

oct2003.txt

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

STATION: ST CLOUD AND 7 AM COOP  
 MONTH: OCTOBER  
 YEAR: 2003  
 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                 | 47   | 24   | 36  | -16 | 29     | 0     | 0.00 | 0.0  | 0          | 6.1         | 15     | 310 | M       | M    | M   |     | 22       | 340 |  |
| 2                 | 57   | 19   | 38  | -13 | 27     | 0     | T    | 0.0  | 0          | 6.6         | 18     | 190 | M       | M    | M   | 12  | 24       | 190 |  |
| 3                 | 58   | 40   | 49  | -2  | 16     | 0     | T    | 0.0  | 0          | 10.6        | 24     | 310 | M       | M    | M   | 8   | 30       | 320 |  |
| 4                 | 66   | 38   | 52  | 1   | 13     | 0     | 0.00 | 0.0  | 0          | 3.6         | 13     | 310 | M       | M    | M   | 128 | 17       | 340 |  |
| 5                 | 68   | 34   | 51  | 1   | 14     | 0     | 0.00 | 0.0  | 0          | 5.3         | 12     | 150 | M       | M    | M   | 12  | 15       | 150 |  |
| 6                 | 76   | 41   | 59  | 9   | 6      | 0     | 0.00 | 0.0  | 0          | 6.6         | 16     | 170 | M       | M    | M   | 12  | 20       | 170 |  |
| 7                 | 86   | 39   | 63  | 13  | 2      | 0     | 0.00 | 0.0  | 0          | 6.3         | 18     | 220 | M       | M    | M   | 12  | 21       | 210 |  |
| 8                 | 82   | 53   | 68  | 19  | 0      | 3     | 0.00 | 0.0  | 0          | 11.5        | 22     | 190 | M       | M    | M   |     | 25       | 190 |  |
| 9                 | 80   | 59   | 70  | 21  | 0      | 5     | 0.00 | 0.0  | 0          | 12.6        | 24     | 190 | M       | M    | M   |     | 30       | 190 |  |
| 10                | 73   | 57   | 65  | 17  | 0      | 0     | 0.00 | 0.0  | 0          | 14.1        | 26     | 160 | M       | M    | M   | 12  | 33       | 170 |  |
| 11                | 65   | 49   | 57  | 9   | 8      | 0     | 0.49 | 0.0  | 0          | 13.0        | 23     | 300 | M       | M    | M   | 18  | 31       | 270 |  |
| 12                | 66   | 40   | 53  | 6   | 12     | 0     | 0.00 | 0.0  | 0          | 9.8         | 18     | 200 | M       | M    | M   | 128 | 23       | 190 |  |
| 13                | 60   | 41   | 51  | 4   | 14     | 0     | 0.00 | 0.0  | 0          | 9.5         | 17     | 300 | M       | M    | M   | 8   | 22       | 270 |  |
| 14                | 59   | 37   | 48  | 2   | 17     | 0     | 0.00 | 0.0  | 0          | 7.8         | 23     | 320 | M       | M    | 1   | 12  | 28       | 310 |  |
| 15                | 53   | 30   | 42  | -4  | 23     | 0     | 0.00 | 0.0  | 0          | 9.4         | 24     | 320 | M       | M    | 2   |     | 28       | 320 |  |
| 16                | 54   | 27   | 41  | -5  | 24     | 0     | 0.00 | 0.0  | 0          | 3.1         | 15     | 310 | M       | M    | 6   | 8   | 18       | 290 |  |
| 17                | 61   | 28   | 45  | 0   | 20     | 0     | 0.00 | 0.0  | 0          | 7.7         | 20     | 200 | M       | M    | 3   |     | 24       | 170 |  |
| 18                | 75   | 38   | 57  | 12  | 8      | 0     | 0.00 | 0.0  | 0          | 3.7         | 14     | 330 | M       | M    | 0   | 128 | 21       | 340 |  |
| 19                | 78   | 36   | 57  | 13  | 8      | 0     | 0.00 | 0.0  | 0          | 4.5         | 15     | 170 | M       | M    | 0   |     | 16       | 170 |  |
| 20                | 77   | 43   | 60  | 16  | 5      | 0     | 0.00 | 0.0  | 0          | 13.4        | 32     | 300 | M       | M    | 0   |     | 38       | 310 |  |
| 21                | 54   | 38   | 46  | 3   | 19     | 0     | 0.04 | 0.0  | 0          | 5.9         | 12     | 320 | M       | M    | 5   |     | 14       | 310 |  |
| 22                | 69   | 30   | 50  | 7   | 15     | 0     | 0.00 | 0.0  | 0          | 7.0         | 24     | 310 | M       | M    | 3   |     | 31       | 340 |  |
| 23                | 54   | 33   | 44  | 2   | 21     | 0     | 0.00 | 0.0  | 0          | 6.3         | 12     | 20  | M       | M    | 1   |     | 14       | 30  |  |
| 24                | 58   | 39   | 49  | 7   | 16     | 0     | 0.07 | 0.0  | 0          | 8.7         | 21     | 280 | M       | M    | 5   |     | 26       | 300 |  |
| 25                | 45   | 31   | 38  | -3  | 27     | 0     | T    | 0.0  | 0          | 11.9        | 23     | 310 | M       | M    | 7   |     | 26       | 310 |  |
| 26                | 36   | 24   | 30  | -10 | 35     | 0     | 0.02 | T    | 0          | 4.4         | 13     | 310 | M       | M    | 7   |     | 16       | 310 |  |
| 27                | 42   | 31   | 37  | -3  | 28     | 0     | 0.14 | T    | 0          | 8.8         | 23     | 190 | M       | M    | 9   | 3   | 29       | 190 |  |
| 28                | 45   | 34   | 40  | 1   | 25     | 0     | 0.06 | T    | 0          | 16.7        | 28     | 280 | M       | M    | 10  |     | 35       | 280 |  |
| 29                | 37   | 33   | 35  | -4  | 30     | 0     | 0.04 | 0.1  | 0          | 5.5         | 13     | 310 | M       | M    | 10  |     | 15       | 90  |  |
| 30                | 39   | 34   | 37  | -1  | 28     | 0     | 0.24 | 0.0  | 0          | 7.7         | 15     | 330 | M       | M    | 10  |     | 20       | 330 |  |
| 31                | 38   | 30   | 34  | -4  | 31     | 0     | 0.00 | 0.0  | 0          | 13.7        | 23     | 300 | M       | M    | 10  |     | 26       | 300 |  |
| SM                | 1858 | 1130 |     |     | 521    | 8     | 1.10 |      | 0.1        | 261.8       |        |     | M       |      | 89  |     |          |     |  |
| AV                | 59.9 | 36.5 |     |     |        |       |      |      |            | 8.4         | FASTST |     | PSBL    | %    | 5   |     | MAX(MPH) |     |  |
|                   |      |      |     |     |        |       |      | MISC | ----       | 32          | 300    |     |         |      |     |     | 38       | 310 |  |

NOTES:

# LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

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 LATITUDE: 45 32 N

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LONGITUDE: 94 4 W

[TEMPERATURE DATA]

AVERAGE MONTHLY: 48.2  
DPTR FM NORMAL: 2.9  
HIGHEST: 86 ON 7  
LOWEST: 19 ON 2

[PRECIPITATION DATA]

TOTAL FOR MONTH: 1.10  
DPTR FM NORMAL: -1.14  
GRTST 24HR 0.49 ON 11-11  
  
SNOW, ICE PELLETS, HAIL  
TOTAL MONTH: 0.1 INCH  
GRTST 24HR 0.1 ON 29-29  
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: 10  
MIN 0 OR BELOW: 0

[WEATHER - DAYS WITH]

0.01 INCH OR MORE: 8  
0.10 INCH OR MORE: 3  
0.50 INCH OR MORE: 0  
1.00 INCH OR MORE: 0

[HDD (BASE 65) ]

TOTAL THIS MO. 521  
DPTR FM NORMAL -83  
SEASONAL TOTAL 778  
DPTR FM NORMAL -147

CLEAR (SCALE 0-3) 8  
PTCLDY (SCALE 4-7) 5  
CLOUDY (SCALE 8-10) 5

[CDD (BASE 65) ]

TOTAL THIS MO. 8  
DPTR FM NORMAL 7  
SEASONAL TOTAL 496  
DPTR FM NORMAL 53

[PRESSURE DATA]

HIGHEST SLP M ON M  
LOWEST SLP M ON M

[REMARKS]