

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH August 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	84	66	75	3	0	10	0.00	0.0	0	7.7	14	NW	755	87			18	NW	995	17.3
2	83	61	72	0	0	7	0.00	0.0	0	7.7	13	SSE	804	93			13	S	997	13.7
3	84	66	75	3	0	10	0.00	0.0	0	11.7	18	SW	302	35			25	SW	993	20.4
4	83	66	75	3	0	10	0.00	0.0	0	6.9	14	SW	732	85			21	SW	989	21.1
5	81	58	70	-2	0	5	0.00	0.0	0	7.0	14	S	842	98			20	S	992	15.2
6	79	63	71	-1	0	6	0.00	0.0	0	5.6	11	S	282	33		2	15	S	989	23.9
7	82	66	74	2	0	9	0.34	0.0	0	12.2	24	S	367	43		3	32	S	988	26.5
8	84	67	76	4	0	11	0.44	0.0	0	11.8	23	SSW	588	69		2	30	W	983	21.9
9	82	63	73	1	0	8	0.00	0.0	0	10.9	19	W	815	96			28	W	983	14.3
10	78	59	69	-2	0	4	0.00	0.0	0	12.7	22	W	720	85			32	W	986	13.6
11	78	55	67	-4	0	2	0.00	0.0	0	10.5	20	W	734	87			28	W	991	13.7
12	82	60	71	0	0	6	0.00	0.0	0	11.5	19	W	749	89			25	SW	989	19.4
13	77	66	72	1	0	7	0.02	0.0	0	11.4	18	SW	59	7			25	WSW	986	23.0
14	75	62	69	-2	0	4	T	0.0	0	8.8	18	NE	452	54			24	NE	989	18.7
15	77	59	68	-3	0	3	0.02	0.0	0	6.6	13	E	568	68			17	E	994	20.5
16	78	61	70	-1	0	5	0.00	0.0	0	6.8	14	ENE	740	89		2	20	E	995	21.9
17	78	67	73	2	0	8	0.01	0.0	0	5.5	12	SE	99	12		2	14	SE	994	24.7
18	88	70	79	8	0	14	0.00	0.0	0	6.5	14	SSW	529	64			18	SSW	993	28.9
19	92	69	81	11	0	16	0.03	0.0	0	11.1	18	WSW	536	65		3	25	WSW	993	25.1
20	87	66	77	7	0	12	0.00	0.0	0	6.8	12	SSW	797	97			18	W	995	16.4
21	85	68	77	7	0	12	0.12	0.0	0	13.0	25	SW	287	35		3	33	SW	991	26.4
22	88	68	78	8	0	13	0.00	0.0	0	9.2	17	W	522	64		2	25	W	988	24.7
23	78	60	69	-1	0	4	0.04	0.0	0	7.3	15	N	16	2			23	N	992	16.5
24	72	55	64	-6	1	0	0.00	0.0	0	10.1	18	ENE	803	99			25	ENE	999	10.1
25	66	56	61	-8	4	0	0.00	0.0	0	11.3	20	ENE	590	73			31	ENE	1003	15.6
26	71	51	61	-8	4	0	0.00	0.0	0	8.3	17	NE	717	89			25	NE	1000	12.8
27	77	54	66	-3	0	1	0.00	0.0	0	5.8	12	SSW	530	66			18	SSW	995	15.4
28	78	59	69	0	0	4	0.66	0.0	0	7.6	15	SSE	184	23			21	SSE	985	20.2
29	83	63	73	4	0	8	0.15	0.0	0	9.5	18	WNV	614	77		2	25	WNV	987	18.8
30	84	59	72	4	0	7	0.00	0.0	0	12.3	22	SW	739	93			30	SW	993	15.9
31	79	61	70	2	0	5	0.00	0.0	0	8.4	13	W	602	76			21	W	1000	8.4
SUM	2493	1924	-----	-----	9	211	1.83	0.0	-----	282.5	-----	-----	17074	-----	-----	-----	-----	-----	-----	585.0
AVG	80.4	62.1	-----	-----	-----	-----	-----	-----	-----	9.1	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	18.9
											MISC.	33	W	27416	54%					

TEMPERATURE DATA		PRECIPITATION DATA		WEATHER		SYMBOLS USED IN COLUMN 16														
AVERAGE MONTHLY	71.3	TOTAL FOR THE MONTH	1.83 IN.	NUMBER OF DAYS -		1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS														
DEPARTURE FROM NORMAL	+0.8	DEPARTURE FROM NORMAL	-2.2 IN.	CLEAR (Scale 0-3)		2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS														
HIGHEST	92 ON 19th	GRTST IN 24 HRS.	0.81 ON 28th-29th	PARTLY CLOUDY (Scale 4-7)		3 = THUNDER														
LOWEST	51 ON 26th	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	1	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	30.36 IN. ON 25-Aug			8 = SMOKE OR HAZE														
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.65 IN. ON 8-Aug			9 = BLOWING SNOW														
TOTAL THIS MONTH	9	MAXIMUM PRECIPITATON																		
DEPARTURE FROM NORMAL	-7	At (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180			X = TORNAO														
SEASONAL TOTAL	12	PRECIPITATON (inches)	0.18 0.3 0.36 0.39 0.44 0.46 0.52 0.57 0.58 0.58 0.65 0.73																	
DEPARTURE FROM NORMAL	-13	ENDED: DATE	8-Aug 8-Aug 8-Aug 8-Aug 8-Aug 8-Aug 8-Aug 8-Aug 8-Aug 8-Aug 8-Aug 8-Aug																	
COOLING DEGREE DAYS (Base 65°)		TIME	0014E 0020E 0024E 0029E 0037E 0050E 0032E 0050E 0057E 0057E 0050E 0050E																	
TOTAL THIS MONTH	211	BAROMETRIC PRESSURE																		
DEPARTURE FROM NORMAL	+22	Hpc. 649 FT. MSL																		
SEASONAL TOTAL	619	Avg Station Pressure: 29.285 in.																		
DEPARTURE FROM NORMAL	+82	Avg Sea Level Pressure: 29.976 in.																		
											AVERAGE RELATIVE HUMIDITY									
											1AM: 86% 1PM: 57%									
											7AM: 83% 7PM: 75%									
											Pk. Gust ASOS 34 S									
											PREV. WIND DIR. W 15%									
											STATION INDEX NO: 19-0737-02									
CLIMAT											74492 9917 0151 0218 18906 00461 28524 0005									