

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

LATITUDE		42° 13' N		LONGITUDE		71° 07' W		GROUND ELEVATION		629 FT.		STANDARD TIME		Eastern		MONTH		February		YEAR		2019	
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)	TOTAL (Min.)	PERCENT OF POSSIBLE	AVERAGE SPEED (m.p.h.)	FASTEST MILE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HEATING	COOLING	TOTAL (Water Equivalent)		SNOWFALL, ICE PELLETS	SPEED	DIRECTION	SPEED										DIRECTION	
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	19	5	12	-14	53	0	0.00	0.0	T	13.3	22	W	570	95			29	W	1002	1.0			
2	30	7	19	-7	46	0	0.00	0.0	T	13.1	26	SW	331	55			32	WSW	995	2.0			
3	38	27	33	7	32	0	0.00	0.0	T	8.6	20	S	133	22			26	S	995	5.1			
4	59	33	46	20	19	0	0.00	0.0	0	13.7	21	S	565	93			25	SSW	993	6.8			
5	62	39	51	25	14	0	0.00	0.0	0	14.9	23	WNW	366	60			30	WNW	991	8.4			
6	39	28	34	8	31	0	0.35	T	0	9.3	20	NNW	410	67			24	NNW	1001	4.4			
7	37	31	34	7	31	0	0.35	0.0	0	10.4	20	ENE	0	0		2,6	28	ENE	996	6.5			
8	51	27	39	12	26	0	0.07	0.0	0	15.1	38	WNW	210	34		2	46	W	989	5.3			
9	32	20	26	-1	39	0	0.00	0.0	0	21.2	38	WNW	620	100			50	WNW	1005	1.6			
10	33	18	26	-1	39	0	0.00	0.0	0	11.5	18	WNW	529	85			24	WNW	1007	2.0			
11	34	21	28	1	37	0	0.00	0.0	0	8.1	18	NNW	331	53			24	NNW	1002	1.7			
12	33	13	23	-4	42	0	0.90	2.8	0	11.4	22	E	0	0		2,4	32	E	1001	3.1			
13	39	29	34	6	31	0	0.26	0.1	2	13.3	26	W	19	3		2	36	W	977	5.3			
14	37	26	32	4	33	0	0.00	0.0	1	14.5	35	WNW	614	97			44	WNW	990	2.9			
15	49	29	39	11	26	0	0.11	0.0	1	18.6	30	S	64	10		1	40	S	985	8.3			
16	44	26	35	7	30	0	0.00	0.0	0	12.0	20	NW	523	82			25	NW	986	3.2			
17	37	19	28	0	37	0	0.01	T	0	8.7	20	NNW	641	100			30	NNW	994	2.2			
18	30	16	23	-6	42	0	0.41	4.7	4	8.5	29	NW	0	0		2	35	NW	990	4.5			
19	30	10	20	-9	45	0	0.00	0.0	4	12.5	25	NW	640	99			35	NW	1007	1.5			
20	26	12	19	-10	46	0	0.12	0.3	4	7.3	13	WNW	0	0			16	WNW	1007	1.9			
21	43	21	32	3	33	0	0.33	0.7	4	12.2	31	W	306	47		2,4	36	W	988	4.9			
22	43	31	37	8	28	0	0.00	0.0	3	9.6	17	NW	523	80			22	NW	1001	3.7			
23	38	24	31	1	34	0	0.00	0.0	2	6.5	13	NNW	348	53		2	18	NNW	1006	3.3			
24	45	30	38	8	27	0	0.40	0.0	2	16.6	33	E	0	0			41	W	980	7.8			
25	37	25	31	1	34	0	0.03	T	T	31.2	54	W	378	57			66	W	978	2.9			
26	29	14	22	-8	43	0	0.00	0.0	T	22.7	34	WNW	665	100			46	WNW	998	1.1			
27	22	9	16	-15	49	0	0.10	1.2	0	8.1	25	WNW	187	28			35	WNW	1001	1.1			
28	28	15	22	-9	43	0	0.17	2.3	4	7.0	15	NW	503	75			22	NW	996	2.4			
29																							
30																							
31																							
SUM	1044	605	-----	-----	990	0	3.61	12.1	-----	359.9	-----	-----	9476	-----			-----	-----	-----	-----	-----	-----	104.9
AVG	37.3	21.6	-----	-----	-----	-----	-----	-----	-----	12.9	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	-----	-----	-----	3.7

TEMPERATURE DATA		PRECIPITATION DATA		WEATHER		SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY	26.1	TOTAL FOR THE MONTH	5.35 IN.	NUMBER OF DAYS -		1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL	+0.6	DEPARTURE FROM NORMAL	+1.00 IN.	CLEAR (Scale 0-3)		2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST	57 ON 24th	GRTST IN 24 HRS.	2.00 ON 19th-20th	PARTLY CLOUDY (Scale 4-7)		3 = THUNDER											
LOWEST	-2 ON 21st and 31st	SNOWFALL, ICE PELLETS		CLOUDY (Scale 8-10)		4 = ICE PELLETS											
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	4.7 IN.	WITH 0.01 INCH OR MORE PRECIP.		5 = HAIL											
MAX 32° OR BELOW	12	GRTST IN 24 HRS.	4.2 ON 19th-20th	WITH 0.10 INCH OR MORE PRECIP.		6 = GLAZE OR RIME											
MAX 90° OR ABOVE	0	GRTST DEPTH 07E	4 ON 19th-21st, 26	WITH 0.50 INCH OR MORE PRECIP.		7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW	31	PRESSURE DATA		WITH 1.00 INCH OR MORE PRECIP.		0 = REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW	3	HIGHEST SEA-LEVEL	30.63 IN. ON 10-Feb			8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.31 IN. ON 24-Feb			9 = BLOWING SNOW											
TOTAL THIS MONTH	1200	MAXIMUM PRECIPITATION				X = TORNADO											
DEPARTURE FROM NORMAL	-26	At (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180														
SEASONAL TOTAL	3495	PRECIPITATION (inches)	0.03 0.05 0.06 0.07 0.10 0.13 0.15 0.18 0.21 0.24 0.29 0.34														
DEPARTURE FROM NORMAL	-36	ENDED: DATE	12-Feb 12-Feb 12-Feb 12-Feb 7-Feb 7-Feb 7-Feb 12-Feb 12-Feb 12-Feb 12-Feb 12-Feb														
COOLING DEGREE DAYS (Base 65°)		TIME	2252E 2258E 2302E 2308E 0026E 0032E 0041E 2040E 2302E 2312E 2049E 2049E														
TOTAL THIS MONTH	0	BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL	0	Hpc. 649 FT. MSL				1AM: 71% 1PM: 58%											
SEASONAL TOTAL	0	Avg Station Pressure:	29.379 in.			7AM: 73% 7PM: 62%											
DEPARTURE FROM NORMAL	0	Avg Sea Level Pressure:	30.109 in.			Pk. Gust ASOS 69 WNW											
		CLIMAT	74492 9949 0196 1014 03712 00923 15821 0990			PREV. WIND DIR. WNW 22%											
						STATION INDEX NO: 19-0737-02											