

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH August 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											
	1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
1	76	58	67	-6	0	2	0.00	0.0	0	0	7.9	12	NW	763	88		24	NW	997	13.0				
2	75	54	65	-8	0	0	0.00	0.0	0	0	7.6	17	SSW	830	96		23	SSW	999	13.0				
3	79	59	69	-4	0	4	0.00	0.0	0	0	12.4	24	SSW	725	84		32	SSW	997	15.3				
4	77	62	70	-3	0	5	T	0.0	0	0	13.0	19	SS2	172	20		29	SSW	991	20.1				
5	83	66	75	2	0	10	0.00	0.0	0	0	6.4	13	W	523	61		18	NW	991	19.3				
6	82	60	71	-2	0	6	0.00	0.0	0	0	7.3	13	SW	839	98		20	W	993	16.2				
7	72	65	69	-4	0	4	0.14	0.0	0	0	12.3	23	SSE	34	4	1	29	SSE	991	21.1				
8	82	68	75	3	0	10	0.47	0.0	0	0	13.9	30	S	187	22	1,2	39	S	980	24.4				
9	82	66	74	2	0	9	0.00	0.0	0	0	14.2	27	NW	756	89		39	WNW	981	18.6				
10	83	64	74	2	0	9	0.02	0.0	0	0	12.4	19	SSW	254	30	1,2	28	SSW	983	21.0				
11	80	63	72	0	0	7	0.07	0.0	0	0	13.4	24	W	810	96	1,2	36	W	984	15.7				
12	84	61	73	1	0	8	0.00	0.0	0	0	8.8	20	SSW	733	87		26	SSW	990	17.5				
13	84	68	76	4	0	11	0.07	0.0	0	0	12.0	19	SSW	629	75	1,2,3	26	SSW	989	20.9				
14	82	63	73	1	0	8	T	0.0	0	0	8.9	18	W	536	64		25	WNW	991	18.0				
15	70	64	67	-5	0	2	0.70	0.0	0	0	8.3	19	E	0	0	1,2	28	NE	988	20.7				
16	68	64	66	-6	0	1	T	0.0	0	0	5.9	13	ESE	0	0	1,2	18	ESE	992	21.1				
17	70	62	66	-6	0	1	T	0.0	0	0	4.6	9	E	116	14		15	E	993	21.1				
18	79	61	70	-1	0	5	1.48	0.0	0	0	9.9	22	W	298	36	1,2,3	32	W	984	20.9				
19	72	57	65	-6	0	0	0.00	0.0	0	0	11.6	21	W	371	45		29	W	990	15.1				
20	81	59	70	-1	0	5	0.00	0.0	0	0	10.8	17	W	764	93		23	W	995	15.6				
21	84	64	74	3	0	9	0.85	0.0	0	0	8.2	19	ENE	384	47		29	NE	993	24.0				
22	75	59	67	-4	0	2	0.00	0.0	0	0	8.4	20	NNE	792	97		29	NNE	996	15.3				
23	76	56	66	-5	0	1	0.00	0.0	0	0	6.9	13	SSE	805	99		20	NNE	997	14.5				
24	78	58	68	-3	0	3	0.02	0.0	0	0	9.3	17	S	568	70	1	24	S	996	16.2				
25	69	58	64	-6	1	0	1.48	0.0	0	0	17.2	26	S	0	0	1,2	35	S	990	21.2				
26	83	68	76	6	0	11	0.00	0.0	0	0	6.8	15	SSW	500	62	1,2	23	SSW	987	23.1				
27	75	61	68	-2	0	3	0.00	0.0	0	0	8.4	14	N	731	91	1	20	NE	992	18.0				
28	73	61	67	-3	0	2	0.00	0.0	0	0	5.0	12	SSE	416	52	1,2	17	SSE	996	19.4				
29	76	61	69	-1	0	4	0.11	0.0	0	0	5.4	11	ENE	96	12	1,2	17	ENE	992	20.8				
30	79	62	71	2	0	6	0.27	0.0	0	0	8.3	21	WNW	215	27	1,2	29	WNW	983	20.9				
31	73	57	65	-4	0	0	0.00	0.0	0	0	10.1	20	NNW	784	99		30	NNW	991	11.7				
SUM	2402	1909			1	148	5.68	0.0			295.6			14631							573.7			
AVG	77.5	61.6									9.5	FASTEST	DIR.	POSSIBLE	%						18.5			
											MISC.	30	S	25763	57						39	S, WNW		

TEMPERATURE DATA		WEATHER		SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY	69.6	TOTAL FOR THE MONTH	5.68 IN.	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL	-1.8	DEPARTURE FROM NORMAL	+1.77 IN.	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST	84 ON 12th, 13th, 21st	GRTST IN 24 HRS.	1.50 ON 24th-25th	3 = THUNDER											
LOWEST	54 ON 2nd	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		2 = REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.236 IN. ON 2-Aug	8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.527 IN. ON 8-Aug	9 = BLOWING SNOW											
TOTAL THIS MONTH	1	MAXIMUM PRECIPITATION		X = TORNADO											
DEPARTURE FROM NORMAL	-10	Dt (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180												
SEASONAL TOTAL	1	PRECIPITATION (inches)	0.42 0.60 0.74 0.83 0.91 0.93 0.94 0.94 0.94 0.94 0.94 0.94												
DEPARTURE FROM NORMAL	-17	ENDED: DATE	18-Aug 18-Aug 18-Aug 18-Aug 18-Aug 18-Aug 18-Aug 18-Aug 18-Aug 18-Aug 18-Aug 18-Aug												
COOLING DEGREE DAYS (Base 65°)		TIME	0842E 0842E 0842E 0843E 0846E 0851E 0901E 0901E 0901E 0901E 0901E 0901E												
TOTAL THIS MONTH	148	BAROMETRIC PRESSURE		AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL	-61	Hpc. 649 FT. MSL		1AM: 87% 1PM: 66%											
SEASONAL TOTAL	570	Avg Station Pressure:	29.252 in.	7AM: 86% 7PM: 76%											
DEPARTURE FROM NORMAL	-26	Avg Sea Level Pressure:	29.943 in.	Pk. Gust ASOS OUT OF SERVICE											
		CLIMAT	74492 9906 0140 0209 18510 01444 24420 0001	PREV. WIND DIR. SSW 14%											
				STATION INDEX NO: 19-0736-02											