

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH March 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 (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		AVERAGE SPEED (m.p.h.)	FASTEST MILE	TOTAL (Min.)	PERCENT OF POSSIBLE							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	43	27	35	4	30	0	0.00	0.0	5	8.6	16	NW	425	63		1,2	20	ESE	996	4.5	
2	40	34	37	5	28	0	0.31	0.0	3	11.7	26	NW	0	0		1,2	35	NW	982	6.8	
3	44	29	37	5	28	0	0.01	0.1	2	8.4	23	NW	462	68		1,2,4	33	NW	993	3.2	
4	33	28	31	-1	34	0	0.82	3.3	4	17.7	34	E	0	0			48	E	980	5.7	
5	41	25	33	1	32	0	0.00	0.0	4	11.0	24	NW	240	35			35	NW	993	4.7	
6	46	31	39	6	26	0	0.00	0.0	3	17.3	38	NW	571	83			46	WNW	990	3.5	
7	38	26	32	-1	33	0	T	T	2	15.1	28	NW	387	56			41	NW	984	3.1	
8	44	26	35	2	30	0	T	T	2	14.7	24	NNW	194	28			32	N	992	4.0	
9	48	32	40	7	25	0	0.00	0.0	1	10.4	19	NNW	473	68			28	NW	996	5.3	
10	49	27	38	4	27	0	T	0.0	T	6.9	12	SSE	616	88			18	W	991	4.9	
11	36	29	33	-1	32	0	0.14	T	T	11.3	29	NE	0	0		1,2	32	NE	985	5.2	
12	41	28	35	1	30	0	0.00	0.0	T	9.8	17	NNE	571	81			26	NNE	993	4.3	
13	41	32	37	3	28	0	0.52	0.0	T	10.2	23	E	0	0		1,2	29	E	991	6.7	
14	39	31	35	0	30	0	3.18	6.9	0	21.8	34	NNE	0	0		1,2	51	NNE	971	7.0	
15	39	30	35	0	30	0	0.03	0.3	5	21.5	34	NNW	342	48		1,2	46	NNW	979	4.4	
16	49	29	39	4	26	0	0.00	0.0	2	12.8	22	NW	445	62			30	NW	989	3.9	
17	52	37	45	9	20	0	T	0.0	T	11.4	28	S	36	5			32	S	984	7.0	
18	52	36	44	8	21	0	0.01	0.0	0	10.5	23	WNW	376	52			30	NW	981	5.7	
19	38	26	32	-4	33	0	0.00	0.0	0	18.2	34	W	682	94			47	WNW	989	1.9	
20	51	25	38	1	27	0	0.00	0.0	0	12.6	23	WSW	706	97			32	WSW	999	2.6	
21	58	32	45	8	20	0	0.00	0.0	0	11.9	25	WNW	636	87			33	WNW	1002	3.9	
22	55	38	47	10	18	0	T	0.0	0	11.0	18	SSW	617	84			24	SSW	1003	5.8	
23	59	45	52	14	13	0	0.01	0.0	0	13.0	25	SSW	44	6		1,2	35	SSW	988	11.0	
24	52	36	44	6	21	0	0.00	0.0	0	10.4	21	WNW	311	42			32	WNW	991	5.3	
25	39	33	36	-2	29	0	0.17	T	0	12.4	26	ESE	15	2		1,2,4	35	ESE	993	6.0	
26	57	39	48	9	17	0	T	0.0	0	14.7	28	W	597	80			41	WNW	986	6.3	
27	58	35	47	8	18	0	0.41	0.0	0	6.4	15	ESE	516	69		1,2	18	E	994	5.4	
28	44	35	40	1	25	0	0.24	T	0	5.5	10	WNW	90	12		1,2	17	NW	994	5.6	
29	52	29	41	1	24	0	0.00	0.0	0	9.6	23	SSW	725	96			29	SSW	995	4.4	
30	41	27	34	-6	31	0	T	T	0	16.3	29	WNW	734	97			39	WNW	998	2.0	
31	52	26	39	-2	26	0	0.11	T	0	10.3	23	SSW	426	56		1,2,4	33	SW	999	5.0	
SUM	1431	963			812	0	5.96	10.6		383.4			11237								155.1
AVG	46.2	31.1								12.4	FASTEST	DIR.	POSSIBLE	%							5.0
										MISC.	38	NW	22222	51							51

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 38.7				TOTAL FOR THE MONTH 5.96 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL +3.2				DEPARTURE FROM NORMAL +0.44 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 59 ON 23rd				GRTST IN 24 HRS. 3.46 ON 13-14th				3 = THUNDER											
LOWEST 25 ON 5th, 20th				SNOWFALL, ICE PELLETS				4 = ICE PELLETS											
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 10.6 IN.				13 5 = HAIL											
MAX 32° OR BELOW 0				GRTST IN 24 HRS. 7.2 ON 14-15th				9 6 = GLAZE OR RIME											
MAX 90° OR ABOVE 0				GRTST DEPTH 07E 5 ON 1st, 15th				3 7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 21				PRESSURE DATA				1 REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.437 IN. ON 22-Mar				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.249 IN. ON 14-Mar				9 = BLOWING SNOW											
TOTAL THIS MONTH 812				MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL -103				Dt (Minutes)				5 10 15 20 30 45 60 80 100 120 150 180											
SEASONAL TOTAL 4532				PRECIPITATION (inches)				0.03 0.06 0.09 0.11 0.16 0.21 0.27 0.34 0.41 0.49 0.58 0.68											
DEPARTURE FROM NORMAL -815				ENDED: DATE				2-Mar 14-Mar 14-Mar 14-Mar 14-Mar 14-Mar 14-Mar 14-Mar 14-Mar 14-Mar 14-Mar 14-Mar											
COOLING DEGREE DAYS (Base 65°)				TIME				0600E 0555E 0601E 0602E 0613E 0609E 0645E 0641E 0643E 0700E 0711E 0711E											
TOTAL THIS MONTH 0				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL 0				Hpc. 649 FT. MSL				1AM: 74% 1PM: 55%											
SEASONAL TOTAL 0				Avg Station Pressure: 29.238 in.				7AM: 76% 7PM: 64%											
DEPARTURE FROM NORMAL 0				Avg Sea Level Pressure: 29.955 in.				Pk. Gust ASOS OUT OF SERVICE											
CLIMAT 74492 9901 0114 0037 05009 01514 18721 0812								PREV. WIND DIR. NW 16%											
								STATION INDEX NO: 19-0736-02											