

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH June 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 (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	79	53	66	4	0	1	0.00	0.0	0	7.8	15	NW	878	97		18	WNW	996	10.0	
2	83	52	68	6	0	3	0.00	0.0	0	6.6	15	W	780	86		21	WNW	993	11.9	
3	78	57	68	6	0	3	0.00	0.0	0	9.4	15	W	626	69		22	NE	991	13.0	
4	75	55	65	2	0	0	0.00	0.0	0	7.2	14	S	817	90	1	20	SSW	994	15.0	
5	84	56	70	7	0	5	T	0.0	0	12.0	21	SSW	564	62		29	SSW	989	17.8	
6	74	60	67	4	0	2	0.01	0.0	0	7.4	14	SSE	64	7	1,2	20	SSE	980	21.8	
7	80	60	70	6	0	5	0.14	0.0	0	6.4	19	WNW	410	45	1,2	26	WNW	979	19.0	
8	73	54	64	0	1	0	T	0.0	0	14.8	31	WNW	767	84		48	W	982	13.3	
9	67	55	61	-3	4	0	0.25	0.0	0	9.3	21	WNW	292	32	1,2	29	WNW	979	13.2	
10	75	54	65	0	0	0	T	0.0	0	10.5	19	NW	868	95		28	W	980	13.0	
11	71	53	62	-3	3	0	0.00	0.0	0	5.5	11	WNW	320	35		16	WNW	990	14.8	
12	76	59	68	3	0	3	0.00	0.0	0	5.5	12	W	531	58		16	S	992	16.5	
13	82	57	70	4	0	5	0.00	0.0	0	10.9	21	SW	869	95		28	SW	993	15.9	
14	84	63	74	8	0	9	0.75	0.0	0	11.5	37	NW	476	52	1,2,3	50	NW	989	19.3	
15	75	57	66	0	0	1	0.23	0.0	0	10.0	17	NW	824	90	1,2	23	NNW	992	13.4	
16	72	51	62	-5	3	0	0.00	0.0	0	7.8	16	S	815	89		22	SSE	1001	10.8	
17	80	56	68	1	0	3	0.00	0.0	0	13.9	23	SSW	596	65		30	SSW	999	16.2	
18	92	64	78	11	0	13	0.00	0.0	0	11.1	17	SW	853	93		24	SW	1000	22.3	
19	93	66	80	12	0	15	0.00	0.0	0	12.1	19	SW	642	70		24	SW	1003	22.3	
20	94	68	81	13	0	16	0.10	0.0	0	9.7	24	NNW	706	77	1,3	36	NNW	1001	23.6	
21	83	61	72	4	0	7	0.90	0.0	0	9.3	20	ENE	669	73	1,3	28	ENE	999	21.9	
22	69	59	64	-5	1	0	0.27	0.0	0	5.8	14	NE	0	0	1,2	19	NE	995	20.1	
23	84	59	72	3	0	7	0.15	0.0	0	14.0	28	SSW	238	26	1,2	38	SSW	984	23.6	
24	80	61	71	2	0	6	0.09	0.0	0	14.5	24	SW	770	84	1	36	N	978	20.7	
25	86	61	74	4	0	9	T	0.0	0	11.3	18	SW	806	88		26	NNW	986	16.8	
26	87	65	76	6	0	11	1.63	0.0	0	12.3	25	WSW	577	63	1,3	37	WSW	984	20.1	
27	80	60	70	0	0	5	0.20	0.0	0	10.3	22	NNW	631	69	1	32	WNW	984	18.4	
28	75	52	64	-6	1	0	0.00	0.0	0	9.8	17	NNW	888	97		29	NNW	997	9.5	
29	72	58	65	-6	0	0	T	0.0	0	16.3	32	SSW	55	6		40	SSW	998	17.9	
30	86	68	77	6	0	12	0.14	0.0	0	13.1	23	SSW	238	26	3	33	SW	989	25.6	
31																				
SUM	2389	1754			13	141	4.86	0.0		306.1			17570							517.7
AVG	79.6	58.5								10.2	FASTEST	DIR.	POSSIBLE	%						17.3
										MISC.	37	NW	27417	64			50	NW		

TEMPERATURE DATA		WEATHER		SYMBOLS USED IN COLUMN 16															
AVERAGE MONTHLY	69.1	TOTAL FOR THE MONTH	4.86 IN.	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS															
DEPARTURE FROM NORMAL	+2.6	DEPARTURE FROM NORMAL	+0.23 IN.	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS															
HIGHEST	94 ON 20th	GRSTST IN 24 HRS.	1.83 ON 26th-27th	3 = THUNDER															
LOWEST	51 ON 16th	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	3	GRSTST DEPTH 07E	0 ON N/A	7 = BLOWING DUST OR BLOWING SAND															
MIN 32° OR BELOW	0	PRESSURE DATA		1 = REDUCING VISIBILITY TO 1/4 MILE OR LESS															
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.333 IN. ON 19-Jun	8 = SMOKE OR HAZE															
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.521 IN. ON 24-Jun	9 = BLOWING SNOW															
TOTAL THIS MONTH	13	MAXIMUM PRECIPITATION		X = TORNADO															
DEPARTURE FROM NORMAL	-53	Dt (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180																
SEASONAL TOTAL	5392	PRECIPITATION (inches)	0.19 0.25 0.34 0.38 0.40 0.40 0.42 0.44 0.50 0.82 0.84																
DEPARTURE FROM NORMAL	-818	ENDED: DATE	26-Jun 26-Jun 26-Jun 26-Jun 26-Jun 26-Jun 26-Jun 26-Jun 26-Jun 26-Jun 26-Jun																
COOLING DEGREE DAYS (Base 65°)		TIME	1648E 1652E 1655E 1700E 1710E 1727E 1825E 1830E 1900E 1915E 1925E 1945E																
TOTAL THIS MONTH	141	BAROMETRIC PRESSURE		AVERAGE RELATIVE HUMIDITY															
DEPARTURE FROM NORMAL	+30	Hpc. 649 FT. MSL		1AM: 84% 1PM: 59%															
SEASONAL TOTAL	178	Avg Station Pressure:	29.249 in.	7AM: 79% 7PM: 69%															
DEPARTURE FROM NORMAL	+39	Avg Sea Level Pressure:	29.940 in.	Pk. Gust ASOS OUT OF SERVICE															
		CLIMAT 74492 9905 0139 0206 17312 01234 29323 0013		PREV. WIND DIR. SSW 16%															
				STATION INDEX NO: 19-0736-02															