

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

STATION: ST CLOUD MN  
 MONTH: JANUARY  
 YEAR: 2023  
 LATITUDE: 45 32 N  
 LONGITUDE: 94 4 W

TEMPERATURE IN F:					:PCPN:			SNOW:		WIND			:SUNSHINE:			SKY		:PK WND	
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18	
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR	
									12Z	AVG	MX	2MIN							
1	33	23	28	15	37	0	0.00	0.0	7	8.1	14	300	M	M	8	1	18	300	
2	24	20	22	9	43	0	0.00	0.0	7	3.3	9	310	M	M	10	1	12	300	
3	30	20	25	12	40	0	0.63	6.2	7	8.7	17	10	M	M	10	12	28	10	
4	30	25	28	15	37	0	0.39	7.0	11	10.7	15	20	M	M	10	1	23	30	
5	26	-3	12	-1	53	0	0.03	0.6	16	6.5	14	320	M	M	7	1	21	10	
6	18	-7	6	-6	59	0	0.00	0.0	16	2.8	8	330	M	M	0	18	11	330	
7	18	-7	6	-6	59	0	0.00	0.0	16	3.4	10	140	M	M	0	18	12	140	
8	21	-6	8	-4	57	0	0.00	0.0	16	5.0	10	140	M	M	0	18	11	140	
9	27	-3	12	0	53	0	0.00	0.0	16	4.1	9	80	M	M	6	128	13	80	
10	31	26	29	17	36	0	T	0.0	16	2.0	7	310	M	M	10	1	9	40	
11	32	25	29	17	36	0	0.04	T	14	3.7	15	320	M	M	10	168	M	M	
12	25	16	21	9	44	0	T	T	14	11.7	18	320	M	M	10		27	310	
13	16	8	12	0	53	0	T	0.2	14	5.7	14	160	M	M	10	1	17	160	
14	32	10	21	9	44	0	0.00	0.0	13	12.9	21	160	M	M	1	1	29	160	
15	38	30	34	23	31	0	0.00	0.0	13	11.5	18	160	M	M	0		26	180	
16	35	32	34	23	31	0	0.18	T	13	6.8	9	40	M	M	10	1	M	M	
17	35	31	33	22	32	0	0.02	0.1	13	9.0	14	300	M	M	10	1	20	340	
18	31	26	29	18	36	0	0.00	0.0	13	6.2	9	50	M	M	10		M	M	
19	31	27	29	18	36	0	0.16	2.3	13	9.9	16	350	M	M	10	18	24	50	
20	27	18	23	12	42	0	T	T	15	8.7	16	310	M	M	9		M	M	
21	24	19	22	11	43	0	0.00	0.0	15	6.6	12	220	M	M	10	1	15	210	
22	20	15	18	7	47	0	0.00	0.0	15	3.1	9	200	M	M	10	12	12	220	
23	33	9	21	10	44	0	0.00	0.0	13	8.0	16	270	M	M	9	1	21	250	
24	27	7	17	6	48	0	T	T	13	5.1	13	250	M	M	6	1	16	260	
25	26	8	17	6	48	0	0.01	0.7	13	9.9	18	350	M	M	7	18	27	340	
26	17	-2	8	-3	57	0	0.02	0.2	13	8.9	20	160	M	M	6	1	26	170	
27	32	2	17	5	48	0	0.12	1.3	14	15.4	35	300	M	M	5	18	43	310	
28	4	-4	0	-12	65	0	0.00	0.0	13	7.3	13	360	M	M	2		18	350	
29	3	-16	-6	-18	71	0	0.00	0.0	12	7.6	16	290	M	M	2		22	290	
30	0	-18	-9	-21	74	0	0.00	0.0	12	7.5	17	280	M	M	0		22	280	
31	6	-18	-6	-18	71	0	0.00	0.0	12	5.1	12	210	M	M	3		16	200	
SM	752	313			1475	0	1.60	18.6		225.2			M		201				
AV	24.3	10.1								7.3	FASTST		M	M	6		MAX (MPH)		
								MISC	---->	35	300						43	310	

NOTES:

# LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6) , PAGE 2

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LONGITUDE: 94 4 W

[TEMPERATURE DATA]	[PRECIPITATION DATA]	SYMBOLS USED IN COLUMN 16
AVERAGE MONTHLY: 17.2	TOTAL FOR MONTH: 1.60	1 = FOG OR MIST
DPTR FM NORMAL: 5.4	DPTR FM NORMAL: 0.93	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
HIGHEST: 38 ON 15	GRTST 24HR 0.63 ON 3- 3	3 = THUNDER
LOWEST: -18 ON 31,30	SNOW, ICE PELLETS, HAIL	4 = ICE PELLETS
	TOTAL MONTH: 18.6 INCHES	5 = HAIL
	GRTST 24HR 7.0 ON 4- 4	6 = FREEZING RAIN OR DRIZZLE
	GRTST DEPTH: 16 ON 10, 9	7 = DUSTSTORM OR SANDSTORM: VSBY 1/2 MILE OR LESS
		8 = SMOKE OR HAZE
		9 = BLOWING SNOW
		X = TORNADO
[NO. OF DAYS WITH]	[WEATHER - DAYS WITH]	
MAX 32 OR BELOW: 26	0.01 INCH OR MORE: 10	
MAX 90 OR ABOVE: 0	0.10 INCH OR MORE: 5	
MIN 32 OR BELOW: 31	0.50 INCH OR MORE: 1	
MIN 0 OR BELOW: 10	1.00 INCH OR MORE: 0	

[HDD (BASE 65) ]		
TOTAL THIS MO. 1475	CLEAR (SCALE 0-3)	8
DPTR FM NORMAL -174	PTCLDY (SCALE 4-7)	8
TOTAL FM JUL 1 4640	CLOUDY (SCALE 8-10)	15
DPTR FM NORMAL -358		

[CDD (BASE 65) ]		[PRESSURE DATA]
TOTAL THIS MO. 0		
DPTR FM NORMAL 0		
TOTAL FM JAN 1 0	HIGHEST SLP 30.57 ON 30	
DPTR FM NORMAL 0	LOWEST SLP 29.41 ON 27	

[REMARKS]

#FINAL-01-23#  
Corrected low temperature on January 11th from 27 to 25.  
The precipitation values on January 12th...13th and 30th are  
from the 8 inch diameter rain gauge at the snow observing  
site.