

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH June 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	88	56	72	10	0	7	0.00	0.0	0	8.2	17	SW	859	95		21	WSW	995	16.0	
2	91	53	72	10	0	7	0.53	0.0	0	8.6	27	N	634	70	1,2,3	37	ENE	991	19.7	
3	53	43	48	-14	17	0	0.16	0.0	0	15.0	24	ENE	0	0	1,2	36	NE	996	10.6	
4	52	43	48	-15	17	0	0.17	0.0	0	11.3	19	N	9	1	1,2	30	N	992	9.9	
5	58	47	53	-10	12	0	0.08	0.0	0	7.8	15	N	27	3	1,2	22	N	987	13.0	
6	72	50	61	-2	4	0	T	0.0	0	9.3	20	NW	582	64	1,3	31	NNW	979	12.6	
7	65	50	58	-6	7	0	0.00	0.0	0	10.3	19	WNW	301	33		28	NW	978	11.2	
8	64	51	58	-6	7	0	T	0.0	0	4.9	10	WNW	191	21		13	WNW	983	11.9	
9	64	49	57	-7	8	0	0.47	0.0	0	5.4	15	ESE	210	23	1,2,3	20	WNW	984	14.0	
10	67	51	59	-6	6	0	0.05	0.0	0	5.1	20	WNW	365	40	1,2,3	26	WNW	985	15.7	
11	80	55	68	3	0	3	0.00	0.0	0	8.1	16	SSE	823	90		23	S	990	14.8	
12	79	60	70	5	0	5	0.15	0.0	0	11.1	22	SSE	439	48	1,2	32	SSE	988	18.6	
13	78	59	69	3	0	4	0.03	0.0	0	8.1	16	SE	421	46	1,2	26	SE	982	20.3	
14	78	57	68	2	0	3	0.06	0.0	0	9.0	26	S	448	49	1,2,3	38	S	979	18.7	
15	77	56	67	1	0	2	0.00	0.0	0	8.8	16	WNW	559	61	1,2	23	WNW	979	15.3	
16	81	61	71	4	0	6	0.00	0.0	0	7.5	14	WNW	513	56		20	W	983	16.2	
17	64	55	60	-7	5	0	1.86	0.0	0	4.5	13	E	0	0	1,2	21	NE	981	15.3	
18	70	56	63	-4	2	0	0.05	0.0	0	6.5	14	W	321	35	1,2	20	WNW	987	17.0	
19	67	54	61	-7	4	0	0.00	0.0	0	7.3	13	SE	284	31	1	20	SE	997	14.5	
20	71	53	62	-6	3	0	T	0.0	0	7.5	13	ESE	367	40		20	ESE	1002	14.6	
21	69	53	61	-7	4	0	0.00	0.0	0	8.1	13	ENE	826	90	1,2	20	E	1004	13.5	
22	70	58	62	-7	3	0	0.01	0.0	0	8.3	15	NE	789	86	1,2	22	ENE	1000	14.5	
23	80	58	69	0	0	4	0.04	0.0	0	5.8	14	SSW	303	33	1,2	18	SSW	995	20.1	
24	77	66	72	3	0	7	0.12	0.0	0	11.1	21	SW	220	24	1,2	29	SW	989	23.0	
25	85	67	76	6	0	11	0.00	0.0	0	8.2	15	SSW	660	72	1,2,3	21	SSW	987	24.2	
26	82	66	74	4	0	9	T	0.0	0	9.0	17	S	385	42	1,2	23	S	988	25.2	
27	77	65	71	1	0	6	0.38	0.0	0	15.3	28	SSW	275	30	1,2,3	38	SSW	986	21.9	
28	78	66	72	2	0	7	0.25	0.0	0	10.6	19	SSW	238	26	1,2,3	29	SSW	988	22.6	
29	81	64	73	2	0	8	0.02	0.0	0	6.7	14	S	494	54	1,2	18	S	993	20.8	
30	82	63	73	2	0	8	0.00	0.0	0	6.2	11	ESE	649	71	1	18	E	996	20.4	
31																				
SUM	2200	1685			99	97	4.43	0.0		253.6			12192							506.1
AVG	73.3	56.2								8.5	FASTEST	DIR.	POSSIBLE	%						16.9
										MISC.	28	SSW	27409	44			38	S.SSW		

TEMPERATURE DATA		TOTAL FOR THE MONTH		WEATHER		SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY	64.8	TOTAL FOR THE MONTH	4.43 IN.	NUMBER OF DAYS -		1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL	-1.7	DEPARTURE FROM NORMAL	-0.20 IN.	CLEAR (Scale 0-3)		2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST	91 ON 2nd	GRTST IN 24 HRS.	1.91 ON 17th-18th	PARTLY CLOUDY (Scale 4-7)		3 = THUNDER											
LOWEST	43 ON 3rd, 4th	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.	17	5 = HAIL											
MAX 32° OR BELOW	0	GRTST IN 24 HRS.	0.0 ON N/A	WITH 0.10 INCH OR MORE PRECIP.	9	6 = GLAZE OR RIME											
MAX 90° OR ABOVE	1	GRTST DEPTH 07E	0 ON N/A	WITH 0.50 INCH OR MORE PRECIP.	2	7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW	0	PRESSURE DATA		WITH 1.00 INCH OR MORE PRECIP.	1	REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.380 IN. ON 21-Jun			8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.486 IN. ON 15-Jun			9 = BLOWING SNOW											
TOTAL THIS MONTH	99	MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL	+33	Dt (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180														
SEASONAL TOTAL	5295	PRECIPITATION (inches)	0.20 0.30 0.34 0.39 0.50 0.64 0.76 0.87 0.99 1.18 1.39 1.50														
DEPARTURE FROM NORMAL	-915	ENDED: DATE	17-Jun 17-Jun 17-Jun 17-Jun 17-Jun 17-Jun 17-Jun 17-Jun 17-Jun 17-Jun 17-Jun 17-Jun														
COOLING DEGREE DAYS (Base 65°)		TIME	1617E 1619E 1621E 1628E 1639E 1654E 1652E 1705E 1622E 1642E 1707E 1723E														
TOTAL THIS MONTH	97	BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL	-14	Hpc. 649 FT. MSL				1AM: 95% 1PM: 68%											
SEASONAL TOTAL	128	Avg Station Pressure:	29.193 in.			7AM: 88% 7PM: 82%											
DEPARTURE FROM NORMAL	-11	Avg Sea Level Pressure:	29.887 in.			Pk. Gust ASOS OUT OF SERVICE											
		CLIMAT	74492 9886 0121 0182 16917 01134 20316 0099			PREV. WIND DIR. SSW 16%											
						STATION INDEX NO: 19-0736-02											