

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH September YEAR 2024

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

DAY	TEMPERATURE °F			DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°)		PRECIPITATION (in.)		SNOW, ICE PELLETS OR ICE ON GROUND AT 0700E	WIND		SUNSHINE		SKY COVER SUNSHINE TO SUNSET (hours)	WEATHER OCCURRENCES	PEAK GUST (m.p.h.)	DIRECTION OF PEAK GUST	AVG STATION PRESSURE (in.)	AVG STATION VAPOR PRESSURE (in.)		
	MAXIMUM	MINIMUM	AVERAGE		HEATING	COOLING	TOTAL (Water Equivalent)	SNOWFALL, ICE PELLETS		AVERAGE SPEED (m.p.h.)	FASTEST MILE	TOTAL (Min.)	PERCENT OF POSSIBLE								
	1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	82	67	75	6	0	10	T	0.0	0	11.9	21	SSW	244	31			28	SSW	988	24.8	
2	79	56	68	-1	0	3	0.00	0.0	0	10.1	19	NNW	644	82			31	NNW	993	13.6	
3	74	49	62	-6	3	0	0.00	0.0	0	8.2	15	NNW	766	98			23	NW	1003	10.0	
4	80	56	68	0	0	3	0.00	0.0	0	7.0	12	S	732	94			18	ESE	1007	13.0	
5	77	58	68	0	0	3	0.00	0.0	0	9.0	17	ESE	737	95		1,2	20	ESE	1006	15.0	
6	73	58	66	-2	0	1	0.00	0.0	0	9.1	15	ENE	240	31		1,2	22	E	997	19.6	
7	77	56	67	0	0	2	0.04	0.0	0	7.3	22	WNW	301	39		1	34	WNW	988	16.2	
8	70	50	60	-7	5	0	0.00	0.0	0	12.7	25	WNW	753	98			35	W	990	9.6	
9	75	51	63	-4	2	0	0.00	0.0	0	12.1	22	W	727	95			31	WNW	994	11.9	
10	78	56	67	1	0	2	0.00	0.0	0	8.6	15	SW	717	94			21	NW	995	12.5	
11	78	53	66	0	0	1	0.00	0.0	0	7.1	14	S	714	94			20	S	998	11.3	
12	82	58	70	4	0	5	0.00	0.0	0	8.3	14	SSW	711	94			20	S	1001	15.0	
13	85	59	72	7	0	7	0.00	0.0	0	7.9	14	SSW	595	79			21	SSW	1001	17.4	
14	81	61	71	6	0	6	0.00	0.0	0	8.9	13	NE	691	92		1,2	21	ENE	1002	19.3	
15	78	60	69	4	0	4	0.00	0.0	0	6.0	12	S	598	80		1,2	23	SE	1005	15.1	
16	83	55	69	5	0	4	0.00	0.0	0	6.3	16	SSW	700	94		1,2	22	SSW	1004	14.1	
17	83	55	69	5	0	4	0.00	0.0	0	5.5	12	SW	453	61		1,2	16	SW	1000	17.8	
18	77	60	69	6	0	4	0.00	0.0	0	4.7	12	SW	163	22		1,2	15	W	996	19.4	
19	69	60	65	2	0	0	0.10	0.0	0	11.3	19	NE	0	0		1,2	30	NE	990	19.4	
20	64	58	61	-2	4	0	0.12	0.0	0	14.4	23	NE	0	0		1,2	38	NE	992	17.0	
21	58	55	57	-5	8	0	1.13	0.0	0	12.9	18	NNE	0	0		1,2	35	NNE	993	15.3	
22	63	54	59	-3	6	0	0.01	0.0	0	10.7	24	NE	190	26		1,2	35	NE	994	15.0	
23	62	52	57	-5	8	0	T	0.0	0	10.2	19	NE	58	8		1	28	ENE	996	14.7	
24	61	51	56	-5	9	0	0.01	0.0	0	10.0	17	ENE	87	12		1	25	ENE	999	13.7	
25	65	56	61	0	4	0	0.00	0.0	0	8.2	15	ESE	29	4			18	E	1000	14.8	
26	67	56	62	2	3	0	0.42	0.0	0	9.6	19	SSW	0	0		1	26	S	996	19.1	
27	77	60	69	9	0	4	0.00	0.0	0	4.8	10	WNW	450	63		1	17	W	994	18.3	
28	72	57	65	6	0	0	0.00	0.0	0	7.5	14	E	441	62		1	20	E	994	17.0	
29	64	55	60	1	5	0	0.00	0.0	0	5.2	9	NE	14	2			16	ENE	995	15.3	
30	71	54	63	4	2	0	0.00	0.0	0	5.3	11	ENE	677	96		1,2	17	ENE	995	16.5	
31																					
SUM	2205	1686			59	63	1.83	0.0		260.8			12432								471.7
AVG	73.5	56.2								8.7	FASTEST	DIR.	POSSIBLE	%							15.7
										MISC.	25	WNW	22400	56							

TEMPERATURE DATA		WEATHER		SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY	64.9	TOTAL FOR THE MONTH	1.83 IN.	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL	+0.7	DEPARTURE FROM NORMAL	-2.23 IN.	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST	85 ON 13th	GRSTST IN 24 HRS.	1.13 ON 21st	3 = THUNDER											
LOWEST	49 ON 3rd	SNOWFALL, ICE PELLETS		4 = ICE PELLETS											
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	0.0 IN.	7 = HAIL											
MAX 32° OR BELOW	0	GRSTST IN 24 HRS.	0.0 ON N/A	3 = GLAZE OR RIME											
MAX 90° OR ABOVE	0	GRSTST DEPTH 07E	0 ON N/A	17 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW	0	PRESSURE DATA		1 = REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.469 IN. ON 5-Sep	8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.802 IN. ON 7-Sep	9 = BLOWING SNOW											
TOTAL THIS MONTH	59	MAXIMUM PRECIPITATION		X = TORNADO											
DEPARTURE FROM NORMAL	-41	Dt (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180												
SEASONAL TOTAL	70	PRECIPITATION (inches)	0.05 0.07 0.09 0.10 0.14 0.18 0.19 0.23 0.25 0.30 0.31												
DEPARTURE FROM NORMAL	-48	ENDED: DATE	26-Sep 26-Sep 26-Sep 26-Sep 26-Sep 26-Sep 26-Sep 26-Sep 26-Sep 26-Sep 26-Sep												
COOLING DEGREE DAYS (Base 65°)		TIME	1916E 1916E 1922E 1916E 1928E 1943E 1957E 2012E 2038E 2051E 2051E 2102E												
TOTAL THIS MONTH	63	BAROMETRIC PRESSURE		AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL	-11	Hpc. 649 FT. MSL		1AM: 91% 1PM: 57%											
SEASONAL TOTAL	757	Avg Station Pressure:	29.433 in.	7AM: 87% 7PM: 81%											
DEPARTURE FROM NORMAL	+87	Avg Sea Level Pressure:	30.132 in.	Pk. Gust ASOS OUT OF SERVICE											
		CLIMAT	74492 9967 0204 0183 15705 00472 20720 0059	PREV. WIND DIR. NE 12%											
				STATION INDEX NO: 19-0736-02											