

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH April YEAR 2019

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

DAY	TEMPERATURE (°F)						PRECIPITATION (in.)			WIND			SUNSHINE		SKY COVER SUNRISE TO SUNSET (Months)	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	45	29	37	-4	28	0	0.00	0.0	0	16.4	34	WNW	748	98			40	WNW	995	3.0
2	50	27	39	-2	26	0	0.08	0.0	0	10.0	24	S	605	79			29	S	1004	3.7
3	62	35	49	7	16	0	0.36	0.0	0	18.4	40	W	484	63		2	54	W	989	5.2
4	50	34	42	0	23	0	0.00	0.0	0	19.4	35	W	717	93			46	W	1001	1.9
5	47	27	37	-6	28	0	0.10	0.0	0	8.4	19	SSW	341	44			23	SSW	1007	2.6
6	64	32	48	5	17	0	0.12	0.0	0	8.8	19	W	536	69		2	24	NW	998	7.2
7	66	41	54	11	11	0	0.00	0.0	0	9.8	17	S	320	41			24	S	999	8.0
8	48	34	41	-3	24	0	0.49	0.0	0	10.0	20	NE	0	0		2	25	NE	989	8.0
9	40	32	36	-8	29	0	0.08	0.0	0	7.6	19	NE	0	0		2	23	NE	982	6.7
10	43	30	37	-7	28	0	T	T	0	13.3	26	NW	0	0			32	NW	987	5.2
11	51	29	40	-5	25	0	0.00	0.0	0	9.0	17	NW	403	51			23	NW	999	2.9
12	53	38	46	1	19	0	0.15	0.0	0	12.8	28	SSW	0	0			35	SSW	1001	9.0
13	71	54	63	17	2	0	0.38	0.0	0	15.9	31	SSW	167	21		2	38	SSW	993	15.9
14	71	51	61	15	4	0	0.15	0.0	0	9.0	19	S	224	28			25	S	988	14.1
15	67	40	54	7	11	0	0.93	0.0	0	19.4	36	WNW	168	21		2,3	46	W	973	10.2
16	58	37	48	1	17	0	0.00	0.0	0	18.9	38	W	805	100			46	W	987	3.9
17	62	36	49	2	16	0	0.00	0.0	0	10.6	20	S	807	100			26	ESE	999	4.9
18	63	39	51	3	14	0	T	0.0	0	17.5	33	S	0	0			44	S	996	6.5
19	71	58	65	17	0	0	0.03	0.0	0	25.7	42	SSW	49	6			47	SSW	988	17.5
20	68	60	64	15	1	0	0.46	0.0	0	23.9	44	SSW	0	0		2	50	SSW	989	19.0
21	68	51	60	11	5	0	0.06	0.0	0	10.1	24	S	123	15			35	S	994	14.7
22	53	45	49	0	16	0	2.60	0.0	0	12.0	23	NNE	0	0		2	35	NNE	994	12.5
23	52	44	48	-2	17	0	0.42	0.0	0	10.0	21	NNE	41	5		2	30	NNE	989	10.6
24	65	44	55	5	10	0	0.02	0.0	0	12.6	23	WNW	438	53		2	29	WNW	982	9.5
25	61	39	50	0	15	0	0.00	0.0	0	9.1	16	S	696	84			22	S	990	8.3
26	53	42	48	-3	17	0	0.84	0.0	0	13.5	25	ESE	0	0		2,3	35	ESE	984	9.8
27	54	39	47	-4	18	0	0.62	0.0	0	18.4	34	W	100	12		2,3	41	W	975	6.7
28	51	38	45	-7	20	0	0.08	0.0	0	10.3	22	W	159	19			28	W	992	7.9
29	60	34	47	-5	18	0	0.00	0.0	0	9.9	19	W	612	73			23	NW	1003	6.5
30	48	40	44	-8	21	0	0.17	0.0	0	5.9	16	NW	0	0		2	26	NW	1001	8.3
31																				
SUM	1715	1179	-----	-----	496	0	8.14	T	-----	396.6	-----	-----	8543	-----			-----	-----	-----	250.2
AVG	57.2	39.3	-----	-----	-----	-----	-----	-----	-----	13.2	FASTEST	DIR.	POSSIBLE	%			-----	-----	-----	8.3

TEMPERATURE DATA		PRECIPITATION DATA		WEATHER		SYMBOLS USED IN COLUMN 16										
AVERAGE MONTHLY	48.3	TOTAL FOR THE MONTH	8.14 IN.	NUMBER OF DAYS -		1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS										
DEPARTURE FROM NORMAL	+1.6	DEPARTURE FROM NORMAL	+3.59 IN.	CLEAR (Scale 0-3)		2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS										
HIGHEST	71 ON 13th, 14th, 19th	GRTST IN 24 HRS.	3.00 ON 22nd-23rd	PARTLY CLOUDY (Scale 4-7)		3 = THUNDER										
LOWEST	27 ON 2nd, 5th	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 10th	WITH 0.10 INCH OR MORE PRECIP.		14 = GLAZE OR RIME										
MAX 90° OR ABOVE	0	GRTST DEPTH 07E	0 ON	WITH 0.50 INCH OR MORE PRECIP.		4 = BLOWING DUST OR BLOWING SAND										
MIN 32° OR BELOW	7	PRESSURE DATA		WITH 1.00 INCH OR MORE PRECIP.		1 = REDUCING VISIBILITY TO 1/4 MILE OR LESS										
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.51 IN. ON 5-Apr			8 = SMOKE OR HAZE										
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.04 IN. ON 27-Apr			9 = BLOWING SNOW										
TOTAL THIS MONTH	496	MAXIMUM PRECIPITATION				X = TORNADO										
DEPARTURE FROM NORMAL	-55	At (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180													
SEASONAL TOTAL	5901	PRECIPITATION (inches)	0.24 0.43 0.47 0.49 0.51 0.56 0.62 0.68 0.73 0.82 1.00 1.14													
DEPARTURE FROM NORMAL	-134	ENDED: DATE	15-Apr 15-Apr 15-Apr 15-Apr 15-Apr 15-Apr 15-Apr 15-Apr 15-Apr 15-Apr 22-Apr 22-Apr 22-Apr													
COOLING DEGREE DAYS (Base 65°)		TIME	0610E 0615E 0616E 0623E 0623E 0647E 0703E 0711E 0711E 1729E 1755E 1822E													
TOTAL THIS MONTH	0	BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY										
DEPARTURE FROM NORMAL	0	Hpc. 649 FT. MSL				1AM: 83% 1PM: 57%										
SEASONAL TOTAL	0	Avg Station Pressure:	29.297 in.			7AM: 80% 7PM: 68%										
DEPARTURE FROM NORMAL	0	Avg Sea Level Pressure:	30.005 in.			Pk. Gust ASOS 58 W										
		CLIMAT 74492 9921 0161 0091 08318 02075 14214 0496				PREV. WIND DIR. S 15%										
						STATION INDEX NO: 19-0737-02										