

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

LATITUDE 42° 13' N LONGITUDE 71° 07' W MONTH January YEAR 2022 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 OCCURANCES	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	AVERAGE SPEED (m.p.h.)	FASTEST MILE SPEED (m.p.h.)	DIRECTION	TOTAL (Min.)	PERCENT OF POSSIBLE										
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
1	51	43	47	18	18	0	0.08	0.0	0	7.3	15	SSE	0	0		1,2	21	SSE	986	11.1			
2	48	29	39	11	26	0	0.29	0.0	0	8.5	25	NW	0	0		1,2	34	NW	981	8.5			
3	29	18	24	-4	41	0	0.00	0.0	0	12.3	19	NNW	0	0			31	NNW	995	2.3			
4	30	12	21	-7	44	0	0.00	0.0	0	9.4	19	S	546	99			25	SSE	1002	1.6			
5	49	25	37	9	28	0	0.21	0.0	0	19.3	33	S	0	0		1	45	S	989	8.2			
6	40	27	34	6	31	0	0.00	0.0	0	10.5	26	WNW	316	57			36	WNW	985	4.5			
7	28	17	23	-4	42	0	0.78	15.7	10	12.7	25	WNW	0	0		1,2	39	WNW	984	2.6			
8	26	11	19	-8	46	0	0.00	0.0	9	11.8	23	WNW	556	100			34	WNW	1006	1.6			
9	41	19	30	3	35	0	0.01	T	9	20.6	39	SW	17	3		4	50	SW	995	5.9			
10	36	17	27	0	38	0	T	T	2	15.0	32	WNW	469	84			44	WNW	992	2.2			
11	17	4	11	-16	54	0	T	0.1	2	11.0	25	NW	560	100			36	NW	1004	10.0			
12	40	5	23	-4	42	0	0.00	0.0	1	15.0	29	SSW	533	95			43	SSW	996	2.7			
13	45	28	37	11	28	0	0.00	0.0	T	8.4	15	SW	332	59			22	SW	992	5.5			
14	38	12	25	-1	40	0	0.00	0.0	T	14.9	30	NNW	0	0			44	NW	984	4.0			
15	13	1	7	-19	58	0	0.00	0.0	T	17.3	26	NW	470	83			40	NW	996	0.6			
16	31	0	16	-10	49	0	0.00	0.0	T	9.5	20	ESE	488	86			29	ESE	1001	1.4			
17	46	31	39	13	26	0	1.14	0.3	T	22.7	43	ESE	119	21		1,2	64	ESE	967	7.1			
18	32	17	25	-1	40	0	0.00	0.0	0	19.0	31	WNW	446	78			46	WNW	982	2.2			
19	44	16	30	4	35	0	0.00	0.0	0	16.5	34	SSW	309	54			50	SSW	993	3.5			
20	38	16	27	1	38	0	0.17	0.6	T	10.5	21	N	58	10			34	N	995	4.2			
21	20	6	13	-13	52	0	0.00	0.0	1	10.1	21	NNW	467	81			29	NNW	1008	1.0			
22	25	9	17	-9	48	0	T	0.2	T	9.1	16	NNW	358	62		1	23	NNW	1001	2.4			
23	34	17	26	0	39	0	0.01	0.1	1	9.8	19	SSW	331	57		1	26	WSW	986	2.2			
24	29	19	24	-2	41	0	0.03	0.5	1	6.8	14	N	379	65		1	22	N	987	2.9			
25	39	23	31	5	34	0	0.03	0.3	2	10.5	16	W	129	22		1,2	27	WNW	989	4.6			
26	24	9	17	-9	48	0	0.00	0.0	T	9.6	16	NNW	582	99			25	N	1001	1.4			
27	25	3	14	-12	51	0	0.00	0.0	T	9.7	20	SW	589	100			26	SSW	1003	1.4			
28	33	21	27	1	38	0	0.05	0.5	T	7.1	19	SW	0	0		1	26	NNE	995	3.0			
29	28	7	18	-8	47	0	1.79	27.1	5	21.7	33	N	0	0		1,2,9	55	N	975	2.8			
30	21	4	13	-13	52	0	0.00	0.0	17	16.2	27	WNW	590	99			39	NW	987	1.1			
31	30	8	19	-7	46	0	0.00	0.0	15	6.4	13	NW	592	99			17	NW	1003	1.5			
SUM	1030	474	-----	-----	1255	0	4.59	45.4	-----	389.2	-----	-----	9236	-----	-----	-----	-----	-----	-----	114.0			
AVG	33.2	15.3	-----	-----	-----	-----	-----	-----	-----	12.6	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	3.7			
											MISC.	43	ESE	17666	52					64	WNW	-----	-----

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY 24.3				TOTAL FOR THE MONTH 4.59 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL -2.2				DEPARTURE FROM NORMAL +0.09 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 51 ON 1st				GRTST IN 24 HRS. 1.84 ON 28th-29th				3 = THUNDER											
LOWEST 0 ON 16th				SNOWFALL, ICE PELLETS				4 = ICE PELLETS											
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 1.7 IN.				12 5 = HAIL											
MAX 32° OR BELOW 16				GRTST IN 24 HRS. 27.6 ON 28th-29th				6 6 = GLAZE OR RIME											
MAX 90° OR ABOVE 0				GRTST DEPTH 07E 17 ON 30th				3 7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 30				PRESSURE DATA				2 REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 1				HIGHEST SEA-LEVEL 30.545 IN. ON 8-Jan				8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.663 IN. ON 17-Jan				9 = BLOWING SNOW											
TOTAL THIS MONTH 1255				MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL +62				Dt (Minutes)				80 100 120 150 180											
SEASONAL TOTAL 3141				PRECIPITATION (inches)				0.03 0.05 0.07 0.10 0.15 0.21 0.25 0.32 0.40 0.49 0.60 0.70											
DEPARTURE FROM NORMAL -262				ENDED: DATE				17-Jan 17-Jan 17-Jan 17-Jan 17-Jan 17-Jan 17-Jan 17-Jan 17-Jan 17-Jan 17-Jan 17-Jan											
COOLING DEGREE DAYS (Base 65°)				TIME				0537E 0538E 0540E 0540E 0540E 0545E 0600E 0610E 0630E 0700E 0730E 0800E											
TOTAL THIS MONTH 0				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL 0				Hpc. 649 FT. MSL				1AM: 71% 1PM: 63%											
SEASONAL TOTAL 0				Avg Station Pressure: 29.219 in.				7AM: 75% 7PM: 66%											
DEPARTURE FROM NORMAL 0				Avg Sea Level Pressure: 30.029 in.				Pk. Gust ASOS OUT OF SERVICE											
				CLIMAT 74492 9930 0175 1042 03708 01174 15423 1255				PREV. WIND DIR. NW 18% STATION INDEX NO. 19-0736-02											