

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH December YEAR 2019

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

DAY	TEMPERATURE*F						PRECIPITATION (in.)		SNOW, ICE	WIND			SUNSHINE		SKY COVER SUNBETO SUNSET (Tenth)	WEATHER OCCURANCES	PEAK GUST (m.p.h.)	DIRECTION OF PEAKGUST	AVG. STATION PRESSURE (in.)	AVG. STATION WIND PRESSURE (in.)
	MAXIMUM	MINIMUM	AVERAGE	DEPART- TURE FROM NORMAL	DEGREE DAYS (Base 65°)		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						
					HEATING	COOLING					SPEED (m.p.h.)	DIRECTION								
1	32	16	24	-13	41	0	0.87	5.7	0	9.2	24	E	11	2		33	ENE	989	3.9	
2	37	25	31	-5	34	0	1.04	2.7	5	22.2	34	NE	0	0		52	NE	977	6.0	
3	30	23	27	-9	38	0	0.52	4.7	7	16.2	25	N	0	0		32	N	971	4.4	
4	34	22	28	-7	37	0	0.00	0.0	7	9.9	19	WNW	0	0		23	WNW	975	4.4	
5	41	26	34	-1	31	0	0.00	0.0	5	14.7	27	NW	343	62		33	NW	981	5.4	
6	33	23	28	-7	37	0	0.02	0.1	5	10.0	19	NW	0	0		25	NW	992	4.4	
7	31	18	25	-9	40	0	0.00	0.0	5	10.7	21	NW	519	94		25	NW	1002	2.8	
8	36	15	26	-8	39	0	0.00	0.0	5	12.4	25	SSW	402	73		31	SSW	1007	3.7	
9	57	36	47	13	18	0	0.62	0.0	4	22.8	41	S	0	0		53	S	993	11.1	
10	58	37	48	15	17	0	0.26	0.0	0	17.3	27	SW	44	8		35	SW	985	13.2	
11	36	23	30	-3	35	0	0.48	4.8	3	9.9	19	NW	236	43		25	NW	999	4.4	
12	29	17	23	-10	42	0	0.00	0.0	4	8.9	23	W	488	89		29	W	1014	2.7	
13	46	22	34	2	31	0	0.11	0.0	0	14.0	22	SSE	0	0		25	SSE	1005	6.4	
14	58	46	52	20	13	0	1.35	0.0	0	19.1	29	S	0	0	2	45	S	972	14.8	
15	48	28	38	6	27	0	0.00	0.0	0	25.5	43	W	284	52		53	W	980	4.8	
16	30	25	28	-3	37	0	0.00	0.0	0	11.4	31	W	0	0		36	W	998	2.6	
17	35	23	29	-2	36	0	0.79	1.0	T	7.6	19	NNW	0	0	1,4,6	22	NNW	987	5.1	
18	33	18	26	-5	39	0	T	0.1	T	12.2	33	WNW	229	42	1,6	44	WNW	983	5.0	
19	20	9	15	-15	50	0	0.00	0.0	T	19.3	39	W	534	98		51	W	996	1.1	
20	29	11	20	-10	45	0	0.00	0.0	T	13.0	23	NW	540	99		32	W	1006	1.8	
21	31	16	24	-6	41	0	0.00	0.0	T	7.2	12	SW	163	30		16	SSE	1010	3.3	
22	40	26	33	4	32	0	0.00	0.0	T	12.9	17	SW	212	39		23	SW	998	4.0	
23	54	33	44	15	21	0	0.00	0.0	T	14.1	25	SW	540	99		30	WSW	991	5.7	
24	42	29	36	7	29	0	0.00	0.0	T	10.9	21	NW	507	93		30	NW	995	3.2	
25	42	25	34	6	31	0	0.00	0.0	T	6.0	14	N	289	53		16	NNE	998	3.6	
26	39	29	34	6	31	0	0.00	0.0	T	7.1	17	ENE	174	32		22	ENE	1004	5.6	
27	47	31	39	11	26	0	0.00	0.0	T	14.9	25	SSW	0	0		32	SSW	998	7.2	
28	47	30	39	11	26	0	0.00	0.0	0	12.6	20	W	470	86		23	W	996	5.2	
29	42	28	35	8	30	0	0.08	0.0	0	7.5	17	WNW	383	70		22	WNW	998	4.6	
30	36	32	34	7	31	0	1.34	0.8	0	16.6	31	E	0	0		40	E	991	6.5	
31	40	32	36	9	29	0	0.33	0	T	13.4	26	ENE	0	0	4	35	E	978	7.3	
SUM	1213	774	-----	-----	###	0	7.81	19.9	-----	409.5	-----	-----	6368	-----	-----	-----	-----	-----	-----	164.2
AVG	39.1	25.0	-----	-----	-----	-----	-----	-----	-----	13.2	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	5.3
										MISC.	43	W	17000	37		-----	53	S, W	-----	-----

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16												
AVERAGE MONTHLY	32.1			TOTAL FOR THE MONTH	7.81 IN.			NUMBER OF DAYS -												
DEPARTURE FROM NORMAL	0			DEPARTURE FROM NORMAL	+2.92 IN.			CLEAR (Scale 0-3)	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
HIGHEST	58	ON	10th	GRTST IN 24 HRS.	1.64	ON	1st-2nd	PARTLY CLOUDY (Scale 4-7)	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
LOWEST	9	ON	19th	SNOWFALL, ICE PELLETS				CLOUDY (Scale 8-10)	3 = THUNDER											
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH	19.9 IN.			WITH 0.01 INCH OR MORE PRECIP.	4 = ICE PELLETS											
MAX 32° OR BELOW	8			GRTST IN 24 HRS.	5.8	ON	1st-2nd	WITH 0.10 INCH OR MORE PRECIP.	5 = HAIL											
MAX 90° OR ABOVE	0			GRTST DEPTH 07E	7	ON	3rd-4th	WITH 0.50 INCH OR MORE PRECIP.	6 = GLAZE OR RIME											
MIN 32° OR BELOW	27			PRESSURE DATA				WITH 1.00 INCH OR MORE PRECIP.	7 = BLOWING DUST OR BLOWING SAND REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW	0			HIGHEST SEA-LEVEL	30.711	IN. ON.	12th	8 = SMOKE OR HAZE												
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL	29.14	IN. ON.	14th	9 = BLOWING SNOW												
TOTAL THIS MONTH	1014			MAXIMUM PRECIPITATION				X = TORNADO												
DEPARTURE FROM NORMAL	-29			At (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180				
SEASONAL TOTAL	2251			PRECIPITATION (inches)	0.08	0.1	0.11	0.12	0.16	0.21	0.27	0.37	0.44	0.51	0.56	0.63				
DEPARTURE FROM NORMAL	-54			ENDED: DATE	30-Dec	30-Dec	30-Dec	30-Dec	14-Dec	14-Dec	14-Dec	14-Dec	14-Dec	14-Dec	14-Dec	14-Dec				
COOLING DEGREE DAYS (Base 65°)				TIME	1942E	1944E	1948E	1948E	0950E	0556E	0556E	0556E	0559E	0559E	0605E	0638E				
TOTAL THIS MONTH	0			BAROMETRIC PRESSURE								AVERAGE RELATIVE HUMIDITY								
DEPARTURE FROM NORMAL	0			Hpc. 649 FT. MSL								1AM: 81% 1PM: 71%								
SEASONAL TOTAL	0			Avg Station Pressure: 29.303 in.								7AM: 83% 7PM: 80%								
DEPARTURE FROM NORMAL	0			Avg Sea Level Pressure: 30.026 in.								Pk. Gust ASOS 50 W								
				CLIMAT 74492 9923 0168 00001 05312 01985 10616 1014								PREV. WIND DIR. W 20%								
												STATION INDEX NO: 19-0736-02								