

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH January YEAR 2024

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 SUNSHINE 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)	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	37	25	31	2	34	0	0.00	0.0	0	4.0	11	N	296	54		15	N	993	4.2	
2	39	19	29	1	36	0	0.00	0.0	0	6.8	15	WNW	550	100		17	WNW	992	3.0	
3	42	25	34	6	31	0	0.00	0.0	0	7.5	15	NW	347	63		20	WNW	991	4.2	
4	42	21	32	4	33	0	T	T	0	10.8	24	NNW	237	43		37	NNW	990	3.5	
5	32	17	25	-3	40	0	0.00	0.0	0	13.6	26	NW	542	98		40	NW	997	2.4	
6	34	24	29	1	36	0	0.11	0.2	0	7.0	24	ESE	22	4	1	36	E	996	3.9	
7	33	21	27	0	38	0	1.56	13.0	7	15.0	24	ENE	0	0	1,2	38	ENE	982	4.9	
8	32	21	27	0	38	0	0.00	0.0	11	9.1	19	NNW	406	73		28	NW	1000	4.0	
9	40	23	32	5	33	0	0.98	T	10	12.2	33	SE	0	0	1,2,4	46	SE	999	5.1	
10	53	41	47	20	18	0	1.90	0.0	T	21.0	49	SSE	201	36	1,2	70	SSE	965	9.0	
11	43	35	39	12	26	0	0.00	0.0	0	14.0	29	WNW	162	29		45	WNW	986	4.0	
12	47	33	40	13	25	0	0.00	0.0	0	10.2	20	ESE	533	95		29	SE	995	6.1	
13	57	36	47	21	18	0	1.72	0.0	0	22.3	34	ESE	146	26	1,2,4,6	47	ESE	972	8.2	
14	39	22	31	5	34	0	0.02	0.4	0	19.0	40	W	328	58		53	WNW	987	3.3	
15	31	17	24	-2	41	0	T	T	T	8.6	20	WNW	475	84		30	WNW	997	1.9	
16	34	19	27	1	38	0	0.61	3.2	1	9.8	28	NW	0	0		36	NW	986	4.1	
17	25	13	19	-7	46	0	0.00	0.0	2	13.2	21	WNW	529	93		29	NW	987	2.1	
18	26	13	20	-6	45	0	0.00	0.0	2	11.5	19	WSW	69	12		30	WSW	994	2.3	
19	27	16	22	-4	43	0	T	T	2	8.8	20	NW	0	0		31	NW	986	2.7	
20	20	10	15	-11	50	0	0.05	0.7	1	13.2	20	NW	172	30		30	NW	986	1.9	
21	25	10	18	-8	47	0	0.00	0.0	2	14.8	23	NW	513	89		30	NW	998	1.5	
22	37	13	25	-1	40	0	0.00	0.0	1	12.7	26	SW	416	72		35	SW	1005	2.1	
23	38	30	34	8	31	0	0.07	0.5	1	8.5	23	WSW	6	1	1,2	30	WSW	1007	4.4	
24	39	29	34	8	31	0	0.40	0.7	2	8.9	19	S	0	0	1,2,6	26	S	1008	6.5	
25	50	38	44	18	21	0	0.18	0.0	T	12.8	25	SSW	88	15	1,2	35	SW	997	9.5	
26	40	35	38	12	27	0	0.69	0.0	0	8.5	16	E	0	0	1,2	23	ESE	996	7.4	
27	36	33	35	9	30	0	0.06	0.0	0	5.2	15	NNE	0	0	1,2	20	NNE	998	6.3	
28	35	31	33	7	32	0	0.70	0.6	0	10.4	23	NNE	0	0	1,2,4,6	33	NNE	989	6.4	
29	34	29	32	6	33	0	0.13	0.9	1	14.4	26	NNE	18	3	1,2	38	N	986	5.0	
30	30	21	26	0	39	0	0.06	0.4	2	8.9	18	ENE	0	0	1,6	26	ENE	999	3.8	
31	32	23	28	2	37	0	0.00	0.0	2	4.5	9	SW	0	0		14	SW	996	3.8	
SUM	1129	743	-----	-----	1071	0	9.24	20.6	-----	347.2	-----	-----	6056	-----	-----	-----	-----	-----	-----	137.5
AVG	36.4	24.0	-----	-----	-----	-----	-----	-----	-----	11.2	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	4.4
											MISC.	49	SSE	17652	34	-----	70	SSE	-----	-----

TEMPERATURE DATA		TOTAL FOR THE MONTH		WEATHER		SYMBOLS USED IN COLUMN 16													
AVERAGE MONTHLY	30.2	9.24 IN.		NUMBER OF DAYS -		1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS													
DEPARTURE FROM NORMAL	+3.7	+4.74 IN.		CLEAR (Scale 0-3)		2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS													
HIGHEST	57 ON 13th	GRTST IN 24 HRS. 2.88 ON 9th-10th		PARTLY CLOUDY (Scale 4-7)		3 = THUNDER													
LOWEST	10 ON 20th, 21st	SNOWFALL, ICE PELLETS		CLOUDY (Scale 8-10)		4 = ICE PELLETS													
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH 20.6 IN.		WITH 0.01 INCH OR MORE PRECIP.		16 5 = HAIL													
MAX 32° OR BELOW	10	GRTST IN 24 HRS. 13.2 ON 6th-7th		WITH 0.10 INCH OR MORE PRECIP.		11 6 = GLAZE OR RIME													
MAX 90° OR ABOVE	0	GRTST DEPTH 07E 11 ON 8th		WITH 0.50 INCH OR MORE PRECIP.		7 7 = BLOWING DUST OR BLOWING SAND													
MIN 32° OR BELOW	24	PRESSURE DATA		WITH 1.00 INCH OR MORE PRECIP.		3 REDUCING VISIBILITY TO 1/4 MILE OR LESS													
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL 30.611 IN. ON 24-Jan				8 = SMOKE OR HAZE													
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL 28.972 IN. ON 10-Jan				9 = BLOWING SNOW													
TOTAL THIS MONTH	1071	MAXIMUM PRECIPITATION				X = TORNADO													
DEPARTURE FROM NORMAL	-122	Dt (Minutes)																	
SEASONAL TOTAL	2966	PRECIPITATION (inches)																	
DEPARTURE FROM NORMAL	-437	ENDED: DATE																	
COOLING DEGREE DAYS (Base 65°)		TIME																	
TOTAL THIS MONTH	0	BAROMETRIC PRESSURE																	
DEPARTURE FROM NORMAL	0	Hpc. 649 FT. MSL																	
SEASONAL TOTAL	0	Avg Station Pressure: 29.294 in.																	
DEPARTURE FROM NORMAL	0	Avg Sea Level Pressure: 30.020 in.																	
CLIMAT	74492 9920	0166 1010		04415 02356		10115 1071													
														AVERAGE RELATIVE HUMIDITY		OUT OF SERVICE			
														1AM: 80%		1PM: 72%			
														7AM: 84%		7PM: 77%			
														Pk. Gust ASOS		PREV. WIND DIR. NW 18%			
														STATION INDEX NO:		19-0736-02			