

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH October 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 (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							TOTAL (Min.)
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	68	50	59	1	6	0	0.00	0.0	0	8.5	15	N	458	65		1	20	NNE	998	13.7
2	68	55	62	4	3	0	0.00	0.0	0	8.7	16	NE	681	97			24	NE	999	11.9
3	81	54	68	11	0	3	0.00	0.0	0	8.5	14	WSW	672	96			18	WSW	997	15.7
4	81	64	73	16	0	8	0.00	0.0	0	6.9	12	NNE	669	96			17	S	1000	19.7
5	77	59	68	11	0	3	0.00	0.0	0	8.5	17	S	638	92		1	24	S	1001	17.6
6	71	60	66	10	0	1	0.00	0.0	0	6.6	13	SE	269	39		1	20	SE	996	20.1
7	68	54	61	5	4	0	0.16	0.0	0	8.8	19	WNW	7	1		1,2	30	WNW	982	19.0
8	63	48	56	1	9	0	0.00	0.0	0	13.5	22	WNW	651	95		1	30	W	978	9.7
9	61	44	53	-2	12	0	0.00	0.0	0	9.5	15	SW	532	78			25	WSW	985	8.1
10	64	47	56	1	9	0	T	0.0	0	8.1	15	SSW	245	36			23	W	987	9.5
11	68	50	59	5	6	0	0.00	0.0	0	8.3	15	SSW	393	58			23	SSW	988	13.2
12	69	51	60	6	5	0	0.00	0.0	0	4.7	11	NW	479	71			18	NW	989	10.2
13	61	43	52	-2	13	0	0.00	0.0	0	11.6	23	NW	638	95			33	NW	990	8.4
14	60	44	52	-1	13	0	0.00	0.0	0	7.8	16	NW	247	37			24	NW	985	9.7
15	59	44	52	-1	13	0	0.00	0.0	0	9.8	17	NNW	226	34			24	NNW	974	8.8
16	58	44	51	-1	14	0	0.07	0.0	0	6.7	13	WNW	166	25		1	17	WNW	979	11.0
17	60	45	53	1	12	0	T	0.0	0	5.6	11	N	211	32		1	15	N	990	11.5
18	62	49	56	4	9	0	0.00	0.0	0	3.8	10	SSW	79	12			15	SSW	998	11.2
19	65	50	58	7	7	0	0.00	0.0	0	10.9	23	SSW	557	85			31	SSW	997	12.3
20	63	50	57	6	8	0	0.01	0.0	0	11.6	18	SE	0	0		1,2	28	SSE	986	15.1
21	58	52	55	4	10	0	0.76	0.0	0	12.6	30	NW	0	0		1,2	40	NW	967	14.8
22	56	45	51	1	14	0	0.00	0.0	0	15.6	29	WNW	382	59			36	WNW	977	7.8
23	62	42	52	2	13	0	0.01	0.0	0	8.9	16	NNW	386	60			24	NW	995	9.1
24	61	41	51	1	14	0	0.00	0.0	0	8.8	19	SW	424	66			28	SW	1004	9.7
25	75	50	63	14	2	0	0.00	0.0	0	12.1	19	SSW	472	74			26	SSW	1000	12.3
26	79	59	69	20	0	4	0.00	0.0	0	7.8	14	WSW	515	81			20	WSW	999	13.0
27	77	59	68	19	0	3	0.00	0.0	0	9.2	15	WSW	380	60			23	WSW	995	13.5
28	80	57	69	21	0	4	0.00	0.0	0	11.5	22	W	625	99			31	W	992	13.7
29	57	44	51	3	14	0	0.41	0.0	0	8.2	18	E	0	0		1,2	25	E	997	9.0
30	52	41	47	-1	18	0	0.55	0.0	0	7.5	17	NNW	0	0		1,2	25	NNW	986	11.0
31	48	35	42	-5	23	0	0.00	0.0	0	7.5	15	NNW	579	93			25	NNW	995	4.9
SUM	2032	1530			251	26	1.97	0.0		278.1			11581							375.2
AVG	65.5	49.4								9.0	FASTEST	DIR.	POSSIBLE	%						12.1
										MISC.	30	NW	20564	56			40	NW		

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 57.5				TOTAL FOR THE MONTH 1.97 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL +5.0				DEPARTURE FROM NORMAL -3.52 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 81 ON 3rd, 4th				GRTST IN 24 HRS. 0.76 ON 21st				3 = THUNDER											
LOWEST 35 ON 31st				SNOWFALL, ICE PELLETS				4 = ICE PELLETS											
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 0.0 IN.				7 5 = HAIL											
MAX 32° OR BELOW 0				GRTST IN 24 HRS. 0.0 ON N/A				4 6 = GLAZE OR RIME											
MAX 90° OR ABOVE 0				GRTST DEPTH 07E 0 ON N/A				2 7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 0				PRESSURE DATA				0 REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.413 IN. ON 24-Oct				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.090 IN. ON 21-Oct				9 = BLOWING SNOW											
TOTAL THIS MONTH 251				MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL -143				Dt (Minutes)				5 10 15 20 30 45 60 80 100 120 150 180											
SEASONAL TOTAL 350				PRECIPITATION (inches)				0.09 0.12 0.15 0.19 0.26 0.31 0.34 0.37 0.39 0.42 0.46 0.49											
DEPARTURE FROM NORMAL -162				ENDED: DATE				21-Oct 21-Oct 21-Oct 21-Oct 21-Oct 21-Oct 21-Oct 21-Oct 21-Oct 21-Oct 21-Oct 21-Oct											
COOLING DEGREE DAYS (Base 65°)				TIME				1516E 1518E 1526E 1531E 1541E 1545E 1545E 1551E 1545E 1545E 1551E 1613E											
TOTAL THIS MONTH 26				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL +19				Hpc. 649 FT. MSL				1AM: 88% 1PM: 64%											
SEASONAL TOTAL 715				Avg Station Pressure: 29.244 in.				7AM: 85% 7PM: 78%											
DEPARTURE FROM NORMAL +38				Avg Sea Level Pressure: 29.943 in.				Pk. Gust ASOS OUT OF SERVICE											
CLIMAT 74492 9903 0140 0142 12105 00501 19320 0251								PREV. WIND DIR. SW 13%											
								STATION INDEX NO: 19-0736-02											