

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH February YEAR 2025

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 ICE ON GROUND AT 0700E	WIND		SUNSHINE		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	SKY COVER SUNSHINE TO SUNSET (tenths)								
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	32	10	21	-5	44	0	0.07	0.4	T	13.7	23	NNW	0	0	1,2,6	35	NNW	993	3.5	
2	24	5	15	-11	50	0	0.10	1.0	T	7.6	17	NNW	260	43	1	22	SE	1008	2.3	
3	42	24	33	7	32	0	0.05	0.5	2	11.5	24	SSW	321	53	1,2	35	SSW	992	5.5	
4	41	20	31	5	34	0	0.00	0.0	T	16.5	36	NW	542	89		51	NW	989	3.9	
5	27	14	21	-6	44	0	0.00	0.0	T	9.8	23	NW	562	92		32	NW	1003	1.6	
6	32	16	24	-3	41	0	0.22	1.0	T	9.3	18	SE	0	0	1,2,4,6	26	SE	992	4.1	
7	38	22	30	3	35	0	0.00	0.0	T	16.9	34	WNW	542	88		48	WNW	988	4.4	
8	35	19	27	0	38	0	0.09	1.1	T	8.1	18	W	433	70	1	23	W	998	2.7	
9	29	23	26	-1	39	0	0.30	3.0	3	8.0	16	N	6	1	1,2,6	24	N	991	4.2	
10	33	19	26	-1	39	0	0.00	0.0	3	11.3	21	WNW	343	55		26	WNW	1002	2.8	
11	30	14	22	-5	43	0	0.00	0.0	3	9.5	16	W	232	37		23	WSW	1003	2.2	
12	32	24	28	0	37	0	0.04	0.4	3	10.1	20	ESE	6	1	1,2	29	ENE	1003	3.9	
13	38	28	33	5	32	0	0.42	0.7	3	13.9	34	WNW	0	0	1,2,6	52	WNW	989	6.5	
14	32	20	26	-2	39	0	0.00	0.0	2	18.3	33	NW	634	100		50	NW	1004	1.9	
15	28	15	22	-6	43	0	0.29	3.3	2	6.7	16	ESE	108	17	1,2	20	ESE	1005	3.0	
16	35	22	29	1	36	0	1.66	1.6	5	15.5	32	W	0	0	1,2,3,4,6	45	W	972	6.2	
17	28	16	22	-7	43	0	T	T	5	31.0	54	WNW	597	93		70	WNW	977	2.4	
18	25	13	19	-10	46	0	0.00	0.0	5	22.8	38	WNW	645	100		51	WNW	990	1.4	
19	30	12	21	-8	44	0	0.00	0.0	5	13.3	23	WNW	635	98		33	WNW	995	1.7	
20	29	11	20	-9	45	0	T	T	4	7.7	19	NW	46	7		26	NW	988	2.5	
21	33	17	25	-4	40	0	0.00	0.0	4	17.5	27	NW	470	72		38	NW	992	2.0	
22	35	13	24	-6	41	0	0.00	0.0	4	12.4	22	WNW	505	77		30	NW	998	2.0	
23	42	25	34	4	31	0	0.00	0.0	4	11.4	21	WNW	395	60		30	WNW	993	3.4	
24	45	25	35	5	30	0	0.00	0.0	4	11.9	25	SSW	449	68		33	SSW	994	5.3	
25	55	35	45	15	20	0	T	0.0	3	13.5	26	SSW	153	23		31	SSW	985	7.1	
26	51	35	43	12	22	0	0.00	0.0	2	13.2	24	WNW	620	93		31	NW	986	5.3	
27	49	33	41	10	24	0	0.06	0.1	1	13.6	26	WNW	20	3	1	36	WNW	984	7.8	
28	45	33	39	8	26	0	0.00	0.0	0	13.9	30	W	591	88		41	WNW	980	3.9	
29																				
30																				
31																				
SUM	995	563	-----	-----	1038	0	3.30	13.1	-----	368.9	-----	-----	9115	-----	-----	-----	-----	-----	-----	103.5
AVG	35.5	20.1	-----	-----	-----	-----	-----	-----	-----	13.2	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	3.7
										MISC.	54	WNW	17808	51	-----	70	WNW	-----	-----	-----

TEMPERATURE DATA		WEATHER		SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY	27.8	TOTAL FOR THE MONTH	3.30 IN.	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL	-0.4	DEPARTURE FROM NORMAL	-0.70 IN.	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST	55 ON 25th	GRSTST IN 24 HRS.	1.86 ON 15-16th	3 = THUNDER											
LOWEST	5 ON 2nd	SNOWFALL, ICE PELLETS		4 = ICE PELLETS											
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	13.1 IN.	5 = HAIL											
MAX 32° OR BELOW	13	GRSTST IN 24 HRS.	4.9 ON 15-16th	6 = GLAZE OR RIME											
MAX 90° OR ABOVE	0	GRSTST DEPTH 07E	5 ON 16th	7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW	24	PRESSURE DATA		1 = REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.649 IN. ON 2-Feb	8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	28.925 IN. ON 16-Feb	9 = BLOWING SNOW											
TOTAL THIS MONTH	1038	MAXIMUM PRECIPITATION		X = TORNADO											
DEPARTURE FROM NORMAL	+9	Dt (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180												
SEASONAL TOTAL	4181	PRECIPITATION (inches)	0.04 0.06 0.10 0.12 0.15 0.19 0.24 0.30 0.33 0.37 0.48 0.49												
DEPARTURE FROM NORMAL	-251	ENDED: DATE	15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb 15-Feb												
COOLING DEGREE DAYS (Base 65°)		TIME	1250E 1300E 2010E 2012E 2010E 1515E 1545E 1600E 1550E 1540E 1410E 1410E												
TOTAL THIS MONTH	0	BAROMETRIC PRESSURE		AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL	0	Hpc. 649 FT. MSL		1AM: 75% 1PM: 61%											
SEASONAL TOTAL	0	Avg Station Pressure:	29.306 in.	7AM: 80% 7PM: 68%											
DEPARTURE FROM NORMAL	0	Avg Sea Level Pressure:	30.035 in.	Pk. Gust ASOS OUT OF SERVICE											
		CLIMAT	74492 9924 0171 1023 03711 00842 15220 1038	PREV. WIND DIR. WNW 25%											
				STATION INDEX NO: 19-0736-02											