

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH May 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		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	SKY COVER SUNSHINE TO SUNSET (hours)								
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	53	42	48	-5	17	0	0.06	0.0	0	6.3	13	E	177	21		1,2	18	ESE	991	9.5
2	69	44	57	3	8	0	0.21	0.0	0	11.5	22	NE	535	63		1,2,3	35	NE	992	10.8
3	57	44	51	-3	14	0	0.02	0.0	0	7.8	15	NE	408	48		1,2	24	NE	1000	9.7
4	55	44	50	-4	15	0	0.00	0.0	0	7.8	14	ENE	589	69			22	ENE	1004	9.5
5	51	42	47	-8	18	0	0.35	0.0	0	8.0	16	S	0	0		1,2	21	S	1001	9.7
6	75	46	61	6	4	0	0.02	0.0	0	7.6	14	SW	343	40		1,2	20	SW	991	15.4
7	78	55	67	12	0	2	0.00	0.0	0	8.7	15	NE	851	99			23	NW	985	11.0
8	62	49	56	1	9	0	0.60	0.0	0	8.5	22	SW	78	9		1,2,3	30	S	980	13.0
9	63	45	54	-2	11	0	0.00	0.0	0	10.2	19	NW	588	68		1,2	33	NW	984	10.0
10	56	42	49	-7	16	0	0.00	0.0	0	9.1	19	ENE	572	66			28	ENE	987	8.3
11	55	39	47	-9	18	0	0.00	0.0	0	8.3	17	ENE	617	71			26	ENE	988	8.3
12	60	41	51	-6	14	0	T	0.0	0	5.4	10	SW	305	35			16	WSW	990	8.9
13	68	45	57	0	8	0	0.00	0.0	0	8.6	18	S	663	76			25	S	994	9.5
14	76	48	62	5	3	0	T	0.0	0	13.8	24	SSW	718	82			33	SSW	992	12.1
15	73	53	63	6	2	0	0.46	0.0	0	8.2	17	E	79	9		1,2	24	ENE	989	15.6
16	56	52	54	-4	11	0	1.02	0.0	0	14.9	20	ENE	141	16		1,2	32	ENE	988	13.5
17	66	50	58	0	7	0	0.00	0.0	0	11.6	19	ENE	662	75		1	29	ENE	993	12.1
18	58	50	54	-4	11	0	0.26	0.0	0	12.3	21	ENE	0	0		1,2	32	NE	993	12.5
19	53	48	51	-7	14	0	0.22	0.0	0	11.0	18	NE	0	0		1,2	30	NE	994	12.1
20	65	48	57	-2	8	0	0.00	0.0	0	7.2	12	S	452	51		1,2	18	S	994	14.0
21	84	50	67	8	0	2	0.00	0.0	0	9.8	16	S	648	73		1,2	22	SSW	992	15.3
22	88	56	72	13	0	7	0.00	0.0	0	12.9	25	SSW	854	96			32	SSW	990	16.2
23	75	61	68	9	0	3	0.42	0.0	0	10.8	22	SSW	330	37		1,2,3	31	SSW	987	20.5
24	82	59	71	11	0	6	0.00	0.0	0	13.5	26	W	876	98			38	W	986	12.9
25	80	55	68	8	0	3	0.00	0.0	0	8.9	18	SSW	752	84		1	24	S	989	10.8
26	79	58	69	9	0	4	0.30	0.0	0	7.0	16	S	511	57			22	S	991	19.3
27	75	61	68	8	0	3	0.28	0.0	0	11.4	29	S	126	14		1,2	36	S	990	20.1
28	80	62	71	10	0	6	0.23	0.0	0	12.6	23	S	486	54		1,2	36	SSE	982	18.2
29	75	57	66	5	0	1	0.00	0.0	0	6.4	16	W	631	70			21	W	989	14.2
30	58	50	54	-7	11	0	1.41	0.0	0	9.2	21	NNE	54	6		1,2,3	33	N	991	12.8
31	75	48	62	0	3	0	0.00	0.0	0	9.7	18	NW	814	90			28	NW	995	9.9
SUM	2100	1544			222	37	5.86	0.0		299.0			13860							395.7
AVG	67.7	49.8								9.6	FASTEST	DIR.	POSSIBLE	%						12.8
										MISC.	29	S	27210	51				38	W	

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 58.8				TOTAL FOR THE MONTH 5.86 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL +1.3				DEPARTURE FROM NORMAL +2.04 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 88 ON 22nd				GRTST IN 24 HRS. 1.47 ON 15th-16th				3 = THUNDER											
LOWEST 39 ON 11th				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 0				GRTST 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 30.395 IN. ON 4-May				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.515 IN. ON 8-May				9 = BLOWING SNOW											
TOTAL THIS MONTH 222				MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL -36				Dt (Minutes)				5 10 15 20 30 45 60 80 100 120 150 180											
SEASONAL TOTAL 5379				PRECIPITATION (inches)				0.16 0.26 0.38 0.45 0.55 0.64 0.69 0.76 0.88 1.00 1.16 1.19											
DEPARTURE FROM NORMAL -766				ENDED: DATE				30-May 30-May 30-May 30-May 30-May 30-May 30-May 30-May 30-May 30-May 30-May 30-May											
COOLING DEGREE DAYS (Base 65°)				TIME				0712E 0711E 0712E 0712E 0713E 0721E 0736E 0757E 0819E 0837E 0908E 0912E											
TOTAL THIS MONTH 37				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL +12				Hpc. 649 FT. MSL				1AM: 93% 1PM: 65%											
SEASONAL TOTAL 37				Avg Station Pressure: 29.252 in.				7AM: 86% 7PM: 77%											
DEPARTURE FROM NORMAL +9				Avg Sea Level Pressure: 29.952 in.				Pk. Gust ASOS OUT OF SERVICE											
CLIMAT 74492 9906 0143 0149 12813 01494 23120 0222								PREV. WIND DIR. ENE 15%											
								STATION INDEX NO: 19-0736-02											