

Preliminary Local Climatological Data (WS Form F-6)

Station: ST CLOUD AIRPORT AND 6 AM COOP
 Month: JAN
 Year: 2001

6 AM COOP PCPN/SNOW																		
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	8	-16	-4	-13	69	0	0.00	0.0	12	3.8	7	150	M	M	M	1	8	210
2	24	-9	8	-1	57	0	0.02	0.4	12	10.3	17	300	M	M	M	8,1	22	300
3	26	20	23	15	42	0	T	0.1	12	9.3	16	340	M	M	M		21	340
4	42	21	32	24	33	0	0.00	0.0	11	14.7	30	300	M	M	M		35	310
5	33	11	22	14	43	0	0.00	0.0	9	13.8	30	310	M	M	M		38	310
6	38	11	25	17	40	0	0.00	0.0	9	11.7	25	310	M	M	M		30	320
7	21	11	16	8	49	0	0.00	0.0	9	8.1	15	340	M	M	M		20	330
8	22	0	11	3	54	0	T	T	9	3.1	10	40	M	M	M	1	14	40
9	25	-2	12	4	53	0	0.00	0.0	9	7.5	14	190	M	M	M		16	200
10	33	17	25	17	40	0	0.00	0.0	9	7.4	16	210	M	M	M	1	18	210
11	32	17	25	17	40	0	0.00	0.0	9	3.8	8	80	M	M	M	1,2	10	80
12	32	25	29	22	36	0	0.05	0.0	9	5.1	12	250	M	M	M	1	14	250
13	31	25	28	21	37	0	T	0.0	9	9.2	16	70	M	M	M	1	22	90
14	34	30	32	25	33	0	0.08	0.8	10	9.5	16	10	M	M	M	1	20	70
15	30	14	22	15	43	0	0.03	0.3	10	12.1	18	310	M	M	M	1	22	310
16	16	8	12	5	53	0	T	0.1	10	8.4	14	320	M	M	M		17	310
17	20	-4	8	0	57	0	T	0.1	10	9.1	17	210	M	M	M	1,8	21	190
18	29	0	15	7	50	0	0.04	0.6	10	10.9	21	310	M	M	M	1	24	350
19	4	-11	-3	-11	68	0	T	T	10	6.6	14	350	M	M	M		16	350
20	11	-17	-3	-11	68	0	0.00	0.0	0	4.2	10	190	M	M	M		12	190
21	17	-5	6	-2	59	0	0.00	0.0	10	4.8	9	220	M	M	M	1	10	200
22	32	2	17	9	48	0	0.00	0.0	10	9.2	15	290	M	M	M	1,8	18	290
23	27	9	18	10	47	0	0.00	0.0	10	10.0	16	280	M	M	M	1	18	280
24	18	-3	8	0	57	0	0.00	0.0	10	9.1	18	340	M	M	M		24	340
25	21	-12	5	-3	60	0	0.00	0.0	10	10.2	18	180	M	M	M		24	170
26	25	4	15	7	50	0	0.04	0.2	10	10.0	24	350	M	M	M	1,8	30	350
27	29	-5	12	3	53	0	0.00	0.0	10	10.2	22	260	M	M	M		25	260
28	20	10	15	6	50	0	0.00	0.0	10	5.5	10	150	M	M	M	1	13	200
29	32	13	23	14	42	0	0.00	0.0	10	7.5	22	50	M	M	M	1,2	29	50
30	33	25	29	20	36	0	0.48	2.4	12	7.2	21	310	M	M	M	1,8	26	310
31	27	13	20	10	45	0	0.04	0.4	11	12.5	29	300	M	M	M	1,8	32	300
Sm	785	202			1517	0	0.78	5.4	264.7					M	M			
Av	25.3	6.5							8.5	Fastst	Ptbl	%		M		Max(mph)		
							Misc	---->	30	310						38	310	

Notes:

Last of several occurrences
 Column 17 Peak Wind in MPH

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[Temperature Data] [Precipitation Data] SYMBOLS USED IN COLUMN 16

Average Monthly: 15.9 Total for month: 0.78 1 = FOG

jan2001.txt

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Dptr fm normal:	7.8	Dptr fm normal:	0.04	2 = FOG REDUCING VISIBILITY
Highest:	42 on 4	Grkst 24 hr	0.56 on 29-30	TO 1/4 MILE OR LESS
Lowest:	-17 on 20			3 = THUNDER

SNOW, ICE PELLETS, HAIL	4 = ICE PELLETS
Total for month 5.4 In	5 = HAIL
Grkst 24 hr 2.4 on 30	6 = GLAZE OR RIME
Grkst depth: 12 on 30#	7 = BLOWING DUST OR SAND: VSBY 1/2 MILE OR LESS

[No. of days with]	[Weather - days with]
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Max 32 or below:	26	0.01 inch or more:	8
Max 90 or above:	0	0.10 inch or more:	1
Min 32 or below:	31	0.50 inch or more:	0
Min 0 or below:	12	1.00 inch or more:	0

[HDD (Base 65)]

Total this Mo.	1517	Clear (scale 0-3):	M
Dptr fm normal	-247	PtCldy (scale 4-7):	M
Seasonal total	5291	Cloudy (scale 8-10):	M
Dptr fm normal	-19		

[CDD (Base 65)]

Total this Mo.	0		
Dptr fm normal	0	[Pressure Data]	
Seasonal total	0	Highest SLP:	30.64 on 1
Dptr fm normal	0	Lowest SLP:	29.27 on 30

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= LAST OF SEVERAL OCCURRENCES