

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH October YEAR 2021

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	WIND			SUNSHINE		SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURANCES	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	PELLETS OR ICE ON GROUND AT 0700E	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	64	44	54	-4	11	0	0.00	0.0	0	8.8	14	WNW	583	83			20	WNW	998	9.3	
2	73	47	60	2	5	0	0.00	0.0	0	10.8	16	WSW	567	81			24	WSW	995	12.3	
3	65	55	60	3	5	0	0.09	0.0	0	7.4	13	NE	70	10		1,2	19	E	992	16.4	
4	59	51	55	-2	10	0	1.69	0.0	0	13.1	26	E	0	0		1,2	30	E	995	14.2	
5	58	50	54	-3	11	0	0.30	0.0	0	8.4	16	NE	0	0		1,2	22	NNE	1001	13.7	
6	69	50	60	4	5	0	0.00	0.0	0	5.4	12	N	407	59			15	N	1004	12.3	
7	73	55	64	8	1	0	0.00	0.0	0	6.0	11	W	550	80			15	WSW	1001	16.2	
8	69	55	62	7	3	0	T	0.0	0	9.5	16	ENE	616	90			24	ENE	999	14.5	
9	62	54	58	3	7	0	0.01	0.0	0	11.2	16	E	273	40			23	E	1004	12.5	
10	62	54	58	3	7	0	T	0.0	0	10.1	16	ENE	0	0		1	22	E	1001	15.0	
11	67	56	62	8	3	0	0.01	0.0	0	8.0	14	NE	371	55		1,2	20	NE	997	16.4	
12	72	54	63	9	2	0	0.00	0.0	0	4.7	11	SW	612	91		1	15	SW	996	15.6	
13	75	55	65	11	0	0	0.00	0.0	0	8.3	14	W	630	94			18	SW	993	15.9	
14	73	56	65	12	0	0	0.00	0.0	0	6.7	14	N	614	92			19	N	990	16.5	
15	74	55	67	14	0	2	0.00	0.0	0	7.8	18	S	452	68			24	S	990	17.7	
16	73	59	66	14	0	1	0.06	0.0	0	19.1	34	S	351	53			43	S	984	15.5	
17	62	47	55	3	10	0	0.25	0.0	0	11.7	24	WNW	580	88			32	WNW	982	10.8	
18	60	42	51	-1	14	0	0.01	0.0	0	12.8	22	WNW	544	83			31	NW	984	7.6	
19	59	40	50	-1	15	0	0.00	0.0	0	14.3	26	W	653	100			35	W	987	6.9	
20	70	49	60	9	5	0	0.00	0.0	0	10.6	17	W	560	86			23	W	990	11.5	
21	74	56	65	14	0	0	0.00	0.0	0	13.0	23	S	473	73			30	SSW	991	12.7	
22	71	51	61	11	4	0	0.00	0.0	0	12.3	21	S	535	83			27	S	987	14.7	
23	60	44	52	2	13	0	0.00	0.0	0	8.7	16	NW	475	74			24	NW	990	8.0	
24	57	37	47	-3	18	0	0.01	0.0	0	9.0	16	W	589	92			25	NNW	997	6.8	
25	56	47	52	3	13	0	0.63	0.0	0	12.6	22	NE	0	0		1,2	29	NE	993	12.5	
26	61	47	54	5	11	0	2.23	0.0	0	20.2	31	NNE	0	0		1,2	49	NNE	979	20.2	
27	48	44	46	-3	19	0	0.87	0.0	0	21.5	37	NNE	0	0		1	66	NNE	980	10.4	
28	48	39	44	-4	21	0	0.00	0.0	0	9.8	16	NNE	0	0			26	NNE	991	7.4	
29	49	37	43	-5	22	0	0.00	0.0	0	10.3	18	ENE	0	0			25	ENE	991	8.0	
30	59	49	54	7	11	0	1.02	0.0	0	13.7	25	E	0	0		1	33	E	983	14.8	
31	64	51	58	11	7	0	0.69	0.0	0	12.6	25	SW	360	58			33	WNW	977	13.7	
SUM	1986	1530	-----	-----	253	3	7.87	0.0	-----	338.4	-----	-----	10865	-----	-----	-----	-----	-----	-----	-----	400.0
AVG	64.1	49.4	-----	-----	-----	-----	-----	-----	-----	10.9	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	-----	12.9

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 56.8				TOTAL FOR THE MONTH 7.87 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL +4.3				DEPARTURE FROM NORMAL +2.38 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 75 ON 13th				GRTST IN 24 HRS. 2.23 ON 28th-29th				3 = THUNDER											
LOWEST 37 ON 24th and 29th				SNOWFALL, ICE PELLETS				4 = ICE PELLETS											
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 0.0 IN.				14 5 = HAIL											
MAX 32° OR BELOW 0				GRTST IN 24 HRS. N/A ON				8 6 = GLAZE OR RIME											
MAX 90° OR ABOVE 0				GRTST DEPTH 07E N/A ON				6 7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 0				PRESSURE DATA				3 3 = REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.401 IN. ON. 6-Oct				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.288 IN. ON. 31-Oct				9 = BLOWING SNOW											
TOTAL THIS MONTH 253				MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL -141				Dt (Minutes)				80 100 120 150 180											
SEASONAL TOTAL 327				PRECIPITATION (inches)				0.11 0.18 0.26 0.33 0.49 0.52 0.56 0.62 0.64 0.65 0.65 0.65											
DEPARTURE FROM NORMAL -185				ENDED: DATE				30-Oct 30-Oct 30-Oct 30-Oct 30-Oct 30-Oct 30-Oct 30-Oct 30-Oct 30-Oct 30-Oct 30-Oct											
COOLING DEGREE DAYS (Base 65°)				TIME				1730E 1730E 1730E 1735E 1738E 1752E 1804E 1820E 1840E 1900E 1900E 1900E											
TOTAL THIS MONTH 3				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL -4				Hpc. 649 FT. MSL				1AM: 91% 1PM: 68%											
SEASONAL TOTAL 717				Avg Station Pressure: 29.276 in.				7AM: 91% 7PM: 82%											
DEPARTURE FROM NORMAL +40				Avg Sea Level Pressure: 29.976 in.				Pk. Gust ASOS OUT OF SERVICE											
CLIMAT 74492 9943 0177 0137 12910 01995 18123 0253								PREV. WIND DIR. WNW 10%											
								STATION INDEX NO: 19-0736-02											