

Preliminary Local Climatological Data (WS Form F-6)

Station: ST CLOUD AIRPORT AND 8 AM COOP
 Month: JAN
 Year: 2002

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	Avg	Spd	Dir	Min	Ptbl	S-S	Wx	Spd	Dr	
1	13	1	7	-2	58	0	0.01	0.1	2	7.3	15	350	M	M	M	1	17	340	
2	16	-7	5	-4	60	0	0.00	0.0	2	4.3	10	220	M	M	M		12	220	
3	24	-3	11	2	54	0	0.00	0.0	2	10.7	21	180	M	M	M		25	180	
4	31	8	20	11	45	0	0.00	0.0	1	4.4	10	300	M	M	M	1	13	300	
5	33	20	27	18	38	0	0.02	0.2	2	7.6	20	300	M	M	M	1	24	310	
6	31	3	17	8	48	0	0.00	0.0	2	10.1	21	360	M	M	M	1	25	20	
7	30	0	15	6	50	0	T	T	2	8.0	17	200	M	M	M		20	210	
8	49	20	35	26	30	0	0.00	0.0	1	9.2	18	250	M	M	M		22	260	
9	46	34	40	32	25	0	0.00	0.0	T	13.3	22	290	M	M	M		26	290	
10	36	27	32	24	33	0	0.00	0.0	0	13.0	23	310	M	M	M		30	310	
11	42	23	33	25	32	0	0.00	0.0	0	9.0	17	320	M	M	M		21	320	
12	37	24	31	23	34	0	0.00	0.0	0	12.7	23	300	M	M	M		26	310	
13	33	24	29	21	36	0	0.00	0.0	0	12.1	21	60	M	M	M	1,2	28	70	
14	30	27	29	21	36	0	0.17	2.2	2	9.3	18	50	M	M	M	1	23	60	
15	28	17	23	15	42	0	T	T	2	9.0	23	310	M	M	M	1	26	300	
16	20	9	15	7	50	0	T	T	2	5.1	12	250	M	M	M	1,8	14	250	
17	20	2	11	3	54	0	0.03	0.4	2	10.5	23	310	M	M	M		26	310	
18	11	-9	1	-7	64	0	T	T	2	6.2	13	200	M	M	M	1,8	15	200	
19	31	10	21	13	44	0	T	T	1	13.0	30	250	M	M	M	1	37	240	
20	27	13	20	12	45	0	T	T	1	5.9	16	140	M	M	M		18	150	
21	28	17	23	15	42	0	0.00	0.0	1	6.6	14	160	M	M	M	8,1	16	160	
22	43	12	28	19	37	0	0.00	0.0	1	8.0	17	180	M	M	M	8	23	180	
23	28	9	19	10	46	0	0.00	0.0	T	10.3	18	310	M	M	M		20	310	
24	32	3	18	9	47	0	T	T	T	7.7	16	270	M	M	M		18	250	
25	48	21	35	26	30	0	0.00	0.0	T	9.9	18	230	M	M	M		22	210	
26	47	25	36	27	29	0	0.00	0.0	0	3.6	9	60	M	M	M		12	50	
27	31	20	26	16	39	0	0.00	0.0	0	9.4	18	350	M	M	M	1	22	360	
28	20	10	15	5	50	0	0.00	0.0	0	12.1	20	350	M	M	M		24	350	
29	17	8	13	3	52	0	0.00	0.0	0	7.2	15	30	M	M	M	1	18	20	
30	22	1	12	1	53	0	0.05	0.6	1	2.9	12	310	M	M	M		14	310	
31	27	13	20	9	45	0	0.00	0.0	T	5.4	12	20	M	M	M	8,1	15	20	
Sm	931	382			1348	0	0.28	3.5		263.8				M	M				
Av	30.0	12.3								8.5	Fastst	Ptbl	%	M			Max(mph)		
							Misc	---->		30	250							37	240

Notes:
 # Last of several occurrences
 Column 17 Peak Wind in MPH

Station: ST CLOUD AIRPORT AND 8 AM COOP
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[Temperature Data] [Precipitation Data] SYMBOLS USED IN COLUMN 16

Average Monthly: 21.2 Total for month: 0.28 1 = FOG

jan2002.txt

Wed Apr 08 15:44:56 2015

2

Dptr fm normal: 12.4 Dptr fm normal: -0.48
Highest: 49 on 8 Grtst 24 hr 0.17 on
Lowest: -9 on 18

2 = FOG REDUCING VISIBILITY
TO 1/4 MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL
6 = GLAZE OR RIME
7 = BLOWING DUST OR SAND:
VSBY 1/2 MILE OR LESS
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO

SNOW, ICE PELLETS, HAIL
Total for month 3.5 In
Grtst 24 hr 2.2 on 14
Grtst depth: 2 on 18#

[No. of days with] [Weather - days with]

Max 32 or below: 21 0.01 inch or more: 5
Max 90 or above: 0 0.10 inch or more: 1
Min 32 or below: 30 0.50 inch or more: 0
Min 0 or below: 4 1.00 inch or more: 0

[HDD (Base 65)]

Total this Mo. 1348 Clear (scale 0-3): M
Dptr fm normal -416 PtCldy (scale 4-7): M
Seasonal total 4161 Cloudy (scale 8-10): M
Dptr fm normal -1149

[CDD (Base 65)]

Total this Mo. 0
Dptr fm normal 0 [Pressure Data]
Seasonal total 0 Highest SLP: 30.64 on 2
Dptr fm normal 0 Lowest SLP: 29.48 on 9

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= LAST OF SEVERAL OCCURRENCES