

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH July 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 (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	77	63	70	-1	0	5	0.07	0.0	0	0	9.1	17	N	722	79		3	29	N	993	16.7
2	80	60	70	-1	0	5	0.00	0.0	0	0	8.4	14	N	886	97			20	N	1000	12.5
3	84	62	73	1	0	8	0.00	0.0	0	0	9.8	18	SSW	856	94			25	S	998	15.1
4	85	62	74	2	0	9	0.04	0.0	0	0	12.5	19	SSW	392	43	1,2		28	SSW	991	21.7
5	84	68	76	4	0	11	0.22	0.0	0	0	10.3	19	SSW	146	16	1,2		29	SSW	988	26.4
6	77	71	74	2	0	9	0.10	0.0	0	0	13.9	25	SSW	9	1	1,2		31	SSW	989	27.3
7	88	72	80	8	0	15	0.00	0.0	0	0	4.7	10	SSW	345	38			15	SW	993	28.2
8	91	71	81	9	0	16	0.00	0.0	0	0	5.5	12	S	780	86			17	NW	994	25.6
9	88	72	80	7	0	15	T	0.0	0	0	9.1	20	SSW	534	59	1,2		26	SSW	992	26.9
10	88	72	80	7	0	15	0.00	0.0	0	0	14.2	30	SSW	552	61	1,2		38	SSW	990	27.8
11	87	71	79	6	0	14	0.01	0.0	0	0	16.4	30	SW	470	52	1		41	SSW	991	25.2
12	85	69	77	4	0	12	0.05	0.0	0	0	11.3	20	SW	478	53			32	SW	999	26.4
13	80	72	76	3	0	11	0.64	0.0	0	0	9.9	16	SW	234	26	1		28	SW	997	27.8
14	88	69	79	6	0	14	0.00	0.0	0	0	6.0	14	SW	809	90			18	SW	993	21.2
15	92	70	81	8	0	16	0.07	0.0	0	0	10.9	19	W	539	60	3		28	WSW	988	26.0
16	92	72	82	9	0	17	0.00	0.0	0	0	12.2	24	SW	797	89			33	SW	986	26.0
17	89	71	80	7	0	15	0.37	0.0	0	0	9.7	25	W	599	67	3		38	W	988	25.6
18	85	68	77	4	0	12	0.55	0.0	0	0	9.1	26	W	429	48	3		37	W	989	24.8
19	82	61	72	-1	0	7	0.00	0.0	0	0	8.0	14	NNW	864	97			24	N	996	15.9
20	85	63	74	1	0	9	T	0.0	0	0	9.7	23	WSW	747	84			30	WSW	995	18.6
21	86	68	77	4	0	12	T	0.0	0	0	5.3	11	W	630	71			18	WSW	994	21.1
22	83	66	75	2	0	10	T	0.0	0	0	7.0	16	SSW	452	51			24	SSW	996	20.1
23	75	65	70	-3	0	5	0.02	0.0	0	0	6.8	12	SSE	27	3	1,2		17	ESE	996	20.4
24	70	64	67	-6	0	2	0.09	0.0	0	0	5.1	11	ESE	9	1	1,2		16	ESE	998	20.7
25	80	64	72	-1	0	7	0.12	0.0	0	0	8.9	17	NW	9	1	1,2,3		28	WNW	993	21.2
26	83	59	71	-2	0	6	0.00	0.0	0	0	9.9	17	N	835	95			25	N	994	15.3
27	84	63	74	1	0	9	0.00	0.0	0	0	7.0	11	SE	702	80			17	SE	997	15.9
28	82	62	72	-1	0	7	0.04	0.0	0	0	5.9	11	SE	533	61	1,2		18	ESE	997	17.2
29	73	61	67	-6	0	2	0.12	0.0	0	0	7.9	15	SSE	96	11	1,2		21	S	993	19.3
30	87	67	77	4	0	12	0.06	0.0	0	0	14.5	24	SW	713	82	1,2		29	SW	993	24.6
31	83	71	77	4	0	12	0.00	0.0	0	0	14.6	34	SSW	365	42	1,2		46	SSW	991	27.8
SUM	2593	2069			0	319	2.57	0.0			293.6			15559							689.3
AVG	83.6	66.7									9.5	FASTEST	DIR.	POSSIBLE	%						22.2
											MISC.	34	SSW	27719	56				46	SSW	

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 75.2				TOTAL FOR THE MONTH 2.57 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL +2.5				DEPARTURE FROM NORMAL -0.90 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 92 ON 15th, 16th				GRTST IN 24 HRS. 0.92 ON 17th-18th				3 = THUNDER											
LOWEST 59 ON 26th				SNOWFALL, ICE PELLETS				4 = ICE PELLETS											
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 0.0 IN.				16 = HAIL											
MAX 32° OR BELOW 0				GRTST IN 24 HRS. 0.0 ON N/A				7 = GLAZE OR RIME											
MAX 90° OR ABOVE 3				GRTST DEPTH 07E 0 ON N/A				27 = 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 30.277 IN. ON 2-Jul				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.734 IN. ON 16-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	0.49	0.70	0.78	0.81	0.85	0.86	0.88	0.89	0.90	0.90	0.90
DEPARTURE FROM NORMAL -7				ENDED: DATE				18-Jul	18-Jul	18-Jul	18-Jul	18-Jul	18-Jul	18-Jul	18-Jul	18-Jul	18-Jul	18-Jul	18-Jul
COOLING DEGREE DAYS (Base 65°)				TIME				0006E	0006E	0006E	0009E	0019E	0035E	0045E	0045E	0045E	0059E	0059E	0059E
TOTAL THIS MONTH 319				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL +71				Hpc. 649 FT. MSL				1AM: 89% 1PM: 65%											
SEASONAL TOTAL 497				Avg Station Pressure: 29.326 in.				7AM: 86% 7PM: 75%											
DEPARTURE FROM NORMAL +110				Avg Sea Level Pressure: 30.014 in.				Pk. Gust ASOS OUT OF SERVICE											
CLIMAT 74492 9930 0164 0240 22214 00652 25920 0000								PREV. WIND DIR. SSW 26%											
								STATION INDEX NO: 19-0736-02											