

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

LATITUDE 42° 13' N LONGITUDE 71° 07' W MONTH January YEAR 2019 GROUND ELEVATION 629 FT. STANDARD TIME Eastern

DAY	TEMPERATURE (°F)						PRECIPITATION (in.)			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	DEGREE DAYS (Base 65°)		TOTAL (Water Equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT 0700E	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	54	29	42	15	23	0	0.37	0.0	0	21.2	44	W	346	63			53	W	983	8.0
2	34	24	29	2	36	0	T	T	0	8.3	16	NW	445	81			22	NW	1001	6.1
3	42	28	35	9	30	0	0.01	0.0	0	12.3	21	NW	237	43			28	WNW	988	5.5
4	43	30	37	11	28	0	0.00	0.0	0	12.5	23	SW	364	66			29	SW	988	4.9
5	41	32	37	11	28	0	1.15	T	0	10.2	17	N	0	0		6,8	26	NE	978	7.4
6	42	21	32	6	33	0	0.00	T	0	16.4	32	NW	310	56			42	NW	987	4.2
7	26	14	20	-6	45	0	0.00	0.0	T	10.9	30	NW	488	88			37	NW	1005	1.0
8	40	24	32	6	33	0	0.02	0.0	T	10.0	20	SSE	0	0		1,4	24	SSE	990	6.0
9	42	31	37	11	28	0	0.11	0.0	0	17.2	35	W	89	16			44	WNW	971	6.1
10	32	20	26	1	39	0	T	T	0	17.5	30	NW	95	17			37	NW	977	3.3
11	26	12	19	-6	46	0	0.00	0.0	0	17.4	29	WNW	381	68			36	WNW	994	1.8
12	26	9	18	-7	47	0	0.00	0.0	0	13.3	25	NW	499	89			32	NW	1006	1.3
13	25	11	18	-7	47	0	0.00	0.0	0	6.8	14	NW	473	84			18	NNW	1005	2.2
14	27	20	24	-1	41	0	0.00	0.0	0	7.7	12	NNW	124	22			20	NNE	997	2.8
15	34	18	26	1	39	0	0.00	0.0	0	9.1	15	NNW	413	73			22	NW	994	2.8
16	34	23	29	4	36	0	0.00	0.0	0	13.4	25	W	278	49			33	W	992	3.4
17	27	13	20	-5	45	0	0.00	0.0	0	8.4	24	NW	495	87			30	NNW	1002	1.4
18	40	21	31	6	34	0	0.00	0.0	0	9.0	13	W	160	28			18	WNW	994	4.6
19	31	24	28	3	37	0	0.23	1.6	0	10.7	24	E	201	35			30	E	999	3.6
20	33	3	18	-7	47	0	1.77	2.6	4	16.8	33	ENE	0	0		4,6	39	ENE	974	5.0
21	3	-2	1	-24	64	0	0.00	0.0	4	16.2	27	NW	357	62		6	32	WNW	984	1.0
22	24	0	12	-13	53	0	0.00	0.0	3	12.3	24	WNW	538	93		6	28	NW	1006	1.2
23	46	15	31	6	34	0	0.00	0.0	3	19.4	29	SSW	0	0			37	SSW	998	5.1
24	57	31	44	19	21	0	1.44	0.0	0	31.0	52	S	0	0		2	77	S	975	11.6
25	37	23	30	5	35	0	0.00	0.0	0	14.3	32	WNW	385	66			41	WNW	988	3.4
26	33	17	25	0	40	0	0.00	0.0	0	7.8	19	W	552	94			25	W	999	1.9
27	44	24	34	9	31	0	0.00	0.0	0	16.0	30	S	495	84			39	S	993	4.7
28	37	19	28	3	37	0	0.00	0.0	0	9.0	21	NW	355	60			28	NW	993	1.7
29	32	19	26	1	39	0	0.06	T	T	9.0	17	SSE	77	13		6	22	SE	992	3.6
30	36	3	20	-6	45	0	0.19	0.5	T	16.4	38	WNW	524	88			52	W	986	4.3
31	14	-2	6	-20	59	0	0.00	0.0	1	14.8	26	W	592	99			33	WNW	999	0.6
SUM	1062	554	-----	-----	1200	0	5.35	4.7	-----	415.3	-----	-----	9273	-----			-----	-----	-----	120.5
AVG	34.3	17.9	-----	-----	-----	-----	-----	-----	-----	13.4	FASTEST	DIR.	POSSIBLE	%			-----	-----	-----	3.9
										MISC.	52	S	17650	53%						

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 20th-21st	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.		3 REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW	3	HIGHEST SEA-LEVEL	30.51 IN. ON 22-Jan			8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.17 IN. ON 24-Jan			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)	0.07 0.1 0.13 0.15 0.18 0.27 0.32 0.41 0.51 0.58 0.66 0.74														
DEPARTURE FROM NORMAL	-36	ENDED: DATE	24-Jan 24-Jan 24-Jan 24-Jan 24-Jan 24-Jan 5-Jan 5-Jan 5-Jan 5-Jan 5-Jan 5-Jan														
COOLING DEGREE DAYS (Base 65°)		TIME	1812E 1550E 1555E 1558E 1609E 1558E 1659E 1720E 1738E 1749E 1749E 1749E														
TOTAL THIS MONTH	0	BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL	0	Hpc. 649 FT. MSL				1AM: 73% 1PM: 62%											
SEASONAL TOTAL	0	Avg Station Pressure: 29.279 in.				7AM: 77% 7PM: 69%											
DEPARTURE FROM NORMAL	0	Avg Sea Level Pressure: 30.008 in.				Pk. Gust ASOS 80 S											
		CLIMAT 74492 9915 1003 03908 01364 00983 15523 1200				PREV. WIND DIR. NW 19%											
						STATION INDEX NO: 19-0737-02											