
SALEM	1.29																					.63	.33				.09	T	.24	T			
TUSCOLA	1.13																					.63	.05				.35		.10				
VANDALLIA FAA AIRPORT	2.24																				T	T	1.18	.02		.70		.34		.70	T		
WILCOX	2.55																					.90	.40						.15				.55
WINDSOR	1.90			T																		.62	.13			1.00		.15					
SOUTHWEST 08																																	
ANNA 1 E	4.36					.13					.07				.04	.24						.52	.62			1.03	.02	.99	.03		.87		
BELLEVILLE SCOTT AFB R	2.60				T								T									1.27	.02			.67	.36	T	.48				
CAIRO WB CITY	3.17				.03							T			.17	.73						.06	1.34			.04	.28	.44	T	.08			
CARBONDALE SEWAGE PL	3.02					.15																.94	.21			1.14		.44	T	.14			
CARLYLE PESEPVDP	1.42				T			T														.13	.63	T		.06	.30	.29		.03			
CHESTER	2.43					.17																T	1.27				.26	.03	.47		.20		
COBDEN 2 S	3.64					.06																.58	.55			1.06	.06	.86		.26			
OU QUINN 2 S	2.73					.04																.38	.97			.49	T	.47		.04	T		
EAST ST LOUIS P&S COL	-				.34																	-	-			-	-	-	-	-	-	-	-
GPANO TONEP 2 N	4.95					.06																T	.03	-		-	1.20		.93	T		1.65	
HAKANDA 1 NW	2.79					.15																.57	.58			.70	.01	.50	T	.23	T		
HARION 2 W	2.08					.02																.08	.38			.67	.13	.73		.07			.07
NASHVILLE 3 NW	2.42																					.90	.81			.19		.43		.09			
NEW BURNSIDE	3.20					.01																.69	.69	.45		.11	1.06	T	.20	T			
PPALPIE OU POCHER 1WSW	5.21			T		.22																.13	1.27			.28		.56		2.75			
RED BUD	2.76					.08																.07	1.47	.08			.45	.29		.32			
SRARTA	4.13				T																	2.64	.22			.24		.14	.24	.65			
WATERLOO 1 WSW	3.70					.80																.42	1.22			.09		.16		1.01			
SOUTHEAST 09																																	
ALBION	1.80									.27												.85	.28			.08		.32					
BENTON FOREST SERVICE	2.15																					1.50	.18			.44				.03			
BROOKPORT DAM 52	3.01				T																	.65	.65			.09		.10		.21			
CARMT 6 NW	1.13											.71			T	.04	.56																

# DAILY TEMPERATURES

ILLINOIS  
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Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
NORTHWEST	01																																
ALECO	MAX MIN	96 71	98 74	95 77	87 63	93 58	90 58	89 64	82 54	76 52	94 60	92 57	65 54	72 46	77 45	81 47	84 50	84 59	89 58	91 59	86 66	82 66	79 61	72 55	84 54	82 55	78 48	84 63	81 64	87 54	83 63	84 58	84 58.9
OIXON	MAX MIN	95 67	97 74	95 73	83 69	87 63	86 58	90 64	85 59	72 49	88 55	85 65	65 54	70 53	76 44	78 48	82 51	85 59	79 56	82 55	87 63	81 65	82 57	73 50	80 50	76 57	76 46	84 60	80 68	86 54	82 64	82 55	82 58.7
FREEPORT	MAX MIN	91 70	93 75	94 76	85 68	86 63	86 56	88 67	78 51	71 49	83 63	81 61	63 53	66 52	72 43	75 46	79 51	81 59	78 56	83 56	80 66	73 63	77 59	74 49	75 55	75 44	82 63	83 68	78 63	77 54	77 52	79.5	
FULTON OAM 13	MAX MIN	92 69	94 74	88 77	84 73	87 62	84 56	86 61	77 56	72 47	89 59	78 66	64 56	68 54	75 46	78 50	81 54	82 61	79 59	84 58	84 66	78 66	77 59	68 58	80 52	75 57	76 48	83 61	79 67	84 55	79 65	80.2	
GALVA	MAX MIN	93 69	95 73	94 77	84 69	87 64	87 58	90 65	84 55	84 50	90 60	83 64	66 55	70 46	75 47	79 50	84 53	85 59	84 58	88 58	85 64	82 66	81 59	73 50	82 50	79 58	78 46	85 61	81 65	88 56	83 63	83 58	83.2
GENESECO	MAX MIN	93 72	95 75	94 76	85 68	87 63	86 56	89 67	85 51	77 49	89 60	85 63	69 56	74 48	78 48	83 51	84 61	84 59	82 58	87 63	87 66	81 57	73 67	82 54	82 54	82 45	86 63	82 66	85 55	83 65	84 58	83.0	
WENNEPIN POWER PLANT	MAX MIN	93 66	96 73	94 77	86 73	86 62	87 56	91 61	86 56	78 47	90 59	90 66	68 57	71 52	75 44	80 43	86 47	88 57	83 61	85 54	87 60	83 68	73 58	80 52	81 52	78 44	86 57	82 69	87 53	87 64	84 55	84.2	
KEWANEE	MAX MIN	95 69	97 74	95 74	85 72	88 66	88 59	90 68	88 53	88 47	92 60	91 70	90 55	89 49	76 48	80 50	84 55	85 63	84 62	87 57	88 65	82 66	80 62	75 55	80 54	83 59	78 49	84 66	84 66	86 54	84 62	84.8	
MCLINE WB AIRPORT	MAX MIN	95 74	96 78	91 76	83 65	89 62	86 59	91 62	80 52	74 49	83 62	82 60	64 55	71 49	75 47	80 45	84 59	85 58	89 58	84 67	82 68	79 63	84 57	73 55	77 52	77 47	84 67	80 60	86 53	80 56	82.5		
MORRISON	MAX MIN	92 65	96 72	92 74	83 72	87 60	87 55	87 48	86 61	77 48	86 56	86 65	68 53	70 50	74 40	78 43	82 47	83 60	79 52	84 57	85 59	82 65	80 56	83 56	80 52	79 44	85 61	84 66	84 50	83 63	83 52	82.5	
MOUNT CARROLL	MAX MIN	91 68	93 74	92 73	86 67	86 61	84 56	86 63	83 52	75 48	85 56	85 61	63 53	67 51	72 40	76 46	80 50	81 59	81 52	81 60	81 65	78 65	79 58	73 47	82 50	76 43	84 61	80 66	81 51	81 64	78 52	80.1	
PAW PAW	MAX MIN	75 61	92 65	93 75	83 68	83 62	86 60	85 62	85 51	75 49	72 62	85 55	76 52	62 46	67 48	76 51	82 55	84 58	78 54	84 59	88 59	82 51	76 51	70 49	77 52	70 46	83 67	78 56	84 56	82 56	82.5		
ROCHELLE 1 W	MAX MIN	76 62	93 66	95 66	81 62	84 62	84 56	85 62	88 46	76 46	70 54	85 56	76 52	63 48	67 42	73 48	76 52	82 55	84 50	78 55	79 65	83 68	81 59	65 56	65 49	78 53	78 41	84 49	85 60	82 50	82.5		
ROCKFORD WB AIRPORT	MAX MIN	90 66	93 72	93 73	82 65	84 60	81 56	87 60	75 53	70 48	83 55	75 56	64 53	62 49	72 43	75 47	82 49	82 54	79 53	82 59	82 60	80 60	78 58	82 51	79 47	80 43	79 60	81 57	82 61	78 55	78.5		
STOCKTON	MAX MIN	92 68	94 73	91 73	88 62	89 63	86 63	88 57	80 49	77 52	85 54	83 59	64 51	71 50	72 48	80 52	80 58	80 58	85 55	82 63	79 62	84 64	82 56	78 64	73 56	76 53	83 66	79 64	83 50	78 54	80.8		
TISKILWA	MAX MIN	96 67	99 73	96 78	86 70	88 62	90 65	92 61	86 52	78 48	91 58	90 67	68 56	70 43	77 41	80 43	85 46	89 58	83 58	87 55	86 62	87 67	85 58	75 50	83 48	79 61	80 42	87 57	84 69	88 52	85 53	85.1	
WALNUT	MAX MIN	93 62	96 76	94 76	85 68	87 63	85 60	88 64	83 50	76 50	88 57	83 63	76 55	71 48	76 50	85 55	87 60	81 60	84 56	86 64	82 66	83 61	81 52	79 58	76 50	84 48	81 60	84 67	83 57	83 68	83.0		
* * *																																	
NORTHEAST	02																																
ANTIJOCH	MAX MIN	90 69	95 75	98 76	87 70	83 63	82 58	89 66	77 53	68 47	79 52	79 63	64 51	70 51	74 47	76 49	80 53	84 59	76 56	76 52	77 59	80 65	81 56	71 51	75 51	74 59	76 48	81 58	80 69	82 57	83 62	80 54	79.6
AURORA COLLEGE	MAX MIN	90 66	94 73	94 74	85 72	82 63	84 62	89 63	85 53	71 49	85 54	79 59	63 54	69 53	73 47	76 47	81 51	86 58	79 57	83 63	81 68	82 63	78 49	83 58	80 54	76 48	85 58	81 64	85 58	81 51	80.8		
BARRINGTON 1 NW	MAX MIN	87 67	94 73	94 75	92 69	82 59	82 52	88 60	87 50	74 42	78 60	80 65	73 54	67 50	72 42	76 42	78 43	83 55	81 50	81 48	82 60	80 55	80 56	74 50	82 48	74 50	82 52	82 67	84 50	83 50	83 52	80.6	
CHICAGO O WARE AIRPORT	MAX MIN	91 69	96 76	96 76	88 65	81 60	85 54	92 56	77 51	66 45	83 55	81 59	66 53	70 45	76 41	80 41	83 46	85 55	77 55	82 49	83 59	82 59	83 59	78 57	82 45	74 41	85 55	80 61	83 52	84 56	76 49	80.9	
CHICAGO UNIVERSITY	MAX MIN	92 69	96 78	96 76	85 73	84 60	85 66	92 69	76 63	68 59	84 56	82 59	62 54	67 48	72 43	76 53	82 58	86 64	75 64	76 61	82 66	81 69	84 62	70 58	76 51	76 48	82 61	82 58	82 66	78 66	80.7		
CHICAGO WB AIRPORT	MAX MIN	92 70	97 76	98 76	88 73	83 69	86 65	92 67	77 61	70 53	86 57	82 61	65 56	70 48	74 48	78 51	82 54	88 63	76 58	81 66	87 68	83 63	70 57	81 55	76 48	77 48	86 61	86 65	88 60	81 57	82.2		
CHICAGO WB CITY	MAX MIN	92 72	98 79	93 80	86 74	87 71	89 69	91 71	82 62	60 42	83 58	81 61	66 56	67 48	70 43	73 49	79 62	85 66	82 64	77 64	83 70	82 67	78 61	80 59	76 61	74 59	84 65	82 71	87 68	88 66	78 64	78.8	
JOLIET	MAX MIN	93 67	98 75	98 72	89 73	86 62	86 60	91 63	87 56	76 49	86 55	83 62	72 53	80 45	75 49	82 52	86 60	81 56	84 61	81 66	84 67	80 62	80 58	81 51	78 48	81 62	78 46	85 58	80 55	87 56	83.6		
MARENGO	MAX MIN	93 66	96 73	94 78	92 70	87 61	85 56	89 61	86 54	72 44	85 54	84 64	66 52	69 42	77 43	80 48	83 47	85 55	82 58	85 65	81 68	85 68	75 54	79 46	83 48	76 42	84 58	81 60	87 50	83 56	82.6		
MORRIS 5 N	MAX MIN	92 65	97 72	95 72	87 72	83 63	84 59	88 62	82 55	48 48	85 55	83 55	66 52	62 42	45 45	46 46	58 46	84 58	82 56	81 62	86 67	86 67	74 57	80 49	80 41	76 49	85 60	82 64	87 51	88 65	82 55	82.3	
OTTAWA	MAX MIN	95 66	99 74	97 76	88 72	88 63	89 60	94 64	84 57	70 49	89 57	81 62	68 55	74 47	77 43	83 48	87 51	88 58	84 56	85 63	87 67	85 64	84 58	78 50	82 48	78 48	80 61	87 58	85 50	92 56	85.0		
PARK FOREST	MAX MIN	92 68	97 78	98 76	86 69	79 63	86 62	91 62	78 50	71 42	85 55	81 60	64 54	69 46	76 42	79 46	83 56	85 60	79 57	81 63	85 68	80 63	72 53	79 53	74 48	77 53	85 61	81 57	87 56	85 55	81.6		
PERU SEWAGE PLANT	MAX MIN	93 68	97 74	97 78	88 69	88 61	88 64	92 67	80 55	74 43	90 58	80 70	68 55	71 48	75 49	79 49	86 50	87 58	83 64	82 65	84 65	82 60	78 53	80 55	77 47	78 60	83 61	87 54	87 61	87 57	83.8		
SYCAMORE	MAX MIN	92 65	96 73	94 74	86 69	84 62	84 56	89 64	84 51	70 48	85 53	83 61	62 53	68 46	78 47	82 52	84 59	83 57	81 63	83 66	80 66	82 68	78 58	74 47	77 58	82 54	80 68	85 53	82 62	80 53	81.1		
WAUKEGAN 2 NW	MAX MIN	91 70	97 75	93 78	87 72	85 67	80 58	90 67	82 56	65 51	75 53	78 60	65 54	66 49	72 45	73 49	81 56	83 60	80 57	80 67	85 67	80 60	73 52	78 48	75 46	80 61	81 57	85 57	87 53	78 54	79.1		
WHEATON COLLEGE	MAX MIN	91 68	97 73	96 76	88 68	83 64	85 61	90 65	85 53	49 49	82 53	81 67	69 53	75 47	78 48	80 48	83 52																

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Station	Day of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
<b>WEST 03</b>																																	
GALESBURG	MAX	94	95	90	80	91	87	90	79	75	92	79	65	70	75	79	84	82	88	88	83	82	78	72	83	74	71	83	81	85	82	84	82.0
	MIN	71	74	78	72	64	61	64	52	52	61	56	56	46	51	53	54	59	56	59	67	66	62	56	51	56	47	64	62	56	62	56	59.5
GOLDEN 1 NW	MAX	94	95	97	88	93	92	92	86	88	93	90	70	75	79	82	85	82	90	93	83	81	78	75	88	82	82	84	80	87	85	84	85.6
	MIN	73	75	77	73	63	61	65	51	52	63	67	53	43	56	49	52	55	55	59	66	66	61	56	51	58	50	64	64	58	63	58	59.9
LA HARPE	MAX	97	98	98	90	93	90	93	88	79	97	90	71	73	76	82	82	86	93	93	87	85	79	74	88	87	78	84	82	86	85	83	86.0
	MIN	72	74	78	73	64	60	67	56	53	62	69	56	46	56	51	50	52	55	61	66	66	56	56	51	59	50	64	64	58	64	61	60.3
MONMOUTH	MAX	96	97	97	89	92	91	93	86	79	94	93	66	72	76	81	86	82	91	90	88	84	83	75	85	85	78	86	84	86	85	86	85.7
	MIN	70	75	79	70	60	56	62	51	51	59	65	55	47	52	47	49	61	59	58	63	66	62	56	53	58	47	64	66	55	64	60	59.4
QUINCY	MAX	101	102	104	93	96	94	95	85	86	100	93	71	72	77	83	88	83	92	97	88	86	80	76	94	89	80	86	84	88	86	83	88.1
	MIN	76	79	83	74	69	66	70	58	57	66	67	53	49	59	55	57	61	62	66	72	69	66	59	55	59	58	67	65	63	65	62	64.1
QUINCY FAA AIRPORT	MAX	96	97	100	84	92	91	93	81	84	96	80	67	72	76	80	84	78	88	93	81	82	78	75	91	74	80	84	78	88	86	82	84.2
	MIN	74	77	78	73	68	62	66	57	54	65	56	52	44	58	53	56	60	60	62	70	66	63	56	53	59	55	66	63	60	65	63	61.7
RUSHVILLE	MAX	97	99	100	84	95	91	94	84	83	96	82	70	76	80	81	81	82	90	93	91	88	84	80	87	80	79	85	84	88	87	88	86.4
	MIN	71	72	72	74	68	59	60	56	57	66	65	55	56	55	52	53	60	57	60	63	66	62	60	50	53	51	63	64	59	61	61	60.7
* * *																																	
<b>CENTRAL 04</b>																																	
BLOOMINGTON NORMAL	MAX	95	98	99	94	88	88	94	93	78	90	90	80	70	74	79	85	86	88	82	84	83	83	83	80	80	76	83	80	85	88	87	85.3
	MIN	70	77	77	75	65	59	70	58	51	61	73	57	49	52	51	55	56	59	56	68	65	65	57	57	61	56	63	70	59	65	60	61.8
CHENOA	MAX	94	97	97	88	87	89	91	86	81	90	86	68	70	77	77	85	86	87	85	85	82	82	77	87	74	77	83	80	87	87	87	84.0
	MIN	68	75	75	75	62	56	64	47	47	50	44	42	50	44	42	58	56	56	52	62	67	58	47	53	58	47	58	58	53	58	53	58.0
DECATUR	MAX	97	100	101	94	91	91	96	84	80	93	89	72	73	77	81	86	89	90	90	89	83	85	77	85	79	79	85	82	90	91	87	86.6
	MIN	70	78	76	74	65	63	71	55	54	61	72	58	48	57	54	62	59	60	62	66	67	69	57	54	63	52	64	69	60	66	59	62.7
FARMER CITY	MAX	96	99	101	93	90	88	95	82	79	92	85	68	73	77	81	86	88	90	88	88	80	85	83	83	75	77	84	82	86	89	84	85.3
	MIN	65	73	75	72	63	59	63	54	49	56	62	55	47	48	45	49	56	55	50	61	61	61	49	65	48	59	62	54	55	51	57.2	
HAVANA	MAX	98	99	99	89	92	92	93	88	81	95	94	68	73	76	83	86	84	90	92	88	84	84	77	87	86	78	86	82	88	87	85	86.6
	MIN	70	75	77	76	64	59	64	59	51	63	67	59	49	57	48	50	59	59	59	60	67	62	59	51	59	50	55	66	57	67	59	60.2
LACON 1 E	MAX	95	98	96	86	87	88	92	87	75	92	90	67	71	76	79	85	85	85	86	88	82	85	74	83	82	77	86	84	87	88	85	84.5
	MIN	71	77	78	72	65	55	63	55	49	59	65	56	50	44	45	49	60	61	57	66	67	64	58	53	60	47	60	69	55	64	57	59.7
LINCOLN	MAX	98	101	103	93	95	92	96	85	81	96	86	71	77	80	81	89	87	94	92	89	84	86	76	86	74	80	86	83	89	90	87	87.3
	MIN	69	74	77	74	65	62	65	52	50	57	65	57	47	55	59	51	58	58	59	64	66	66	57	63	54	50	62	65	58	65	58	60.5
MASON CITY	MAX	97	100	102	100	91	91	94	90	87	93	87	68	72	75	81	86	82	89	91	87	83	84	79	86	83	77	84	82	86	87	84	86.4
	MIN	70	76	77	74	64	56	65	53	50	58	62	57	48	55	53	58	59	59	59	65	66	64	60	52	57	51	62	60	57	64	59	60.3
MINONK	MAX	97	100	98	90	89	91	94	81	77	93	85	69	72	77	82	88	90	88	88	90	84	87	77	84	76	79	85	85	88	90	86	85.8
	MIN	64	70	73	69	60	57	60	49	48	56	62	53	42	45	45	51	54	55	52	59	63	59	54	49	56	45	56	65	54	61	54	56.1
PEORIA WB AIRPORT	MAX	95	99	98	88	91	91	95	82	77	94	83	69	73	75	80	85	85	90	89	87	82	82	74	84	75	77	84	82	86	86	84	84.6
	MIN	70	74	74	72	66	62	63	58	55	62	60	58	49	52	54	53	58	56	61	65	65	63	57	53	54	48	64	62	57	64	58	60.2
PRINCEVILLE 1 N	MAX	94	95	92	84	86	86	89	84	74	90	86	65	78	82	81	85	85	85	87	85	81	80	73	83	80	75	84	86	85	84	83	83.3
	MIN	68	75	78	69	64	57	63	54	53	58	62	55	48	49	50	59	56	67	66	64	56	52	64	56	52	59	45	64	65	57	64	56
* * *																																	
<b>EAST 05</b>																																	
DANVILLE	MAX	95	97	98	90	87	89	95	88	77	91	89	78	72	75	80	84	87	86	84	89	87	83	77	84	82	79	85	84	89	90	85	85.7
	MIN	67	74	76	73	60	60	63	57	49	55	72	56	49	45	44	48	53	58	54	61	67	68	57	52	63	48	56	69	56	68	56	59.2
HOORSTON	MAX	93	95	96	89	86	85	91	81	74	88	85	69	70	75	79	83	85	86	82	87	81	82	76	81	75	77	83	80	85	88	82	82.9
	MIN	66	74	76	71	60	59	64	52	47	57	69	56	52	44	45	50	56	58	51	61	65	66	58	53	63	47	57	67	56	67	55	58.8
KANKAKEE 3 SW	MAX	94	97	96	90	85	86	91	89	77	87	87	74	69	75	79	84	86	84	80	87	84	84	81	80	79	77	85	82	86	90	88	84.3
	MIN	64	71	75	70	60	60	60	51	47	56	72	55	50	40	47	46	56	54	52	61	67	61	58	49	63	42	55	70	52	67	53	57.6
PONTIAC	MAX	96	99	98	89	87	89	94	92	79	90	90	77	72	77	80	86	87	85	85	87	85	85	81	81	82	77	84	84	86	90	88	85.9
	MIN	67	74	77	75	65	62	65	57	51	59	75	57	52	47	49	52	58	67	55	64	67	63	62	61	67	48	60	69	58	66	58	61.2
GRANTDUL CHANUTE AFB	MAX	95	97	99	91	87	86	93	79	73	92	85	66	70	74	79	83	85	86	82	88	81	83	75	81	71	75	82	80	84	88	81	82.9
	MIN	67	76	78	74	67	63	68	59	52	60	64	58	54	51	50	57	59	63	59	60	68	65	59	52	58	52</						



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Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PANA	MAX	97	100	101	92	90	90	94	88	78	93	90	74	74	74	79	83	88	87	89	87	80	84	78	85	80	77	85	82	86	89	83	
	MIN	71	75	77	75	67	61	70	58	52	58	58	72	58	48	57	53	60	60	62	60	65	69	69	60	56	60	55	62	68	62	68	60
SPRINGFIELD WB AIRPORT	MAX	99	101	103	91	93	92	96	84	83	96	86	71	74	77	83	87	88	91	93	90	84	86	79	88	75	80	87	83	90	86		
	MIN	75	79	78	75	66	61	67	60	54	63	62	50	43	59	52	54	61	60	60	68	68	62	59	54	56	53	66	64	61	64	59	
VIRGEN 1 55W	MAX	99	100	103	98	93	94	98	85	84	96	93	77	75	77	83	89	91	92	94	89	84	86	79	88	84	80	86	84	89	92	87	
	MIN	69	74	75	73	66	55	69	53	48	56	70	58	41	54	48	49	55	59	56	64	69	66	56	51	59	50	60	68	59	67	56	
WHITE HALL 1 E	MAX	98	99	105	94	95	93	95	89	84	95	93	75	73	77	81	86	87	91	94	90	83	84	78	89	86	78	86	82	88	89	85	
	MIN	72	74	74	76	70	60	71	60	54	61	69	57	45	57	54	52	55	61	60	66	69	65	56	50	60	55	63	67	60	67	58	
* * *																																	
EAST SOUTHEAST 07																																	
CHARLESTON	MAX	97	100	103	97	90	90	97	92	80	95	92	81	75	77	80	86	88	90	86	91	87	84	82	87	83	78	85	85	90	94	88	
	MIN	69	74	75	73	65	61	70	58	51	60	71	58	48	54	53	54	62	61	60	64	68	68	58	57	62	55	63	68	63	72	58	
EFFINGHAM	MAX	98	100	105	101	93	93	98	93	82	95	93	78	75	79	80	88	91	92	92	91	86	87	83	87	83	81	87	86	90	96	89	
	MIN	71	75	75	75	68	63	72	60	54	60	72	59	47	58	54	55	58	63	63	65	68	69	68	65	64	58	64	68	63	71	61	
FLORA 2 NW	MAX	96	98	102	98	95	92	95	92	82	95	93	85	75	76	80	87	91	92	91	92	86	82	82	86	82	80	86	85	89	93	85	
	MIN	65	73	76	74	70	57	64	62	47	52	70	57	44	56	50	51	52	64	56	61	69	68	60	53	65	59	60	68	60	68	61	
MARSHALL 1 E	MAX	94	99	102	96	90	89	97	92	81	92	92	84	73	77	80	86	89	90	86	90	87	79	82	83	80	81	85	85	88	94	85	
	MIN	63	72	74	69	61	58	67	61	54	47	50	67	56	44	46	44	47	53	60	57	56	68	65	56	52	56	54	56	57	66	55	
MA7700N	MAX	97	100	102	94	90	90	96	82	78	93	90	68	73	77	79	84	88	89	86	90	80	85	80	86	74	79	85	84	88	92	86	
	MIN	69	75	72	75	66	61	69	58	51	58	62	52	48	55	52	51	60	60	60	64	69	63	58	54	61	55	61	64	61	70	58	
HOWEAQUA	MAX	96	100	101	94	91	91	96	92	80	95	87	73	73	76	82	86	89	89	92	91	83	85	78	86	82	80	80	83	89	90	87	
	MIN	70	67	73	72	65	60	63	55	50	55	71	57	40	55	49	47	55	58	57	61	67	68	55	50	60	50	60	61	57	65	56	
NEWTON	MAX	96	98	103	100	93	90	95	93	84	93	93	89	75	77	80	85	90	91	87	80	81	84	82	79	85	85	88	92	88	88		
	MIN	68	74	76	76	67	62	67	61	52	56	70	59	47	57	52	53	56	62	62	63	68	68	68	65	58	62	65	68	61	69	60	
OLNEY 2 S	MAX	94	96	100	97	93	90	94	88	80	94	93	92	74	76	79	86	92	94	90	92	87	81	83	86	85	80	87	88	91	95	89	
	MIN	66	77	74	72	66	58	63	60	60	53	71	56	41	50	52	51	52	62	61	60	67	67	58	54	49	61	65	68	61	67	60	
PALESTINE	MAX	97	100	104	98	93	93	97	89	84	96	94	79	76	81	84	88	92	93	89	94	82	81	83	89	75	83	89	90	92	95	89	
	MIN	68	74	76	75	66	60	64	62	52	56	71	60	46	57	49	50	55	62	60	65	70	70	58	55	66	61	62	69	61	68	59	
PARIS WATERWORKS	MAX	95	99	100	92	89	89	95	87	78	92	90	77	73	77	80	85	88	87	81	90	84	81	80	86	79	80	85	89	95	84	86	
	MIN	70	76	76	70	64	62	70	57	51	56	72	55	48	58	50	52	56	60	58	64	67	68	58	54	64	53	59	68	61	70	58	
SALEM	MAX	97	98	103	101	94	91	96	93	83	95	93	87	76	74	79	87	90	92	93	91	86	86	83	87	85	80	87	85	90	93	88	
	MIN	70	71	72	74	72	62	68	64	54	57	71	58	44	58	54	55	64	62	61	68	68	57	54	65	65	61	62	67	61	69	63	
TUSCOLA	MAX	97	97	102	90	86	87	96			91	80	80	72	74	81	84	87	89	81	87	86	82	80	84	83	81	83	82	90	90	85	
	MIN	70	66	74	77	64	62	68			58	57	57	48	51	53	54	49	58	57	60	67	68	56	52	63	49	60	67	60	66	59	
VANDALIA FAA AIRPORT	MAX	100	101	106	97	93	92	100	87	86	97	93	70	75	78	79	88	92	92	94	91	79	87	82	87	72	79	87	85	91	94	87	
	MIN	71	75	74	73	63	55	70	57	49	58	59	48	40	55	47	48	53	61	57	61	68	63	57	52	59	55	63	63	59	66	56	
WINDSOR	MAX	97	100	102	95	91	91	97	94	80	96	90	77	74	78	81	86	90	90	92	90	86	87	80	87	83	80	86	89	90	91	90	
	MIN	68	74	76	72	64	58	70	55	49	57	71	58	47	55	48	50	61	61	56	64	69	68	57	55	61	52	62	68	62	69	57	
* * *																																	
SOUTHWEST 08																																	
ANNA 1 E	MAX	96	97	106	104	96	95	95	92	89	96	83	81	80	75	63	86	90	90	92	92	88	85	87	89	87	81	87	88	91	93	89	
	MIN	72	74	76	78	69	63	66	69	57	56	72	56	50	60	58	59	61	61	63	64	69	67	62	58	65	64	63	63	63	69	68	
BELLEVILLE SCOTT AFB	MAX	99	100	104	98	97	92	96	88	83	96	92	72	73	73	76	85	91	88	92	91	80	87	82	90	77	79	87	83	91	90	85	
	MIN	74	76	75	77	72	63	73	61	55	61	63	51	46	59	55	54	59	66	62	65	72	65	61	58	64	62	64	67	62	69	62	
CAIRD WB CITY	MAX	96	96	103	103	97	94	94	91	88	94	92	78	79	68	65	81	87	86	90	89	90	83	84	88	89	79	87	89	91	92	87	
	MIN	76	77	79	79	75	70	75	71	63	67	73	61	67	63	61	64	64	68	70	71	75	69	64	63	70	68	69	73	70	73	72	
CARBONDALE SEWAGE PL	MAX	98	98	105	104	95	94	95	93	86	96	96	92	79	75	69	87	93	90	96	92	85	85	85	90	87	80	82	86	93	93	87	
	MIN	72	75	75	74	67	63	67	67	52	54	73	58	46	60	60	57	55	65	57	63	70	68	60	54	67	65	62	66	61	69	65	
CARLYLE RESERVOIR	MAX	94	98	100	104	98	95	92	97	87	83	96	93	74	75	75	77	82	92	91	94	90	77	87	81	87	76	79	87	83	90	94	
	MIN	72	72	77	75	72	60	66	62	52	56	62	56	46	53	54	53	56	65	60	62	70	68	59	56	62	59	61	64	60	62	60	
CRODEN 2 S	MAX	96	98	104	103	97	95	94	92	89	95	92	90	80	76	65	86	89	91	93	90	87	88	84	88	86	80	85	85	90	82	88	
	MIN	70	75	77	75	69	62	66	67	57	54	72	54	47	60	58	47	60	69	59	62	69	67	57	53	64	64	62	69	62	68	66	
OU QUDIN 2 S	MAX	97	99	105	100	94	93	95	89	85	95	94	81	77	74	70	87	93	89	94	91	83	85	83	89	84	80	87	85	91	93	86	
	MIN	72	75	77	75	73	64	69	67	56</																							

# DAILY TEMPERATURES

ILLINOIS  
AUGUST 1964

Continued

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ELIZABETHTOWN	MAX	95	96	103	97	94	92	93	90	86	95	94	87	80	74	70	83	90	89	92	90	93	83	86	88	85	76	87	90	91	93	87	88.1
	MIN	70	72	75	73	73	63	65	71	58	53	71	53	45	59	58	61	56	64	59	61	70	68	59	56	66	63	65	69	63	68	70	63.8
FAIRFIELD RADIO WFIW	MAX	97	99	103	101	95	92	94	92	85	94	94	91	74	75	77	85	91	89	90	91	87	80	81	85	85	78	85	84	92	90	85	88.4
	MIN	68	74	77	75	70	60	65	65	52	54	71	58	44	58	51	56	53	66	61	61	69	68	59	54	66	63	62	67	66	67	62	62.6
HARRISBURG	MAX	99	101	107	102	100	96	98	93	92	99	97	93	82	78	74	89	95	90	96	94	92	87	88	93	94	80	89	92	94	98	92	92.7
	MIN	70	77	78	75	70	60	66	68	53	53	73	58	45	60	59	59	55	66	59	62	74	69	62	54	61	65	63	69	62	68	68	64.1
MCLEANSBORO	MAX	98	100	105	101	95	94	97	91	85	99	95	89	78	76	74	87	94	90	96	94	88	85	85	91	85	78	88	89	91	96	88	90.4
	MIN	69	73	76	76	70	61	65	67	54	54	68	59	47	59	58	55	53	65	60	62	71	68	60	56	66	65	64	68	63	68	66	63.4
MOUNT CARMEL NO 2	MAX	94	95	97	103	96	93	89	90	92	80	91	93	92	90	89	79	85	90	90	90	90	85	80	85	84	80	87	85	90	94	93	89.4
	MIN	67	69	76	77	69	61	65	60	55	54	62	44	50	48	45	55	59	62	59	60	70	61	60	50	64	65	68	64	62	66	60	60.9
MOUNT VERNON	MAX	98	99	103	99	94	91	95	91	83	95	93	88	75	74	75	85	90	89	94	90	87	84	82	87	87	80	87	85	88	91	86	88.5
	MIN	71	74	76	78	72	62	68	67	55	57	70	58	47	59	55	56	56	66	62	63	70	69	58	56	67	63	63	67	62	69	64	63.9

6 MAXIMUM AND MINIMUM TEMPERATURES ARE THE HIGHEST AND LOWEST HOURLY READINGS FOR EACH DAY.

# EVAPORATION AND WIND

Station		Day of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST HENNEPIN POWER PLANT	EVAP	.15	.40	.59	.15	.24	.26	.28	.40	.25	.15	.38	.22	.22	.19	.23	.25	.23	.17	.23	.20	.19	.30	.21	.20	.26	.15	.17	.20	.23	.37	.26	7.73
	WIND	35	47	35	18	27	26	40	35	18	63	93	110	64	17	21	23	32	26	40	32	72	48	85	35	80	28	44	90	30	67	31	1412
	MAX	96	100	96	88	96	93	94	89	86	87	86	75	79	79	86	88	89	85	87	86	87	80	80	86	83	83	84	90	90	90	87.1	
	MIN	71	79	78	75	69	65	70	61	58	57	72	56	55	56	55	59	65	66	62	67	68	66	60	61	64	51	62	70	62	69	62	64.2
EAST URRANA	EVAP	.23	.31	.33	.32	.34	.34	.28	.38	.26	.34	.24	.37	.16	.25	.25	.19	.35	.23	.26	.17	.37	.07	.08	.28	.22	.07	.18	.18	.20	.38	.23	7.86
	WIND	43	46	56	53	42	46	35	51	58	41	51	85	47	44	40	34	23	40	47	38	46	57	43	46	48	24	28	52	42	31	41	1378
	MAX	86	97	100	99	95	93	92	95	87	84	98	98	69	77	83	84	88	85	90	85	87	81	86	80	82	72	83	88	86	92	94	87.6
	MIN	66	68	75	74	68	64	64	61	55	59	58	58	55	54	53	54	59	64	59	58	62	69	60	61	64	56	56	63	64	64	62	61.5
WEST SOUTHWEST SPRINGFIELD WB AIRPORT	EVAP	.33	.51	.55	.25	.37	.35	.43	.47	.35	.37	.61	.33	.24	.19	.33	.27	.28	.30	.32	.29	.34	.34	.24	.28	.17	.18	.23	.25	.27	.32	.23	9.99
	WIND	87	113	123	82	78	61	66	123	73	111	180	176	78	51	63	34	50	70	65	93	112	103	94	63	84	49	101	128	54	96	56	2717
	MAX	100	98	99	92	94	93	96	87	88	92	94	74	78	79	85	88	86	92	91	88	84	86	78	87	82	83	87	84	91	93	90	88.4
	MIN	72	77	76	78	69	64	70	61	56	59	70	57	50	59	56	61	66	64	63	68	70	70	60	59	65	58	66	71	65	70	63	64.9
SOUTHWEST CARLYLE RESERVOIR	EVAP	.29	.32	.47	.42	.47	.32	.31	.43	.39	.32	.40	.45	.26	.24	.18	.22	.25	.25	.29	.30	.32	.11	.26	.27	.18	.15	.17	.22	.19	.22	.28	8.95
	WIND	53	98	91	53	108	79	33	77	83	40	98	113	64	46	35	42	31	39	27	44	131	59	89	45	98	60	39	106	36	52	39	2008
	MAX	95	97	98	99	100	97	92	95	87	87	91	91	76	81	76	78	89	90	91	93	88	76	85	84	89	77	85	89	88	94	97	88.9
	MIN	68	73	74	75	67	62	62	63	55	55	59	56	51	51	57	57	58	62	59	63	67	69	59	60	61	59	61	65	66	66	64	62.1

See Reference Notes Following Station Index

# DAILY SOIL TEMPERATURES

ILLINOIS  
AUGUST 1964

STATION AND DEPTH	TIME	Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA 4 INCHES	7 AM	77	81	82	83	79	78	79	77	76	75	77	75	70	72	71	73	74	75	73	73	75	75	74	70	74	68	71	75	72	73	73	74.8
	MAX MIN	81 77	86 76	89 81	89 82	88 79	88 78	86 78	93 77	87 76	86 75	83 75	84 75	75 70	77 71	81 72	85 74	82 73	81 73	83 73	79 73	79 74	78 72	78 70	78 68	78 70	78 68	74 68	76 68	77 70	80 72	81 73	81.9
8 INCHES	7 AM	78	80	82	82	81	80	80	80	78	77	78	78	73	73	74	74	75	76	75	75	75	75	74	72	73	71	71	73	73	74	75	76.0
	MAX MIN	79 78	81 78	83 81	84 82	84 81	83 80	82 80	83 80	83 80	83 78	80 77	80 77	78 78	75 72	77 73	78 72	78 75	77 75	78 75	78 75	76 75	76 75	76 75	77 74	77 72	74 71	74 71	72 71	75 71	75 73	76 74	77 75

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS 500. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.			Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset		
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 AM CST	NOON CST	6:00 PM CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99			2.00 and over	Total
CAIRO WB CITY	5*	-	7.2	35	NW*	4	-	85	57	-	2	4	3	1	1	0	11	74	4.6
CHICAGO O HARE AIRPORT	24	7	9.5	29++	21	11	79	86	51	55	6	1	4	0	1	0	12	-	5.2
CHICAGO MIDWAY AIRPORT	21	5	9.0	27	W	11	70	80	51	54	7	0	4	2	0	0	13	66	5.1
MOLINE WB AIRPORT	27	5	8.0	38	W	24	79	85	50	54	4	3	4	0	1	0	12	71	5.2
PEORIA WB AIRPORT	18	10	9.0	29	W	30	75	83	48	53	5	2	3	0	1	0	11	72	5.6
ROCKFORD WB AIRPORT	18	23	9.7	35++	27	30	87	91	56	59	4	3	2	2	0	0	11	-	5.0
SPRINGFIELD WB AIRPORT	17	6	9.2	31	W	25	69	78	46	49	8	2	0	1	1	0	12	80	4.9

\* TO 8 COMPASS POINTS ONLY



# STATION INDEX

ILLINOIS  
AUGUST 1964

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER											
								TEMP	PRECIP	EVAP	SPECIAL										TEMP	PRECIP	EVAP	SPECIAL												
ALBION	0095	09	EDWARDS	7 38 23	88 03	530	6P	6P				DESSIE ELLEN	LA SALLE 1 S	4923	02	LA SALLE	1 41 19	89 06	520	7A			ILL DIV OF WATERWAYS	4923	02	LA SALLE	1 41 19	89 06	520	7A			ILL DIV OF WATERWAYS			
ALCOO	0072	06	WARREN	4 01 13	90 26	445	8A					BOURBON	LANCASTERVILLE 3 WSW	4809	04	LANCASTER	1 40 38	88 01	438	6P				ERNEST THOMAS PINE	4809	04	LANCASTER	1 40 38	88 01	438	6P			ERNEST THOMAS PINE		
ALTON DAM 26	0082	03	WARREN	4 41 03	90 34	694						MUNICIPAL WORKERS	LINCOLN	4009	04	LOGAN	1 40 09	89 22	491	7P	TA			LEONARD E. JUHL	4009	04	LOGAN	1 40 09	89 22	491	7P	TA			LEONARD E. JUHL	
ANTHONY	0137	06	HANCOCK	4 38 53	91 11	432	11D	TA				U S CORPS OF ENGINEERS	LOCKPORT POWER HOUSE	5186	06	HILL	1 41 33	88 01	585	6P				CHICAGO SANITARY DIST	5186	06	HILL	1 41 33	88 01	585	6P			CHICAGO SANITARY DIST		
AUGUSTA 2 W	0201	02	LAKE	1 42 29	88 06	800	7P	7P				ROY L. KUFAL	LOUISVILLE	5216	07	CLAY	1 38 46	88 30	470	6P				JOHN O. BLAIR	5216	07	CLAY	1 38 46	88 30	470	6P			JOHN O. BLAIR		
AURORA COLLEGE	0300	03	HANCOCK	1 42 14	90 06	680	8A					JACK A. CARROLL	NACKINAWA	5272	04	TAZEWELL	1 40 32	89 22	470	6P				CARLIE M. KULL	5272	04	TAZEWELL	1 40 32	89 22	470	6P			CARLIE M. KULL		
AVON 5 NE	0353	03	FULTON	1 41 45	88 20	740	7P	7P				ANDRUS COL PHYSICS DEPT	MADISON	5294	08	JACKSON	4 42 38	89 16	680	6P				EDWARD LEWIS KECANOUD	5294	08	JACKSON	4 42 38	89 16	680	6P			EDWARD LEWIS KECANOUD		
BARRINGTON 1 NW	0442	02	LAKE	1 42 40	90 22	650	7A					JAMES R. MITCHELL	HARENO	5326	02	HENRY	6 42 15	88 36	825	6P				HAROLD HYDE	5326	02	HENRY	6 42 15	88 36	825	6P			HAROLD HYDE		
BARRY	0449	06	PIKE	4 39 41	91 03	640	7A					GEORGE E. GRIDER	MARIION 2 W	5342	08	WILLIAMSON	4 37 44	88 57	454	5P				OREL W. TURNER	5342	08	WILLIAMSON	4 37 44	88 57	454	5P			OREL W. TURNER		
BEARSTOWN	0581	02	CLAIR	4 38 32	89 51	447	81D	MID				THOMAS E. PHELPS	NAROA 1 W	5384	04	MACON	1 40 02	88 58	720	4A				LLOYD J. SIMMONS	5384	04	MACON	1 40 02	88 58	720	4A			LLOYD J. SIMMONS		
BELLEVUE SCOTT AFB	0582	02	BOONE	4 42 38	88 52	753	6P					HARRETTES LOCK	HARRETTES LOCK	5372	02	LA SALLE	1 41 20	88 45	486	7A				U S CORPS OF ENGINEERS	5372	02	LA SALLE	1 41 20	88 45	486	7A			U S CORPS OF ENGINEERS		
BENTON FOREST SERVICE	0598	03	HANCOCK	1 40 20	91 07	670	6A					LEWIS E. THURMAN	HASON CITY	5413	04	MASON	1 40 12	89 42	525	6P				VICTOR B. RICKARD	5413	04	MASON	1 40 12	89 42	525	6P			VICTOR B. RICKARD		
BLOOMINGTON WATERWORKS	0761	04	MCLAIN	1 39 02	89 01	775	7A					HAAR R. CRAIN	HATTON	5430	07	COLES	1 39 28	88 21	718	11D	MID				GENE FRICKE	5430	07	COLES	1 39 28	88 21	718	11D	MID			GENE FRICKE
BLOOMINGTON NORMAL	0766	04	MCLAIN	1 40 30	89 00	810	4P					ILL STATE NORMAL UNIV	MCLAINSBORO	5519	09	HAMILTON	5 38 05	88 32	558	7P				F. G. FRAZIER	5519	09	HAMILTON	5 38 05	88 32	558	7P			F. G. FRAZIER		
BLUFFS	0781	06	SCOTT	1 39 45	89 52	517	6P					VERNON A. NORRIS	MEGON	5536	06	MACOUPIN	1 39 10	90 08	620	5P				JOSEPH ACE MCCANCE	5536	06	MACOUPIN	1 39 10	90 08	620	5P			JOSEPH ACE MCCANCE		
BROOKFIELD DAM 52	0899	09	MASKAC	5 37 08	88 39	330	6P					U S CORPS OF ENGINEERS	MILKNOX	5512	04	WOODFORD	1 40 54	89 02	755	7P				HONOR C. RARKS	5512	04	WOODFORD	1 40 54	89 02	755	7P			HONOR C. RARKS		
CABRO Wb CITY	1148	08	ALEXANDER	4 37 00	90 10	314	11D	MID				W. S. WEATHER BUREAU	HOLINE Wb AIRPORT	5751	01	ROCK ISLAND	6 41 27	90 31	582	11D	MID				H. J. U. WEAVER BUREAU	5751	01	ROCK ISLAND	6 41 27	90 31	582	11D	MID			H. J. U. WEAVER BUREAU
CANTON	1250	03	FULTON	1 40 34	89 02	655	6P					FLOYD G. HARMOND	NOMOUTH	5768	03	WARREN	4 40 55	90 38	770	6P				H. PROF. LYLE FINLEY	5768	03	WARREN	4 40 55	90 38	770	6P			H. PROF. LYLE FINLEY		
CARDONALE SEWAGE PL	1268	08	JACKSON	4 37 48	89 12	380	6P					HUGH B. BOYD	HONTEICELLO	5791	05	PIATT	1 40 07	88 34	925	5P				LEE F. GIFFIN	5791	05	PIATT	1 40 07	88 34	925	5P			LEE F. GIFFIN		
CARENSVILLE	1322	02	COOK	4 39 11	89 52	623	6P					JACK A. CARROLL	HORRIS	5820	02	GRUNDY	5 48 26	88 26	700	7A				MAY WEBB	5820	02	GRUNDY	5 48 26	88 26	700	7A			MAY WEBB		
CARLYLE RESERVOIR	1298	08	CLACKSON	2 37 38	90 50	501	8A					U S CORPS OF ENGINEERS	HORRIS 5 N	5825	02	GRUNDY	5 48 26	88 26	700	6P				PHILLIP C. COLLINS	5825	02	GRUNDY	5 48 26	88 26	700	6P			PHILLIP C. COLLINS		
CARMI 6 NW	1296	09	WHITE	7 38 10	88 12	390	6P					HAROLD BOHLER	HORRISON	5841	06	CHRISTIAN	1 39 25	89 28	630	5P				MRS. DOROTHY A. BULLARO	5841	06	CHRISTIAN	1 39 25	89 28	630	5P			MRS. DOROTHY A. BULLARO		
CENTRALIA 2 NE	1386	07	CLAY	1 39 02	89 01	676	6P					CITY OF CENTRALIA	HORRISONVILLE 4 SE	5846	06	CHRISTIAN	1 39 23	89 24	635	7P	TA			H. E. RAUL BEATY	5846	06	CHRISTIAN	1 39 23	89 24	635	7P	TA			H. E. RAUL BEATY	
CHANDLERVILLE	1412	06	CASS	1 41 24	88 17	505	6A					INACTIVE 4/25/63	HORRISONVILLE 4 SE	5846	06	CHRISTIAN	1 39 23	89 24	635	7P	TA			H. CARMEL SEWER DEPT	5846	06	CHRISTIAN	1 39 23	89 24	635	7P	TA			H. CARMEL SEWER DEPT	
CHANDLERVILLE DRESOEN ISL	1422	02	GRUNDY	1 41 24	88 17	505	6A					EASTERN ILL. UNIV.	MOUNT CARROLL	5901	01	CARROLL	4 42 05	89 58	817	6P				JAMES F. MCCRAY	5901	01	CARROLL	4 42 05	89 58	817	6P			JAMES F. MCCRAY		
CHARLESTON	1436	07	COLES	7 39 29	88 11	710	6P					C. NERLE PARRY	MOUNT OLIVE 1 E	5917	06	MACOUPIN	4 39 04	89 42	685	7A				HAROLD HARBURGER	5917	06	MACOUPIN	4 39 04	89 42	685	7A			HAROLD HARBURGER		
CHENOA	1478	04	MCLAIN	1 40 44	88 44	710	5P					ROBERT W. GARRIS	MOUNT PULASKI	5924	04	LOGAN	1 40 01	89 11	645	5P				ALVA BROUN	5924	04	LOGAN	1 40 01	89 11	645	5P			ALVA BROUN		
CHESTER	1491	08	RANDOLPH	4 37 54	89 50	460	7A					CHICAGO SANITARY DIST	MOUNT VERNON	5927	09	JEFFERSON	4 38 19	88 55	500	6P				HOWARD HENRY	5927	09	JEFFERSON	4 38 19	88 55	500	6P			HOWARD HENRY		
CHICAGO CALUMET TR WES2	1522	02	COOK	4 31 40	87 36	593	6P					CITY ENGR WATER PURIF	HOWARD	5950	07	SHELBY	2 39 38	89 02	615	6P				MALDON BOHLER	5950	07	SHELBY	2 39 38	89 02	615	6P			MALDON BOHLER		
CHICAGO LAKEVIEW PWP STA	1532	02	COOK	4 31 58	87 38	594	6P					CHICAGO SANITARY DIST	MURPHYSBORO WATERWORKS	5953	08	JACKSON	4 41 29	89 18	620	5P				ROBERT SCHLEIFER CO	5953	08	JACKSON	4 41 29	89 18	620	5P			ROBERT SCHLEIFER CO		
CHICAGO LYOLA UNIV	1537	02	COOK	4 32 00	87 40	592	6P					CHICAGO SANITARY DIST	NASHVILLE 3 NW	6011	08	WASHINGTON	2 38 23	89 24	640	6P				JOHN A. GREGG	6011	08	WASHINGTON	2 38 23	89 24	640	6P			JOHN A. GREGG		
CHICAGO MAYOR PARK STA	1547	02	COOK	4 31 58	87 38	594	6P					CHICAGO SANITARY DIST	NEWARK 4 E	6032	02	KENDALL	4 41 26	89 46	670	5P				U S CORPS OF ENGINEERS	6032	02	KENDALL	4 41 26	89 46	670	5P			U S CORPS OF ENGINEERS		
CHICAGO NB BR PUMP STA	1547	02	COOK	4 31 58	87 38	594	6P					CHICAGO SANITARY DIST	NEW BOSTON DAM 17	6093	01	NERCE	4 41 11	91 03	580	5A				U S CORPS OF ENGINEERS	6093	01	NERCE	4 41 11	91 03	580	5A			U S CORPS OF ENGINEERS		
CHICAGO OH RIVER AIRPORT	1549	02	COOK	4 31 49	87 41	643						CHICAGO SANITARY DIST	NEW BURNSIDE	6090	08	JOHNSON	5 37 35	88 46	540	5P				MAE MCCABE	6090	08	JOHNSON	5 37 35	88 46	540	5P			MAE MCCABE		
CHICAGO ROSELAND PHGP	1557	02	COOK	4 31 49	87 41	643						CHICAGO SANITARY DIST	NEW SALEM STATE PARK	6194	04	HENARD	1 39 58	89 51	570	8A				DIV. OF PARKS & MEMOR.	6194	04	HENARD	1 39 58	89 51	570	8A			DIV. OF PARKS & MEMOR.		
CHICAGO RACINE PUMP	1557	02	COOK	4 31 49	87 41	643						CITY ENGR WATER PURIF	OLNEY 2 S	6199	07	JASPER	7 39 00	88 10	513	6P				GEORGE H. PAYNE	6199	07	JASPER	7 39 00	88 10	513	6P			GEORGE H. PAYNE		
CHICAGO SAN DIST OFF	1562	02	COOK	4 31 45	87 38	630						CITY ENGR WATER PURIF	OLNEY 2 S	6199	07	JASPER	7 39 00	88 10	513	6P				OLGA STATION W/LN	6199	07	JASPER	7 39 00	88 10	513	6P			OLGA STATION W/LN		
CHICAGO S FILTER PLANT	1564	02	COOK	4 31 55	87 44	630						CITY ENGR WATER PURIF	OLNEY 2 S	6199	07	JASPER	7 39 00	88 10	513	6P				CARNATION COMPANY	6199	07	JASPER	7 39 00								



REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the State Climatologist, P. O. Box 143, Station "A", Champaign, Illinois 61824, or to any Weather Bureau Office near you.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are tens of degrees.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations. Consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

**SNOWFALL:** Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1931-1960.

**DIVISIONS,** as used in this publication, became effective with data for January 1957.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

**DELAYED DATA AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ↔ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- ⚡ Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual, \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.









30 18/0 49/2  
U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS

SEPTEMBER 1964  
Volume 69 No. 9



ILLINOIS - SEPTEMBER 1964

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 98° on the 10+ at 5 stations

Lowest Temperature: 25° on the 29th at Barrington 1 NW

Greatest Total Precipitation: 5.40 inches at Cairo WB City

Least Total Precipitation: 1.11 inches at Mount Olive 1 E

Greatest One-Day Precipitation: 2.32 inches on the 18th at Makanda  
1 NW

SPECIAL WEATHER SUMMARY

There was no precipitation of consequence in most of Illinois until after the middle of the month. Excessively high temperatures and strong winds during this period increased moisture losses and aggravated an intermittent dry regime started in July over much of south and central Illinois. Heavy rains during a 10-day period in late September, especially on the 26th and 27th, brought the monthly total to about normal over most of the State. The East,

West Southwest, and East Southeast Divisions, which had been hardest hit by earlier 1964 dry periods, received only 60 to 70 percent of normal precipitation.

William L. Denmark  
Weather Bureau State Climatologist  
Weather Bureau Office  
P. O. Box 143 - Station "A"  
Champaign, Illinois 61824

# CLIMATOLOGICAL DATA

ILLINOIS  
SEPTEMBER 1964

Station	Temperature											Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days				
										Max.	Min.	10° or Above	11° or C					11° or Below	0° or Below	Total	Max. Depth on Ground	Date	1.0 or More	.50 or More	1.00 or More
<b>NORTHWEST 01</b>																									
ALEDO	77.6	54.2	65.9	-.04	94	3	35	28	101	5	0	0	0	3.91	-.68	1.38	23	.0	0	0	7	3	2		
DIXON	76.9	53.3	65.1	-.1	92	9	34	28	107	5	0	0	0	3.16	-.13	1.30	23	.0	0	0	6	2	1		
FREEPOT	73.6	52.1	67.9	-.3	90	9	30	28	146	1	0	1	0	1.46	-1.92	.68	23	.0	0	0	4	1	0		
FULTON DAM 13	74.6	55.1	64.9		89	9	35	28	104	0	0	0	0	2.79		.91	23	.0	0	0	5	2	0		
GALVA	78.4	54.2	66.3	.1	94	3	39	28	82	6	0	0	0	4.41	1.40	1.90	27	.0	0	0	8	2	1		
<b>DIVISION</b>																									
			64.8	-.3										3.30	.09			.0							
<b>NORTHEAST 02</b>																									
ANTIUCH	74.2	52.4	63.3		91	9	35	28	136	2	0	0	0	3.84		1.46	22	.0	0	0	5	4	1		
AURORA COLLEGE	75.8	52.5	64.2	-.1	92	10	35	28	125	5	0	0	0	4.19	.93	1.10	23	.0	0	0	7	4	1		
BARRINGTON 1 NW	76.6	49.8	63.2		92	10	25	29	146	4	0	2	0	3.29		.81	23	.0	0	0	9	2	0		
CHICAGO O HARE AIRPORT	75.4	51.1	63.3	-.3	94	9	32	29	148	5	0	2	0	3.96	-1.22	1.18	22	.0	0	0	7	3	2		
CHICAGO UNIVERSITY //R	75.1	57.2	66.2	.0	95	9	45	29	95	5	0	0	0	2.57	-.20	.91	26	.0	0	0	4	2	0		
CHICAGO WB AIRPORT //R	75.9	55.8	65.9	-.2	94	10	40	28	101	5	0	0	0	2.50	-.23	.84	26	.0	0	0	5	3	0		
CHICAGO WB CITY R	72.5	59.8	66.2	-1.0	92	9	46	27	91	5	0	0	0	3.52	.80	.97	26	.0	0	0	5	4	0		
JOLIET	78.6	54.1	66.4		95	7	35	28	87	6	0	0	0	2.42		.70	26	.0	0	0	7	1	0		
MARENGO	76.8	51.0	63.9		94	9	32	28	133	5	0	1	0	3.64		1.12	23	.0	0	0	8	3	1		
MORRIS 5 N	77.8	51.5	64.7	-1.2	95	9	33	13	111	5	0	0	0	2.71	-.09	1.40	26	.0	0	0	5	2	1		
OTTAWA	79.5	54.6	67.1	.6	95	8	36	28	81	7	0	0	0	3.42	.41	1.75	26	.0	0	0	5	2	1		
PARK FOREST	75.5	54.6	65.0		94	9	37	28	119	5	0	0	0	4.58		1.82	20	.0	0	0	6	3	2		
PERU SEWAGE PLANT	77.5	53.6	65.5	-1.8	93	9	35	28	108	6	0	0	0	3.57	.57	1.27	26	.0	0	0	6	3	1		
SYCAMORE	76.9M	51.2M	64.1M	.2	94	8	34	28	131	6	0	0	0	4.48	1.18	1.60	23	.0	0	0	7	4	1		
WAUKEGAN 2 WNW	73.1	54.7	63.9	-.4	93	3	36	28	135	2	0	0	0	3.88	.87	1.51	23	.0	0	0	8	2	1		
WHEATON COLLEGE	77.0	53.5	65.3		93	7	36	29	107	5	0	0	0	3.75		1.44	26	.0	0	0	7	2	1		
<b>DIVISION</b>																									
			64.9	-.4										3.52	.61			.0							
<b>WEST 03</b>																									
GALESBURG	76.4	54.3	65.4		91	10	39	29	103	4	0	0	0	4.63	-1.58	1.73	26	.0	0	0	7	3	2		
GOLDEN 1 NW	79.6	54.9	67.3		92	10	35	28	81	7	0	0	0	2.41	.90	.59	22	.0	0	0	5	2	0		
LA HARPE	80.1	55.8	68.0		93	3	39	28	67	7	0	0	0	3.90	.57	.87	23	.0	0	0	6	4	0		
MONMOUTH	78.4	54.2	66.3	-.1	93	3	34	28	95	6	0	0	0	5.09	1.80	1.37	26	.0	0	0	8	6	1		
QUINCY	80.4	58.9	69.7	.0	94	8	39	28	51	6	0	0	0	2.95	-.58	.90	17	.0	0	0	5	2	0		
QUINCY FAA AIRPORT	78.3	56.7	67.5		94	10	39	28	75	6	0	0	0	2.77		1.00	17	.0	0	0	4	2	1		
RUSHVILLE	82.0	55.4	68.7	.8	95	10	40	29	50	8	0	0	0	2.39	-.66	.80	26	.0	0	0	6	1	0		
<b>DIVISION</b>																									
			67.6	.1										3.45	.22			.0							
<b>CENTRAL 04</b>																									
BLOMINGTON NORMAL	79.5	56.6	68.1	.5	92	10	40	28	74	5	0	0	0	2.63	-.44	.86	27	.0	0	0	4	2	0		
CHENOA	77.8M	52.3M	65.1M		93	10	32	13	109	6	0	1	0	3.15		.78	18	.0	0	0	6	4	0		
DECATUR	80.7	56.4	68.6	-.1	95	7	40	29	66	7	0	0	0	2.95	-.20	.94	18	.0	0	0	5	3	0		
FARMER CITY	79.0M	52.4M	65.7M		94	10	32	13	96	5	0	1	0	4.13		1.80	27	.0	0	0	5	3	2		
HAVANA	81.4	55.2	68.3	.3	95	10	37	13	66	9	0	0	0	2.57	-.45	.69	18	.0	0	0	6	2	0		
LACON 1 E	78.7	54.3	66.5		94	10	35	28	95	7	0	0	0	4.13		1.63	26	.0	0	0	7	3	1		
LINCOLN	80.9	54.4	67.7	.0	95	10	37	13	75	8	0	0	0	1.88	-1.10	.88	27	.0	0	0	4	2	0		
MASON CITY	78.9	53.8	66.4		93	10	38	28	97	5	0	0	0	3.16		1.15	18	.0	0	0	4	3	2		
MINONK	80.7	53.4	67.1		97	10	37	28	82	8	0	0	0	3.05	.20	.98	26	.0	0	0	6	2	0		
PEORIA WB AIRPORT //R	76.8	54.0	65.4	-1.0	93	10	38	28	108	5	0	0	0	3.63	.58	1.94	26	.0	0	0	6	2	1		
PRINCEVILLE 1 N	77.9M	54.0M	66.0M		92	9	35	28	93	0	0	0	0	2.51	-.53	.95	26	.0	0	0	4	2	0		
<b>DIVISION</b>																									
			66.8	-.9										3.07	.12			.0							
<b>EAST 05</b>																									
DANVILLE	80.3M	52.7M	66.5M	-.4	95	7	35	14	77	0	0	0	0	1.54	-1.70	.66	18	.0	0	0	4	1	0		
HOOPESTON	77.8	53.3	65.6	-1.4	93	10	34	13	103	4	0	0	0	2.26	-.85	.69	18	.0	0	0	5	2	0		
KANKAKEE 3 SW	79.9M	52.5	66.2M	.1	95	9	35	13	98	7	0	0	0	2.85	-.34	1.33	27	.0	0	0	6	1	1		
PONTIAC	81.4	55.2	68.3	1.4	94	10	39	28	72	8	0	0	0	2.03	-.81	.83	27	.0	0	0	4	2	0		
RANTOUL CHANUTE AFB	75.9	54.6	65.3		92	10	39	28	103	5	0	0	0					.0	0	0					
ROBERTS 3 N	81.3M	53.5	67.4M		98	10	35	13	66	4	0	0	0	1.96	-.76	1.38	27	.0	0	0	4	1	1		
URBANA	78.3	55.8	67.1	-.2	93	10	41	13	79	6	0	0	0	2.18	-.86	.79	26	.0	0	0	5	1	0		
WATSEKA 2 NW	78.8	52.5	65.7		95	10	34	13	106	6	0	0	0	2.77	.04	.93	26	.0	0	0	5	3	0		
<b>DIVISION</b>																									
			66.5	-.1										1.99	-.83			.0							

See Reference Notes Following Station Index

# CLIMATOLOGICAL DATA

ILLINOIS  
SEPTEMBER 1964

Continued

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			
										90° or Above	84° or 34° or Below	77° or Below	6° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
																								Max.
* * * * *																								
WEST SOUTHWEST 06																								
ALTON OAM 26	80.3	60.0	70.2	-	98	10	45	28	36	5	0	0	0	1.30	-	.54	18	.0	0			3	2	0
CARL INVILLE	82.7	54.7	68.7	-.4	96	10	35	28*	62	9	0	0	0	2.38	-.64	1.15	27	.0	0			1	1	1
GRIGGSVILLE	81.2	57.3	69.3	.2	97	10	42	28	52	9	0	0	0	3.05		1.18	18	.0	0			2	2	1
HILLSBORO	81.1	55.8	68.5	-.5	94	10	39	14*	68	6	0	0	0	1.24	-1.63	.62	27	.0	0			2	2	0
JACKSONVILLE	80.5	55.0	67.8	-.5	96	10	36	28*	72	7	0	0	0	1.73	-1.30	.50	18	.0	0			2	1	0
* * * * *																								
JERSEYVILLE	82.3	54.7	68.5		95	10	36	13	70	6	0	0	0	1.81		1.16	27	.0	0			2	1	1
MORRISONVILLE 4 SE	80.6	54.6	67.6	-.5	94	10*	36	13	70	7	0	0	0	1.56	-1.23	.58	18	.0	0			4	1	0
PANA	78.6	56.5	67.6	-1.0	91	10*	40	13	67	4	0	0	0	1.41	-1.58	.47	17	.0	0			2	2	0
SPRINGFIELD WB AIRPORT R	81.3	56.6	69.0	1.4	97	10	39	13	66	8	0	0	0	1.24	-1.69	.82	17	.0	0			4	0	0
VIRGEN 1 SSW	82.3	54.7	68.5		97	10	37	13	64	9	0	0	0	2.19		1.27	27	.0	0			4	1	1
WHITE HALL 1 E	80.4	56.3	68.4	-.7	95	10	40	29*	65	6	0	0	0	2.11	-.70	.75	18	.0	0			6	2	0
DIVISION																								
			68.6	-.2										1.82	-1.05			.0						
* * * * *																								
EAST SOUTHEAST 07																								
CHARLESTON	81.3	56.7	69.0		96	10	41	13	58	8	0	0	0	1.54	-1.63	.82	18	.0	0			3	1	0
EFFINGHAM	82.1	56.6	69.4	-1.2	96	10	40	14*	55	9	0	0	0	1.30	-1.81	.85	18	.0	0			2	1	0
FLORA 2 NW	82.3	54.6	68.5	-1.0	94	10*	35	14	48	6	0	0	0	2.11		1.25	18	.0	0			5	1	1
MARSHALL 1 E	81.7	51.5	66.6		96	10	34	14	71	8	0	0	0	1.35		.67	18	.0	0			4	1	0
MATTOON	79.4	56.0	67.7		94	10	39	14	69	6	0	0	0	1.61		.56	18	.0	0			5	1	0
* * * * *																								
MONROE	81.4	54.3	67.9		96	3	36	14	72	8	0	0	0	1.78		.85	18	.0	0			5	1	0
NEWTON	80.9	56.4	68.7		93	10*	38	14	52	6	0	0	0	1.32		.54	18	.0	0			3	1	0
OLNEY 2 S	83.9	55.3	69.6	-.4	97	7	35	14	40	8	0	0	0	1.22		.94	18	.0	0			3	1	0
PALESTINE	82.3	55.7	69.0		98	7	37	14	48	8	0	0	0	2.25	-1.17	.86	20	.0	0			4	2	0
PARIS WATERWORKS	80.6	55.5	68.1	-.2	96	10	38	14	67	6	0	0	0	2.34	-.84	.93	22	.0	0			5	2	0
* * * * *																								
SALEM	82.2	55.4	68.8		95	10*	39	14	47	7	0	0	0	2.66	-.51	1.12	18	.0	0			6	1	1
TUSCULA	78.8M	54.8M	66.8M		93	10*	35	13	87	7	0	0	0	1.96	-1.29	1.05	19	.0	0			3	2	1
VANDALIA FAA AIRPORT	80.8	53.2	67.0		95	10	36	14	71	6	0	0	0	1.35		.59	17	.0	0			3	1	0
WINOSOR	82.8	56.1	69.5	1.4	95	7	35	13	49	7	0	0	0	1.33	-1.89	.64	18	.0	0			4	1	0
DIVISION																								
			68.3	-.4										1.72	-1.47			.0						
* * * * *																								
SOUTHWEST 08																								
ANNA 1 E	81.5	57.5	69.5	-1.2	94	10	44	25	47	6	0	0	0	4.62	.94	1.92	18	.0	0			5	3	2
BELLEVILLE SCOTT AFB	79.2	57.1	68.2		94	10	43	14*	60	5	0	0	0	3.67		2.08	17	.0	0			5	1	1
CAIRO WB CITY	81.5	62.5	72.0	-.5	93	10	50	14	20	6	0	0	0	5.40	2.39	2.07	27	.0	0			5	3	3
CARBONDALE SEWAGE PL	83.7	56.9	70.3	-.2	95	10	37	14	41	7	0	0	0	3.31	-.16	1.78	18	.0	0			5	2	1
CARLYLE RESERVOIR	81.2	55.7	68.5		95	11	40	13	63	6	0	0	0	1.38		.72	18	.0	0			3	1	0
* * * * *																								
COBEN 2 S	81.6	56.0	68.8		92	10	39	14	47	6	0	0	0	4.59		1.76	18	.0	0			5	4	2
OU CLUIN 2 S	82.1	57.0	69.6	-1.0	95	10	38	14	46	8	0	0	0	4.24	.90	1.36	18	.0	0			4	1	0
FAST ST LOUIS PKS COL	82.8M	59.3M	71.1M		96	10	45	30*	37	6	0	0	0	1.33		.53	27	.0	0			4	1	0
MAKANDA 1 NW	81.5M	58.5M	70.0M		93	10	42	13	47	5	0	0	0	4.59		2.32	18	.0	0			4	3	2
NASHVILLE 3 NW	80.9	55.6	68.3		96	10	38	13	57	5	0	0	0	1.90	-1.32	.64	18	.0	0			5	1	0
* * * * *																								
NEW BURNSIDE	83.1	56.9	70.0	-.3	95	10	38	14	47	9	0	0	0	3.64	-.19	1.32	18	.0	0			5	2	2
SPARTA	82.6	57.7	70.2	-1.3	93	10	40	13	39	5	0	0	0	2.40	-.83	.92	21	.0	0			4	3	0
WATERLOO 1 WSW	82.9	57.4	70.2		98	6	41	30	42	6	0	0	0	2.54	-.78	.72	22	.0	0			6	3	0
DIVISION																								
			69.7	-.9										3.35	-.01			.0						
* * * * *																								
SOUTHEAST 09																								
ALBION	84.6	57.8	71.2		97	10*	45	14*	30	10	0	0	0	2.28		1.15	18	.0	0			5	1	1
BROOKPORT OAM 52	82.0	56.2	69.1		95	10*	39	14	40	6	0	0	0	4.58	1.09	1.61	28	.0	0			6	3	2
ELIZABETHTOWN	81.4	55.7	68.6		92	10*	35	14	56	6	0	0	0	4.64		1.52	18	.0	0			6	3	3
FAIRFIELD RADIO WFIW	82.1	54.9	68.5	-1.8	95	7	35	14	44	8	0	0	0	1.98		1.36	18	.0	0			3	1	1
HARRISBURG	85.6	56.5	71.1	.1	98	10*	36	14	31	15	0	0	0	3.66	.73	1.65	18	.0	0			6	3	1
* * * * *																								
MCLEANSBORO	83.3	56.4	69.9	-1.1	97	10	39	14	41	9	0	0	0	2.23	-1.26	1.12	18	.0	0			5	2	1
MOUNT CARMEL NO 2	82.7	55.8	69.3		97	9	44	30*	48	9	0	0	0	2.35		1.20	18	.0	0			6	1	1
MOUNT VERNON	82.4	56.7	69.6	-.9	95	10	40	14	43	7	0	0	0	3.31	-.15	1.55	19	.0	0			5	2	2
DIVISION																								
			69.7	-1.0										3.13	-.09			.0						

See Reference Notes Following Station Index



# DAILY PRECIPITATION

ILLINOIS  
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Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<b>NORTHWEST 01</b>																																	
ALEDO	3.91					.22												.06	.10	.38	T		.11		1.38	T						1.02	.64
DIXON	3.16																				T		.18	.07	.27	.28	1.30					.03	.90
FREEDPORT	1.48																						.29	.02	.25	.04	.48				.01	.14	.24
FREEDPORT SEWAGE PLANT	2.79																						.20		.36	.04	T					T	.20
FULTON DAM 13	2.79				.02				.05									.44	.08	.20	.02	.03	.91										
<b>GALENA</b>	2.36	.30																					.40	.03	.21	.08	.62	.14				.05	.07
GALVA	4.41			.03				.13	.33		.05											.14	.10	.42	.58	.19	.99					1.90	
GENESEO	4.26					.16				.10	.08										T	.22	.01	.43	.02	.20	.05	.17			.10	1.24	.46
HENNEPIN POWER PLANT	3.60					.05				.10	.09										T	.04	.05	1.21	T	.04	.04	.43			.02	1.34	.19
ILLINOIS CITY DAM 16	2.11					.02		.12			.18											.01	.28	.03	.07	.07	.02	.74			T	.02	.55
<b>KEITHSBURG 1 NW</b>	3.75					.03		.21			.05											.19	T	.58	T	.04	T	1.68	.02	T		.98	
KEWANEE	3.62					.01					.17	T					.08					.23	.59	.01	.24	.13	.97					.87	.49
KOLINE WB AIRPORT	3.99																					.93	.01	.13	.03					.44	1.07	.22	
MORRISON	2.79																					.31	.14	.20	.01	T						.02	.14
MOUNT CARROLL	1.75																																
<b>NEW BOSTON DAM 17</b>	3.27					.04	.16				.04											.03	.01	.76	T	.24	.02	1.10			T	T	.83
PAW PAW	3.88					.06					.06											.17	.78	.04	.22	1.51	T			T	T	1.04	
ROCHELLE 1 W	3.48					.03					.07	.24										.09	.08	.12	.45	1.50					.06	.84	
ROCKFORD 6 ENE	2.79										.08	.24										.35	.29	.47	.22	.62						.40	
ROCKFORD WB AIRPORT	3.32					.01	T				.08	.24									T	.01	.22	T	.54	.63	1.04	T		.06	.73		
<b>STOCKTON</b>	1.71					.11		.06			.08												.43	.60	T	.43					.08		
TISKILWA	3.60					.07					.23	.05										.06	.10	.50		.31	.07	.50			1.36	.35	
WALNUT	4.32					.15					.08							.31	.06	.10	.50		.35	.18	.12	.21	T			T	.67	.35	
<b>NORTHEAST 02</b>																																	
ANTIOM	3.84					.02					.86										T		.59		1.46		T	T	.02	.81	.44	T	
AURORA COLLEGE	4.19					.01	.06	T			.33											.55	.01	.74	.10	.02	1.10					.41	.22
BARRINGTON 1 NW	3.29										.11		.10									.47		.35	.58	.24	.81					1.83	
CHANNAMON DRESSEN ISL	3.05										.38										T		.20	.12	.02	.03	.24						
CHICAGO O HARE AIRPORT	3.96					.01	.03	T			.64	T										.36	T	.38	.13	1.18	.17	.01	.01	1.04			
<b>CHICAGO UNIVERSITY</b>	2.57							.02			.45	T									T	.47	T	.53	.09	.08	T	T	.01	.91			
CHICAGO WB AIRPORT	2.30										.21	T										.55	T	.87	.02	.20	T	T	.01	.84	T		
CHICAGO WB CITY	3.52										.80	T									T	.05	T	.53	.02	.86	.08	.16	.01	.01	.97		
ELGIN	4.04							.09			.17										T	.04	.49	1.29	.35	.69				7	.03	.89	
JOLIET BRANSON RO DAM	2.23										.22										T	.11	.32	.12	.10	.14						1.22	
<b>JOLIET</b>	2.42										.45											.62	.02	.18	.10	.15					.70	.40	
LA SALLE 1 S	3.73										.25											.40	.43	.03	.11	1.15					.08	1.28	
WARENGO	3.64										.21										T	.01	T	.53	.28	.42	1.12	T			.69	.21	
MARSEILLES LOCK	3.36										.43										T	.01	T	.64	.14	T	.03	.40	T		2.00		
MORRIS	3.16										.43										T	.31	.33	.04	.04	.06	.27					1.68	
<b>MORRIS 3 N</b>	2.71										.09											.05		.13	.41	.03	.13	.05	.14		1.40	.24	
NEWARK 8 E	2.36										.17													.13	.41	.05	.15	.35				1.10	
OTTAWA	3.42										.06	.11									T	T	T	.87	.03	.01	.45			.01	1.75	.13	
PARK FOREST	4.58										.60													.38	1.82	.07	.18				1.35	.10	
PEOTONE	3.31										.75											7		.54	T	.05	.36	.15	.20			.93	.33
<b>PERU SEWAGE PLANT</b>	3.57					.01					.26	T									T	T	.17	.87	T	.10	.83			.06	1.27		
STREATOR 3 N	3.10										.11	.14										.04		.17	.02		.60	.12		.06	1.21	.36	
SYCAMORE	4.48										.31	.13	.13										.77	.02		.60	1.40				.87	.20	
UTICA STARVED ROCK DAM	4.27										.30												.69	.84	.14	T	.57				.03	1.17	
WALKERGAN 2 WNW	3.88	T						.40	.01		.31	.01								T		.68	.02	.14	.23	.01	1.51	T	.01	.38	.17		
<b>HEATON COLLEGE</b>	3.75							.01	.02		.15	.04								T	T	.35		.77	.39	.36	T	1.44	.21	.01			
<b>WEST 03</b>																																	
AVON 5 NE	2.34					.04	.18																.04	.43	.27	.01	.04	.42			T	.93	
BENTLEY	2.74					.63																.23	T	.70	T	.04	.18	.60			1.60	.34	
CANTON	3.76										.05											.31	.38	.06	.62	.15	.05	1.05			1.73		
GALESBURG	4.87					.26	.39															.06	.06	.89	.18	.31	T	.71	T	T	2.05		
GLASTONE DAM 18	2.41					.05					.08											.01	.57	.24		.02	.09	.59			.43	.42	
GOLDEN 1 NW	3.90					.75					.08												.09	.82	.12		.09	.87			1.21	.82	
LA HARDE	3.10					.16					.02											.08	.35	.55		.02	.56			.81	.59		
MACOMB	5.09					.52					.04											.29	.10	.58	.09	.01	.88	.57	7	1.37	.64		
MONMOUTH	2.63										.01											.14	.26	.69		.34	.01	.48			.33	.37	
MOUNT STERLING	2.63										.01																						
<b>PAYSON</b>																																	

# DAILY PRECIPITATION

ILLINOIS  
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Continued

Station	Total	Day of Month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
EAST SOUTHWEST 06																																		
ALTON DAM 26	1.30															.01	T	.01	.54	.05		.12	.03	.01				T			.53			
BARRY	2.78																	.40	.02	.63	.12		.18	.25	.30			T			.88			
BLUFFS	2.42																	.03	.24	.52			.88	.17						.35	.43			
CARLINVILLE	2.38											.14		T			.03	.09	.25	.40	T	.02	.03						.27	1.15				
EDWARDSVILLE	1.84																	.02	T	.39			.34	.26				T		.82				
GRAFTON	1.72																	.07		.05	.55	T		.20						.85				
GREENVILLE I E	1.55											.05	.02				.02	.01	.75	.02	.05		.03							.60				
GRIGGSVILLE	3.05																.22	.08	1.18				.88	.18	.40				.31					
HARDIN	3.38																.11	.45	1.05				.75						.45	.10				
HILLSBORO	1.24																	.04		.58											.62			
JACKSONVILLE	1.73																.10	.22	.50				.21		.25				.38	.07				
JERSEYVILLE	1.91																.04	.01	.44	.01			.02	.01					.04	1.16				
MEGARA	2.28																.08	.07	.30				.07	.04	.03				.25	1.26				
MORRISONVILLE 4 SE	1.56																	.06	.58										.19	.26				
MOUNT OLIVE I E	1.11																.05		.46											.60				
PANA	1.41																	.82	.02				T	.03			T	.54						
PLEASANT HILL	2.73																.03	.68	.65			.01	.72	.09	.01				.31	.16				
ROCKPORT	2.20																.85	.20					.65						.50					
SPRINGFIELD WB AIRPORT R	1.24																.04	.49	.10				T	.02	.23				.33	.03				
TAYLORVILLE	1.80																	.03	.82	.02									.01	.89				
VIROEN I 5SW	2.19																.01	.03	.32			T	.17	T	.01				.35	1.27				
VIRGINIA	1.70																.05	.03	.46	T		.02	.03	T	.43				.40	.28				
WHITE HALL I E	2.11																.10	.10	.75			.13	T		.01				.26	.07				
EAST SOUTHEAST 07																																		
CENTRALIA 2 NE	2.18																.39						.01	.32						.44				
CHARLESTON	1.54																	.82		.07					.21				.44					
EFFINGHAM	1.30																.02		.85	.09			T	T	.02				.32					
FLORA 2 N	2.11																.25	.13	1.25	.03			.27	.01	.01				.05	.11				
GREENUP	2.95																		.81				1.60						.24	.30				
HUTSONVILLE POWER PL	1.57																	.80		.03				.03	.36					.30	T			
LAWRENCEVILLE 3 WSW	1.34																	.07	.98				.08	.01					.20	T				
MARSHALL I E	1.35																	.12	.67	.04		.01	.02		.15				.09	.25				
MATTOON	1.61																	.01	.41	.56				.04	.14				.32	.13				
MOEWAQUA	1.78																	.04	T	.85	T		.02	.02	.14				.30	.31				
NEWTON	1.32																			.54			.42	T	T	.08			.09	.19				
OLNEY 2 S	1.22																	.05	.94				.10		.40				.10					
PALESTINE	2.25																	.08	.78				.86	.03	.40									
PARIS WATERWORKS	2.34																	.30		.70	T			.93					.17	.24				
SAINTE MARIE	1.54																	.82	.02				.33	.18	.02									
SALEM	2.66																	.40		.30	1.12		.02	.09	.21	.02			.11	.39	T			
TUSCOLA	1.96																		T				1.05	.07	T	.10				.66				
VANDALIA FAA AIRPORT	1.35																	.05		T	T		.03	T					.34	.27				
WILCOX	1.40																			1.05			.20	.15										
WINDSOR	1.33																			T	T	.64		.02	.11				.25	.31				
SOUTHWEST 08																																		
ANNA I E	4.62																		.97	1.92			.39	.11					1.23	T	T			
BELLEVILLE SCOTT AFB R	3.67																	.47		2.08	.03		T	.46	T			.23	.33					
CAIRO WB CITY	5.40																		1.68	.02			1.41	.10				2.07	.12					
CARBONDALE SEWAGE PL	3.31																		.03	1.78	.22			.20	.04				.90	.14				
CARLYLE RESERVOIR	1.38																			.72	.05			.02	.02				.37	T				
CHESTER	2.69																		.06	1.03				1.20	.05				.05	.30				
COBEN	4.59																		.03	1.76			.62	.08					1.19					
OU QUOIN 2 S	4.24																		.46	1.36	.24		1.00	.18				.50	.50		.11			
EAST ST LOUIS PKS COL	1.33																		.21	.06			.34	T					.53					
GRAND TOWER 2 N	4.47																		.05	2.05	.25	T	T	1.34	.27				.45	.06	T			
MAKANOA I NW	4.59																		.64	2.32			.45	.08					1.02	.08				
MARION 2 W	3.84																		.19	2.00			.51	.12					.91	.11				
NASHVILLE 3 NW	1.90																		.07	.64	.13			.21	.02				.39					
NEW BURNSIDE	3.64																		.21	1.32	.01		.48	.01	.02				1.25	.34				
PRAIRIE DU ROCHER 1WSW	3.40																			.65				2.27					T	.35				
REG BUO	2.70																		.64		.43	.13		1.05	.45									
SPARTA	2.40																		.03	.58	T		.92	.07					.09	.15				
WATERLOO I WSW	2.54																		.28	.23			.01	.58	.01				.03	.50				
SOUTHEAST 09																																		
ALBION	2.28																			.24	1.15			.22					.31	.35				
BENTON FOREST SERVICE	3.70																			1.35		.90		.23	.65	.06			.51					
BROOKPORT DAM 52	4.58																			1.95	.16			.63	.15				.44	1.61	.04			
CARM 1 6 NW	2.61																			.32	.85			.58	.09				.74	.03				
ELIZABETHTOWN	4.64																			.23	1.52	.43		1.04	.03									

# DAILY TEMPERATURES

ILLINOIS  
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Station	Day of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX MIN	82 56	92 62	94 67	89 66	82 52	77 58	90 66	90 68	91 66	89 66	70 53	63 42	73 38	83 51	77 51	71 50	72 58	68 56	77 62	87 64	82 64	74 62	72 50	64 43	78 46	75 57	63 38	63 35	68 37	71 40	77.6 54.2	
DIXON	MAX MIN	82 53	90 57	90 65	86 65	78 59	72 60	91 64	90 70	92 66	86 66	69 52	67 42	73 38	80 44	74 50	70 45	81 54	71 58	75 61	87 58	79 63	78 59	73 63	67 52	48 48	77 41	67 56	59 40	64 34	69 35	71 41	76.9 53.3
FREEPORT	MAX MIN	75 55	87 57	89 69	76 66	74 48	89 59	82 61	90 71	82 65	67 65	68 49	66 41	68 33	76 43	66 48	71 42	76 51	72 58	75 61	80 58	76 63	75 59	68 52	61 48	73 41	66 58	60 40	62 30	67 33	68 40	73.6 52.1	
FULTON DAM 13	MAX MIN	79 55	89 57	89 68	83 69	78 55	75 59	89 66	84 73	89 66	82 67	69 63	65 49	70 39	78 46	68 51	71 47	70 56	66 57	72 62	80 61	75 63	78 58	70 50	62 42	74 42	67 56	64 40	63 35	70 37	70 44	74.6 55.1	
GALVA	MAX MIN	82 54	91 56	94 64	88 67	80 50	78 58	91 65	90 68	92 65	90 65	78 54	67 44	72 40	82 45	72 52	76 50	70 56	77 62	88 62	81 65	76 63	74 52	66 49	66 49	79 44	72 56	72 40	64 39	67 41	71 45	78.4 54.2	
GENESEO	MAX MIN	82 52	90 57	93 69	89 68	79 52	75 60	90 60	91 70	92 67	89 69	71 55	67 43	72 37	81 49	78 53	68 49	74 57	71 57	76 63	86 61	82 66	76 63	73 50	65 49	79 41	71 57	62 40	63 36	68 30	70 41	77.4 54.7	
HENNÉPIN POWER PLANT	MAX MIN	82 53	92 54	94 63	90 68	80 49	80 60	94 62	93 67	94 63	94 66	75 56	68 40	71 38	81 39	77 53	67 49	81 57	67 63	76 63	90 59	83 63	78 64	77 56	67 51	79 39	71 57	63 43	63 33	68 35	71 38	78.9 53.4	
Kewanee	MAX MIN	82 55	91 58	94 65	92 69	80 55	79 59	92 66	91 70	93 68	91 68	82 54	67 43	71 42	82 48	79 52	75 45	79 60	75 60	88 67	86 50	80 63	74 53	68 50	68 49	79 44	75 56	62 40	63 38	67 40	69 45	79.2 55.3	
MOLINE WB AIRPORT	MAX MIN	83 55	91 61	94 72	80 58	79 49	77 60	91 66	89 68	92 68	87 68	67 44	72 48	82 37	82 49	71 53	71 52	71 59	69 63	87 63	79 65	76 64	71 55	66 46	60 45	69 45	62 40	69 35	72 36	72 42	76.8 54.3		
MORRISON	MAX MIN	80 52	90 56	92 66	90 68	77 47	77 58	87 64	90 68	91 61	78 51	66 39	66 39	70 33	81 39	77 50	70 46	75 51	74 56	84 60	78 58	84 61	77 62	60 48	66 37	71 56	62 43	63 30	67 32	69 37	77.8 51.7		
MOUNT CARROLL	MAX MIN	77 52	88 52	89 55	86 65	75 49	73 59	88 62	85 71	89 64	86 66	68 50	64 40	68 42	77 48	69 49	71 44	74 50	72 57	73 61	81 58	78 63	74 59	71 52	62 49	73 40	67 58	61 40	66 30	68 33	68 39	74.4 51.9	
PAW PAW	MAX MIN	78 52	75 52	88 54	80 61	76 49	75 50	70 67	88 60	90 65	90 63	65 49	68 38	65 33	79 42	79 45	68 44	68 57	78 57	84 60	73 58	75 62	76 58	66 46	61 41	73 41	67 39	60 36	62 36	62 42	73.9 50.1		
ROCHELLE 1 W	MAX MIN	80 49	77 55	88 58	91 65	79 45	77 53	72 61	90 68	89 66	91 65	86 49	65 38	65 33	68 42	78 47	80 57	65 42	72 47	80 57	78 62	84 62	78 62	75 51	68 46	63 38	75 45	75 39	57 32	61 33	66 35	75.2 50.0	
ROCKFORD WB AIRPORT	MAX MIN	75 52	86 55	90 63	76 55	75 46	68 57	89 63	86 66	90 66	83 66	67 43	71 46	78 44	65 46	73 42	82 45	61 46	82 57	76 60	83 66	77 64	78 63	68 53	66 44	74 49	68 41	68 36	67 31	67 35	74.0 51.3		
STOCKTON	MAX MIN	79 53	88 62	90 65	76 49	76 60	88 63	86 62	86 69	92 62	65 47	66 41	69 47	74 47	70 53	73 57	80 59	73 63	73 61	78 54	80 60	73 66	74 49	60 46	74 41	73 58	63 38	73 34	69 40	73 43	69 46	73.8 52.3	
TISKILWA	MAX MIN	83 52	93 55	96 64	89 68	82 48	81 59	94 63	94 63	95 63	95 69	78 54	68 40	73 35	83 41	80 52	68 48	81 57	67 58	76 58	91 63	86 63	78 63	76 56	75 52	80 39	72 57	61 44	68 32	71 33	71 37	80.1 52.6	
WALNUT	MAX MIN	80 55	91 56	93 66	87 68	80 59	77 60	91 64	91 70	92 67	90 69	73 51	67 40	73 39	82 47	76 50	81 47	71 57	76 61	88 64	84 64	77 62	73 52	65 49	78 42	69 56	60 40	64 37	68 39	70 43	77.8 54.1		
* * *																																	
NORTHEAST 02																																	
ANTIOCH	MAX MIN	73 54	84 54	90 65	82 66	72 50	70 55	89 63	87 73	91 65	88 69	70 50	68 41	69 42	77 47	59 48	72 44	82 51	69 59	72 58	79 56	80 59	68 52	66 41	70 38	65 58	65 41	59 35	68 36	65 44	74.2 52.4		
AURORA COLLEGE	MAX MIN	77 51	89 55	91 63	80 59	79 46	74 55	91 65	90 68	92 66	92 62	67 52	67 43	70 37	80 41	70 51	83 46	70 46	84 59	77 61	82 64	75 64	69 59	61 46	75 49	67 41	60 35	67 42	68 36	68 41	75.8 52.5		
BARRINGTON 1 NW	MAX MIN	76 48	84 52	90 64	89 64	77 45	75 60	89 62	90 67	91 62	83 48	74 39	68 33	76 43	76 55	68 39	83 48	83 56	72 57	79 62	82 69	79 52	75 44	67 40	66 54	66 40	59 28	65 25	65 37	65 40	76.6 49.8		
CHICAGO O HARE AIRPORT	MAX MIN	72 51	81 49	94 67	82 53	79 46	71 53	94 65	92 65	94 68	93 65	65 40	65 37	80 42	82 53	68 45	84 49	69 61	75 62	81 56	85 65	78 64	70 54	61 49	61 54	74 49	68 58	61 35	62 32	67 36	65 41	75.4 51.1	
CHICAGO UNIVERSITY	MAX MIN	67 60	89 59	95 64	87 66	73 59	73 63	95 67	95 73	95 70	93 67	67 54	66 43	71 48	80 52	68 52	84 56	72 62	77 61	86 59	72 62	70 55	64 50	64 45	73 45	66 57	66 45	56 45	64 47	63 47	75.1 57.2		
CHICAGO WB AIRPORT	MAX MIN	71 60	88 58	93 66	86 60	78 55	75 61	94 68	93 71	94 70	67 56	65 46	71 43	81 45	82 53	70 51	85 56	75 61	80 67	86 67	75 66	71 59	62 49	75 41	67 58	60 41	64 44	60 41	65 44	75.9 55.8			
CHICAGO WB CITY	MAX MIN	66 61	85 62	92 69	82 66	74 61	72 65	92 70	90 74	92 75	90 67	67 57	65 55	65 52	77 55	57 46	64 46	77 63	70 60	83 65	75 66	70 55	60 49	60 51	71 49	66 58	68 49	55 49	61 53	61 55	72.5 59.8		
JOLIET	MAX MIN	80 54	88 55	93 62	91 68	80 53	78 56	95 66	93 67	94 64	94 69	66 45	67 42	81 52	78 48	71 42	82 56	71 60	82 65	76 60	88 60	78 65	75 49	60 55	75 41	76 57	67 44	62 35	68 38	69 41	78.6 54.1		
MARENGO	MAX MIN	78 49	88 53	93 63	89 62	77 47	70 53	93 61	90 71	94 64	90 67	76 50	72 33	80 45	74 48	73 40	85 48	74 59	75 62	80 62	80 68	76 62	71 48	63 48	67 39	58 56	60 40	62 32	67 33	67 39	76.8 51.0		
MORRIS 5 N	MAX MIN	77 50	90 51	93 60	82 50	79 56	78 63	83 61	93 63	95 63	95 62	65 42	63 36	71 36	81 51	74 45	72 56	81 62	73 58	75 62	88 58	86 63	78 63	69 55	79 49	69 42	65 37	67 39	70 39	77.8 51.5			
OTTAWA	MAX MIN	84 53	92 56	95 64	86 62	84 52	84 63	93 65	95 69	94 66	93 65	72 55	73 42	75 40	84 44	74 53	70 49	82 55	73 61	84 65	79 65	90 72	85 50	85 46	75 41	72 57	67 43	68 36	73 41	73 41	79.5 54.6		
PARK FOREST	MAX MIN	71 57	88 56	92 64	85 58	78 51	84 56	93 68	92 69	94 70	93 66	67 51	63 46	70 39	78 45	58 50	71 46	80 59	68 60	84 65	76 62	75 60	85 65	77 46	70 55	62 43	65 37	69 45	69 45	75.5 54.4			
PERU SEWAGE PLANT	MAX MIN	80 53	90 56	93 65	82 54	81 46	81 65	93 66	93 67	93 65	92 67	79 43	73 40	81 42	81 52	69 48	80 58	65 57	77 61	88 62	86 66	78 63	66 48	60 55	71 40	65 58	63 35	68 36	71 39	77.5 53.4			
SYCAMORE	MAX MIN	77 52	88 54	92 62	92 66	78 48	70 57	92 65	94 65	92 66	90 50	69 39	72 41	80 48	64 48	70 53	83 58	80 59	80 62	70 62	69 62	80 65	74 52	62 42	74 46	72 56	68 41	61 36	67 45	68 41	76.9 51.2		
WAUKEGAN 2 WNW	MAX MIN	67 59	84 55	93 66	87 68	77 52	72 60	92 66	89 71	85 67	89 63	71 47	61 30	69 43	78 47	60 50	66 48	77 58	70 62	81 65	79 62	81 65	77 63	69 55	63 42	64 47	60 37	62 43	59 43	73.1 54.7			
WHEATON COLLEGE	MAX MIN	75 55	86 55	92 68	88 67	80 50	73 55	93 65	92 69	92 67																							

# DAILY TEMPERATURES

ILLINOIS  
SEPTEMBER 1964

Continued

Station	Day of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST 03																																
GALESBURG	MAX 81	88	91	80	82	80	90	89	90	91	67	68	71	81	71	72	75	67	77	87	80	75	70	65	79	65	59	63	68	70	76.4	
	MIN 57	61	67	57	50	59	68	66	67	64	50	44	43	48	53	52	57	57	63	65	65	61	52	46	41	53	41	40	39	44	54.3	
GOLOEN 1 NW	MAX 85	91	90	90	82	86	91	90	90	92	80	70	73	83	77	79	73	75	84	84	82	79	75	66	80	71	65	62	70	73	79.6	
	MIN 58	63	65	68	51	61	67	67	67	66	57	42	35	48	55	53	60	63	57	65	65	62	52	48	43	48	43	35	39	43	54.9	
LA HARPE	MAX 82	92	93	89	82	85	92	90	90	91	86	68	74	83	79	74	72	72	83	90	83	78	72	67	80	80	68	65	70	72	80.1	
	MIN 57	61	65	69	55	58	67	66	67	67	56	42	43	48	55	52	62	57	62	64	65	63	56	47	45	57	42	39	41	45	55.8	
MONMOUTH	MAX 82	91	93	86	83	80	91	90	90	90	74	70	73	82	77	71	76	68	78	88	84	75	72	66	78	75	66	64	69	70	78.4	
	MIN 57	61	66	69	52	59	66	67	68	68	49	40	36	46	53	52	62	57	62	64	64	63	52	46	43	56	39	34	36	40	54.2	
QUINCY	MAX 85	93	94	84	83	88	94	94	92	92	75	70	75	84	76	75	72	74	87	88	80	79	75	68	81	74	71	66	70	72	80.4	
	MIN 63	68	71	70	58	61	72	71	72	72	57	46	44	55	56	52	62	60	62	68	67	64	54	51	50	64	45	39	43	44	58.9	
QUINCY FAA AIRPORT	MAX 85	91	92	79	83	88	93	91	90	94	68	68	73	84	73	76	70	73	84	87	78	78	72	66	78	70	59	66	68	73	78.3	
	MIN 61	65	68	61	58	62	67	66	68	67	53	46	43	52	56	56	60	60	61	67	67	64	52	47	46	54	43	39	45	46	56.7	
RUSHVILLE	MAX 85	91	92	90	86	89	93	92	92	95	71	79	82	85	80	79	79	75	83	90	89	79	76	75	80	75	62	68	72	76	82.0	
	MIN 57	60	64	68	56	62	66	72	66	66	56	43	44	40	44	52	56	57	57	64	66	58	52	52	57	57	44	40	40	45	55.4	
* * *																																
CENTRAL 04																																
BLOOMINGTON NORMAL	MAX 81	87	89	89	85	86	91	90	91	92	91	66	70	80	79	74	76	75	77	86	85	79	78	71	78	76	59	63	68	72	79.5	
	MIN 55	59	64	68	57	61	70	70	71	70	59	43	42	46	54	54	62	57	63	64	67	66	55	49	46	59	45	40	41	41	56.6	
CHENOA	MAX 80	88	90	86			91	91		93	75	68	76	82	75	70	79	70	88	83	80	77	65	78	69	67	64	68	70	77.8		
	MIN 50	53	61	70			65	65	60	65	60	42	32	44	54	48	58	58	59	64	65	55	50	41	57	45	36	38	37	52.3		
DECATUR	MAX 85	90	92	89	84	92	95	94	94	93	83	71	73	83	71	77	76	69	80	88	84	83	76	67	79	70	64	67	72	75	80.7	
	MIN 58	61	64	66	54	62	69	67	67	67	60	47	40	41	56	55	64	56	63	65	66	70	57	49	44	57	47	40	40	41	56.4	
FARMER CITY	MAX 81	89	91	87	82	89	94	93	94	94	79	63	72	75	74	75	76	80	82	80	82	77	67	78	69	62	65	69	73	79.0		
	MIN 49	54	54	63	51	56	66	62	64	64	55	44	32	45	53	52	59	52	62	64	63	55	48	40	54	44	37	39	39	52.4		
HAVANA	MAX 80	91	92	90	82	90	94	92	93	95	90	70	72	83	81	78	76	73	80	89	86	79	76	70	80	78	68	71	70	73	81.4	
	MIN 56	60	64	69	53	61	65	66	67	69	60	47	37	42	56	53	63	57	62	65	65	53	47	38	54	45	39	39	40	55.2		
LACON 1 E	MAX 82	91	94	89	81	86	93	93	93	94	79	68	71	82	75	69	77	67	75	90	82	78	73	67	78	68	64	64	67	71	78.7	
	MIN 50	57	65	64	51	60	67	71	68	72	56	42	38	44	52	50	60	52	61	63	64	64	54	50	41	55	44	35	38	40	54.3	
LINCOLN	MAX 83	90	91	88	91	91	94	93	94	95	83	71	73	83	78	79	75	72	82	89	86	83	74	67	80	70	61	66	71	74	80.9	
	MIN 56	57	62	62	51	57	66	65	66	67	50	44	37	43	55	53	62	56	62	64	66	68	55	48	44	58	44	38	38	38	54.4	
MASON CITY	MAX 82	87	91	88	80	89	93	91	92	93	89	68	71	82	82	78	72	70	75	88	83	80	76	66	77	69	58	61	66	69	78.9	
	MIN 56	59	61	68	52	61	59	66	68	63	57	44	38	44	56	52	52	58	62	61	64	65	54	49	40	45	43	38	39	40	53.8	
MINONK	MAX 92	94	92	85	85	88	96	96	95	97	75	70	79	85	73	70	76	69	78	92	86	80	73	66	81	73	67	65	70	72	80.7	
	MIN 55	60	60	62	49	60	63	62	63	66	55	41	38	40	53	48	58	59	63	61	63	63	54	48	40	57	43	37	38	42	53.4	
PEORIA WB AIRPORT	MAX 80	88	91	83	81	88	91	92	92	93	68	69	71	82	73	73	74	69	75	88	80	77	70	64	77	64	61	65	68	76.8		
	MIN 58	60	62	57	52	63	67	66	67	65	50	44	39	44	55	52	57	58	61	65	64	63	53	46	63	53	42	38	39	41	54.0	
PRINCEVILLE 1 N	MAX 80	90	91	87			90	92		91	78	78	70	81	76	70	76	75	74	89	81	78	75	68	78	75	63	61	67	70	77.9	
	MIN 54	58	66	69			68	69		69	54	40	36	46	53	52	60	56	60	62	65	63	53	51	45	56	42	35	37	40	54.0	
* * *																																
FAST 05																																
OANVILLE	MAX 81	88	91	82	91	95	93	93	94	90	69	72	80	78	75	77	70	80	87	86	83	77	70	77	73	67	66	70	74	80.3		
	MIN 53	52	56	53	51	60	61	61	60	60	48	39	35	50	53	52	59	65	57	62	71	60	51	40	58	48	38	38	38	38	52.7	
HOOPESTON	MAX 78	86	88	87	80	87	92	91	91	93	86	66	70	77	72	77	68	78	85	84	81	72	64	75	68	63	64	69	71	77.8		
	MIN 51	53	59	65	51	56	64	66	66	64	59	43	34	38	53	48	58	58	62	58	64	68	58	49	43	56	46	37	37	39	53.3	
KANKAKEE 3 SW	MAX 79	88	93	90	80	86	94	92	95	93	90	65	71	80	78	72	77	77	86	85	85	78	74	66	73	60	61	70	79.9			
	MIN 48	52	57	64	47	56	64	66	62	66	57	44	35	38	52	47	57	59	64	59	59	68	57	51	43	46	45	36	37	38	52.5	
PONTIAC	MAX 85	90	92	91	84	88	93	93	94	94	93	69	72	82	81	71	78	75	78	89	87	82	81	72	79	78	63	65	70	73	81.4	
	MIN 53	55	62	67	53	60	66	68	66	68	57	44	41	42	55	49	59	57	64	61	65	67	56	52	43	59	46	39	40	41	55.2	
GRANTOUL CHANUTE AFB	MAX 77	86	90	86	78	88	92	90	90	92	67	65	67	77	72	71	77	66	76	84	82	79	70	63	75	62	58	62	66	70	75.9	
	MIN 56	54	58	62	55	57	63	65	63	64	52	46	41	43	55	52	59	59	65	61	63	70	57	50	41	57	47	39	41	42	54.6	
ROBERTS 3 N	MAX 80			91	83	88	89	91	92	98	87	74	75			80	75	81	88	85	80	78	72	82	77	64	68	72	76	81.3		
	MIN 47	55	60	68	50	56	65	62	63	65	58	42	35	44	51	41	58	58	65	58	64	60	57	51	42	67	44	37	42	40	53.5	
URRANA	MAX 79	88	91	87	81	90	93	92	93	93	68	68	71	80	74	75	78	67	80	86	83	83	73	66	77	65	61	64	70	72	78.3	
	MIN 56	57	62	63	57	58	66	66	67	66	51	48	41	47	55	53	58	58	65	63	66	70	55	50	43	58	47	42	43	44	55.8	
WATSEKA 2 NW	MAX 80	87	91																													



# DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PANA	MAX	81	85	87	85	80	88	91	90	90	91	85	68	69	78	79	77	74	71	80	86	79	81	75	68	78	68	67	66	69	72	75	78.6
	MIN	58	58	61	66	58	60	67	65	65	65	61	48	40	44	55	58	62	56	62	65	66	69	59	50	43	57	49	42	42	45	56.5	
SPRINGFIELD WB AIRPORT	MAX	84	92	95	88	83	93	96	94	95	97	72	72	73	84	79	79	77	76	83	91	86	82	76	69	82	68	60	66	71	75	81.3	
	MIN	59	62	65	59	54	65	71	69	68	70	52	47	39	45	57	57	59	60	63	68	70	66	55	46	65	57	46	40	41	42	56.6	
VIROEN 1 55W	MAX	86	90	92	88	85	90	94	93	93	97	91	70	75	83	80	81	75	77	89	90	85	84	76	70	81	75	65	67	71	75	82.3	
	MIN	55	57	56	66	53	51	61	64	65	65	61	45	37	40	52	56	62	57	61	68	67	70	56	47	44	58	45	41	40	41	54.7	
WHITE HALL 1 E	MAX	85	90	91	84	83	89	93	91	91	95	86	68	70	81	79	76	74	75	84	86	83	81	79	70	79	77	66	65	70	72	80.4	
	MIN	60	61	62	65	59	60	66	65	64	66	61	48	40	46	55	56	63	58	59	64	65	69	55	50	43	58	46	43	40	42	56.3	
* * *																																	
EAST SOUTHEAST	07																																
CHARLESTON	MAX	84	88	92	90	85	91	95	94	93	96	91	70	73	81	83	79	76	70	83	85	80	85	76	72	77	72	68	65	72	73	81.3	
	MIN	56	58	62	66	56	61	68	66	66	67	61	46	41	43	56	56	64	57	62	65	66	67	60	50	44	57	48	43	44	44	56.7	
EFFINGHAM	MAX	86	90	91	92	87	93	95	94	94	96	90	72	73	82	85	76	74	71	82	89	82	85	79	71	79	71	67	67	74	76	82.1	
	MIN	59	57	60	65	59	60	69	67	67	65	63	49	40	40	47	59	64	51	64	64	65	69	62	51	41	55	51	48	41	45	56.6	
FLORA 2 NW	MAX	87	86	90	89	84	92	94	93	92	94	89	89	73	80	86	82	73	72	83	87	84	85	78	72	78	72	70	66	73	76	82.3	
	MIN	64	52	55	60	56	52	63	59	62	59	59	52	39	35	48	58	58	58	60	62	63	69	63	57	41	55	49	49	42	40	54.6	
MARSHALL 1 E	MAX	82	87	91	90	85	91	95	94	93	96	92	71	73	81	86	82	76	69	82	85	82	84	79	73	77	73	69	67	72	75	81.7	
	MIN	53	50	53	60	52	47	59	57	57	55	61	46	38	34	46	54	60	57	58	57	58	66	60	50	39	52	47	43	38	38	51.5	
MATTOON	MAX	83	88	90	88	84	91	93	93	93	94	75	69	72	80	82	78	74	69	81	86	79	84	75	67	78	67	62	65	70	73	79.4	
	MIN	56	56	60	65	57	58	68	69	66	66	52	48	40	39	57	57	56	58	63	64	67	69	58	49	43	58	47	43	41	49	56.0	
MCWEACUA	MAX	85	90	96	88	84	92	95	94	93	95	92	68	73	82	79	79	77	72	81	88	83	83	78	66	80	72	68	66	70	74	81.4	
	MIN	55	55	56	62	53	58	65	61	62	60	60	47	40	36	52	56	63	56	67	63	64	70	58	48	38	57	46	40	39	43	54.3	
NEWTON	MAX	85	85	88	90	88	90	93	91	92	93	85	71	73	78	85	82	76	71	80	81	80	83	81	75	76	75	70	65	71	74	80.9	
	MIN	59	55	58	63	57	58	66	63	64	61	64	48	41	38	52	59	65	58	64	64	64	70	63	52	42	56	49	48	41	46	56.4	
OLNEY 2 S	MAX	85	87	92	94	87	93	97	95	94	96	81	73	74	81	88	87	77	72	82	89	88	86	86	74	78	75	64	74	96	83.9		
	MIN	58	50	55	60	54	57	65	61	58	64	62	49	40	35	46	44	45	56	62	67	67	68	65	59	39	59	51	50	47	43	55.3	
PALESTINE	MAX	85	91	94	92	88	96	98	96	97	97	75	73	75	83	89	83	78	70	85	83	78	85	78	69	79	74	67	64	73	75	82.3	
	MIN	57	53	57	64	54	54	65	68	62	59	65	49	41	37	49	58	61	60	63	62	64	69	60	50	44	56	51	49	46	45	55.7	
PARIS WATERWORKS	MAX	81	89	90	89	83	91	95	93	93	96	85	69	73	81	84	78	76	68	80	86	81	82	75	66	76	76	68	67	72	74	80.6	
	MIN	55	55	60	65	53	56	67	67	65	66	60	47	40	38	54	55	61	58	62	63	66	69	60	50	42	57	49	43	40	42	55.5	
SALEM	MAX	86	88	90	89	86	92	95	94	94	95	92	72	74	81	84	81	75	74	86	86	81	85	78	73	77	71	70	65	74	79	82.2	
	MIN	59	54	57	60	58	57	64	63	64	60	58	49	43	39	50	60	58	57	57	65	64	69	63	49	41	56	49	44	44	46	55.4	
TUSCOLA	MAX	83	88	91	89			93	92	92	93	90	67	71	80	78	76	76	67	80	82	78	81	75	68	76	72	63	65	69	72	78.8	
	MIN	54	55	59	62			65	64	64	63	61	48	35	38	58	55	63	58	65	64	64	70	58	50	41	57	47	41	38	40	54.8	
VANDALIA FAA AIRPORT	MAX	85	88	91	89	85	91	94	94	94	95	76	71	74	83	82	78	74	74	84	88	80	84	78	71	79	69	61	66	72	75	80.8	
	MIN	48	53	55	56	54	52	63	61	61	59	53	46	37	36	51	57	58	61	61	65	64	69	56	46	39	55	48	45	38	40	53.2	
WINOSOR	MAX	88	90	92	89	85	92	95	94	94	94	89	86	74	83	83	81	83	71	80	89	82	85	76	72	79	73	66	67	72	79	82.8	
	MIN	54	59	61	66	54	60	68	66	68	66	61	46	35	41	55	57	63	57	63	60	66	69	60	50	44	57	49	41	39	49	56.1	
* * *																																	
SOUTHWEST	08																																
ANNA 1 E	MAX	84	89	89	90	85	93	92	92	93	94	78	71	65	80	86	85	75	79	87	89	81	86	76	72	78	78	69	61	72	75	81.5	
	MIN	64	59	60	63	59	60	66	64	67	64	62	48	45	46	48	60	60	60	60	64	69	68	65	50	44	54	50	49	51	47	57.5	
OBELLEVILLE SCOTT AFB	MAX	84	88	88	84	83	91	92	91	91	94	73	72	71	80	80	80	63	76	84	85	76	82	76	70	77	70	62	67	71	74	79.2	
	MIN	62	61	62	61	59	60	66	67	67	62	53	49	43	43	55	61	58	62	59	68	68	70	57	50	44	61	50	47	45	44	57.1	
CAIRO WB CITY	MAX	86	86	90	89	86	92	92	91	91	93	76	75	73	80	84	85	75	82	86	88	81	85	77	72	77	78	70	58	71	75	81.5	
	MIN	67	65	65	70	68	66	73	71	70	68	62	54	52	50	55	65	66	67	65	70	71	70	64	55	51	63	51	51	57	53	62.5	
CARBONDALE SEWAGE PL	MAX	88	88	90	94	84	94	94	94	93	95	88	75	75	83	87	87	81	80	87	89	83	88	78	75	78	78	73	64	72	75	83.7	
	MIN	61	56	67	60	54	56	65	63	63	58	62	49	39	37	47	57	64	62	69	66	68	68	68	52	42	58	53	50	52	45	56.9	
CARLYLE RESERVOIR	MAX	86	85	88	89	89	90	92	94	93	92	95	71	72	73	81	84	84	81	75	86	86	78	82	78	70	78	72	60	67	72	81.2	
	MIN	59	57	57	63	59	60	64	67	65	62	58	49	40	41	47	60	60	59	57	60	66	70	61	50	44	50	51	48	44	44	55.7	
CCBDEN 2 S	MAX	87	88	88	90	85	91	90	90	91	92	85	75	73	80	85	84	78	78	86	86	83	84	76	73	75	75	69	62	72	75	81.6	
	MIN	62	56	57	61	57	60	65	68	63	59	61	48	42	39	47	58	61	61	56	58	68	69	65	49	41	54	50	49	51	46	56.0	
OU OUCIN 2 S	MAX	85	88	90	90	85	93	93	92	93	95	90	74	73	81	87	86	78	79	87	88	81	85	77	74	72	73	63	64	72	74	82.1	
	MIN	64	56	58																													

# DAILY TEMPERATURES

1LL1N015

Continued

Station	Day of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ELIZABETHTOWN	MAX	86	84	89	90	85	92	92	91	92	92	87	75	73	78	85	87	79	76	85	88	81	84	78	71	75	78	70	57	69	72	81.4 55.7
	MIN	60	53	55	62	61	57	66	62	60	57	61	49	44	35	45	56	64	61	63	62	66	67	67	47	42	54	49	49	53	45	
FAIRFIELD RAOLO WFLW	MAX	83	86	90	91	88	92	95	94	93	94	92	72	72	79	85	86	82	71	81	86	85	83	81	74	76	74	72	61	71	74	82.1 54.9
	MIN	59	52	56	60	52	57	66	60	62	58	61	48	42	35	47	57	59	58	60	63	64	67	65	51	40	55	50	49	49	45	
HARRISBURG	MAX	90	90	94	95	90	96	98	95	95	98	96	78	78	84	90	90	85	76	90	90	82	87	83	78	80	78	73	60	73	77	85.6 56.5
	MIN	60	53	57	63	56	57	63	62	63	59	62	49	43	36	42	68	65	63	59	63	68	68	68	52	42	52	52	52	54	43	
MCLEANSBORO	MAX	86	87	91	94	87	94	95	95	94	97	90	75	75	83	87	89	82	75	88	90	83	84	77	71	78	75	70	63	71	74	83.3 56.4
	MIN	62	55	58	60	55	58	65	62	63	61	64	49	43	39	46	59	62	61	59	64	65	67	65	53	42	54	52	50	52	46	
MOUNT CARMEL NO 2	MAX	87	89	90	87	89	95	92	95	97	95	95	75	75	76	82	87	90	77	73	82	90	75	82	80	71	77	74	61	69	82.7 55.8	
	MIN	59	58	60	59	60	53	61	60	60	58	65	50	45	44	50	56	61	60	62	63	64	67	67	52	45	49	45	48	49		44
MOUNT VERNON	MAX	84	87	90	91	85	92	93	93	93	95	85	73	72	82	85	87	87	75	86	87	87	86	77	73	76	71	71	64	72	74	82.4 56.7
	MIN	61	57	58	63	55	52	65	63	64	62	67	50	45	40	51	59	60	59	59	65	65	69	65	52	42	55	53	51	47	46	

6 MAXIMUM AND MINIMUM TEMPERATURES ARE THE HIGHEST AND LOWEST HOURLY READINGS FOR EACH DAY.

# EVAPORATION AND WIND

Station	Day Of Month																															Total Evap. Avg.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * NORTHWEST 01 HENNEPIN POWER PLANT	EVAP	.21	.26	.35	.35	.24	.10	.25	.30	.28	.24	.16	.19	.20	.22	.21	.10	.07	.23	.18	.24	.00	.06	.36	.30	.08	.31	.13	.12	.11	.16	6.01 1424 80.6 58.5
	WIND	24	43	48	73	24	15	48	54	31	44	55	24	26	36	50	29	19	55	17	31	24	23	136	151	52	133	102	19	12	26	
	MAX	89	91	93	87	85	82	91	92	94	90	84	77	78	81	78	74	79	75	78	88	78	81	79	68	72	70	66	71	74	73	
	MIN	62	61	68	70	58	64	67	70	70	70	60	50	50	51	58	54	60	61	65	64	54	68	58	50	47	58	47	44	47	50	
* * * EAST 05 URBANA	EVAP	.24	.21	.23	.26	.29	.18	.29	.25	.26	.26	.30	.14	.18	.20	.22	.16	.06	.16	.12	.07	.19	.09	.16	.30	.14	.23	.01	.13	.11	.12	5.56 1167 79.7 56.3
	WIND	35	34	21	36	49	17	38	33	31	29	61	54	52	17	36	43	24	51	23	14	35	38	38	88	52	69	74	30	27	18	
	MAX	89	87	90	90	87	85	88	91	89	92	91	66	74	76	79	79	71	73	66	84	86	80	88	77	68	74	61	66	69	74	
	MIN	59	53	59	65	58	57	60	67	68	68	64	49	45	49	49	55	55	60	59	65	66	68	64	49	46	46	50	45	45	47	
* * * WEST SOUTHWEST 06 SPRINGFIELD W8 AIRPORT	EVAP	.25	.29	.36	.28	.19	.33	.37	.34	.33	.31	.38	.26	.18	.26	.26	.15	*	*	.18	.22	.14	.06	.43	.29	.27	.17	.14	.14	.12	.18	6.88 2559 81.5 59.7
	WIND	52	56	79	113	45	70	87	84	63	76	206	119	39	45	82	78	61	102	34	67	57	47	175	173	107	176	152	41	32	41	
	MAX	89	92	90	85	87	89	91	91	92	94	90	74	77	81	81	77	74	74	85	87	82	84	81	69	74	69	64	72	75	75	
	MIN	62	63	65	73	62	59	70	70	70	68	61	48	47	53	58	58	64	59	65	68	70	72	61	49	47	58	51	45	48	48	
* * * SOUTHWEST 08 CARLYLE RESERVOIR	EVAP	.25	.24	.26	.26	.29	.30	.28	.25	.26	.26	.34	.17	.31	.22	.25	.18	.15	.05	.10	.19	.22	.04	.07	.30	.29	.31	.05	.16	.15	.15	6.35 1775 81.3 56.8
	WIND	42	33	23	43	54	45	50	56	34	31	58	162	104	35	45	34	32	83	13	27	60	61	70	99	75	131	108	85	44	38	
	MAX	91	92	92	89	90	89	91	92	93	92	94	72	75	77	80	81	73	70	75	89	85	78	82	80	73	75	63	58	71	76	
	MIN	62	62	61	63	60	63	62	61	66	62	62	48	45	45	48	57	58	61	62	62	67	70	63	49	47	47	53	46	46	45	

# DAILY SOIL TEMPERATURES

ILLINOIS  
SEPTEMBER 1964

STATION AND DEPTH	TIME	Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
URBANA	4 INCHES	7 AM	72	71	73	74	71	71	71	75	75	76	76	66	61	63	68	67	68	66	67	72	72	73	72	65	67	64	64	59	58	58	68.3
		MAX	79	78	78	79	78	78	78	79	81	82	82	76	71	71	72	72	69	69	67	74	74	73	76	73	66	67	64	64	63	63	73.2
	MIN	72	71	71	73	71	71	71	71	74	75	76	66	61	61	63	67	67	66	66	67	71	72	72	65	62	62	60	59	58	57	67.3	
	8 INCHES	7 AM	74	73	74	75	73	73	74	76	76	77	77	70	67	67	69	69	68	68	68	72	72	72	73	69	66	66	67	62	61	61	70.3
		MAX	76	75	76	76	76	76	76	77	78	78	79	77	72	72	70	71	69	69	68	72	72	72	74	73	69	66	67	66	62	62	72.2
		MIN	74	73	72	74	73	73	74	74	75	76	77	70	67	67	67	68	68	68	68	72	72	72	72	69	66	66	63	62	61	59	69.6

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS 500. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p h				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 AM CST	NOON CST	6:00 PM CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
CAIRO WB CITY	S*	-	6.8	30	N*	11	-	85	54	-	1	1	2	0	3	0	7	71	4.6
CHICAGO O HARE AIRPORT	20	7	10.2	37++	20	26	84	87	57	68	6	3	4	1	2	0	16	-	5.9
CHICAGO MIDWAY AIRPORT	21	7	9.4	33	S	26+	74	80	55	63	8	2	2	3	0	0	15	57	5.5
MOLINE WB AIRPORT	18	6	8.0	37	W	23	78	83	55	64	3	4	6	0	2	0	15	61	5.0
PEORIA WB AIRPORT	18	14	8.5	31	W	23	77	83	54	58	5	1	4	1	1	0	12	70	4.6
ROCKFORD WB AIRPORT	18	13	9.9	36++	26	23	84	86	55	63	5	4	1	3	1	0	14	-	5.2
SPRINGFIELD WB AIRPORT	18	8	9.2	30	S	26	71	75	47	52	3	3	4	0	0	0	10	76	4.2

\* TO 8 COMPASS POINTS ONLY







REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the State Climatologist, P. O. Box 143, Station "A", Champaign, Illinois 61824, or to any Weather Bureau Office near you.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are tens of degrees.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 8:00 a. m., C. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

**SNOWFALL:** Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1931-1960.

**DIVISIONS**, as used in this publication, became effective with data for January 1957.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

**DELAYED DATA AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- Amount included in following measurement, time distribution unknown.
- # Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing. If average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

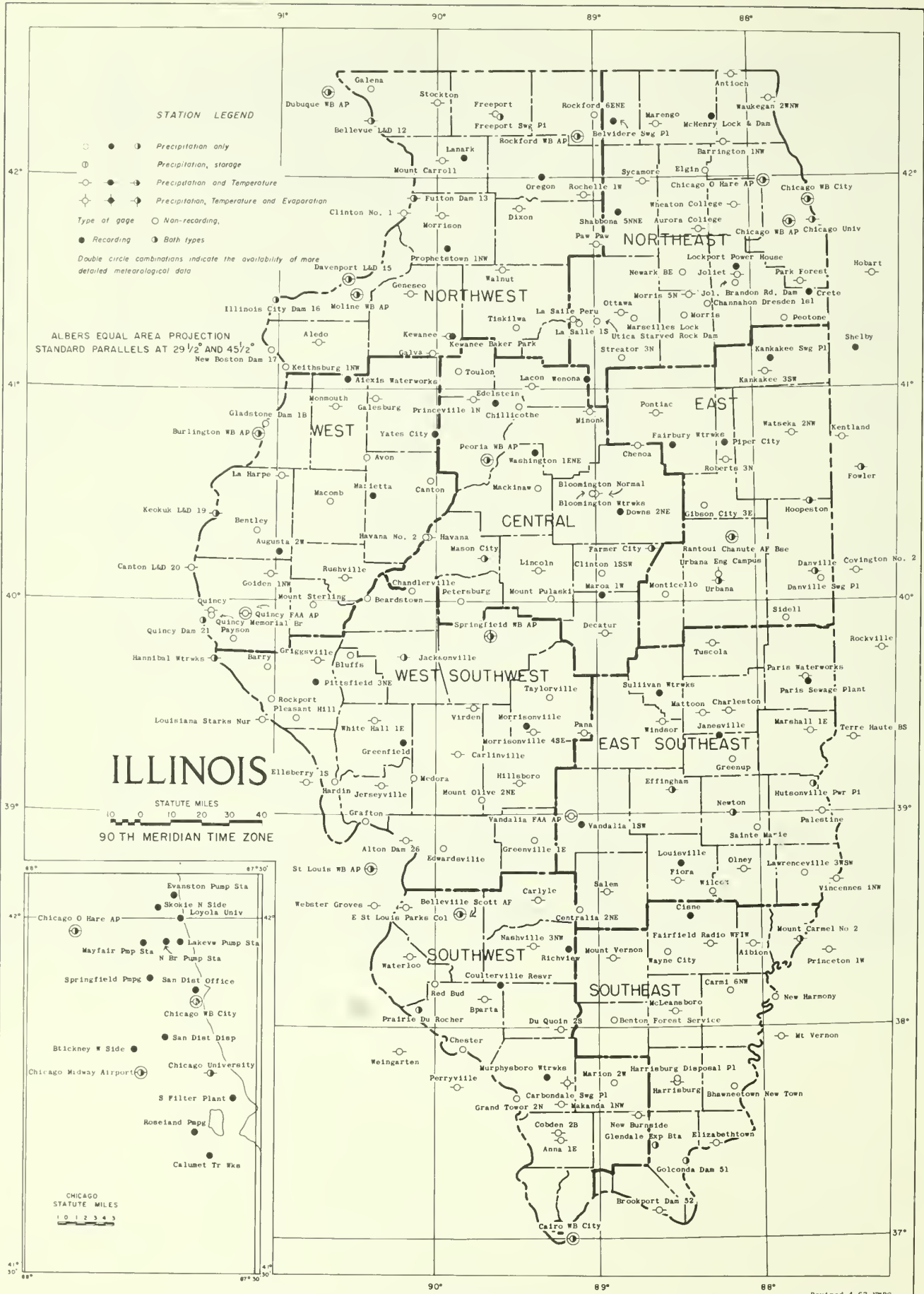
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

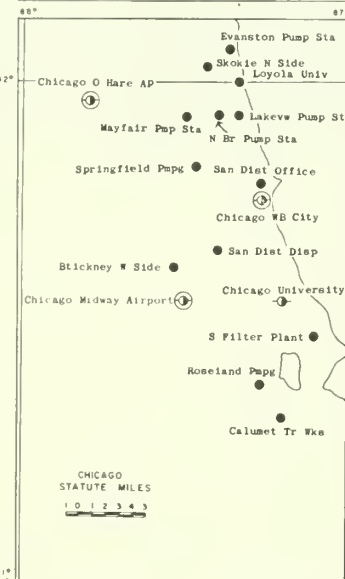


**STATION LEGEND**

- ● ( ) Precipitation only
  - ⊙ Precipitation, storage
  - ● ( ) Precipitation and Temperature
  - ⊙ ● ( ) Precipitation, Temperature and Evaporation
  - Type of gage ○ Non-recording, ● Recording ( ) Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°  
New Boston Dam 17

ILLINOIS  
STATUTE MILES  
0 10 20 30 40  
90 TH MERIDIAN TIME ZONE









U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS



OCTOBER 1964

Volume 69 No. 10



ILLINOIS - OCTOBER 1964

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 89° on the 18+ at 3 stations

Lowest Temperature: 18° on the 10th at Barrington 1 NW

Greatest Total Precipitation: 0.88 inch at East St Louis Pks Col

Least Total Precipitation: 0.00 inch at Chenoa and Glendale Exp Sta

Greatest One-Day Precipitation: 0.88 inch on the 27th at  
East St Louis Pks Col

Greatest Reported Total Snowfall: Trace at 12 stations

Greatest Reported Depth of Snow on Ground: Trace on the 19+ at  
Rockford WB AP and on the  
19th at Chigago O Hare AP

SPECIAL WEATHER SUMMARY

October weather was ideally designed for recreationists and for the rapid harvest of farm crops. But it was a somber situation indeed for growing plants or the preservation of dwindling water supplies. Pastures, winter wheat, lawns, shrubbery, and small trees in many areas approached the winter season with inadequate soil moisture.

Weather Bureau precipitation records for Illinois cover the last 75 years (1890-1964) and October 1964 was not only the driest ever recorded in the State, but the driest by far. Previous dry Octobers, in decreasing order of dryness, were 1897, 1908, 1952, and 1904.

This dry October of 1964 was outstanding both for the intensity of the drought and also for its uniformity. The statewide average was less than 0.2 inch, less than half the average during the record dry years of 1897 and 1908. Also, during previous dry Octobers there were always a goodly number of stations which totaled more than 1 inch of rain during the month. This October showed no reports of as much as 0.9 inch. Nearly 15 percent of the reports indicated 0.01 inch or less, 40 percent less than 0.10 inch. More than half the State received less than 5 percent of its October normal and three-fourths had less than 10 percent of its normal.

William L. Denmark  
Weather Bureau State Climatologist  
P. O. Box 143 - Station "A"  
Champaign, Illinois 61824

# CLIMATOLOGICAL DATA

ILLINOIS  
OCTOBER 1964

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	1.0 or More	.50 or More	1.00 or More
										9° or Above	31° or Below	31° or Below	9° or Below										
* * *																							
NORTHWEST 01																							
ALEDO	65.5	38.4	52.0	- 3.4	82 17	24 10	400	0	0	10	0	T	- 2.68	T 12.	.0	0	0	0	0	0	0		
OIXON	64.3	37.5	50.9	- 3.3	82 17	24 10	430	0	0	10	0	.06	- 2.61	.06 9	T	0	0	0	0	0	0		
FREESPORT	66.8	36.8	49.8	- 2.3	77 16	20 10	466	0	0	12	0	.05	- 2.20	.05 8	.0	0	0	0	0	0	0		
FULTON OAM 13	63.4	39.1	51.3		77 17	28 30.	421	0	0	7	0	.07		.03 9	.0	0	0	0	0	0	0		
GALVA	65.0	38.4	51.7	- 3.7	81 17	25 20	405	0	0	10	0	.08	- 2.77	.04 12	.0	0	0	0	0	0	0		
* * *																							
GENESEO	65.5	39.0	52.3		82 17	25 9	388	0	0	10	0	.08	- 2.54	.05 8	.0	0	0	0	0	0	0		
HENNEPIN POWER PLANT	65.6	36.6	51.1		84 17	21 10	426	0	0	11	0	.11		.11 12	.0	0	0	1	0	0	0		
KEWANEE	64.9	41.0	53.0		78 18.	26 10	369	0	0	5	0	.06		.05 8	.0	0	0	0	0	0	0		
MOLINE WB AIRPORT	64.4	36.9	50.7	- 4.1	82 17	24 22.	437	0	0	12	0	.01	- 2.45	.01 7	.0	0	0	0	0	0	0		
MORRISON	65.3	34.6	50.0	- 4.5	81 17	20 10	460	0	0	15	0	.08	- 2.46	.07 8	.0	0	0	0	0	0	0		
* * *																							
MOUNT CARROLL	63.4	35.2	49.3	- 3.7	80 17	20 11.	478	0	0	14	0	.04	- 2.41	.04 9	.0	0	0	0	0	0	0		
PAW PAW	60.0	35.7	47.8		80 18	22 10	528	0	0	14	0	T	- 3.00	T 20.	T	0	0	0	0	0	0		
ROCHELLE 1 W	61.6	34.0	47.8		80 18	20 10	526	0	0	14	0	.06	- 2.47	.06 27	.0	0	0	0	0	0	0		
ROCKFORD WB AIRPORT	61.4	34.7	48.1	- 4.4	80 17	24 23.	519	0	0	13	0	.11	- 2.59	.07 8	T	T 19.	0	0	0	0	0		
STOCKTON	62.4	38.3	50.4		80 17	22 10	491	0	0	10	0	T		T 8.	.0	0	0	0	0	0	0		
* * *																							
TISKILWA	66.8	35.8	51.3		83 17	21 10	419	0	0	12	0	.08	- 2.71	.08 12	.0	0	0	0	0	0	0		
WALNUT	65.0	38.6	51.8	- 3.2	81 17	23 10	402	0	0	10	0	T	- 2.71	T 12.	.0	0	0	0	0	0	0		
* * *																							
DIVISION			50.5	- 3.7									.05	- 2.55	T								
* * *																							
NORTHEAST 02																							
ANTIOCH	62.1	38.5	50.3		79 17	23 10	449	0	0	11	0	.17		.06 8	T	0	0	0	0	0	0		
AURORA COLLEGE	62.9	35.2	49.1	- 4.2	80 17	23 20	486	0	0	11	0	.24	- 2.63	.19 29	.0	0	0	1	0	0	0		
BARRINGTON 1 NW	63.2	34.4	48.8		78 17	18 10	495	0	0	14	0	.06		.06 29	.0	0	0	0	0	0	0		
CHICAGO O HARE AIRPORT	62.3	33.6	48.0	- 5.1	80 17	20 10	521	0	0	15	0	.16	- 2.59	.09 29	T	T 19	0	0	0	0	0		
CHICAGO UNIVERSITY	61.9	43.3	52.6	- 3.1	80 17	32 10	377	0	0	1	0	.27	- 2.44	.18 8			1	0	0	0	0		
* * *																							
CHICAGO WB AIRPORT	63.1	39.1	51.1	- 4.0	81 17	27 10	423	0	0	6	0	.20	- 2.58	.19 8	.0	0	0	1	0	0	0		
CHICAGO WB CITY	67.4	46.7	57.7	- 2.9	78 17	34 10	350	0	0	8	0	.19	- 2.62	.16 8	.0	0	0	1	0	0	0		
JOLIET	67.4	38.9	53.2		84 17	26 24.	367	0	0	0	0	.16		.16 8	.0	0	0	1	0	0	0		
MARENGO	63.2	36.0	49.6		82 17	21 10	471	0	0	14	0	.15		.15 29	.0	0	0	1	0	0	0		
MORRIS 5 N	66.7	35.3	50.0	- 4.9	82 17	20 20	457	0	0	11	0	.05	- 2.45	.05 8	.0	0	0	0	0	0	0		
* * *																							
OTTAWA	66.9	39.1	53.0	- 2.5	84 17	24 10	365	0	0	8	0	.01	- 2.41	.01 12	T	0	0	0	0	0	0		
PARK FOREST	62.5	38.7	50.6		79 17	27 20	440	0	0	7	0	.25		.25 8	.0	0	0	1	0	0	0		
PERU SEWAGE PLANT	64.9	36.3	50.6	- 5.3	82 17	25 10	440	0	0	10	0	.06	- 2.44	.05 11	.0	0	0	0	0	0	0		
SYCAMORE	62.8	36.6	49.7	- 3.1	80 17	21 10	467	0	0	11	0	.07	- 2.82	.07 12	T	0	0	0	0	0	0		
WAUKEGAN 2 WNW	61.3	39.0	50.2	- 3.2	80 17	24 10	452	0	0	9	0	.20	- 2.16	.10 29	T	0	0	1	0	0	0		
* * *																							
WHEATON COLLEGE	61.6	37.7	49.7		77 17	24 10	465	0	0	12	0	.16		.10 8	.0	0	0	1	0	0	0		
* * *																							
DIVISION			50.6	- 3.8									.15	- 2.50	T								
* * *																							
WEST 03																							
GALESBURG	64.3	37.6	51.0		81 17	24 22	430	0	0	11	0	.04	- 2.87	.02 12.	.0	0	0	0	0	0	0		
GOLDEN 1 NW	68.0	38.6	53.3		84 17	23 10	354	0	0	10	0	.14	- 2.72	.10 27	.0	0	0	1	0	0	0		
LA HARPE	68.3	39.6	54.0	- 2.4	83 17	24 20	339	0	0	10	0	T	- 2.82	T 28.	T	0	0	0	0	0	0		
MONMOUTH	66.1	37.9	52.0	- 3.6	79 17	23 10	394	0	0	10	0	.05	- 2.69	.03 27	.0	0	0	0	0	0	0		
QUINCY	67.9	43.6	55.8	- 2.2	83 17	28 10	285	0	0	4	0	.28	- 2.57	.25 27	.0	0	0	1	0	0	0		
* * *																							
QUINCY FAA AIRPORT	65.9	40.0	53.0		82 17	25 20	369	0	0	8	0	.41		.22 27	.0	0	0	2	0	0	0		
RUSHVILLE	67.1	39.1	53.1	- 4.0	85 17	25 20	365	0	0	9	0	.15	- 2.54	.15 27	.0	0	0	1	0	0	0		
* * *																							
DIVISION			53.2	- 3.4									.15	- 2.63	T								
* * *																							
CENTRAL 04																							
BLOOMINGTON NORMAL	66.5	41.4	54.0	- 2.7	81 17	28 10	339	0	0	5	0	.06	- 2.74	.06 8	.0	0	0	0	0	0	0		
CENOSA	65.9	37.0	51.5		80 17	23 10	414	0	0	11	0	.00		.00	.0	0	0	0	0	0	0		
DECATUR	68.5	40.0	54.3	- 3.4	85 17	26 10	328	0	0	7	0	.22	- 2.96	.16 27	.0	0	0	1	0	0	0		
FARMER CITY	67.6	36.3	52.0		83 17	23 11.	405	0	0	10	0	.15		.15 8	.0	0	0	1	0	0	0		
HAWANA	69.2	38.8	54.0	- 2.5	85 17	23 40.	341	0	0	9	0	.12	- 2.50	.12 12	.0	0	0	1	0	0	0		
* * *																							
LACON 1 E	65.9	38.5	52.2		81 17	24 10	389	0	0	10	0	.03		.02 12	.0	0	0	0	0	0	0		
LINCOLN	67.2	37.5	52.4	- 4.1	82 17	24 10	385	0	0	10	0	.24	- 2.54	.20 27	.0	0	0	1	0	0	0		
MASON CITY	66.0	36.9	51.5		80 17	24 10	416	0	0	11	0	.07		.02 12	.0	0	0	0	0	0	0		
MINCK	66.4	37.4	51.9		85 17	24 20	400	0	0	12	0	.07	- 2.47	.04 13	.0	0	0	0	0	0	0		
PEORIA WB AIRPORT	64.3	37.2	50.8	- 4.5	80 17	25 10	435	0	0	10	0	.03	- 2.50	.03 12	.0	0	0	0	0	0	0		
* * *																							
PRINCEVILLE 1 N	M	M	M		80 17			0	0	0		.01	- 2.29	.01 11	.0	0	0	0	0	0	0		
* * *																							
DIVISION			52.5	- 4.0									.09	- 2.70	.0								
* * *																							
EAST 05																							
DANVILLE	66.9	36.1	51.5	- 4.4	82 17	21 20	415	0	0	13	0	.35	- 2.71	.31 8	.0	0	0	1	0	0	0		
HOOPESTON	63.8	37.8	50.8	- 5.1	80 17	24 10	432	0	0	10	0	.31	- 2.90	.26 8	.0	0	0	1	0	0	0		
KANKAKEE 3 SW	65.4	35.9	50.7	- 4.5	80 17	23 24	438	0	0	11	0	.24	- 2.48	.18 8	T	0	0	1	0	0	0		
PONTIAC	68.6	38.5	53.6	- 2.6	83 17.	25 24	350	0	0	9	0	.07	- 2.59	.04 7	.0	0	0	0	0	0	0		
RANTOUL CHANUTE AFB	62.3	38.3	50.3		78 17	27 11.	449	0	0	10	0				.0	0	0	0	0	0	0		
* * *																							
ROBERTS 3 N	66.6	37.5	52.1		89 16	23 24	393	0	0	11	0	.15	- 2.60	.15 8	.0	0	0	1	0	0	0		
URBANA	65.5	40.7	53.1	- 3.5	82 17	30 24.	361	0	0	4	0	.16	- 2.85	.12 8	.0	0	0	1	0	0	0		
WATSEKA 2 NW	64.4	36.6	50.5		80 17	21 20	444	0	0	11	0	.22	- 2.55	.20 8	.0	0	0	1	0	0	0		
* * *																							
DIVISION			51.6	- 4.2									.21	- 2.67	T								

See Reference Notes Following Station Index

# CLIMATOLOGICAL DATA

ILLINOIS  
OCTOBER 1964

Continued

Station	Temperature											Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max.	Min.	32° or Above	32° or Below	32° or Below					0° or Below	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WEST SOUTHWEST 06																									
ALTON DAM 26	67.5	43.4	55.5		81	17	33	20*	291	0	0	0	0	.66		.63	27	.0	0		1	1	0		
CARLINVILLE	68.9	39.1	54.0	- 4.0	85	17	24	10	333	0	0	7	0	.29	- 2.68	.26	27	.0	0		1	0	0		
GRIGGSVILLE	68.4	42.4	55.4		83	17	28	20	293	0	0	4	0	.45		.45	27	.0	0		1	0	0		
HILLSBORO	68.5	38.9	53.7	- 4.6	83	17*	24	10	342	0	0	7	0	.28	- 2.81	.23	27	.0	0		1	0	0		
JACKSONVILLE	68.0	37.8	52.9	- 4.6	89	17	23	10	371	0	0	11	0	.26	- 2.74	.26	27	.0	0		1	0	0		
* * * EAST SOUTHEAST 07																									
JERSEYVILLE 2 SW	69.7	38.0	53.9		82	17	22	11	343	0	0	8	0	.32		.30	27	.0	0		1	0	0		
MORRISONVILLE 4 SE	67.9	38.5	53.2	- 4.0	84	17	24	20*	360	0	0	8	0	.18	- 2.58	.13	27	.0	0		1	0	0		
PANA	65.5	41.0	53.3	- 4.5	80	17	29	11*	355	0	0	5	0	.47		.47	27	.0	0		3	0	0		
SPRINGFIELD WB AIRPORT R	68.4	38.1	53.3	- 3.4	86	17	24	20	356	0	0	8	0	.16	- 2.75	.16	27	.0	0		1	0	0		
VIROEN 1 SSW	68.6	38.3	53.5		84	17	23	10	350	0	0	10	0	.09		.09	27	.0	0		1	0	0		
WHITE MALL 1 E	68.4	39.5	54.0	- 4.4	82	17	26	20	337	0	0	7	0	.20	- 2.86	.18	27	.0	0		1	0	0		
DIVISION			53.9	- 4.0										.31	- 2.64			.0							
* * * WEST SOUTHWEST 08																									
CHARLESTON	67.4	42.0	54.7		83	17	29	23*	314	0	0	5	0	.30	- 2.60	.21	19	.0	0		1	0	0		
EFFINGHAM	68.6	40.3	54.5	- 2.8	85	17	28	11*	324	0	0	7	0	.45	- 2.60	.29	19	.0	0		1	0	0		
FLORA 2 NW	69.1	37.7	53.4	- 5.0	85	17	24	11*	353	0	0	10	0	.25		.16	27	.0	0		1	0	0		
MARSHALL 1 E	68.2	34.8	51.5		83	17	22	24*	413	0	0	12	0	.60		.33	18	.0	0		2	0	0		
MATTOON	65.7	38.8	52.3		81	17	26	10	386	0	0	8	0	.21		.11	18	.0	0		1	0	0		
MOWEAQUA	69.0	38.4	53.7		85	17	23	23	344	0	0	6	0	.19		.14	27	.0	0		1	0	0		
NEWTON	68.5	40.5	54.5		81	17	28	24	326	0	0	4	0	.54		.33	18	.0	0		2	0	0		
OLNEY 2 S	70.3	40.0	55.2	- 3.8	83	17	20	21	305	0	0	7	0	.54		.40	26	.0	0		1	0	0		
PALESTINE	69.2	38.0	53.6	- 4.4	84	17	25	10	346	0	0	8	0	.55	- 2.38	.46	18	.0	0		1	0	0		
PARIS WATERWORKS	66.2	39.5	52.9	- 4.4	82	17	25	10	373	0	0	8	0	.73	- 2.15	.45	18	.0	0		2	0	0		
SALEM	68.8	39.2	54.0		85	17	26	20	334	0	0	7	0	.53	- 2.52	.40	27	.0	0		2	0	0		
TUSCOLA	65.8M	38.4M	52.1M		81	17	24	10	398	0	0	9	0	.17	- 2.93	.17	8	.0	0		1	0	0		
VANDALIA FAA AIRPORT	67.8	34.8	51.3		84	17	23	11*	415	0	0	12	0	.45		.31	27	.0	0		1	0	0		
WINDSOR	68.1	39.2	53.7	- 3.4	83	17	24	10	349	0	0	7	0	.16	- 3.01	.10	18	.0	0		1	0	0		
DIVISION			53.4	- 4.4										.41	- 2.54			.0							
* * * WEST SOUTHWEST 09																									
ANNA 1 E	70.7	43.0	56.9	- 3.3	84	17	29	10	253	0	0	2	0	.14	- 3.13	.14	8	.0	0		1	0	0		
BELLEVILLE SCOTT AFB	67.6	40.1	53.9		84	17	28	11	338	0	0	4	0	.31		.26	27	.0	0		1	0	0		
CAIRO WB CITY	69.4	47.2	58.3	- 3.6	83	17	37	20*	208	0	0	0	0	T	- 2.88	T	27*	.0	0		0	0	0		
CARBONDALE SEWAGE PL	71.5	39.0	55.3	- 4.3	81	21*	25	11*	305	0	0	10	0	T	- 3.15	T	29*	.0	0		0	0	0		
CARLYLE RESERVOIR	68.5	38.3	53.4		84	18	27	10	350	0	0	8	0	.43		.37	27	.0	0		1	0	0		
COBDEN 2 S	69.8	40.6	55.2		82	17	28	6	302	0	0	5	0	T		T	27	.0	0		0	0	0		
OU QUIN 2 S	70.1	40.9	55.5	- 4.2	83	17	30	10	291	0	0	3	0	.03	- 3.12	.03	27	.0	0		0	0	0		
EAST ST LOUIS PKS COL	69.9M	43.3M	56.6M		85	17	29	10	253	0	0	3	0	.08		.08	27	.0	0		1	1	0		
MAKANDA 1 NW	69.2	43.1M	56.2M		82	17	27	10	275	0	0	3	0	.14		.14	28	.0	0		1	0	0		
NASHVILLE 3 NW	70.1M	38.8M	54.5M		83	17	23	10	330	0	0	3	0	.22	- 2.85	.15	27	.0	0		1	0	0		
NEW BURNSIDE	70.9	40.7	55.8	- 3.9	82	17	25	10	287	0	0	9	0	.03	- 3.02	.03	8	.0	0		0	0	0		
SPARTA	71.1	41.6	56.4	- 4.4	84	17	26	10	266	0	0	5	0	.19	- 2.98	.19	27	.0	0		1	0	0		
WATERLOO 1 WSW	71.6	41.3	56.5		86	17	27	10	266	0	0	7	0	.40	- 2.68	.40	27	.0	0		1	0	0		
DIVISION			55.7	- 4.2										.21	- 2.89			.0							
* * * WEST SOUTHWEST 09																									
ALBION	71.9	42.7	57.3		85	17	29	20	241	0	0	3	0	.14		.08	28	.0	0		0	0	0		
BROCKPORT DAM 52	70.3	42.1	56.2		83	17	28	10	276	0	0	4	0	.01	- 2.70	.01	15	.0	0		0	0	0		
ELIZABETHTOWN	69.1	40.0	54.6		80	17*	26	10	322	0	0	7	0	T		T	28*	.0	0		0	0	0		
FAIRFIELD RADIO WFIW																									
HARRISBURG	72.2	39.5	55.9	- 4.3	85	17	26	11*	282	0	0	9	0	.03	- 2.82	.03	8	.0	0		0	0	0		
MCLEANSBORO	68.9	41.2	55.1	- 5.0	81	17	29	10	307	0	0	4	0	.04	- 2.87	.04	27	.0	0		0	0	0		
MOUNT CARMEL NO 2	71.4	37.6	54.5		89	18	28	24*	319	0	0	9	0	.13		.10	8	.0	0		1	0	0		
MOUNT VERNON	69.1	40.1	54.6	- 4.7	84	17	27	10	320	0	0	4	0	.40	- 2.69	.20	28	.0	0		2	0	0		
DIVISION			55.5	- 4.2										.11	- 2.73			.0							

See Reference Notes Following Station Index







# DAILY TEMPERATURES

ILLINOIS  
OCTOBER 1964

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																	
ALEOO	MAX	76	72	75	71	58	57	70	68	51	52	60	65	65	72	76	78	82	71	55	54	57	53	53	71	75	73	63	67	62	62	67	65.5
	MIN	46	54	43	41	31	32	35	39	29	24	30	44	39	36	39	48	50	46	29	26	42	29	27	33	46	49	51	49	35	30	38	38.4
OIXON	MAX	76	69	75	70	56	56	68	61	50	50	59	64	68	72	75	79	82	70	53	48	58	54	52	67	74	70	61	70	59	61	67	64.3
	MIN	49	56	41	40	35	30	33	42	31	24	29	44	35	37	38	40	46	50	30	28	38	30	28	27	42	44	50	42	39	27	38	37.5
FREEMPT	MAX	74	67	73	66	52	50	67	64	47	48	58	64	66	70	74	77	73	68	52	48	55	51	53	66	75	75	61	69	57	61	67	62.8
	MIN	50	56	46	45	34	30	28	42	30	20	25	45	32	34	34	37	47	48	30	35	44	27	23	24	39	48	53	43	36	25	31	36.8
FULTON OAM 13	MAX	74	69	73	69	55	52	69	65	48	48	58	63	62	69	70	76	77	67	54	51	55	51	53	67	72	73	65	68	61	62	68	63.4
	MIN	45	56	42	45	38	34	33	43	32	28	29	45	37	37	38	42	45	51	32	29	48	36	35	28	38	45	51	45	40	28	37	39.1
GALVA	MAX	71	70	74	71	57	58	70	67	51	52	60	65	67	71	75	78	81	73	56	52	58	52	53	68	75	75	60	66	60	61	67	65.0
	MIN	45	57	42	40	34	30	34	41	30	26	28	44	36	41	45	47	46	51	30	25	42	32	30	31	40	45	49	47	37	30	35	38.4
GENESEO	MAX	75	72	75	71	56	57	70	67	52	55	59	65	66	72	75	78	82	75	56	53	58	53	52	70	75	74	63	66	60	62	68	65.5
	MIN	42	57	45	45	35	31	35	43	25	26	27	45	37	35	40	45	51	52	31	28	46	27	28	31	43	52	52	50	38	30	37	39.0
HENNERIN ROWER RLANT	MAX	76	73	75	73	56	58	72	68	50	51	60	64	68	72	74	78	84	69	57	49	58	55	54	67	76	74	68	67	59	61	69	65.6
	MIN	42	58	37	47	36	28	29	46	34	21	24	44	34	36	36	39	53	32	30	43	27	29	24	38	39	46	45	44	27	31	36	36.6
KEWANEE	MAX	75	74	74	65	56	57	69	68	50	50	59	63	67	70	73	77	78	78	60	52	56	55	51	67	74	72	66	65	64	60	66	64.9
	MIN	48	57	48	43	35	35	36	43	31	26	30	45	41	44	45	48	58	47	31	30	45	33	33	34	45	48	51	52	38	33	39	41.0
MOLINE WB AIRPORT	MAX	77	71	77	60	57	58	71	55	52	50	60	64	65	71	76	80	82	62	49	53	57	52	52	71	75	75	61	69	56	63	69	64.4
	MIN	50	46	46	45	36	31	38	44	29	24	28	41	36	35	38	42	49	42	31	25	30	24	25	28	39	52	49	49	30	27	36	36.9
MORRISON	MAX	75	74	75	64	55	55	69	66	48	50	59	64	66	71	75	79	81	74	62	49	57	52	51	67	75	75	73	69	66	62	67	65.3
	MIN	43	54	57	42	33	27	28	40	28	20	25	43	32	32	34	35	39	44	29	26	46	25	25	22	32	38	50	42	35	22	34	34.6
MOUNT CARROLL	MAX	73	69	73	70	54	52	66	67	43	48	48	64	65	69	73	77	80	73	55	49	55	51	50	67	74	73	62	68	61	60	77	63.4
	MIN	50	55	40	42	35	31	31	42	30	20	20	42	32	32	34	36	40	48	29	27	43	25	22	21	42	40	51	42	36	23	31	35.2
PAW PAW	MAX	66	72	66	70	57	52	62	65	50	46	44	54	59	63	66	70	72	80	59	45	48	55	53	50	63	72	72	62	69	51	57	60.0
	MIN	42	44	40	39	32	29	32	34	35	22	24	32	40	42	42	48	46	50	29	28	29	26	26	28	35	41	42	42	38	29	29	35.5
ROCHELLE 1 W	MAX	68	74	68	73	57	54	53	68	49	46	48	58	62	62	71	74	76	80	61	45	50	56	53	52	65	74	72	64	68	50	59	61.6
	MIN	44	47	40	37	32	27	30	37	33	20	24	35	31	35	40	38	46	50	26	23	28	24	24	24	30	44	48	41	35	24	36	34.0
ROCKFORD WB AIRPORT	MAX	74	68	73	57	53	51	67	55	48	48	57	62	66	69	72	76	80	61	45	49	55	53	51	63	73	72	61	68	49	59	67	61.4
	MIN	47	42	40	43	36	29	29	40	28	24	29	39	32	35	37	38	42	41	28	25	36	31	24	26	38	41	45	41	29	27	35	34.7
STOCKTON	MAX	75	69	72	65	53	50	65	61	47	50	56	64	65	70	73	76	80	68	52	49	54	50	52	65	72	73	60	66	56	60	65	62.4
	MIN	43	49	43	41	33	32	33	38	28	22	29	45	40	42	48	56	48	42	28	27	42	30	30	30	44	47	50	47	34	27	39	38.3
TISKILWA	MAX	76	73	76	72	67	58	72	68	50	52	61	66	70	73	76	80	83	73	60	50	59	55	54	68	77	75	66	68	62	61	69	66.8
	MIN	40	58	37	38	36	29	29	45	32	21	24	44	33	35	35	36	39	42	32	29	43	26	30	24	43	43	48	43	40	25	30	35.8
WALNUT	MAX	76	71	74	70	56	57	68	65	51	51	57	64	68	72	75	78	81	73	53	60	58	55	63	66	74	73	61	68	64	60	67	65.0
	MIN	46	57	42	41	33	30	29	43	30	23	33	44	36	39	44	47	49	51	29	28	43	28	27	31	44	48	51	50	34	30	38	38.6
NORTHEAST 02																																	
ANTIOCH	MAX	72	68	71	65	54	48	63	60	44	51	57	61	69	70	74	75	79	69	53	45	54	55	52	62	75	72	62	69	54	58	65	62.1
	MIN	48	55	45	44	34	31	31	39	31	23	29	44	38	38	42	43	49	49	32	29	41	29	27	31	45	48	48	44	40	30	36	38.5
AURORA COLLEGE	MAX	75	69	74	60	56	55	68	65	46	50	57	62	69	71	74	76	80	63	47	46	57	55	52	62	74	72	62	70	58	58	66	62.9
	MIN	46	44	39	42	35	27	31	41	33	25	27	42	35	28	40	40	43	41	29	23	36	30	26	25	38	40	47	43	33	28	36	35.2
BARRINGTON 1 NW	MAX	73	73	72	72	56	52	65	66	44	48	55	57	66	69	72	72	78	74	59	45	53	53	50	60	74	74	70	67	67	57	66	63.2
	MIN	45	54	42	41	31	25	23	40	29	18	23	38	30	31	37	37	47	46	26	20	40	22	22	28	42	46	45	40	37	24	36	34.4
CHICAGO O HARE AIRPORT	MAX	76	71	76	60	56	52	68	60	44	48	56	61	68	70	74	76	80	62	47	45	57	54	53	62	76	72	63	68	51	58	67	62.3
	MIN	47	46	44	43	39	25	24	40	24	20	24	36	30	33	33	37	43	42	27	23	32	28	22	24	41	48	46	41	27	24	29	33.6
CHICAGO UNIVERSITY	MAX	77	70	76	61	54	48	67	59	42	47	58	63	66	68	71	72	80	63	48	47	57	51	53	63	76	72	64	68	55	59	64	61.9
	MIN	51	52	49	45	41	37	36	41	34	32	35	46	46	45	47	47	52	47	38	33	44	40	40	37	48	51	53	51	42	40	43	43.3
CHICAGO WB AIRPORT	MAX	77	70	76	60	54	52	69	61	43	48	57	63	69	72	74	78	81	63	48	47	58	53	54	64	77	73	64	70	53	60	69	63.1
	MIN	49	49	44	42	39	33	34	40	32	27	30	44	40	42	42	45	45	46	34	28	40	35	33	30	41	46	50	46	37	32	36	39.1
CHICAGO WB CITY	MAX	75	69	74	60	53	47	67	59	43	46	54	60	64	63	68	70	78	63	49	48	55	49	53	61	74	71	63	68	55	59	60	60.6
	MIN	54	55	51	48	43	39	39	41	37	34	39	50	52	53	56	58	58	47	39	36	46	42	43	40	49	53	56	53				

# DAILY TEMPERATURES

ILLINOIS  
OCTOBER 1964

Continued

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WEST 03																																	
GALESBURG	MAX	75	70	75	60	58	59	71	58	51	53	59	65	69	73	75	78	81	61	51	53	59	53	53	70	75	72	65	70	54	62	66	64.3
	MIN	48	45	38	41	33	29	28	42	31	27	31	45	35	39	41	44	47	41	31	25	39	24	28	32	44	49	53	48	35	32	40	37.6
GOLOEN 1 NW	MAX	77	75	77	68	60	63	74	68	55	56	63	65	69	74	77	80	84	73	57	58	60	58	57	74	78	73	70	72	62	64	68	68.0
	MIN	45	54	40	41	32	29	37	43	30	23	32	45	36	39	39	42	48	52	30	25	45	26	27	35	44	48	53	49	38	32	37	38.6
LA HARPE	MAX	78	75	77	74	58	62	72	69	54	56	62	67	68	73	78	80	83	78	56	56	62	55	74	77	72	67	71	62	64	68	68.3	
	MIN	46	57	41	44	34	30	37	43	30	28	30	43	41	41	45	46	47	49	41	24	43	32	30	43	45	50	47	39	30	31	39.6	
MCNMOUTH	MAX	75	72	75	73	59	59	72	67	53	54	59	66	68	73	75	78	79	69	56	54	60	55	54	71	76	73	65	70	60	62	66	66.1
	MIN	43	56	41	43	33	31	35	41	29	23	28	39	36	39	40	45	46	50	30	27	43	26	25	30	41	45	52	51	39	31	37	37.9
QUINCY	MAX	80	72	78	69	62	63	73	68	54	55	62	64	67	73	76	81	83	73	53	59	65	56	57	75	78	69	71	74	62	66	68	67.9
	MIN	41	62	46	48	37	35	42	46	33	28	36	48	42	43	45	47	54	53	36	29	48	32	32	40	52	54	54	54	40	32	34	43.6
QUINCY FAA AIRPORT	MAX	77	70	74	63	58	64	72	61	54	56	61	62	70	71	75	79	82	61	53	57	65	55	58	72	76	67	68	71	58	64	68	65.9
	MIN	47	48	43	43	34	31	40	44	30	28	31	43	41	44	47	49	50	40	31	25	40	32	30	36	46	50	54	50	40	34	39	40.0
RUSHVILLE	MAX	74	66	69	64	64	64	76	55	53	58	63	71	68	72	76	79	85	62	52	58	60	57	60	75	80	73	72	74	64	65	71	67.1
	MIN	45	59	39	45	34	31	34	45	32	28	29	42	35	38	42	42	52	45	31	25	41	31	31	33	40	52	50	50	42	31	39	39.1
* * *																																	
CENTRAL 04																																	
BLOOMINGTON NORMAL	MAX	76	75	74	73	64	60	70	64	50	50	59	64	71	74	75	79	81	80	55	50	62	58	55	65	74	72	70	64	70	61	68	66.5
	MIN	50	60	42	45	36	33	36	48	37	28	33	46	40	40	44	44	48	54	32	29	42	34	33	30	49	50	55	47	47	31	41	41.4
CHENOA	MAX	76	68	75	73	60	60	70	63	50	50	60	65	70	73	75	78	80	70	50	49	61	55	55	65	76	72	66	72	71	61	69	65.9
	MIN	37	58	42	36	32	30	30	46	34	23	25	44	37	35	36	39	45	46	30	26	42	29	29	25	45	40	52	51	41	26	30	37.0
DECATUR	MAX	79	72	77	70	59	65	72	65	55	56	62	70	74	76	81	81	85	69	55	53	67	62	60	69	78	74	67	75	62	64	70	68.5
	MIN	51	61	40	42	36	30	38	48	36	26	35	45	40	41	43	40	41	43	33	28	43	28	28	31	45	46	53	52	48	30	39	40.0
FARMER CITY	MAX	79	71	76	64	57	64	74	65	52	54	60	67	73	75	77	80	83	65	66	54	63	58	57	67	78	78	68	72	62	68	67.6	
	MIN	45	56	36	39	36	28	32	46	37	23	23	42	37	37	42	42	39	44	26	26	40	26	29	24	40	37	52	45	25	34	36.3	
HAVANA	MAX	78	76	76	72	59	63	74	71	53	62	67	71	74	76	78	85	83	62	55	64	60	57	71	78	73	69	74	69	59	62	68	69.2
	MIN	42	60	43	44	37	29	31	47	36	23	47	37	37	38	37	39	38	55	33	23	41	27	32	27	37	41	55	50	47	27	42	38.8
LACON 1 E	MAX	76	72	75	67	57	60	72	67	51	50	61	66	70	72	75	78	81	72	60	51	60	55	54	66	76	74	66	72	58	61	68	65.9
	MIN	44	57	40	43	34	32	34	45	32	24	28	45	35	38	37	40	43	54	31	31	38	28	30	27	45	47	55	50	45	27	36	38.5
LINCOLN	MAX	78	72	77	65	59	64	72	60	54	55	62	67	70	75	77	79	82	65	63	54	64	58	56	69	78	75	70	72	61	61	68	67.2
	MIN	44	58	39	39	34	31	34	44	34	24	29	44	37	40	40	40	43	40	29	27	38	27	27	30	30	43	54	52	46	28	36	37.5
MASON CITY	MAX	77	70	73	69	57	54	72	70	55	49	61	69	69	72	74	76	80	75	63	56	54	52	52	67	75	68	70	74	68	59	65	66.0
	MIN	43	45	40	43	34	30	34	44	32	24	29	34	38	39	40	44	55	49	31	25	26	22	30	33	43	45	53	49	28	26	39	36.9
MINONK	MAX	78	70	77	63	57	62	73	65	50	53	61	67	71	76	76	79	85	64	59	52	61	58	57	67	79	74	67	73	60	61	62	66.4
	MIN	46	57	39	40	34	29	32	43	31	25	29	44	37	39	42	45	44	52	27	24	41	27	30	28	41	41	51	47	41	27	27	37.4
PEORIA WB AIRPORT	MAX	76	70	74	62	57	60	73	58	51	50	60	65	69	71	74	76	80	61	51	51	61	54	53	67	75	73	65	70	58	60	67	64.3
	MIN	43	43	40	41	34	30	36	43	30	25	32	43	37	39	41	44	46	39	30	27	37	29	30	31	40	45	51	49	34	26	39	37.2
PRINCEVILLE 1 N	MAX	76	75	75	69	55	59	76	55	53	58	63	71	68	72	76	79	85	62	52	58	60	57	60	75	80	73	72	74	64	65	71	67.1
	MIN	49	57	43	45	34	30	34	45	32	28	29	42	35	38	42	42	52	45	31	25	41	31	31	33	40	52	50	50	42	31	39	39.1
* * *																																	
EAST 05																																	
DANVILLE	MAX	78	74	77	71	58	63	71	65	50	53	60	69	73	74	76	80	82	68	53	50	66	59	57	65	77	72	67	71	64	61	70	66.9
	MIN	41	62	37	46	39	30	29	48	40	25	26	32	36	36	38	38	36	43	32	21	44	25	27	23	32	34	50	45	48	27	29	36.1
HOOPESTON	MAX	75	69	74	65	55	58	70	60	47	51	58	65	70	71	74	77	80	61	48	46	61	56	54	63	75	70	66	70	62	58	68	63.8
	MIN	42	58	39	43	36	32	30	46	37	24	27	38	37	42	44	40	40	44	30	28	44	27	25	25	43	42	52	49	44	27	33	37.8
KANKAKEE 3 SW	MAX	76	75	75	74	59	58	70	69	47	50	57	64	69	71	74	77	80	77	56	47	60	55	55	63	76	72	66	70	60	59	67	65.4
	MIN	43	59	37	42	39	28	29	47	37	24	26	37	33	35	35	38	38	50	28	24	44	26	26	23	37	37	47	43	46	24	32	35.9
PONTIAC	MAX	77	77	77	76	59	62	72	70	57	53	60	67	72	76	78	83	83	81	62	50	63	57	58	67	77	74	68	72	68	63	68	68.6
	MIN	44	58	40	45	38	32	33	48	39	26	28	39	38	43	39	40	43	39	30	26	46	30	32	25	39	40	51	48	47	28	35	38.5
GRANTOUL CHANUTE AFB	MAX	75	69	74	62	55	59	69	55	48	48	57	63	67	70	72	75	78	56	48	47	61	53	51	62	74	69	65	69	57	56	66	62.3
	MIN	44	52	40	44	39	31	31	43	35	27	27	42	44	42	46	45	46	44	32	28	38	31	30	28	40	38	50	46	36	32	37	38.3
ROBERTS 3 N	MAX	80	75	75	70	55	60	70	65	54	51	59	65	70	75	74	89	84	75	56	48	62	55	55	64	76	72	67	72	65	60	68	66.6
	MIN	47	55	42	45	39	30	30	40	40	24	25	39	37	38	40	40	42	51														



# DAILY TEMPERATURES

Station	Day of Month																															Average				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
JERSEYVILLE 2 SW	MAX MIN	77 41	77 60	77 35	75 42	63 36	66 29	73 33	72 49	55 33	57 23	64 22	68 48	74 38	74 38	77 40	80 36	82 39	80 52	59 33	55 23	72 45	68 26	58 29	70 31	76 39	72 41	71 52	73 50	69 52	62 28	66 34	69.7 38.0			
MERRISONVILLE 4 SE	MAX MIN	79 45	72 59	79 39	65 41	59 35	65 30	73 33	63 49	55 35	55 24	63 28	71 43	72 38	75 41	77 41	79 41	84 44	72 52	58 32	53 24	69 40	58 27	56 26	70 31	76 39	73 41	68 53	75 51	64 46	62 35	66 35	67.9 38.5			
PANA	MAX MIN	76 49	70 54	75 42	66 46	57 38	62 35	70 35	63 47	52 36	52 29	60 29	68 43	70 44	73 46	74 48	77 46	80 46	86 47	80 36	86 30	63 50	55 36	56 30	67 42	56 33	54 30	66 34	76 62	71 42	66 53	73 51	65 48	59 32	66 37	65.5 41.0
SPRINGFIELD WB AIRPORT	MAX MIN	80 46	75 45	80 41	67 42	62 37	66 32	75 35	61 45	55 33	56 26	64 33	69 45	72 39	75 40	78 39	80 40	86 44	63 39	86 40	86 44	63 50	55 36	56 30	68 42	58 33	58 27	72 31	79 44	75 48	69 55	75 49	62 39	62 29	68 37	68.4 38.1
VIROEN 1 55W	MAX MIN	79 45	75 59	77 38	68 43	59 39	66 30	74 33	65 49	66 35	56 28	62 44	56 44	73 38	75 41	77 40	80 39	84 42	75 43	55 32	56 26	63 49	59 27	58 28	71 32	77 42	73 43	69 54	75 62	64 50	62 27	68 33	68.6 38.3			
WHITE HALL 1 E	MAX MIN	77 45	73 60	76 37	72 42	59 36	65 33	74 34	68 49	54 35	55 28	61 28	66 46	70 39	73 41	76 41	79 40	82 41	77 55	60 33	55 26	69 44	65 28	57 30	71 32	72 39	74 43	69 53	74 48	62 50	62 29	68 38	68.4 39.5			
• • •																																				
EAST SOUTHEAST 07																																				
CHARLESTON	MAX MIN	77 49	74 62	78 44	70 45	58 38	65 32	71 38	65 48	54 39	54 29	60 34	71 46	73 44	75 44	76 47	79 44	83 47	75 50	53 34	52 31	67 44	58 31	57 29	65 35	73 43	72 46	65 52	73 52	67 51	62 31	66 40	67.4 42.0			
EFFINGHAM	MAX MIN	81 45	75 60	80 39	66 47	59 39	66 33	74 32	64 48	55 37	56 28	62 39	74 46	76 42	75 44	78 46	80 47	85 41	68 54	55 37	54 30	71 41	59 32	57 33	69 29	78 38	75 41	65 51	76 50	64 53	62 31	68 35	68.6 40.3			
FLORA 2 NW	MAX MIN	80 42	78 58	79 36	70 41	63 36	65 35	72 32	62 48	56 35	56 24	63 24	74 35	76 40	78 41	78 43	80 43	85 38	74 49	55 32	54 29	74 42	62 27	58 29	68 25	76 34	74 35	63 50	77 49	68 49	62 29	67 30	69.1 37.7			
MARSHALL 1 E	MAX MIN	78 39	77 56	79 35	75 42	60 37	65 33	71 26	65 40	53 40	54 24	62 22	71 31	76 38	76 40	77 41	80 38	83 37	75 43	54 33	52 25	69 39	61 25	57 27	64 22	72 30	72 31	65 46	75 46	65 45	63 25	69 30	68.2 34.8			
MATTOON	MAX MIN	77 46	73 45	76 40	64 45	57 38	63 35	71 35	60 45	52 35	53 26	60 30	70 40	73 41	73 43	75 46	78 47	81 42	62 42	52 35	52 29	68 41	58 28	55 31	65 30	74 41	72 42	64 53	73 52	59 48	61 37	67 32	65.7 38.8			
MONAQUA	MAX MIN	78 44	73 60	78 36	68 41	54 36	64 26	73 32	64 48	53 35	61 26	63 36	70 45	72 48	75 41	77 44	80 44	85 41	67 44	58 44	52 38	67 40	58 24	56 23	68 27	77 34	78 34	75 53	75 45	75 48	76 33	69 33	69.0 38.4			
NEWTON	MAX MIN	78 46	78 61	77 40	75 48	61 38	65 35	70 34	66 49	55 36	55 29	62 30	71 37	74 42	75 45	77 47	79 45	81 42	74 50	55 37	52 29	70 41	69 33	57 33	64 28	74 37	72 40	65 51	75 51	69 53	60 34	67 35	68.5 40.5			
OLNEY 2 S	MAX MIN	81 45	80 62	79 36	77 45	60 39	66 37	72 24	64 51	67 39	67 52	65 27	73 33	76 35	78 34	76 44	80 42	83 43	75 50	55 43	55 30	75 41	65 29	57 32	75 26	74 38	65 40	77 54	67 52	62 48	67 31	65 30	70.3 40.0			
PALESTINE	MAX MIN	81 43	78 53	81 40	68 44	60 39	67 33	72 34	65 46	57 36	57 25	65 26	74 35	77 41	78 41	78 42	82 39	84 42	68 48	55 33	54 27	73 43	60 29	60 26	67 26	76 34	75 38	65 45	76 50	65 42	62 31	69 30	69.2 38.0			
PARIS WATERWORKS	MAX MIN	77 46	73 61	78 42	63 44	57 37	63 32	71 34	63 46	55 40	54 25	60 30	70 38	73 40	75 42	77 43	80 42	82 42	61 48	51 33	51 27	65 43	57 27	57 29	64 32	74 44	71 44	65 52	73 51	63 46	60 29	68 34	66.2 39.5			
SALEM	MAX MIN	80 46	76 59	78 39	70 42	61 38	65 32	71 35	64 49	55 34	56 29	65 30	71 39	75 41	77 43	78 47	81 41	85 39	72 50	55 32	53 26	74 39	64 35	58 29	70 25	76 38	73 40	62 51	75 47	66 49	62 33	66 35	68.8 39.2			
TUSCOLA	MAX MIN	76 46	74 60	76 47	57 36	63 31	63 33	70 33	66 47	53 41	51 24	58 30	69 39	71 40	72 41	74 43	77 43	81 44	62 53	54 30	50 29	65 41	58 28	55 26	63 26	75 37	70 40	65 50	70 47	65 50	65 26	65 26	65.8 38.4			
VANDALIA FAA AIRPORT	MAX MIN	79 42	73 44	78 35	64 41	59 35	66 29	73 30	61 44	56 26	56 23	62 23	71 40	77 38	76 39	77 41	80 40	84 36	59 38	54 34	54 26	72 40	60 25	58 26	71 25	77 32	72 34	65 49	75 48	64 37	62 31	67 31	67.8 34.8			
WINDSOR	MAX MIN	75 39	73 60	79 43	72 44	67 31	63 33	73 32	65 48	56 36	54 24	62 28	71 43	74 42	75 41	78 43	80 40	83 46	68 47	53 33	29 29	39 39	57 27	56 26	67 33	76 40	74 44	65 51	74 50	64 48	62 38	68 32	68.1 39.2			
• • •																																				
SOUTHWEST 08																																				
ANNA 1 E	MAX MIN	79 49	78 60	78 46	68 51	60 40	65 38	69 36	69 49	58 37	58 29	65 30	72 38	76 43	78 47	78 55	80 48	84 48	79 55	59 39	57 34	80 43	72 36	62 36	69 36	74 38	67 40	76 47	77 52	74 56	64 39	68 37	70.7 43.0			
BELLEVILLE SCOTT AFB	MAX MIN	78 45	73 48	76 40	68 45	58 40	64 37	73 36	63 45	55 35	56 29	63 28	70 45	73 44	76 46	77 50	80 45	84 43	76 48	55 35	56 31	74 42	61 37	57 32	70 32	76 38	72 40	62 52	72 47	63 51	63 33	69 33	67.6 40.1			
CAIRO WB CITY	MAX MIN	79 55	80 57	79 51	68 54	60 43	64 40	68 45	70 47	58 43	57 37	64 38	71 45	74 48	76 53	72 58	77 52	83 49	68 53	57 43	57 37	79 47	64 45	61 42	67 40	74 43	69 47	73 55	76 57	76 53	64 45	67 42	69.4 47.2			
CARBONALE SEWAGE PL	MAX MIN	80 46	81 60	79 38	70 45	63 39	66 32	71 33	72 52	58 33	59 25	63 34	73 42	75 39	75 40	78 52	80 42	80 39	78 52	57 32	58 29	81 45	72 30	71 30	70 28	75 33	68 37	76 52	78 49	76 59	64 31	69 27	71.5 39.0			
CARLYLE RESERVOIR	MAX MIN	74 45	79 48	76 39	77 45	66 36	63 33	66 35	72 42	63 33	56 27	56 28	63 32	71 43	74 43	75 46	77 46	80 41	64 43	60 46	61 43	75 48	60 33	61 28	68 29	70 33	76 42	65 51	70 52	65 54	66 34	68 35	68.5 38.3			
COBOEN 2 S	MAX MIN	79 47	77 59	77 40	76 49	61 40	64 28	68 33	67 49	58 33	57 29	65 29	71 37	75 41	76 45	77 52	78 46	82 45	78 53	55 37	57 29	72 47	68 38	60 34	68 32	74 35	68 40	74 52	77 50	74 54	65 35	65 40	69.8 40.6			
OU QUON 2 S	MAX MIN	80 48	80 57	77 40	68 48	60 40	65 35	70 34	66 44	57 34	56 30	63 33	73 38	75 39	77 42	78 51	80 43	83 41	78 54	57 36	57 31	76 45	64 35	64 38	70 31	75 37	70 41	71 51	78 50	73 54	63 34	68 34	70.1 40.9			
EAST ST LOUIS PK5 COL	MAX MIN	79 48	75 59	79 41	77 45	63 46	66 33	73 38	68 52	62 42	57 29	64 31	70 48	72 44	75 44	77 48	79 43	85 44	79 56	57 40	60 32	74 49	65 35	58 35	66 34	73 46	70 53	62 53	76 53	67 52	62 36	65 35	69.9 43.3			
MAKANQA 1 NW	MAX MIN	80 49	72 61	77 44	67 50	60 40	64 38	69 41	68 49	57 37	56 27	65 29	71 45	75 46	75																					

# DAILY TEMPERATURES

ILLINOIS  
OCTOBER 1964

Continued

Station	Day of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SOUTHEAST 09																																
ALBION	MAX	81	80	79	79	70	67	71	68	62	59	68	73	78	81	78	83	85	75	60	57	79	69	62	63	75	71	70	78	73	65	71
	MIN	50	62	46	47	39	34	38	51	36	30	31	40	45	49	50	48	49	52	36	29	43	36	35	34	40	40	52	56	55	35	36
BROOKPORT OAM 52	MAX	79	80	80	89	63	65	69	69	63	58	65	71	75	77	72	79	83	70	58	58	77	66	62	65	72	70	75	76	77	68	68
	MIN	47	65	43	55	42	33	35	52	37	28	31	39	45	45	52	47	44	50	38	31	47	35	33	32	36	44	45	51	54	36	33
ELIZABETHTOWN	MAX	78	80	76	70	70	64	68	67	58	55	63	70	73	75	72	76	80	70	58	57	73	70	59	64	71	70	75	77	76	61	67
	MIN	47	61	41	51	40	30	31	48	34	26	28	36	40	43	53	46	39	48	36	27	41	39	37	30	34	36	46	49	54	36	32
FAIRFIELD RADIO WFIW	MAX																															
	MIN																															
HARRISBURG	MAX	83	80	82	73	68	67	70	70	64	58	66	73	78	78	76	82	85	78	60	58	80	76	62	67	76	70	76	76	75	64	68
	MIN	47	60	39	46	40	32	32	51	35	26	26	36	40	42	53	43	40	52	37	32	44	32	31	28	33	35	42	50	57	33	29
MCLEANSBORO	MAX	79	78	78	70	61	65	70	65	57	55	62	71	75	76	75	78	81	70	57	55	77	67	56	65	74	71	72	77	73	61	66
	MIN	47	61	41	50	40	36	34	50	37	29	30	38	42	43	49	48	43	52	37	32	40	36	35	31	36	39	50	50	53	33	34
MCUNT CARMEL NO 2	MAX	76	77	81	78	79	65	67	70	68	59	62	70	70	76	78	77	80	89	70	59	59	78	63	61	66	72	73	71	79	72	67
	MIN	49	54	42	42	40	35	35	36	36	28	31	35	35	43	45	45	43	44	36	29	29	29	28	31	38	38	48	48	33	32	
MCUNT VERNON	MAX	79	79	77	71	63	65	70	67	57	56	64	71	75	76	77	81	84	73	54	55	67	67	58	69	78	72	63	77	70	60	67
	MIN	45	59	40	48	40	33	34	53	35	27	29	39	41	43	49	45	41	50	37	31	41	35	35	31	37	36	36	50	52	36	33

6 MAXIMUM AND MINIMUM TEMPERATURES ARE THE HIGHEST AND LOWEST HOURLY READINGS FOR EACH DAY.

# EVAPORATION AND WIND

Station	Day of Month																															Total for Mth.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																
WENNEPIN POWER PLANT	EVAP	.19	.22	.25	.26	.17	.19	.15	.20	.13	.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	44	90	63	101	82	55	60	106	88	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	MAX	76	73	72	69	60	62	65	62	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	MIN	50	60	46	46	41	38	41	48	40	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EAST 05																																
URBANA	EVAP	.16	.12	.16	.15	.29	.13	.12	.25	.10	.10	.08	.15	.11	.12	.13	.12	.13	.17	.12	.09	.15	.18	.11	.08	.20	.16	.13	.06	.08	.12	.11
	WIND	39	42	35	63	69	44	50	110	64	39	34	31	16	13	15	13	13	32	56	40	90	59	33	20	69	55	47	57	39	43	
	MAX	74	77	72	73	68	62	61	66	62	60	61	63	66	73	72	73	74	75	53	56	90	62	60	59	62	68	66	64	78	64	
	MIN	48	49	48	48	41	39	38	38	42	38	37	38	45	47	51	51	52	52	58	34	33	38	38	38	38	42	44	51	56	39	
WEST SOUTHWEST 06																																
SPRINGFIELD WB AIRPORT	EVAP	.19	.26	.23	.11	.21	.22	.24	.22	.24	.11	.12	.12	.12	.13	.13	.11	.16	.25	.29	.14	.30	.10	.09	.13	.23	.21	.09	.14	.19	.09	
	WIND	60	136	80	149	132	90	112	188	146	35	51	32	24	19	19	9	29	167	129	91	150	85	42	37	91	82	97	66	100	38	
	MAX	78	73	74	68	62	62	67	62	59	61	63	65	72	74	74	75	76	71	57	51	64	60	60	63	69	65	75	71	67	60	
	MIN	50	60	46	46	40	39	41	49	39	39	40	48	46	48	48	48	49	54	40	36	41	39	38	39	46	48	55	55	54	39	
SOUTHWEST 08																																
CARLYLE RESERVOIR	EVAP	.17	.17	.21	.18	.27	.18	.12	.30	.17	.19	.12	.14	.11	.13	.15	.16	.15	.21	.09	.15	.18	.23	.16	.26	.12	.17	.13	.07	.07	.15	.12
	WIND	39	63	58	64	108	70	38	178	87	66	39	32	36	23	32	27	50	43	83	62	108	82	69	35	45	41	63	42	35	72	
	MAX	75	79	76	76	64	64	66	72	68	62	61	63	66	73	73	74	74	75	56	59	55	72	62	59	64	69	67	63	73	69	
	MIN	47	50	48	47	38	37	36	40	38	35	35	36	44	47	49	50	49	48	36	35	35	38	37	32	37	44	46	52	54	39	









REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, P. O. Box 143, Station "A", Champaign, Illinois 61824, or to any Weather Bureau Office near you.

**DIMENSIONAL UNITS.** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are tens of degrees.

**OBSERVATION TIME.** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations, consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

**SNOWFALL:** Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1931-1960.

**DIVISIONS,** as used in this publication, became effective with data for January 1957.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

**DELAYED DATA AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- o No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- /f Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- \* Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

91° 90° 89° 88°

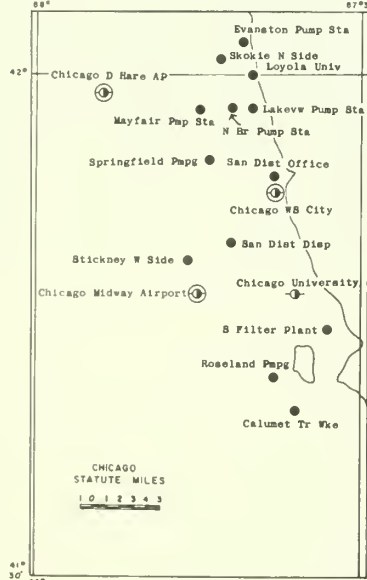
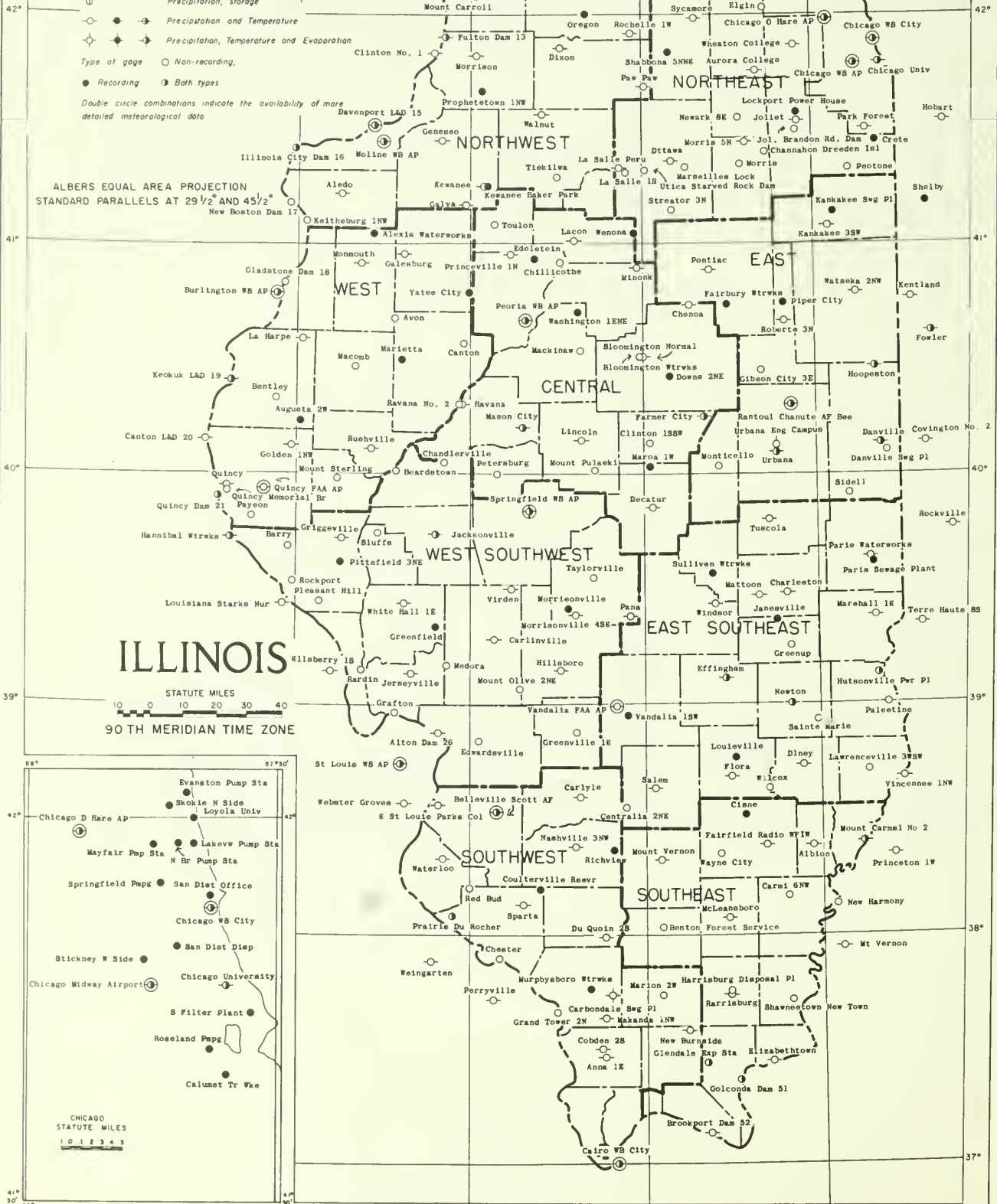
STATION LEGEND

- ● ○ Precipitation only
  - ● ○ Precipitation, storage
  - ● ○ Precipitation and Temperature
  - ● ○ Precipitation, Temperature and Evaporation
  - Type of gage ○ Non-recording,
  - Recording ○ Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°  
New Boston Dam 17

# ILLINOIS

STATUTE MILES  
10 20 30 40  
90 TH MERIDIAN TIME ZONE









U. S. DEPARTMENT OF COMMERCE  
LUTHER H. HODGES, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS



NOVEMBER 1964  
Volume 69 No. 11



ILLINOIS - NOVEMBER 1964

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 80° on the 16+ at 7 stations

Lowest Temperature: -14° on the 30th at Golden 1 NW

Greatest Total Precipitation: 5.61 inches at Pleasant Hill

Least Total Precipitation: 0.91 inch at Pontiac

Greatest One-Day Precipitation: 3.98 inches on the 15th at  
Pleasant Hill

Greatest Reported Total Snowfall: 8.0 inches at Barry and Rushville

Greatest Reported Depth of Snow on Ground: 7 inches on the 30+ at  
Golden 1 NW and on the  
29th at Quincy

SPECIAL WEATHER SUMMARY

No precipitation of consequence occurred in the southern two-thirds of the State during the first half of November. This was a two-week extension of the record dry October. Rain on the 16th at Cairo ended a 48-day period without measurable precipitation, the longest on record there. A number of stations in the driest areas endured more than 50 days without any rain of as much as one-tenth inch until the general rains of mid-November. Precipitation was heavy enough during late November to increase monthly totals to near or above normal except in the extreme south.

Temperatures reached the extremes of hot and cold for November. The first half of the month was quite warm and daily maximum records were often equalled or broken. New daily maximum records were established on four days at

Springfield. Two periods of extreme cold occurred late in the month and more records fell. A thick snow cover and clear skies in west-central Illinois on the 30th allowed temperatures to plunge to below zero for new record low temperatures for so early in the season.

Damaging winds were widespread during the storms around the 20th and 27th with numerous thunderstorms on the 27th.

For additional data on severe storms see STORM DATA publication for November 1964.

William L. Denmark  
Weather Bureau State Climatologist  
P. O. Box 143 - Station "A"  
Champaign, Illinois 61824



# CLIMATOLOGICAL DATA

ILLINOIS  
NOVEMBER 1964

Continued

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										90° or Above	32° or Below	32° or Below	10° or Below					Total	Total	Max. Depth on Ground	Date	.10 or More	1.00 or More
* * * WEST SOUTHWEST 06																							
ALTON OAM 26	58.2	38.4	48.3		76	11	4	30	494	0	2	9	0	3.67		1.77	28	1.5	1	30	3	3	2
CARLINVILLE	58.3	35.9	47.1	3.8	79	3	2	30	533	0	3	13	1	2.95	.06	.99	28	2.8	2	30	4	3	0
GRIGGSVILLE	58.4	37.2	47.8	4.9	79	11	3	30	511	0	3	11	1	4.64		1.98	16	4.4	4	30	3	2	2
HILLSBORO	59.0M	36.2	47.6M	4.0	77	15	2	30	521	0	2	10	0	4.07	1.23	1.88	16	1.5	0	0	2	2	2
JACKSONVILLE	58.0	36.5	47.3	4.6	78	11	3	30	527	0	3	12	1	3.05	.53	1.53	16	.0	0	0	3	2	1
* * * EAST SOUTHWEST 07																							
JERSEYVILLE 2 SW	58.8	35.7	47.3		78	3	2	30	530	0	2	12	1	4.41		2.69	16	2.3	1	30	3	2	2
MORRISONVILLE 4 SE	57.5	35.3	46.4	4.0	79	3	0	30	555	0	2	10	1	3.33	.78	1.27	16	3.3	2	30	4	2	2
PANA	57.0	37.1	47.1	4.4	79	2	3	30	533	0	2	9	0	4.64	1.89	2.61	16	3.3	2	30	4	2	2
SPRINGFIELD WB AIRPORT R	57.3	35.6	46.5	4.7	79	3	3	30	554	0	3	12	1	4.19	1.83	2.36	15	4.4	3	30	4	2	2
VIRGEN 1 SSW	57.5	35.1	46.3		77	3	3	30	552	0	3	13	1	3.01		1.26	16	4.0	1	30	3	2	1
WHITE HALL 1 E	58.7	35.7	47.2	3.6	78	11	2	30	526	0	2	12	1	3.47	.98	1.37	16	3.0	2	30	5	2	2
DIVISION																							
			47.2	4.2										3.77	1.15			2.8					
* * * WEST SOUTHWEST 08																							
CHARLESTON	57.6	38.1	47.9		76	15	4	30	511	0	3	9	0	4.88	1.74	2.47	16	2.8			5	2	2
EFFINGHAM	59.4	36.5	48.0	5.3	79	15	3	30	509	0	2	9	0	3.81	.43	1.94	28	1.8	2	30	5	2	2
FLORA 2 NW	60.3	35.3	47.8	3.1	78	2	4	30	510	0	2	11	0	2.63		1.49	28	1.1	1	30	5	1	1
MARSHALL 1 E	60.3	33.4	46.9		76	15	5	30	539	0	1	13	0	4.58		2.35	28	1.6	2	30	4	3	1
MATTOON	56.3	34.7	45.5		76	15	4	30	582	0	4	10	0	4.37		1.89	15	3.0	1	30	5	2	2
MOWEAQUA	58.3	35.0	46.7		78	3	0	30	545	0	2	10	1	5.20		2.20	16	5.0	0		5	3	3
NEWTON	59.9	37.1	48.5		77	15	6	30	492	0	2	9	0	2.69		1.28	28	1.3	1	30	5	1	1
OLNEY 2 S	60.9	36.2	48.6	3.6	77	3	5	30	491	0	2	11	0	2.88		1.13	28	.3	0	0	9	1	1
PALESTINE	60.3	35.4	47.9	4.0	78	3	6	30	509	0	2	10	0	2.03	1.44	.80	28	7.0	2	30	4	2	0
PARIS WATERWORKS	57.5	35.9	46.7	4.4	77	3	6	30	541	0	2	10	0	5.23	2.15	1.98	28	2.5	1	30	7	3	3
SALEM	59.9	36.0	48.0		78	15	3	30	507	0	2	10	0	2.41	-.90	1.38	28	.5	1	30	4	1	1
TUSCULA	55.7M	34.6	45.2M		75	3	4	30	589	0	3	10	0	4.05	1.10	2.12	16	4.0	1	20	5	2	2
VANDALIA FAA AIRPORT	58.3	33.6	46.0		80	15	2	30	569	0	3	11	0	3.08		1.18	27	3.0	2	30	6	3	1
WINDSOR	59.2	35.9	47.6	5.3	77	3	2	30	516	0	1	12	0	4.77	1.76	1.81	16	.2	0	0	4	4	2
DIVISION																							
			47.2	4.0										3.76	.52			2.4					
* * * WEST SOUTHWEST 09																							
ANNA 1 E	61.3	39.4	50.4	4.0	78	14	6	30	441	0	1	8	0	3.16	-.81	1.43	28	.7	1	30	5	2	1
BELLEVILLE SCOTT AFB	58.6M	36.6M	47.6M		75	15	11	22	517	0	3	10	0	1.96		.73	27	.7	1	30	5	2	0
CAIRO WB CITY	60.9	42.1	51.5	3.6	79	15	12	30	407	0	2	8	0	3.48	-.39	1.06	28	1.0	1	30	7	3	1
CARBONDALE SEWAGE PL	61.7	36.8	49.3	3.3	78	14	7	30	473	0	0	8	0	2.99	-.63	1.62	28	.5	1	30	4	2	1
CARLYLE RESERVOIR	59.9	36.8	48.4		80	16	0	30	502	0	2	10	1	1.51		.77	28	2.0	2	30	3	1	0
COBDFN 2 S	61.8	37.5	49.7		77	14	6	30	459	0	0	8	0	2.64		1.21	28	1.0	1	30	5	2	1
OU CUGIN 2 S	61.8	37.8	49.8	3.8	78	14	6	30	459	0	1	8	0	3.96	.47	2.02	28	1.0	1	30	4	2	2
EAST ST LOUIS PK5 COL	61.1	38.1	49.6		78	11	6	30	461	0	2	9	0	2.53		.70	28	.5	1	30	5	3	0
MAKANDA 1 NW	61.5	40.6	51.1		77	14	6	30	422	0	1	8	0	2.83		1.60	28	.5	1	30	4	2	1
NASHVILLE 3 NW	61.7M	37.0M	49.4M		78	15	11	22	478	0	0	9	0	2.76	-.39	1.40	28	1.0	1	30	5	2	1
NEW BURNSIDE					79	14				0	0												
SPARTA	60.7	38.2	49.5	3.3	77	14	5	30	463	0	1	11	0	2.04	1.20	1.08	28	.3	0	0	4	2	1
WATERLOO 1 WSW	61.4	38.1	49.8		79	2	3	30	459	0	2	10	0	1.84	1.44	.86	28	.7	1	30	5	2	0
DIVISION																							
			49.7	3.8										2.64	-.84			.7					
* * * WEST SOUTHWEST 09																							
ALBION	61.8	39.3	50.6		78	3	5	30	432	0	1	8	0	2.17		.92	28	1.0	1	30	5	2	0
BROCKPORT OAM 52	62.7	37.9	50.3		77	15	9	30	443	0	1	7	0	3.41	-.52	1.60	28	1.0	1	30	4	3	1
ELIZABETHTOWN	61.9	36.4	49.2		77	14	6	30	475	0	1	9	0	2.78		.96	28	1.0	1	30	5	2	0
FAIRFIELD RADIO WFIW	60.2	37.4	48.8	3.3	76	2	5	30	482	0	1	8	0	2.23		1.04	28	1.0	1	30	3	2	1
HARRISBURG	63.2	37.0	50.1	3.2	80	14	7	30	449	0	0	8	0	2.41	-.91	.94	19	1.0	1	30	5	2	0
MCLEANSBORO	61.2	37.4	49.3	3.2	78	14	5	30	468	0	2	9	0	2.11	1.40	1.13	28	.5	1	30	3	2	1
MOUNT CARMEL NO 2	63.1	36.3	49.7		78	3	7	30	455	0	1	10	0	2.36		1.05	28	1.0	1	30	5	2	1
MOUNT VERNON	61.1	37.7	49.4	4.6	78	14	4	30	466	0	2	8	0	2.84	-.71	1.78	28	.8	1	30	5	1	1
DIVISION																							
			49.7	3.9										2.54	1.07			.8					

See Reference Notes Following Station Index







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Station	Day of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																
NORTHWEST	01																															
ALECO	MAX MIN	70 42	70 51	72 53	65 50	67 42	55 29	65 44	68 42	70 45	68 43	75 55	68 44	63 37	72 42	67 55	63 40	47 32	46 31	34 26	34 15	21 3	40 11	51 27	51 27	54 27	45 27	48 23	46 23	25 10	18 0	54.5 33.0
OIXON	MAX MIN	67 42	61 48	76 48	69 48	57 40	50 28	62 46	67 39	71 38	69 38	74 53	65 49	81 35	71 40	64 53	59 42	47 31	39 31	34 27	34 15	18 3	34 8	50 23	51 27	54 27	42 28	47 24	47 24	19 9	3 3	52.8 32.4
FREEMORY	MAX MIN	67 38	64 49	75 55	68 51	58 39	52 29	63 49	67 38	69 47	63 39	73 52	65 49	61 39	69 41	65 53	62 46	48 33	28 33	33 28	32 17	16 4	35 10	49 29	52 27	54 26	43 25	41 22	41 21	22 7	17 2	52.1 32.3
FULTON OAM 13	MAX MIN	70 42	63 49	75 53	70 45	58 43	54 35	60 47	68 41	68 44	68 39	74 52	70 54	83 39	72 41	65 53	63 46	48 33	47 33	38 28	32 15	19 4	40 10	51 29	52 27	54 25	48 31	42 25	26 10	17 4	53.9 34.1	
GALVA	MAX MIN	69 35	69 47	77 48	71 48	59 40	52 23	67 46	69 44	72 48	69 38	75 52	68 54	64 35	72 40	66 54	60 42	47 32	40 34	34 28	32 17	19 5	39 8	52 29	53 26	56 26	42 26	49 26	39 24	31 11	20 2	54.4 32.5
GFNESEO	MAX MIN	69 38	62 49	76 53	69 45	59 43	55 35	66 44	69 43	72 47	69 40	74 55	68 52	64 37	72 44	68 56	62 43	50 32	45 33	37 28	35 17	19 5	40 8	53 29	53 27	55 27	45 30	49 25	48 25	18 3	54.8 34.8	
HFNNEPIN POWER PLANT	MAX MIN	70 37	64 47	77 49	72 41	66 43	51 28	62 43	69 40	72 41	71 38	74 56	70 55	64 34	74 38	66 51	65 48	50 32	48 33	37 29	37 18	21 6	36 5	50 27	51 22	55 19	44 28	50 26	29 28	20 13	55.8 32.7	
KFWANEE	MAX MIN	68 43	68 50	75 52	71 49	69 43	54 33	65 42	68 47	72 45	69 38	73 52	70 53	62 38	70 43	67 57	62 45	47 33	46 34	35 27	34 17	17 5	35 11	50 28	50 27	64 28	49 33	48 25	52 25	26 10	18 3	55.1 34.7
MOLINE WB AIRPORT	MAX MIN	71 38	66 49	76 53	69 52	57 43	54 35	67 44	70 42	72 44	70 40	76 59	70 54	64 38	74 48	68 60	60 36	49 34	42 35	36 22	34 12	19 7	41 11	53 31	54 28	56 25	45 28	48 20	40 18	18 3	54.8 33.8	
MORRISON	MAX MIN	69 37	61 43	75 50	74 47	61 40	56 28	64 39	68 36	71 40	68 35	75 52	72 52	69 32	72 35	71 51	68 45	49 29	47 30	39 26	31 16	20 4	35 5	52 22	53 23	55 22	54 16	44 23	46 25	27 8	15 4	55.4 30.5
MOUNT CARROLL	MAX MIN	69 38	64 45	73 52	66 43	57 40	52 28	62 46	65 38	69 44	66 38	73 53	71 51	60 35	70 38	65 52	62 42	47 31	43 29	34 27	31 17	18 5	37 7	50 29	51 28	53 23	48 29	42 22	43 23	25 8	17 2	52.6 31.8
PAW PAW	MAX MIN	65 36	65 41	58 46	72 46	69 37	55 25	50 31	62 38	67 41	69 38	66 45	72 51	61 35	60 35	68 40	62 51	53 31	47 29	38 26	30 12	32 7	15 2	31 10	47 23	49 28	50 23	39 28	50 30	35 8	15 2	51.7 30.4
ROCHELLE 1 W	MAX MIN	65 42	65 46	59 46	75 46	69 37	57 25	50 31	60 38	67 41	70 38	67 40	72 53	61 31	61 37	70 44	62 46	52 27	47 28	38 25	32 14	30 12	24 4	30 15	49 24	50 24	54 28	47 27	49 23	36 7	16 2	52.8 30.0
ROCKFORD WB AIRPORT	MAX MIN	64 40	60 44	74 50	69 45	56 32	51 28	64 46	67 38	70 42	62 39	72 55	62 52	60 37	69 38	64 52	59 43	47 30	40 29	34 18	33 12	15 3	33 7	49 29	52 25	54 24	39 25	47 24	42 16	19 8	21 9	51.5 30.8
STOCKTON	MAX MIN	66 43	64 46	73 53	64 46	66 40	56 32	63 43	64 40	65 45	62 41	72 51	71 48	81 36	67 43	65 52	62 40	46 29	39 29	31 26	33 15	18 0	34 5	47 27	51 28	52 23	43 22	37 22	38 20	20 6	15 0	51.4 32.0
TISKILWA	MAX MIN	70 36	64 49	78 49	71 43	61 35	52 25	66 43	68 40	74 39	71 37	76 52	70 54	64 56	74 35	67 50	64 46	48 33	48 33	34 29	36 14	21 6	36 10	52 25	53 22	55 22	47 24	49 26	52 28	28 13	20 4	55.6 32.0
WALNUT	MAX MIN	68 43	61 49	76 53	71 48	58 38	50 29	68 43	70 40	68 41	73 52	65 48	61 34	72 41	66 54	60 39	53 29	44 24	39 29	32 27	32 9	18 3	35 5	51 29	52 27	51 24	46 28	48 25	48 24	19 10	3 5	53.1 32.0
* * *																																
NORTHEAST	02																															
ANTIUCH	MAX MIN	60 43	67 46	72 50	71 49	62 38	49 33	59 48	63 40	68 41	61 42	70 44	65 48	59 41	87 40	60 53	59 40	45 30	42 28	31 26	29 14	20 4	29 8	45 26	49 27	49 25	39 22	40 36	40 32	38 7	22 4	50.9 32.8
ALDRA COLLEGE	MAX MIN	67 42	61 49	73 49	70 46	59 40	49	60 47	68 40	70 43	68 40	72 55	66 45	61 33	70 39	60 52	47 36	40 28	29 26	33 26	34 14	16 4	31 4	49 22	50 25	53 23	53 27	52 23	54 23	24 10	6 6	52.4 31.8
BARRINGTON 1 NW	MAX MIN	65 38	65 47	73 50	73 48	69 36	59 27	58 44	65 37	69 44	69 36	71 54	71 54	59 37	67 38	67 50	62 42	52 26	45 25	38 22	31 11	23 1	30 6	46 22	47 28	52 30	51 28	40 30	34 5	18 3	54.0 31.1	
CHICAGO O HARE AIRPORT	MAX MIN	67 40	66 51	74 51	71 45	59 29	49	59 46	68 38	71 45	61 37	73 57	67 45	61 38	70 38	62 52	59 46	40 32	29 25	32 22	32 13	15 5	30 7	48 26	49 28	52 19	40 26	54 24	18 9	18 6	52.2 30.6	
CHICAGO UNIVERSITY	MAX MIN	67 47	65 55	76 55	73 53	58 45	51	58 49	64 45	71 52	63 49	74 52	67 45	61 42	70 45	64 57	62 40	45 34	42 36	36 26	33 15	18 8	31 13	50 28	50 32	55 33	42 36	55 36	22 22	13 9	53.3 37.1	
CHICAGO WB AIRPORT	MAX MIN	68 43	64 56	75 52	73 47	60 38	50 33	59 48	68 45	72 47	63 45	74 57	69 45	61 39	71 41	63 54	60 38	48 32	40 31	35 22	33 14	18 7	30 10	50 25	50 28	54 25	40 30	54 31	55 20	21 11	20 8	53.3 34.1
CHICAGO WB CITY	MAX MIN	66 51	65 57	73 58	71 49	58 44	51	58 51	61 51	70 53	63 53	72 59	67 49	60 45	68 60	64 46	49 36	41 35	38 30	38 25	33 19	19 5	30 15	48 29	50 34	54 36	44 36	54 36	55 21	21 13	11 11	52.9 39.5
JOLIET	MAX MIN	69 49	69 49	79 50	78 51	70 42	56 29	65 45	70 44	72 45	72 45	75 57	69 45	83 37	72 37	69 55	63 50	53 31	48 30	38 27	35 18	24 5	32 5	51 25	51 25	53 25	50 33	45 28	47 35	35 11	21 6	56.7 34.7
HARENGO	MAX MIN	63 36	65 44	72 52	71 50	58 39	50	57 48	66 35	70 45	59 36	72 50	64 49	59 37	67 35	63 52	60 42	46 29	40 26	31 26	30 14	18 3	32 7	46 23	48 27	52 26	40 28	45 20	50 27	28 7	18 4	51.3 31.4
MORRIS 5 N	MAX MIN	69 37	65 46	76 49	73 43	60 38	48	62 42	69 38	72 40	70 38	75 47	69 56	64 34	72 35	64 52	62 43	48 29	42 28	33 28	37 28	20 5	33 11	51 22	51 22	55 28	42 28	51 25	58 29	21 7	54.6 31.1	
OTTAWA	MAX MIN	70 41	63 49	79 51	74 47	60 41	52 34	66 45	72 43	74 47	72 41	76 56	68 45	65 39	73 42	66 58	62 44	48 33	42 32	35 29	35 17	22 7	36 13	52 26	54 28	57 25	42 33	52 28	56 28	23 13	55.9 35.1	
PARK FOREST	MAX MIN	68 43	67 54	75 54	73 45	59 35	51	58 48	66 44	71 48	70 50	73 55	67 45	61 37	70 41	66 56	60 35	46 32	42 29	33 22	32 14	19 7	29 9	48 25	48 26	58 26	41 31	57 29	56 20	21 12	22 8	53.5 34.0
PERU SEWAGE PLANT	MAX MIN	69 43	61 51	77 50	72 45	58 33	51	64 45	70 43	73 45	71 39	72 42	63 43	62 35	73 43	65 56	61 37	48 31	42 30	34 22	36 11	22 8	34 11	50 30	51 30	54 23	42 28	54 28	47 20	22 4	53.9 32.1	
SYCAMORF	MAX MIN	63 41	62 46	73 50	71 46	60 39	49	60 47	67 40	70 43	69 38	72 51	62 45	80 36	69 37	61 51	58 46	46 31	39 28	31 25	31 14	18 2	31 6	47 23	49 25	52 29	54 35	44 24	50 24	7 3	51.9 31.0	
WAUKEGAN 2 WNW	MAX MIN	57 44	69 47	75 51	73 50	60 40	49	59 48	67 44	71 46	62 43	73 54	67 45	88 41	67 42	61 52	61 41	48 31	41 29	31 26	29 13	22 6	30 9	47 26	50 29	54 27	41 29	45 25	48 28	20 9	6 5	52.4 34.0
WHEATON COLLEGE	MAX MIN	65 43	60 49	70 53	70 48	60 41	50	69 47	66 44	69 44	63 41	71 52	67 55	59 32																		



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Station		Day of Month																															Average		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
• • •																																			
WFST	03																																		
GALESBURG		MAX MIN	71 43	73 51	77 54	72 50	57 33	58 30	65 45	70 41	72 47	70 43	76 55	64 50	64 35	74 42	67 58	60 36	47 35	44 33	35 20	36 10	20 5		51 30	51 28	55 27	43 28	52 28	40 18	19 7	20 2		55.3 33.6	
GOLGEN 1 NW		MAX MIN	75 43	79 51	79 54	76 48	63 46	65 32	65 46	71 44	75 46	74 47	80 72	72 55	68 34	75 44	67 59	64 45	45 36	45 34	38 29	35 20	22 8	41 11	52 28	52 24	56 26	48 27	57 30	55 29	29 12	13 -14		57.9 35.0	
LA WARPE		MAX MIN	73 49	79 59	79 54	72 49	56 49	62 39	66 53	71 42	74 46	71 43	79 52	75 54	67 33	75 48	69 57	63 43	47 33	47 33	38 28	37 28	19 6	42 8	53 26	53 26	56 26	49 30	53 27	52 26	33 11	15 -3		57.6 34.6	
MCMOUTH		MAX MIN	71 40	74 48	76 52	72 49	58 41	60 32	67 44	70 46	71 46	70 41	75 52	68 55	65 38	73 40	68 57	61 41	47 32	44 31	33 28	31 19	21 5	40 8	52 26	52 25	57 29	46 29	51 26	51 26	20 12	20 1		55.7 34.0	
QUINCY		MAX MIN	77 49	79 59	79 59	76 49	58 49	67 39	68 54	73 49	75 52	80 72	72 55	69 50	70 46	68 61	67 47	46 35	47 40	46 36	38 29	39 19	25 8	43 16	54 33	54 33	58 33	50 33	57 31	56 29	31 11	14 -3		58.8 39.0	
QUINCY FAA AIRPORT		MAX MIN	74 44	76 57	78 55	74 53	57 42	63 37	66 51	69 48	73 49	71 50	79 55	65 43	67 36	74 46	66 61	62 42	45 39	42 32	32 22	17 12	22 8	41 12	52 31	51 28	57 29	47 30	57 34	40 24	24 13	-11		55.8 35.3	
RUSHVILLE		MAX MIN	76 45	80 49	80 50	69 38	67 30	63 46	76 50	72 45	70 45	80 50	66 54	74 38	76 36	68 55	55 50	50 34	41 34	34 29	36 19	34 8	42 10	52 29	52 24	56 29	44 30	55 30	56 29	36 13	16 -8		58.7 34.9		
• • •																																			
CENTRAL	04																																		
BLOOMINGTON NORMAL		MAX MIN	70 47	71 55	76 53	74 53	70 45	61 30	60 40	69 51	71 50	69 50	75 55	73 55	63 38	73 45	71 59	66 48	59 35	44 34	39 28	35 22	25 8	30 10	47 25	48 29	53 28	51 35	53 30	52 35	37 13	20 4		56.8 37.0	
CHENOA		MAX MIN	70 40	77 50	74 57	60 45	61 27	63 45	69 48	71 46	73 46	74 50	67 54	64 35	72 44	66 56	46 40	46 35	44 33	34 28	36 17	21 7	30 10	47 23	49 26	54 24	40 28	55 24	57 29	29 19	20 6		54.6 33.4		
DECATUR		MAX MIN	72 45	77 50	79 53	75 46	66 49	66 31	66 41	71 50	73 47	73 52	77 55	71 52	69 35	75 44	67 60	62 46	50 35	46 27	39 21	23 10	35 12	51 24	51 25	56 28	45 36	60 33	60 30	18 18	-1		58.0 36.5		
FARMER CITY		MAX MIN	71 42	73 51	78 50	76 42	71 44	65 25	62 33	70 47	71 40	73 48	76 52	67 33	73 38	65 53	63 45	49 33	49 35	45 15	29 8	30 9	46 21	48 25	54 26	42 29	59 29	60 33	34 13	18 4		58.2 32.8			
HAVANA		MAX MIN	74 34	77 48	80 50	76 42	63 28	65 42	71 39	74 38	75 47	79 47	74 47	63 34	77 44	73 58	64 49	50 35	47 37	40 30	37 22	23 8	38 11	51 29	51 28	56 24	55 35	58 24	57 35	15 0		59.0 33.3			
LACON 1 E		MAX MIN	70 38	69 50	78 53	73 50	66 39	56 30	63 40	70 48	73 49	72 58	70 50	64 35	74 42	68 58	62 45	47 33	47 34	36 28	37 28	22 9	36 11	50 29	50 28	53 24	44 35	53 26	54 29	20 14	5		56.0 34.6		
LINCOLN		MAX MIN	71 40	74 56	78 48	76 46	63 46	65 29	63 39	70 45	73 45	75 50	77 54	67 52	67 35	74 40	68 59	62 44	46 34	46 35	37 28	38 19	22 9	34 12	49 23	50 23	55 25	41 31	56 29	29 11	15 -3		56.7 34.4		
MASON CITY		MAX MIN	70 49	72 49	71 50	73 48	68 28	58 27	62 40	69 45	71 45	70 50	76 55	64 35	73 44	65 61	60 52	56 34	46 34	38 21	33 14	27 7	30 10	47 22	46 25	51 20	49 27	40 33	37 25	11 25	-5		54.9 34.1		
MINONK		MAX MIN	70 41	66 48	75 49	63 45	60 27	61 41	68 45	71 43	73 43	73 52	67 54	63 33	72 43	64 54	60 42	45 32	45 32	33 27	35 17	22 6	33 8	48 23	49 24	56 25	41 32	51 29	56 28	20 13	5		54.6 33.2		
PFORIA WB AIRPORT		MAX MIN	70 43	72 49	77 50	73 49	57 31	59 28	61 42	69 46	72 43	71 45	75 54	64 34	64 44	73 57	66 44	46 37	41 34	35 22	36 13	21 8	34 10	49 22	48 25	53 21	41 27	57 31	48 21	19 9	4		54.3 32.6		
PRINCEVILLE 1 N		MAX MIN	69 43	70 52	76 52	70 43	60 26	62 38	67 43	72 48	73 48	75 53	70 53	64 37	73 46	68 57	63 44	48 32	46 36	37 29	34 20	22 7	36 10	50 18	50 28	54 26	47 33	51 28	55 28	44 12	30		56.4 33.9		
• • •																																			
FAST	05																																		
DANVILLE		MAX MIN	74 35	75 52	78 43	75 37	68 47	75 29	61 36	69 47	71 35	73 41	75 54	73 57	65 31	74 29	67 47	65 41	52 33	47 36	39 28	38 20	27 10	32 9	42 22	50 17	55 23	45 26	57 34	62 37	38 15	23 7		58.2 32.6	
HOPESTON		MAX MIN	72 39	73 51	75 47	73 45	66 44	62 27	60 38	66 47	70 43	71 45	73 55	70 58	62 38	70 35	65 53	62 48	48 32	43 33	34 26	34 18	20 8	29 10	42 23	46 24	50 27	43 35	54 31	59 32	33 14	20 7		54.8 34.4	
KANKAKEE 3 SW		MAX MIN	70 38	70 47	76 48	73 41	66 41	59 26	60 39	67 44	71 42	75 39	69 54	64 57	62 34	71 31	64 50	61 47	45 31	35 27	34 17	22 7	35 7	46 23	48 23	53 19	47 29	52 28	52 34	21 16	8		55.0 32.6		
PONTIAC		MAX MIN	70 39	69 48	78 51	75 43	69 42	68 28	64 42	71 47	72 44	73 45	73 55	66 37	73 49	73 68	66 46	52 33	45 34	40 29	36 18	24 7	33 11	49 25	50 22	56 22	49 30	52 26	58 25	35 15	24 8		57.5 34.1		
BRANFOLK CHANUTE AFB		MAX MIN	69 40	72 49	74 43	71 42	60 37	59 28	57 43	65 47	70 45	71 45	74 52	70 44	64 36	72 47	67 58	63 41	48 34	39 34	34 25	33 16	18 8	28 12	42 22	46 22	51 26	40 35	59 34	42 27	15 11	6		53.3 33.3	
ROBERTS 3 N		MAX MIN	70 40	75 49	77 60	75 44	65 29	62 29	60 39	68 50	71 44	73 45	70 55	65 34	71 44	65 54	60 49	50 33	48 33	35 26	35 23	23 8	30 9	44 20	47 25	52 24	43 32	54 28	54 34	41 15	20 7		55.9 34.9		
URBANA		MAX MIN	72 45	75 51	77 49	74 46	63 41	63 28	69 49	71 49	73 45	75 49	71 52	65 38	73 41	66 57	61 48	48 37	43 35	36 24	36 16	21 9	31 11	45 23	47 26	53 31	41 37	61 31	55 27	27 9	18 6		55.6 35.1		
WATSEKA 2 NW		MAX MIN	72 36	75 55	78 51	75 42	65 44	63 25	63 36	67 47	72 41	73 41	75 54	72 58	64 34	71 39	66 49	63 51	51 30	44 36	40 27	34 14	22 8	29 7	42 21	49 25	53 20	53 30	54 28	61 29	38 15	22 9		56.9 33.4	
• • •																																			
WEST 50UHWEST	04																																		
ALTON DAM 26		MAX MIN	72 43	76 54	76 54	74 49	65 49	66 42	64 48	70 53	74 49	74 51	76 53	68 47	67 46	75 42	71 59	64 49	50 34	47 37	38 30	42 20	25 14	40 17	52 25	50 28	55 33	46 34	63 35	55 31	34 12	18 4		58.2 38.4	
CARLINVILLE		MAX MIN	77 38	79 53	79 53	76 42	66 49	63 29	63 41	71 47	72 48	71 54	77 56	69 35	77 45	67 60	68 49	51 40	44 36	38 30	39 22	27 11	36 12	52 23	51 22	57 26	45 31	59 29	61 30	16 14	-2		58.3 35.9		
GRIGGSVILLE		MAX MIN	74 42	78 52	78 53	77 42	67 49	65 36	65 49	72 49	75 48	73 54	79 56	68 39	76 43	68 58	49 48	49 39	45 35	39 30	23 23	23 8	41 12												



Continued

# DAILY TEMPERATURES

ILLINOIS  
NOVEMBER 1964

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JERSEYVILLE 2 SW	MAX	72	77	78	74	70	68	63	70	74	75	77	73	68	74	69	66	51	43	39	37	27	40	53	49	57	53	57	55	39	15	58.8 35.7	
	MIN	35	53	50	40	40	32	41	47	44	50	53	61	32	42	59	51	43	37	30	25	11	12	23	22	26	36	31	33	15	-2		
MORRISONVILLE 4 SE	MAX	70	76	79	74	65	67	64	70	73	73	75	71	68	76	73	67	49	45	37	37	23	34	49	49	53	41	59	61	33	14	57.5 35.3	
	MIN	40	49	40	46	44	26	40	48	44	50	52	53	52	35	40	63	49	39	35	28	19	11	12	21	27	28	34	33	14	0		
PANA	MAX	70	76	75	72	63	62	63	68	72	73	75	72	66	75	75	66	51	46	38	38	23	33	48	49	53	41	60	62	34	14	57.0 37.1	
	MIN	43	56	52	47	52	34	43	48	45	52	53	52	38	42	57	50	40	35	29	22	12	12	22	25	31	35	35	34	14	3		
SPRINGFIELD W8 AIRPORT	MAX	73	78	79	75	65	65	62	71	74	75	78	68	69	77	69	63	49	46	34	38	23	35	49	49	54	43	61	56	29	12	57.3 35.6	
	MIN	41	54	55	47	38	30	45	47	49	52	56	48	36	49	60	63	49	46	27	17	9	35	46	27	54	43	61	56	29	12		
VIROEN 1 55W	MAX	73	72	77	74	74	66	62	72	72	73	76	70	68	75	68	66	52	46	39	38	25	35	49	49	55	44	59	60	21	16	57.5 35.1	
	MIN	40	52	49	45	40	27	42	46	45	50	52	57	35	38	59	49	59	36	29	25	10	11	23	25	27	30	29	21	14	-1		
WHITE HALL 1 E	MAX	73	77	77	74	63	64	62	71	74	74	78	75	74	75	71	66	51	45	41	38	27	38	51	49	56	49	58	60	36	14	58.7 35.7	
	MIN	40	52	50	45	52	30	45	46	43	51	53	54	35	36	60	49	41	37	30	22	10	10	23	24	25	35	30	32	14	-2		
• • •																																	
EAST SOUTHEAST	07																																
CHARLESTON	MAX	72	74	76	73	66	67	62	67	71	73	75	73	66	72	76	66	53	46	38	38	25	32	47	51	51	45	57	60	40	16	57.6 38.1	
	MIN	47	55	53	50	50	28	43	45	46	49	54	60	40	44	76	53	39	36	28	23	11	12	23	29	35	38	36	40	15	4		
EFFINGHAM	MAX	74	78	78	74	67	67	66	68	72	75	77	75	69	75	79	66	53	45	39	40	28	36	51	53	56	44	60	59	39	18	59.4 36.5	
	MIN	42	53	53	42	48	32	39	45	41	46	53	59	36	38	57	53	42	39	30	23	12	36	51	53	56	44	60	59	39	18		
FLORA 2 NW	MAX	75	78	77	75	69	67	64	67	73	75	76	76	69	75	77	68	59	49	41	41	29	36	50	53	57	48	61	62	43	18	60.3 35.3	
	MIN	40	50	45	39	46	30	35	42	37	47	53	59	38	30	51	59	40	40	31	24	14	9	18	20	27	34	32	39	18	4		
MARSHALL 1 E	MAX	75	75	75	75	71	71	64	66	70	73	76	76	76	76	76	68	60	50	41	41	33	33	49	51	54	51	57	61	46	20	60.3 33.4	
	MIN	36	49	40	37	47	27	32	40	34	42	52	56	33	30	46	59	59	57	29	23	12	11	19	19	30	28	33	38	19	5		
MATTOON	MAX	72	74	75	73	63	65	60	67	70	73	74	72	65	72	76	64	50	45	35	39	21	32	48	50	52	42	59	55	30	15	56.3 34.7	
	MIN	40	53	51	45	38	28	39	44	45	47	52	46	55	40	57	45	39	55	25	17	11	12	22	26	35	35	35	29	10	4		
MCWEAQUA	MAX	71	78	78	75	63	62	67	69	72	73	77	71	68	75	70	63	53	46	38	39	27	35	50	50	54	51	56	62	39	16	58.3 35.0	
	MIN	40	50	47	42	48	25	43	40	38	51	53	59	40	39	55	51	38	35	28	21	11	12	20	22	27	33	34	35	14	0		
NEWTON	MAX	74	77	76	74	68	65	67	67	71	75	76	74	68	75	77	68	57	50	42	40	31	35	49	52	56	47	58	61	47	21	59.9 37.1	
	MIN	44	55	48	42	49	33	38	48	41	48	52	59	38	40	54	56	42	39	30	23	13	11	21	24	38	26	34	41	20	6		
OLNEY 2 S	MAX	75	77	77	75	69	67	65	67	72	76	76	75	68	75	75	60	61	57	41	40	32	35	49	52	57	50	62	63	45	25	60.9 36.2	
	MIN	40	52	50	40	41	29	39	42	32	40	48	49	55	33	61	70	44	40	30	24	14	35	49	52	57	34	31	41	25	5		
PALESTINE	MAX	78	78	78	76	69	66	66	67	72	77	77	75	69	75	77	69	55	49	40	40	25	35	49	54	57	50	63	63	40	21	60.3 35.4	
	MIN	41	53	44	39	46	26	32	42	36	49	54	54	39	40	50	51	42	40	30	23	14	11	21	21	27	34	33	39	16	6		
PARIS WATERWORKS	MAX	73	76	77	75	63	64	63	66	71	72	75	75	67	72	74	67	51	47	37	37	24	33	49	53	51	43	58	60	36	17	57.5 35.9	
	MIN	44	55	54	44	48	26	37	43	46	48	54	56	36	41	52	50	38	35	28	21	11	11	24	23	33	33	35	15	6			
SALEM	MAX	74	77	78	72	67	67	65	67	73	74	76	75	70	77	78	67	57	49	40	40	29	36	50	52	57	46	60	62	40	23	59.9 36.0	
	MIN	38	52	47	43	43	34	42	40	37	50	54	55	33	40	57	56	45	39	30	24	13	36	50	52	50	32	35	39	18	3		
TUSCOLA	MAX	71	74	75	73	67	63	59	67	70	71	74	71	64	71	63	51	44	36	34	25	30	45	46	50	48	57	57	41	19	55.7 34.6		
	MIN	34	50	47	43	48	26	40	38	42	46	52	56	35	38	53	51	37	35	29	20	10	11	20	24	29	34	35	36	15		4	
VANDALIA FAA AIRPORT	MAX	73	76	76	75	67	67	64	70	72	73	75	73	68	76	80	67	50	45	37	41	24	36	51	52	57	42	62	56	30	15	58.3 33.6	
	MIN	37	52	46	39	40	28	38	40	37	46	53	47	55	34	59	48	43	37	26	20	12	34	50	51	51	34	34	30	10	12		
WINDSOR	MAX	73	75	77	75	68	66	62	68	71	73	76	73	68	75	73	64	55	45	43	38	32	34	50	51	49	52	60	59	34	40	59.2 35.9	
	MIN	42	53	49	48	51	28	38	45	44	47	53	59	37	41	55	52	39	36	30	27	9	12	21	26	22	28	33	32	18	2		
• • •																																	
SOUTHWEST	08																																
ANNA 1 E	MAX	75	75	76	74	72	70	60	68	72	72	75	75	71	78	71	72	66	52	40	47	28	36	48	48	56	57	62	62	49	33	61.3 39.4	
	MIN	40	46	46	48	54	43	46	41	44	45	55	61	45	39	62	64	50	59	31	23	14	10	20	27	37	37	36	44	28	6		
BELLEVEILLE SCOTT AFB	MAX	71	75	74	71	65	65	60	66	71	72	74	72	67	75	75	65	50	45	37	37	23	37	49	48	57	46	63	56	32	58.6 36.6		
	MIN	35	50	48	43	45	36	44	43	42	48	53	52	37	34	58	50	44	37	28	20	14	11	24	21	35	32	34	32	12			
CAIRO W8 CITY	MAX	75	76	75	72	72	69	63	68	71	73	73	75	72	79	79	69	62	50	42	45	28	37	48	50	56	51	67	60	45	24	60.9 42.1	
	MIN	46	54	55	52	52	49	50	45	44	52	54	53	44	43	67	62	50	42	32	27	19	20	26	31	39	41	44	41	18	12		
CARBONDALE SEWAGE PL	MAX	75	77	77	70	72	64	62	69	73	73	74	73	72	78	75	72	63	50	40	45	33	36	49	52	57	57	63	64	48	33	61.7 36.8	
	MIN	33	50	47	40	43	34	40	33	34	52	57	64	34	29	59	62	50	39	33	24	14	8	21	19	37	40	34	44	24	7		
CARLYLE RESERVOIR	MAX	67	73	77	68	74	67	67	63	68	73	74	75	75	69	77	60	66	51	42	33	41	25	36	51	51	50	63	52	30	59.9 36.8		
	MIN	39																															

# DAILY TEMPERATURES

ILLINOIS  
NOVEMBER 1964

Continued

Station	Day of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																
SOUTHEAST 09																																
ALBION	MAX MIN	77 45	78 48	78 50	77 50	72 49	69 38	65 41	68 47	72 46	76 50	77 55	72 61	72 42	77 40	77 57	73 53	60 47	48 40	40 32	42 24	33 14	36 12	48 23	54 29	59 37	55 39	63 34	63 43	46 28	28 5	61.8 39.3
BROOKPORT OAM 52	MAX MIN	75 40	75 48	75 45	75 44	73 43	69 37	64 39	71 39	72 37	73 40	72 55	74 60	73 33	77 40	77 57	76 64	67 54	60 45	45 35	44 30	40 18	37 9	51 15	56 23	55 38	53 38	65 35	62 42	44 26	31 9	62.7 37.9
ELIZABETHTOWN	MAX MIN	76 40	75 45	75 41	73 43	72 41	66 35	62 38	67 42	70 37	73 45	73 50	74 60	70 34	77 32	76 55	76 62	65 50	53 42	43 32	45 26	38 15	36 7	49 18	55 23	55 37	55 36	66 36	65 41	44 27	32 6	61.9 36.4
FAIRFIELD RADIO WFIW	MAX MIN	75 40	76 51	75 49	74 43	69 45	65 35	63 37	66 42	71 37	75 47	73 55	75 62	68 39	75 39	74 55	69 60	63 46	47 39	39 32	42 24	35 14	35 8	47 21	51 24	55 38	51 37	62 36	62 42	47 24	27 5	60.2 37.4
HARRISBURG	MAX MIN	77 37	78 47	77 43	74 43	74 42	67 34	61 38	68 43	73 35	74 50	75 56	77 64	74 36	80 31	75 60	73 56	68 48	53 40	42 33	46 26	36 18	39 9	53 18	54 22	58 38	58 40	65 35	65 42	48 20	34 7	63.2 37.0
MCLEANSBORO	MAX MIN	76 40	77 50	75 46	74 46	70 46	67 36	61 40	67 42	73 37	75 46	74 53	75 59	71 42	78 39	75 53	72 61	64 46	48 38	40 32	44 23	32 14	37 8	48 20	52 25	56 38	54 36	63 32	64 42	45 26	29 5	61.2 37.4
MOUNT CARMEL NO 2	MAX MIN	72 37	77 54	78 44	77 43	77 43	72 32	68 35	65 35	69 38	71 47	76 52	76 54	75 91	71 36	74 52	75 54	76 46	60 45	47 34	37 25	43 15	30 14	43 22	48 22	56 31	58 38	50 30	66 37	54 26	51 7	63.1 36.3
MOUNT VERNON	MAX MIN	76 39	77 52	78 47	71 43	70 44	68 37	63 41	68 40	72 37	74 49	75 52	75 62	70 38	78 38	76 53	74 62	62 46	46 39	40 32	43 24	32 15	39 10	52 21	52 23	58 41	49 38	63 34	62 42	42 27	27 4	61.1 37.7

⊙ MAXIMUM AND MINIMUM TEMPERATURES ARE THE HIGHEST AND LOWEST HOURLY READINGS FOR EACH DAY.

## SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	CENTRAL STANDARD TIME				Trace	01-09	10-49	50-99	100-199	200 and over			Total
							M10	6 AM	NOON	6 PM									
CAIRO WB CITY	S±	-	8.4	38	SW±	27	-	-	-	-	4	1	4	2	1	0	12	58	5.4
CHICAGO O HARE AIRPORT	18	10	9.1	40++	21	12	81	84	63	75	7	1	3	1	1	0	13	-	5.5
CHICAGO MIDWAY AIRPORT	20	10	11.0	42	SW	12	70	75	58	65	3	3	4	0	0	0	10	60	5.2
MOLINE WB AIRPORT	20	7	11.0	50	W	20	69	76	58	66	5	4	1	1	2	0	13	59	5.4
PEORIA WB AIRPORT	18	17	9.7	56	W	20	76	82	60	66	5	5	0	1	1	0	12	57	5.0
SPRINGFIELD WB AIRPORT	18	10	10.9	35++	21	2	81	85	64	74	5	1	5	0	2	0	13	-	5.3
SPRINGFIELD WB AIRPORT	17	10	11.6	48	W	20	70	75	58	62	2	3	4	0	1	1	11	62	4.8

± TO 8 COMPASS POINTS ONLY

# SNOWFALL AND SNOW ON GROUND

ILLINOIS  
NOVEMBER 1964

Station	Day of month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHWEST 01																																
DIXON																				T	T	1.0	T									
FREEPORT																			0.1	2.0												T
GALVA																			T	T												
MOLINE WB AIRPORT																			T	0.3	1.8											T
MORRISON																				0.3	0.8											
ROCKFORD WB AIRPORT																				0.4	2.4											T
NORTHEAST 02																																
ANTIOCH																				T	2.0											T
AURORA COLLEGE																				0.2	2.4											
CHICAGO O HARE AIRPORT																				0.7	1.6											T
CHICAGO WB AIRPORT																				0.4	0.4											T
OTTAWA																				T	0.2											
PARK FOREST																				0.3	T	T										
SYCAMORE																																
WEST 03																																
LA HARPE																					T	T										4.0
MONMOUTH																					T	T										T
QUINCY FAA AIRPORT																				0.1	0.8											4.0
CENTRAL 04																																
BLOOMINGTON NORMAL																					2.3	T										1.5
DECATUR																					3.0											2
LINCOLN																					1.0	0.7										3.0
PEORIA WB AIRPORT																					T	0.6	T									0.4
EAST 05																																
HOOPESTON																					T	3.3	0.5									0.7
KANKAKEE 3 SW																					T	0.3	T									1
PONTIAC																					T	T	T	T								
ROBERTS 3 N																					2.0	T										T
URBANA																					-	-	-	-	-							-
WEST SOUTHWEST 06																																
CARLINVILLE																						1.0	T	T								1.6
MORRISONVILLE 4 SE																					1.2		T	T	T							2.1
SPRINGFIELD WB AIRPORT																					T	1.3	T	T	T							2.9
WHITE HALL 1 E																					T											2.0
EAST SOUTHEAST 07																																
NEWTON																					0.1											T





# STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	OBSERVATION TIME AND TABLES					OBSERVER	STATION	INDEX NO.	DIVISION	COUNTY	OBSERVATION TIME AND TABLES					OBSERVER						
				DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	TEMP.						PRECIP.	EVAP.	SPECIAL	DRAINAGE I	LATITUDE		LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP.	SPECIAL
ALDRIN	0051	09	EDWARDS	7 38 25	88 03	530	4R	6P	N	RESSIE ELLER	LINCOLN	5079	04	LOGAN	1 40 06	89 22	581	7P	7A	M	LEONARD F. JIML				
ALCOO	0070	01	HERCER	4 41 15	90 45	770	6P	6P	N	GENE L BURGESS	LINCOLN LOS CABIN PK	4048	07	COLES	7 39 22	88 12	675								
ALEXIS WATERWORK	0208	03	MAHON	1 40 51	90 54	684	4R	6P	H	MICHAEL WATERWORKS	ROCKFORD PIONEER HOUSE	5274	02	GALES	7 39 23	87 41	641								
ALTON DAM 26	0157	08	HADISON	4 38 53	90 11	432	MID	7A	C	U S CORPS OF ENGINEERS	LOUISVILLE	5216	07	CLAY	7 38 48	90 10	470								
ANNA 1 E	0205	03	UNION	1 40 50	89 14	668	6P	6P	H	ROY J. HANBRIGHT	MADISON	4285	04	MACON	1 40 32	89 27	600	6P	6P						
ANTIOCH	0205	03	LAKE	1 42 29	88 08	808	7P	7P	H	ROY J. HANBRIGHT	MADISON	5283	03	FAZEWELL	1 40 32	89 27	600	6P	6P						
AUGUSTA 2 W	0303	03	HANCOCK	1 40 14	80 59	680	7P	7P	H	WALTER W. ROWLAND SR.	MADISON	5276	08	JACKSON	1 41 18	88 16	870	6P	6P						
AURORA COLLEGE	0456	03	DECATUR	1 40 59	90 49	810	4R	6P	H	JAMES R MITCHELL	MADISON	5338	02	MCNICHOLS	1 38 11	90 08	620	6P	6P						
AVON 5 NE	0536	01	FULTON	1 40 44	80 22	630	7P	7P	H	CHICAGO AERIAL LTD	MARIETTA	5334	03	FULTON	1 40 10	70 24	446								
BARRINGTON 1 NW	0442	02	LAKE	1 42 10	88 09	810	3P	3P			HARION 4 NNE	5342	08	WILLIAMSON	4 37 48	90 74	377	5P	5P						
BARRY	0447	06	RIKE	4 38 41	81 05	640	7A	7A			MARSA 1 W	5268	06	MACON	1 40 02	88 58	420								
BEARDSTOWN	0492	08	CASIS	1 40 01	90 26	445	8A	8A			ROSELLES LOE	5372	04	LA SALLE	1 41 20	88 83	760	7A	7A						
BELEVILLE SCOTT AFB	0510	08	ST CLAIR	2 28 58	92 31	457	MID	MID	C	U S AIR FORCE	5380	03	COLES	7 39 23	87 41	641	5P	5P							
BELEVILLE SEWAGE PLANT	0581	02	MOORE	6 42 18	88 52	755	6P	6P	C	CITY OF BELEVILLE	WENON CITY	5415	04	MACON	1 40 12	89 42	345	6P	6P						
BENTLEY	0588	03	HANCOCK	1 40 20	91 07	670	6P	6P	H	MAX R CRAIN	WATERGATE	5452	02	MCNICHOLS	1 42 17	88 14	747								
BENTON FOREST SEWAGE	0601	09	FRAKELIN	1 40 28	88 55	445	8A	8A			HENRY LOCK AND DAM	5483	02	MCNICHOLS	1 42 17	88 14	747								
BLOMINGTON WATERWORKS	0781	04	MCLEAN	1 40 30	91 01	775	7A	7A			BLOOMINGTON WATERWORKS	5515	09	HAMILTON	5 38 05	88 52	458	6P	6P						
BLOMINGTON NORMAL	0764	04	MCLEAN	1 40 30	89 05	810	4R	6P	H	ILL STATE NORMAL UNIV	BELMONT	5338	06	MACDONFIN	1 38 11	90 08	620	6P	6P						
BLUFFS	0781	06	SCOTT	1 38 45	90 32	517	6P	6P			VERNON A. NORSTUR	5712	04	WOOLFOORD	1 40 54	92 02	375	7P	7P	H	U S WEATHER BUREAU				
BROOKPORT DAM 52	0939	09	MASSING	5 37 58	88 56	530	6P	6A			U S CORPS OF ENGINEERS														
BROWN BR CITY	1248	08	ALEXANDER	4 37 50	89 10	534	MID	MID	C	U S WEATHER BUREAU	MONMOUTH	5748	05	WARREN	4 40 55	88 58	380	6P	6P						
CANTON	1254	02	FULTON	1 40 02	91 02	635	6P	6P			FLOYD D. HANMUND	5761	03	PIAIT	3 40 52	91 24	625	5P	5P						
CARDONVILLE SEWAGE PL	1268	08	JACKSON	4 37 44	88 12	380	6P	7A			HUGH R. ROYD	5820	07	GRANDY	1 41 21	88 26	570	7A	7A						
CARLETONVILLE	1274	03	WILSON	1 40 20	88 52	452	6P	6P			WILLIAM S. N	5828	07	GRANDY	1 41 21	88 26	570	7A	7A						
CARLYLE RESERVOIR	1289	05	CLINTON	2 38 38	88 05	701	MID	8A	8A	H	JACK A. CAMPBELL	5835	03	WHITESIDE	1 41 27	88 48	634	5P	5P	H	PHILIP W. COLLINS				
CARMI 6 NW	1296	09	WHITE	7 38 10	86 12	590	6P	6P			MORRIS	5837	03	WHITESIDE	1 41 27	88 48	634	5P	5P	H	RICHARD J. TOHWIND				
CENTRALIA 2 NE	1287	07	HARION	1 40 33	90 37	468	6P	6P			HORRISONVILLE 4 SE	5841	06	CHRISTIAN	1 36 25	88 20	810	6P	6P						
CHANNANON PNESEN ISL	1420	05	GRUNDY	1 41 24	87 57	505	7A	7A			MONROEVILLE 4 SE	5858	06	CHRISTIAN	1 36 25	88 20	810	6P	6P						
CHARLESTON	1436	07	COOK	7 39 29	88 11	710	6P	7A			MOUNT CARROLL	5931	01	CARROLL	4 42 05	89 58	817	7P	7A	H	JAMES F. MCCRAY				
CHENOA	1476	04	TRICAM	4 42 44	88 58	444	5P	6P			CHERRY OAK CREEK	5933	01	CARROLL	4 42 05	89 58	817	7P	7A	H	DAVID W. BURGER				
CHESTER	1491	08	RANDOLPH	4 37 54	89 30	600	7A	7A			ROBERT W. GARRIS	5937	04	LOGAN	1 40 01	89 17	865	5P	5P						
CHICAGO CALUMET TR WKS	1522	02	COOK	3 41 40	87 34	593	6P	6P			CITY SANITARY DIST	5935	03	JEFFERSON	1 36 56	88 68	111	5P	5P						
CHICAGO LAKEVIEW PWP STA	1532	02	COOK	3 41 18	87 40	631	6P	6P			CHICAGO LAKEVIEW PWP STA	5948	09	JEFFERSON	1 36 56	88 68	111	5P	5P	H	HOWARD HEYNTZ				
CHICAGO LOYOLA UNIV	1542	02	COOK	3 42 02	87 40	631	6P	6P			CHICAGO SANITARY DIST	5949	03	JEFFERSON	1 36 56	88 68	111	5P	5P	H	HOWARD HEYNTZ				
CHICAGO MAYER PWP STA	1542	02	COOK	3 41 58	87 45	647	6P	6P			CHICAGO SANITARY DIST	5955	08	JACKSON	4 37 46	88 14	420								
CHICAGO MEAD PWP STA	1542	02	COOK	3 41 58	87 42	639	6P	6P			CHICAGO SANITARY DIST	6011	08	WASHINGTON	2 38 23	89 46	480	6P	7A	H	R. E. SCHLIEFER				
CHICAGO O HARE AIRPORT	1547	02	COOK	3 42 00	87 54	640	MID	MID	H	U S WEATHER BUREAU	HASKINSVILLE 3 W	6018	02	EDWARDS	1 41 33	90 26	610	6P	6P						
CHICAGO HOSKEL AIRPORT	1552	02	COOK	3 41 42	87 38	659	6P	6P			NEW BOSTON DAM 17	6090	01	HERCER	4 41 11	91 03	348	6P	6A						
CHICAGO RACINE PUMP	1557	02	COOK	3 41 41	87 41	640	6P	6P			CHICAGO SANITARY DIST	6093	02	JEFFERSON	5 37 25	88 58	340	5P	5P						
CHICAGO SAN DIST OFF	1562	02	COOK	3 41 54	87 38	659	6P	6P			CHICAGO SANITARY DIST	6154	04	WEARD	1 39 38	89 51	570	8A	8A						
CHICAGO S FILTER PLANT	1564	02	COOK	3 41 43	87 35	611	6P	6P			CITY ENGR WATER PURIF	6159	07	JASPER	7 39 00	90 10	519	6P	6P						
CHICO SPRINGFIELD PWP	1567	02	COOK	3 41 53	87 44	630	6P	6P			CITY ENGR WATER PURIF	6446	07	RICHMOND	7 39 42	88 04	490	6P	6P						
CHICAGO UNIVERSITY	1572	02	COOK	3 41 43	87 38	564	MID	MID	C	U S WEATHER BUREAU	OREGON	6449	03	EDGAR	6 42 02	88 20	250	6A	6A						
CHICAGO W AIRPORT	1573	02	COOK	3 41 57	87 45	639	MID	MID	H	CHICAGO SANITARY DIST	6456	02	EDGAR	6 42 02	88 20	250	6A	6A							
CHICAGO WR CITY	1582	02	COOK	3 41 47	87 38	594	MID	MID	C	U S WEATHER BUREAU	OTAWA	6526	02	EDGAR	5 0 12	88 22	808	7P	7P						
CHILLICOTHE	1629	04	PEORIA	1 40 29	89 29	440	5P	6P			PALESTINE	6558	07	CRAWFORD	7 58 00	87 37	314	7P	7P	H	W. H. BRIDGES				
CISNE	1646	09	WAYNE	7 38 51	88 26	450	6P	6P			PARIS SEWAGE PLANT	6625	07	EDGAR	7 58 37	87 41	358	7P	7P						
CLINTON 1 SW	1704	04	DE WITT	1 40 08	88 58	746	6P	6P			PARIS WATERWORKS	6610	07	EDGAR	7 58 37	87 42	358	7P	7P						
CODER 2 S	1774	04	UNION	6 42 15	89 40	610	6P	6P			PARIS WATERWORKS	6618	02	COOK	1 41 30	89 58	340	5P	5P						
COURTVERVILLE 1 SW	1944	08	RANDOLPH	2 38 11	89 58	510	6P	6P			PARK FOREST	6681	01	CLAY	1 41 41	88 58	428	7A	7A						
CRETE	2011	02	WILL	3 41 27	87 38	600	6P	6P			PAYSON	6870	05	ADAMS	4 39 49	91 15	749	8A	8A						
DANVILLE	2140	05	VERMILION	7 40 08	88 58	558	7P	7P			PERU NW AIRPORT	6711	06	PEORIA	1 40 40	88 41	852	MID	MID	C	U S WEATHER BUREAU				
DANVILLE SEWAGE PLANT	2140	05	VERMILION	7 40 06	87 58	537	7A	7A			PERU NW AIRPORT	6712	05	PEORIA	1 40 40	88 41	852	MID	MID	C	U S WEATHER BUREAU				
DECATUR	2235	04	MACON	1 59 51	88 58	740	7P	7A	H	ETHELEA C. COHRADT	PERU SEWAGE PLANT	6755	02	LA SALLE	1 41 20	88 08	400	MID	MID	C	MICHA CUTI				
DECATUR	2242	04	MACON	1 59 51	88 58	740	7P	7A	H	ETHELEA C. COHRADT	PERU SEWAGE PLANT	6755	02	LA SALLE	1 41 20	88 08	400	MID	MID	C	MICHA CUTI				
DECATUR	2242	04	MACON	1 59 51	88 58	740	7P	7A	H	ETHELEA C. COHRADT	PERU SEWAGE PLANT	6755	02	LA SALLE	1 41 20	88 08	400	MID	MID	C	MICHA CUTI				
DECATUR	2242	04	MACON	1 59 51	88 58	740	7P	7A	H	ETHELEA C. COHRADT	PERU SEWAGE PLANT	6755	02	LA SALLE	1 41 20	88 08	400</								

REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, P.O. Box 143, Station "A", Champaign, Illinois 61824, or to any Weather Bureau Office near you.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are tens of degrees.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 8:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

**SNOWFALL:** Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1931-1960.

**DIVISIONS,** as used in this publication, became effective with data for January 1957.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

**DELAYED DATA AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ↔ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-WB-Asheville, N. C. -1/15/65-050

91° 90° 89° 88°

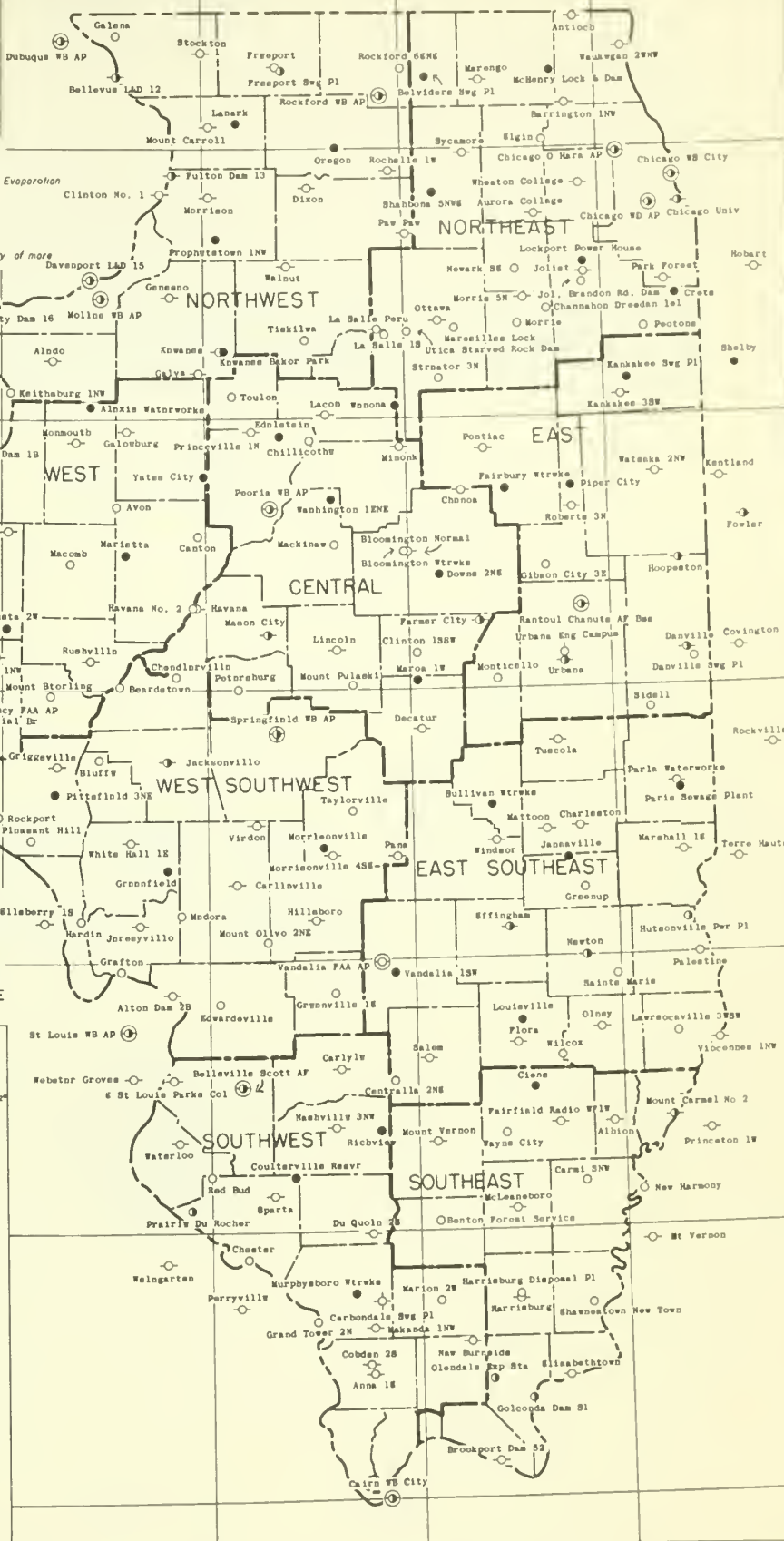
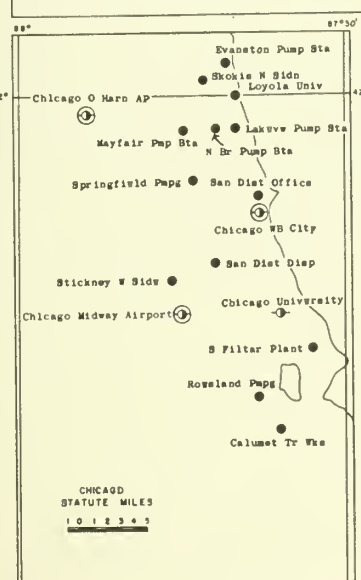
STATION LEGEND

- ● ○ Precipitation only
- ○ Precipitation, storage
- ● ○ Precipitation and Temperature
- ● ○ Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording, ● Recording ○ Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°  
Now Boston Dam 17

# ILLINOIS

STATUTE MILES  
10 20 30 40  
90 TH MERIDIAN TIME ZONE







U. S. DEPARTMENT OF COMMERCE  
JOHN T. CONNOR, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS

DECEMBER 1964  
Volume 69      No. 12



SPECIAL WEATHER SUMMARY

Precipitation was less than normal over all but the Southeast Division in December. The West Division received only about 65 percent of normal, while the Southeast was about 18 percent above. Much of the precipitation in the north was snow, with a total of 10 to 15 inches. Central Illinois had two glaze storms. The heaviest accumulation was on the 3d and 4th, and caused considerable damage to utility lines, trees, and TV antennas. One of lesser intensity occurred on the 25th. Unusually warm temperatures near the month's end melted all but traces of snow from the ground.

Temperatures were cold during the first part of December, and the warming trend late in the month failed to bring the average to normal except in the extreme south.

Total precipitation for 1964 was below normal in all divisions, but was greater than the 1963 total in all but the West Southwest.

For additional data on severe storms, see STORM DATA publication for December 1964.

William L. Denmark  
Weather Bureau State Climatologist  
P. O. Box 143 - Station "A"  
Champaign, Illinois 61824

# CLIMATOLOGICAL DATA

ILLINOIS  
DECEMBER 1964

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Dale	Lowest	Dale	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet		No. of Days			
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										31" or Below	32" or Below	31" or Below	32" or Below										
<b>* * * NORTHWEST 01</b>																							
ALECO	32.5	16.2	24.4	- 4.2	50 24	- 8 17	1253	0 17 29	2	.60	- 1.18	.12	25	10.3	6	4	4	0	0				
DIXON	30.9	16.2	23.6	- 3.9	45 23	- 3 18	1276	0 19 29	3	1.25	-.61	.28	4	15.4	9	4	5	0	0				
FREERORT	30.1	13.1	21.6	- 3.7	43 22	- 6 6	1339	0 19 30	5	1.14	-.57	.19	13	9.7	5	5	3	0	0				
FULTON OAM 13	31.5	16.3	23.9		43 30	- 4 17	1272	0 17 27	3	1.27		.27	2	10.9	7	5	6	0	0				
GALVA	32.8	15.9M	24.4M	- 4.2	49 23	- 3 18	1261	0 17 29	2	1.06	-.60	.40	4	10.5	3	3	0	0	0				
<b>GENESE</b>																							
HENNEPIN POWER PLANT	32.8	17.4	25.1		48 24	- 3 17	1277	0 17 28	2	.95	-.62	.40	4	6.5	5	9	2	0	0				
KEWANEE	34.0	17.5	25.8		50 24	- 4 6	1210	0 16 27	3	1.09		.40	4	7.8	6	9	4	0	0				
MOLINE WB AIRRORT	32.4	17.1	24.8	- 2.1	50 23	- 4 27	1241	0 16 28	5	1.27	-.38	.29	4	11.7	7	5	4	0	0				
MORRISON	32.7	14.4	23.6	- 4.0	46 23	- 8 6	1280	0 16 30	4	1.25	-.55	.30	4	11.4	8	7	5	0	0				
<b>MOUNT CARROLL</b>																							
PAW PAW	30.8	13.5	22.2	- 4.2	43 24	- 8 6	1322	0 19 29	4	1.17	-.72	.27	2	10.2	8	7	5	0	0				
ROCHELLE 1 W	28.6	13.1	20.9		43 24	- 5 18	1361	0 20 31	5	1.85	-.00	.34	4	13.8	11	10	6	0	0				
ROCKFORD WB AIRPORT	28.5	11.9M	20.2M		43 24	- 6 6	1380	0 20 29	5	.94	-.72	.40	4	11.6	11	6	4	0	0				
STOCKTON	31.3	14.4	22.9	- 2.7	43 29	-10 6	1298	0 19 28	3	.91	-.79	.20	4	10.3	8	5	5	0	0				
TISKILWA	28.2	14.5	21.4		39 23	- 7 17	1344	0 20 31	2	1.23		.20	4	10.3	5	9	5	0	0				
WALNUT	33.8	16.8	25.3		50 24	- 7 6	1221	0 17 28	3	0 1.02	-.72	.48	4	9.5	9	9	3	0	0				
	31.7	16.0	23.9	- 4.4	46 24	- 4 18	1267	0 19 28	4	0 1.01	-.62	.39	4	13.0	9	8	3	0	0				
<b>OLVISION</b>																							
			23.5	- 3.8								1.12	-.63					10.9					
<b>* * * NORTHEAST 02</b>																							
ANTIOCH	32.2	16.9	24.6		46 24	- 2 18	1248	0 18 29	3	.91		.39	4	11.0	9	7	2	0	0				
AURORA COLLEGE	32.6	17.1	24.9	- 2.4	47 23	- 2 6	1237	0 17 29	2	1.65	-.26	.42	4	13.8	9	5	6	0	0				
BARRINGTON 1 NW	32.4	13.9	23.2		46 24	- 5 18	1292	0 16 31	5	1.60		.43	4	8	4	6	0	0	0				
CHICAGO O HARE AIRRORT	32.7	16.6	24.7	- 2.7	48 23	- 3 6	1240	0 16 28	2	1.51	-.32	.36	4	11.1	7	6	6	0	0				
CHICAGO UNIVERSITY	34.9	22.3	28.6	- 1.6	50 24	- 2 18	1123	0 14 27	0	2.19	.39	.57	4				6	1	0				
<b>CHICAGO WB AIRRORT</b>																							
CHICAGO WB CITY	33.8	20.9	27.4	- 1.7	48 23	- 2 18	1160	0 14 27	0	1.87	-.03	.42	2	13.4	10	5	6	0	0				
JOLIET	34.4	21.8	28.1	- 3.0	49 23	- 2 18	1135	0 14 29	0	2.60	.69	.79	4				6	2	0				
MARENGO	34.9	20.3	27.6		50 24	- 1 18	1133	0 17 27	1	1.31		.28	24				5	0	0				
MORRIS 5 N	30.7	15.5	23.1		43 24	- 3 18	1293	0 19 30	4	0 1.92		.39	2	12.5			5	0	0				
OTTAWA	32.6	17.3	25.0	- 3.7	49 23	- 2 6	1236	0 18 29	3	.97	-.12	.35	4	9.5	9	9	5	0	0				
<b>PARK FOREST</b>																							
RERU SEWAGE RLANT	34.7	19.4	27.1	- 2.4	50 23	- 0 18	1169	0 14 27	1	1.31	-.53	.39	4	9.5	9	9	4	0	0				
SYCAMORE	33.8	20.2	27.0		50 24	- 1 6	1171	0 18 28	2	1.24		.35	2	7.3	7	3	5	0	0				
WAUKEGAN 2 WNW	32.7	16.9	24.8	- 4.9	48 23	- 2 17	1240	0 18 28	3	1.63	-.10	.51	4	11.9	9	4	5	1	0				
WHEATON COLLEGE	31.0	15.4	23.2	- 2.9	43 23	- 5 6	1288	0 20 29	2	1.27	-.62	.45	2	10.0	8	6	5	0	0				
	32.7	18.8	25.8	- 1.9	46 24	- 1 18	1210	0 17 28	1	1.65	-.32	.58	4	14.1	11	5	5	1	0				
<b>OLVISION</b>																							
			25.7	- 2.5		- 1 18		0	2	1.70		.45	4				8	5	4	0			
<b>* * * WEST 03</b>																							
GALESBURG	32.3	17.3	24.8		51 23	- 3 18	1237	0 18 27	4	0 1.42	-.40	.43	4	6.8	5	4	5	0	0				
GOLDEN 1 NW	36.0	19.6	27.8		57 23	- 4 18	1147	0 13 28	1	.52	- 1.29	.14	25	5.0	12	7	4	0	0				
LA HARPE	34.7M	17.4M	26.1M	- 3.9	53 23	- 4 18	1199	0 14 30	2	1.12	-.73	.40	2	10.0	9	4	4	0	0				
MONMOUTH	33.5	18.8	26.2	- 2.8	52 23	- 3 18	1196	0 16 28	2	1.12	-.63	.45	4	9.2	7	5	3	0	0				
QUINCY	37.5	22.4	30.0	- 2.5	59 23	- 1 18	1077	0 10 24	2	1.49	-.33	.72	4	10.5	8	4	5	1	0				
<b>QUINCY FAA AIRRORT</b>																							
RUSHVILLE	35.6	20.5	28.1		58 23	- 2 18	1137	0 13 26	1	.80		.20	4	4.1	7	5	4	0	0				
	36.3	19.6	28.0	- 3.0	57 23	- 2 18	1144	0 13 28	2	1.75	-.25	.60	4	11.8			5	2	0				
<b>OLVISION</b>																							
			27.3	- 3.0								1.17	-.65					8.2					
<b>* * * CENTRAL 04</b>																							
BLOOMINGTON NORMAL	35.3	21.2	28.3	- 2.2	51 24	- 1 18	1130	0 14 26	0	1.31	-.74	.34	2	9.0	7	8	5	0	0				
CHENOA	34.4	18.3	26.4		50 24	- 1 18	1189	0 14 30	2	1.50		.45	4	8.0	8	9	6	0	0				
DECATUR	37.7	22.7	30.2	- 2.2	52 24	- 1 18	1071	0 12 26	0	1.35	-.68	.41	11				4	0	0				
FARMER CITY	36.9	19.5	28.2		52 23	- 0 18	1134	0 11 27	2	1.38		.48	11	2.7	4	9	5	0	0				
HAVANA	35.7	20.3	28.0	- 2.8	54 23	- 0 18	1140	0 12 28	2	2.76	.97	1.34	31	8.4	8	4	5	1	1				
<b>LACON 1 E</b>																							
LINCOLN	34.2	17.8	26.0		51 24	- 2 17	1291	0 16 27	3	1.25		.43	4	7.7	7	8	6	0	0				
MASON CITY	36.3	20.5	28.4	- 2.8	53 23	- 0 18	1127	0 13 29	1	1.52	-.62	.43	26	3.4	4	8	5	0	0				
MINONK	33.6	20.9	27.3		50 23	- 1 18	1161	0 16 28	0														
PEORIA WB AIRRORT	33.6	18.0	25.8		48 23	- 3 6	1294	0 16 28	3	1.56	-.36	.39	4	8.3	8	8	6	0	0				
	32.6	18.8	25.7	- 3.4	50 23	- 1 18	1212	0 17 27	2	1.12	-.82	.29	4	7.2	6	5	4	0	0				
<b>RRINCEVILLE 1 N</b>																							
	34.0	18.3	26.2		50 23	- 2 18	1198	0 16 28	1	1.00	-.56	.23	4				3	4	4	0			
<b>OLVISION</b>																							
			27.3	- 3.5								1.48	-.50					6.8					
<b>* * * EAST 05</b>																							
OANVILLE	38.8	22.4	30.6	- .9	55 24	- 2 18	1059	0 8 25	0	1.94	-.19	.71	11				4	5	7	0			
HOOPESTON	35.6	20.9	28.3	- 2.1	54 24	- 1 18	1131	0 16 26	0	1.42	-.56	.45	11	4.5	4	9	7	0	0				
KANKAKEE 3 SW	33.8	20.0	26.9	- 2.6	50 24	- 3 6	1173	0 16 27	1	1.59	-.18	.40	11	7.8	7	8	5	0	0				
RONTIAC	35.6	19.8	27.7	- 2.5	52 24	- 0 18	1149	0 12 26	1	1.30	-.60	.35	4	8.1	6	5	5	0	0				
RANTOUL CHANUTE AFB	34.3	22.2	28.3		52 24	- 2 18	1131	0 17 27	0	1.37		.36	11				3	6	6	0			
<b>ROBERTS 3 N</b>																							
URBANA	36.1	19.3	27.7		50 24	- 1 18	1152	0 11 27	1	1.47	-.27	.54	4	5.2	4	12	4	1	0				
WATSEKA 2 NW	36.3	22.9	29.6	- 1.5	53 24	- 2 18	1088	0 13 26	0	1.79	-.29	.39	11	3.6	3	8	6	0	0				
	36.1	21.2	28.7		52 24	- 0 6	1118	0 12 26	1	.98	-.96	.38	11	5.5	5	7	3	0	0				
<b>OLVISION</b>																							
			28.5	- 1.7								1.49	-.46					5.5					

See Reference Notes Following Station Index









# DAILY TEMPERATURES

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Station	Day of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * *																																	
NORTHWEST 01																																	
ALEDO	MAX MIN	26 11	26 20	27 20	26 20	22 5	23 5	30 18	32 23	31 24	40 25	40 34	46 31	40 23	33 13	30 2	40 20	22 -A	14 -4	24 7	24 14	43 19	41 19	50 34	50 17	23 11	19 3	25 1	35 16	47 30	42 30	38 20	32.5 16.2
OIXON	MAX MIN	24 13	25 21	28 16	25 20	22 9	18 -2	27 15	31 20	30 9	39 20	38 35	44 32	36 24	27 12	25 5	42 22	15 -3	23 -3	23 9	27 14	42 18	41 22	45 34	41 20	23 13	21 8	28 6	32 15	44 29	41 30	53 18	30.9 16.2
FREESPORT	MAX MIN	22 14	24 20	28 13	25 18	22 6	21 -6	27 11	29 8	30 -4	39 21	38 32	38 36	36 23	25 10	25 5	39 19	21 -5	16 -4	21 8	26 6	37 17	43 18	41 34	39 17	21 12	22 7	27 0	31 11	40 27	39 33	33 14	30.1 13.1
FULTON DAM 13	MAX MIN	23 14	23 21	27 17	26 22	23 11	21 -1	28 17	29 30	30 20	38 20	40 34	41 33	38 24	34 12	27 7	38 24	28 -4	17 -3	23 9	29 13	40 14	41 21	43 33	43 21	22 15	23 21	28 6	34 13	43 27	43 33	34 18	31.5 16.3
GALVA	MAX MIN	25 11	28 15	27 21	26 22	23 10	22 4	28 4	32 22	22 22	39 22	39 34	36 33	36 27	29 22	8 8	45 10	31 -3	17 -3	24 7	31 12	45 18	40 22	49 48	48 13	36 13	17 7	28 5	35 7	44 21	39 32	28 22	32.8 15.9
GENESECO	MAX MIN	26 13	27 21	27 19	27 22	24 9	21 3	28 19	32 25	31 23	38 22	39 36	45 33	39 25	33 14	28 9	44 23	24 -3	17 -2	24 9	30 14	44 19	42 21	47 33	48 19	22 13	21 6	27 2	35 12	46 29	44 36	36 20	32.8 17.4
HFNNEPIN POWER PLANT	MAX MIN	25 12	28 23	31 23	30 24	24 13	20 -4	27 19	30 24	20 12	37 14	41 35	43 34	43 27	34 16	29 8	47 25	33 -1	18 -1	27 6	32 15	44 16	40 22	50 34	50 24	26 15	27 11	29 2	35 13	44 29	44 34	36 18	34.0 17.5
KEWANEE	MAX MIN	25 13	27 23	27 21	25 22	22 10	21 7	27 19	31 24	31 21	38 23	39 36	39 33	40 25	32 14	28 9	43 25	34 -3	16 -2	22 9	29 12	43 20	40 22	48 33	47 23	35 13	25 2	28 9	35 16	44 30	44 32	36 27	32.9 18.3
MOLINE WB AIRPORT	MAX MIN	26 15	26 23	27 23	26 21	22 -1	21 -1	29 22	30 26	32 26	40 24	40 36	47 34	37 26	33 16	12 12	41 11	11 -1	16 -1	24 12	28 18	45 19	44 21	50 37	47 15	21 15	19 3	27 -4	35 15	47 30	40 23	38 20	32.4 17.1
MORRISON	MAX MIN	24 14	26 20	29 15	27 20	25 6	19 -8	28 11	31 24	31 5	39 20	38 34	43 33	40 22	34 10	28 4	42 23	35 -4	17 -5	23 8	28 13	42 19	42 19	46 32	44 22	24 12	22 5	30 -4	34 14	43 25	42 32	37 17	32.7 14.4
MOUNT CARROLL	MAX MIN	21 14	25 19	28 14	25 18	22 7	19 -8	27 11	31 16	30 -3	39 22	39 33	38 32	37 23	32 10	24 4	38 22	34 -6	15 -5	22 3	27 6	39 13	42 20	42 34	43 18	21 11	21 6	28 1	32 11	42 27	41 31	42 14	30.8 13.5
PAW PAW	MAX MIN	19 12	24 19	29 24	28 16	28 6	20 -2	28 0	28 19	28 12	27 20	36 25	38 33	38 22	30 15	28 8	29 6	42 -4	4 -5	15 3	23 10	25 12	40 22	38 25	35 32	35 18	25 4	20 3	26 14	35 23	25 17	37 19	28.6 13.1
ROCHELLE 1 W	MAX MIN	19 4	24 15	29 16	28 4	25 -6	20 -6	20 2	26 19	28 3	27 20	34 25	37 33	37 22	31 12	17 7	31 6	42 -4	5 -4	16 4	23 7	27 8	39 20	40 26	43 32	35 14	24 7	20 2	26 6	33 24	39 17	38 17	28.5 11.9
ROCKFORD WB AIRPORT	MAX MIN	26 17	28 23	29 17	27 5	22 -10	21 -10	28 20	30 2	30 1	39 21	40 34	39 34	35 26	32 9	30 3	42 14	14 -1	17 -2	24 9	28 5	40 12	42 21	43 34	37 19	26 16	23 6	29 6	32 16	43 30	36 25	31 16	31.3 14.4
STOCKTON	MAX MIN	20 12	22 19	25 24	23 16	22 6	0	25 10	28 12	28 15	36 25	36 33	36 31	35 22	30 9	23 3	35 18	18 -7	15 -5	19 14	25 13	35 13	35 18	39 30	38 13	19 10	28 4	26 4	29 19	38 27	37 19	31 19	28.2 14.5
TISKILWA	MAX MIN	25 12	28 19	31 22	29 16	24 6	22 -7	28 19	32 24	32 15	40 13	41 36	42 34	40 27	34 16	29 7	48 26	32 -2	14 -1	27 6	31 14	44 13	39 23	50 36	50 24	24 15	19 9	29 4	35 9	44 27	43 26	43 18	33.8 16.8
WALNUT	MAX MIN	23 12	25 21	28 19	26 5	21 -3	20 -3	27 12	30 16	30 14	36 22	40 35	43 33	37 24	30 11	27 10	45 23	27 -3	17 -4	25 10	29 13	43 18	40 21	46 34	46 21	22 13	22 7	24 0	32 15	44 28	43 29	31 20	31.7 16.0
* * *																																	
NORTHEAST 02																																	
ANTIOCH	MAX MIN	25 11	28 20	30 24	30 22	28 7	24 0	25 9	32 24	28 20	37 23	39 33	37 31	33 24	30 11	23 1	44 22	33 0	18 -2	22 10	30 9	39 13	40 23	46 33	46 27	28 17	28 14	28 8	30 24	41 28	41 32	35 17	32.2 16.9
AURORA COLLEGE	MAX MIN	25 13	28 21	30 25	32 8	24 -2	19	26 17	35 13	28 6	37 22	38 33	40 32	38 26	30 13	24	45 23	31 13	17 -1	25 8	30 11	41 18	38 22	47 34	44 25	27 26	26 12	28 7	32 23	42 30	41 26	39 17	32.6 17.1
BARRINGTON 1 NW	MAX MIN	24 8	26 16	31 20	30 20	22 0	0	32 9	29 19	28 2	37 20	39 32	37 31	39 22	31 9	21 1	43 17	43 -4	18 -5	19 3	26 10	39 7	39 21	42 31	46 29	33 17	34 14	30 4	41 12	42 25	41 31	33 13	32.4 13.9
CHICAGO O HARE AIRPORT	MAX MIN	24 11	33 21	34 29	33 22	23 8	18 -3	27 18	32 10	28 7	38 21	40 33	41 33	35 28	31 10	30 1	44 24	24 2	18 0	25 10	28 7	40 10	40 24	48 37	47 23	27 23	27 4	29 12	33 20	44 31	39 24	36 15	32.7 16.6
CHICAGO UNIVERSITY	MAX MIN	25 17	33 24	33 29	32 30	23 16	11	27 18	35 25	30 20	41 26	43 35	45 34	37 29	33 11	32 9	45 25	25 3	2 2	26 12	30 19	42 23	40 30	50 39	50 26	31 23	30 19	31 19	35 27	47 35	45 30	26 22	34.9 22.3
CHICAGO WB AIRPORT	MAX MIN	25 16	33 23	33 30	34 27	27 14	4	28 20	33 24	29 19	41 24	43 35	43 34	38 28	32 13	31 7	44 26	27 4	2 2	26 12	29 18	40 19	38 27	48 36	47 26	30 22	29 15	26 15	33 22	45 33	43 29	38 20	33.8 20.9
CHICAGO WB CITY	MAX MIN	25 16	33 25	34 28	33 16	23 12	20	29 20	34 25	32 20	41 28	42 32	45 32	38 27	32 12	32 8	45 26	26 4	18 2	25 12	29 18	39 24	40 28	49 37	48 24	30 22	27 18	29 18	34 25	46 34	43 29	34 27	34.4 21.8
JOLIET	MAX MIN	25 15	30 20	32 26	32 12	30 2	20	27 12	31 24	27 12	38 25	42 36	44 36	44 29	32 17	28 6	46 24	42 -3	18 -1	26 12	30 19	42 23	40 27	50 35	50 26	32 20	30 12	30 12	33 21	45 30	47 33	38 22	34.9 20.3
MARENGO	MAX MIN	24 12	29 19	30 20	30 22	23 7	-2	27 5	32 19	27 6	39 22	38 32	37 32	36 25	25 10	20	42 20	28 -2	-3	21 8	27 10	39 18	39 22	43 33	43 28	25 16	26 12	26 7	30 14	40 27	38 33	33 15	30.7 15.5
MORRIS 5 N	MAX MIN	24 14	28 22	32 25	31 27	28 7	18 -2	27 15	30 14	29 -1	37 13	39 34	41 32	40 28	31 16	27 0	44 29	31 -3	18 0	26 8	31 15	41 15	37 23	49 34	48 30	31 20	28 15	29 11	33 19	42 30	42 32	34 17	32.6 17.3
OTTAWA	MAX MIN	25 16	30 24	32 26	32 12	25 2	12	29 19	34 18	32 10	37 20	40 35	43 34	41 29	34 17	28 9	47 25	35 10	0	28 17	34 10	43 23	39 27	50 36	48 27	27 16	32 14	32 10	35 21	43 30	43 33	35 22	34.7 19.4
PARK FOREST	MAX MIN	24 14	32 23	32 28	31 10	30 12	-1	26 18	31 22	28 18	39 24	40 32	44 34	39 28	30 12	31 8	44 25	25 2	0	28 10	31 18	40 19	39 27	50 38	50 26	31 22	27 18	30 16	34 24	45 33	42 27	36 20	33.8 20.2
PFRU SEWAGE PLANT	MAX MIN	26 14	29 23	31 25	29 18	22 6	0	27 19	30 15	32 15	39 23	41 34	41 33	39 27	30 12	31 7	43 18	18 -2	0	28 8	32 13	43 18	40 24	48 34	46 26	28 16	23 8	29 5	34 16	42 30	40 25	36 20	32.7 16.9
SYCAMORE	MAX MIN	27 13	28 12	29 20	22 15	23 5	-5	26 15	31 12	26 2	36 20	38 33	37 31	36 22	30 11	23 7	43 22	30 20	-3	23 7	27 10	39 14	33 22	43 33	42 23	32							

# DAILY TEMPERATURES

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Station		Day of Month																															Average		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
WFST	03																																		
GALESBURG		MAX MIN	26 11	29 21	28 22	25 19	23 0	21 -1	28 20	32 24	32 23	39 28	39 34	44 33	36 25	31 13	31 10	46 12	12 -3	12 -3	26 9	31 21	46 23	41 24	51 34	49 14	22 13	21 7	29 4	35 19	42 33	39 25	35 22	32.3 17.3	
GLOEN 1 NW		MAX MIN	29 4	27 21	30 21	26 22	23 6	24 2	30 20	35 15	35 26	39 31	42 37	52 32	45 27	35 22	33 12	50 25	25 3	18 -4	29 9	34 18	48 24	45 24	57 32	54 22	25 15	25 12	30 8	37 24	53 35	45 30	38 30	36.0 19.6	
LA HARPE		MAX MIN	28 3	28 3	29 21	26 22	24 8	23 6	31 20	33 19	33 20	41 18	41 36	46 30	41 24	35 18	29 12	47 24	24 -4	17 -4	27 9	33 20	47 20	45 23	53 19	52 19	22 14	22 7	22 6	37 22	51 31	43 32	36 26	34.7 17.4	
MONMOUTH		MAX MIN	26 9	28 22	27 21	25 19	23 0	23 -1	30 20	33 23	32 24	37 25	39 37	44 31	39 24	33 18	30 10	45 24	24 -3	17 -3	25 9	32 21	46 23	44 24	52 33	50 18	22 15	22 12	29 10	35 22	46 33	44 33	35 24	33.5 18.8	
QUINCY		MAX MIN	30 10	30 26	33 23	26 14	23 9	24 9	35 21	36 25	38 28	41 36	44 39	48 36	44 28	34 15	51 24	24 -1	24 -1	12 12	22 27	34 29	36 34	50 23	44 18	59 13	58 9	26 18	24 13	37 26	55 36	47 34	41 33	37.5 22.4	
QUINCY FAA AIRPORT		MAX MIN	28 12	29 23	30 23	25 14	21 9	24 7	30 21	33 24	37 27	41 33	43 34	50 33	39 27	31 17	50 17	17 -1	19 -2	33 11	37 20	48 27	44 28	58 28	48 18	25 18	23 12	30 10	37 26	53 37	44 33	39 32	35.6 20.5		
RUSSHVILLE		MAX MIN	29 2	30 14	28 23	26 22	27 19	28 5	33 19	36 20	37 25	40 28	44 34	39 28	40 20	29 18	40 11	54 18	20 0	21 -2	32 8	32 15	49 22	44 26	57 32	34 20	27 15	32 11	34 22	48 34	50 32	46 32	38 34	36.3 19.6	
CFNTRAI	04																																		
BLOOMINGTON NORMAL		MAX MIN	25 7	29 22	31 26	31 28	28 18	20 5	28 18	31 21	33 11	37 28	43 36	46 35	45 30	34 20	29 11	47 26	46 3	12 1	26 10	34 24	41 24	41 27	51 35	51 30	30 16	29 12	28 13	36 24	47 34	48 33	38 30	35.3 21.2	
CHFNDA		MAX MIN	25 12	29 25	32 26	31 26	28 13	20 2	29 18	30 17	33 4	37 20	40 32	45 35	43 26	33 15	28 8	46 21	34 0	18 -1	27 7	33 19	41 20	37 24	50 22	50 25	30 15	30 15	30 12	35 22	45 32	42 30	36 25	34.4 18.3	
OFCATUR		MAX MIN	26 7	34 24	31 29	31 28	30 17	22 6	31 16	32 24	22 25	42 32	47 41	51 35	47 30	35 12	51 29	39 4	39 1	20 -1	30 11	39 21	43 26	40 27	52 34	52 25	31 15	30 18	34 15	38 25	50 36	38 36	38 31	37.7 22.7	
FARMER CITY		MAX MIN	25 0	32 20	33 25	36 28	38 11	23 1	30 12	34 17	34 24	37 29	45 33	49 33	49 29	32 18	29 10	48 25	42 4	20 0	29 9	35 22	41 22	48 36	52 22	48 15	32 12	30 14	32 15	38 25	48 36	50 29	36 19	36.9 19.5	
HAVANA		MAX MIN	27 1	29 21	33 25	31 24	28 18	23 4	30 20	34 19	35 25	39 21	44 35	49 31	46 30	45 22	35 13	51 2	49 0	20 -2	30 17	33 21	47 39	43 31	54 39	47 13	24 12	27 22	41 29	49 34	43 28	42 32	35.7 20.3		
LACON 1 E		MAX MIN	25 13	29 23	30 23	30 23	24 13	20 -2	28 19	31 13	32 10	40 20	40 35	43 35	43 27	37 13	47 3	33 -2	16 -1	28 9	32 20	43 22	39 34	51 26	51 36	26 15	26 11	28 8	35 20	46 33	45 25	36 22	34.2 17.8		
LINCOLN		MAX MIN	27 8	32 22	32 26	32 23	27 11	22 3	31 17	33 25	36 26	38 26	45 36	50 31	42 28	33 10	32 0	50 28	28 2	18 0	29 10	35 22	45 23	41 25	53 40	50 26	33 14	30 16	30 12	38 23	48 34	48 29	38 29	36.3 20.5	
MASON CITY		MAX MIN	24 7	29 22	30 26	30 21	28 13	6 14	28 14	32 18	33 20	37 28	46 37	45 34	43 29	30 25	10 10	46 25	25 12	15 1	27 10	33 23	41 24	40 26	50 37	50 26	27 16	24 12	27 16	34 22	45 31	41 32	34 26	33.6 20.9	
MINDOK		MAX MIN	25 12	28 22	30 22	30 23	24 13	20 -3	31 17	32 15	37 8	40 20	44 34	46 33	41 27	31 16	27 6	46 25	37 -2	27 5	31 8	41 18	47 34	48 26	47 34	57 26	48 15	27 13	26 10	34 21	42 31	41 32	35 25	33.6 18.0	
PFORIA WB AIRPORT		MAX MIN	25 10	27 23	30 24	30 20	20 3	20 3	26 20	29 22	31 22	40 25	40 36	44 33	35 27	31 15	30 10	47 28	19 2	15 -1	28 10	33 22	44 22	37 36	50 36	46 26	26 15	22 10	28 10	37 24	45 36	39 26	36 18	32.6 18.8	
PRINCEVILLE 1 N		MAX MIN	25 12	29 22	30 22	27 20	20 8	25 4	29 12	30 23	30 20	40 22	41 35	42 32	44 26	33 15	30 8	52 20	32 -2	26 -2	26 10	30 20	43 22	30 30	48 24	38 14	25 10	28 7	36 16	45 28	45 33	36 24	34.0 18.3		
EAST	05																																		
OANVILLF		MAX MIN	27 8	35 19	34 27	32 28	30 20	25 4	32 18	34 23	34 20	42 17	48 38	53 36	51 32	35 21	30 7	51 27	46 9	20 2	30 6	38 23	41 17	38 30	53 38	55 36	38 23	34 23	33 18	40 30	50 34	53 35	40 26	38.8 22.4	
HOOPESTON		MAX MIN	25 9	32 20	32 25	32 27	20 20	30 16	30 17	32 17	37 19	45 36	49 37	48 30	31 18	27 9	47 25	43 5	18 1	27 9	32 22	39 20	36 28	51 36	54 33	34 22	52 16	29 28	35 32	47 33	49 38	36 28	35.6 20.9		
KANKAKEE 3 SW		MAX MIN	25 14	30 21	31 26	32 28	31 17	28 -3	28 13	30 24	29 2	37 15	39 35	45 34	41 28	30 18	27 8	44 24	38 5	18 1	25 9	31 17	40 18	35 26	49 34	50 32	34 22	29 16	30 16	33 26	42 35	42 35	35 20	33.8 20.0	
PONTIAC		MAX MIN	25 13	30 22	33 26	31 28	29 14	22 1	29 10	31 21	33 21	37 18	40 35	45 34	42 27	34 20	28 10	47 25	42 5	20 0	27 9	35 20	42 18	38 26	50 35	52 34	43 18	30 14	30 17	35 23	44 32	44 34	36 25	35.6 19.8	
GRANTOUL CHANUTE AFB		MAX MIN	24 13	30 20	29 26	30 27	27 9	25 5	29 21	28 23	32 21	38 22	44 38	49 36	36 29	31 17	12 12	48 31	3 3	17 -1	28 12	33 22	40 20	41 30	51 43	52 34	31 21	26 16	29 16	37 29	46 37	40 38	34.3 22.2		
ROFBRTS 3 N		MAX MIN	25 10	30 20	35 25	30 28	30 16	19 1	30 17	33 19	33 9	37 16	40 34	45 32	43 27	30 18	28 8	46 24	40 5	25 -1	28 8	35 18	40 20	35 25	50 34	50 33	44 19	31 14	35 14	40 17	45 38	45 31	41 28	36.1 19.3	
URBANA		MAX MIN	26 11	34 24	34 27	31 26	22 13	22 9	31 18	33 24	35 25	40 29	46 37	51 34	44 31	34 18	30 13	49 28	5 3	18 -1	29 10	36 24	40 23	41 29	53 41	53 25	31 19	30 10	37 30	48 38	50 34	37 31	36.3 22.9		
WATSEKA 2 NW		MAX MIN	26 12	32 24	30 25	32 28	30 19	20 0	29 14	33 22	33 15	40 21	41 38	48 34	44 31	29 8	48 25	40 7	20 1	30 12	34 18	40 19	38 28	50 35	52 35	35 23	32 20	35 16	36 18	45 32	46 34	40 25	36.1 21.2		
WEST SOUTHWEST	06																																		
ALTON DAM 26		MAX MIN	33 16	47 28	33 29	34 25	27 16	26 14	35 24	37 29	41 29	45 34	49 34	51 33	41 33	38 24	38 20	55 29	49 5	18 3	32 13	38 25	44 25	45 28	58 37	52 24	32 21	28 18	32 15	43 28	53 39	54 34	44 36	40.4 24.8	
CARLINVILLE		MAX MIN	31 5	35 29	34 29	32 24	26 20	25 18	33 18	35 23	44 30	44 32	50 40	54 30	49 31	36 26	35 12	54 32	47 6	18 0	29 12	39 21	46 23	43 28	56 39	52 26	31 16	31 18	32 13	40 25	53 38	54 35	43 32	39.7 23.2	
GRIGGSVILLE		MAX MIN	27 7	30 25	30 24	30 24	27 18	22 8	34 19	38 24	40 27	40 33	46 38	50 31	46 28	36 13	33 10	54 24	3 -1	18 -1	29 9	38 22	41 24	51 36	52 29	42 36	57 24	56 18	28 14	38 30	55 41	53 34	42 35	38.4 22.1	
HILL580RO		MAX MIN	28 7	36 24	35 30	32 29	31 25	25 15	35 19	36 24	42 29	45 30	50 42	53 36	50 32	38 29	33 14	52 31	48 7																



Continued

## DAILY TEMPERATURES

ILLINOIS  
DECEMBER 1964

Station		Day of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
JFRSEYVILLE 2 SW	MAX	28	35	34	32	26	26	37	36	42	43	50	52	48	35	54	50	19	30	38	48	47	58	49	30	29	30	39	55	54	44	39.9		
	MIN	6	28	27	26	20	9	18	22	29	31	41	28	31	29	16	33	6	0	9	19	24	28	35	29	19	18	13	26	36	34	32	23.3	
MORRISONVILLE 4 SE	MAX	28	34	33	32	28	23	34	34	41	40	49	52	48	34	32	50	41	19	29	36	43	41	53	52	32	32	30	38	52	52	42	38.2	
	MIN	7	23	30	28	19	10	19	19	28	31	37	33	31	25	16	31	6	2	9	19	23	30	40	27	17	19	15	25	35	35	31	23.4	
PANA	MAX	28	34	33	32	28	25	34	34	39	42	49	52	48	37	32	50	42	17	29	36	42	41	53	56	32	31	31	38	50	54	43	38.5	
	MIN	7	23	29	28	19	11	19	19	28	31	41	37	31	25	13	31	6	2	10	21	24	26	39	27	18	21	16	24	32	35	32	23.4	
SPRINGFIELD WB AIRPORT	MAX	29	33	31	32	24	23	32	31	38	43	48	51	39	33	37	50	24	17	30	35	45	42	54	51	29	24	31	39	50	48	39	36.5	
	MIN	12	24	27	23	10	7	22	27	27	33	33	31	31	19	15	24	3	1	12	19	27	27	41	20	17	16	13	26	38	32	31	22.2	
VIRGEN 1 SSW	MAX	27	34	33	32	26	25	32	35	40	40	50	51	47	37	32	51	45	18	29	38	44	41	54	49	30	30	37	50	50	41	38.0		
	MIN	4	26	27	25	20	9	17	25	28	32	38	30	31	26	14	31	5	0	9	19	18	28	38	27	19	17	13	26	35	34	31	22.6	
WHITE HALL 1 E	MAX	28	34	32	32	26	26	32	34	41	41	48	50	50	38	33	52	50	18	29	37	48	44	57	53	30	30	30	38	53	52	41	38.9	
	MIN	5	21	26	26	20	8	17	23	27	32	40	30	30	26	14	32	4	0	10	20	24	26	37	27	18	22	13	24	35	34	29	22.6	
* * *																																		
EAST SOUTHEAST	07																																	
CHARLESTON	MAX	27	34	35	33	30	24	34	34	39	44	53	53	52	36	30	51	45	17	29	35	39	40	54	56	34	33	30	39	51	54	41	38.9	
	MIN	7	27	29	28	22	10	18	28	27	32	43	42	32	24	15	29	8	3	11	21	24	28	39	33	21	22	18	27	31	37	32	24.8	
EFFINGHAM	MAX	29	35	36	34	30	27	36	38	40	45	52	54	50	39	32	53	47	21	30	40	41	41	57	59	33	33	32	40	58	57	45	40.8	
	MIN	5	25	30	30	23	11	19	27	30	30	44	44	32	25	15	29	8	2	8	18	22	29	40	33	18	22	18	23	36	36	33	24.7	
FLORA 2 NW	MAX	30	38	37	35	32	29	40	40	44	47	53	55	51	43	34	53	47	20	31	40	36	43	55	63	35	35	33	42	54	58	46	41.9	
	MIN	3	27	32	32	24	14	22	25	25	27	45	38	28	27	15	30	12	4	8	20	20	30	41	33	20	24	18	30	33	34	31	24.9	
MARSHALL 1 E	MAX	27	35	35	35	32	26	35	35	40	46	53	55	53	39	31	51	51	47	30	38	39	39	54	60	40	35	34	41	52	57	42	41.5	
	MIN	6	23	30	30	24	11	15	27	28	25	42	41	33	28	13	28	11	2	6	19	18	28	37	39	23	24	18	28	35	38	26	26.4	
MATTOON	MAX	28	34	32	32	27	21	34	33	39	46	50	53	49	36	33	51	31	18	29	38	40	40	53	56	32	31	32	39	52	53	42	38.2	
	MIN	11	24	28	26	13	11	20	28	28	31	39	40	30	19	14	31	3	2	11	21	23	29	40	24	18	20	17	27	37	31	30	23.4	
MCWEAGUA	MAX	25	35	33	33	31	33	33	32	39	38	48	51	50	36	32	51	43	19	30	37	43	39	50	45	37	30	32	37	49	52	40	38.2	
	MIN	3	20	28	26	20	6	17	22	26	27	36	33	31	26	12	25	6	1	9	17	22	29	38	28	16	17	15	26	35	36	31	22.1	
NEWTON	MAX	30	36	37	35	33	27	36	39	44	46	54	55	50	41	33	53	49	21	30	40	39	42	56	61	40	35	36	42	53	55	44	41.7	
	MIN	9	27	32	31	24	13	21	27	29	31	42	43	33	27	15	29	12	3	9	20	22	28	40	39	21	24	18	26	36	38	32	25.8	
OLNEY 2 S	MAX	30	39	40	36	33	28	38	38	45	49	56	57	50	42	34	53	49	21	31	41	37	43	56	63	40	38	34	43	55	59	47	42.7	
	MIN	3	28	32	28	26	15	21	25	24	30	43	39	28	28		31	13	4	4	16	19	29	29	39	24	23	21	20	35	35	29	24.7	
PALESTINE	MAX	29	37	39	37	35	27	38	38	44	49	53	57	50	42	32	53	45	20	31	39	35	43	56	62	38	37	35	42	55	59	44	42.0	
	MIN	6	29	33	31	24	14	21	29	31	30	45	44	48	29	14	31	9	4	8	19	20	30	42	35	25	27	19	29	36	31	30	25.9	
PARIS WATERWORKS	MAX	27	34	34	33	29	23	33	33	38	46	50	54	50	41	29	52	46	19	28	39	39	40	53	60	34	33	33	41	51	56	47	39.5	
	MIN	4	25	29	28	21	10	15	26	26	28	42	41	30	22	13	26	8	2	9	21	22	27	39	33	23	21	18	28	30	32	27	23.4	
SALEM	MAX	31	38	37	34	32	28	41	40	46	46	53	53	51	43	35	53	50	21	31	41	41	43	55	62	33	33	31	41	54	58	46	41.9	
	MIN	5	30	31	31	23	12	18	24	25	27	45	41	28	25	14	32	10	3	13	18	19	29	41	32	19	23	17	29	37	32	29	24.6	
TUSCOLA	MAX	23	31	31	30	28	22	30	32	32	36	44	51	49	32	28	51	44	20	31	38	38	44	53	53	29	31	28	36	46	49	37	26.0	
	MIN	5	22	27	28	17	6	16	28	26	24	35	35	32	22	13	20	4	2	8	18	22	28	34	28	19	21	17	27	34	35	30	32.0	
VANDALIA FAA AIRPORT	MAX	30	35	33	33	28	24	36	38	42	49	52	52	49	39	37	53	31	23	30	41	44	44	55	59	32	30	31	40	56	56	45	40.2	
	MIN	12	25	29	26	15	12	21	27	30	30	43	43	29	22	16	31	4	2	9	17	21	30	44	22	19	20	16	28	36	35	34	24.1	
WINOSOR	MAX	34	36	35	37	32	24	34	33	41	49	50	53	50	40	32	51	41	19	29	38	41	38	53	57	36	33	31	40	52	53	42	39.8	
	MIN	5	20	28	28	21	9	12	21	24	31	45	38	30	24	13	29	7	1	10	20	22	28	39	30	17	20	16	25	36	36	30	23.1	
* * *																																		
SOUTHWEST	08																																	
ANNA 1 E	MAX	33	44	47	35	33	32	41	47	51	47	53	53	49	47	41	52	52	20	30	44	36	44	59	64	39	38	31	47	55	58	48	44.2	
	MIN	11	32	33	30	25	16	20	32	24	32	44	41	33	28	18	35	12	2	8	22	21	30	42	37	24	25	24	26	39	45	38	27.4	
OBLEVILLE SCOTT AFB	MAX	32	36	33	34	27	25	40	39	42	46	51	54	41	42	39	54	31	16	29	39	40	44	57	55	31	27	30	42	53	53	44	39.5	
	MIN	15	30	31	26	18	14	25	25	24	26	41	38	27	22	15	31	6	2	11	18	19	30	41	24	20	18	17	28	39	33	34	24.1	
CAIRO WB CITY	MAX	39	51	51	40	33	34	41	52	52	54	57	50	50	46	55	54	21	33	42	35	52	65	67	46	38	32	50	60	63	47	47.2		
	MIN	19	37	38	31	29	22	28	32	29	42	51	49	36	32	26	42	13	8	15	26	26	52	62	35	31	27	28	32	42	44	43	32.3	
CARBONDALE SEWAGE PL	MAX	35	46	50																														

# DAILY TEMPERATURES

ILLINOIS  
DECEMBER 1964

Continued

Station	Day of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
. . .																																	
SOUTHEAST 09																																	
ALBTON	MAX	30	43	43	37	35	30	40	42	49	49	53	58	52	48	36	52	49	22	30	42	35	42	57	58	39	39	32	42	55	57	48	43.4
	MIN	9	29	34	33	26	15	22	30	25	33	45	42	32	26	16	31	14	4	10	23	24	26	41	39	26	26	24	30	38	38	35	27.3
BROOKPORT DAM 52	MAX	39	50	52	43	35	34	41	49	52	51	51	58	54	48	43	55	38	20	34	42	34	47	62	66	48	47	33	50	60	65	56	47.0
	MIN	12	30	40	34	28	18	23	34	24	34	47	47	34	26	19	37	18	5	11	29	25	33	46	43	31	28	26	32	48	47	40	30.6
ELIZABETHTOWN	MAX	36	48	50	41	34	32	40	48	51	50	55	59	52	48	40	54	54	19	33	41	34	46	60	67	44	45	32	47	59	64	47	46.1
	MIN	9	34	36	32	27	16	20	31	22	31	45	45	32	25	17	34	14	3	10	26	22	30	45	41	24	26	25	28	39	43	38	28.1
FAIRFIELD ROAD WFLW	MAX	29	39	41	36	33	29	39	42	45	47	53	55	51	44	38	52	49	19	30	40	33	42	56	62	40	36	31	41	55	58	48	42.4
	MIN	5	29	33	33	26	15	22	28	22	32	44	40	36	28	13	31	13	4	7	23	21	29	42	40	21	26	23	23	32	40	30	26.2
HARRISBURG	MAX	37	47	50	39	34	33	43	47	49	52	55	58	55	48	42	58	57	20	34	42	34	52	60	67	44	42	31	55	59	62	48	46.9
	MIN	11	35	34	32	28	12	23	33	20	28	46	42	32	28	16	27	12	4	6	26	22	32	40	42	24	26	26	30	42	39	38	27.6
MCLANSBORO	MAX	33	43	46	36	32	30	41	42	48	48	54	55	52	45	36	52	50	19	31	42	33	43	59	63	39	39	30	44	56	58	46	43.4
	MIN	9	29	33	32	25	15	20	27	21	30	45	42	31	25	15	33	12	3	9	22	22	30	42	37	21	25	24	29	40	40	34	26.5
MT. CARMEL WATERWORKS	MAX	24	39	45	39	39	32	33	41	45	48	53	54	58	57	48	41	53	27	21	40	44	52	62	64	40	34	32	49	58	59	44.4	
	MIN	9	15	34	34	27	16	19	28	28	28	36	36	36	29	17	17	27	5	5	19	23	25	25	27	27	26	26	28	38	38	38	24.9
MCINTYRE	MAX	33	43	43	35	32	32	41	42	44	47	53	53	52	52	38	53	50	20	30	42	34	43	56	63	35	36	34	44	55	58	45	43.2
	MIN	12	29	33	32	25	14	21	25	22	29	45	38	30	26	14	33	12	3	9	21	22	20	42	35	20	25	22	28	39	34	30	25.5

Q MAXIMUM AND MINIMUM TEMPERATURES ARE THE HIGHEST AND LOWEST HOURLY READINGS FOR EACH DAY.

# DAILY SOIL TEMPERATURES

STATION AND DEPTH	TIME	Day of month																														Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31
URBANA																																	
4 INCHES	7 AM	37	37	38	-	-	-	-	35	35	36	37	40	41	37	35	34	35	32	32	31	31	31	32	37	35	35	33	33	34	39	37	35.1
	MAX	39	37	38	-	-	-	-	37	35	36	37	40	42	41	37	35	35	35	32	32	31	31	32	37	37	35	35	33	34	39	39	36.0
	MIN	37	37	37	-	-	-	-	32	35	34	36	37	40	37	35	34	34	32	32	31	31	31	31	31	32	35	35	33	33	34	37	34.3
8 INCHES	7 AM	40	39	39	-	-	-	-	37	37	38	38	40	41	39	37	36	37	35	34	34	34	34	34	36	36	36	35	35	35	38	38	36.7
	MAX	41	40	41	-	-	-	-	41	38	40	38	40	41	41	39	37	37	37	35	34	34	34	34	36	36	36	36	35	35	38	38	37.5
	MIN	40	39	39	-	-	-	-	34	36	34	38	38	40	39	37	36	36	35	34	34	34	34	34	34	36	36	36	35	35	35	38	36.1

MAX AND MIN FOR 24 HOURS ENDING AT 7 A.M. FROM PALMER DIAL TYPE THERMOMETER.  
FLANAGAN SILT LOAM UNDER BLUEGRASS SOD. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.

# SNOWFALL AND SNOW ON GROUND

ILLINOIS  
DECEMBER 1964

Station	Day of month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31
* * * NORTHWEST 01																															
OTIXON	SNOWFALL	2.8	4.7	3.8	T			0.9			T															1.5			1.7	T	
	SN ON GNO	3	6	9	8	7	7	6	5	3	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T	2	1		2	T	
FREEPORT	SNOWFALL	1.0	2.5	1.6	1.0			0.6	0.2	0.1			0.5						0.4							0.8			1.0		
	SN ON GNO	1	4	4	5	5	4	4	4	2			1	1					T	T	T	T	T	T	T	1	1	1	2	2	
GALVA	SNOWFALL	T	2.5		6.5			1.0											T						0.5			T			
	SN ON GNO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOLINE WB AIRPORT	SNOWFALL	0.8	2.2	0.8	3.6		T	0.1	1.2	T			0.1		T				0.4						T	1.7	T	0.8			
	SN ON GNO	T	1	3	7	7	6	6	6	5	4	T	T						T	T	T				T	2	1	1	T		
	WTR EQUIV		.3	.7	.8	.6	.6	.6	.7	.6																.1					
MORRISON	SNOWFALL	1.0	2.0	0.5	4.5			T	0.3										0.3						0.5	1.0		1.3			
	SN ON GNO	1	3	3	8	8	8	8	7	6	3	1		T					T	T	T				1	2	2	2			
ROCKFORD WB AIRPORT	SNOWFALL	1.4	3.4	0.1	3.1		T	T	0.2	T			0.4							0.5						T	0.7	T	0.5	T	
	SN ON GNO	2	5	8	7	6	6	6	5	3	2	2	1	1	1	1	T	T	T	T	1	1	1	1	T	1	1	1	1		
	WTR EQUIV	.1	.3	.5	.5	.5	.5	.5	.5	.5	.4	.2	.3																		
* * * NORTHEAST 02																															
ANTIOCH	SNOWFALL	T	3.5	0.5	4.5			T					1.0						0.5						T	1.0					
	SN ON GNO	T	3	4	9	9	9	9	8	7	5	3	T	1	1	1	T	T	T	T	1	1	T	T	T	T	1	T	T		
AURORA COLLEGE	SNOWFALL	0.8	3.3	T	5.0			T	T	T			2.3						0.2						T	2.2	T	T			
	SN ON GNO	1	4	4	9	9	8	8	7	7	5	3	3	1	T	T	T	T	T	T	T	T	T	T	T	2	2	2	T		
CHICAGO D HARE AIRPORT	SNOWFALL	1.6	3.1	T	4.1	T	T	0.1	0.2	T			0.1						0.6							1.5	T	T			
	SN ON GNO	2	3	6	7	7	6	6	5	5	1	T	T						T	T	T	T				T	2	1	1		
	WTR EQUIV	.2	.4	.6	.7	.7	.5	.5	.5	.4																.1					
CHICAGO WB AIRPORT	SNOWFALL	1.5	4.6	T	4.6	0.1		0.2	0.7	T				T					0.2							1.5	T	T			
	SN ON GNO	2	6	8	10	8	8	7	7	6	2															1	1	1	T		
	WTR EQUIV	.2	.5	.7	.9	.8	.6	.7	.6	.6	.2																				
OTTAWA	SNOWFALL	0.4	3.0		5.0	T	T	1.0	T																	0.1		T			
	SN ON GNO	T	3	3	8	8	8	8	9	9	4	1								T	T					T	T	T			
PARK FOREST	SNOWFALL	1.0	4.0	2.3			T	T	T																						
	SN ON GNO	1	5	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SYCAMORE	SNOWFALL		4.0		4.0																					1.0					
	SN ON GNO		4		8	8	8	7	6	5	3	2	T	T	T	T	T	T	T	T	1	T	T	T	T	1	T	T	T	T	
* * * WEST 03																															
LA HARPE	SNOWFALL	3.0	3.0		4.0																						T	T			
	SN ON GNO	3	6	5	9	8	8	7	7	-	6	T	T	T													T	T	T	T	
MONMOUTH	SNOWFALL		3.0		4.5					0.5																0.2	1.0				
	SN ON GNO		3	3	7	7	6	5	5	4	3																1	1	1		
QUINCY FAA AIRPORT	SNOWFALL	T	1.0	0.6	2.5			T					T	T													T	T			
	SN ON GNO	5	4	5	7	7	6	6	6	5	3																T	T			
* * * CENTRAL 04																															
BLOOMINGTON NORMAL	SNOWFALL		2.5	1.8	1.8	0.3			1.5				0.8													0.3				T	
	SN ON GNO		3	4	6	6	6	6	7	5	4															T					
LINCOLN	SNOWFALL			2.0					1.0				0.4																	T	
	SN ON GNO		3	2	4	4	4	4	4	2	-	T	T	T																	
PEORIA WB AIRPORT	SNOWFALL		2.9	0.7	2.9	T	T		0.7	T				T	T												T	T	T	T	T
	SN ON GNO	T	T	3	5	6	5	5	5	4	3	1	T	T	T	T										T	T	T	T	T	
	WTR EQUIV		.2	.5	.5	.5	.5	.5	.5	.4																					
* * * EAST 05																															
HOOPESTON	SNOWFALL		2.2	0.5	0.5	T	T	0.8					0.5																		
	SN ON GNO	1	3	3	3	3	3	3	4	4	3																				
KANKAKEE 3 SW	SNOWFALL		0.8	3.0	2.0	0.3	T	T	0.9	T	T		0.5		T	T	T	T	T	T	0.3							T	T	T	
	SN ON GNO		1	4	6	6	6	6	7	6	6	2	1	T	T	T	T	T	T	T	T	T	T	T	T		T	T	T		
PONTIAC	SNOWFALL		T	3.8	3.0				0.6				0.7																		
	SN ON GNO		T	4	6	6	5	4	4	3	2	T	T																		
ROBERTS 3 N	SNOWFALL	T	0.3	0.5	3.5	T	T			T		0.4	0.5															T			
	SN ON GNO	T	1	4	4	4	4	4	3	3	4	4	3	2	2	1															
URRANA	SNOWFALL		2.0	T	T	0.2		T	1.0				0.4																	T	
	SN ON GNO	1	3	3	3	2	2	2	3	2	1																				
* * * WEST SOUTHWEST 06																															
CARLINVILLE	SNOWFALL					T	0.3																								
	SN ON GNO		1																												
MORRISONVILLE 4 SE	SNOWFALL		0.3		0.2	0.5				T																					
	SN ON GNO	T	T	T	T	T	T	T	T																						
SPRINGFIELD WB AIRPORT	SNOWFALL		1.2	T	0.2	T			0.2					T														T	T	T	
	SN ON GNO	2	1	1	1	1	1	1	1	1	T																				
	WTR EQUIV	.2																													
WHITE HALL 1 E	SNOWFALL		0.5	0.5	0.5	T	T			T																	T	0.3	T		
	SN ON GNO	1	1	1	1	1	1	1	T																		T	T	T		
* * * EAST SOUTHEAST 07																															
NEWTON	SNOWFALL					0.1			T																						
	SN ON GNO	T																													
TUSCOLA	SNOWFALL			2.5	2.0	T	T		1.0					T																	
	SN ON GNO	2	1	6	3	3	3	-	3	3	2																				







# DAILY TEMPERATURES

ILLINOIS  
DELAYED DATA

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
FEBRUARY 1964																																	
WHEATON COLLEGE	MAX	41	36	33	44	50	50	37	29	30	31	36	36	35	31	33	34	37	38	34	30	28	28	28	28	39	32	29	35	47	35.1 19.4		
	MIN	28	18	27	22	28	31	21	12	13	22	15	26	30	17	14	18	19	24	23	23	18	11	7	6	24	13	4	24	25			
* * *	MAX																																
* * *	MIN																																
MAY 1964																																	
EAST ST LOUIS PKS COL	MAX	78	81	82	82	84	84	85	87	83	85	82	74	70	75	83	87	92	92	90	86	89		87	85	88	87	83	78	68	69	76	82.4 61.0
	MIN	54	61	59	65	57	67	68	72	56	59	60	52	54	49	54	67	67	72	69	68	64	71	70	67	54	70	62	53	46	48	57	
* * *	MAX																																
* * *	MIN																																
JUNE 1964																																	
CHICAGO WB CITY	MAX	60	65	71	66	71	66	73	89	91	70	69	89	92	77	71	60	76	87	94	78	80	80	83	76	89	96	87	87	96	92	79.4 83.5	
	MIN	55	52	51	57	56	58	63	61	70	54	54	66	70	62	53	52	57	69	69	68	66	64	68	64	67	73	75	76	79	77		
* * *	MAX																																
* * *	MIN																																
OCTOBER 1964																																	
FAIRFIELD RADIO WFIW	MAX	78	78	78	75	62	63	69	66	57	56	62	70	75	76	76	79	82	79	55	54	75	70	56	66	73	72	68	76	72	61	68	69.3 39.6
	MIN	46	60	37	45	39	30	31	51	36	26	29	37	39	42	45	47	39	50	35	29	40	33	33	28	37	39	50	52	53	32	37	
* * *	MAX																																
* * *	MIN																																
NOVEMBER 1964																																	
CREAL SPRINGS	MAX																					43	36	50	55	57	56	64	65	47	33		
	MIN																					14	10	18	22	37	39	36	45	25	7		

# EVAPORATION AND WIND

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
APRIL 1964																																	
SPRINGFIELD WB AIRPORT	EVAP	.12	.20	.15	.02	.01	.34	.20	.23	.12	.27	.31	.08	.35	.42	.14	.49	.38	.08	.26	.44	.16	.26	.05	.16	.20	.24	.29	.06	.08	.09	6.20 42.98 46.7	
	WIND	133	141	192	189	179	114	179	254	92	73	137	156	232	148	98	204	203	108	102	130	154	143	105	144	113	112	152	73	162	76		
	MIN	33	45	43	33	39	47	44	33	30	39	48	53	51	41	40	51	56	56	50	55	61	50	54	44	47	54	57	52	49	45		
* * *																																	
JULY 1964																																	
SPRINGFIELD WB AIRPORT	EVAP	.30	.40	.31	.41	.29	.28	.28	.08	.20	.26	.15	.30	.32	.31	.39	.30	.38	.24	.46	.38	.20	.30	.36	.39	.29	.32	.33	.20		.29	.32	9.138 232.7 69.1
	WIND	41	121	60	93	42	134	108	78	49	37	27	178	140	99	95	97	82	73	38	63	52	44	39	52	70	48	47	58	125	67	70	
	MIN	90	96	91	90	83	87	89	87	92	90	87	79	81	89	93	94	96	92	99	99	93	99	97	99	95	94	97	92	90	90	93	

# STATION INDEX

ILLINOIS  
DECEMBER 1966

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER	STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER
								TEMP.	PRECIP.	EVAP.										TEMP.	PRECIP.	EVAP.	
ALBION	0055	08	EDWARDS	7 38 23	88 03	530	8R	6P	H	BOSS W. ELLEN	MARKON A #NE	5342 06	WILLIAMSON	4 67 46	88 54	477	5P				MRS. ANTHONY HIGGONE		
ALCO	0072	03	HECKER	4 41 33	89 26	465	6P	6P	H	THOMAS E. PHILIPS	MARKON 1 W	5384 06	MADISON	3 40 02	88 58	72	5P				LLOYD J. SIMMONS		
ALEXIS WATERWORKS	0082	03	WARREN	4 41 03	89 34	444	6P	6P	H	THOMAS E. PHILIPS	MARSHALLS LOCK	5372 02	LA SALLE	4 42 59	90 36	484	6P	6P				CLOSED 11/30/66	
ALTON DAM #6	0101	08	MADISON	4 38 55	90 11	432	8ID	7A	H	U S CORPS OF ENGINEERS	MARSHALL 1 E	5310 02	CLARK	7 38 23	87 41	57	7A	5P				ERNEST THOMAS PINE	
ANNA 1 E	0187	UNION	4 37 17	89 52	467	6P	6P	6P	H	J. R. BUN	MARSHALL 2 W	5413 04	UNION	4 40 12	88 42	57	6P	6P				MRS. EDITH A. RICEKAR	
ANTHONY	0203	02	LAKE	4 42 29	88 06	600	7P	7P	H	ROY I. RUFALA	MARSHALL 3 W	5410 01	DEKALB	4 42 17	88 14	74	6P	6P				WENE FRANK O. GREENHOUSE	
AUGUSTA 2 W	0338	02	HANCOCK	4 40 50	89 05	600	6P	6P	H	ROBERT W. DAVIS	MATTON	5825 02	GRUNDY	1 41 27	88 26	86	6P	6P				EDWARD LEWIS COLMAJO	
AUMORA COLLEGE	0338	02	KANE	1 42 49	88 20	744	7P	7P	H	K. AURORA CO. TRANSPORT, DEPT.	MCHENEY LOCK AND DAM	5833 01	WHITESIDE	4 41 49	88 58	63	7A	5P				MRS. PAUL BEATTY	
AVON # 2	0345	03	FULTON	1 40 44	90 22	650	7A	7A	H	JAMES R. MITCHELL	MCHENRY	5893 09	WABASH	7 38 25	87 45	44	RA	6A	6P				EDWARD LEWIS COLMAJO
BARRY	0442	02	LAKE	4 42 10	89 09	810	3P	3P	H	U S CORPS OF ENGINEERS	MCHENRY	5901 01	CARROLL	4 42 05	89 58	817	7A	6P				W. P. DODGE	
BARRINGTON 1 NW	0545	06	PIKE	4 39 41	89 03	840	7A	7A	H	GEORGE E. GRIDER	MICHONE	5712 04	WOODFORD	4 40 54	89 02	785	7P	7P				MURPHY W. PARRIS	
BEARDSTOWN	0492	06	CASS	4 40 20	91 01	840	7A	7A	H	GEORGE E. GRIDER	MICHONE	5712 04	WOODFORD	4 40 54	89 02	785	7P	7P				MURPHY W. PARRIS	
BELLEVIEW SCOTT AFB	0510	08	ST CLAIR	2 39 32	89 51	447	8ID	7A	H	U S AIR FORCE	MICHONE	5712 04	WOODFORD	4 40 54	89 02	785	7P	7P				MURPHY W. PARRIS	
BELLEVILLE SEWAGE PLANT	0593	02	BOONE	4 42 18	88 52	753	6P	6P	H	U S AIR FORCE	MICHONE	5712 04	WOODFORD	4 40 54	89 02	785	7P	7P				MURPHY W. PARRIS	
BENTLEY	0598	03	HANCOCK	1 40 20	91 07	470	6P	6P	H	LEWIS E. THURMAN	MICHONE	5712 04	WOODFORD	4 40 54	89 02	785	7P	7P				MURPHY W. PARRIS	
BENTON FOREST SERVICE	0628	03	PANHANDLE	4 39 02	88 55	485	8A	8A	H	MRS R. CRAIN	MICHONE	5712 04	WOODFORD	4 40 54	89 02	785	7P	7P				MURPHY W. PARRIS	
BLOOMINGTON WATERWORKS	0741	04	MCLEAN	4 40 30	89 01	775	7A	7A	H	BLOOMINGTON WATERWORKS	MICHONE	5712 04	WOODFORD	4 40 54	89 02	785	7P	7P				MURPHY W. PARRIS	
BLOOMINGTON NORMAL	0743	04	MCLEAN	4 40 30	89 01	775	7A	7A	H	BLOOMINGTON WATERWORKS	MICHONE	5712 04	WOODFORD	4 40 54	89 02	785	7P	7P				MURPHY W. PARRIS	
BLUFFS	0768	03	MCLEAN	1 40 30	89 01	775	7A	7A	H	BLOOMINGTON WATERWORKS	MICHONE	5712 04	WOODFORD	4 40 54	89 02	785	7P	7P				MURPHY W. PARRIS	
BROOKPORT DAM #2	0793	08	HASLAC	5 37 08	88 39	330	6P	6A	H	ILL STATE NORMAL UNIV.	MICHONE	5712 04	WOODFORD	4 40 54	89 02	785	7P	7P				MURPHY W. PARRIS	
CAIRO NW CITY	1188	08	ALEXANDER	4 37 00	89 10	314	8ID	7A	H	U S WEATHER BUREAU	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CANTON	1240	03	FULTON	1 40 34	90 02	635	6P	6P	H	FLOYD D. HANCOCK	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CARBONDALE SEWAGE PL	1245	08	JACKSON	4 37 44	89 12	380	6P	6P	H	HUGH G. BIRD	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CARLIVILLE	1249	08	MADISON	4 37 17	89 52	621	6P	6P	H	JACK A. ANDERSON	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CARLYLE RESERVOIR	1260	08	CLINTON	2 38 38	89 20	101	8A	8A	BA	U S CORPS OF ENGINEERS	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CARMI # NW	1260	08	CLINTON	2 38 38	89 20	101	8A	8A	BA	U S CORPS OF ENGINEERS	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CENTRALIA 2 NE	1386	07	MADISON	2 38 33	89 07	496	6P	6P	H	CITY OF CENTRALIA	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHAMNAH BREIDEN ISL	1422	02	GRUNDY	1 41 24	88 37	505	7A	7A	H	U S CORPS OF ENGINEERS	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHARLESTON	1436	07	COLES	4 39 29	88 11	710	6P	6P	H	ROBERT W. DAVIS	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHEMO	1475	04	MCLEAN	1 40 44	88 44	710	5P	5P	H	C. MCLELL PARRY	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHESTER	1491	08	RANDOLPH	4 37 54	89 50	460	7A	7A	H	ROBERT W. GARRIS	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO CALUMET TR #6S	1522	02	COOK	3 41 40	87 36	593	6P	6P	H	CHICAGO SANITARY DIST	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO LAKEVIEW STATION	1522	02	COOK	3 41 40	87 36	593	6P	6P	H	CHICAGO SANITARY DIST	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO LYOLA UNIV	1532	02	COOK	3 42 00	87 40	592	6P	6P	H	CHICAGO SANITARY DIST	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO MAYFAIR PMP STA	1542	02	COOK	3 41 58	87 45	647	6P	6P	H	CITY ENGR WATER PURIF	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO W BR PUMP STA	1542	02	COOK	3 41 58	87 45	647	6P	6P	H	CITY ENGR WATER PURIF	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO WARP AIRPORT	1549	02	COOK	1 41 59	87 54	650	8ID	7A	H	U S WEATHER BUREAU	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO ROSELAND PMPG	1552	02	COOK	3 41 49	87 41	630	6P	6P	H	CITY ENGR WATER PURIF	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO PACINE PMPG	1557	02	COOK	3 41 49	87 41	630	6P	6P	H	CITY ENGR WATER PURIF	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO SAN DIST OFF	1562	02	COOK	3 41 54	87 38	630	6P	6P	H	CHICAGO SANITARY DIST	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO S FILTER PLANT	1564	02	COOK	3 41 45	87 33	631	6P	6P	H	CITY ENGR WATER PURIF	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO SPRINGFIELD PMPG	1572	02	COOK	3 41 55	87 44	630	6P	6P	H	CITY ENGR WATER PURIF	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO UNIVERSITY	1572	02	COOK	3 41 55	87 44	630	6P	6P	H	CITY ENGR WATER PURIF	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO WB CITY	1582	02	COOK	3 41 47	87 45	607	8ID	7A	H	U S WEATHER BUREAU	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO WINDY HILL	1582	02	COOK	3 41 47	87 45	607	8ID	7A	H	U S WEATHER BUREAU	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO WINDY HILL	1582	02	COOK	3 41 47	87 45	607	8ID	7A	H	U S WEATHER BUREAU	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO WINDY HILL	1582	02	COOK	3 41 47	87 45	607	8ID	7A	H	U S WEATHER BUREAU	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO WINDY HILL	1582	02	COOK	3 41 47	87 45	607	8ID	7A	H	U S WEATHER BUREAU	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO WINDY HILL	1582	02	COOK	3 41 47	87 45	607	8ID	7A	H	U S WEATHER BUREAU	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO WINDY HILL	1582	02	COOK	3 41 47	87 45	607	8ID	7A	H	U S WEATHER BUREAU	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO WINDY HILL	1582	02	COOK	3 41 47	87 45	607	8ID	7A	H	U S WEATHER BUREAU	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO WINDY HILL	1582	02	COOK	3 41 47	87 45	607	8ID	7A	H	U S WEATHER BUREAU	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO WINDY HILL	1582	02	COOK	3 41 47	87 45	607	8ID	7A	H	U S WEATHER BUREAU	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P	6P				MURPHY W. PARRIS	
CHICAGO WINDY HILL	1582	02	COOK	3 41 47	87 45	607	8ID	7A	H	U S WEATHER BUREAU	MOUNT OLIVE 1 E	5917 06	MADISON	4 39 04	89 48	882	6P						

REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, P.O.Box 143, Station "A", Champaign, Illinois 61824, or to any Weather Bureau Office near you.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are tens of degrees.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extrema of temperature of water in pan as recorded during 24 hours ending at time of observation.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

**SNOWFALL:** Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1931-1960.

**DIVISIONS,** as used in this publication, became effective with data for January 1957.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

**DELAYED DATA AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record, Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

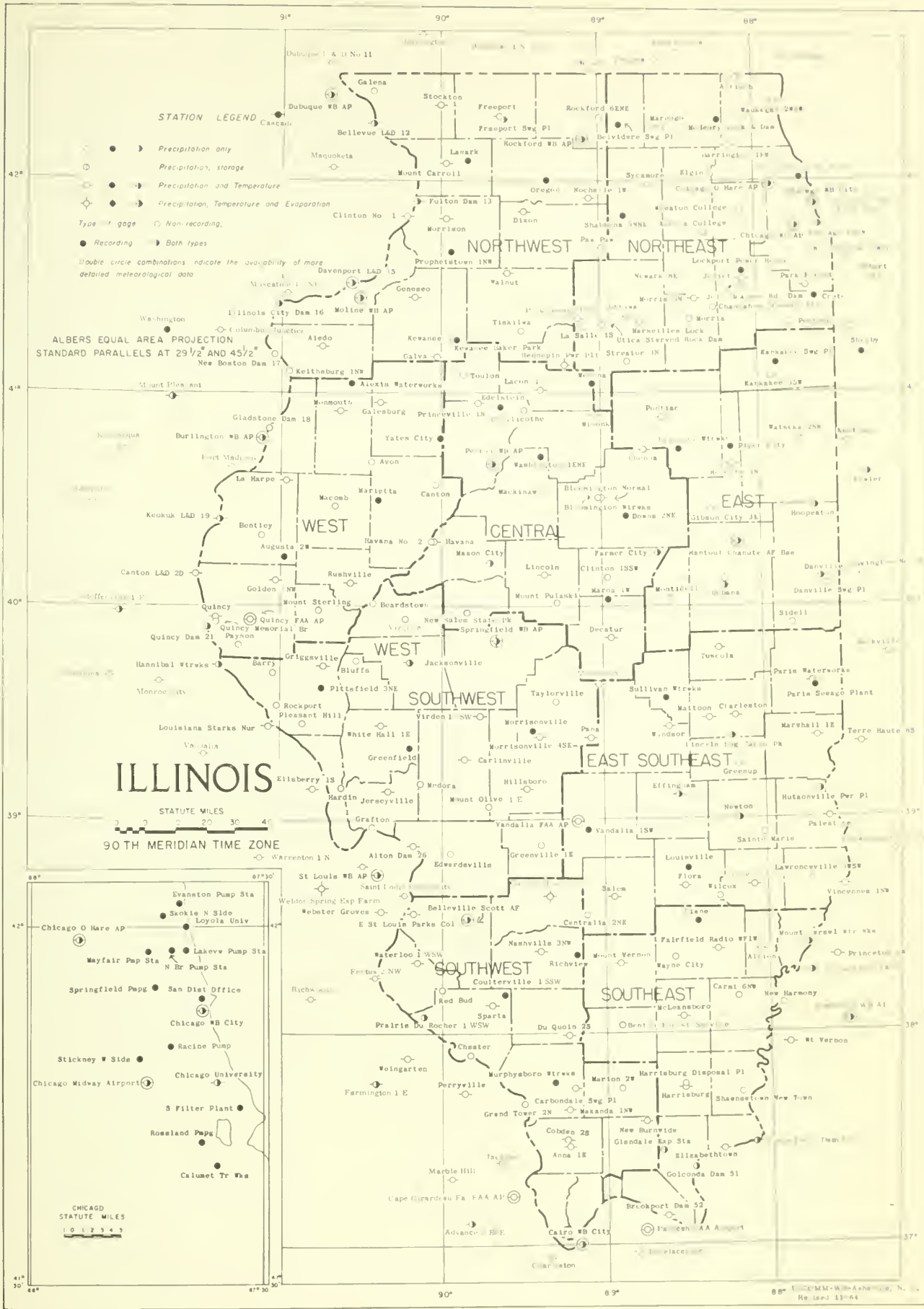
Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.





**STATION LEGEND**

- Precipitation only
  - Precipitation, storage
  - Precipitation and Temperature
  - ◆ Precipitation, Temperature and Evaporation
  - Type of gage ○ Non-recording, ● Recording
  - Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°  
New Boston Dam 17

**ILLINOIS**

STATUTE MILES  
0 10 20 30 40  
90° TH MERIDIAN TIME ZONE



CHICAGO  
STATUTE MILES  
0 1 2 3 4 5









U. S. DEPARTMENT OF COMMERCE  
JOHN T. CONNOR, Secretary  
WEATHER BUREAU  
ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

ILLINOIS



ANNUAL SUMMARY 1964

Volume 69      No. 13



# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ILLINOIS  
1964

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	
* * * * * NORTHWEST 01																											
ALEDO	29.1	4.4	28.0M	0.3	35.4	- 2.1	52.5	1.2	67.1	4.9	72.9	1.0	76.7	0.5	71.7	- 2.5	65.9	- 0.4	52.0	- 3.4	43.8	4.1	24.4	- 4.2	51.6M	0.4	0.3
DIXON	27.5	3.5	27.4	0.4	34.9	- 1.3	51.3	1.3	66.4	5.3	72.7	2.0	75.7	0.4	70.4	- 3.0	65.1	0.1	50.9	- 3.3	42.6	3.5	23.6	- 3.9	50.7	0.4	
FREEDPORT	26.6	5.3	25.6	1.4	33.2	- 0.6	50.0	1.8	64.6	5.2	69.6	0.4	73.8	0.5	68.9	- 2.5	62.9	- 0.3	49.8	- 2.3	42.2	5.2	21.6	- 3.7	49.1	0.9	
FULTON DAM 13	28.5		27.7		34.6		51.1		66.8		71.6		75.8		70.0		64.9		51.3		44.0		23.9		50.9		
GALVA	28.8	3.9	28.3	0.7	35.4	- 1.8	52.4	1.4	66.6	4.8	72.1	0.5	75.4	- 0.4	71.1	- 2.8	66.3	0.1	51.7	- 3.7	43.5	3.8	24.4M	- 4.2	51.3M	0.2	
GENESEO	29.4		28.2		35.5		52.4		67.4		72.9		76.7		71.3		66.1		52.3		46.7		25.1		51.8		
WENNEPIN POWER PLANT	29.8		28.4		37.0		53.0		66.9		73.0		75.3		71.3		66.2		51.1		44.2		25.8		51.8		
KEWANEE	29.7		29.0		36.5		52.7		67.9		73.6		76.8		72.8		67.3		53.0		44.9		25.4		52.5		
MOLINE WB AIRPORT	28.4	5.8	27.0	1.3	34.4	- 1.0	51.5	1.5	66.3	5.1	72.3	- 0.9	76.4	1.0	70.8	- 2.8	65.6	- 0.3	50.7	- 4.1	44.2	5.0	24.8	- 2.1	51.1	1.0	
MORRISON	28.4	4.7	27.5	0.7	34.8	- 1.4	51.9	1.6	66.3M	5.2	70.8	- 0.2	75.2	- 0.2	69.5	- 4.1	64.8	- 0.7	50.0	- 4.3	43.0	4.0	23.6	- 4.0	50.5M	0.1	
MOUNT CARROLL	27.6	5.0	25.7	0.5	34.0	- 1.0	50.6	1.5	65.2	5.2	69.8	- 0.1	73.6	- 0.3	68.5	- 3.6	63.2	- 0.8	49.2	- 3.8	42.2	4.4	22.2	- 4.2	49.3	0.2	
PAU PAU	28.7		24.9		31.5		47.9		63.3		69.9		73.7		67.9		62.0		53.0		44.9		20.9		47.9		
ROCKELLE 1 W	25.0		24.1		32.3		47.9		63.5		69.9		73.3		67.4		62.6		47.8		41.1		20.4M		48.0M		
ROCKFORD WB AIRPORT	26.7	4.7	25.7	1.3	32.3	- 1.7	48.5	0.7	62.6	3.5	68.6	- 1.1	72.8	- 1.4	66.9	- 5.6	62.7	- 1.1	48.4	- 4.4	41.1	4.0	22.9	- 2.7	48.2	- 0.4	
STOCKTON	25.9		26.0		32.2		49.5		64.8		70.1		75.1		70.1		63.1		50.1		41.7		21.4		49.2		
TISKILWA	29.5M		27.8M		36.7		52.3M		67.2		73.3		76.0		71.3M		66.4		51.3		43.8		25.3		51.7M		
WALNUT	29.0	4.2	27.5M	0.2	35.3M	- 1.5	51.6	1.0	69.8M	3.8	72.4M	0.2	75.0	- 1.5	71.1M	- 3.3	66.0	- 0.1	51.8	- 3.2	42.6M	3.0	23.9	- 4.4	51.0M	- 0.1	
DIVISION	27.9	4.5	27.0	0.6	34.5	- 1.3	51.0	1.1	65.8	4.9	71.5	1.0	75.1	0.1	70.0	- 3.1	64.8	- 0.3	50.5	- 3.7	43.0	4.3	23.5	- 3.8	50.4	0.4	
* * * * * NORTHEAST 02																											
ANTIUCH	28.4		27.5		34.3		48.0		63.2		69.3		73.4		69.0		63.3		50.3		41.9		24.6		49.4		
AURORA COLLEGE	27.9	3.6	27.2	0.9	35.6	0.1	50.6	2.0	64.5	5.3	71.3	2.1	74.0	0.3	69.1	- 3.3	64.2	- 0.1	49.1	- 4.2	42.1	3.7	24.9	- 2.4	50.0	0.6	
BARRINGTON 1 NW	28.1		26.5		34.3		49.0		63.0		68.5		72.3		67.8		63.2		48.8		42.6		23.2		48.9		
CHICAGO O HARE AIRPORT	27.7	3.5	26.6	0.4	33.7	- 1.0	49.1	1.9	62.7	4.9	69.0	1.0	72.1	- 0.6	67.7	- 3.6	63.3	- 0.3	48.0	- 5.1	41.4	3.3	24.7	- 2.7	48.8	0.1	
CHICAGO UNIVERSITY	30.6	3.5	29.9	1.6	36.0	- 0.3	49.9	1.8	64.2	5.8	71.1	2.9	75.1	0.9	71.8	- 1.6	66.2	- 0.0	52.6	- 3.1	45.2	4.4	24.6	- 1.6	51.7	0.9	
CHICAGO WB AIRPORT	29.5	3.5	28.8	1.1	35.9	- 0.4	51.1	2.1	66.0	6.0	73.1	2.6	75.7	0.1	71.7	- 2.5	65.9	- 0.2	51.1	- 4.0	43.7	3.8	27.4	- 1.7	51.8	1.1	
CHICAGO WB CITY	31.9	0.0	31.2	0.0	36.4	- 0.6	50.2	1.9	65.0	5.0	71.5	1.6	75.2	- 0.3	72.1	- 2.6	66.2	- 1.0	53.7	- 2.9	46.2	4.7	28.1	-	51.0		
CHICAGO WB CITY NO 2	30.8		29.6		38.5		52.7		67.3M		74.1M		75.6		71.4		66.4		53.2M		45.7		27.0		52.7M		
JOLIET	27.1		26.1		33.9		48.7		65.0		70.4		74.8		69.4		63.9		49.6		41.5		23.1		49.5		
MARENGO	27.1		26.1		33.9		48.7		65.0		70.4		74.8		69.4		63.9		49.6		41.5		23.1		49.5		
MORRIS 5 N	28.8	2.9	26.6	- 1.0	36.0	- 1.3	50.8	0.5	65.3	4.1	71.4M	0.5	74.4	- 0.6	69.6	- 3.6	64.7	- 1.2	50.0	- 4.9	42.9	2.8	25.0	- 3.7	50.5M	- 0.4	
OTTAWA	30.9	4.5	29.9	1.3	37.9M	0.0	52.5	1.3	67.6	5.7	73.9	2.0	75.7	0.4	69.0	- 2.5	67.1	- 0.6	53.0	- 2.5	45.5	4.9	27.1	- 2.4	52.8M	1.1	
PARK FOREST	28.8		27.1		35.4		49.8		64.6		71.7		73.9		70.1		65.0		50.6		43.8		27.0		50.7		
PERU SEWAGE PLANT	29.3	2.8	28.6	- 0.3	35.4	- 2.8	51.8	0.2	67.0	4.4	73.2	0.4	76.5	- 0.5	71.7	- 3.6	65.5	- 1.8	50.6	- 5.3	43.0	2.2	24.8	- 4.9	51.5	- 0.7	
SYCAMORE	26.6	3.8	26.4	1.4	33.2	- 1.1	48.9	0.9	64.3	5.1	70.5	1.0	73.7	0.0	69.3M	- 2.8	64.1M	- 0.2	49.7	- 3.1	41.5	4.0	23.2	- 2.9	49.3M	0.6	
WAUKEGAN 2 WNW	29.2	4.9	27.8	1.8	34.7	0.4	47.6	1.3	63.3	6.6	68.8	1.6	73.4	0.9	69.6	- 2.8	63.9	- 0.4	50.2	- 3.2	43.2	4.3	25.8	- 1.9	49.8	1.2	
WHEATON COLLEGE	29.0M		27.3		35.2		50.1		64.9		71.9		74.6		70.7		65.3		49.7		43.6M		27.0		52.7M		
DIVISION	29.0	4.0	27.9	0.6	35.4	- 0.4	50.1	1.0	64.9	5.1	71.3	1.4	74.4	- 0.2	70.2	- 2.9	64.9	- 0.4	50.6	- 3.8	43.4	4.0	25.5	- 2.7	50.6	0.4	
* * * * * WEST 03																											
GALESBURG	29.1		27.9		34.7		51.2		66.5		72.0		75.8		70.8		65.4		51.0		44.5M		24.8		51.1M		
GOLDEN 1 NW	31.8		29.5		38.3		54.5		68.0M		71.4		76.9		72.8		67.3		53.3		46.5		27.9		53.2M		
LA HARPE	30.6	4.3	28.4M	- 1.0	37.2M	- 1.7	53.6	1.8	68.0	5.3	73.5	1.0	77.5	0.9	73.2	- 1.6	68.0	- 0.9	54.0M	- 2.4	46.1	5.2	26.1M	- 3.9	53.0M	0.7	
MONMOUTH	30.2	5.0	28.1	0.6	36.0	- 1.9	53.6	1.7	67.1	5.1	72.6	0.8	76.3	0.3	72.6	- 1.6	66.3	- 0.1	52.0M	- 3.6	46.1	5.0	26.2	- 2.8	52.1	0.6	
QUINCY	34.6	5.7	32.5	0.1	40.4	- 1.2	56.9	2.4	70.4	5.2	74.4	- 0.7	79.9	0.3	76.1	- 1.7	69.7	- 0.0	53.8M	- 2.2	46.9	5.9	30.0	- 2.5	55.8	0.9	
QUINCY FAA AIRPORT	31.6		30.1		36.8		54.0		67.6		72.6		77.2		73.0		67.5		53.0		45.6		28.1		53.1		
RUSHVILLE	31.3M	3.3	29.7M	- 1.4	37.8M	- 2.1	54.4	1.5	68.1	4.6	73.9	0.6	78.0	0.5	73.6	- 2.7	68.7	- 0.8	53.1	- 4.0	46.8	5.2	28.0	- 3.0	53.6M	0.3	
DIVISION	31.3	4.4	29.5	0.3	37.3	- 1.8	53.9	1.4	68.0	4.9	72.9	- 0.1	77.4	0.2	73.2	- 2.2	67.6	- 0.1	53.2	- 3.4	46.2	5.1	27.3	- 3.0	53.2	0.4	
* * * * * CENTRAL 04																											
BLOOMINGTON NORMAL	31.3	3.7	30.0	- 0.2	39.1	0.0	53.6	1.4	68.4	5.5	74.0	1.2	76.1	- 0.6	73.6	- 1.4	68.1	0.5	54.0	- 2.7	46.9	5.7	28.3	- 2.2	53.6	0.9	
CHENOA	29.3M		27.7M		38.0M		51.9M		66.1M		74.0		74.5M		71.0M		65.1M		51.5M		44.0M		26.4		54.0</		

Table 1-Continued

# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ILLINOIS  
1964

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	
MARSHALL 1 E	32.6		32.2		41.9		56.0		66.6		74.3		75.1		72.6		66.6		51.5		46.9		33.0		54.1		
MATTOON	30.9		30.0		39.0		54.5		67.4		74.0		76.0		73.6		67.7		52.3		45.5		30.8		53.5		
MONTEAGUA	31.0		30.6		40.1		55.5		67.4		73.4		75.9		73.2		67.9		53.7		46.7		30.2		53.5		
NEWTON	34.4		33.9		43.7		58.2		69.2		75.5		77.3		75.5		68.7		56.5		48.5		33.8		56.1		
OLNEY 2 S	34.8	1.2	34.0	- 2.1	46.2	0.1	59.2M	3.4	67.6M	2.4	74.1	- 0.6	75.6	- 2.4	76.7	- 2.0	69.6	- 0.4	55.2	- 3.8	48.6	3.6	33.7M	- 1.8	56.0M	- 0.2	
PALESTINE	33.7	1.1	33.3	- 1.8	43.1	0.0	58.2	3.2	69.2	4.3	76.3	1.6	77.4	- 0.8	75.8	- 0.0	69.0	- 0.2	53.6	- 4.4	47.9	4.0	34.0	- 0.5	56.0	0.5	
PARIS WATERWORKS	32.7	2.4	31.0	- 1.7	41.2	0.4	55.7	2.6	67.8	4.2	75.0	1.7	76.3	- 0.8	73.9	- 1.8	68.1	- 0.2	52.9	- 4.4	46.7	4.4	31.5	- 0.9	54.4	0.5	
SALEM	34.1		33.5		43.6		58.6		68.7		75.3		77.2		75.9		68.8		56.0		48.0		33.3		55.9		
TUSCULA	31.5		29.9		40.2		55.0		68.0		75.6		M		73.3M		66.8M		52.1M		45.2M		29.0M		-		
VANDALIA FAA AIRPORT	31.9		31.6		40.6		56.6		66.7		74.3		76.5		73.8		67.0		51.3		46.0		32.2		54.0		
WINOSOR	M		M		M		55.8	2.7	68.3	4.8	75.0	1.7	76.3	- 0.6	74.8	- 0.4	69.5	1.4	53.7	- 3.4	47.3	5.0	31.5	- 1.0	-		
DIVISION	32.8	1.2	32.1	- 2.1	41.8	- 0.4	56.7	2.4	68.0	3.8	74.9	1.0	76.6	- 0.9	74.5	- 1.1	68.3	- 0.4	53.4	- 4.4	47.2	4.0	32.2	- 1.4	54.9	0.1	
SOUTHEAST 08																											
ANNA 1 E	35.6M	0.1	35.7	- 2.7	46.1	0.0	60.9	3.6	68.8M	2.5	76.9	1.7	75.2M	- 0.4	76.8	- 0.7	69.5	- 1.2	56.9	- 3.3	50.4	4.0	35.8	- 1.9	57.6M	0.1	
BELLEVILLE SCOTT AFB	33.5		33.2		41.3		57.4		67.9		75.1		77.7		75.6		68.2		53.9		47.6M		31.8		55.3M		
CAIRO NB CITY	38.6	1.8	38.6	- 2.1	48.4	0.2	63.1	3.7	71.6	2.6	79.6	1.7	81.0	- 0.1	78.8	- 1.1	72.0	- 0.5	58.3	- 3.6	51.5	3.6	39.8	0.3	60.1	0.5	
CARBONDALE SEWAGE PL	36.7	1.2	35.9	- 2.5	47.0	0.8	61.0	3.7	69.3	2.9	76.4	0.8	78.2	- 0.7	76.7	- 1.1	70.3	- 0.2	59.3	- 4.3	49.3	3.3	36.9	- 0.8	57.8	0.3	
CARLYLE	34.6		33.6M		41.0M																						
CARLYLE RESERVOIR	33.3		33.0		42.0		58.0		69.0		73.8		77.1		76.9		68.5		53.4		48.4		31.6		55.2		
COBDEN 2 S	36.4		35.7		46.5		60.9		68.2		76.3		77.7		76.4		68.8		55.2		49.7		M		-		
CREAL SPRINGS	36.3		36.1	- 1.6	46.5	0.9	60.6	3.6	69.2	2.7	76.0	0.4	75.7	- 0.1	76.3	- 1.5	69.6	- 1.0	55.5	- 4.2	49.8	3.8	37.0	- 0.4	-		
DU QUOIN 2 S	36.3	1.5	36.1	- 1.6	46.5	0.9	60.6	3.6	69.2	2.7	76.0	0.4	75.7	- 0.1	76.3	- 1.5	69.6	- 1.0	55.5	- 4.2	49.8	3.8	36.1	- 1.0	57.6	0.3	
EAST ST LOUIS PKS COL	36.6		35.3M		43.4		60.6M		71.7M		75.9		79.6M		76.9		71.1M		56.6M		49.6		33.5M		-		
HAKANDA 1 NW	36.7M		35.6M		45.8		60.7M		69.8		76.0		78.2M		76.9		70.0M		56.2M		51.1		35.8		57.7M		
NASHVILLE 3 NW	M		35.5M		44.7		58.8M		68.4M		75.4		77.8		76.0		68.3		54.5M		49.4M		34.5		-		
NEW BURNSIOWE	37.0	1.6	35.1	- 3.1	46.9M	- 0.9	61.4	4.3	68.8	2.9	76.0	1.2	77.4	- 0.7	77.0	- 0.1	70.0	- 0.3	59.8	- 3.9	49.7	3.3	34.7	- 2.4	57.7	0.0	
SPARTA	36.5	1.8	36.6	- 1.2	45.5	- 0.1	60.3	2.8	70.1	3.6	76.4	0.5	79.0	- 0.8	77.5	- 1.7	70.2	- 1.3	56.6	- 4.4	49.5	3.3	34.7	- 2.4	57.7	0.0	
WATERLOO 1 WSW	36.4		35.9		44.8		60.0		69.9		74.9		78.5M		76.8		70.2		56.5		49.5		34.0		57.3M		
DIVISION	36.0	1.1	35.4	- 2.8	45.0	- 0.6	60.3	3.0	69.4	3.0	76.1	0.4	78.4	- 0.6	76.6	- 1.2	69.7	- 0.9	55.7	- 4.2	49.7	3.8	35.1	- 2.0	57.3	- 0.1	
SOUTHEAST 09																											
ALBION	36.5		35.5		45.8		60.0		69.9		76.8		78.5		77.5		71.2		57.3		50.6		35.4		57.9		
BROOKPORT DAM 52	37.1		36.4		47.6		61.5		68.7		76.5		77.8		77.4		69.1		56.2		50.3		34.8		58.2		
ELIZABETHTOWN	36.5		34.6		47.0		60.6		67.7		75.1		76.6		76.3		68.6		54.6		49.2		37.1		57.0		
FAIRFIELD RADIO HFIM	35.2	0.8	33.9	- 3.1	44.7	- 0.1	59.0	2.7	68.0	2.3	75.3	0.1	76.5	- 1.8	75.5	- 1.4	68.5	- 1.8	54.5	- 5.0	48.8	3.3	34.3	- 2.1	56.2	- 0.6	
HARRISBURG	36.6	0.7	35.6	- 3.4	48.5	1.7	62.1	4.3	70.2	3.1	78.0	2.0	79.1	- 0.4	75.4	0.7	71.1	0.1	55.9	- 4.3	50.1	3.2	37.3	- 0.9	58.6	0.5	
MCLEANSBORO	35.5	0.4	34.8	- 3.1	45.6	- 0.1	59.7	2.5	69.7	3.3	76.7	1.1	78.1	- 1.7	76.9	- 1.1	69.9	- 1.1	55.1	- 5.0	49.3	3.2	35.0	- 2.1	57.2	- 0.2	
MT. CARMEL WATERWORKS	33.1M		33.6		43.1M		58.5		68.1M		75.0		76.9		75.2		69.3		54.5		49.7		34.7M		56.0M		
MOUNT VERNON	35.3	1.4	34.7	- 1.6	44.9	0.8	59.6	3.5	68.9	3.1	75.8	0.5	75.0	- 1.7	76.2	- 1.1	69.6	- 0.9	54.6	- 4.7	49.4	4.6	34.4	- 1.3	56.8	0.3	
DIVISION	35.7	0.7	34.9	- 3.0	46.0	0.3	60.1	3.1	68.9	2.7	76.2	0.6	77.7	- 1.4	76.7	- 1.1	69.7	- 1.0	55.3	- 4.4	49.7	3.9	35.9	- 1.0	57.2	- 0.1	

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

A Special Weather Summary describing unusual weather in 1964 was included each month except July issue of this publication.

## SOIL TEMPERATURES

Station and Depth	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
URBANA																										
4 INCHES	32.4	42/31	33.9	39/32	40.1	50/33	52.4	63/36	67.0	78/54	74.8	87/63	78.8	88/68	77.9	93/68	70.2	82/57	55.8	65/48	49.9	60/36	35.2	42/31	55.7	93/31
8 INCHES	33.8	41/32	34.7	37/33	40.3	46/34	51.5	60/38	65.5	72/55	73.5	81/64	77.9	83/71	77.0	84/71	70.9	79/59	57.1	63/52	51.1	60/39	36.8	41/34	55.8	84/32

MONTHLY AVERAGES ARE AVERAGES OF DAILY MAX AND MIN VALUES. EXTREMES ARE FROM ONCE DAILY OBSERVATIONS. TIME OF OBSERVATION 7 A.M. PALMER DIAL-TYPE THERMOMETER. SOIL TYPE: FLANAGAN SILT LOAM UNDER BLUEGRASS SOO. DEGREE OF SLOPE, 5%; SLOPE FACES SOUTHEAST.



# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Table 2

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	
<b>NORTHWEST</b> 01																											
ALEDO	.86-	.75	.64-	.74	2.71	.06	6.67	3.17	1.87-	2.27	2.79-	2.06	3.29-	.51	1.39-	1.54	3.91	.68	T	-	2.68	2.67	.69	.60-	1.18	27.40-	7.13
OLIXON	.85-	.82	.58-	.80	.407	1.78	5.78	2.82	2.49-	1.14	5.74	1.35	5.09	1.65	3.96	.31	3.16-	.13	.00-	2.61	2.31-	.04	1.25-	.61	35.34	1.69	
FREEDPORT	1.02-	.79	.86-	.33	3.53	1.62	6.45	1.80	3.80	.04	3.43	1.14	3.23-	.79	3.43-	.52	1.46-	.92	.05-	2.20	2.65	.24	1.14-	.57	29.21-	6.69	
FREEDPORT SEWAGE PLANT	1.02		.42		2.43		5.30		3.57		3.29		2.70		3.56		1.48				2.70		.84			27.35	
FULTON DAM 13	.62		.69		2.36		6.13		3.68		6.08		4.79		2.39		2.79		.07		2.76		1.27			33.63	
GALENA	.09-	1.52	.32-	.74	2.33	.30	4.75	2.02	7.07	3.21	5.51	1.02	3.83	.24	3.50-	.61	2.36-	.84	T	-	2.41	1.58-	.66	.57-	1.13	31.91-	1.14
GALVA	1.09-	.54	.90-	.51	.423	1.68	5.17	1.78	.96-	3.16	6.16	1.64	3.28-	.11	1.17-	2.04	4.41	1.40	.08-	2.77	1.59-	.49	1.06-	.60	30.19-	3.74	
GENESE	.33-	1.29	.64-	.75	3.72	1.31	5.95	2.80	2.71-	1.25	3.67-	.85	4.93	1.72	1.60-	2.41	4.26	1.08	.08-	2.54	2.07	.01	.95-	.62	30.91-	2.79	
HENNERIN ROYER PLANT	1.30		.35		3.44		5.16		.93		4.12		4.48		1.10		3.60		.11		1.98		1.09			27.66	
ILLINOIS CITY DAM 16//	.64		.95		1.76		5.45		1.39		5.21		2.45		6.11		2.11		.07		2.42		.95			27.51	
KEITHSBURG 1 NW	.68-	.73	.91-	.33	2.38	.18	6.88	3.97	1.51-	1.99	3.03-	1.03	1.94-	1.20	1.04-	1.60	3.75	.78	T	-	2.13	2.34	.67	.99-	.36	25.45-	3.87
KEWANEE	1.07		.71		4.05		5.26		1.18		5.87		3.16		3.62		3.62		.06		2.77		1.49			28.51	
MOLINE NB AIRPORT	1.59-	.02	.73-	.62	.402	1.63	6.37	3.20	2.68-	1.12	3.89-	.68	5.31	2.05	2.41-	1.12	3.99	.74	.01-	2.45	3.40	1.45	1.27-	.38	35.67	2.88	
MORRISON	.74-	1.05	.56-	.90	3.90	1.59	6.17	2.98	3.21-	.88	5.71	1.25	2.89-	.55	2.43-	1.56	2.79-	.67	.08-	2.46	2.72	.49	1.25-	.55	32.43-	2.29	
MOUNT CARROLL	.51-	1.30	.66-	.70	2.30	.07	6.31	3.30	3.23-	.80	7.76	2.94	2.00-	1.70	2.90-	.74	1.75-	1.63	.04-	2.41	2.07-	.39	1.17-	.72	30.68-	4.08	
NEW BOSTON DAM 17	.72		.88		2.88		6.82		1.89		3.47		2.94		3.75		3.27		.02		2.33		1.07			28.04	
DAM 24	.88-	.95	.74-	.78	3.49	1.01	5.73	2.45	1.30-	2.69	4.34-	.00	6.55	1.15	2.25-	1.35	3.88	.71	T	-	3.00	2.24	.01	1.85	.00	25.25-	1.53
ROCHELLE 1 W	.67-	.94	.38-	.87	3.10	.90	6.15	3.11	1.95-	1.59	4.77	.54	4.80	1.44	1.89-	1.74	3.48	.42	.06-	2.47	2.74	.70	.94-	.72	30.93-	1.22	
ROCKFORD & ENE	.40		.53		3.19		5.49		3.75		5.51		4.44		2.17		2.79		.15		4.66		.93			34.21	
ROCKFORD NB AIRPORT //	.97-	1.01	.50-	.94	3.64	1.18	8.17	5.12	3.41-	.42	6.51	2.21	5.20	1.06	1.99-	2.15	3.32-	.19	.11-	2.59	4.51	2.14	.91-	.79	39.24	3.62	
STOCKTON	.94		.85		2.53		5.20		3.01		2.28		1.94		3.96		1.71		T	-	2.54		1.23			26.19	
TISKILWA	.91-	.87	.36-	1.20	3.62	1.06	4.98	1.54	.66-	3.48	4.73	.69	3.15-	.22	.97-	2.56	3.60	.77	.08-	2.71	1.48-	.47	1.02-	.72	25.86-	8.17	
WALNUT	.73-	1.03	.75-	.67	3.89	1.58	6.25	2.94	2.69-	1.45	4.24-	.64	3.99	.80	2.10-	1.74	4.32	.80	T	-	2.71	1.88-	.12	1.01-	.62	31.55-	2.26
<b>DIVISION</b>	.89-	.85	.64-	.51	3.45	1.07	5.89	2.69	2.34-	1.53	4.83	.29	4.00	.29	2.18-	1.47	3.30	.09	.05-	2.55	2.42	.27	1.12-	.63	31.11-	2.84	
<b>NORTHEAST</b> 02																											
ANTLOCH	.86		.65		2.71		3.50		3.53		3.56		7.52		2.23		3.84		.17		4.06		.91			33.54	
AURORA COLLEGE	.85-	1.11	.73-	.81	2.83	.33	5.53	2.64	1.53-	2.21	5.07	.79	5.6	2.59	1.93-	1.54	4.10	.93	.24-	2.63	2.45	.22	1.65-	.26	32.74-	1.06	
BARINGTON 1 NW	1.03		.92		3.04		6.14		1.39		4.66		4.65		2.35		3.05		.06		1.89		1.82			31.00	
CHANNANON DRESDEN ISL	.72-	1.10	.52-	.99	3.45	.77	5.22	2.28	2.26-	1.50	2.86-	1.10	4.23	.84	1.95-	1.26	3.96	1.22	.16-	2.59	2.90	.73	1.51-	.32	29.74-	3.02	
CHICAGO UNIVERSITY //R	1.19-	.61	.65-	.93	3.88	1.19	5.29	2.21	2.31-	1.56	2.52-	1.27	3.10	.01	2.10-	1.09	2.97-	.22	.27-	2.44	1.77-	.31	2.19	.39	27.84-	6.61	
CHICAGO NB AIRPORT //R	1.08-	.78	.57-	1.03	3.81	1.07	4.96	1.92	1.74-	1.99	1.94-	2.13	4.83	1.46	2.19-	.97	2.50-	.23	.20-	2.58	1.26-	.94	1.87-	.03	26.95-	6.23	
CHICAGO NB CITY	1.03-	.89	.60-	1.03	4.13	1.33	5.12	2.02	2.21-	1.57	2.26-	1.74	4.96	1.72	2.14-	1.29	3.52	.80	.19-	2.62	1.59-	.60	.26			-	
CHICAGO NB CITY NO 2 R																											
ELGIN	.86-	1.04	.44-	1.08	3.76	1.18	5.85	2.66	2.19-	1.72	2.89-	1.48	5.89	2.52	1.85-	1.53	4.04	1.02	.12-	2.58	3.50	1.23	1.49-	.42	32.88-	1.26	
JOLIET BRANCON RO DAM	.76		.93		2.87		5.46		2.05		3.85		3.87		2.33		2.23		.16		1.91		1.53			27.95	
JOLIET	.90		.52		3.66		5.82		2.20		3.97		4.09		2.58		2.42		.16		2.03		1.31			29.66	
LA SALLE 1 S	.75		.52		1.95		3.70		1.52		2.60		3.81		.89		3.73		.04		1.93		1.31			21.55	
MARENGO	1.22		.50		4.87		6.70		2.80		4.07		4.93		2.59		3.64		.15		5.34		.97			34.73	
MARSEILLES LOCK	.80		.84		3.55		5.23		.98		3.01		5.73		1.20		3.16		.01		1.73		2.18			28.82	
MORRIS	.66		.83		2.64		5.27		1.57		4.42		2.99		1.72		3.16		.10		2.12		1.33			26.51	
MORRIS 5 N	.88-	.64	.38-	1.02	2.59	.31	5.65	2.10	1.66-	2.05	3.58	2.09	3.57	.55	1.42-	1.34	2.71-	.09	.05-	2.45	1.83-	.19	1.52-	.12	28.14-	2.85	
NEWARK 8 E			.62		2.97		5.82		1.53		2.50		4.16		3.10		2.36		.02		1.81		1.56			27.32	
OTTAWA	1.17-	.63	.56-	1.01	3.59	1.01	5.20	1.47	1.00-	2.74	4.12	.16	4.65	1.08	1.23-	2.30	3.42	.41	.01-	2.41	1.93-	.01	1.31-	.53	28.19-	5.50	
RARK FOREST	.85		.41		1.98		6.46		.93		3.69		2.73		2.77		4.58		.25		1.38		1.24			27.27	
REOTONE	1.35		.55		2.29		5.84		1.38		3.67		3.98		2.83		3.31		.19		1.88		1.81			29.08	
PERU SEWAGE PLANT	1.03-	.78	.65-	.92	3.25	.65	5.18	1.62	.50-	3.33	3.36-	.33	4.04	.65	.91-	2.32	3.57	.57	.06-	2.44	2.11	.23	1.63-	.10	26.29-	6.50	
TREATOR 3 N	.88		.52		2.87		6.37		.75		2.68		4.05		1.59		3.10		.03		1.96		1.50			26.95	
STYCAMORE	1.24-	.60	.41-	1.04	3.90	1.47	5.13	2.21	3.40-	.69	3.86-	.66	4.68	.91	2.18-	1.64	4.48	1.18	.07-	2.82	4.01	1.76	1.27-	.62	34.63-	.59	
UTICA STARVED ROCK DAM	1.20		.86		3.34		4.71		.97		5.03		4.76		.98		4.27		T	-	2.37		2.37			30.84	
WAUKEGAN 2 NW	1.02-	.94	.56-	.92	3.35	.97	4.53	1.32	2.64-	1.07	3.22-	.66	5.51	2.33	2.43-	.87	3.88	.87	.20-	2.16	4.19	1.82	1.65-	.32	33.18	.37	
WALTON COLLEGE	.91		.50		2.80		5.28		1.83		1.83		2.69		2.03		3.75		.16		2.18		1.70			30.47	
<b>DIVISION</b>	.97-	.89	.56-	1.04	3.37	.78	5.18	1.90	2.12-	1.63	3.50-	.58	4.92	1.53	2.07-	1.31	3.52	.61	.15-	2.50	2.71	.62	1.49-	.39	30.54-	2.90	
<b>WEST</b> 03																											
AVON 5 NE	.42		.49		3.25		6.24		.67																		



# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ILLINOIS  
1964

Table 2--Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	
PEORIA #9 AIRPORT	1.02	+86	-54	-117	3.77	+92	6.92	2.95	1.04	3.23	4.22	3.14	1.59	-195	7.08	-82	1.43	+58	-03	-2.50	3.01	+87	1.12	-82	28.99	+589	
PRINCETONVILLE 1 N	1.09	+46	-26	-120	3.52	1.04	7.75	2.39	1.04	3.73	7.34	3.43	2.87	+52	1.29	-137	2.51	+53	+01	-2.29	3.06	-14	1.01	-76	28.70	+345	
TOULON	1.05		.49		4.51		4.46		.75		6.06		4.47		1.54		1.83		.08		1.80		1.30		10.34		
DIVISION	1.20	+76	.92	.92	3.64	+83	7.55	3.73	.78	3.26	4.71	.29	2.93	+51	2.43	-72	1.07	+12	-09	-2.70	3.10	+77	1.52	+46	31.92	+359	
EAST																											
DANVILLE	2.05	+14	1.13	+98	4.59	1.82	8.25	4.97	1.18	4.15	5.35	.78	4.20	+53	1.57	-155	1.54	-1.70	+35	-2.71	2.77	+16	1.96	+19	33.94	+350	
DANVILLE SEWAGE PLANT	1.82		1.67		3.99		8.20		.28		4.24		4.27		1.91		2.54		.30		1.54		2.20		14.88		
GIRSON CITY 3 E	1.39		.81		3.52		8.14		.29		4.08		3.26		3.08		3.70		.16		2.62		1.43		32.29		
WODESTON	1.40	+70	-72	-136	3.40	+39	7.98	4.38	+65	+339	7.83	3.27	8.13	+31	2.97	+18	2.26	+85	-31	-2.40	2.70	+04	1.42	+56	35.77	+127	
KANKAKEE 3 S	.71	+98	.82	+97	1.96	+49	3.99	+24	.78	3.38	4.01	-07	2.72	+39	1.13	-230	2.85	+34	-28	-2.44	1.10	+99	1.59	+18	21.90	+1161	
MONTICELLO	1.60		1.18		3.96		10.52		.49		4.18		2.40		2.86		7.16		.13		4.07		1.45				
MONTICELLO NO 2	1.71	+02	.72	+95	2.51	+07	4.85	+98	.65	3.11	3.45	.64	3.83	+10	1.44	-163	2.03	+E1	-07	-2.59	.91	+1.16	1.30	+60	23.47	+1034	
PONTIAC	1.43		.74		2.05		3.48		.20		1.40		1.07		.80		E.93		.19		E.277		1.37		16.43		
RANTOUL CHANUTE AFB	1.42	+34	.71	-114	2.93	+18	5.41	1.51	.92	-3.07	4.61	.68	3.55	+25	1.69	-142	1.96	-76	+15	-2.60	3.01	+92	1.47	+27	27.83	+606	
ROBERTS 3 N	1.72		1.46		4.50		6.32		1.05		2.37		2.44		.75		1.32		.34		4.09		1.17		27.53		
SIDELL	1.89	+27	1.74	+35	3.97	+80	9.55	6.01	.58	3.64	5.20	.66	2.41	+108	2.59	+45	2.18	+86	-12	-2.85	3.42	+80	1.79	+29	35.48	+152	
URBANA	1.00	+99	-1.11	-78	4.41	+48	5.84	1.92	.39	4.15	4.57	.66	6.77	+27	1.13	-193	2.77	+04	-2.25	1.59	+74	.98	+96	10.78	+521		
WATSEKA 2 N																											
DIVISION	1.45	+50	.96	+98	3.23	+45	6.17	2.49	.54	3.58	4.55	.32	3.59	+02	1.67	-142	2.07	+75	-21	-2.67	2.28	+12	1.49	+46	28.21	+720	
WEST SOUTHWEST																											
ALTON DAM 26	1.63		1.86		4.07		4.59		2.65		1.80		2.53		3.35		1.30		.66		3.67		1.14		29.25		
BARRY	1.27		.99		4.43		9.54		2.89		2.80		2.17		2.45		2.25		.72		4.35		1.96		35.82		
BEARDSTON	1.46	+16	1.24	+44	4.94	+24	6.57	2.80	1.08	3.01	4.19	+16	1.11	+248	3.10	+15	2.78	+24	+02	-2.69	3.63	+117	1.25	+60	31.50	+342	
BLUFFS	1.46		.85		4.79		6.05		2.39		3.55		1.51		2.03		2.42		+22		3.79		1.23		10.29		
CARLINVILLE	1.17	+100	1.58	+55	4.11	+96	4.63	.71	1.70	2.31	2.21	-72	1.04	-200	2.50	-69	2.38	-64	+29	-2.68	2.05	+00	1.43	+59	25.99	+1153	
EDWARDSVILLE	1.05	+133	2.05	+30	3.38	+26	5.75	1.56	1.89	2.98	2.47	-22	2.12	-172	3.53	+02	1.84	+48	+25	-2.51	3.12	+01	1.80	+36	29.65	+1157	
GRAFTON	1.71	+41	2.04	+16	4.37	+139	5.20	1.61	3.81	-127	3.42	-64	4.86	+154	3.13	+09	1.72	-113	+59	-2.17	4.14	+133	1.26	+77	36.25	+23	
GREENVILLE 1 E	1.39		1.95		3.63		5.56		2.11		2.96		1.30		2.49		1.55		.48		3.10		2.15		28.67		
GRIGGSVILLE	1.21		1.07		4.28		5.75		2.64		3.22		2.86		1.69		3.05		.45		4.66		1.32		32.18		
HARDIN	1.67		1.57		4.58		4.92		3.19		3.05		2.09		1.59		3.38		.36		3.77		1.52		31.29		
HILLSBORO	1.39	+88	1.90	+40	3.60	+43	4.95	1.12	3.17	1.05	3.43	+120	.83	+257	3.23	+23	1.24	+163	+28	-2.81	4.07	+123	2.18	+16	30.27	+783	
JACKSONVILLE	2.01	+23	1.83	+87	4.07	+132	7.81	4.29	2.65	1.61	2.85	-142	1.04	-145	2.56	+47	1.73	-130	+20	-2.74	3.05	+53	.74	+112	30.20	+461	
JERSEYVILLE 2 SW	1.34		1.60		3.48		5.47		2.08		1.91		1.41		2.14		1.81		.72		4.41		1.27		27.24		
MEDORA	1.93		1.32		3.51		4.97		1.72		2.37		2.51		3.18		2.26		.42		3.72		1.69		29.84		
MORRISONVILLE 4 E	1.26	+64	1.70	+32	3.66	+95	4.38	+93	3.11	+60	2.79	-172	1.76	-121	2.34	-126	1.56	-123	-1.18	-2.58	3.33	+78	1.61	+20	27.68	+710	
MOUNT OLIVE 1 E	.98		1.91		3.85		4.87		2.03		2.16		2.10		3.12		1.11		.44		3.75		1.63		28.15		
PANA	1.86	+29	2.26	+00	4.36	+143	4.52	+93	1.90	-2.64	3.00		3.48	+62	2.85	-122	1.41	-1.58	+67	-2.44	4.64	+189	3.31	+18	31.30	+612	
PLEASANT HILL	1.39		1.13		3.90		4.80		3.87		2.14		2.20		2.27		2.73		.25		5.61		1.38		31.67		
ROCKFORD	1.20		.98		3.38		5.70		3.05		3.76		2.45		2.24		2.20		.35		3.76		1.39		10.46		
SPRINGFIELD #B AIRPORT	1.64	+25	1.27	+55	4.00	+112	9.91	6.32	1.82	-2.08	2.26	-219	1.32	-217	2.20	+54	1.24	-169	-1.6	-2.75	4.19	+183	1.01	+88	31.02	+381	
TAYLORVILLE	.92		1.45		3.28		6.25		1.10		3.50		2.13		1.67		1.80		.16		3.38		1.64		27.26		
VIRDEN 1 SSW	1.29		3.67		4.25		5.63		1.56		E.268		.65		2.24		2.19		.09		3.01		1.54		E.28.80		
VIRGINIA	1.12		1.01		4.61		7.82		1.28		3.89		2.83		2.56		1.70		.11		4.65		1.27		32.65		
WHITE HALL 1 E	1.66	+02	.90	+70	3.41	+75	3.82	+39	2.87	1.11	2.01	-238	.59	-236	2.41	-70	2.11	-70	-2.0	-2.86	3.47	+98	1.24	+53	24.98	+932	
DIVISION	1.50	+51	1.69	+45	3.94	+96	5.59	1.91	2.32	1.77	2.46	-204	1.67	-159	2.50	-79	1.82	-105	+31	-2.64	3.77	+115	1.44	+48	29.01	+730	
EAST SOUTHEAST																											
CENTRALIA 2 NE	.79		2.04		6.51		3.51		4.01		4.04		.77		1.74		2.18		E.41		E.2.89		E.2.24		E.31.15		
CHARLESTON	1.95	+45	1.93	+20	5.54	+220	4.95	1.44	.83	3.65	1.88	-273	2.55	+84	1.27	-207	1.54	-163	+30	-2.60	4.88	+174	2.14	+05	29.70	+881	
EFFINGHAM	1.75	+69	1.83	+51	4.10	+62	3.72	+09	1.16	3.13	3.06	-159	2.15	-147	1.67	-163	1.30	-181	+49	-2.60	3.81	+43	2.44	+11	27.44	+1217	
FLORA 2 NW	2.53		1.72		6.65		3.41		3.21		6.78		2.50		3.01		2.11		.42		2.63		2.24		37.04		
GREENUR	2.46		1.65		4.17		4.32		.64		1.41		3.54		1.93		2.95		.25		3.71		2.52		29.72		
HUTSONVILLE 3 RW	3.56		1.42		5.19		4.09		1.80		2.89		2.74		1.76		1.57		.60		2.52		2.06		30.20		

# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ILLINOIS  
1964

Table 2-Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	
SOUTHEAST 09																											
ALBION	2.46		1.75		9.54		4.31		3.62		2.45		2.15		1.80		2.28		.14		2.17		3.89		36.56		
BENTON FOREST SERVICE	1.51	1.89	2.44	.11	8.73	5.04	5.86	1.92	2.66	1.41	2.06	1.52	2.81	.26	2.15	1.65	3.70	.30	.04	2.80	2.71	.57	2.47	.35	37.18	3.30	
BROOKPORT DAM 52	.91	4.02	2.56	1.33	16.52	11.68	3.03	1.20	2.41	1.83	2.76	1.23	4.44	.79	3.01	.29	4.58	1.09	.01	2.70	3.41	.52	4.65	1.16	48.29	1.60	
CARNI 6 NW	2.53	1.31	1.67	1.46	10.63	6.47	3.64	.28	2.82	1.47	1.77	1.75	1.57	1.71	1.13	2.34	2.61	.69	.02	2.70	2.55	.81	3.27	.22	34.21	7.81	
ELIZABETHTOWN	1.18		1.96		16.17		2.73		2.36		2.41		5.34		3.56		4.64		T		2.78		4.59		47.72		
FAIRFIELD RADIO WFIN	2.01		1.88		8.26		5.56		4.10		2.23		2.13		1.75		1.98		.09		2.23		2.92		35.14		
GLENDALE EXP STATION	2.36		2.31		12.10		3.26		2.65		1.77		3.97		2.44		3.65		.00		2.84		3.78		41.13		
GOLCONDA DAM 51	1.66	2.74	2.09	1.48	15.09	10.32	3.20	.82	3.49	.48	1.73	1.94	5.39	1.74	3.32	.05	3.89	.73	T	2.58	2.72	1.03	4.65	1.26	47.23	2.93	
HARRISBURG	2.31	1.63	2.12	.92	13.05	8.72	2.80	1.33	1.74	2.51	1.96	1.73	2.72	.57	2.11	1.43	3.66	.73	.03	2.82	2.41	.91	4.33	1.36	39.24	3.04	
HARRISBURG DISPOSAL PL	1.85		1.67		12.11		2.63		1.16		1.05		2.95		1.52		3.13		T		2.28		3.77		34.12		
MCLEANSBORO	1.69	1.99	2.30	.52	9.11	5.24	4.14	.10	2.86	1.46	2.75	.96	4.71	1.35	2.04	1.58	2.23	1.26	.04	2.87	2.11	1.40	3.50	.50	37.48	4.85	
MT. CARMEL WATERWORKS	2.47		2.57		10.23		5.04		3.06		2.73		2.39		2.41		2.35		.13		2.36		4.01		39.75		
MOUNT VERNON	2.66	.61	2.25	.38	7.34	3.57	4.76	.30	3.39	.97	2.53	1.44	2.85	.61	3.05	.78	3.31	.15	.40	2.69	2.84	.71	2.17	.67	37.55	4.94	
SHANNETOWN NEW TOWN	1.98	2.41	1.71	1.46	13.44	8.65	2.59	1.77	2.44	1.75	1.12	2.73	7.00	3.24	3.30	.52	4.25	1.27	.09	2.63	2.92	.65	3.25	.21	44.09	.58	
WAYNE CITY	1.90		1.81		9.39		6.78		4.49		4.65		2.56		2.56		1.80		.08		2.48		2.55		41.05		
OIVISION	1.96	1.87	2.17	.79	11.28	7.04	4.05	.17	2.94	1.36	2.48	1.38	3.34	.12	2.47	1.08	3.13	.09	.11	2.73	2.54	1.07	3.76	.70	40.23	2.92	

Division averages in the annual issues include delayed and corrected data and may differ slightly from values published in monthly issues.

### CHANGES IN STATION NAME

NEW NAME	FORMER NAME	DATE - 1964
BENTLEY	BENTLEY 1 NW	APRIL 24
CREAL SPRINGS	NEW BURNSIDE	NOVEMBER 21
JERSEYVILLE 2 SW	JERSEYVILLE	MAY 15
LACON 1 E	LACON	MAY 14
LINCOLN LOG CABIN PK	JANESVILLE	SEPTEMBER 15
MARION 4 NNE	MARION 2 W	OCTOBER 24
MONTICELLO NO. 2	MONTICELLO	DECEMBER 1
MOUNT CARMEL WTR WKS	MOUNT CARMEL NO 2	SEPTEMBER 11
NEW SALEM ST PK	PETERSBURG	MARCH 14
OLNEY 2 S	OLNEY	MAY 20
PRAIRIE DU ROCHER 1 WSW	PRAIRIE DU ROCHER	APRIL 30
VIHDEN 1 SSW	VIRDEN	JUNE 24

### RELOCATION AND CHANGES OF EQUIPMENT

ALEXIS WATER WKS	RAIN GAGE MOVED 10 FEET W	NOVEMBER 15
BENTLEY	STANDARD RAIN GAGE MOVED 1 MILE SE	APRIL 24
BLUFFS	STANDARD RAIN GAGE MOVED 200 FEET N	APRIL 22
CISNE	RECORDING RAIN GAGE MOVED 0.4 MILE S	JUNE 26
CREAL SPRINGS	EQUIPMENT MOVED 5 MILES NW	NOVEMBER 21
CREAL SPRINGS	EQUIPMENT MOVED 200 FEET ESE	NOVEMBER 30
E ST LOUIS PARKS COL	TEMPERATURE EQUIPMENT MOVED 100 YARDS NE AND STANDARD RAIN GAGE MOVED 0.25 MILE NE	NOVEMBER 10
EFFINGHAM	EQUIPMENT MOVED 0.5 MILE SSE	SEPTEMBER 14
GALVA	EQUIPMENT MOVED 0.2 MILE NW	NOVEMBER 14
GRIGGSVILLE	EQUIPMENT MOVED 0.5 MILE S	JUNE 20
HAVANA	EQUIPMENT MOVED 400 YARDS WSW	FEBRUARY 28
HILLSBORO	STANDARD RAIN GAGE MOVED 20 FEET N	MARCH 11
JERSEYVILLE 2 SW	EQUIPMENT MOVED 2.5 MILES SW	MAY 15
LACON 1 E	EQUIPMENT MOVED 0.9 MILE E	MAY 14
LINCOLN LOG CABIN PK	EQUIPMENT MOVED 2 MILES E	SEPTEMBER 15
MARION 4 NNE	STANDARD RAIN GAGE MOVED 4.8 MILES NE	OCTOBER 24
MAROA 1 W	RECORDING RAIN GAGE MOVED 80 FEET WNW	SEPTEMBER 18
MOUNT CARMEL WTR WKS	EQUIPMENT MOVED 1 MILE NE	SEPTEMBER 11
MONTICELLO NO.2	EQUIPMENT MOVED 0.5 MILE W	DECEMBER 1
NEW SALEM STATE PARK	STANDARD RAIN GAGE MOVED 2 MILES S	MARCH 14
OLNEY 2 S	EQUIPMENT MOVED 2.6 MILES SSE	MAY 20
PRAIRIE DU ROCHER 1 WSW	STANDARD AND RECORDING RAIN GAGES MOVED 0.75 MILE WSW	APRIL 30
VIHDEN 1 SSW	EQUIPMENT MOVED 2 MILES S	JUNE 24
WINOSOR	EQUIPMENT MOVED 350 YARDS NW	FEBRUARY 27

Table 3

## TEMPERATURE EXTREMES AND FREEZE DATA

ILLINOIS  
1964

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
* * *																													
NORTHWEST 01																													
ALEDO	98	8-2	-8	12-17	3-30	13	3-30	13	4-4	23	4-9	28	4-14	32	10-6	31	10-10	24	10-10	24	11-20	10	11-20	10	233	233	189	184	171
DIKON	97	8-2	-3	12-18	3-30	12	3-30	12	4-4	24	4-9	26	4-15	31	10-6	30	10-10	24	10-10	24	11-20	13	11-20	13	233	233	189	184	174
FREEPFORT	94	8-3	+10	1-1	3-30	7	3-30	7	4-4	22	4-9	26	4-13	29	9-28	30	10-7	28	10-10	20	11-20	10	11-20	13	233	194	189	181	166
FULTON DAM 13	93	7-24	-4	12-17	3-30	14	3-30	14	4-1	23	4-4	23	4-9	29	10-9	32	10-10	28	11-20	17	11-20	17	11-21	4	236	233	233	189	183
GALVA	96	7-24	-3	12-18	3-30	11	3-30	11	4-4	24	4-9	26	4-9	29	10-6	30	10-10	26	11-6	23	11-20	17	11-21	3	236	233	216	184	180
* * *																													
GENESECO	97	7-24	-3	12-17	3-30	13	3-30	13	3-30	13	4-9	27	4-13	32	10-6	31	10-9	23	11-20	17	11-20	17	11-21	3	236	235	233	183	174
HENNEPIN POWER PLANT	96	8-2	-9	1-1	3-30	13	3-30	13	4-9	24	4-9	24	4-13	30	10-6	28	10-6	28	10-10	21	11-20	18	11-21	1	236	233	184	184	174
KEWANEE	96	7-24	-3	12-17	3-30	13	3-30	13	4-1	24	4-8	28	4-9	29	10-9	31	10-10	26	11-20	17	11-20	17	11-21	5	236	233	233	183	183
MOLINE WB AIRPORT	97	7-24	-4	12-27	3-30	13	3-30	13	3-30	13	4-9	27	4-13	31	10-6	31	10-10	24	11-20	14	11-20	12	11-20	12	233	233	194	184	174
MORRISON	96	8-2	-8	12-6	3-30	12	3-30	12	3-31	21	4-15	28	4-13	28	9-28	30	10-6	27	10-10	20	10-10	20	11-20	16	233	194	193	174	166
* * *																													
MOUNT CARROLL	94	7-24	-8	12-6	3-30	10	3-30	10	4-4	23	4-13	28	4-13	28	9-28	31	10-10	20	10-10	20	10-10	20	11-20	13	233	194	189	178	166
PAW PAW	93	8-3	-5	12-18	3-30	11	3-31	18	4-4	22	4-10	28	4-13	32	10-9	32	10-10	22	10-10	22	11-20	12	11-20	12	233	234	189	183	173
ROCHELLE 1 W	93	8-3	+11	1-1	3-30	4	4-1	17	4-9	23	4-15	27	4-13	27	9-28	32	10-6	27	10-10	20	11-20	18	11-20	14	233	192	184	174	166
ROCKFORD WB AIRPORT	93	8-3	+10	1-6	3-30	10	3-31	20	4-4	24	4-15	28	4-13	28	10-6	29	10-9	28	10-10	24	11-19	18	11-20	12	233	233	189	177	174
STOCKTON	96	7-19	-7	12-17	3-30	6	3-30	6	4-4	22	4-8	26	4-8	26	10-6	32	10-9	28	10-10	22	11-20	13	11-20	15	235	233	189	184	181
* * *																													
TISKILWA	99	8-2	-8	1-1	3-30	13	3-30	15	3-30	13	4-9	23	4-13	30	9-28	32	10-10	21	10-10	21	11-20	14	11-20	14	233	233	194	184	166
WALNUT	96	8-2	-4	12-18	3-30	11	3-30	11	4-4	24	4-9	26	4-13	32	10-6	30	10-10	23	10-10	23	11-20	9	11-20	9	233	233	189	184	174
* * *																													
NORTHEAST 02																													
ANTIOCH	98	8-3	-2	12-18	3-30	11	4-4	20	4-4	20	4-9	23	4-25	32	10-6	31	10-10	23	10-10	23	11-20	14	11-20	14	233	230	189	184	164
AURORA COLLEGE	98	7-23	-3	1-1	3-30	8	3-30	8	4-9	23	4-9	23	4-9	23	10-6	27	10-6	27	10-20	23	11-20	14	11-20	14	233	233	194	180	180
BARRINGTON 1 NW	94	8-3	-3	12-18	3-27	10	4-4	20	4-4	24	4-9	24	4-9	24	9-28	28	10-7	23	10-10	28	11-20	18	11-20	11	236	233	189	172	172
CHICAGO O HARE AIRPORT	96	8-3	+13	1-1	3-30	2	4-1	19	4-1	19	4-9	23	4-13	30	9-28	32	10-6	27	10-10	20	11-20	18	11-20	14	233	192	184	174	166
CHICAGO UNIVERSITY	97	6-29	-2	12-18	3-30	13	3-30	13	3-30	13	4-4	24	4-9	32	10-10	32	11-19	26	11-20	13	11-20	13	11-20	13	233	233	233	229	184
CHICAGO WB AIRPORT	98	8-3	2	12-18	3-30	12	3-30	12	3-30	12	4-4	26	4-9	29	10-9	32	10-10	27	11-19	22	11-20	14	11-20	14	233	235	234	189	183
CHICAGO WB CITY	98	8-2	-	12-18	2-27	16	3-30	17	3-30	17	4-4	27	4-9	32	11-19	23	11-19	23	11-19	23	11-20	18	11-21	9	268	233	235	229	224
CHICAGO WB CITY NO 2	-	-	-	12-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JOLIET	98	8-3	-6	1-1	3-30	10	3-30	10	3-30	10	4-4	23	4-8	30	10-7	30	10-10	27	11-20	18	11-20	18	11-21	3	236	235	235	189	182
MARENGO	97	6-29	-3	12-18	4-1	13	4-1	13	4-9	24	4-13	28	4-23	31	9-28	32	10-6	28	10-10	21	11-20	16	11-20	14	233	233	189	174	166
MORRIS 3 N	97	8-2	-11	1-1	3-30	11	3-30	11	4-4	23	4-13	28	4-13	28	10-6	26	10-6	26	10-10	22	10-20	20	11-20	14	233	204	189	174	174
* * *																													
OTTAWA	99	8-2	-3	1-1	-	-	-	-	-	-	4-9	28	4-9	28	10-10	24	10-10	24	10-10	24	11-20	17	11-21	7	-	-	-	184	184
PARK FOREST	98	8-3	-2	1-1	3-30	11	3-30	11	4-4	24	4-9	26	4-13	31	10-6	31	10-10	28	11-19	22	11-20	14	11-20	14	233	235	229	184	174
PERU SEWAGE PLANT	97	8-3	-6	1-1	3-30	16	3-30	16	3-30	16	4-9	26	4-9	26	10-6	30	10-10	23	11-19	22	11-20	11	11-20	11	233	233	234	184	174
SYCAMORE	96	8-2	-3	12-6	3-30	3	3-31	20	4-4	22	4-13	28	4-13	28	10-6	29	10-10	21	10-10	21	11-20	14	11-20	14	233	234	189	178	174
WAUKEGAN 2 WNW	97	8-2	-1	12-18	3-30	13	3-30	13	4-4	24	4-9	27	4-9	27	10-6	32	10-10	24	10-10	24	11-20	13	11-20	13	233	233	189	184	180
* * *																													
WHEATON COLLEGE	97	8-2	-2	1-1	3-31	12	3-31	12	4-8	24	4-9	26	4-9	26	10-6	31	10-10	24	10-10	24	11-20	14	11-20	14	234	234	183	184	180
* * *																													
WEST 03																													
GALESBURG	97	7-24	-3	12-18	3-30	13	3-30	13	3-30	13	4-9	26	4-10	32	10-6	29	10-7	28	10-22	24	11-19	20	11-20	10	233	234	206	181	179
GOLDEN 1 NW	97	8-3	-14	11-30	3-30	14	3-30	14	3-30	14	4-9	27	4-9	27	10-3	32	10-10	23	10-10	23	11-20	20	11-21	8	234	233	194	184	179
LA HARPE	100	7-24	-4	12-18	3-30	14	3-30	14	3-30	14	4-9	23	4-9	23	10-6	30	10-10	28	10-20	24	11-20	19	11-21	6	236	233	204	184	180
MONMOUTH	98	7-24	-3	12-18	3-30	12	3-30	12	3-30	12	4-9	28	4-9	28	10-6	31	10-10	23	10-10	23	11-20	19	11-21	3	236	235	194	184	180
QUINCY	104	8-3	-3	11-30	3-26	12	3-30	17	3-30	17	3-30	17	4-9	29	10-10	28	10-10	28	11-20	19	11-20	19	11-21	9	240	233	233	194	184
QUINCY FAA AIRPORT	100	8-3	-11	11-30	3-30	16	3-30	16	3-30	16	4-9	26	4-9	26	10-6	31	10-10	28	11-19	22	11-20	14	11-20	14	233	233	234	184	180
RUSHVILLE	100	8-3	-8	11-30	3-30	13	3-30	15	3-31	23	4-9	23	4-9	23	10-6	31	10-10	28	11-20	19	11-20	19	11-21	8	236	233	234	184	180
* * *																													
CENTRAL 04																													
BLOOMINGTON NORMAL	99	8-3	1	12-18	3-30	14	3-30	14	3-30	14	4-9	27	4-9	27	10-10	28	10-10	28	11-20	22	11-21	8	11-21	8</					



# TEMPERATURE EXTREMES AND FREEZE DATA

ILLINOIS  
1964

Table 3—Continued

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates					
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below	
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.								
JACKSONVILLE	103	8-3	-3	11-30	3-26	16	3-30	17	3-30	17	4-1	27	4-9	29	10-6	31	10-10	23	10-10	23	11-21	11	11-21	11	240	236	194	192	180	
JERSEYVILLE 2 5W	105	8-3	-3	1-14	3-26	16	3-30	17	3-31	23	4-9	26	4-9	26	10-6	29	10-10	23	10-10	23	11-21	11	11-21	11	240	236	193	184	180	
MORRISONVILLE 4 5E	102	8-3	-3	1-14	2-27	13	3-30	18	3-30	18	4-1	28	4-9	29	10-6	30	10-10	24	10-10	24	11-21	19	11-21	11	268	235	194	192	180	
PANA	101	8-3	0	1-14	2-27	15	3-30	19	3-30	19	4-1	28	4-9	29	10-10	29	10-10	22	11-20	22	11-21	12	11-21	12	268	236	235	233	184	
SPRINGFIELD W8 AIRPORT	103	8-3	-7	1-14	2-27	9	3-30	17	3-30	17	3-31	28	4-9	29	10-6	32	10-10	26	10-10	24	11-20	17	11-21	9	268	235	204	193	180	
VIROEN 1 55W	103	8-3	-4	1-14	2-24	11	3-30	19	3-30	19	4-1	27	4-9	29	10-6	30	10-10	25	10-10	25	11-21	10	11-21	10	271	236	204	192	180	
WHITE HALL 1 E	105	8-3	-8	1-14	3-26	15	3-30	17	3-30	17	4-9	27	4-9	27	10-10	28	10-10	28	11-20	22	11-21	10	11-21	10	240	236	235	184	184	
* * *																														
EAST SOUTHEAST	07																													
CHARLESTON	103	8-3	2	1-14	2-27	16	3-30	18	3-30	18	4-1	26	4-9	30	10-10	29	11-6	28	11-20	23	11-21	11	11-21	11	268	236	235	219	184	
EFFINGHAM	105	8-3	-1	1-14	2-24	12	3-30	19	3-30	19	4-1	28	4-9	29	10-7	32	10-10	28	11-20	23	11-21	12	11-21	12	271	236	235	192	181	
FLORA 2 NW	102	8-3	-8	1-14	2-27	16	3-30	19	3-30	19	4-1	28	4-9	29	10-7	30	10-10	24	10-10	24	11-21	14	11-21	14	268	236	194	192	181	
MARSHALL 1 E	102	8-3	-10	1-14	3-18	16	3-30	18	4-1	24	4-9	28	4-9	28	10-7	26	10-7	26	10-10	24	11-21	12	11-21	12	268	236	192	181	181	
MATTOON	102	8-3	-2	12-18	2-27	15	3-30	18	3-30	18	4-1	27	4-9	30	10-10	26	10-10	26	11-20	17	11-20	17	11-21	11	268	235	235	192	184	
MOEQUA	101	8-3	-10	1-14	3-30	12	3-30	12	3-30	12	4-1	27	4-9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWTON	103	8-3	-4	1-14	2-24	12	3-30	19	3-30	19	4-1	27	4-9	29	10-10	29	10-24	28	11-20	23	11-21	13	11-21	13	271	236	235	206	184	
OLNEY 2 5	100	8-3	-8	1-14	2-27	16	3-30	19	3-30	19	4-9	27	4-9	27	10-7	24	10-7	24	10-7	24	10-21	20	11-21	19	268	209	191	181	181	
PALESTINE	104	8-3	-4	1-14	2-27	16	3-30	19	3-30	19	4-1	26	4-9	30	10-10	25	10-10	25	11-20	23	11-21	14	11-21	14	268	236	235	192	184	
PARIS WATERWORKS	100	8-3	-4	1-14	2-27	12	3-30	17	3-30	17	4-1	25	4-9	30	10-6	32	10-10	25	11-20	21	11-21	11	11-21	11	268	236	235	192	180	
SALEM	103	8-3	-9	1-14	2-27	16	3-30	19	3-30	19	3-30	19	4-1	29	10-6	32	10-20	26	11-20	24	11-21	13	11-21	13	268	236	235	204	188	
TUSCULUM	102	8-3	-3	1-14	3-30	11	3-30	11	3-30	11	4-9	28	4-9	28	10-10	31	10-10	24	10-10	24	11-20	20	11-21	10	276	235	194	184	180	
VAHOLA FAA AIRPORT	106	8-3	-12	1-14	2-24	13	3-30	19	3-30	19	4-9	27	4-9	27	10-6	29	10-9	26	10-10	23	11-20	20	11-21	9	271	235	194	183	180	
WINOSOR	102	8-3	-	-	-	-	3-30	17	3-30	17	4-1	27	4-9	29	10-7	32	10-10	24	10-10	24	11-21	9	11-21	9	-	236	194	192	181	-
* * *																														
SOUTHWEST	08																													
ANNA 1 E	106	8-3	0	1-14	2-24	15	3-30	18	3-30	18	3-30	18	4-9	30	10-10	29	11-20	23	11-20	23	11-21	14	11-21	14	271	236	235	235	184	
BELLEVILLE SCOTT AFB	104	8-3	-5	1-14	2-27	15	3-30	19	3-30	19	3-31	28	4-9	29	10-10	29	10-11	28	11-20	20	11-20	20	11-21	14	268	235	235	194	184	
CAIRO W8 CITY	103	8-4	-8	12-18	1-28	14	2-22	20	3-30	22	3-30	22	3-30	22	11-19	32	11-20	27	11-21	19	11-21	19	11-30	12	307	273	236	235	234	
CARBONDALE SEWAGE PL	105	8-3	-7	1-14	2-27	14	3-30	18	3-30	18	3-30	18	4-9	29	10-6	32	10-10	25	11-20	24	11-21	14	11-21	14	268	236	235	194	180	
CARLYLE	105	8-3	-9	1-14	3-26	14	3-30	20	3-30	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CARLYLE RESERVOIR	104	8-4	0	11-30	2-24	14	3-30	19	3-31	23	4-1	27	4-9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COBORN 2 5	104	8-3	-1	1-14	2-24	14	3-30	17	3-30	17	4-9	28	4-9	28	10-6	28	10-6	28	11-20	23	11-21	12	11-21	12	271	236	235	180	180	
CREAL SPRINGS	105	8-3	-3	1-14	2-27	16	3-30	19	3-30	19	3-30	19	4-9	29	10-10	30	11-20	25	11-21	19	11-21	19	11-22	11	269	236	236	235	184	
OU QUIN 2 5	105	8-3	-	2	2-23	16	3-30	19	3-30	19	3-30	19	4-4	32	10-10	29	11-20	25	11-21	12	11-21	12	11-21	12	272	236	236	235	189	
EAST ST LOUIS PK5 COL	-	-	-	2	1-14	2-23	16	3-30	19	3-30	19	3-30	19	4-4	32	10-10	29	11-20	25	11-21	12	11-21	12	11-21	12	272	236	236	235	189
MAKANDA 1 NW	104	8-3	3	12-18	2-24	16	3-30	17	3-31	24	3-31	24	4-9	30	10-10	27	10-10	27	11-20	21	11-21	13	11-21	13	271	236	234	193	184	
NASHVILLE 3 NW	105	8-3	3	12-18	2-22	16	3-30	20	3-30	20	4-9	28	4-9	28	10-6	30	10-10	23	10-10	23	11-21	14	11-21	14	273	236	194	184	180	
NEW BURNSIDE	105	8-3	2	1-14	2-27	14	3-30	18	3-30	18	4-9	25	4-9	25	10-6	32	10-10	28	11-20	22	-	-	-	-	-	-	-	-	-	
SPARTA	105	8-3	0	1-14	2-22	14	3-30	18	3-30	18	3-30	18	4-9	29	10-10	26	10-10	26	11-21	12	11-21	12	11-21	12	273	236	236	194	184	
WATERLOO 1 W5W	104	8-3	0	12-18	2-24	15	3-30	17	3-30	17	4-9	26	4-9	26	10-10	27	10-10	27	11-21	12	11-21	12	11-21	12	271	236	236	184	184	
* * *																														
SOUTHEAST	09																													
ALBION	104	8-3	0	1-14	2-24	16	3-30	18	3-30	18	4-9	28	4-9	28	10-10	30	11-20	24	11-20	24	11-21	14	11-21	14	271	236	235	225	184	
BROOKPORT OAM 52	102	8-4	-3	1-14	2-27	15	3-30	20	3-30	20	3-30	20	4-9	32	10-10	28	10-10	28	11-21	18	11-21	18	11-22	9	269	236	236	194	184	
ELIZABETHTOWN	103	8-3	-2	1-14	3-30	16	3-30	16	3-30	16	4-9	27	4-9	27	10-6	30	10-10	26	11-21	15	11-21	15	11-21	15	269	236	236	184	180	
FAIRFIELD RADIO W8 W1W	103	8-3	-5	1-14	2-27	15	3-30	19	3-30	19	3-31	28	4-9	30	10-6	30	10-10	26	11-20	24	11-21	14	11-21	14	268	236	235	193	180	
HARRISBURG	107	8-3	-9	1-14	2-27	12	3-30	19	3-30	19	3-30	19	4-9	29	10-6	32	10-10	26	11-21	18	11-21	18	11-22	9	269	236	236	194	180	
MCLEANSBORO	105	8-3	-7	1-14	2-24	15	3-30	19	3-30	19	3-31	27	4-9	30	10-10	29	11-20	23	11-20	23	11-21	14	11-21	14	271	236	235	234	184	
MT. CARMEL WATERWORKS	105	8-4	-4	1-14	2-27	16	3-30	20	3-31	24	3-31	24	4-9	29	10-10	28	10-10	28	11-21	15	11-21	15	11-21	15	268	236	235	193	184	
MOUNT VERNON	103	8-3	-4	1-14	2-27	15	3-30	19	3-30	19	3-30	19	4-9	30	10-10	27	10-10	27	11-20	24	11-21	15	11-21	15	268	236	235	194	184	

## TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
NORTHWEST 01														
HENNEPIN POWER PLANT	EVAP	-	-	-	-	8 7.87	8 8.41	8 8.38	7.73	6.01	-	-	-	-
	OEP	-	-	-	-	-	1281	958	1412	1424	-	-	-	-
	WIND	-	-	-	-	1816	1851	1477	1001	1378	1167	1358	-	-
	MAX	-												



# STATION INDEX

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Station	Index No.	Division No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Evap.	Years of record	Month opened	Month closed	Opened or closed during yr.	Refer to tables	Station	Index No.	Division No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Evap.	Years of record	Month opened	Month closed	Opened or closed during yr.	Refer to tables		
ALRION	0055	09	EDWARDS		37 28 25	88 05	530	13	52						1 2 3	MAKANDA 1 NW	5294	8	JACKSON		4 17 18	89 14	48	13	1				1 2 3				
ALEDO	0072	01	MERCER		4 11 30	90 45	720	63	65						1 2 3	MADISON	5374	9	MCHENRY		6 42 15	88 18	828	109	109					1 2 3			
ALEXIS WATERWORKS	0082	03	WARREN		4 41 01	90 34	694								1 2 3	MARIETTA	5316	03	FULTON		1 40 30	90 24	846							1 2 3			
ALTON DAM 26	4 38 59	90 11	ASKE	14	20										1 2 3	MARION A NNE	5342	08	WILLIAMSON		4 37 48	88 54	477	22						1 2 3			
ANNA 1 E	0187	08	UNION		1 42 29	88 06	800	AA	44						1 2 3	MARION 1 W	5340	04	WABASH		1 40 02	88 58	72							1 2 3			
ANTIPOCH	0203	02	LAKE		1 40 14	89 50	880								1 2 3	MARSHALLS LOCK	5372	07	LA SALLE		1 41 22	88 45	486	23						1 2 3			
AUGUSTA 2 W	0330	03	HANCOCK		1 41 45	88 20	744		84	94					1 2 3	MARSHALL 1 E	5340	02	CLARK		7 19 21	87 47	57	3	24					1 2 3			
AURORA COLLEGE	0358	02	KANE		1 40 48	89 00	810								1 2 3	MASON CITY	5413	04	MASON		1 40 12	88 47	525	1							1 2 3		
AVON 5 NE	0356	03	FULTON		1 40 48	90 22	650		14						1 2 3	MATTOON	5430	07	COLES		7 39 28	88 28	718	17							1 2 3		
BARRINGTON 1 NW	0442	02	LAKE		4 42 10	88 09	810		2						1 2 3	MCHENRY LOCK AND DAM	5493	02	MCHENRY		1 42 17	88 14	747								1 2 3		
BARRY	0445	06	PIKE		4 39 41	91 03	640		23						2	MCHENRSRORO	5515	09	HAMILTON		5 38 05	88 42	458	80	82						1 2 3		
BEARSTOWN	2492	06	DEKALB		2 38 32	89 41	AA5	63	23						1 2 3	MEDORA	5539	08	MADISON		1 39 10	90 08	82								1 2 3		
BELEVILLE SCOTT AFR	0510	08	ST CLAIR		6 42 16	88 52	753		AI	AI					1 2 3	MEMPHIS	5712	04	WOODFORD		1 40 34	88 27	755	7							1 2 3		
BEVILVERE SEWAGE PLANT	0583	02	BOONE		2 40 20	91 27	870		13						2	MOLINE WA AIRPORT	5751	08	ROCK ISLAND		6 41 27	90 31	482	1	22						1 2 3		
BENTLEY	0598	03	HANCOCK		4 38 02	88 55	AA5	61							2	MONMOUTH	5768	03	WARREN		4 40 55	90 38	771	71	71						1 2 3		
BENTON FOREST SERVICE	0608	09	FRANKLIN		1 40 30	89 01	775		60						1 2 3	MONTEICELLO NO. 2	5792	05	PIATT		1 40 02	88 34	654								1 2 3		
BLOOMINGTON WATERWORKS	0761	04	MCHENRY		1 39 45	90 32	517		74						1 2 3	MORRIS	5820	02	GRUNDY		1 41 21	88 28	520	11							1 2 3		
BURKINGTON NORMAL	0764	04	MCHENRY		1 39 45	88 39	330		3	38					1 2 3	MORRIS 2 N	5825	02	GRUNDY		1 41 27	88 24	582	52							1 2 3		
BLUFFS	0761	06	SCOTT		1 39 45	88 39	330		3	38					1 2 3	MORRISON	5833	01	WHITESIDE		6 41 45	89 58	63	88	68							1 2 3	
BOOKPORT DAM 52	0993	09	MASSAC		4 37 00	89 10	314	92	93						1 2 3	MORRISONVILLE	5841	06	CHRISTIAN		1 39 25	89 28	63									1 2 3	
CAIRO WA CITY	1166	08	ALEXANDER		4 40 34	90 02	655	24							1 2 3	MORRISONVILLE A SE	5846	6	CHRISTIAN		1 39 25	89 24	635	67	48							1 2	
CANTON	1250	03	FULTON		4 37 49	89 12	380	59	70	14					1 2 3	MOUNT CARROLL	5893	09	WARASH		7 38 25	87 45	474	19	81							1 2 3	
CARBONDALE SEWAGE PL	1260	08	JACKSON		1 39 17	89 52	623	73	46						1 2 3	MOUNT OLIVE 1 E	5917	06	CARROLL		4 42 05	89 45	817	74								1 2 3	
CARLINVILLE	1288	08	CLINTON		2 30 36	89 22	461	26	46						1 2 3	MOUNT OLIVE 2 E	5917	06	MADISON		4 40 04	89 47	685	34								1 2 3	
CARLYLE	1289	09	CLINTON		2 38 29	89 20	461	26	46						1 2 3	MOUNT PULASKI	5927	04	LOGAN		1 40 01	89 17	685	34								1 2 3	
CARLYLE RESERVOIR	1290	09	CLINTON		2 38 29	89 20	461	26	46						1 2 3	MOUNT STERLING	5934	03	BROWN		1 40 19	89 56	665									1 2 3	
CARMI & NW	1296	09	WHITE		2 38 10	88 12	390		41						1 2 3	MOUNT VERNON	5943	9	JEFFERSON		1 40 19	88 55	500	68	69							1 2 3	
CASHTOWN 2 NE	1386	07	WARREN		2 38 33	89 07	456		41						1 2 3	MURPHYSDORO WATERWORKS	5950	07	SHELBY		2 39 38	88 27	615										1 2 3
CHANNAMON DRESSON ISL	1420	02	GRUNDY		1 41 48	89 11	640		23						1 2 3	NASHVILLE 3 NW	6011	08	WASHINGTON		2 38 21	89 05	674	74	77							1 2 3	
CHARLESTON	1436	07	COLES		3 39 29	88 11	710	74	84						1 2 3	NEWARK 8 E	6049	02	DEKALB		2 38 21	89 05	674	74	77							1 2 3	
CHENOA	1475	04	MCHENRY		4 30 44	88 44	710	AA	1A	19					1 2 3	NEW BOSTON DAM 17	6090	01	MERCER		2 41 11	91 03	548	29								1 2	
CHESTER	1491	08	RANDOLPH		4 37 54	89 50	640	73							2	NEW BURNSIDE	6093	08	JOHNSON		5 37 35	88 46	56	69	69							1 2 3	
CHICAGO CALUMET TR WKS	1522	02	COOK		4 31 40	89 36	593								1 2 3	NEW SALEM STATE PARK	6104	04	MERMO		1 39 34	88 41	513	23	41							1 2 3	
CHICAGO LAKEVIEW PWP STA	1537	02	COOK		4 32 00	87 40	592								1 2 3	NEWTOWN	6159	07	JASPER		7 19 09	88 1	513	23	41							1 2 3	
CHICAGO LLOYDA UNIV	1542	02	COOK		4 31 58	87 45	647								1 2 3	OLNEY 2 S	6184	04	MERMO		7 18 42	88 4	474	74	77							1 2 3	
CHICAGO MAYFR PWP STA	1547	02	COOK		4 31 47	87 41	607	36	34						1 2 3	OTAWA	6490	01	DEKALB		6 42 02	89 6	484	74	77							1 2 3	
CHICAGO N R PUMP STA	1549	02	COOK		4 31 59	87 38	594	94	94						1 2 3	PALESTINE	6526	02	LA SALLE		1 41 22	88 4	474	74	77							1 2 3	
CHICAGO O HARE AIRPORT	1550	02	COOK		4 31 42	87 38	659		6	6					1 2 3	PANAMA	6558	07	CRAWFORD		7 39 00	87 37	514	81	81								1 2 3
CHICAGO ROSELAND PWP	1557	02	COOK		4 31 43	87 41	640								1 2 3	PANA	6570	06	CHRISTIAN		2 39 21	89 05	674	74	77							1 2 3	
CHICAGO RACINE PUMP	1557	02	COOK		4 31 43	87 41	640								1 2 3	PARIS SEWAGE PLANT	6570	07	EDGAR		7 39 00	87 37	514	81	81								1 2 3
CHICAGO SAN DIST OFF	1562	02	COOK		4 31 43	87 38	630								1 2 3	PARIS WATERWORKS	6510	07	EDGAR		7 39 00	87 42	730	72								1 2 3	
CHICAGO S FILTER PLANT	1564	02	COOK		4 31 45	87 31	611								1 2 3	PARK FOREST	6616	07	COOK		4 31 30	87 41	710	12	12							1 2 3	
CHGO SPRINGFIELD PWP	1567	02	COOK		4 31 45	87 44	630								1 2 3	PAK PAV	6661	01	LIF		1 41 41	88 50	829	3	11							1 2 3	
CHICAGO UNIVERSITY	1572	02	COOK		4 31 47	87 41	607	36	34						1 2 3	PAYSON	6670	3	ADAMS		4 39 40	89 15	780										1 2 3
CHICAGO WA AIRPORT	1582	02	COOK		4 31 53	87 38	594	94	94						1 2 3	PERIA WA AIRPORT	6711	04	ADAMS		1 40 40	89 41	652	24	24								1 2 3
CHICAGO WA CITY	1582	02	COOK		4 31 53	87 38	594	94	94						1 2 3	PERU	6722	02	WILL		1 41 20	88 24	493	16								1 2 3	
CHICAGO WA CITY NO 2	1582	02	COOK		4 31 53	87 38																											

REFERENCE NOTES

Additional information regarding the climate of Illinois may be obtained by writing to the Weather Bureau State Climatologist, P. O. Box 143 - Station "A", Champaign, Illinois 61824, or to any Weather Bureau Office near you.

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min in Evaporation and Wind table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12SSW, indicate distance in miles and direction from the post office.

DELAYED DATA AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.
- + Also on earlier date (dates) or months.
- \* Amount included in following measurement.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated.
- M One or more days record missing, if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
  - C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.
  - G Soil temperatures published.
- Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual, \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

SEE CHANGES IN STATION NAME AND RELOCATIONS ON PAGE 186.

91° 90° 89° 88°

STATION LEGEND

- ● ↗ Precipitation only
  - ● ↘ Precipitation, storage
  - ● ↖ Precipitation and Temperature
  - ● ↙ Precipitation, Temperature and Evaporation
  - Type of gage ○ Non-recording, ● Recording ↗ Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°  
New Boston Dam 17

# ILLINOIS

STATUTE MILES  
0 10 20 30 40  
90 TH MERIDIAN TIME ZONE

- CHICAGO STATUTE MILES  
0 1 2 3 4 5
- Chicago O'Hare AP
  - Chicago Midway Airport
  - Chicago WB City
  - Chicago University
  - Chicago 3 Filter Plant
  - Chicago 5 Br Pump Sta
  - Chicago 1 Br Pump Sta
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