



LOCAL CLIMATOLOGICAL DATA

Latitude **37° 30' N** Longitude **77° 20' W** Elevation (ground) **162 ft.** Standard time used: **EASTERN**

Date	Temperature (°F)						Weather types shown by code 1-9 on dates of occurrence 1 2 3 4 5 6 7 8 9 Fig Heavy Fog Thunderstorm Sleet Hail Class Duststorm Smoke, haze Snowing, icing OPAM (In.)	Snow, Sleet, or Ice on ground at (In.)	Precipitation (Water equivalent) (In.)	Snow, sleet (In.)	Avg. station pressure (In.) Elev. 164 feet m.s.l.	Wind			Sunshine		Sky cover (Tenths)		Date		
	Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days (Base 65°)						Resultant direction	Resultant speed (m.p.h.)	Average speed (m.p.h.)	Speed (m.p.h.)	Direction	Total (Hours and tenths)	Percent of possible		Sunrise to sunset	Midnight to midnight
1	40	28	34	5	23	31		0	.01	T	30.29	02	4.6	5.3	9	N	1.7	17	9	7	1
2	41	35	48	9	40	17		0	.01	0	29.75	21	7.6	9.8	25	NW	3.5	36	10	9	2
3	50	30	40	1	16	25		0	0	0	29.88	34	16.4	17.4	30	NW	8.7	90	0	0	3
4	52	21	37	2	13	28		0	0	0	30.16	31	6.2	7.2	12	NW	9.7	100	0	0	4
5	59	21	40	1	17	25		8	0	0	30.02	23	5.1	5.8	13	W	8.5	88	4	2	5
6	49	27	38	1	23	27		0	0	0	30.02	01	4.8	5.9	11	N	4.6	88	8	5	6
7	50	24	37	2	23	28		8	0	0	30.15	19	4.9	5.3	13	S	5.0	51	9	7	7
8	66	39	53	14	43	12		0	.06	0	29.93	21	10.6	11.4	17	SW	4.6	47	10	10	8
9	68	38	53	14	47	12	1	0	.11	0	29.88	23	6.7	12.4	25	NE	2.6	27	10	10	9
10	38	32	35	4	32	30	1	0	.46	0	29.94	03	12.3	12.9	18	N	0.0	0	10	10	10
11	42	28	35	4	25	30		T	T	T	30.04	04	6.1	7.6	13	N	7.9	81	5	5	11
12	48	25	37	2	26	28	1	8	0	0	30.06	20	3.5	4.0	9	SW	7.5	77	5	3	12
13	51	27	39	0	30	26	1	0	0	0	29.89	21	5.3	6.2	15	SW	2.3	23	9	7	13
14	42	20	31	8	14	34		0	0	0	30.01	33	6.9	9.8	14	NW	9.4	96	2	1	14
15	31	17	24	15	16	41	1	0	.22	2.2	30.14	04	9.7	10.1	14	NE	2.7	28	10	7	15
16	25	18	22	17	18	43	12	4	.64	6.3	29.86	02	15.6	16.0	26	NE	0.0	0	10	10	16
17	24	3	14	25	6	51	1	8	.07	.7	29.92	01	11.2	13.1	29	NE	8.4	85	2	5	17
18	34	16	23	14	12	40		5	T	T	29.76	25	8.7	10.9	17	NW	7.0	71	4	6	18
19	30	2*	16	23	5	49		8	0	0	30.05	24	5.8	7.5	13	SW	10.0	100	0	0	19
20	50	22	36	3	17	29		6	0	0	29.89	22	10.4	11.1	17	W	8.4	84	9	6	20
21	43	21	32	7	20	33		8	0	0	30.10	16	3.2	5.8	6	S	10.0	100	0	0	21
22	62	28	45	6	29	20		T	0	0	30.02	21	6.9	7.1	11	SW	10.0	100	0	1	22
23	62	39	51	12	42	14	1	0	.02	0	29.89	21	2.9	8.6	16	SW	3.5	35	9	7	23
24	40	34	37	2	35	28	12	0	.43	0	29.60	01	6.7	7.8	17	N	0.0	0	10	10	24
25	53	34	44	5	34	21	12	8	0	0	29.72	30	1.4	6.8	9	W	10.1	100	2	3	25
26	63	35	49	10	41	16	1	8	T	0	29.57	20	11.4	11.9	27	SW	5.1	51	6	3	26
27	55	26	41	2	20	24		0	0	0	29.67	29	11.3	12.5	22	W	10.2	100	0	0	27
28	51	21	36	3	13	29		0	0	0	29.75	22	11.4	11.9	24	SW	10.2	100	0	0	28
29	46	27	37	2	23	28		8	0	0	29.61	06	4.1	7.3	13	NE	4.1	60	9	7	29
30	27	17	22	17	11	43		8	.30	3.2	29.67	04	9.4	10.2	16	NE	0.0	0	10	10	30
31	29	7	18	21	6	47		2	0	0	29.69	35	6.1	8.6	15	N	9.9	96	0	3	31

Sum	Sum	Total					Dep.	Temperature					Total	Total	For the month			Total	%	Sum	Sum			
1441	762	909					94	Number of days					2.51	12.4	29.90	30	1.7	9.3	30	NW	189.6	for	172	155
Avg.	Avg.	Avg.	Dep.	Avg.	Season to date					Max. < 32°	Max. > 90°	Min. < 32°	Min. < 0°	Date: 03			Possible	month	Avg.	Avg.				
46.5	24.6	35.6	3.1	23	2371					27	6	0	24	0	Greatest in 24 hours and dates			Greatest depth on ground of snow, sleet or ice and date						
											Precipitation	Snow, Sleet												
											.74	15-16		8.3 15-16			8 17							

* Extreme for the month.
 T In columns 9, 10, and 11 and in the Hourly Precipitation table indicates an amount too small to measure.
 X Heavy fog - visibility 1/4 mile or less.

HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at												P. M. Hour ending at											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1																								
2	T	T	.01	T																				
3																								
4																								
5																								
6																								
7																								
8	.04	.04	.01	T	.01	.01	T																	
9																								
10	.03	.01	.02	.01	T	T	.02	T	.02	T	T	.04		.03	.06	.12	.08	T	.02	.01	.04	.06	.01	.03
11	T	T																						
12																								
13																								
14																								
15																								
16	.04	.03	.02	.03	.03	.03	.03	.02	.01	.01	.02	.02		.01	.01	.01	.01	.01	.02	.02	.04	.04	.02	.07
17	.01	.01	.01	.01	.01	.01	.01	T																
18																								
19																								
20																								
21																								
22																								
23																								
24	.01	.01	.06	.02	.04	.06	.01	T	T	T	.02	.05		.01	.01	T	T	T	.12	.01	T	T	T	.02
25																								
26																								
27																								
28																								
29																								
30																								
31																								

Data in columns 6, 12, 13, 14, and 15 are obtained from 8 observations per day at 3-hourly intervals. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations; directions are given in tens of degrees from true North. When figures appear in column 17, they indicate directions in tens of degrees from true North (i. e., 09 = East, 27 = West) and the associated speed in column 16 is the fastest observed one-minute wind speed. If / follows direction (Col. 17), speeds are gusts. Corrections, if any, to data in this issue will be published in the annual issue.

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William H. Haggard
 Acting Director of National Weather Records Center

AVERAGES BY HOURS											Resultant wind	
Hour (Local time)	Sky cover (in tenths)	Station press. (in.)	Dry bulb (°F)	Wet bulb (°F)	Rel. hum. %	Dew point (°F)	Wind speed (m.p.h.)	Direction	Speed (m.p.h.)	Direction	Speed (m.p.h.)	
01	4	29.92	32	29	70	22	9.2	32	2.2			
04	4	29.91	30	27	75	22	8.1	32	1.0			
07	6	29.92	30	27	75	22	9.2	32	1.2			
10	5	29.94	36	32	62	23	10.4	29	2.2			
13	5	29.88	43	36	50	24	11.5	28	3.9			
16	5	29.85	44	37	49	24	9.2	27	2.4			
19	5	29.88	36	32	64	24	9.2	32	1.0			
22	4	29.90	33	30	69	23	8.1	32	2.0			

