

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH July 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	80	61	71	0	0	0	6	0.00	0.0	0	5.9	12	SSE	567	62	1,2,8	17	SSE	995	20.4	
2	74	63	69	-2	0	4	0.34	0.0	0	0	9.4	26	S	27	3	1,2	35	S	990	23.5	
3	79	63	72	-1	0	6	0.40	0.0	0	0	7.0	13	SE	265	29	1,2,3	18	NNW	988	24.2	
4	71	65	68	-4	0	3	0.81	0.0	0	0	5.2	12	NE	0	0	1,2,3	17	NE	991	23.4	
5	88	66	77	5	0	12	0.00	0.0	0	0	5.5	12	SSE	720	79	1,2	17	S	992	25.0	
6	92	69	81	9	0	16	0.00	0.0	0	0	8.2	15	SSW	683	75	1,2	23	SSW	991	25.6	
7	87	70	78	6	0	13	0.00	0.0	0	0	9.3	16	SSW	763	84	1,2	23	SW	990	21.9	
8	84	70	77	5	0	12	0.00	0.0	0	0	5.8	12	W	463	51	1,2	20	W	989	27.3	
9	81	69	75	2	0	10	T	0.0	0	0	6.2	12	ESE	200	22	1,2	17	ESE	989	25.0	
10	71	66	69	-4	0	4	0.68	0.0	0	0	7.9	16	ESE	0	0	1,2	22	ESE	986	24.2	
11	85	62	74	1	0	9	0.00	0.0	0	0	10.2	17	WNW	796	88	1,2	24	WNW	987	20.7	
12	91	70	81	8	0	16	0.00	0.0	0	0	7.6	13	SSW	713	79	1,2	21	WSW	991	23.0	
13	88	67	78	5	0	13	0.13	0.0	0	0	11.2	27	SSW	695	77	1,2,3	35	SSW	991	23.0	
14	78	65	72	-1	0	7	0.18	0.0	0	0	9.0	21	SSW	342	38	1,2,3	29	SSW	991	22.3	
15	86	70	78	5	0	13	T	0.0	0	0	10.6	22	SSW	548	61	1,2,3	28	SSW	992	26.4	
16	76	71	74	1	0	9	2.56	0.0	0	0	15.1	28	S	0	0	1,2,3	40	S	989	27.8	
17	86	71	79	6	0	14	0.00	0.0	0	0	8.0	14	WSW	699	78	1,2	21	WSW	991	27.3	
18	84	70	77	4	0	12	0.00	0.0	0	0	9.8	17	SW	402	45	1,2	28	SSW	992	26.0	
19	83	68	76	3	0	11	0.00	0.0	0	0	7.8	17	W	554	62	1,2	23	W	993	22.3	
20	82	64	73	0	0	8	0.00	0.0	0	0	8.1	13	NE	838	94	1,2	17	NNE	993	18.0	
21	79	62	71	-2	0	6	1.99	0.0	0	0	8.1	28	NW	178	20	1,2,3	30	NW	987	25.9	
22	81	64	73	0	0	8	0.00	0.0	0	0	5.2	9	WSW	656	74	1,2	15	W	986	18.5	
23	85	65	75	2	0	10	0.00	0.0	0	0	6.7	13	WSW	805	91	1,2	21	NW	992	16.8	
24	85	67	76	3	0	11	0.00	0.0	0	0	9.5	16	SSW	706	80	1,2	23	S	996	20.4	
25	85	64	75	2	0	10	1.02	0.0	0	0	9.6	21	NNE	441	50	1,2,3	29	NNE	996	22.7	
26	85	63	74	1	0	9	0.00	0.0	0	0	10.0	17	W	817	93	1,2	23	W	995	20.7	
27	88	68	78	5	0	13	0.43	0.0	0	0	15.5	46	WNW	368	42	1,2,3	61	WNW	992	25.5	
28	88	68	78	5	0	13	0.00	0.0	0	0	8.3	16	SW	840	96	1,2	23	SW	992	25.1	
29	88	62	75	2	0	10	1.04	0.0	0	0	8.3	21	NE	279	32	1,2,3	35	NNE	985	26.9	
30	75	56	66	-7	0	1	0.00	0.0	0	0	8.2	16	N	827	95	1,2	24	N	989	14.0	
31	80	59	70	-3	0	5	0.01	0.0	0	0	8.0	25	WNW	721	83	1,2	35	WNW	992	17.1	
SUM	2565	2038			0	294	9.59	0.0			265.2			15913						710.9	
AVG	82.7	65.7									8.6	FASTEST	DIR.	POSSIBLE	%					22.9	
											MISC.	46	WNW	27749	57			61	WNW		

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16															
AVERAGE MONTHLY 74.2				TOTAL FOR THE MONTH 9.59 IN.				NUMBER OF DAYS -				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL +1.5				DEPARTURE FROM NORMAL +6.12 IN.				CLEAR (Scale 0-3)				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 92 ON 6th				GRTST IN 24 HRS. 2.56 ON 16th				PARTLY CLOUDY (Scale 4-7)				3 = THUNDER											
LOWEST 56 ON 30th				SNOWFALL, ICE PELLETS				CLOUDY (Scale 8-10)				4 = ICE PELLETS											
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 0.0 IN.				WITH 0.01 INCH OR MORE PRECIP.				12 5 = HAIL											
MAX 32° OR BELOW 0				GRTST IN 24 HRS. 0.0 ON N/A				WITH 0.10 INCH OR MORE PRECIP.				11 6 = GLAZE OR RIME											
MAX 90° OR ABOVE 2				GRTST DEPTH 07E 0 ON N/A				WITH 0.50 INCH OR MORE PRECIP.				6 7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 0				PRESSURE DATA				WITH 1.00 INCH OR MORE PRECIP.				4 REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.141 IN. ON 24-Jul								8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.636 IN. ON 29-Jul								9 = BLOWING SNOW											
TOTAL THIS MONTH 0				MAXIMUM PRECIPITATION								X = TORNADO											
DEPARTURE FROM NORMAL -7				Dt (Minutes)				5 10 15 20 30 45 60 80 100 120 150 180															
SEASONAL TOTAL 0				PRECIPITATION (inches)				0.35 0.52 0.64 0.75 1.00 1.26 1.33 1.55 1.73 1.96 1.98 1.99															
DEPARTURE FROM NORMAL -7				ENDED: DATE				25-Jul 21-Jul 21-Jul 21-Jul 21-Jul 21-Jul 21-Jul 21-Jul 21-Jul 21-Jul 21-Jul 21-Jul															
COOLING DEGREE DAYS (Base 65°)				TIME				1601E 2104E 2108E 2110E 2125E 2134E 2127E 2211E 2222E 2221E 2235E 2242E															
TOTAL THIS MONTH 294				BAROMETRIC PRESSURE								AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL +46				Hpc. 649 FT. MSL								1AM: 95% 1PM: 67%											
SEASONAL TOTAL 422				Avg Station Pressure: 29.252 in.								7AM: 91% 7PM: 80%											
DEPARTURE FROM NORMAL +35				Avg Sea Level Pressure: 29.938 in.								Pk. Gust ASOS OUT OF SERVICE											
CLIMAT 74492 9906 0318 0234 22911 02445 26520 0000												PREV. WIND DIR. SSW 23%											
												STATION INDEX NO: 19-0736-02											