

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH January YEAR 2023

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		SKY COVER SUNRISE 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	SPEED	DIRECTION							
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	53	38	46	17	19	0	0.04	0.0	0	13.9	26	WNW	412	75		1	39	WNW	986	8.2
2	49	33	41	13	24	0	0.00	0.0	0	9.9	26	NW	44	8			39	WNW	996	5.8
3	48	37	43	15	22	0	0.50	0.0	0	8.5	16	SSE	0	0		1,2	23	S	992	7.8
4	43	37	40	12	25	0	0.31	0.0	0	4.9	16	E	0	0		1,2	23	NE	989	8.1
5	43	33	38	10	27	0	0.23	0.0	0	12.1	25	ENE	0	0		1,2	34	ENE	992	7.7
6	35	31	33	5	32	0	0.18	1.0	0	7.3	12	NNE	0	0		1,2,4,6	19	NNE	993	7.3
7	40	30	35	8	30	0	0.00	0.0	1	8.0	15	WNW	105	19		1	22	NW	994	6.0
8	36	20	28	1	37	0	0.00	0.0	0	9.3	18	SW	517	93			26	NNW	1000	3.0
9	42	26	34	7	31	0	T	0.1	T	10.7	18	WNW	267	48		1	27	NW	988	4.8
10	41	25	33	6	32	0	0.00	0.0	0	10.0	14	NW	318	57			28	NW	991	3.9
11	33	18	26	-1	39	0	T	0.1	0	8.3	14	N	358	64			19	N	1001	3.8
12	48	28	38	11	27	0	0.29	0.1	T	12.1	29	S	0	0			45	S	998	7.0
13	55	36	46	20	19	0	0.62	0.0	0	19.6	42	SSW	0	0		1,2	54	SSW	979	12.6
14	36	29	33	7	32	0	0.11	T	0	11.6	23	NNE	0	0		1,2,4,6	30	NNE	985	5.7
15	33	26	30	4	35	0	0.10	1.2	T	17.0	26	NNE	0	0		1,2,6	45	NNE	990	4.5
16	30	26	28	2	37	0	0.22	2.7	1	13.0	22	NNE	0	0		1,2,4,6	36	NNE	984	4.7
17	47	25	36	10	29	0	0.02	0.0	4	10.4	15	WSW	415	73			22	WSW	980	5.4
18	49	35	42	16	23	0	0.01	0.0	T	13.5	25	WNW	314	55			37	WNW	983	6.5
19	38	32	35	9	30	0	0.75	T	0	8.8	22	NNE	0	0		1,4	31	NNE	989	5.9
20	35	29	32	6	33	0	0.56	1.6	0	9.0	37	N	0	0		1,2,4	52	NE	981	6.0
21	31	25	28	2	37	0	0.01	0.2	2	5.8	13	NW	0	0			21	NW	995	4.3
22	35	25	30	4	35	0	0.25	0.2	2	6.2	15	ESE	0	0		1,2,6	21	N	995	6.2
23	34	27	31	5	34	0	1.18	4.1	T	15.0	25	NE	0	0		1,2,4,6	36	NNW	978	6.0
24	35	25	30	4	35	0	0.00	0.0	4	13.5	21	NW	157	27			32	WNW	993	4.5
25	42	27	35	9	30	0	0.45	0.1	2	9.5	27	SSE	12	2		1,2,4,6	40	SSE	998	5.0
26	53	33	43	17	22	0	0.85	T	0	20.6	42	S	29	5		1,2,4	52	S	975	8.7
27	41	25	33	7	32	0	0.00	0.0	0	8.2	21	WNW	577	98			31	WNW	994	4.0
28	48	29	39	13	26	0	0.00	0.0	0	13.8	26	W	390	66			38	W	999	3.8
29	49	36	43	17	22	0	T	0.0	0	12.9	29	S	101	17			33	S	999	6.7
30	50	36	43	17	22	0	0.00	0.0	0	8.2	15	SSW	327	55			18	SW	996	6.7
31	39	21	30	4	35	0	0.11	0.8	T	7.3	16	NW	185	31		1,2,4	28	NW	997	4.0
SUM	1291	903	-----	-----	913	0	6.79	12.2	-----	338.9	-----	-----	4528	-----	-----	-----	-----	-----	-----	185
AVG	41.6	29.1	-----	-----	-----	-----	-----	-----	-----	10.9	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	6.0
										MISC.	42	S	17666	26	-----	-----	54	SSW	-----	-----

TEMPERATURE DATA		WEATHER		SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY	35.4	TOTAL FOR THE MONTH	6.79 IN.	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL	+8.9	DEPARTURE FROM NORMAL	2.29 IN.	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST	55 ON 13th	GRTST IN 24 HRS.	1.32 ON 22-23rd	3 = THUNDER											
LOWEST	18 ON 11th	SNOWFALL, ICE PELLETS		4 = ICE PELLETS											
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	12.2 IN.	5 = HAIL											
MAX 32° OR BELOW	2	GRTST IN 24 HRS.	4.1 ON 23rd	6 = GLAZE OR RIME											
MAX 90° OR ABOVE	0	GRTST DEPTH 07E	4 ON 24th	7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW	21	PRESSURE DATA		8 = SMOKE OR HAZE											
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.357 IN. ON 29-Jan	9 = BLOWING SNOW											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.314 IN. ON 26-Jan	X = TORNADO											
TOTAL THIS MONTH	913	MAXIMUM PRECIPITATION		5	10	15	20	30	45	60	80	100	120	150	180
DEPARTURE FROM NORMAL	-280	Dt (Minutes)		0.16	0.17	0.18	0.19	0.22	0.27	0.29	0.33	0.40	0.45	0.55	0.64
SEASONAL TOTAL	2823	PRECIPITATION (Inches)		3-Jan	3-Jan	3-Jan	3-Jan	13-Jan	13-Jan	26-Jan	26-Jan	26-Jan	26-Jan	26-Jan	26-Jan
DEPARTURE FROM NORMAL	-580	ENDED: DATE		1512E	1515E	1522E	1527E	0433E	0447E	0156E	0210E	0236E	0256E	0156E	0154E
COOLING DEGREE DAYS (Base 65°)		TIME		BAROMETRIC PRESSURE											
TOTAL THIS MONTH	0	BAROMETRIC PRESSURE		Hpc. 649 FT. MSL											
DEPARTURE FROM NORMAL	0	Avg Station Pressure:	29.249 in.	AVERAGE RELATIVE HUMIDITY											
SEASONAL TOTAL	0	Avg Sea Level Pressure:	29.970 in.	1AM: 87% 1PM: 78%											
DEPARTURE FROM NORMAL	0	CLIMAT	74492 9964 0211 0019 06017 01735 07611 0913	7AM: 91% 7PM: 84%											
				Pk. Gust ASOS OUT OF SERVICE											
				PREV. WIND DIR. N 17%											
				STATION INDEX NO: 19-0736-02											