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

STATION: ST CLOUD AND 7 AM COOP
MONTH: OCTOBER
YEAR: 2004
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	
										AVG MX 2MIN									
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR	
1	60	31	46	-6	19	0	0.90	0.0	0	10.4	25	320	M	M	5	13	33	320	
2	58	31	45	-6	20	0	0.00	0.0	0	9.6	21	270	M	M	0		24	270	
3	69	34	52	1	13	0	0.00	0.0	0	12.0	28	300	M	M	0		31	300	
4	49	29	39	-12	26	0	0.00	0.0	0	7.4	15	300	M	M	0		20	320	
5	72	28	50	0	15	0	0.00	0.0	0	11.1	23	210	M	M	0		26	230	
6	80	50	65	15	0	0	0.00	0.0	0	9.2	23	210	M	M	1		26	230	
7	66	53	60	10	5	0	0.06	0.0	0	7.8	18	180	M	M	8	18	22	190	
8	64	44	54	5	11	0	0.00	0.0	0	12.7	30	310	M	M	3	1	35	320	
9	67	35	51	2	14	0	0.00	0.0	0	4.3	10	160	M	M	0		13	150	
10	70	38	54	6	11	0	0.00	0.0	0	6.4	18	200	M	M	0		22	200	
11	70	40	55	7	10	0	0.00	0.0	0	4.1	14	170	M	M	0		17	150	
12	65	35	50	3	15	0	0.00	0.0	0	2.8	13	150	M	M	1	1	14	150	
13	53	40	47	0	18	0	0.01	0.0	0	12.2	23	350	M	M	9		29	350	
14	47	35	41	-5	24	0	T	0.0	0	5.1	13	20	M	M	8		16	360	
15	44	36	40	-6	25	0	0.18	0.0	0	12.1	24	300	M	M	10	1	30	300	
16	38	33	36	-10	29	0	T	0.0	0	18.9	28	310	M	M	9		33	310	
17	38	25	32	-13	33	0	0.07	T	0	3.8	17	300	M	M	7	1	21	310	
18	48	34	41	-4	24	0	T	0.0	0	8.2	15	90	M	M	7	1	20	80	
19	49	36	43	-1	22	0	0.02	0.0	0	9.0	16	170	M	M	7	128	21	120	
20	55	37	46	2	19	0	0.00	0.0	0	6.2	14	160	M	M	5	18	16	160	
21	50	43	47	4	18	0	0.00	0.0	0	11.3	21	140	M	M	10	1	24	140	
22	62	49	56	13	9	0	0.09	0.0	0	10.5	21	140	M	M	10	12	25	130	
23	64	41	53	11	12	0	0.15	0.0	0	14.4	26	290	M	M	9	13	35	280	
24	60	32	46	4	19	0	0.00	0.0	0	7.7	20	310	M	M	2	12	24	310	
25	54	37	46	5	19	0	0.00	0.0	0	6.6	25	320	M	M	4		31	320	
26	53	39	46	6	19	0	0.00	0.0	0	8.7	18	70	M	M	6		24	70	
27	47	44	46	6	19	0	0.00	0.0	0	7.1	12	130	M	M	10	1	16	100	
28	53	47	50	11	15	0	1.84	0.0	0	10.9	25	140	M	M	10	13	30	160	
29	72	49	61	22	4	0	0.07	0.0	0	8.9	18	210	M	M	7	123	24	160	
30	51	41	46	8	19	0	0.03	0.0	0	12.1	31	310	M	M	9	1	36	310	
31	43	39	41	3	24	0	0.01	0.0	0	4.5	10	190	M	M	10	1	13	150	
SM	1771	1185			530	0	3.43	T		276.0			M		167				
AV	57.1	38.2								8.9	FASTST		PSBL	%	5		MAX(MPH)		
								MISC	---->	31	310						36	310	

NOTES:

LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

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LONGITUDE: 94 4 W

[TEMPERATURE DATA]

AVERAGE MONTHLY: 47.7
DPTR FM NORMAL: 2.4
HIGHEST: 80 ON 6
LOWEST: 25 ON 17

[PRECIPITATION DATA]

TOTAL FOR MONTH: 3.43
DPTR FM NORMAL: 1.19
GRTST 24HR 1.86 ON 28-29

SNOW, ICE PELLETS, HAIL
TOTAL MONTH: T
GRTST 24HR T ON 17-17
GRTST DEPTH: 0

SYMBOLS USED IN COLUMN 16

1 = FOG
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

[NO. OF DAYS WITH]

MAX 32 OR BELOW: 0
MAX 90 OR ABOVE: 0
MIN 32 OR BELOW: 6
MIN 0 OR BELOW: 0

[WEATHER - DAYS WITH]

0.01 INCH OR MORE: 12
0.10 INCH OR MORE: 4
0.50 INCH OR MORE: 2
1.00 INCH OR MORE: 1

[HDD (BASE 65)]

TOTAL THIS MO. 530
DPTR FM NORMAL -74
SEASONAL TOTAL 797
DPTR FM NORMAL -128

CLEAR (SCALE 0-3) 11
PTCLDY (SCALE 4-7) 8
CLOUDY (SCALE 8-10) 12

[CDD (BASE 65)]

TOTAL THIS MO. 0
DPTR FM NORMAL -1
SEASONAL TOTAL 329
DPTR FM NORMAL -114

[PRESSURE DATA]

HIGHEST SLP M ON M
LOWEST SLP M ON M

[REMARKS]