

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

STATION: ST CLOUD MN  
 MONTH: DECEMBER  
 YEAR: 2023  
 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   | DPTH | SPD   | SPD    | DIR    | MIN | PSBL       | S-S | WX  | SPD       | DR  |         |  |
| 1                 | 37   | 10   | 24  | 1   | 41     | 0   | 0.00 | 0.0   | 0    | 0.1   | 5      | 290    | M   | M          | 0   |     | 8         | 300 |         |  |
| 2                 | 39   | 17   | 28  | 5   | 37     | 0   | 0.00 | 0.0   | 0    | 6.0   | 16     | 150    | M   | M          | 6   |     | 21        | 150 |         |  |
| 3                 | 36   | 25   | 31  | 9   | 34     | 0   | 0.00 | 0.0   | 0    | 3.5   | 8      | 110    | M   | M          | 10  | 1   | 13        | 110 |         |  |
| 4                 | 31   | 19   | 25  | 3   | 40     | 0   | 0.07 | 1.0   | 0    | 4.7   | 14     | 170    | M   | M          | 9   | 12  | 18        | 180 |         |  |
| 5                 | 34   | 17   | 26  | 4   | 39     | 0   | T    | T     | 1    | 4.7   | 13     | 290    | M   | M          | 5   | 18  | 17        | 340 |         |  |
| 6                 | 47   | 17   | 32  | 11  | 33     | 0   | 0.00 | 0.0   | T    | 5.7   | 16     | 190    | M   | M          | 1   | 18  | 20        | 180 |         |  |
| 7                 | 53   | 24   | 39  | 18  | 26     | 0   | 0.00 | 0.0   | 0    | 5.8   | 13     | 130    | M   | M          | 0   |     | 20        | 110 |         |  |
| 8                 | 47   | 31   | 39  | 19  | 26     | 0   | 0.00 | 0.0   | 0    | 10.0  | 22     | 240    | M   | M          | 7   | 1   | 32        | 250 |         |  |
| 9                 | 40   | 24   | 32  | 12  | 33     | 0   | 0.05 | 0.6   | 0    | 13.6  | 25     | 310    | M   | M          | 10  | 18  | 36        | 310 |         |  |
| 10                | 24   | 22   | 23  | 3   | 42     | 0   | 0.00 | 0.0   | 1    | 4.9   | 16     | 320    | M   | M          | 10  |     | 26        | 350 |         |  |
| 11                | 34   | 20   | 27  | 8   | 38     | 0   | 0.00 | 0.0   | 1    | 10.1  | 22     | 300    | M   | M          | 7   | 1   | 29        | 290 |         |  |
| 12                | 29   | 18   | 24  | 5   | 41     | 0   | 0.00 | 0.0   | 1    | 8.9   | 17     | 300    | M   | M          | 2   |     | 26        | 290 |         |  |
| 13                | 41   | 20   | 31  | 13  | 34     | 0   | 0.00 | 0.0   | 1    | 5.3   | 12     | 200    | M   | M          | 2   |     | 15        | 220 |         |  |
| 14                | 53   | 25   | 39  | 21  | 26     | 0   | 0.00 | 0.0   | T    | 8.4   | 12     | 210    | M   | M          | 0   |     | M         | M   |         |  |
| 15                | 44   | 37   | 41  | 23  | 24     | 0   | 0.45 | 0.0   | 0    | 4.8   | 12     | 210    | M   | M          | 10  | 1   | 16        | 200 |         |  |
| 16                | 37   | 34   | 36  | 19  | 29     | 0   | 0.35 | 1.1   | 1    | 4.1   | 9      | 80     | M   | M          | 10  | 12  | 13        | 80  |         |  |
| 17                | 38   | 27   | 33  | 16  | 32     | 0   | 0.00 | 0.0   | 1    | 12.9  | 29     | 310    | M   | M          | 8   |     | 39        | 310 |         |  |
| 18                | 27   | 12   | 20  | 3   | 45     | 0   | T    | T     | T    | 10.2  | 31     | 310    | M   | M          | 1   |     | 52        | 300 |         |  |
| 19                | 35   | 14   | 25  | 9   | 40     | 0   | 0.00 | 0.0   | 0    | 7.2   | 16     | 180    | M   | M          | 0   |     | 21        | 190 |         |  |
| 20                | 41   | 31   | 36  | 20  | 29     | 0   | 0.00 | 0.0   | 0    | 6.7   | 13     | 80     | M   | M          | 2   |     | 21        | 100 |         |  |
| 21                | 41   | 31   | 36  | 20  | 29     | 0   | 0.00 | 0.0   | 0    | 7.4   | 16     | 150    | M   | M          | 5   | 8   | 21        | 130 |         |  |
| 22                | 39   | 35   | 37  | 21  | 28     | 0   | T    | 0.0   | 0    | 2.8   | 9      | 140    | M   | M          | 10  | 128 | 12        | 130 |         |  |
| 23                | 45   | 38   | 42  | 27  | 23     | 0   | 0.02 | 0.0   | 0    | 7.3   | 15     | 130    | M   | M          | 10  | 12  | 21        | 130 |         |  |
| 24                | 52   | 38   | 45  | 30  | 20     | 0   | 1.47 | 0.0   | 0    | 11.8  | 20     | 140    | M   | M          | 10  | 1   | 29        | 150 |         |  |
| 25                | 48   | 36   | 42  | 27  | 23     | 0   | 0.70 | 0.0   | 0    | 12.9  | 22     | 40     | M   | M          | 10  | 1   | 37        | 60  |         |  |
| 26                | 44   | 33   | 39  | 24  | 26     | 0   | 0.20 | T     | 0    | 7.8   | 18     | 60     | M   | M          | 10  | 1   | 31        | 60  |         |  |
| 27                | 34   | 31   | 33  | 19  | 32     | 0   | 0.01 | T     | 0    | 3.5   | 9      | 190    | M   | M          | 10  | 1   | 13        | 200 |         |  |
| 28                | 37   | 29   | 33  | 19  | 32     | 0   | 0.00 | 0.0   | 0    | 6.7   | 13     | 340    | M   | M          | 8   |     | 20        | 350 |         |  |
| 29                | 43   | 20   | 32  | 18  | 33     | 0   | 0.00 | 0.0   | 0    | 5.0   | 13     | 280    | M   | M          | 0   |     | 17        | 280 |         |  |
| 30                | 31   | 25   | 28  | 14  | 37     | 0   | 0.02 | 0.2   | 0    | 11.0  | 21     | 300    | M   | M          | 7   | 1   | 26        | 300 |         |  |
| 31                | 29   | 22   | 26  | 12  | 39     | 0   | 0.01 | 0.2   | T    | 7.4   | 17     | 360    | M   | M          | 10  | 1   | 27        | 20  |         |  |
| SM                | 1210 | 782  |     |     | 1011   | 0   | 3.35 | 3.1   |      | 221.2 |        |        | M   |            | 190 |     |           |     |         |  |
| AV                | 39.0 | 25.2 |     |     |        |     |      |       |      | 7.1   | FASTST |        | M   | M          | 6   |     | MAX (MPH) |     |         |  |
|                   |      |      |     |     |        |     |      |       |      | MISC  | ---->  | 31 310 |     |            |     |     | 52 300    |     |         |  |

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: DECEMBER  
YEAR: 2023  
LATITUDE: 45 32 N  
LONGITUDE: 94 4 W

|                       |                          |                              |
|-----------------------|--------------------------|------------------------------|
| [TEMPERATURE DATA]    | [PRECIPITATION DATA]     | SYMBOLS USED IN COLUMN 16    |
| AVERAGE MONTHLY: 32.1 | TOTAL FOR MONTH: 3.35    | 1 = FOG OR MIST              |
| DPTR FM NORMAL: 14.3  | DPTR FM NORMAL: 2.47     | 2 = FOG REDUCING VISIBILITY  |
| HIGHEST: 53 ON 14, 7  | GRTST 24HR 1.49 ON 24-25 | TO 1/4 MILE OR LESS          |
| LOWEST: 10 ON 1       |                          | 3 = THUNDER                  |
|                       | SNOW, ICE PELLETS, HAIL  | 4 = ICE PELLETS              |
|                       | TOTAL MONTH: 3.1 INCHES  | 5 = HAIL                     |
|                       | GRTST 24HR 1.1 ON 16-16  | 6 = FREEZING RAIN OR DRIZZLE |
|                       | GRTST DEPTH: 1 ON 17,16  | 7 = DUSTSTORM OR SANDSTORM:  |
|                       |                          | VSBY 1/2 MILE OR LESS        |
| [NO. OF DAYS WITH]    | [WEATHER - DAYS WITH]    | 8 = SMOKE OR HAZE            |
| MAX 32 OR BELOW: 6    | 0.01 INCH OR MORE: 11    | 9 = BLOWING SNOW             |
| MAX 90 OR ABOVE: 0    | 0.10 INCH OR MORE: 5     | X = TORNADO                  |
| MIN 32 OR BELOW: 24   | 0.50 INCH OR MORE: 2     |                              |
| MIN 0 OR BELOW: 0     | 1.00 INCH OR MORE: 1     |                              |
| [HDD (BASE 65) ]      |                          |                              |
| TOTAL THIS MO. 1011   | CLEAR (SCALE 0-3) 10     |                              |
| DPTR FM NORMAL -452   | PTCLDY (SCALE 4-7) 8     |                              |
| TOTAL FM JUL 1 2497   | CLOUDY (SCALE 8-10) 13   |                              |
| DPTR FM NORMAL -848   |                          |                              |
| [CDD (BASE 65) ]      |                          |                              |
| TOTAL THIS MO. 0      |                          |                              |
| DPTR FM NORMAL 0      | [PRESSURE DATA]          |                              |
| TOTAL FM JAN 1 783    | HIGHEST SLP 30.59 ON 13  |                              |
| DPTR FM NORMAL 315    | LOWEST SLP 29.34 ON 8    |                              |

[REMARKS]  
#FINAL-12-23#