

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH December 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 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 VAPOR 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							
										SPEED	DIRECTION									
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	44	30	37	0	28	0	0.00	0.0	0	10.2	21	W	263	47			35	W	994	4.8
2	58	35	47	10	18	0	T	0.0	0	17.4	40	WNW	106	19		1,3	56	WNW	983	8.8
3	41	28	35	-1	30	0	0.00	0.0	0	17.4	30	NW	512	92			46	NW	985	3.8
4	39	25	32	-4	33	0	0.00	0.0	0	10.1	19	SSW	233	42			25	SW	994	3.8
5	45	32	39	3	26	0	0.00	0.0	0	9.1	18	SE	460	83			25	SE	1003	3.8
6	59	37	48	13	17	0	0.34	0.0	0	22.7	42	WNW	77	14		1,2	59	WNW	986	13.0
7	40	29	35	0	30	0	T	0.0	0	13.0	31	WNW	436	79			47	WNW	994	3.5
8	34	25	30	-5	35	0	0.05	0.6	0	8.3	16	NNE	0	0		1	26	NNE	992	4.7
9	35	20	28	-6	37	0	0.05	0.6	1	8.8	21	NW	319	58		1	32	NW	996	3.1
10	43	27	35	1	30	0	0.00	0.0	1	6.6	17	SE	0	0			21	SE	998	5.1
11	62	37	50	16	15	0	0.34	0.0	0	20.2	43	SSW	0	0		1,2	57	SSW	985	12.8
12	58	36	47	13	18	0	0.05	0.0	0	18.5	43	WNW	416	76			55	WNW	991	3.5
13	50	35	43	10	22	0	0.00	0.0	0	15.7	22	WSW	224	41			32	WSW	996	3.8
14	50	33	42	9	23	0	0.00	0.0	0	11.8	21	WSW	442	81			31	WSW	1007	3.5
15	42	28	35	2	30	0	T	0.0	0	10.6	29	SSE	153	28			35	SSE	1011	4.3
16	58	42	50	18	15	0	0.21	0.0	0	18.5	29	SW	16	3			35	SW	992	10.7
17	56	39	48	16	17	0	0.00	0.0	0	17.0	30	WNW	518	95			43	WNW	990	4.2
18	39	31	35	3	30	0	0.52	0.2	0	7.7	13	ENE	0	0		1,2,4,6	21	NNW	995	5.2
19	39	20	30	-2	35	0	0.39	0.0	0	13.5	24	NNW	82	15		1,6	35	NNW	991	4.3
20	32	15	24	-7	41	0	0.00	0.0	0	10.1	22	SSW	528	97			29	SSW	1000	2.3
21	40	27	34	3	31	0	0.00	0.0	0	10.2	22	SW	371	68			31	SW	992	3.5
22	45	30	38	7	27	0	0.10	0.0	0	14.5	31	NW	38	7		1,2	47	NW	979	5.8
23	30	21	26	-5	39	0	0.00	0.0	0	13.1	23	NW	441	81			29	NW	994	2.1
24	25	20	23	-7	42	0	0.01	0.1	0	2.8	8	NW	0	0		1	14	N	994	2.8
25	34	25	30	0	35	0	0.34	0.0	T	8.5	16	NNW	0	0		1,2,6	20	NNW	979	5.6
26	37	30	34	4	31	0	0.09	T	0	13.8	24	NW	120	22		1,2,6	37	NW	984	5.4
27	33	26	30	0	35	0	T	T	0	8.2	21	NW	71	13		1	32	NW	991	3.5
28	42	30	36	7	29	0	0.06	0.1	T	9.5	24	NW	147	27		1,2,4,6	34	NW	986	5.4
29	40	32	36	7	29	0	0.01	0.1	T	3.3	7	WSW	0	0			11	WSW	990	3.3
30	39	36	38	9	27	0	0.04	0.0	0	4.4	9	SE	0	0		1,2	11	N	990	7.4
31	43	39	41	12	24	0	0.03	0.0	0	4.6	12	S	0	0		1,2	17	S	990	8.6
SUM	1332	920	-----	-----	879	0	2.63	1.7	-----	360.1	-----	-----	5973	-----	-----	-----	-----	-----	-----	162.4
AVG	43.0	29.7	-----	-----	-----	-----	-----	-----	-----	11.6	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	5.2
											MISC.	43	SSW, WNW	17037	35					

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 36.4				TOTAL FOR THE MONTH 2.63 IN.				NUMBER OF DAYS - CLEAR (Scale 0-3)				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS							
DEPARTURE FROM NORMAL +3.9				DEPARTURE FROM NORMAL -2.76 IN.				PARTLY CLOUDY (Scale 4-7)				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS							
HIGHEST 62 ON 11th				GRTST IN 24 HRS. 0.91 ON 18th-19th				CLOUDY (Scale 8-10)				3 = THUNDER							
LOWEST 15 ON 20th				SNOWFALL, ICE PELLETS				WITH 0.01 INCH OR MORE PRECIP.				4 = ICE PELLETS							
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 1.7 IN.				WITH 0.10 INCH OR MORE PRECIP.				16 = HAIL							
MAX 32° OR BELOW 3				GRTST IN 24 HRS. 1.2 ON 8th-9th				WITH 0.50 INCH OR MORE PRECIP.				7 = GLAZE OR RIME							
MAX 90° OR ABOVE 0				GRTST DEPTH 07E 1 ON 12th				WITH 1.00 INCH OR MORE PRECIP.				17 = BLOWING DUST OR BLOWING SAND							
MIN 32° OR BELOW 21				PRESSURE DATA								0 REDUCING VISIBILITY TO 1/4 MILE OR LESS							
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.685 IN. ON. 15-Dec								8 = SMOKE OR HAZE							
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.465 IN. ON. 22-Dec								9 = BLOWING SNOW							
TOTAL THIS MONTH 879				MAXIMUM PRECIPITATION								X = TORNADO							
DEPARTURE FROM NORMAL -127				Dt (Minutes)															
SEASONAL TOTAL 1886				PRECIPITATION (inches)															
DEPARTURE FROM NORMAL -324				ENDED: DATE															
COOLING DEGREE DAYS (Base 65°)				TIME															
TOTAL THIS MONTH 0				BAROMETRIC PRESSURE															
DEPARTURE FROM NORMAL 0				Hpc. 649 FT. MSL															
SEASONAL TOTAL 717				Avg Station Pressure: 29.288 in.								AVERAGE RELATIVE HUMIDITY							
DEPARTURE FROM NORMAL +40				Avg Sea Level Pressure: 30.008 in.								1AM: 75% 1PM: 64%							
												7AM: 77% 7PM: 70%							
												Pk. Gust ASOS OUT OF SERVICE							
												PREV. WIND DIR. WNW 14%							
												STATION INDEX NO. 19-0736-02							
				CLIMAT 74492 9918 0162 0024 05213 00672 05013 0879															