

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH May 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 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	63	45	54	1	11	0	0.04	0.0	0	17.0	33	SSW	540	64		1	44	SSE	968	11.3
2	57	43	50	-4	15	0	0.22	0.0	0	11.8	26	S	144	17		1,3	33	S	973	10.1
3	55	42	49	-5	16	0	0.01	0.0	0	8.0	18	E	93	11		1	25	E	977	10.1
4	45	40	43	-11	22	0	0.07	0.0	0	9.1	17	NE	9	1		1	29	NE	989	8.3
5	59	43	51	-4	14	0	0.07	0.0	0	6.5	13	S	367	43			18	NE	998	9.3
6	74	43	59	4	6	0	0.00	0.0	0	11.3	17	NW	847	99			25	NW	996	8.1
7	78	52	65	10	0	0	0.01	0.0	0	10.5	21	W	789	92			26	WNW	989	7.3
8	75	49	62	7	3	0	0.03	0.0	0	10.9	25	NW	800	93			32	NW	984	8.3
9	60	45	53	-3	12	0	0.00	0.0	0	8.5	15	ENE	819	95			24	NE	992	6.3
10	72	51	62	6	3	0	0.00	0.0	0	10.8	19	W	830	96			25	WSW	995	6.3
11	81	53	67	11	0	2	T	0.0	0	10.1	24	WNW	729	84			30	W	994	8.3
12	84	57	71	14	0	6	T	0.0	0	11.8	24	WNW	687	79			31	WNW	993	9.4
13	81	58	70	13	0	5	0.00	0.0	0	10.9	23	NW	715	82			28	NNW	993	8.5
14	66	47	57	0	8	0	0.00	0.0	0	10.4	21	NW	822	94			28	NNW	998	5.9
15	72	45	59	2	6	0	0.00	0.0	0	12.0	25	W	675	77			33	W	995	6.5
16	80	55	68	10	0	3	0.00	0.0	0	15.8	28	WSW	500	57			38	SW	980	7.4
17	62	37	50	-8	15	0	0.00	0.0	0	14.0	26	NNW	836	95			36	NNW	986	4.1
18	64	34	49	-9	16	0	0.00	0.0	0	10.7	20	SSW	847	96			26	SSW	1002	5.0
19	68	42	55	-3	10	0	0.00	0.0	0	15.9	26	SSW	751	85			36	SSW	1004	8.9
20	65	51	58	-1	7	0	1.97	0.0	0	14.2	25	S	18	2		1,2	38	S	995	17.4
21	73	55	64	5	1	0	0.09	0.0	0	10.4	22	SSW	533	60		1,2	29	SSW	989	13.6
22	59	46	53	-6	12	0	0.00	0.0	0	11.8	26	ENE	782	88			36	ENE	1000	9.4
23	65	45	55	-4	10	0	0.00	0.0	0	6.6	14	SE	802	90			17	SE	1004	8.6
24	75	44	60	0	5	0	0.04	0.0	0	9.8	24	NNW	697	78		1,2	35	NW	994	11.2
25	67	47	57	-3	8	0	0.00	0.0	0	10.0	17	NW	760	85		1	25	NNW	997	7.7
26	70	44	57	-3	8	0	0.00	0.0	0	8.7	14	E	850	95			20	N	1001	8.3
27	80	48	64	4	1	0	0.00	0.0	0	8.2	18	SSW	870	97			23	SSW	1002	6.4
28	86	56	71	10	0	6	0.00	0.0	0	11.7	18	SSW	845	94			23	SW	994	11.2
29	65	48	57	-4	8	0	0.00	0.0	0	13.7	29	ENE	873	97			43	ENE	997	8.2
30	71	46	59	-2	6	0	0.00	0.0	0	7.7	16	S	875	97		1,2	21	SSW	1001	9.1
31	80	45	63	1	2	0	0.00	0.0	0	8.0	15	SSW	777	86		1,2	20	SSW	999	10.6
SUM	2152	1456			225	22	2.55	0.0		336.8			20482							271.1
AVG	69.4	47.0								10.9	FASTEST	DIR.	POSSIBLE	%						8.7
										MISC.	33	SSW	27167	75				44	SSE	

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 58.2				TOTAL FOR THE MONTH 2.55 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL +0.7				DEPARTURE FROM NORMAL -1.27 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 86 ON 28th				GRTST IN 24 HRS. 2.06 ON 20th-21st				3 = THUNDER											
LOWEST 34 ON 18th				SNOWFALL, ICE PELLETS				4 = ICE PELLETS											
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 0.0 IN.				5 = HAIL											
MAX 32° OR BELOW 0				GRTST IN 24 HRS. 0.0 ON N/A				6 = GLAZE OR RIME											
MAX 90° OR ABOVE 0				GRTST DEPTH 07E 0 ON N/A				7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 0				PRESSURE DATA				1 REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.419 IN. ON 19-May				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.066 IN. ON 1-May				9 = BLOWING SNOW											
TOTAL THIS MONTH 225				MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL -33				Dt (Minutes)				5	10	15	20	30	45	60	80	100	120	150	180
SEASONAL TOTAL 5196				PRECIPITATION (inches)				0.14	0.23	0.32	0.39	0.51	0.65	0.78	0.95	1.08	1.18	1.25	1.25
DEPARTURE FROM NORMAL -949				ENDED: DATE				20-May	20-May	20-May	20-May	20-May	20-May	20-May	20-May	20-May	20-May	21-May	21-May
COOLING DEGREE DAYS (Base 65°)				TIME				2305E	2310E	2313E	2312E	2318E	2329E	2318E	2338E	2340E	2358E	0029E	0029E
TOTAL THIS MONTH 22				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL -3				Hpc. 649 FT. MSL				1AM: 73% 1PM: 43%											
SEASONAL TOTAL 31				Avg Station Pressure: 29.317 in.				7AM: 65% 7PM: 50%											
DEPARTURE FROM NORMAL +3				Avg Sea Level Pressure: 30.020 in.				Pk. Gust ASOS OUT OF SERVICE											
CLIMAT 74492 9928 0166 0146 08707 00652 34120 0225								PREV. WIND DIR. SSW 12%											
								STATION INDEX NO: 19-0736-02											