

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH February 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 PELLETS OR ICE ON GROUND AT 0700E	WIND		SUNSHINE		SKY COVER (Sunrise to Sunset) (Tenths)	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
1	32	21	27	1	38	0	1.86	12.7	3	18.6	36	NE	0	0		2,9	53	NE	992	4.8	
2	34	29	32	6	33	0	0.91	1.6	11	18.7	34	NE	0	0		2,4,6,9	52	NNE	972	5.8	
3	34	26	30	4	35	0	0.01	0.2	10	9.3	16	NW	36	6		4	20	NW	973	4.4	
4	37	26	32	6	33	0	0.02	0.7	10	9.3	17	NW	158	26			23	NW	983	4.5	
5	39	26	33	7	32	0	0.01	T	9	10.9	24	S	0	0			33	S	982	10.9	
6	40	28	34	8	31	0	0.00	0.0	8	15.2	29	W	595	97			42	WSW	990	3.3	
7	35	25	30	3	35	0	0.71	11.6	7	9.4	16	WNW	0	0		2	27	WNW	990	4.3	
8	27	13	20	-7	45	0	0.00	0.0	16	10.5	18	NW	619	100			29	NW	1001	1.9	
9	27	18	23	-4	42	0	0.17	2.2	15	6.4	11	N	0	0			16	N	1000	3.4	
10	31	15	23	-4	42	0	0.00	0.0	17	9.2	18	WNW	436	70			26	WNW	1000	2.3	
11	31	15	23	-4	42	0	0.00	0.0	16	8.3	19	NW	526	84			28	NW	999	2.1	
12	25	8	17	-10	48	0	0.00	0.0	15	10.1	22	NW	421	67			32	NW	1001	1.2	
13	27	15	21	-7	44	0	0.00	0.0	15	7.8	16	NNW	252	40			21	NNW	1002	2.2	
14	34	24	29	1	36	0	0.00	0.0	14	5.0	12	ENE	0	0			19	ENE	999	3.4	
15	31	27	29	1	36	0	0.11	0.0	13	8.2	14	NE	0	0		2,6	21	NNE	999	4.7	
16	44	29	37	9	28	0	0.63	0.0	12	11.1	32	W	0	0		2,6	39	W	981	7.2	
17	30	19	25	-3	40	0	0.00	0.0	10	11.8	29	W	552	86			40	W	1000	1.9	
18	29	21	25	-4	40	0	0.13	1.7	9	6.5	16	ENE	0	0			24	ENE	1005	3.3	
19	30	24	27	-2	38	0	0.66	7.7	12	8.9	16	NE	0	0			24	NE	996	8.9	
20	32	19	26	-3	39	0	0.02	0.5	18	10.5	22	NW	156	24			32	NW	992	2.9	
21	33	15	24	-5	41	0	0.00	0.0	17	9.9	18	NNW	653	100			27	NW	1004	2.0	
22	40	21	31	2	34	0	0.22	T	16	15.5	30	S	20	3			41	S	991	5.2	
23	43	31	37	7	28	0	0.00	0.0	13	12.3	20	WNW	283	43			31	WNW	979	6.0	
24	49	34	42	12	23	0	0.00	0.0	10	15.9	28	SSW	602	91			39	SSW	987	4.6	
25	43	28	36	6	29	0	0.00	0.0	8	19.6	36	WNW	664	100			50	WNW	990	3.7	
26	40	22	31	1	34	0	0.00	0.0	8	9.2	15	W	620	93			22	WNW	1005	3.1	
27	47	29	38	7	27	0	0.21	0.1	6	16.0	30	SSE	0	0		4	40	SSE	998	7.6	
28	41	33	37	6	28	0	0.01	0.0	4	7.8	16	SE	0	0			24	NW	999	5.7	
29																					
30																					
31																					
SUM	985	641	-----	-----	1001	0	5.68	39.0	-----	311.9	-----	-----	6593	-----	-----	-----	-----	-----	-----	-----	121.3
AVG	35.2	22.9	-----	-----	-----	-----	-----	-----	-----	11.1	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	-----	4.3
										MISC.	36	NE	17805	37							-----

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 35.2				TOTAL FOR THE MONTH 5.68 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL -1.6				DEPARTURE FROM NORMAL +1.61 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 49 ON 24th				GRTST IN 24 HRS. 2.76 ON 1st-2nd				3 = THUNDER											
LOWEST 8 ON 12th,19th				SNOWFALL, ICE PELLETS				4 = ICE PELLETS											
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 29.0 IN.				5 = HAIL											
MAX 32° OR BELOW 12				GRTST IN 24 HRS. 14.3 ON 1st-2nd				6 = GLAZE OR RIME											
MAX 90° OR ABOVE 0				GRTST DEPTH 07E 18 ON 20th				7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 26				PRESSURE DATA				1 REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.534 IN. ON. 18-Feb				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.291 IN. ON. 3-Feb				9 = BLOWING SNOW											
TOTAL THIS MONTH 1001				MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL -36				Dt (Minutes)				80 100 120 150 180											
SEASONAL TOTAL 4045				PRECIPITATION (inches)				0.05 0.08 0.11 0.13 0.18 0.25 0.32 0.40 0.47 0.56 0.70 0.83											
DEPARTURE FROM NORMAL -523				ENDED: DATE				16-Feb 16-Feb 1-Feb 1-Feb 1-Feb 1-Feb 1-Feb 1-Feb 1-Feb 1-Feb 1-Feb 1-Feb											
COOLING DEGREE DAYS (Base 65°)				TIME				0726E 0932E 2341E 2341E 2344E 2344E 2344E 2344E 2208E 2216E 2216E 2344E											
TOTAL THIS MONTH 0				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL 0				Hpc. 649 FT. MSL				1AM: 78% 1PM: 68%											
SEASONAL TOTAL 0				Avg Station Pressure: 29.323 in.				7AM: 78% 7PM: 77%											
DEPARTURE FROM NORMAL 0				Avg Sea Level Pressure: 30.047 in.				Pk. Gust ASOS 58 NE											
				CLIMAT 74492 9930 0175 0018 04310 01444 11015 1001				PREV. WIND DIR. WNW 16%											
								STATION INDEX NO. 19-0736-02											