

oct2001.txt Wed Apr 08 15:45:14 2015 1

Preliminary Local Climatological Data (WS Form F-6)

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

Temperature in F :					:Pcpn			:Snow:		Wind		:Sunshine:				Sky		:Pk Wnd	
===== Columns =====																			
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	Psbl	S-S	Wx	Spd	Dr	
=====																			
1	75	44	60	8	5	0	0.00	0.0	0	3.6	12	280	M	M	M	1,2,8	14	280	
2	82	40	61	9	4	0	0.02	0.0	0	7.2	17	190	M	M	M	3	21	180	
3	64	46	55	4	10	0	0.00	0.0	0	9.1	17	330	M	M	M		23	340	
4	56	36	46	-5	19	0	0.00	0.0	0	9.8	21	290	M	M	M		25	280	
5	47	27	37	-14	28	0	0.00	0.0	0	9.1	24	300	M	M	M		29	300	
6	47	24	36	-14	29	0	0.00	0.0	0	6.2	16	310	M	M	M		20	310	
7	58	20	39	-11	26	0	0.00	0.0	0	8.6	18	190	M	M	M		23	180	
8	62	43	53	3	12	0	0.06	0.0	0	10.4	21	130	M	M	M	1	25	140	
9	62	41	52	3	13	0	0.41	0.0	0	6.8	16	160	M	M	M	1,3	20	150	
10	62	48	55	6	10	0	0.10	0.0	0	15.5	33	300	M	M	M	1	43	270	
11	65	35	50	2	15	0	0.00	0.0	0	8.6	17	190	M	M	M		22	200	
12	65	42	54	6	11	0	T	0.0	0	8.5	18	170	M	M	M		22	140	
13	52	37	45	-3	20	0	0.44	0.0	0	4.4	15	320	M	M	M	1	17	330	
14	52	39	46	-1	19	0	T	0.0	0	13.0	24	310	M	M	M		28	310	
15	48	36	42	-5	23	0	0.13	0.0	0	10.9	23	290	M	M	M	1	28	290	
16	48	27	38	-8	27	0	0.00	0.0	0	7.2	21	300	M	M	M		23	310	
17	55	25	40	-6	25	0	0.00	0.0	0	9.5	23	150	M	M	M		26	150	
18	56	32	44	-1	21	0	0.08	0.0	0	7.3	22	300	M	M	M	1	26	290	
19	63	33	48	3	17	0	0.00	0.0	0	8.0	23	260	M	M	M		28	260	
20	63	31	47	3	18	0	0.00	0.0	0	7.6	22	270	M	M	M		25	270	
21	61	28	45	1	20	0	T	0.0	0	5.0	18	250	M	M	M	1	23	230	
22	62	28	45	2	20	0	T	0.0	0	8.8	20	150	M	M	M	1	24	150	
23	64	42	53	10	12	0	T	0.0	0	8.4	16	140	M	M	M	1	20	140	
24	56	31	44	2	21	0	0.02	0.5	0	20.0	33	300	M	M	M	1	44	300	
25	38	33	36	-6	29	0	T	T	T	28.8	43	310	M	M	M	1,8	52	310	
26	40	34	37	-4	28	0	0.00	0.0	0	16.9	29	310	M	M	M		36	310	
27	44	21	33	-8	32	0	0.00	0.0	0	9.7	20	190	M	M	M		24	150	
28	63	35	49	9	16	0	0.00	0.0	0	11.9	20	190	M	M	M		24	350	
29	50	37	44	4	21	0	0.00	0.0	0	8.2	13	90	M	M	M		17	20	
30	46	37	42	3	23	0	0.02	0.0	0	9.6	18	130	M	M	M	1	23	120	
31	58	44	51	12	14	0	0.00	0.0	0	11.0	18	160	M	M	M	1	23	170	
=====																			
Sm	1783	1076			588	0	1.28	0.5		309.6				M		M			
=====																			
Av	57.5	34.7								10.0	Fastst		Psbl	%	M		Max(mph)		
							Misc	----		43	310						52	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: 46.1 Total for month: 1.28 1 = FOG

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2

Dptr fm normal: 0.2 Dptr fm normal: -0.93 2 = FOG REDUCING VISIBILITY
Highest: 82 on 2 Grtst 24 hr 0.51 on 9-10 TO 1/4 MILE OR LESS
Lowest: 20 on 7 3 = THUNDER

SNOW, ICE PELLETS, HAIL

4 = ICE PELLETS

Total for month 0.5 In

5 = HAIL

Grtst 24 hr 0.5 on 24

6 = GLAZE OR RIME

Grtst depth: 0 on -

7 = BLOWING DUST OR SAND:

VSBY 1/2 MILE OR LESS

8 = SMOKE OR HAZE

[No. of days with]

[Weather - days with]

9 = BLOWING SNOW

X = TORNADO

Max 32 or below: 0 0.01 inch or more: 9

Max 90 or above: 0 0.10 inch or more: 4

Min 32 or below: 13 0.50 inch or more: 0

Min 0 or below: 0 1.00 inch or more: 0

[HDD (Base 65)]

Total this Mo. 588 Clear (scale 0-3): M

Dptr fm normal -4 PtCldy (scale 4-7): M

Seasonal total 857 Cloudy (scale 8-10): M

Dptr fm normal -52

[CDD (Base 65)]

Total this Mo. 0

Dptr fm normal 0

[Pressure Data]

Seasonal total 614 Highest SLP: 30.66 on 29

Dptr fm normal 199 Lowest SLP: 29.24 on 24

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= LAST OF SEVERAL OCCURRENCES