

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH March 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	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	PELLETS OR ICE ON GROUND AT 0700E	AVERAGE SPEED (m.p.h.)	FASTEST MILE		TOTAL (Min.)	PERCENT OF POSSIBLE						
											SPEED	DIRECTION								
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	42	24	33	2	32	0	0.13	T	4	17.9	53	WNW	20	3		2	69	WNW	979	5.8
2	27	10	19	-12	46	0	T	0.1	3	25.0	43	WNW	679	100			63	WNW	989	1.0
3	45	19	32	0	33	0	0.00	0.0	2	12.3	20	W	375	55			30	W	986	2.9
4	38	22	30	-2	35	0	0.00	0.0	1	15.7	35	NW	520	76			46	NW	981	3.3
5	31	18	25	-7	40	0	0.00	0.0	1	17.3	29	NW	556	81			39	WNW	983	1.4
6	33	15	24	-8	41	0	0.00	0.0	T	11.4	25	NW	675	98			28	WNW	991	1.8
7	35	15	25	-8	40	0	0.00	0.0	T	8.5	16	NW	679	98			21	NW	1001	2.0
8	38	19	29	-4	36	0	T	T	T	7.6	14	NW	653	94			20	NW	1003	2.1
9	56	30	43	10	22	0	T	T	T	13.6	24	WNW	628	90			32	WNW	1000	3.9
10	54	32	43	10	22	0	0.00	0.0	T	9.6	23	SSW	666	95			29	SSW	1008	4.9
11	71	35	53	19	12	0	0.00	0.0	T	18.3	29	SSW	218	31			41	SSW	998	8.1
12	62	42	52	18	13	0	0.00	0.0	T	17.8	40	WNW	614	87			52	WNW	991	4.6
13	46	27	37	3	28	0	0.00	0.0	0	18.0	40	WNW	696	98			53	WNW	994	1.8
14	45	19	32	-3	33	0	0.01	0.1	0	18.1	42	NW	449	63			51	WNW	989	2.4
15	27	12	20	-15	45	0	0.00	0.0	0	18.5	33	NW	694	97			48	NW	998	1.0
16	37	13	25	-10	40	0	0.00	0.0	0	8.1	16	S	352	49			22	NNW	1000	1.6
17	52	27	40	4	25	0	0.00	0.0	0	10.8	18	S	483	67			28	S	997	4.7
18	46	34	40	4	25	0	0.80	T	0	11.9	25	NE	0	0			38	NE	990	7.8
19	39	26	33	-3	32	0	T	T	0	14.3	26	N	683	94			37	N	997	1.9
20	58	24	41	4	24	0	0.00	0.0	0	9.5	17	W	701	96			23	W	1007	2.2
21	62	39	51	14	14	0	0.00	0.0	0	8.5	16	S	704	96			22	S	1009	3.3
22	62	36	49	12	16	0	0.00	0.0	0	9.1	15	S	698	95			21	S	1005	4.2
23	65	38	52	14	13	0	0.00	0.0	0	7.5	16	S	568	77			22	ESE	1002	9.1
24	63	44	54	16	11	0	0.01	0.0	0	8.5	16	SSE	163	22			22	SSE	999	9.6
25	67	49	58	20	7	0	0.10	0.0	0	9.5	19	S	201	27			25	S	994	14.4
26	63	48	56	17	9	0	0.01	0.0	0	20.3	40	W	127	17		2	58	W	982	14.0
27	63	40	52	13	13	0	0.00	0.0	0	11.7	28	WNW	608	81			39	WNW	996	6.9
28	56	37	47	8	18	0	0.80	0.0	0	14.8	32	S	0	0		2	40	S	985	10.9
29	50	35	43	3	22	0	T	0.0	0	21.5	44	WNW	718	95			58	WNW	987	4.2
30	58	31	45	5	20	0	0.00	0.0	0	13.1	28	SSW	720	95			36	S	1004	5.0
31	66	43	55	14	10	0	0.31	0.0	0	20.0	33	S	251	33		2	41	SSW	995.1	12.4
SUM	1557	903	-----	-----	777	0	2.17	0.2	-----	428.7	-----	-----	15099	-----	-----	-----	-----	-----	-----	159.2
AVG	50.2	29.1	-----	-----	-----	-----	-----	-----	-----	13.8	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	5.1
										MISC.	53	WNW	22265	68						

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 39.7				TOTAL FOR THE MONTH 2.17 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL +4.2				DEPARTURE FROM NORMAL -3.41 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 71 ON 11th				GRTST IN 24 HRS. 0.80 ON 18th, 28th				3 = THUNDER											
LOWEST 10 ON 2nd				SNOWFALL, ICE PELLETS				4 = ICE PELLETS											
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 0.2 IN.				5 = HAIL											
MAX 32° OR BELOW 2				GRTST IN 24 HRS. 0.1 ON 18th, 28th				6 = GLAZE OR RIME											
MAX 90° OR ABOVE 0				GRTST DEPTH 07E 4 ON 1st				7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 18				PRESSURE DATA				0 REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.564 IN. ON. 21-Mar				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.359 IN. ON. 29-Mar				9 = BLOWING SNOW											
TOTAL THIS MONTH 777				MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL -139				Dt (Minutes)				5 10 15 20 30 45 60 80 100 120 150 180											
SEASONAL TOTAL 4822				PRECIPITATION (inches)				0.08 0.12 0.15 0.19 0.25 0.29 0.32 0.35 0.39 0.42 0.46 0.48											
DEPARTURE FROM NORMAL -662				ENDED: DATE				28-Mar 28-Mar 28-Mar 28-Mar 28-Mar 28-Mar 28-Mar 28-Mar 28-Mar 28-Mar 28-Mar 28-Mar											
COOLING DEGREE DAYS (Base 65°)				TIME				1334E 1334E 1339E 1343E 1343E 1347E 1347E 1401E 1424E 1443E											
TOTAL THIS MONTH 0				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL 0				Hpc. 649 FT. MSL				1AM: 65% 1PM: 44%											
SEASONAL TOTAL 0				Avg Station Pressure: 29.371 in.				7AM: 67% 7PM: 51%											
DEPARTURE FROM NORMAL 0				Avg Sea Level Pressure: 30.068 in.				Pk. Gust ASOS 69 W											
												PREV. WIND DIR. WNW 22%							
												STATION INDEX NO. 19-0736-02							
												CLIMAT 74492 9946 0189 0044 05105 00551 25228 0777							