

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

STATION: TWIN CITIES MN  
 MONTH: JANUARY  
 YEAR: 2012  
 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                 | 34   | 19   | 27  | 11  | 38     | 0     | T    | T          | 1    | 21.4    | 33   | 310 | M   | M    | 9        | 1  | 48  | 310 |
| 2                 | 20   | 11   | 16  | 0   | 49     | 0     | T    | T          | 1    | 13.3    | 29   | 330 | M   | M    | 1        | 8  | 41  | 330 |
| 3                 | 29   | 10   | 20  | 4   | 45     | 0     | 0.00 | 0.0        | 1    | 7.1     | 21   | 160 | M   | M    | 6        |    | 25  | 160 |
| 4                 | 37   | 23   | 30  | 14  | 35     | 0     | 0.00 | 0.0        | 1    | 5.5     | 17   | 320 | M   | M    | 4        |    | 22  | 320 |
| 5                 | 45   | 24   | 35  | 19  | 30     | 0     | 0.00 | 0.0        | 1    | 4.3     | 12   | 230 | M   | M    | 6        | 1  | 16  | 230 |
| 6                 | 46   | 37   | 42  | 26  | 23     | 0     | 0.00 | 0.0        | T    | 12.0    | 23   | 290 | M   | M    | 7        |    | 30  | 290 |
| 7                 | 37   | 25   | 31  | 15  | 34     | 0     | 0.00 | 0.0        | 0    | 8.5     | 22   | 300 | M   | M    | 4        | 8  | 29  | 290 |
| 8                 | 40   | 21   | 31  | 16  | 34     | 0     | 0.00 | 0.0        | 0    | 3.8     | 13   | 220 | M   | M    | 2        | 1  | 17  | 220 |
| 9                 | 49   | 34   | 42  | 27  | 23     | 0     | 0.00 | 0.0        | 0    | 9.6     | 18   | 270 | M   | M    | 3        |    | 23  | 230 |
| 10                | 52   | 27   | 40  | 25  | 25     | 0     | 0.00 | 0.0        | 0    | 3.9     | 15   | 220 | M   | M    | 1        |    | 20  | 230 |
| 11                | 38   | 13   | 26  | 11  | 39     | 0     | T    | T          | 0    | 12.7    | 26   | 320 | M   | M    | 9        | 1  | 35  | 310 |
| 12                | 14   | 10   | 12  | -3  | 53     | 0     | T    | T          | T    | 17.0    | 23   | 350 | M   | M    | 10       |    | 30  | 330 |
| 13                | 13   | 7    | 10  | -5  | 55     | 0     | 0.02 | 0.4        | T    | 6.7     | 18   | 320 | M   | M    | 10       | 8  | 23  | 330 |
| 14                | 21   | 5    | 13  | -2  | 52     | 0     | 0.03 | 0.5        | T    | 5.3     | 10   | 120 | M   | M    | 9        | 18 | 13  | 110 |
| 15                | 40   | 18   | 29  | 14  | 36     | 0     | 0.00 | 0.0        | 1    | 10.9    | 23   | 150 | M   | M    | 6        | 18 | 29  | 160 |
| 16                | 32   | 20   | 26  | 11  | 39     | 0     | 0.00 | 0.0        | T    | 9.8     | 20   | 340 | M   | M    | 9        | 1  | 25  | 340 |
| 17                | 20   | 5    | 13  | -2  | 52     | 0     | 0.01 | 0.1        | T    | 12.9    | 21   | 310 | M   | M    | 5        |    | 28  | 340 |
| 18                | 26   | -1   | 13  | -2  | 52     | 0     | T    | 0.1        | T    | 12.3    | 29   | 300 | M   | M    | 5        | 1  | 36  | 270 |
| 19                | 4    | -11  | -3  | -18 | 68     | 0     | 0.00 | 0.0        | T    | 8.8     | 23   | 310 | M   | M    | 0        |    | 28  | 320 |
| 20                | 12   | 0    | 6   | -9  | 59     | 0     | 0.07 | 1.1        | T    | 2.7     | 9    | 120 | M   | M    | 8        | 1  | 15  | 20  |
| 21                | 22   | -1   | 11  | -4  | 54     | 0     | 0.00 | 0.0        | 1    | 10.3    | 26   | 150 | M   | M    | 5        | 1  | 32  | 150 |
| 22                | 26   | 20   | 23  | 8   | 42     | 0     | 0.01 | 0.0        | 1    | 11.1    | 22   | 160 | M   | M    | 10       | 16 | 30  | 160 |
| 23                | 26   | 19   | 23  | 7   | 42     | 0     | 0.15 | 1.9        | 2    | 13.8    | 22   | 290 | M   | M    | 10       | 16 | 32  | 280 |
| 24                | 24   | 12   | 18  | 2   | 47     | 0     | T    | T          | 2    | 5.5     | 15   | 290 | M   | M    | 8        | 18 | 20  | 280 |
| 25                | 32   | 22   | 27  | 11  | 38     | 0     | T    | T          | 2    | 8.5     | 16   | 170 | M   | M    | 10       | 18 | 22  | 200 |
| 26                | 40   | 24   | 32  | 16  | 33     | 0     | 0.00 | 0.0        | 2    | 7.7     | 18   | 320 | M   | M    | 3        | 1  | 24  | 310 |
| 27                | 36   | 20   | 28  | 12  | 37     | 0     | 0.04 | 0.1        | 1    | 9.4     | 29   | 310 | M   | M    | 7        | 18 | 37  | 310 |
| 28                | 28   | 18   | 23  | 7   | 42     | 0     | 0.03 | 0.4        | 1    | 9.9     | 21   | 270 | M   | M    | 5        | 1  | 26  | 270 |
| 29                | 22   | 11   | 17  | 1   | 48     | 0     | T    | T          | 1    | 7.8     | 15   | 320 | M   | M    | 5        | 18 | 22  | 310 |
| 30                | 44   | 19   | 32  | 16  | 33     | 0     | T    | T          | 1    | 7.2     | 15   | 130 | M   | M    | 9        |    | 21  | 120 |
| 31                | 45   | 29   | 37  | 20  | 28     | 0     | 0.00 | 0.0        | 1    | 8.9     | 23   | 290 | M   | M    | 8        |    | 30  | 290 |
| SM                | 954  | 490  |     |     | 1285   | 0     | 0.36 |            | 4.6  | 288.6   |      |     | M   |      | 194      |    |     |     |
| AV                | 30.8 | 15.8 |     |     |        |       |      |            | 9.3  | FASTST  | M    | M   | 6   |      | MAX(MPH) |    |     |     |
|                   |      |      |     |     |        |       |      |            | MISC | ---->   | #    | 33  | 310 |      |          | #  | 48  | 310 |

NOTES:  
 # LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

STATION: TWIN CITIES MN  
 MONTH: JANUARY  
 YEAR: 2012  
 LATITUDE: 44 52 N

LONGITUDE: 93 13 W

| [TEMPERATURE DATA]    | [PRECIPITATION DATA]     | SYMBOLS USED IN COLUMN 16                            |
|-----------------------|--------------------------|--|
| AVERAGE MONTHLY: 23.3 | TOTAL FOR MONTH: 0.36    | 1 = FOG OR MIST                                      |
| DPTR FM NORMAL: 7.7   | DPTR FM NORMAL: -0.54    | 2 = FOG REDUCING VISIBILITY<br>TO 1/4 MILE OR LESS   |
| HIGHEST: 52 ON 10     | GRTST 24HR 0.15 ON 23-23 | 3 = THUNDER  |
| LOWEST: -11 ON 19     |                          | 4 = ICE PELLETS                                      |
|                       | SNOW, ICE PELLETS, HAIL  | 5 = HAIL   |
|                       | TOTAL MONTH: 4.6 INCHES  | 6 = FREEZING RAIN OR DRIZZLE                         |
|                       | GRTST 24HR 1.9 ON M      | 7 = DUSTSTORM OR SANDSTORM:<br>VSBY 1/2 MILE OR LESS |
|                       | GRTST DEPTH: 2 ON 26,25  | 8 = SMOKE OR HAZE                                    |
|                       |                          | 9 = BLOWING SNOW                                     |
|                       |                          | X = TORNADO  |
| [NO. OF DAYS WITH]    | [WEATHER - DAYS WITH]    |  |
| MAX 32 OR BELOW: 17   | 0.01 INCH OR MORE: 8     |  |
| MAX 90 OR ABOVE: 0    | 0.10 INCH OR MORE: 1     |  |
| MIN 32 OR BELOW: 29   | 0.50 INCH OR MORE: 0     |  |
| MIN 0 OR BELOW: 4     | 1.00 INCH OR MORE: 0     |  |
| [HDD (BASE 65) ]      |                          |  |
| TOTAL THIS MO. 1285   | CLEAR (SCALE 0-3) 6      |  |
| DPTR FM NORMAL -246   | PTCLDY (SCALE 4-7) 13    |  |
| TOTAL FM JUL 1 3691   | CLOUDY (SCALE 8-10) 12   |  |
| DPTR FM NORMAL -863   |                          |  |
| [CDD (BASE 65) ]      |                          |  |
| TOTAL THIS MO. 0      |                          |  |
| DPTR FM NORMAL 0      | [PRESSURE DATA]          |  |
| TOTAL FM JAN 1 0      | HIGHEST SLP M ON M       |  |
| DPTR FM NORMAL 0      | LOWEST SLP 29.51 ON 23   |  |
| [REMARKS]             |                          |  |