

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH April YEAR 2023

LATITUDE 42° 13' N LONGITUDE 71° 07' W GROUND ELEVATION 629 FT. STANDARD TIME Eastern

DAY	TEMPERATURE °F			DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°)		PRECIPITATION (in.)		SNOW, ICE PELLETS OR ICE ON GROUND AT 0700E	WIND		SUNSHINE		SKY COVER SUNSHINE TO SUNSET (hours)	WEATHER OCCURRENCES	PEAK GUST (m.p.h.)	DIRECTION OF PEAK GUST	AVG. STATION PRESSURE (in.)	AVG. STATION VAPOR PRESSURE (in.)		
	MAXIMUM	MINIMUM	AVERAGE		HEATING	COOLING	TOTAL (Water Equivalent)	SNOWFALL, ICE PELLETS		AVERAGE SPEED (m.p.h.)	FASTEST MILE	TOTAL (Min.)	PERCENT OF POSSIBLE								
	1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	60	39	50	9	15	0	0.39	0.0	0	12.4	29	SW	145	19		1,2	36	SW	976	11.6	
2	50	30	40	-1	25	0	0.00	0.0	0	15.6	30	NNW	636	83			40	NNW	987	3.3	
3	51	28	40	-2	25	0	0.00	0.0	0	14.5	33	SSW	737	96			41	SSW	996	3.7	
4	62	40	51	9	14	0	0.00	0.0	0	8.9	18	E	594	77			26	ENE	997	8.6	
5	45	37	41	-2	24	0	0.02	0.0	0	11.9	26	ENE	0	0		1,2	33	ENE	1003	7.1	
6	62	37	50	7	15	0	0.02	0.0	0	5.6	18	NW	155	20		1,2	28	NW	997	9.4	
7	58	36	47	3	18	0	0.00	0.0	0	16.0	34	WNW	328	42			45	WNW	1001	3.8	
8	50	29	40	-4	25	0	0.00	0.0	0	9.0	21	NNW	767	98			26	NNW	1007	2.7	
9	54	33	44	0	21	0	0.00	0.0	0	9.2	21	SSW	770	98			25	S	1009	4.1	
10	65	33	49	4	16	0	0.00	0.0	0	9.2	15	W	772	98			18	WNW	1004	5.2	
11	75	45	60	15	5	0	0.00	0.0	0	14.1	29	W	522	66			37	W	992	4.2	
12	73	56	65	19	0	0	0.00	0.0	0	14.6	34	NW	515	65			46	NW	985	6.1	
13	88	52	70	24	0	5	0.00	0.0	0	11.8	19	W	764	96			25	W	986	8.6	
14	88	50	69	22	0	4	0.00	0.0	0	10.1	21	WNW	711	89			24	WNW	989	11.7	
15	68	45	57	10	8	0	T	0.0	0	7.7	16	ENE	401	50		1,2	20	ENE	992	11.5	
16	55	46	51	4	14	0	0.05	0.0	0	7.2	16	ENE	0	0		1,2	21	NE	989	12.1	
17	55	45	50	2	15	0	0.06	0.0	0	7.2	13	NE	0	0		1,2	17	NE	981	11.5	
18	57	45	51	3	14	0	T	0.0	0	13.6	28	W	446	55		1,2	39	WSW	983	7.0	
19	49	37	43	-6	22	0	0.00	0.0	0	13.0	28	WNW	244	30			35	WNW	993	4.9	
20	64	36	50	1	15	0	0.00	0.0	0	8.7	18	NW	693	85			23	NW	998	5.7	
21	55	42	49	-1	16	0	0.00	0.0	0	10.0	18	SE	663	81			22	E	998	7.5	
22	53	42	48	-2	17	0	0.27	0.0	0	10.0	23	ESE	0	0		1,2,3	28	ESE	996	9.2	
23	51	45	48	-2	17	0	0.72	0.0	0	11.2	24	ESE	0	0		1,2	30	SE	990	11.7	
24	58	43	51	0	14	0	T	0.0	0	6.6	17	NW	339	41			21	WNW	993	10.4	
25	61	42	52	1	13	0	0.11	0.0	0	6.8	14	ENE	406	49			18	NNE	997	10.0	
26	55	42	49	-3	16	0	T	0.0	0	7.0	14	ENE	332	40			20	NE	1001	8.6	
27	59	42	51	-1	14	0	0.04	0.0	0	7.3	21	NW	450	54		1,2	26	NW	1000	9.9	
28	62	41	52	0	13	0	0.00	0.0	0	8.5	16	ESE	619	74		1	20	ESE	999	8.6	
29	55	44	50	-3	15	0	0.19	0.0	0	12.9	24	ESE	8	1		1,2	33	ESE	994	9.4	
30	57	46	52	-1	13	0	1.72	0.0	0	14.8	29	SSE	0	0		1,2	37	ESE	980	12.9	
31																					
SUM	1795	1228			439	9	3.59	0.0		315.4			12017								241.0
AVG	59.8	40.9								10.5	FASTEST	DIR.	POSSIBLE	%							8.0
										MISC.	34	WNW, NW	24085	50				46	NW		

TEMPERATURE DATA		WEATHER		SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY	50.4	TOTAL FOR THE MONTH	3.59 IN.	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL	+3.3	DEPARTURE FROM NORMAL	-1.17 IN.	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST	88 ON 13th, 14th	GRTST IN 24 HRS.	1.72 ON 30th	3 = THUNDER											
LOWEST	28 ON 3rd	SNOWFALL, ICE PELLETS		4 = ICE PELLETS											
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	0.0 IN.	11 = HAIL											
MAX 32° OR BELOW	0	GRTST IN 24 HRS.	0.0 ON N/A	6 = GLAZE OR RIME											
MAX 90° OR ABOVE	0	GRTST DEPTH 07E	0 ON N/A	27 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW	3	PRESSURE DATA		1 = REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.540 IN. ON 9-Apr	8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.179 IN. ON 30-Apr	9 = BLOWING SNOW											
TOTAL THIS MONTH	439	MAXIMUM PRECIPITATION		X = TORNADO											
DEPARTURE FROM NORMAL	-101	Dt (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180												
SEASONAL TOTAL	4971	PRECIPITATION (inches)	0.11 0.14 0.17 0.24 0.27 0.32 0.39 0.44 0.51 0.62 0.72 0.77												
DEPARTURE FROM NORMAL	-916	ENDED: DATE	30-Apr 30-Apr 30-Apr 30-Apr 30-Apr 30-Apr 30-Apr 30-Apr 30-Apr 30-Apr 30-Apr 30-Apr												
COOLING DEGREE DAYS (Base 65°)		TIME	2311E 2313E 0120E 2326E 2326E 2326E 2337E 2350E 2329E 2326E 2340E 2338E												
TOTAL THIS MONTH	9	BAROMETRIC PRESSURE		AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL	+6	Hpc. 649 FT. MSL		1AM: 77% 1PM: 53%											
SEASONAL TOTAL	9	Avg Station Pressure:	29.341 in.	7AM: 73% 7PM: 68%											
DEPARTURE FROM NORMAL	+6	Avg Sea Level Pressure:	30.050 in.	Pk. Gust ASOS OUT OF SERVICE											
		CLIMAT	74492 9936 0176 0100 08009 00913 20020 0439	PREV. WIND DIR. ENE 13%											
				STATION INDEX NO: 19-0736-02											