

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH April YEAR 2024

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 (in.)	AVG STATION VAPOR PRESSURE (in.)	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	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	56	40	48	7	17	0	0.00	0.0	0	6.4	12	SSE	153	20		20	SSE	992	5.3	
2	47	35	41	0	24	0	0.07	0.0	0	9.5	16	ENE	115	15	1,2	25	E	993	8.0	
3	41	34	38	-4	27	0	1.10	T	0	19.5	34	ENE	0	0	1,2,4	53	E	987	6.3	
4	36	32	34	-8	31	0	1.25	0.7	1	24.3	41	ENE	0	0	1,2,4	63	ENE	970	6.3	
5	45	31	38	-5	38	0	0.01	T	T	13.5	23	WNW	147	19		33	WNW	976	5.7	
6	43	33	38	-5	27	0	0.08	T	0	11.7	22	N	93	12	4	35	N	984	6.9	
7	48	34	41	-3	24	0	T	0.0	0	9.1	18	N	94	12		32	N	993	5.7	
8	66	36	51	7	14	0	0.00	0.0	0	9.4	17	WNW	636	81		23	WNW	995	4.7	
9	63	40	52	8	13	0	0.00	0.0	0	10.0	15	ENE	741	94		22	ENE	994	5.0	
10	65	38	52	7	13	0	T	0.0	0	11.1	19	SSE	348	44	1,2	26	S	997	8.2	
11	55	42	49	4	16	0	0.04	0.0	0	8.5	23	SSE	0	0	1,2	32	SSE	993	11.0	
12	60	46	53	7	12	0	1.03	0.0	0	25.0	40	SSE	32	4	1,2	62	SSE	977	14.4	
13	54	43	49	3	16	0	T	0.0	0	16.8	31	W	271	34		43	W	977	8.0	
14	58	42	50	3	15	0	0.09	0.0	0	12.1	22	WNW	384	48		33	WSW	985	8.9	
15	73	43	58	11	7	0	T	0.0	0	9.4	25	NW	764	95		33	NW	987	8.3	
16	68	44	56	9	9	0	0.00	0.0	0	9.7	19	WNW	759	94		29	NW	995	6.3	
17	60	40	50	2	15	0	0.00	0.0	0	9.1	17	NE	656	81		25	ESE	999	6.1	
18	47	40	44	-4	21	0	0.21	0.0	0	9.5	17	E	0	0		25	E	998	7.4	
19	60	41	51	2	14	0	T	0.0	0	9.6	19	S	399	49		29	S	997	7.8	
20	57	40	49	0	16	0	0.38	0.0	0	9.3	26	WNW	82	10	1,2	34	WNW	989	9.0	
21	50	34	42	-8	23	0	0.00	0.0	0	10.6	20	WNW	295	36		30	NW	991	4.6	
22	57	34	46	-4	19	0	0.00	0.0	0	10.3	23	NW	822	100		29	NW	993	3.9	
23	63	37	50	0	15	0	0.00	0.0	0	11.2	22	SSW	710	86	1,2	30	S	996	5.9	
24	63	33	48	-3	17	0	0.04	0.0	0	14.4	34	NW	265	32		52	WNW	989	7.8	
25	55	29	42	-9	23	0	0.00	0.0	0	9.0	19	S	831	100		28	SE	1003	3.9	
26	56	32	44	-8	21	0	0.00	0.0	0	9.4	18	S	833	100		25	S	1008	5.6	
27	66	37	52	0	13	0	0.00	0.0	0	10.4	20	SSW	627	75		26	SW	1007	6.3	
28	67	41	54	2	11	0	0.02	0.0	0	11.0	20	W	385	46		28	WSW	996	11.7	
29	70	53	62	9	3	0	0.00	0.0	0	8.9	18	ENE	446	53	1	26	ENE	993	12.4	
30	60	44	52	-1	13	0	0.59	0.0	0	7.7	19	E	59	7	1,3	25	E	993	9.7	
31																				
SUM	1709	1148			527	0	4.91	0.7		346.4			10947							221.1
AVG	57.0	38.3								11.5	FASTEST	DIR.	POSSIBLE	%						7.4
										MISC.	41	ENE	24146	45			63	ENE		

TEMPERATURE DATA		TOTAL FOR THE MONTH		WEATHER		SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY	47.7	4.91 IN.		NUMBER OF DAYS -		1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL	+0.6	+0.15 IN.		CLEAR (Scale 0-3)		2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST	73 ON 15th	GRTST IN 24 HRS. 2.06 ON 3RD-4TH		PARTLY CLOUDY (Scale 4-7)		3 = THUNDER											
LOWEST	29 ON 25th	SNOWFALL, ICE PELLETS		CLOUDY (Scale 8-10)		4 = ICE PELLETS											
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH 0.7 IN.		WITH 0.01 INCH OR MORE PRECIP.		13 5 = HAIL											
MAX 32° OR BELOW	0	GRTST IN 24 HRS. 0.7 ON 4th		WITH 0.10 INCH OR MORE PRECIP.		6 = GLAZE OR RIME											
MAX 90° OR ABOVE	0	GRTST DEPTH 07E 1 ON 4th		WITH 0.50 INCH OR MORE PRECIP.		4 7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW	4	PRESSURE DATA		WITH 1.00 INCH OR MORE PRECIP.		3 REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL 30.543 IN. ON 27-Apr				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL 29.214 IN. ON 4-Apr				9 = BLOWING SNOW											
TOTAL THIS MONTH	527	MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL	-13	Dt (Minutes)															
SEASONAL TOTAL	5168	PRECIPITATION (inches)															
DEPARTURE FROM NORMAL	-719	ENDED: DATE															
COOLING DEGREE DAYS (Base 65°)		TIME															
TOTAL THIS MONTH	0	BAROMETRIC PRESSURE															
DEPARTURE FROM NORMAL	-3	Hpc. 649 FT. MSL															
SEASONAL TOTAL	0	Avg Station Pressure: 29.276 in.				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL	-3	Avg Sea Level Pressure: 29.985 in.				1AM: 78% 1PM: 55%											
		CLIMAT 74492 9914 0154 0087 07411 01253 18318 0527				7AM: 76% 7PM: 65%											
						Pk. Gust ASOS OUT OF SERVICE											
						PREV. WIND DIR. NW 11%											
						STATION INDEX NO: 19-0736-02											