

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH February YEAR 2023

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

DAY	TEMPERATURE °F			DEGREE DAYS (Base 65°)		PRECIPITATION (in.)		SNOW, ICE		WIND		SUNSHINE		SKY COVER SUNRISE TO SUNSET (tenths)	WEATHER OCCURRENCES	PEAK GUST (m.p.h.)	DIRECTION OF PEAK GUST	AVG. STATION PRESSURE (mb)	AVG. STATION VAPOR PRESSURE (mb)		
	MAXIMUM	MINIMUM	AVERAGE	HEATING	COOLING	TOTAL (Water Equivalent)	SNOWFALL, ICE PELLETS	PELLETS OR ICE ON GROUND AT 0700E	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	30	18	24	-2	41	0	T	T	T	6.8	13	WNW	552	92			17	NW	1000	1.7	
2	38	19	29	3	36	0	0.00	0.0	0.0	11.9	20	SW	518	86			25	SW	993	2.3	
3	28	-11	9	-17	56	0	T	T	T	23.5	43	WNW	557	92			56	WNW	988	1.3	
4	14	-14	0	-26	65	0	0.00	0.0	0	14.8	35	NW	473	78			45	NW	1006	0.4	
5	49	14	32	5	33	0	0.00	0.0	0	17.0	32	SW	359	59			38	SW	996	4.3	
6	47	30	39	12	26	0	0.00	0.0	0	10.5	18	NE	25	4			28	NE	993	5.4	
7	31	22	27	0	38	0	0.01	0.1	0	10.4	23	SSW	461	75		1,4,6	29	SSW	1001	2.9	
8	46	31	39	12	26	0	0.00	0.0	0	14.5	24	SSW	413	67			24	SSW	996	5.1	
9	49	33	41	14	24	0	T	0.0	0	10.8	23	SSW	149	24			31	SSE	998	4.7	
10	60	31	46	19	19	0	0.00	0.0	0	18.8	38	WNW	603	97			43	W	983	8.1	
11	43	31	37	10	28	0	0.00	0.0	0	13.5	34	WNW	625	100			41	WNW	998	3.1	
12	48	28	38	10	27	0	0.00	0.0	0	8.8	18	SW	339	54			22	SW	994	3.9	
13	42	33	38	10	27	0	0.00	0.0	0	11.1	20	NE	69	11			28	NE	980	6.1	
14	50	34	42	14	23	0	T	T	0	10.7	24	NW	475	75			30	NW	991	4.3	
15	56	35	46	18	19	0	0.00	0.0	0	18.1	34	SSW	279	44			39	SSW	993	7.9	
16	61	50	56	28	9	0	T	0.0	0	11.3	24	SW	108	17			29	W	990	7.5	
17	56	23	40	11	25	0	0.06	0.1	0	15.6	33	NNW	0	0		1,2,4	44	MMW	980	8.6	
18	39	19	29	0	36	0	0.00	0.0	T	12.4	35	NNW	643	100			41	NW	999	2.2	
19	44	30	37	8	28	0	0.00	0.0	0	13.7	25	S	129	20			32	S	1000	4.9	
20	59	41	50	21	15	0	0.00	0.0	0	12.5	26	W	208	32			35	W	982	7.2	
21	41	31	36	7	29	0	0.22	1.4	1	7.3	20	W	0	0		1,2	26	W	982	6.8	
22	42	30	36	6	29	0	0.23	0.5	0	9.3	26	WNW	242	37		1,2,4,6	33	WNW	995	4.1	
23	32	25	29	-1	36	0	0.91	3.5	1	9.5	18	ENE	0	0		1,2,4,6	29	ENE	991	5.3	
24	33	16	25	-5	40	0	0.01	T	3	14.9	30	NW	290	44		1,2,6	39	NW	997	3.9	
25	19	9	14	-16	51	0	0.02	0.5	2	5.6	12	NNW	0	0		1,2	17	NNW	1004	2.1	
26	35	16	26	-5	39	0	T	T	3	8.1	17	WNW	60	9		1	22	NNE	988	3.9	
27	33	22	28	-3	37	0	0.00	0.0	3	8.4	16	ESE	394	59			22	NNW	991	3.1	
28	34	25	30	-1	35	0	0.40	3.3	4	10.4	25	ESE	0	0		1,2	32	ESE	986	5.9	
29																					
30																					
31																					
SUM	1159	671	-----	-----	897	0	1.86	9.4	-----	340.2	-----	-----	7971	-----	-----	-----	-----	-----	-----	-----	127
AVG	41.4	24.0	-----	-----	-----	-----	-----	-----	-----	12.2	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	-----	4.5
										MISC.	43	WNW	17767	45	-----	-----	56	WNW	-----	-----	-----

TEMPERATURE DATA		WEATHER		SYMBOLS USED IN COLUMN 16												
AVERAGE MONTHLY	32.7	TOTAL FOR THE MONTH	1.86 IN.	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS												
DEPARTURE FROM NORMAL	+4.5	DEPARTURE FROM NORMAL	-2.14 IN.	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS												
HIGHEST	61 ON 16th	GRTST IN 24 HRS.	1.10 ON 22-23rd	3 = THUNDER												
LOWEST	-14 ON 4th	SNOWFALL, ICE PELLETS		4 = ICE PELLETS												
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	9.4 IN.	5 = HAIL												
MAX 32° OR BELOW	6	GRTST IN 24 HRS.	4.0 ON 22-23rd	6 = GLAZE OR RIME												
MAX 90° OR ABOVE	0	GRTST DEPTH 07E	4 ON 28th	7 = BLOWING DUST OR BLOWING SAND												
MIN 32° OR BELOW	22	PRESSURE DATA		8 = SMOKE OR HAZE												
MIN 0° OR BELOW	2	HIGHEST SEA-LEVEL	30.531 IN. ON 25-Feb	9 = BLOWING SNOW												
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.583 IN. ON 13-Feb	X = TORNADO												
TOTAL THIS MONTH	897	MAXIMUM PRECIPITATION		80	100	120	150	180								
DEPARTURE FROM NORMAL	-132	Ot (Minutes)	5 10 15 20 30 45 60													
SEASONAL TOTAL	3720	PRECIPITATION (inches)	0.03 0.04 0.05 0.06 0.08 0.10 0.13 0.17 0.18 0.20 0.21 0.23													
DEPARTURE FROM NORMAL	-712	ENDED: DATE	22-Feb 22-Feb 22-Feb 22-Feb 22-Feb 22-Feb 23-Feb 23-Feb 23-Feb 23-Feb 23-Feb 23-Feb													
COOLING DEGREE DAYS (Base 65°)		TIME	2220E 2225E 2245E 2250E 2310E 2335E 0325E 0355E 0410E 0430E 0440E 0500E													
TOTAL THIS MONTH	0	BAROMETRIC PRESSURE		AVERAGE RELATIVE HUMIDITY												
DEPARTURE FROM NORMAL	0	Hpc. 649 FT. MSL		1AM: 73% 1PM: 56%												
SEASONAL TOTAL	0	Avg Station Pressure: 29.306 in.		7AM: 76% 7PM: 65%												
DEPARTURE FROM NORMAL	0	Avg Sea Level Pressure: 30.029 in.		Pk. Gust ASOS OUT OF SERVICE												
		CLIMAT 74492 9924 0169 0039 04505 00471 13318 0897		PREV. WIND DIR. SW 12%												
				STATION INDEX NO: 19-0736-02												