

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH September 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							WEATHER OCCURRENCES	
	1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	73	52	63	-6	2	0	0.00	0.0	0	0	8.2	16	SW	774	98		23	SSW	1001	10.8	
2	79	56	68	-1	0	3	0.00	0.0	0	0	11.6	20	SW	708	90		25	SSW	997	16.3	
3	85	61	73	5	0	8	T	0.0	0	0	8.2	16	SW	674	86	1	21	SW	991	19.7	
4	85	68	77	9	0	12	0.00	0.0	0	0	6.0	11	NW	719	92		17	NW	989	21.5	
5	86	68	77	9	0	12	0.00	0.0	0	0	6.6	12	NNW	647	83		16	NNE	990	21.9	
6	89	70	80	12	0	15	0.00	0.0	0	0	7.5	14	NNW	722	93		17	WSW	987	25.9	
7	92	72	82	15	0	17	0.00	0.0	0	0	8.2	15	S	726	94		20	SSW	987	26.4	
8	86	70	78	11	0	13	0.00	0.0	0	0	10.0	23	SSW	293	38	1,2,3	30	SSW	993	28.3	
9	86	68	77	10	0	12	0.49	0.0	0	0	8.0	19	S	291	38	1,2,3	30	S	997	25.2	
10	78	67	73	7	0	8	0.25	0.0	0	0	4.7	12	NE	8	1	1,2,3	17	NE	997	24.7	
11	74	67	71	5	0	6	0.64	0.0	0	0	4.5	8	E	23	3	1,2,3	15	E	994	23.0	
12	79	65	72	6	0	7	T	0.0	0	0	4.2	13	ENE	250	33	1,2	18	E	993	23.8	
13	76	64	70	5	0	5	1.92	0.0	0	0	7.9	26	SSW	242	32	1,2,3	35	SSW	992	21.9	
14	75	57	66	1	0	1	0.00	0.0	0	0	8.7	15	N	670	89	1,2	24	NW	993	16.6	
15	66	53	60	-5	5	0	0.00	0.0	0	0	14.1	23	N	465	62	1	36	N	993	11.8	
16	68	54	61	-3	4	0	0.21	0.0	0	0	17.9	30	WNW	22	3		44	WNW	983	11.8	
17	76	53	65	1	0	0	0.00	0.0	0	0	11.3	19	W	685	92		26	WNW	990	13.3	
18	64	60	62	-1	3	0	1.56	0.0	0	0	8.3	24	WNW	0	0	1,2,3	33	WNW	986	19.3	
19	70	56	63	0	2	0	0.00	0.0	0	0	15.1	27	W	665	90	1,2	35	WNW	988	15.1	
20	72	53	63	0	2	0	0.00	0.0	0	0	9.5	17	WNW	714	97		21	WNW	996	14.2	
21	71	52	62	0	3	0	0.00	0.0	0	0	6.6	13	NNW	661	90		17	NNW	1001	12.8	
22	68	54	61	-1	4	0	0.00	0.0	0	0	8.2	15	E	570	78		23	E	1006	14.1	
23	58	54	56	-6	9	0	0.24	0.0	0	0	12.2	18	NE	0	0		30	NE	1001	13.5	
24	60	56	58	-3	7	0	0.73	0.0	0	0	14.1	21	ENE	0	0	1	30	ENE	997	15.9	
25	60	55	58	-3	7	0	0.13	0.0	0	0	15.8	26	ENE	0	0	1	38	ENE	999	15.0	
26	57	47	52	-8	13	0	T	0.0	0	0	12.4	26	ENE	216	30		36	NE	1005	12.6	
27	63	46	55	-5	10	0	0.00	0.0	0	0	9.5	14	NNE	652	91		18	ENE	1004	11.7	
28	65	50	58	-1	7	0	0.00	0.0	0	0	8.9	15	E	520	73		18	E	1003	12.7	
29	57	52	55	-4	10	0	0.46	0.0	0	0	9.9	18	NNE	0	0	1	28	NNE	1001	14.2	
30	58	52	55	-4	10	0	0.14	0.0	0	0	10.7	15	NNE	0	0	1	23	N	999	12.6	
31																					
SUM	2176	1752			98	119	6.77	0.0			288.8			11917							526.6
AVG	72.5	58.4									9.6	FASTEST	DIR.	POSSIBLE	%						17.6
											MISC.	30	WNW	22465	53			44	WNW		

TEMPERATURE DATA		WEATHER		SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY	65.5	TOTAL FOR THE MONTH	6.77 IN.	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL	+1.3	DEPARTURE FROM NORMAL	+2.71 IN.	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST	92 ON 7th	GRSTST IN 24 HRS.	1.92 ON 13th	3 = THUNDER											
LOWEST	46 ON 27th	SNOWFALL, ICE PELLETS		4 = ICE PELLETS											
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	0.0 IN.	5 = HAIL											
MAX 32° OR BELOW	0	GRSTST IN 24 HRS.	0.0 ON N/A	6 = GLAZE OR RIME											
MAX 90° OR ABOVE	1	GRSTST 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	30.466 IN. ON 22-Sep	8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.660 IN. ON 16-Sep	9 = BLOWING SNOW											
TOTAL THIS MONTH	98	MAXIMUM PRECIPITATION		X = TORNADO											
DEPARTURE FROM NORMAL	-2	Dt (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180												
SEASONAL TOTAL	99	PRECIPITATION (inches)	0.39 0.52 0.62 0.79 0.94 1.07 1.13 1.22 1.24 1.27 1.40 1.72												
DEPARTURE FROM NORMAL	-19	ENDED: DATE	13-Sep 13-Sep 13-Sep 13-Sep 13-Sep 13-Sep 13-Sep 13-Sep 13-Sep 13-Sep 13-Sep 13-Sep												
COOLING DEGREE DAYS (Base 65°)		TIME	1652E 1653E 1703E 1704E 1715E 1721E 1741E 1750E 1807E 1829E 1906E 1941E												
TOTAL THIS MONTH	119	BAROMETRIC PRESSURE		AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL	+45	Hpc. 649 FT. MSL		1AM: 91% 1PM: 71%											
SEASONAL TOTAL	689	Avg Station Pressure:	29.379 in.	7AM: 92% 7PM: 83%											
DEPARTURE FROM NORMAL	+19	Avg Sea Level Pressure:	30.076 in.	Pk. Gust ASOS OUT OF SERVICE											
		CLIMAT	74492 9949 0185 0186 17611 01725 19919 0098	PREV. WIND DIR. ENE 16%											
				STATION INDEX NO: 19-0736-02											