

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

STATION: TWIN CITIES MN
 MONTH: OCTOBER
 YEAR: 2023
 LATITUDE: 44 52 N
 LONGITUDE: 93 13 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 | 92 | 69 | 81 | 24 | 0 | 16 | 0.00 | 0.0 | 0 | 9.3 | 21 | 180 | M | M | 2 | | 30 | 200 |
| 2 | 89 | 67 | 78 | 22 | 0 | 13 | 0.00 | 0.0 | 0 | 9.5 | 21 | 190 | M | M | 2 | | 31 | 190 |
| 3 | 87 | 66 | 77 | 21 | 0 | 12 | 0.13 | 0.0 | 0 | 13.2 | 35 | 180 | M | M | 5 | | 49 | 200 |
| 4 | 66 | 56 | 61 | 6 | 4 | 0 | T | 0.0 | 0 | 10.5 | 18 | 280 | M | M | 7 | | 31 | 230 |
| 5 | 65 | 52 | 59 | 4 | 6 | 0 | 0.02 | 0.0 | 0 | 13.8 | 30 | 280 | M | M | 5 | | 43 | 290 |
| 6 | 57 | 44 | 51 | -3 | 14 | 0 | 0.07 | 0.0 | 0 | 15.1 | 30 | 320 | M | M | 7 | 1 | 41 | 300 |
| 7 | 54 | 43 | 49 | -5 | 16 | 0 | 0.00 | 0.0 | 0 | 7.1 | 17 | 320 | M | M | 8 | | 26 | 350 |
| 8 | 60 | 46 | 53 | 0 | 12 | 0 | 0.00 | 0.0 | 0 | 7.7 | 16 | 30 | M | M | 7 | | 30 | 40 |
| 9 | 56 | 38 | 47 | -6 | 18 | 0 | 0.00 | 0.0 | 0 | 8.9 | 21 | 310 | M | M | 1 | | 28 | 320 |
| 10 | 58 | 38 | 48 | -4 | 17 | 0 | 0.00 | 0.0 | 0 | 5.3 | 17 | 320 | M | M | 1 | | 24 | 330 |
| 11 | 62 | 38 | 50 | -2 | 15 | 0 | 0.00 | 0.0 | 0 | 5.8 | 15 | 80 | M | M | 1 | 1 | 31 | 100 |
| 12 | 55 | 44 | 50 | -1 | 15 | 0 | 0.33 | 0.0 | 0 | 15.1 | 24 | 100 | M | M | 7 | 1 | 42 | 80 |
| 13 | 50 | 46 | 48 | -3 | 17 | 0 | 1.61 | 0.0 | 0 | 17.0 | 24 | 40 | M | M | 10 | 1 | 38 | 60 |
| 14 | 56 | 46 | 51 | 1 | 14 | 0 | T | 0.0 | 0 | 11.2 | 18 | 30 | M | M | 9 | 1 | 34 | 20 |
| 15 | 57 | 42 | 50 | 0 | 15 | 0 | T | 0.0 | 0 | 9.3 | 18 | 310 | M | M | 5 | | 23 | 320 |
| 16 | 61 | 38 | 50 | 0 | 15 | 0 | 0.00 | 0.0 | 0 | 3.6 | 10 | 320 | M | M | 2 | 1 | 18 | 350 |
| 17 | 64 | 41 | 53 | 4 | 12 | 0 | 0.00 | 0.0 | 0 | 4.0 | 9 | 140 | M | M | 4 | 1 | 13 | 200 |
| 18 | 59 | 51 | 55 | 7 | 10 | 0 | T | 0.0 | 0 | 6.7 | 17 | 180 | M | M | 6 | | 22 | 170 |
| 19 | 61 | 47 | 54 | 6 | 11 | 0 | 0.05 | 0.0 | 0 | 7.5 | 18 | 330 | M | M | 8 | 1 | 25 | 340 |
| 20 | 69 | 42 | 56 | 8 | 9 | 0 | 0.00 | 0.0 | 0 | 4.7 | 10 | 240 | M | M | 2 | 1 | 18 | 250 |
| 21 | 60 | 45 | 53 | 6 | 12 | 0 | 0.00 | 0.0 | 0 | 13.3 | 25 | 320 | M | M | 3 | | 37 | 330 |
| 22 | 60 | 40 | 50 | 3 | 15 | 0 | T | 0.0 | 0 | 4.9 | 12 | 130 | M | M | 4 | 12 | 17 | 140 |
| 23 | 64 | 49 | 57 | 11 | 8 | 0 | 0.01 | 0.0 | 0 | 8.7 | 16 | 150 | M | M | 7 | | 22 | 160 |
| 24 | 56 | 52 | 54 | 8 | 11 | 0 | 1.34 | 0.0 | 0 | 5.9 | 21 | 40 | M | M | 10 | 13 | 28 | 50 |
| 25 | 56 | 51 | 54 | 9 | 11 | 0 | 0.02 | 0.0 | 0 | 8.1 | 14 | 350 | M | M | 10 | 1 | 27 | 320 |
| 26 | 60 | 53 | 57 | 12 | 8 | 0 | 0.74 | 0.0 | 0 | 5.5 | 12 | 330 | M | M | 10 | 12 | 20 | 330 |
| 27 | 53 | 32 | 43 | -1 | 22 | 0 | T | 0.0 | 0 | 15.4 | 26 | 290 | M | M | 10 | 1 | 40 | 280 |
| 28 | 34 | 29 | 32 | -12 | 33 | 0 | T | T | 0 | 7.6 | 15 | 310 | M | M | 10 | | 22 | 300 |
| 29 | 39 | 27 | 33 | -10 | 32 | 0 | 0.00 | 0.0 | 0 | 8.6 | 21 | 310 | M | M | 7 | | 26 | 310 |
| 30 | 39 | 24 | 32 | -11 | 33 | 0 | 0.09 | 0.9 | 0 | 10.8 | 28 | 240 | M | M | 6 | 18 | 44 | 250 |
| 31 | 37 | 26 | 32 | -10 | 33 | 0 | 0.09 | 1.8 | 2 | 15.4 | 30 | 320 | M | M | 5 | 128 | 43 | 310 |
| SM | 1836 | 1382 | | | 438 | 41 | 4.50 | 2.7 | | 289.5 | | | M | | 181 | | | |
| AV | 59.2 | 44.6 | | | | | | | | 9.3 | FASTST | | M | M | 6 | | MAX (MPH) | |
| | | | | | | | | | | MISC | ----> | 35 180 | | | | | 49 200 | |

NOTES:

LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

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

STATION: TWIN CITIES MN
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YEAR: 2023
LATITUDE: 44 52 N
LONGITUDE: 93 13 W

| | | |
|-----------------------|--------------------------|--|
| [TEMPERATURE DATA] | [PRECIPITATION DATA] | SYMBOLS USED IN COLUMN 16 |
| AVERAGE MONTHLY: 51.9 | TOTAL FOR MONTH: 4.50 | 1 = FOG OR MIST |
| DPTR FM NORMAL: 2.4 | DPTR FM NORMAL: 1.92 | 2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS |
| HIGHEST: 92 ON 1 | GRTST 24HR 1.90 ON 12-13 | 3 = THUNDER |
| LOWEST: 24 ON 30 | | 4 = ICE PELLETS |
| | SNOW, ICE PELLETS, HAIL | 5 = HAIL |
| | TOTAL MONTH: 2.7 INCHES | 6 = FREEZING RAIN OR DRIZZLE |
| | GRTST 24HR 1.8 ON 31-31 | 7 = DUSTSTORM OR SANDSTORM: VSBY 1/2 MILE OR LESS |
| | GRTST DEPTH: 2 ON 31 | 8 = SMOKE OR HAZE |
| | | 9 = BLOWING SNOW |
| [NO. OF DAYS WITH] | [WEATHER - DAYS WITH] | X = TORNADO |
| MAX 32 OR BELOW: 0 | 0.01 INCH OR MORE: 12 | |
| MAX 90 OR ABOVE: 1 | 0.10 INCH OR MORE: 5 | |
| MIN 32 OR BELOW: 5 | 0.50 INCH OR MORE: 3 | |
| MIN 0 OR BELOW: 0 | 1.00 INCH OR MORE: 2 | |
| [HDD (BASE 65)] | | |
| TOTAL THIS MO. 438 | CLEAR (SCALE 0-3) 7 | |
| DPTR FM NORMAL -51 | PTCLDY (SCALE 4-7) 16 | |
| TOTAL FM JUL 1 463 | CLOUDY (SCALE 8-10) 8 | |
| DPTR FM NORMAL -169 | | |
| [CDD (BASE 65)] | | |
| TOTAL THIS MO. 41 | | |
| DPTR FM NORMAL 33 | [PRESSURE DATA] | |
| TOTAL FM JAN 1 1232 | HIGHEST SLP 30.45 ON 28 | |
| DPTR FM NORMAL 402 | LOWEST SLP 29.58 ON 21 | |

[REMARKS]
#FINAL-10-23#