

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH October 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 (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	66	55	61	3	4	0	0	T	0.0	0	9.7	19	ENE	134	19		1,2	28	ENE	997	15.1	
2	66	52	59	1	6	0	0	T	0.0	0	7.8	13	ENE	252	36			21	ENE	994	13.7	
3	72	52	62	5	3	0	0.00	0.0	0	6.3	17	SSW	592	85				23	S	997	14.8	
4	74	54	64	7	1	0	0.00	0.0	0	9.2	14	S	452	65				23	SW	999	15.3	
5	72	52	62	5	3	0	0	T	0.0	0	8.8	16	NNW	457	66	1		24	NNW	997	12.7	
6	65	47	56	0	9	0	0.00	0.0	0	8.0	16	SSE	655	95				20	SE	996	11.3	
7	60	51	56	0	9	0	0.27	0.0	0	9.8	21	SSE	21	3		1,2		29	SSE	987	14.6	
8	64	45	55	0	10	0	0.00	0.0	0	8.8	13	NW	663	97				21	NW	988	9.4	
9	64	46	55	0	10	0	0	T	0.0	0	9.0	17	W	639	94			24	W	989	8.6	
10	60	42	51	-4	14	0	0.00	0.0	0	13.2	22	NW	616	91				36	NW	992	7.8	
11	67	40	54	0	11	0	0.00	0.0	0	11.5	19	WSW	635	94				28	WSW	991	8.1	
12	71	48	60	6	5	0	0.00	0.0	0	15.8	30	NW	652	97				44	NW	987	7.4	
13	50	44	47	-7	18	0	0.20	0.0	0	9.0	22	NE	7	1		1,2		32	ENE	990	8.8	
14	51	38	45	-8	20	0	0.06	0.0	0	9.3	28	NW	0	0		1,2		35	NW	980	11.9	
15	55	35	45	-8	20	0	0.00	0.0	0	13.5	22	W	617	93				31	W	985	6.4	
16	56	38	47	-5	18	0	0.00	0.0	0	13.0	22	NW	615	93				32	NW	992	6.9	
17	54	35	45	-7	20	0	0.00	0.0	0	8.6	15	N	421	64				22	NE	1000	7.4	
18	59	40	50	-2	15	0	0.00	0.0	0	10.3	19	N	656	100				28	NNE	1006	8.0	
19	72	46	59	8	6	0	0.00	0.0	0	7.2	14	SW	653	100				20	WSW	1008	8.6	
20	76	47	62	11	3	0	0.00	0.0	0	10.8	17	WSW	650	100				21	WSW	1002	6.3	
21	82	52	67	16	0	2	0.00	0.0	0	10.9	17	WNW	628	97				25	WNW	997	9.7	
22	74	58	66	16	0	1	0.00	0.0	0	8.5	14	E	632	98				18	WNW	1001	14.0	
23	78	53	66	16	0	1	0.00	0.0	0	14.5	25	SSW	571	89		1,2		35	SSW	994	15.9	
24	70	47	59	9	6	0	0	T	0.0	0	11.0	16	NNW	346	54			26	NNW	990	11.7	
25	61	40	51	2	14	0	0.00	0.0	0	8.4	15	NNW	636	100				20	NNW	995	8.2	
26	64	43	54	5	11	0	0.00	0.0	0	13.5	28	W	495	78				37	W	994	5.9	
27	53	36	45	-4	20	0	0.00	0.0	0	11.5	23	WNW	625	99				28	W	1003	3.7	
28	50	36	43	-5	22	0	0.00	0.0	0	7.9	16	WNW	560	89				20	NNW	1008	5.6	
29	53	38	46	-2	19	0	0.01	0.0	0	10.6	17	SSE	157	25		1		24	SSE	1010	6.4	
30	71	46	59	11	6	0	0.22	0.0	0	12.2	20	SSE	249	40		1,2		28	SSE	1001	14.6	
31	76	57	67	20	0	2	0.00	0.0	0	13.4	22	SW	422	68				28	SSW	994	14.2	
SUM	2006	1413			303	6	0.76	0.0		322.0			14708									313.0
AVG	64.7	45.6								10.4	FASTEST	DIR.	POSSIBLE	%								10.1
										MISC.	30	NW	20501	72					44	NW		

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16														
AVERAGE MONTHLY	55.2			TOTAL FOR THE MONTH	0.76 IN.			NUMBER OF DAYS -	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS													
DEPARTURE FROM NORMAL	+2.7			DEPARTURE FROM NORMAL	-4.73 IN.			CLEAR (Scale 0-3)	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS													
HIGHEST	82	ON	21st	GRTST IN 24 HRS.	0.27	ON	7th	PARTLY CLOUDY (Scale 4-7)	3 = THUNDER													
LOWEST	35	ON	15th, 17th	SNOWFALL, ICE PELLETS	0.0 IN.			CLOUDY (Scale 8-10)	4 = ICE PELLETS													
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH	0.0 IN.			WITH 0.01 INCH OR MORE PRECIP.	5 = HAIL													
MAX 32° OR BELOW	0			GRTST IN 24 HRS.	0.0	ON	N/A	WITH 0.10 INCH OR MORE PRECIP.	3 = GLAZE OR RIME													
MAX 90° OR ABOVE	0			GRTST DEPTH 07E	0	ON	N/A	WITH 0.50 INCH OR MORE PRECIP.	0 = BLOWING DUST OR BLOWING SAND													
MIN 32° OR BELOW	0			PRESSURE DATA				WITH 1.00 INCH OR MORE PRECIP.	0 = REDUCING VISIBILITY TO 1/4 MILE OR LESS													
MIN 0° OR BELOW	0			HIGHEST SEA-LEVEL	30.590	IN. ON	29-Oct		8 = SMOKE OR HAZE													
HEATING DEGREE DAYS (Base 65°)	303			LOWEST SEA-LEVEL	29.583	IN. ON	14-Oct		9 = BLOWING SNOW													
TOTAL THIS MONTH	303			MAXIMUM PRECIPITATION					X = TORNADO													
DEPARTURE FROM NORMAL	-91			DI (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180						
SEASONAL TOTAL	373			PRECIPITATION (inches)	0.04	0.05	0.07	0.09	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.21						
DEPARTURE FROM NORMAL	-139			ENDED: DATE	7-Oct	7-Oct	13-Oct	13-Oct	13-Oct	13-Oct	13-Oct	13-Oct	30-Oct	30-Oct	30-Oct	30-Oct						
COOLING DEGREE DAYS (Base 65°)	6			TIME	0940E	0942E	1713E	1717E	1722E	1726E	1746E	1805E	0146E	0157E	0226E	0226E						
TOTAL THIS MONTH	6			BAROMETRIC PRESSURE					AVERAGE RELATIVE HUMIDITY													
DEPARTURE FROM NORMAL	-1			Hpc. 649 FT. MSL					1AM: 78% 1PM: 53%													
SEASONAL TOTAL	763			Avg Station Pressure:	29.391 in.				7AM: 80% 7PM: 68%													
DEPARTURE FROM NORMAL	+86			Avg Sea Level Pressure:	30.097 in.				Pk. Gust ASOS OUT OF SERVICE													
				CLIMAT	74492	9953	0192	0129	10104	00191	24526	0303	PREV. WIND DIR. WNW 11%				STATION INDEX NO: 19-0736-02					