

/data/ldad/public/localwfo/mpx/Climate/F6/STC/may2024.txt

Sat Jun 01 12:00:21 2024

1

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

STATION: ST CLOUD MN

MONTH: MAY

YEAR: 2024

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  |
|                   |      |      |     |     |        |     |       |      |      | 12Z   | AVG MX 2MIN |     |     |      |         |     |           |     |
| DY                | MAX  | MIN  | AVG | DEP | HDD    | CDD | WTR   | SNW  | DPH  | SPD   | SPD         | DIR | MIN | PSBL | S-S     | WX  | SPD       | DR  |
| 1                 | 64   | 49   | 57  | 7   | 8      | 0   | 0.00  | 0.0  | 0    | 11.5  | 24          | 260 | M   | M    | 6       |     | 34        | 250 |
| 2                 | 54   | 45   | 50  | -1  | 15     | 0   | 0.22  | 0.0  | 0    | 6.1   | 13          | 100 | M   | M    | 9       | 18  | 23        | 110 |
| 3                 | 68   | 42   | 55  | 4   | 10     | 0   | 0.01  | 0.0  | 0    | 10.3  | 20          | 230 | M   | M    | 3       |     | 29        | 230 |
| 4                 | 64   | 45   | 55  | 3   | 10     | 0   | 0.16  | 0.0  | 0    | 6.2   | 18          | 300 | M   | M    | 7       | 1   | 23        | 320 |
| 5                 | 70   | 37   | 54  | 2   | 11     | 0   | 0.00  | 0.0  | 0    | 3.5   | 12          | 150 | M   | M    | 1       |     | 15        | 250 |
| 6                 | 74   | 47   | 61  | 9   | 4      | 0   | 0.00  | 0.0  | 0    | 12.3  | 25          | 150 | M   | M    | 2       |     | 36        | 130 |
| 7                 | 69   | 53   | 61  | 8   | 4      | 0   | 0.16  | 0.0  | 0    | 10.9  | 26          | 190 | M   | M    | 8       | 13  | 39        | 150 |
| 8                 | 74   | 41   | 58  | 5   | 7      | 0   | 0.00  | 0.0  | 0    | 7.0   | 15          | 40  | M   | M    | 1       |     | 23        | 40  |
| 9                 | 68   | 44   | 56  | 2   | 9      | 0   | 0.00  | 0.0  | 0    | 7.3   | 16          | 40  | M   | M    | 0       |     | 27        | 60  |
| 10                | 75   | 38   | 57  | 3   | 8      | 0   | T     | 0.0  | 0    | 6.5   | 26          | 310 | M   | M    | 2       |     | 38        | 360 |
| 11                | 78   | 41   | 60  | 6   | 5      | 0   | 0.00  | 0.0  | 0    | 5.9   | 16          | 270 | M   | M    | 0       |     | 19        | 260 |
| 12                | 84   | 54   | 69  | 14  | 0      | 4   | 0.00  | 0.0  | 0    | 9.6   | 20          | 30  | M   | M    | 0       | 8   | 34        | 30  |
| 13                | 71   | 46   | 59  | 4   | 6      | 0   | 0.00  | 0.0  | 0    | 5.9   | 14          | 360 | M   | M    | 0       | 8   | 21        | 360 |
| 14                | 72   | 47   | 60  | 4   | 5      | 0   | 0.00  | 0.0  | 0    | 7.9   | 15          | 40  | M   | M    | 0       |     | 27        | 80  |
| 15                | 71   | 48   | 60  | 4   | 5      | 0   | 0.17  | 0.0  | 0    | 8.3   | 17          | 150 | M   | M    | 5       | 1   | 24        | 180 |
| 16                | 70   | 51   | 61  | 5   | 4      | 0   | 0.00  | 0.0  | 0    | 9.0   | 20          | 280 | M   | M    | 7       | 1   | 26        | 280 |
| 17                | 88   | 52   | 70  | 13  | 0      | 5   | 0.09  | 0.0  | 0    | 11.7  | 24          | 150 | M   | M    | 1       |     | 35        | 170 |
| 18                | 79   | 53   | 66  | 9   | 0      | 1   | T     | 0.0  | 0    | 13.7  | 25          | 290 | M   | M    | 0       | 3   | 38        | 290 |
| 19                | 74   | 42   | 58  | 0   | 7      | 0   | 0.00  | 0.0  | 0    | 7.2   | 20          | 140 | M   | M    | 2       |     | 28        | 160 |
| 20                | 74   | 55   | 65  | 7   | 0      | 0   | 0.15  | 0.0  | 0    | 3.6   | 10          | 340 | M   | M    | 7       | 1   | 15        | 340 |
| 21                | 70   | 55   | 63  | 5   | 2      | 0   | 1.10  | 0.0  | 0    | 8.9   | 22          | 310 | M   | M    | 10      | 13  | 32        | 320 |
| 22                | 72   | 49   | 61  | 3   | 4      | 0   | T     | 0.0  | 0    | 15.1  | 28          | 290 | M   | M    | 4       | 3   | 34        | 290 |
| 23                | 80   | 50   | 65  | 6   | 0      | 0   | 0.00  | 0.0  | 0    | 5.4   | 17          | 140 | M   | M    | 2       | 8   | 26        | 150 |
| 24                | 71   | 48   | 60  | 1   | 5      | 0   | 0.57  | 0.0  | 0    | 14.4  | 35          | 260 | M   | M    | 6       | 1   | 44        | 240 |
| 25                | 76   | 45   | 61  | 1   | 4      | 0   | 0.02  | 0.0  | 0    | 11.1  | 30          | 270 | M   | M    | 5       |     | 43        | 280 |
| 26                | 73   | 53   | 63  | 3   | 2      | 0   | 0.03  | 0.0  | 0    | 5.3   | 18          | 140 | M   | M    | 3       |     | 28        | 130 |
| 27                | 69   | 50   | 60  | 0   | 5      | 0   | 0.50  | 0.0  | 0    | 5.1   | 23          | 320 | M   | M    | 7       | 138 | 31        | 320 |
| 28                | 68   | 49   | 59  | -2  | 6      | 0   | 0.05  | 0.0  | 0    | 6.4   | 17          | 10  | M   | M    | 5       | 1   | 26        | 10  |
| 29                | 73   | 45   | 59  | -2  | 6      | 0   | 0.00  | 0.0  | 0    | 4.6   | 15          | 140 | M   | M    | 1       |     | 19        | 140 |
| 30                | 78   | 53   | 66  | 5   | 0      | 1   | 0.03  | 0.0  | 0    | 13.7  | 24          | 150 | M   | M    | 2       | 138 | 35        | 150 |
| 31                | 75   | 60   | 68  | 6   | 0      | 3   | 0.91  | 0.0  | 0    | 4.5   | 20          | 230 | M   | M    | 7       | 138 | 27        | 240 |
| SM                | 2246 | 1487 |     |     | 152    | 14  | 4.17  | 0.0  |      | 258.9 |             |     | M   |      | 113     |     |           |     |
| AV                | 72.5 | 48.0 |     |     |        |     |       |      |      | 8.4   | FASTST      |     | M   | M    | 4       |     | MAX (MPH) |     |
|                   |      |      |     |     |        |     | MISC  | ---- |      | 35    | 260         |     |     |      |         |     | 44        | 240 |

NOTES:

# LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6) , PAGE 2

STATION: ST CLOUD MN  
MONTH: MAY  
YEAR: 2024  
LATITUDE: 45 32 N  
LONGITUDE: 94 4 W

[TEMPERATURE DATA]

AVERAGE MONTHLY: 60.2  
DPTR FM NORMAL: 4.0  
HIGHEST: 88 ON 17  
LOWEST: 37 ON 5

[PRECIPITATION DATA]

TOTAL FOR MONTH: 4.17  
DPTR FM NORMAL: 0.51  
GRTST 24HR 1.10 ON 21-21  
  
SNOW, ICE PELLETS, HAIL  
TOTAL MONTH: 0.0 INCH  
GRTST 24HR 0.0  
GRTST DEPTH: 0

SYMBOLS USED IN COLUMN 16

1 = FOG OR MIST  
2 = FOG REDUCING VISIBILITY  
TO 1/4 MILE OR LESS  
3 = THUNDER  
4 = ICE PELLETS  
5 = HAIL  
6 = FREEZING RAIN OR DRIZZLE  
7 = DUSTSTORM OR SANDSTORM:  
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: 0  
MIN 0 OR BELOW: 0

[WEATHER - DAYS WITH]

0.01 INCH OR MORE: 15  
0.10 INCH OR MORE: 9  
0.50 INCH OR MORE: 4  
1.00 INCH OR MORE: 1

[HDD (BASE 65) ]

TOTAL THIS MO. 152  
DPTR FM NORMAL -145  
TOTAL FM JUL 1 6521  
DPTR FM NORMAL -1901

CLEAR (SCALE 0-3) 17  
PTCLDY (SCALE 4-7) 11  
CLOUDY (SCALE 8-10) 3

[CDD (BASE 65) ]

TOTAL THIS MO. 14  
DPTR FM NORMAL -10  
TOTAL FM JAN 1 14  
DPTR FM NORMAL -11

[PRESSURE DATA]

HIGHEST SLP 30.32 ON 29  
LOWEST SLP 29.32 ON 7

[REMARKS]

#FINAL-05-24#