

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH January YEAR 2025

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	47	36	42	13	23	0	0.55	0.0	0	12.9	29	W	0	0		1,2	44	W	974	9.4
2	42	31	37	9	28	0	T	T	0	23.6	40	WNW	534	97			60	W	981	3.7
3	36	26	31	3	34	0	0.00	0.0	0	18.6	33	WNW	446	81			48	W	983	2.9
4	29	22	26	-2	39	0	0.00	0.0	0	16.3	31	WNW	453	82			43	NW	982	2.4
5	32	18	25	-3	40	0	0.00	0.0	0	15.8	27	WNW	88	16			39	WNW	987	2.8
6	23	15	19	-9	46	0	0.00	0.0	0	12.0	22	NNW	0	0			31	NNW	984	2.0
7	24	11	18	-9	47	0	T	T	0	18.8	31	NW	450	81			43	WNW	979	1.9
8	27	14	21	-6	44	0	0.00	0.0	0	22.2	37	WNW	550	99			48	WNW	979	1.9
9	25	13	19	-8	46	0	T	T	0	21.9	33	NW	223	40		1	46	NW	976	2.0
10	40	19	30	3	35	0	0.00	0.0	0	13.8	28	NW	560	100			39	NW	984	2.9
11	30	21	26	-1	39	0	0.12	1.7	T	7.5	16	NW	0	0		1	25	NW	977	4.5
12	36	19	28	1	37	0	0.00	0.0	2	10.3	23	NNW	556	99			35	NNW	989	3.0
13	39	26	33	7	32	0	0.00	0.0	1	8.8	19	WNW	192	34			26	WNW	989	3.7
14	32	20	26	0	39	0	0.00	0.0	T	16.5	32	WNW	537	95			44	WNW	986	2.3
15	29	16	23	-3	42	0	0.00	0.0	T	14.6	27	NW	504	89			37	NW	991	1.9
16	30	13	22	-4	43	0	T	T	T	8.3	15	W	301	53			20	W	989	2.3
17	35	16	26	0	39	0	T	T	T	7.5	15	S	410	72			20	S	992	2.8
18	44	27	36	10	29	0	0.26	0.0	T	16.1	26	S	46	8		1	36	S	990	6.0
19	43	27	35	9	30	0	0.51	4.6	0	9.8	19	NNW	276	48		1,2	26	N	982	6.5
20	27	9	18	-8	47	0	0.08	1.1	6	13.7	23	NW	460	80		1	32	NW	995	2.1
21	18	6	12	-14	53	0	0.00	0.0	5	9.0	16	W	173	30			21	W	1006	1.3
22	21	2	12	-14	53	0	0.00	0.0	4	7.0	14	NNW	545	94			20	NNW	1006	0.8
23	30	12	21	-5	44	0	0.00	0.0	4	10.6	23	SW	413	71			29	SW	999	1.9
24	32	14	23	-3	42	0	0.00	0.0	3	10.3	17	WNW	507	87			21	W	995	2.0
25	29	11	20	-6	45	0	0.00	0.0	3	10.8	20	W	504	86			26	W	999	2.3
26	39	21	30	4	35	0	0.00	0.0	3	16.3	34	WNW	453	77			48	W	993	3.1
27	38	22	30	4	35	0	0.00	0.0	3	16.1	29	SW	590	100			38	SW	985	2.6
28	36	22	29	3	36	0	T	T	3	16.5	47	WNW	504	85			65	WNW	976	2.0
29	47	19	33	7	32	0	0.04	1.0	3	17.3	40	WNW	250	42		1	56	WNW	976	3.3
30	26	16	21	-5	44	0	T	T	2	13.5	25	WNW	585	98			35	WNW	996	1.6
31	40	23	32	6	33	0	0.79	0.0	1	12.8	23	SSW	0	0		1,2,6	31	SSW	987	6.7
SUM	1026	567	-----	-----	1211	0	2.35	8.4	-----	429.2	-----	-----	11110	-----	-----	-----	-----	-----	-----	94.6
AVG	33.1	18.3	-----	-----	-----	-----	-----	-----	-----	13.8	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	3.1
										MISC.	47	WNW	17686	63	-----	-----	65	WNW	-----	-----

TEMPERATURE DATA		WEATHER		SYMBOLS USED IN COLUMN 16															
AVERAGE MONTHLY	25.7	TOTAL FOR THE MONTH	2.35 IN.	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS															
DEPARTURE FROM NORMAL	-0.8	DEPARTURE FROM NORMAL	-2.15 IN.	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS															
HIGHEST	47 ON 1st, 29th	GRTST IN 24 HRS.	0.79 ON 31st	3 = THUNDER															
LOWEST	2 ON 22nd	SNOWFALL, ICE PELLETS		4 = ICE PELLETS															
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	8.4 IN.	7 5 = HAIL															
MAX 32° OR BELOW	17	GRTST IN 24 HRS.	5.7 ON 19th-20th	5 6 = GLAZE OR RIME															
MAX 90° OR ABOVE	0	GRTST DEPTH 07E	6 ON 20th	3 7 = BLOWING DUST OR BLOWING SAND															
MIN 32° OR BELOW	30	PRESSURE DATA		0 REDUCING VISIBILITY TO 1/4 MILE OR LESS															
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.519 IN. ON 21-Jan	8 = SMOKE OR HAZE															
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.308 IN. ON 29-Jan	9 = BLOWING SNOW															
TOTAL THIS MONTH	1211	MAXIMUM PRECIPITATION		X = TORNADO															
DEPARTURE FROM NORMAL	+18	Dt (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180																
SEASONAL TOTAL	3143	PRECIPITATION (inches)	0.04 0.08 0.10 0.14 0.18 0.21 0.23 0.25 0.30 0.33 0.35 0.36																
DEPARTURE FROM NORMAL	-260	ENDED: DATE	1-Jan 1-Jan 1-Jan 1-Jan 1-Jan 1-Jan 1-Jan 1-Jan 1-Jan 1-Jan 1-Jan 1-Jan																
COOLING DEGREE DAYS (Base 65°)		TIME	0243E 0259E 0253E 0300E 0302E 0311E 0323E 0332E 0302E 0323E 0332E 0404E																
TOTAL THIS MONTH	0	BAROMETRIC PRESSURE		AVERAGE RELATIVE HUMIDITY															
DEPARTURE FROM NORMAL	0	Hpc. 649 FT. MSL		1AM: 70% 1PM: 56%															
SEASONAL TOTAL	0	Avg Station Pressure:	29.294 in.	7AM: 75% 7PM: 63%															
DEPARTURE FROM NORMAL	0	Avg Sea Level Pressure:	29.878 in.	Pk. Gust ASOS OUT OF SERVICE															
		CLIMAT	74492 9872 0118 1035 03107 00601 18527 1211	PREV. WIND DIR. WNW 30%															
				STATION INDEX NO: 19-0736-02															