

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH July 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 WIND 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	83	58	71	1	0	6	0.00	0.0	0	8.8	16	NW	896	98			21	NNW	988	17.3
2	82	65	74	4	0	9	0.00	0.0	0	10.2	16	W	329	36			23	W	985	16.6
3	89	67	78	7	0	13	0.00	0.0	0	7.0	12	SSW	866	95			18	S	989	18.7
4	88	68	78	7	0	13	0.00	0.0	0	7.5	13	SSW	748	82			17	SSW	996	19
5	87	69	78	7	0	13	0.00	0.0	0	9.9	16	SW	829	91			21	SW	997	20.9
6	90	71	81	10	0	16	0.83	0.0	0	11.3	21	SSW	646	71		3	26	WNW	990	25.9
7	78	64	71	0	0	6	0.00	0.0	0	8.5	21	NE	827	91			30	NE	990	16.5
8	79	59	69	-3	0	4	0.00	0.0	0	6.4	14	N	763	84			16	N	992	14.7
9	85	61	73	1	0	8	0.00	0.0	0	7.2	12	NW	871	96			18	NW	993	14.6
10	88	69	79	7	0	14	0.00	0.0	0	7.3	14	ESE	607	67			20	ESE	994	18.0
11	81	67	74	2	0	9	0.00	0.0	0	12.1	25	S	0	0		2	35	S	991	24.3
12	84	68	76	4	0	11	0.62	0.0	0	5.3	22	WNW	316	35		2	31	WNW	984	25.9
13	85	65	75	3	0	10	0.00	0.0	0	8.7	15	NW	812	90			21	W	989	19.3
14	87	68	78	6	0	13	0.00	0.0	0	9.8	19	W	702	78			25	W	990	20.4
15	82	63	73	1	0	8	0.00	0.0	0	9.4	16	WNW	791	88			24	WNW	993	20.2
16	86	65	76	4	0	11	0.00	0.0	0	8.3	16	W	682	76			23	W	994	18.8
17	90	70	80	8	0	15	1.32	0.0	0	10.9	38	W	260	29		3	44	W	990	25.5
18	72	61	67	-5	0	2	0.03	0.0	0	11.5	M	M	0	0			33	NE	991	20.1
19	89	61	75	3	0	10	0.00	0.0	0	8.0	17	WSW	580	65			24	WSW	988	23.8
20	93	75	84	12	0	19	0.00	0.0	0	9.4	14	WSW	802	90			21	WSW	986	29.1
21	92	76	84	12	0	19	0.00	0.0	0	13.3	24	W	729	82			31	W	985	23.1
22	81	64	73	1	0	8	1.22	0.0	0	11.0	26	ENE	284	32			35	ENE	988	21.5
23	66	58	62	-10	3	0	0.86	0.0	0	9.2	22	NNE	9	1		2	30	NNE	988	18.3
24	77	60	69	-3	0	4	0.01	0.0	0	5.0	10	WSW	575	65			14	NE	991	17.5
25	80	61	71	-1	0	6	0.00	0.0	0	7.4	13	SSE	732	83			17	SSE	996	17.6
26	84	62	73	1	0	8	0.00	0.0	0	6.6	14	SSE	730	83			22	SSE	1002	19.3
27	83	64	74	2	0	9	0.00	0.0	0	9.6	17	S	834	95			21	S	1001	15.4
28	89	64	77	5	0	12	0.00	0.0	0	10.9	21	WSW	710	81			25	WSW	995	22.3
29	89	71	80	8	0	15	0.01	0.0	0	8.8	14	W	804	92			23	W	992	25.1
30	93	71	82	10	0	17	0.00	0.0	0	9.2	17	S	767	88			24	S	994	25.0
31	90	68	79	7	0	14	0.55	0.0	0	9.0	30	SW	548	63		3	37	SW	994	24.2
SUM	2622	2033	-----	-----	3	322	5.45	T	-----	277.5	-----	-----	19049	-----	-----	-----	-----	-----	-----	638.9
AVG	84.6	65.6	-----	-----	-----	-----	-----	-----	-----	9.0	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	20.6
										MISC.	38	W	27759	69%						

TEMPERATURE DATA		PRECIPITATION DATA		WEATHER		SYMBOLS USED IN COLUMN 16										
AVERAGE MONTHLY	75.1	TOTAL FOR THE MONTH	5.45 IN.	NUMBER OF DAYS -		1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS										
DEPARTURE FROM NORMAL	+3.2	DEPARTURE FROM NORMAL	+1.43 IN.	CLEAR (Scale 0-3)		2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS										
HIGHEST	93 ON 20th, 30th	GRTST IN 24 HRS.	2.08 ON 22nd-23rd	PARTLY CLOUDY (Scale 4-7)		3 = THUNDER										
LOWEST	58 ON 1st, 23rd	SNOWFALL, ICE PELLETS		CLOUDY (Scale 8-10)		4 = ICE PELLETS										
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	N/A IN.	WITH 0.01 INCH OR MORE PRECIP.		5 = HAIL										
MAX 32° OR BELOW	0	GRTST IN 24 HRS.	N/A ON	WITH 0.10 INCH OR MORE PRECIP.		6 = GLAZE OR RIME										
MAX 90° OR ABOVE	6	GRTST DEPTH 07E	N/A ON	WITH 0.50 INCH OR MORE PRECIP.		6 = BLOWING DUST OR BLOWING SAND										
MIN 32° OR BELOW	0	PRESSURE DATA		WITH 1.00 INCH OR MORE PRECIP.		2 REDUCING VISIBILITY TO 1/4 MILE OR LESS										
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.32 IN. ON 27-Jul			8 = SMOKE OR HAZE										
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.69 IN. ON 12-Jul			9 = BLOWING SNOW										
TOTAL THIS MONTH	3	MAXIMUM PRECIPITATON											X = TORNAO			
DEPARTURE FROM NORMAL	-6	Δt (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180		
SEASONAL TOTAL	3	PRECIPITATON (inches)	0.41	0.54	0.54	0.59	0.93	1.15	1.17	1.17	1.18	1.26	1.26	1.31		
DEPARTURE FROM NORMAL	-6	ENDED: DATE	7-Jul	7-Jul	7-Jul	7-Jul	7-Jul	7-Jul	7-Jul	7-Jul	7-Jul	7-Jul	7-Jul	7-Jul		
COOLING DEGREE DAYS (Base 65°)		TIME	1634E	1637E	1703E	1708E	1659E	1712E	1721E	1721E	1807E	1721E	1721E	1820E		
TOTAL THIS MONTH	322	BAROMETRIC PRESSURE														
DEPARTURE FROM NORMAL	+100	Hpc. 649 FT. MSL														
SEASONAL TOTAL	411	Avg Station Pressure: 29.276 in.														
DEPARTURE FROM NORMAL	+60	Avg Sea Level Pressure: 29.964 in.														
												AVERAGE RELATIVE HUMIDITY				
												1AM: 89%		1PM: 57%		
												7AM: 76%		7PM: 72%		
												Pk. Gust ASOS 39 WNW				
												PREV. WIND DIR. W 14%				
												STATION INDEX NO: 19-0737-02				
												CLIMAT 74492 9914 0147 0239 20606 01384 31724 0003				