

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH September YEAR 2022

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

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)	
	MAXIMUM	MINIMUM	AVERAGE	HEATING	COOLING	TOTAL (Water Equivalent)	AVERAGE SPEED (m.p.h.)	FASTEST MILE	TOTAL (Min.)	PERCENT OF POSSIBLE	SPEED	DIRECTION								
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	78	59	69	0	0	4	0.00	0	0	12.1	25	WNW	757	96			36	WNW	990	12.3
2	73	53	63	-6	2	0	0.00	0	0	7.6	13	N	762	97			19	N	1002	12.1
3	80	59	70	2	0	5	0.00	0	0	8.8	18	S	673	86			23	S	1002	14.3
4	86	61	74	6	0	9	0.00	0	0	8.7	15	SW	554	71			20	SSW	997	20.1
5	75	60	68	0	0	3	0.83	0	0	8.3	16	E	0	0	1,2		20	E	997	21.2
6	63	60	62	-6	3	0	1.57	0	0	9.7	17	NE	0	0	1,2		27	NE	996	18.0
7	70	57	64	-3	1	0	T	0	0	9.5	15	NE	309	40	1		22	NE	994	18.0
8	71	56	64	-3	1	0	0.01	0	0	8.5	13	ENE	684	89	1		20	ENE	991	16.7
9	77	55	66	-1	0	1	0.00	0	0	6.3	14	WNW	513	67			19	WNW	995	16.7
10	85	61	73	7	0	8	0.00	0	0	6.6	15	NW	657	86			22	NW	999	18.0
11	76	62	69	3	0	4	0.06	0	0	7.9	14	WSW	15	2	1,2		22	WSW	996	17.3
12	74	62	68	2	0	3	0.04	0	0	4.9	10	SW	121	16	1,2		14	WSW	989	22.7
13	74	66	70	5	0	5	0.28	0	0	7.0	15	S	15	2	1,2		22	W	985	23.0
14	78	56	67	2	0	2	0.00	0	0	12.0	23	WNW	663	88			29	WNW	988	15.9
15	70	52	61	-4	4	0	0.00	0	0	12.0	20	NW	713	95			33	NW	996	7.9
16	70	47	59	-5	6	0	0.00	0	0	9.8	16	NW	568	76			24	NNW	998	9.9
17	70	47	59	-5	6	0	0.00	0	0	8.7	18	SSW	684	92			24	SSW	1000	11.1
18	81	57	69	6	0	4	0.04	0	0	12.8	21	WSW	542	73	1,2		28	WSW	992	19.3
19	66	56	61	-2	4	0	0.22	0	0	8.7	16	ENE	0	0	1,2,3		24	SW	990	17.8
20	63	56	60	-3	5	0	0.05	0	0	5.0	13	NW	0	0	1,2		19	NW	989	15.9
21	68	54	61	-1	4	0	0.03	0	0	7.2	21	SSW	190	26	1		27	SSW	989	15.9
22	68	50	59	-3	6	0	1.07	0	0	13.8	26	NW	0	0	1,2,3		36	NW	979	18.6
23	59	45	52	-10	13	0	0.00	0	0	16.9	31	NNW	705	97			48	NNW	985	16.9
24	68	42	55	-6	10	0	0.00	0	0	14.6	26	NW	681	94			37	NW	987	7.7
25	69	50	60	-1	5	0	0.01	0	0	12.0	22	SSW	144	20			28	S	983	14.1
26	73	56	65	0	0	0	0.20	0	0	13.3	26	SSW	531	74	1		35	SSW	982	15.9
27	73	53	63	3	2	0	0.00	0	0	11.0	24	SW	551	77	1		33	SW	987	12.9
28	70	50	60	1	5	0	0.00	0	0	9.0	13	WNW	606	85			22	W	994	11.6
29	65	47	56	-3	9	0	0.00	0	0	8.3	14	NNW	497	70			23	NNW	1003	10.0
30	60	44	52	-7	13	0	0.00	0	0	7.6	14	NNE	361	51			17	ENE	1002	9.6
31																				
SUM	2153	1633	-----	-----	99	48	4.41	0.0	-----	288.6	-----	-----	12496	-----	-----	-----	-----	-----	-----	461.4
AVG	71.8	54.4	-----	-----	-----	-----	-----	-----	-----	9.6	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	15.4
										MISC.	31	NNW	22443	56	-----	-----	48	NNW	-----	-----

TEMPERATURE DATA		WEATHER		SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY	63.1	TOTAL FOR THE MONTH	4.41 IN.	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL	-1.1	DEPARTURE FROM NORMAL	+0.35 IN.	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST	86 ON 4th	GRTST IN 24 HRS.	1.72 ON 5th-6th	3 = THUNDER											
LOWEST	42 ON 24th	SNOWFALL, ICE PELLETS		4 = ICE PELLETS											
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	0.0 IN.	5 = HAIL											
MAX 32° OR BELOW	0	GRTST IN 24 HRS.	0.0 ON	6 = GLAZE OR RIME											
MAX 90° OR ABOVE	0	GRTST DEPTH 07E	0 ON	7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW	0	PRESSURE DATA		8 = SMOKE OR HAZE											
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.380 IN. ON 30-Sep	9 = BLOWING SNOW											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.518 IN. ON 22-Sep	X = TORNADO											
TOTAL THIS MONTH	99	MAXIMUM PRECIPITATION		5	10	15	20	30	45	60	80	100	120	150	180
DEPARTURE FROM NORMAL	-1	PRECIPITATION (inches)		0.16	0.34	0.36	0.39	0.43	0.44	0.45	0.53	0.54	0.54	0.59	0.60
SEASONAL TOTAL	99	ENDED: DATE		22-Sep	22-Sep	22-Sep	22-Sep	22-Sep	22-Sep	22-Sep	22-Sep	22-Sep	22-Sep	22-Sep	22-Sep
DEPARTURE FROM NORMAL	-19	TIME		1215E	1215E	1225E	1230E	1230E	1230E	1230E	1230E	1230E	1230E	1300E	1410E
COOLING DEGREE DAYS (Base 65°)		BAROMETRIC PRESSURE		AVERAGE RELATIVE HUMIDITY											
TOTAL THIS MONTH	48	Hpc. 649 FT. MSL		1AM: 86% 1PM: 62%											
DEPARTURE FROM NORMAL	-26	Avg Station Pressure: 29.303 in.		7AM: 85% 7PM: 77%											
SEASONAL TOTAL	884	Avg Sea Level Pressure: 29.999 in.		Pk. Gust ASOS OUT OF SERVICE											
DEPARTURE FROM NORMAL	+214	CLIMAT 74492 9923 0159 0173 15410 01124 20820 0099		PREV. WIND DIR. W 10%											
				STATION INDEX NO: 19-0736-02											