

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH February YEAR 2024

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 PELLETS OR	WIND		SUNSHINE		SKY COVER SUNSHINE TO SUNSET (hours)	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	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	40	30	35	9	30	0	0.00	0.0	T	2	8.0	20	SW	12	2		25	SW	991	5.6	
2	39	31	35	9	30	0	0.03	0.0	T	1	7.0	16	NNW	0	0	1	23	N	988	6.4	
3	35	26	31	5	34	0	0.00	0.0	T	10.6	19	N	338	56		26	N	992	3.3		
4	39	20	30	4	35	0	0.00	0.0	T	10.4	19	NNW	607	100		28	NNW	989	2.6		
5	39	22	31	4	34	0	0.00	0.0	T	10.8	17	NNE	597	98		29	N	989	2.2		
6	35	26	31	4	34	0	0.00	0.0	T	9.1	17	NNE	251	41		26	N	998	3.7		
7	39	26	33	6	32	0	0.00	0.0	T	7.4	12	NE	436	71		21	NE	1001	4.2		
8	44	29	37	10	28	0	0.00	0.0	0	5.6	13	SSE	457	74	1,2	16	S	1002	4.0		
9	47	30	39	12	26	0	0.00	0.0	0	13.7	22	SSW	229	37	1,2	31	SSW	996	6.5		
10	58	35	47	20	18	0	0.02	0.0	0	10.9	16	NW	385	62	1,2	26	NW	985	8.2		
11	45	34	40	13	25	0	0.00	0.0	0	12.0	24	NW	119	19	1	30	NW	987	5.6		
12	47	29	38	10	27	0	0.00	0.0	0	7.1	15	N	470	75		21	N	988	4.9		
13	35	25	30	2	35	0	0.65	4.3	0	12.9	27	NE	0	0	1,2	40	NNE	979	5.3		
14	29	21	25	-3	40	0	0.00	0.0	4	19.3	34	NW	562	89		53	NW	985	3.0		
15	38	18	28	0	37	0	0.03	0.4	4	11.8	25	SW	527	83	1	37	SW	991	2.0		
16	37	26	32	4	33	0	T	T	3	17.1	34	WNW	599	94		50	WNW	983	3.0		
17	33	21	27	-2	38	0	T	T	3	8.2	25	WNW	128	20		36	WNW	983	3.1		
18	35	17	26	-3	39	0	0.00	0.0	3	13.7	29	SW	418	65		39	SW	986	2.3		
19	36	21	29	0	36	0	0.00	0.0	3	11.3	23	WNW	639	99		29	WNW	995	2.3		
20	36	16	26	-3	39	0	0.00	0.0	2	6.6	13	N	648	100		22	N	1007	2.1		
21	39	24	32	3	33	0	0.00	0.0	2	6.8	14	ESE	553	85		23	ESE	1007	3.4		
22	42	24	33	3	32	0	T	0.0	2	8.0	18	SSW	589	90		26	SSW	991	4.4		
23	41	33	37	7	28	0	0.07	0.0	T	6.5	19	SSW	0	0	1,2	25	SSW	976	7.5		
24	37	17	27	-3	38	0	0.00	0.0	0	12.3	18	NNW	217	33	1	28	NW	980	4.2		
25	37	11	24	-6	41	0	0.00	0.0	0	9.0	22	SSW	649	98		26	SSW	995	1.8		
26	54	26	40	9	25	0	0.00	0.0	0	14.2	25	SSW	439	66		31	SW	992	5.6		
27	62	29	46	15	19	0	0.13	0.0	0	13.3	31	S	434	65	1	42	S	994	7.5		
28	54	35	45	14	20	0	0.33	T	0	27.3	47	WNW	0	0	1,2,4	62	WNW	981	12.5		
29	35	22	29	-2	36	0	0.06	0.5	T	22.6	42	WNW	613	91	1,2,4	62	WNW	997	1.9		
30																					
31																					
SUM	1187	724			922	0	1.32	5.2		333.5			10916								129.1
AVG	40.9	25.0								11.5	FASTEST	DIR.	POSSIBLE	%							4.5
										MISC.	47	WNW	18424	59			62	WNW			

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 33.0				TOTAL FOR THE MONTH 1.32 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL +4.8				DEPARTURE FROM NORMAL -2.68 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 62 ON 27th				GRTST IN 24 HRS. 0.65 ON 13th				3 = THUNDER											
LOWEST 11 ON 25th				SNOWFALL, ICE PELLETS				4 = ICE PELLETS											
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 5.2 IN.				5 = HAIL											
MAX 32° OR BELOW 1				GRTST IN 24 HRS. 4.3 ON 13th				6 = GLAZE OR RIME											
MAX 90° OR ABOVE 0				GRTST DEPTH 07E 4 ON 14th, 15th				7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 25				PRESSURE DATA				0 = REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.561 IN. ON 21-Feb				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.436 IN. ON 24-Feb				9 = BLOWING SNOW											
TOTAL THIS MONTH 922				MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL -107				Dt (Minutes)				5 10 15 20 30 45 60 80 100 120 150 180											
SEASONAL TOTAL 3888				PRECIPITATION (inches)				0.02 0.05 0.08 0.10 0.12 0.15 0.17 0.19 0.25 0.30 0.35 0.40											
DEPARTURE FROM NORMAL -544				ENDED: DATE				13-Feb 13-Feb 13-Feb 13-Feb 13-Jan 13-Feb 13-Feb 13-Feb 13-Feb 13-Feb 13-Feb 13-Feb											
COOLING DEGREE DAYS (Base 65°)				TIME				1055E 1105E 1110E 1120E 1130E 1145E 1200E 1200E 1200E 1200E 1200E 1200E											
TOTAL THIS MONTH 0				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL 0				Hpc. 649 FT. MSL				1AM: 80% 1PM: 59%											
SEASONAL TOTAL 0				Avg Station Pressure: 29.247 in.				7AM: 80% 7PM: 65%											
DEPARTURE FROM NORMAL 0				Avg Sea Level Pressure: 29.970 in.				Pk. Gust ASOS OUT OF SERVICE											
				CLIMAT 74492 9904 0149 0006 04505 00341 18224 0922				PREV. WIND DIR. SSW 14%											
								STATION INDEX NO: 19-0736-02											