

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH March YEAR 2024

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								
	1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	41	18	30	-1	35	0	0.00	0.0	0	0	10.7	23	NW	649	96		30	NW	1010	2.3	
2	50	32	41	9	24	0	1.16	0.0	0	0	13.1	30	SSE	0	0	1,2	44	SSE	1005	8.5	
3	55	42	49	17	16	0	0.24	0.0	0	0	9.3	21	SSE	130	19	1,2	32	SSE	997	10.2	
4	49	36	43	11	22	0	0.01	0.0	0	0	9.6	16	ENE	116	17	1,2	24	ENE	1006	8.5	
5	42	36	39	7	26	0	0.14	0.0	0	0	7.5	18	E	0	0	1,2	21	E	999	7.8	
6	51	39	45	12	20	0	0.44	0.0	0	0	7.3	20	NE	0	0	1,2	28	NE	993	9.9	
7	42	37	40	7	25	0	1.06	0.0	0	0	17.3	31	NE	0	0	1,2	44	NNE	990	7.7	
8	45	32	39	6	26	0	0.00	0.0	0	0	11.8	21	N	682	98		35	NNE	1002	4.6	
9	40	32	36	3	29	0	0.21	0.0	0	0	11.0	25	E	0	0	1,2	32	E	997	6.4	
10	51	36	44	10	21	0	1.07	0.0	0	0	17.9	31	SSE	245	35	1,2	45	WNW	967	8.3	
11	43	30	37	3	28	0	T	T	0	0	21.7	35	NW	515	73		53	NW	974	3.3	
12	54	33	44	10	21	0	0.00	0.0	0	0	14.6	30	NW	680	96		43	NW	983	3.7	
13	54	33	44	10	21	0	0.00	0.0	0	0	9.4	17	SSE	667	94		26	SSE	990	3.8	
14	58	36	47	12	18	0	0.00	0.0	0	0	7.1	15	S	627	88		23	ENE	993	7.2	
15	44	37	41	6	24	0	0.02	0.0	0	0	7.7	16	E	0	0	1,2	24	N	985	8.0	
16	58	36	47	12	18	0	0.00	0.0	0	0	8.2	20	S	510	71		29	S	985	6.8	
17	59	40	50	14	15	0	0.04	0.0	0	0	15.3	28	NW	390	54	1	38	NW	979	7.0	
18	49	33	41	5	24	0	0.00	0.0	0	0	13.7	30	WNW	558	77		38	W	980	3.8	
19	46	30	38	2	27	0	0.00	0.0	0	0	13.0	33	NW	575	79		44	NW	980	3.2	
20	51	29	40	3	25	0	0.11	T	0	0	13.4	34	WNW	190	26	1	50	WNW	980	6.3	
21	38	24	31	-6	34	0	T	T	0	0	23.2	39	WNW	704	96		53	WNW	990	2.1	
22	40	21	31	-6	34	0	T	T	0	0	8.3	19	WNW	427	58		29	WNW	1002	1.8	
23	44	30	37	-1	28	0	2.49	T	0	0	12.4	31	NNW	0	0	1,2,6	48	NNW	988	6.8	
24	41	23	32	-6	33	0	0.00	0.0	0	0	13.8	26	NW	460	62		38	NNW	1000	2.8	
25	39	31	35	-3	30	0	0.00	0.0	0	0	17.2	29	ENE	343	46		41	ENE	1008	4.4	
26	36	32	34	-5	31	0	0.15	0.0	0	0	15.4	26	NE	0	0	1,2	38	NE	1000	6.4	
27	53	36	45	6	20	0	0.10	0.0	0	0	5.2	15	ENE	38	5	1,2	23	NE	996	8.5	
28	49	42	46	7	19	0	1.72	0.0	0	0	6.2	16	NNW	0	0	1,2	23	NNW	989	10.4	
29	50	34	42	2	23	0	0.53	T	0	0	18.7	32	NW	136	18	1,2	48	NW	977	5.6	
30	55	34	45	5	20	0	0.00	0.0	0	0	16.9	30	WNW	729	96		45	NW	980	4.4	
31	59	39	49	8	16	0	0.00	0.0	0	0	9.6	23	W	595	78		31	WNW	987	4.4	
SUM	1486	1023			753	0	9.49	T			386.5			9966						184.9	
AVG	47.9	33.0									12.5	FASTEST	DIR.	POSSIBLE	%					6.0	
											MISC.	39	NW	22290	45			53	NW, WNW		

TEMPERATURE DATA		WEATHER		SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY	40.5	TOTAL FOR THE MONTH	9.49 IN.	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL	+5.0	DEPARTURE FROM NORMAL	+3.97 IN.	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST	59 ON 17th, 31st	GRTST IN 24 HRS.	2.49 ON 23rd	3 = THUNDER											
LOWEST	18 ON 1st	SNOWFALL, ICE PELLETS		4 = ICE PELLETS											
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	T IN.	5 = HAIL											
MAX 32° OR BELOW	0	GRTST IN 24 HRS.	T ON 11th, 20th,	6 = GLAZE OR RIME											
MAX 90° OR ABOVE	0	GRTST DEPTH 07E	0 ON N/A	6 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW	13	PRESSURE DATA		5 = REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.590 IN. ON 1-Mar	8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.249 IN. ON 10-Mar	9 = BLOWING SNOW											
TOTAL THIS MONTH	753	MAXIMUM PRECIPITATION		X = TORNADO											
DEPARTURE FROM NORMAL	-162	Dt (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180												
SEASONAL TOTAL	4641	PRECIPITATION (inches)	0.07 0.12 0.15 0.18 0.25 0.38 0.48 0.62 0.74 0.89 1.11 1.30												
DEPARTURE FROM NORMAL	-706	ENDED: DATE	2-Mar 2-Mar 2-Mar 2-Mar 23-Mar 23-Mar 23-Mar 23-Mar 23-Mar 23-Mar 23-Mar												
COOLING DEGREE DAYS (Base 65°)		TIME	2337E 2339E 2341E 2344E 1718E 1735E 1734E 1734E 1854E 1851E 1854E 1902E												
TOTAL THIS MONTH	0	BAROMETRIC PRESSURE		AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL	0	Hpc. 649 FT. MSL		1AM: 76% 1PM: 62%											
SEASONAL TOTAL	0	Avg Station Pressure:	29.249 in.	7AM: 81% 7PM: 68%											
DEPARTURE FROM NORMAL	0	Avg Sea Level Pressure:	29.964 in.	Pk. Gust ASOS OUT OF SERVICE											
		CLIMAT 74492 9905 0147 0047 06014 02415 16619 0753		PREV. WIND DIR. WNW 22%											
				STATION INDEX NO: 19-0736-02											