

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH September YEAR 2019

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 (mb)	AVG. STATION WINDOR PRESSURE (mb)
	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								
					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	73	56	65	-3	0	0	0.00	0.0	0	8.8	14	SE	703	89			21	ENE	1004	15.4	
2	75	57	66	-2	0	1	0.37	0.0	0	10.9	26	W	165	21		3	39	W	995	18.8	
3	77	61	69	2	0	4	0.00	0.0	0	7.5	14	S	643	82			18	S	994	17.7	
4	83	61	72	5	0	7	0.00	0.0	0	12.4	24	W	375	48			30	SW	991	23.7	
5	68	54	61	-6	4	0	0.00	0.0	0	7.5	15	NW	513	66			23	NW	995	12.3	
6	65	56	61	-6	4	0	0.03	0.0	0	11.9	25	ENE	54	7			37	ENE	991	15.6	
7	70	51	61	-5	4	0	0.27	0.0	0	13.5	25	NNE	325	42			37	N	984	13.0	
8	73	53	63	-3	2	0	0.00	0.0	0	10.3	18	W	631	82			25	W	994	12.6	
9	71	54	63	-3	2	0	0.00	0.0	0	7.3	11	ESE	537	70			17	SE	1002	13.8	
10	73	58	65	0	0	0	0.00	0.0	0	6.8	20	S	207	27			25	S	1004	16.7	
11	83	63	73	8	0	8	0.00	0.0	0	13.3	23	SW	419	55			31	SW	995	22.3	
12	70	52	61	-4	4	0	0.11	0.0	0	10.7	21	ENE	15	2		1	29	ENE	998	13.0	
13	65	49	57	-7	8	0	0.00	0.0	0	11.2	19	ENE	741	98			29	ENE	1008	10.9	
14	69	49	59	-5	6	0	0.20	0.0	0	15.4	26	S	30	4			36	S	1002	16.5	
15	78	62	70	6	0	5	0.00	0.0	0	10.0	15	W	600	80			24	W	996	16.4	
16	72	54	63	0	2	0	T	0.0	0	9.4	17	WNW	673	90			25	WNW	994	10.9	
17	67	49	58	-5	7	0	0.00	0.0	0	9.5	16	ENE	611	82			23	NW	997	12.2	
18	61	49	55	-7	10	0	0.00	0.0	0	10.7	16	NE	579	78			26	NE	1002	9.7	
19	67	43	55	-7	10	0	0.00	0.0	0	7.2	14	NE	709	96			17	NE	1003	9.7	
20	78	50	64	2	1	0	0.00	0.0	0	8.4	15	W	677	92			21	W	998	11.1	
21	83	60	72	11	0	7	0.00	0.0	0	7.8	15	WNW	689	94			21	WNW	999	15.3	
22	85	62	74	13	0	9	0.00	0.0	0	11.5	17	SW	687	94			24	SW	995	18.5	
23	88	65	77	17	0	12	0.00	0.0	0	14.6	22	SSW	539	74			29	SSW	986	23.1	
24	76	56	66	6	0	1	0.04	0.0	0	11.0	21	W	616	85			26	W	984	17.7	
25	73	50	62	2	3	0	0.00	0.0	0	8.5	14	W	686	95			22	W	988	13.5	
26	79	55	67	8	0	2	0.25	0.0	0	12.3	28	SW	388	54		2	38	SW	987	17.0	
27	72	50	61	2	4	0	0.00	0.0	0	8.8	16	WNW	695	97			23	S	996	12.7	
28	78	55	67	9	0	2	0.00	0.0	0	14.2	23	S	664	93			31	S	996	16.2	
29	75	53	64	6	1	0	0.00	0.0	0	9.8	16	NW	619	87			24	NW	1001	12.0	
30	62	49	56	-2	9	0	0.00	0.0	0	9.0	14	NNE	609	86			23	NNE	1003	10.2	
31																					
SUM	2209	1636	-----	-----	81	58	1.27	0.0	-----	310.2	-----	-----	15399	-----			-----	-----	-----	-----	448.5
AVG	73.6	54.5	-----	-----	-----	-----	-----	-----	-----	10.3	FASTEST	DIR.	POSSIBLE	%			-----	-----	-----	-----	15.0
										MISC.	28	SW	22468	69%			-----	-----	-----	-----	-----

TEMPERATURE DATA		PRECIPITATION DATA		WEATHER		SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY	64.1	TOTAL FOR THE MONTH	1.27 IN.	NUMBER OF DAYS -		1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL	+1.0	DEPARTURE FROM NORMAL	-2.79 IN.	CLEAR (Scale 0-3)		2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST	88 ON 23rd	GRTST IN 24 HRS.	0.37 ON 2nd	PARTLY CLOUDY (Scale 4-7)		3 = THUNDER											
LOWEST	43 ON 19th	SNOWFALL, ICE PELLETS		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.		6 = GLAZE OR RIME											
MAX 90° OR ABOVE	0	GRTST DEPTH 07E	0 ON N/A	WITH 0.50 INCH OR MORE PRECIP.		7 = 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	30.52 IN. ON 13-Sep			8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.67 IN. ON 24-Sep			9 = BLOWING SNOW											
TOTAL THIS MONTH	81	MAXIMUM PRECIPITATION				X = TORNAO											
DEPARTURE FROM NORMAL	-36	At (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180														
SEASONAL TOTAL	93	PRECIPITATION (inches)	0.12 0.15 0.21 0.29 0.33 0.34 0.35 0.36 0.36 0.36 0.36 0.36														
DEPARTURE FROM NORMAL	-49	ENDED: DATE	2-Sep 2-Sep 2-Sep 2-Sep 2-Sep 2-Sep 2-Sep 2-Sep 2-Sep 2-Sep 2-Sep 2-Sep														
COOLING DEGREE DAYS (Base 65°)		TIME	1740E 1730E 1740E 1740E 1747E 1801E 1816E 1816E 1816E 1816E 1816E														
TOTAL THIS MONTH	58	BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL	-2	Hpc. 649 FT. MSL				1AM: 86% 1PM: 53%											
SEASONAL TOTAL	680	Avg Station Pressure:	29.406 in.			7AM: 83% 7PM: 78%											
DEPARTURE FROM NORMAL	+83	Avg Sea Level Pressure:	30.106 in.			Pk. Gust ASOS 39 SW											
		CLIMAT 74492 9958 0195 0178 15006 00321 25725 0081				PREV. WIND DIR. SSW 11%											
						STATION INDEX NO: 19-0737-02											