

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

STATION: ST CLOUD MN  
 MONTH: NOVEMBER  
 YEAR: 2019  
 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  |         |  |
| DY                | MAX  | MIN  | AVG | DEP | HDD    | CDD | WTR  | SNW   | DPTH | SPD   | SPD    | DIR      | MIN  | PSBL       | S-S | WX  | SPD       | DR  |         |  |
|                   |      |      |     |     |        |     |      |       |      | 12Z   | AVG    | MX       | 2MIN |            |     |     |           |     |         |  |
| 1                 | 40   | 29   | 35  | -4  | 30     | 0   | 0.00 | 0.0   | 0    | 8.6   | 21     | 290      | M    | M          | 10  |     | 28        | 290 |         |  |
| 2                 | 35   | 28   | 32  | -6  | 33     | 0   | T    | T     | 0    | 10.2  | 22     | 310      | M    | M          | 9   | 1   | 34        | 320 |         |  |
| 3                 | 42   | 26   | 34  | -4  | 31     | 0   | 0.00 | 0.0   | 0    | 4.6   | 14     | 150      | M    | M          | 7   |     | 17        | 150 |         |  |
| 4                 | 39   | 24   | 32  | -5  | 33     | 0   | 0.01 | T     | 0    | 13.0  | 25     | 310      | M    | M          | 9   | 1   | 31        | 310 |         |  |
| 5                 | 31   | 17   | 24  | -12 | 41     | 0   | 0.00 | 0.0   | 0    | 7.4   | 17     | 290      | M    | M          | 2   |     | 24        | 280 |         |  |
| 6                 | 27   | 13   | 20  | -16 | 45     | 0   | 0.00 | 0.0   | 0    | 7.1   | 15     | 340      | M    | M          | 2   |     | 25        | 330 |         |  |
| 7                 | 25   | 9    | 17  | -18 | 48     | 0   | 0.00 | 0.0   | 0    | 4.2   | 16     | 300      | M    | M          | 1   |     | 26        | 280 |         |  |
| 8                 | 32   | 10   | 21  | -14 | 44     | 0   | 0.00 | 0.0   | 0    | 9.1   | 18     | 170      | M    | M          | 3   |     | 25        | 160 |         |  |
| 9                 | 39   | 22   | 31  | -3  | 34     | 0   | 0.07 | 0.3   | 0    | 6.0   | 13     | 300      | M    | M          | 5   | 1   | 15        | 300 |         |  |
| 10                | 29   | 14   | 22  | -12 | 43     | 0   | T    | T     | T    | 10.6  | 18     | 340      | M    | M          | 8   | 8   | 26        | 350 |         |  |
| 11                | 16   | 2    | 9   | -24 | 56     | 0   | T    | T     | T    | 11.5  | 23     | 310      | M    | M          | 3   | 8   | 33        | 310 |         |  |
| 12                | 18   | 0    | 9   | -23 | 56     | 0   | 0.00 | 0.0   | T    | 11.7  | 24     | 170      | M    | M          | 1   |     | 32        | 180 |         |  |
| 13                | 27   | 16   | 22  | -10 | 43     | 0   | 0.03 | 0.2   | T    | 7.6   | 17     | 160      | M    | M          | 9   | 18  | 23        | 170 |         |  |
| 14                | 31   | 12   | 22  | -9  | 43     | 0   | 0.00 | 0.0   | T    | 7.6   | 16     | 240      | M    | M          | 4   |     | 21        | 230 |         |  |
| 15                | 36   | 25   | 31  | 0   | 34     | 0   | 0.00 | 0.0   | 0    | 4.9   | 12     | 90       | M    | M          | 8   |     | 17        | 70  |         |  |
| 16                | 46   | 30   | 38  | 8   | 27     | 0   | 0.07 | 0.0   | 0    | 13.1  | 25     | 160      | M    | M          | 3   | 1   | 35        | 150 |         |  |
| 17                | 37   | 30   | 34  | 4   | 31     | 0   | 0.05 | 0.0   | 0    | 8.3   | 20     | 310      | M    | M          | 10  | 1   | 23        | 300 |         |  |
| 18                | 35   | 29   | 32  | 3   | 33     | 0   | 0.08 | T     | 0    | 5.0   | 16     | 150      | M    | M          | 10  | 1   | 20        | 140 |         |  |
| 19                | 45   | 32   | 39  | 11  | 26     | 0   | 0.08 | T     | 0    | 5.0   | 15     | 310      | M    | M          | 10  | 12  | 23        | 320 |         |  |
| 20                | 45   | 33   | 39  | 11  | 26     | 0   | 0.02 | 0.0   | 0    | 5.8   | 16     | 80       | M    | M          | 9   | 1   | 26        | 70  |         |  |
| 21                | 38   | 20   | 29  | 2   | 36     | 0   | 0.24 | T     | 0    | 12.8  | 26     | 310      | M    | M          | 8   | 1   | 33        | 310 |         |  |
| 22                | 31   | 16   | 24  | -2  | 41     | 0   | 0.00 | 0.0   | 0    | 8.6   | 17     | 190      | M    | M          | 4   |     | 23        | 200 |         |  |
| 23                | 44   | 23   | 34  | 8   | 31     | 0   | 0.00 | 0.0   | 0    | 8.0   | 17     | 190      | M    | M          | 0   |     | 22        | 180 |         |  |
| 24                | 45   | 29   | 37  | 12  | 28     | 0   | 0.00 | 0.0   | 0    | 6.0   | 10     | 210      | M    | M          | 4   |     | 14        | 210 |         |  |
| 25                | 40   | 33   | 37  | 12  | 28     | 0   | 0.00 | 0.0   | 0    | 16.1  | 29     | 270      | M    | M          | 7   |     | 39        | 260 |         |  |
| 26                | 35   | 29   | 32  | 8   | 33     | 0   | 0.23 | 4.0   | 0    | 9.1   | 20     | 40       | M    | M          | 10  | 1   | 30        | 20  |         |  |
| 27                | 30   | 24   | 27  | 3   | 38     | 0   | 0.14 | 2.5   | 5    | 14.3  | 24     | 330      | M    | M          | 10  | 1   | 36        | 330 |         |  |
| 28                | 26   | 21   | 24  | 1   | 41     | 0   | 0.00 | 0.0   | 5    | 4.7   | 8      | 40       | M    | M          | 10  |     | M         | M   |         |  |
| 29                | 31   | 25   | 28  | 6   | 37     | 0   | 0.02 | 0.2   | 5    | 5.6   | 8      | 90       | M    | M          | 10  | 1   | M         | M   |         |  |
| 30                | 31   | 29   | 30  | 8   | 35     | 0   | 0.47 | 4.6   | 6    | 13.2  | 20     | 70       | M    | M          | 10  | 126 | 32        | 50  |         |  |
| SM                | 1026 | 650  |     |     | 1105   | 0   | 1.51 |       | 11.8 | 259.7 |        |          | M    |            | 196 |     |           |     |         |  |
| AV                | 34.2 | 21.7 |     |     |        |     |      |       |      | 8.7   | FASTST |          | M    | M          | 7   |     | MAX (MPH) |     |         |  |
|                   |      |      |     |     |        |     |      |       |      | MISC  | ---->  | # 29 270 |      |            |     |     | # 39 260  |     |         |  |

NOTES:  
 # LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

STATION: ST CLOUD MN  
 MONTH: NOVEMBER  
 YEAR: 2019  
 LATITUDE: 45 32 N  
 LONGITUDE: 94 4 W

[TEMPERATURE DATA]

AVERAGE MONTHLY: 27.9  
DPTR FM NORMAL: -2.5  
HIGHEST: 46 ON 16  
LOWEST: 0 ON 12

[PRECIPITATION DATA]

TOTAL FOR MONTH: 1.51  
DPTR FM NORMAL: 0.13  
GRTST 24HR 0.47 ON 30-30  
SNOW, ICE PELLETS, HAIL  
TOTAL MONTH: 11.8 INCHES  
GRTST 24HR 4.6 ON 30-30  
GRTST DEPTH: 6 ON 30

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: 14  
MAX 90 OR ABOVE: 0  
MIN 32 OR BELOW: 28  
MIN 0 OR BELOW: 1

[WEATHER - DAYS WITH]

0.01 INCH OR MORE: 13  
0.10 INCH OR MORE: 4  
0.50 INCH OR MORE: 0  
1.00 INCH OR MORE: 0

[HDD (BASE 65) ]

TOTAL THIS MO. 1105  
DPTR FM NORMAL 65  
TOTAL FM JUL 1 1956  
DPTR FM NORMAL 31

CLEAR (SCALE 0-3) 8  
PTCLDY (SCALE 4-7) 9  
CLOUDY (SCALE 8-10) 13

[CDD (BASE 65) ]

TOTAL THIS MO. 0  
DPTR FM NORMAL 0  
TOTAL FM JAN 1 452  
DPTR FM NORMAL -13

[PRESSURE DATA]

HIGHEST SLP 30.71 ON 11  
LOWEST SLP 29.41 ON 25

[REMARKS]