

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH August YEAR 2024

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 (in.)	AVG. STATION VAPOR PRESSURE (in.)					
	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	92	71	82	9	0	17	T	0.0	0	0	9.3	17	W	779	90		24	W	990	23.9				
2	94	73	84	11	0	19	0.01	0.0	0	0	7.0	19	SSW	579	67	3	31	SSW	990	24.6				
3	92	75	84	11	0	19	0.00	0.0	0	0	10.7	19	W	612	71		29	W	987	29.1				
4	85	68	77	4	0	12	0.20	0.0	0	0	9.9	22	WSW	318	37	1,2,3	29	WSW	990	26.0				
5	90	67	79	6	0	14	T	0.0	0	0	8.9	19	SSW	686	80	1,2	28	SSW	992	25.5				
6	73	60	67	-6	0	2	0.56	0.0	0	0	7.8	17	ENE	9	1	1,2	26	ENE	993	20.4				
7	69	57	63	-10	2	0	0.18	0.0	0	0	7.5	16	NE	119	14	1,2	25	NE	995	16.4				
8	72	58	65	-7	0	0	0.09	0.0	0	0	7.6	13	ESE	187	22	1,2	20	ESE	999	18.0				
9	82	62	72	0	0	7	0.48	0.0	0	0	17.1	36	SSW	127	15	1,2	50	SSW	992	26.0				
10	85	68	77	5	0	12	0.37	0.0	0	0	11.6	28	SSW	659	78	1,2	41	SSW	989	21.7				
11	81	63	72	0	0	7	0.00	0.0	0	0	9.5	19	SW	741	88		30	W	992	15.9				
12	77	59	68	-4	0	3	0.15	0.0	0	0	10.2	25	WNW	638	76	1	35	WNW	991	17.2				
13	80	58	69	-3	0	4	0.00	0.0	0	0	8.0	16	NW	787	94		21	NW	992	17.0				
14	82	62	72	0	0	7	0.00	0.0	0	0	6.0	12	NNW	676	81		16	NNW	994	18.3				
15	84	62	73	1	0	8	0.57	0.0	0	0	6.1	28	N	491	59	1,2,3	44	N	994	19.3				
16	74	61	68	-4	0	3	0.00	0.0	0	0	5.0	10	ESE	415	50	1,2	13	ESE	995	20.0				
17	75	60	68	-4	0	3	0.00	0.0	0	0	5.4	10	SE	323	39	1,2	17	SE	995	20.8				
18	71	62	67	-4	0	2	0.09	0.0	0	0	5.1	13	SE	8	1	1,2	18	SE	991	21.5				
19	78	66	72	1	0	7	0.19	0.0	0	0	6.5	15	S	164	20	1,2,3	23	SSW	983	25.2				
20	69	54	62	-9	3	0	0.07	0.0	0	0	11.1	26	NW	238	29	1,2	32	NW	987	14.0				
21	73	51	62	-9	3	0	0.00	0.0	0	0	8.0	13	W	752	92		20	WNW	992	13.5				
22	73	52	63	-8	2	0	0.00	0.0	0	0	8.7	16	W	766	94		20	W	996	13.5				
23	81	58	70	-1	0	5	0.00	0.0	0	0	8.4	15	WNW	788	97		22	WNW	1001	14.7				
24	84	61	73	2	0	8	0.00	0.0	0	0	7.1	13	WSW	735	91		20	WNW	1000	15.9				
25	84	62	73	3	0	8	0.00	0.0	0	0	5.8	13	W	540	67		17	W	1000	17.0				
26	80	64	72	2	0	7	T	0.0	0	0	6.4	12	W	546	68		18	NE	998	19.3				
27	83	61	72	2	0	7	0.00	0.0	0	0	6.3	15	SW	705	88	1	20	SW	995	20.0				
28	88	64	76	6	0	11	0.00	0.0	0	0	12.4	22	WNW	575	72		30	WNW	991	21.5				
29	71	57	64	-6	1	0	0.00	0.0	0	0	9.3	16	E	739	93		24	ENE	1002	13.3				
30	73	56	65	-4	0	0	0.00	0.0	0	0	8.4	14	ENE	753	95	1	20	E	1003	16.2				
31	82	58	70	1	0	5	0.00	0.0	0	0	10.0	16	SSW	450	57		23	SSW	996	20.1				
SUM	2477	1910			11	197	2.96	0.0			261.1			15905							605.8			
AVG	79.9	61.6									8.4	FASTEST	DIR.	POSSIBLE	%						19.5			
											MISC.	36	SSW	25704	62						50	SSW		

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 70.8				TOTAL FOR THE MONTH 2.96 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL -0.6				DEPARTURE FROM NORMAL -0.95 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 94 ON 2nd				GRTST IN 24 HRS. 0.82 ON 9th-10th				3 = THUNDER											
LOWEST 51 ON 21st				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 4				GRTST DEPTH 07E 0 ON N/A				7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 0				PRESSURE DATA				0 = REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.383 IN. ON 30-Aug				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.571 IN. ON 19-Aug				9 = BLOWING SNOW											
TOTAL THIS MONTH 11				MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL 0				Dt (Minutes)				5	10	15	20	30	45	60	80	100	120	150	180
SEASONAL TOTAL 11				PRECIPITATION (inches)				0.27	0.36	0.38	0.39	0.43	0.44	0.49	0.50	0.55	0.56	0.56	0.56
DEPARTURE FROM NORMAL -7				ENDED: DATE				15-Aug	15-Aug	15-Aug	15-Aug	15-Aug	15-Aug	15-Aug	15-Aug	15-Aug	15-Aug	15-Aug	15-Aug
COOLING DEGREE DAYS (Base 65°)				TIME				1530E	1533E	1535E	1538E	1552E	1535E	1552E	1600E	1631E	1636E	1636E	1636E
TOTAL THIS MONTH 197				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL -12				Hpc. 649 FT. MSL				1AM: 92% 1PM: 62%											
SEASONAL TOTAL 694				Avg Station Pressure: 29.341 in.				7AM: 88% 7PM: 78%											
DEPARTURE FROM NORMAL +98				Avg Sea Level Pressure: 30.032 in.				Pk. Gust ASOS OUT OF SERVICE											
CLIMAT 74492 9936 0170 0216 19511 00752 26521 0011								PREV. WIND DIR. W 14%											
								STATION INDEX NO: 19-0736-02											