

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH December YEAR 2023

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 (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		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	51	38	45	8	20	0	0.04	0.0	0	12.9	21	SW	213	38		29	SW	996	7.7		
2	48	43	46	9	19	0	T	0.0	0	7.4	15	SW	0	0		1	SSW	993	9.5		
3	44	41	43	7	22	0	0.76	0.0	0	12.7	22	E	0	0		1,2	31	ENE	988	8.9	
4	49	37	43	7	22	0	0.07	0.0	0	6.9	15	W	155	28		1,2	23	W	983	8.0	
5	38	28	33	-3	32	0	T	0.0	0	7.4	16	NW	144	26			23	NNW	991	4.5	
6	34	22	28	-7	37	0	0.01	0.3	T	8.2	12	NNW	100	18			21	N	991	4.2	
7	28	17	23	-12	42	0	0.00	0.0	0	7.7	13	NW	121	22			18	NNW	991	2.5	
8	42	24	33	-2	32	0	0.00	0.0	0	6.8	15	SSE	530	96			20	S	998	4.8	
9	52	33	43	9	22	0	0.00	0.0	0	9.7	16	S	264	48			24	S	999	8.7	
10	60	43	52	18	13	0	0.66	0.0	0	18.5	41	S	33	6		1,2	55	SSW	990	13.5	
11	61	33	47	13	18	0	1.96	0.0	0	19.0	54	SSW	38	7		1,2	69	SSW	982	7.4	
12	42	29	36	2	29	0	0.00	0.0	0	12.6	26	WNW	543	99			33	WNW	1002	3.9	
13	43	28	36	3	29	0	0.00	0.0	0	14.6	25	WNW	470	86			36	WNW	1005	3.8	
14	34	22	28	-5	37	0	0.00	0.0	0	10.8	20	SW	520	95			31	SW	1010	2.4	
15	53	30	42	9	23	0	0.00	0.0	0	13.3	19	WNW	541	99			31	WNW	1000	5.4	
16	50	36	43	11	22	0	0.00	0.0	0	10.5	17	ESE	530	97			21	ESE	1007	6.6	
17	55	37	46	14	19	0	0.47	0.0	0	12.6	26	SE	98	18		1,2	40	SSE	1001	9.5	
18	61	42	52	20	13	0	2.47	0.0	0	29.4	61	SSE	0	0		1,2	90	SSE	971	12.5	
19	46	30	38	6	27	0	0.00	0.0	0	10.5	17	NW	332	61			28	NW	990	5.4	
20	41	26	34	3	31	0	0.00	0.0	0	10.3	19	NNW	540	99			26	NNW	1001	3.3	
21	34	20	27	-4	38	0	0.00	0.0	0	12.0	18	NNW	534	98			29	NNW	1004	2.5	
22	34	16	25	-6	40	0	0.00	0.0	0	5.1	12	NNW	540	99			18	NNW	1007	2.0	
23	42	26	34	3	31	0	0.00	0.0	0	7.4	11	S	414	76			18	SSW	1008	4.1	
24	46	35	41	11	24	0	0.01	0.0	0	6.0	11	SSE	0	0		1	16	SE	1006	8.0	
25	53	41	47	17	18	0	0.01	0.0	0	6.1	11	SSE	409	75		1,2	15	ESE	1007	8.9	
26	52	32	42	12	23	0	0.00	0.0	0	6.0	14	SSW	245	45		1,2	18	SW	1002	8.2	
27	52	39	45	15	20	0	0.02	0.0	0	7.3	14	SW	0	0		1,2	18	SW	995	10.6	
28	44	39	42	13	23	0	0.72	0.0	0	15.4	28	NE	0	0		1,2	40	NE	985	8.9	
29	44	38	41	12	24	0	0.06	0.0	0	5.6	11	N	0	0		1,2	18	N	980	8.6	
30	43	32	38	9	27	0	0.07	0.0	0	8.8	16	WNW	0	0		1,2	24	WNW	978	7.5	
31	39	29	34	5	31	0	0.00	0.0	0	7.0	14	NW	110	20			21	NW	989	4.6	
SUM	1415	986			808	0	7.33	0.3		328.5			7424								206.4
AVG	45.6	31.8								10.6	FASTEST	DIR.	POSSIBLE	%							6.7
										MISC.	61	SSE	17007	44				90	SSE		

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 38.7				TOTAL FOR THE MONTH 7.33 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL +6.2				DEPARTURE FROM NORMAL +1.94 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 61 ON 11th, 18th				GRTST IN 24 HRS. 2.93 ON 17th-18th				3 = THUNDER											
LOWEST 16 ON 22nd				SNOWFALL, ICE PELLETS				4 = ICE PELLETS											
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 0.3 IN.				14 = HAIL											
MAX 32° OR BELOW 1				GRTST IN 24 HRS. 0.3 ON 6th				6 = GLAZE OR RIME											
MAX 90° OR ABOVE 0				GRTST DEPTH 07E T ON 6th				5 = 7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 15				PRESSURE DATA				2 = REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.626 IN. ON 14-Dec				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 28.960 IN. ON 18-Dec				9 = BLOWING SNOW											
TOTAL THIS MONTH 808				MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL -198				Dt (Minutes)				5 10 15 20 30 45 60 80 100 120 150 180											
SEASONAL TOTAL 1895				PRECIPITATION (inches)				0.15 0.25 0.35 0.41 0.46 0.52 0.58 0.73 0.82 0.88 0.97 1.13											
DEPARTURE FROM NORMAL -315				ENDED: DATE				18-Dec 18-Dec 18-Dec 18-Dec 18-Dec 18-Dec 11-Dec 11-Dec 11-Dec 11-Dec 11-Dec 11-Dec											
COOLING DEGREE DAYS (Base 65°)				TIME				1207E 1209E 1214E 1217E 1215E 1217E 0431E 0447E 0506E 0522E 0436E 0457E											
TOTAL THIS MONTH 0				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL 0				Hpc. 649 FT. MSL				1AM: 85% 1PM: 72%											
SEASONAL TOTAL 715				Avg Station Pressure: 29.379 in.				7AM: 88% 7PM: 80%											
DEPARTURE FROM NORMAL +38				Avg Sea Level Pressure: 30.100 in.				Pk. Gust ASOS OUT OF SERVICE											
CLIMAT 74492 9949 0193 0037 06710 01864 12419 0808								PREV. WIND DIR. WNW 13%											
								STATION INDEX NO: 19-0736-02											