

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH May YEAR 2019

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

DAY	TEMPERATURE (°F)						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	DEGREE DAYS (Base 65°)		TOTAL (Water Equivalent)	SNOWFALL, ICE PELLETS	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	57	40	49	-4	16	0	0.00	0.0	0	7.4	16	S	25	3			21	S	1005	5.7	
2	45	41	43	-10	22	0	0.02	0.0	0	7.5	15	NE	0	0		2	21	NE	999	9.3	
3	60	43	52	-1	13	0	0.07	0.0	0	5.8	17	S	0	0			23	S	995	11.2	
4	54	46	50	-4	15	0	0.05	0.0	0	4.8	12	ENE	0	0		2	14	ENE	988	11.5	
5	52	44	48	-6	17	0	0.04	0.0	0	7.6	13	NE	0	0		1	18	NE	989	10.4	
6	58	44	51	-3	14	0	0.02	0.0	0	10.5	17	NE	505	59			25	NE	993	8.6	
7	72	41	57	2	8	0	0.12	0.0	0	12.4	22	S	566	66			30	S	997	11.9	
8	67	48	58	3	7	0	0.00	0.0	0	7.6	15	NE	758	88			20	NE	1000	8.4	
9	60	43	52	-3	13	0	0.00	0.0	0	9.3	15	ENE	492	57			21	SE	1004	7.0	
10	61	46	54	-1	11	0	0.16	0.0	0	15.3	26	S	43	5			30	S	995	13.9	
11	68	50	59	3	6	0	0.00	0.0	0	10.7	19	NW	763	88			26	NW	992	7.6	
12	50	36	43	-13	22	0	0.71	T	0	5.9	19	ENE	0	0			30	ENE	993	7.4	
13	52	38	45	-11	20	0	0.91	0.0	0	13.8	25	E	113	13			35	E	989	13.8	
14	44	38	41	-16	24	0	0.34	0.0	0	8.6	18	NNE	0	0		1	26	NNE	986	8.7	
15	58	40	49	-8	16	0	0.00	0.0	0	8.5	19	WNW	587	67			28	NW	985	8.5	
16	68	46	57	0	8	0	0.00	0.0	0	6.1	13	NW	615	70			17	NW	987	10.2	
17	64	49	57	0	8	0	0.07	0.0	0	8.8	19	W	62	7			22	WNW	984	14.7	
18	72	49	61	3	4	0	0.00	0.0	0	11.1	20	SSE	811	92			26	SSE	992	8.0	
19	69	50	60	2	5	0	0.13	0.0	0	18.9	34	SSE	345	39			34	S	993	13.4	
20	85	52	69	11	0	4	0.36	0.0	0	14.8	26	SW	408	46			35	SW	984	21.2	
21	69	52	61	2	4	0	0.00	0.0	0	19.1	32	NW	843	95			40	NW	987	8.6	
22	68	49	59	0	6	0	0.00	0.0	0	12.0	23	NNW	862	97			32	NNW	998	6.8	
23	68	48	58	-1	7	0	0.25	0.0	0	17.0	30	SSW	80	9			36	SSW	993	12.6	
24	68	47	58	-1	7	0	0.02	0.0	0	16.1	35	WSW	0	0			47	NW	987	11.9	
25	75	47	61	1	4	0	0.14	0.0	0	11.0	29	SSW	617	69			M	M	996	10.7	
26	85	49	67	7	0	2	0.23	0.0	0	14.6	31	W	645	72		3	40	W	987	14.2	
27	76	57	67	7	0	2	0.00	0.0	0	8.4	18	NE	798	89			30	NE	989	14.0	
28	57	48	53	-8	12	0	0.31	0.0	0	10.5	22	E	9	1			26	E	989	10.0	
29	51	45	48	-13	17	0	0.04	0.0	0	6.6	17	NNW	0	0		1	21	NNW	985	11.0	
30	63	46	55	-6	10	0	0.36	0.0	0	6.4	19	S	0	0			23	S	985	14.1	
31	72	54	63	2	2	0	0.26	0.0	0	9.7	20	N	786	87			28	N	984	16.8	
SUM	1968	1426	-----	-----	318	8	4.61	T	-----	326.8	-----	-----	10733	-----	-----	-----	-----	-----	-----	342.1	
AVG	63.5	46.0	-----	-----	-----	-----	-----	-----	-----	10.5	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	11.0	

TEMPERATURE DATA		PRECIPITATION DATA		WEATHER		SYMBOLS USED IN COLUMN 16															
AVERAGE MONTHLY	54.8	TOTAL FOR THE MONTH	4.61 in.	NUMBER OF DAYS -		1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS															
DEPARTURE FROM NORMAL	-2.2	DEPARTURE FROM NORMAL	+0.50 in.	CLEAR (Scale 0-3)		2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS															
HIGHEST	85 ON 26th	GRTST IN 24 HRS.	1.24 ON 13th-14th	PARTLY CLOUDY (Scale 4-7)		3 = THUNDER															
LOWEST	36 ON 12th	SNOWFALL, ICE PELLETS		CLOUDY (Scale 8-10)		4 = ICE PELLETS															
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	Trace in.	WITH 0.01 INCH OR MORE PRECIP.		5 = HAIL															
MAX 32° OR BELOW	0	GRTST IN 24 HRS.	Trace ON 12th	WITH 0.10 INCH OR MORE PRECIP.		6 = GLAZE OR RIME															
MAX 90° OR ABOVE	0	GRTST DEPTH 07E	0 ON	WITH 0.50 INCH OR MORE PRECIP.		7 = BLOWING DUST OR BLOWING SAND															
MIN 32° OR BELOW	0	PRESSURE DATA		WITH 1.00 INCH OR MORE PRECIP.		8 = SMOKE OR HAZE															
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.49 in. ON 1-May			9 = BLOWING SNOW															
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.59 in. ON 24-May			X = TORNADO															
TOTAL THIS MONTH	318	MAXIMUM PRECIPITATION																			
DEPARTURE FROM NORMAL	+50	Δt (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180																		
SEASONAL TOTAL	6219	PRECIPITATION (inches)	0.15 0.21 0.21 0.21 0.26 0.34 0.41 0.50 0.57 0.58 0.61 0.63																		
DEPARTURE FROM NORMAL	-84	ENDED: DATE	10-May 20-May 20-May 31-May 26-May 26-May 26-May 31-May 31-May 31-May 31-May 31-May																		
COOLING DEGREE DAYS (Base 65°)		TIME	2233E 1726E 1726E 0017E 0047E 0037E 0047E 0017E 0034E 0034E 0034E 0034E																		
TOTAL THIS MONTH	8	BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY															
DEPARTURE FROM NORMAL	-14	Hpc. 649 FT. MSL				1AM: 85% 1PM: 61%															
SEASONAL TOTAL	8	Avg Station Pressure:	29.270 in.			7AM: 77% 7PM: 77%															
DEPARTURE FROM NORMAL	-16	Avg Sea Level Pressure:	29.973 in.			Pk. Gust ASOS 48 NW															
		CLIMAT	74492 9912 0021 0175 10818 01173 17915 0316			PREV. WIND DIR. S 13%															
						STATION INDEX NO: 19-0737-02															