

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH December YEAR 2020

LATITUDE 42° 13' N LONGITUDE 71° 07' W GROUND ELEVATION 629 FT. STANDARD TIME Eastern

DAY	TEMPERATURE (°F)						PRECIPITATION (in.)		SNOW, ICE PELLETS OR ICE ON GROUND AT 0700E	WIND			SUNSHINE		SKY COVER (UNBROKEN TO SUNSET) (Tenths)	WEATHER OCCURRENCES	PEAK GUST (m.p.h.)	DIRECTION OF PEAK GUST	AVG STATION PRESSURE (mb.)	AVG STATION VAPOR PRESSURE (mb.)	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°)		TOTAL (Water Equivalent)	SNOWFALL, ICE PELLETS		AVERAGE SPEED (m.p.h.)	FASTEST MILE		TOTAL (Min.)	PERCENT OF POSSIBLE							
					HEATING	COOLING					SPEED	DIRECTION									
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	62	40	51	14	14	0	0.61	0.0	0	20.0	45	S	112	20			60	S	989	10.6	
2	42	32	37	1	28	0	0.00	0.0	0	13.5	23	SW	301	54			32	SW	993	4.0	
3	49	30	40	4	25	0	0.00	0.0	0	12.1	20	SSW	512	92			25	SSW	995	4.5	
4	58	40	49	14	16	0	0.06	0.0	0	15.7	26	SSW	332	60		1	35	SSW	991	6.7	
5	42	32	37	2	28	0	2.13	2.8	0	18.0	34	NNW	0	0		1,4	58	NNW	978	7.4	
6	34	26	30	-5	35	0	0.01	T	T	2	18.0	27	WNW	403	73			44	WNW	979	3.8
7	33	22	28	-6	37	0	T	T	T	2	9.5	18	W	457	83			24	NW	982	3.6
8	29	22	26	-8	39	0	T	T	T	1	11.5	18	NW	6	1			24	NW	981	3.2
9	34	19	27	-7	38	0	T	T	T	1	7.7	14	W	0	0			16	W	983	4.1
10	42	30	36	3	29	0	0.00	0.0	1	10.5	18	WNW	351	64			30	WNW	991	4.8	
11	50	31	41	8	24	0	0.00	0.0	1	12.6	24	SW	384	70			32	SW	997	6.6	
12	48	40	44	11	21	0	0.38	0.0	0	7.3	19	E	0	0		2	25	E	996	9.9	
13	58	35	47	15	18	0	0.00	0.0	0	10.8	20	WSW	109	20		2	28	WSW	989	9.0	
14	35	30	33	1	32	0	0.10	0.4	0	7.5	18	N	0	0		2,4	25	N	987	5.5	
15	34	21	28	-4	37	0	0.00	0.0	0	13.8	25	WNW	541	99			32	WNW	998	2.2	
16	27	25	20	-11	45	0	0.14	1.4	0	9.8	25	E	180	33			38	E	1005	2.1	
17	31	19	25	-6	40	0	1.58	15.1	9	20.3	38	ENE	0	0		1,9	55	ENE	989	4.5	
18	27	18	23	-8	42	0	0.00	0.0	10	11.3	20	N	120	22			28	N	998	2.6	
19	29	13	21	-9	44	0	0.00	0.0	10	6.8	14	NNW	436	80			16	SW	1003	2.7	
20	36	24	30	0	35	0	0.02	T	9	7.2	12	SW	0	0			14	S	997	4.8	
21	34	29	32	2	33	0	0.00	0.0	8	6.8	16	W	0	0		2	22	WNW	985	6.0	
22	42	30	36	7	29	0	0	0.0	8	13.3	25	WNW	447	82			34	WNW	984	4.7	
23	37	26	32	3	33	0	0.00	0.0	7	10.5	20	S	480	88			30	WNW	1002	3.1	
24	53	30	42	13	23	0	T	0.0	7	21.6	34	SSE	153	28		1	46	SSE	998	7.8	
25	61	37	49	21	16	0	2.15	0.0	0	25.4	52	SSE	0	0		1	68	SSE	979	14.1	
26	37	25	31	3	34	0	0.00	0.0	0	14.5	32	SW	485	89			38	SW	985	3.4	
27	38	22	30	2	35	0	0.00	0.0	0	8.4	13	S	513	94			18	W	1000	3.3	
28	49	27	38	10	27	0	T	0.0	0	13.3	25	SSW	109	20			35	SSW	997	6.5	
29	38	20	29	2	36	0	0.00	0.0	0	15.2	36	WNW	470	86			48	WNW	1001	2.3	
30	40	19	30	3	35	0	0.00	0.0	0	14.6	30	SSW	60	11			39	SW	1001	3.4	
31	44	28	36	9	29	0	0.14	0.0	0	14.9	30	SW	0	0			38	SW	994.4	6.6	
SUM	1273	842	-----	-----	957	0	7.32	19.7	-----	402.4	-----	-----	6961	-----	-----	-----	-----	-----	-----	163.8	
AVG	41.1	27.2	-----	-----	-----	-----	-----	-----	-----	13.0	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	5.2	
										MISC.	52	SSE	16991	41	-----	-----	68	SSE	-----	-----	

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 34.2				TOTAL FOR THE MONTH 7.32 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL +2.9				DEPARTURE FROM NORMAL +2.43 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 62 ON 1st				GRTST IN 24 HRS. 2.15 ON 25th				3 = THUNDER											
LOWEST 18 ON 19th				SNOWFALL, ICE PELLETS				4 = ICE PELLETS											
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 19.7 IN.				5 = HAIL											
MAX 32° OR BELOW 5				GRTST IN 24 HRS. 16.5 ON 16th-17th				6 = GLAZE OR RIME											
MAX 90° OR ABOVE 0				GRTST DEPTH 07E 10 ON 18th-19th				7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 26				PRESSURE DATA				3 REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.513 IN. ON. 16-Dec				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.249 IN. ON. 5-Dec				9 = BLOWING SNOW											
TOTAL THIS MONTH 957				MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL -86				Dx (Minutes)				80 100 120 150 180											
SEASONAL TOTAL 1930				PRECIPITATION (Inches)				0.25 0.33 0.39 0.46 0.51 0.60 0.70 0.79 0.84 0.92 0.96 1.02											
DEPARTURE FROM NORMAL -375				ENDED: DATE				25-Dec 25-Dec 25-Dec 25-Dec 25-Dec 25-Dec 25-Dec 25-Dec 25-Dec 25-Dec 25-Dec											
COOLING DEGREE DAYS (Base 65°)				TIME				0905E 0910E 0915E 0920E 0929E 0945E 1000E 1020E 1039E 1059E 1129E 1200E											
TOTAL THIS MONTH 0				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL 0				Hpc. 649 FT. MSL				1AM: 80% 1PM: 67%											
SEASONAL TOTAL 832				Avg Station Pressure: 29.285 in.				7AM: 83% 7PM: 74%											
DEPARTURE FROM NORMAL +230				Avg Sea Level Pressure: 30.008 in.				Pk. Gust ASOS 67 SSW											
CLIMAT 74492 9917 0162 0012 05209 01854 11616 0957								PREV. WIND DIR. WNW 17%											
								STATION INDEX NO: 19-0736-02											