

CXUS51 KCLE 011004

CF6MFD

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

STATION: MANSFIELD OH

MONTH: FEBRUARY

YEAR: 2014

LATITUDE: 40 49 N

LONGITUDE: 82 31 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                 | 43   | 30   | 37  | 11  | 28     | 0   | 0.30  | T   | 1    | 10.7   | 22         | 160 | M    | M    | 10       | 168 | 26  | 160 |
| 2                 | 39   | 21   | 30  | 4   | 35     | 0   | 0.15  | 0.6 | T    | 8.4    | 14         | 320 | M    | M    | 10       | 16  | 16  | 320 |
| 3                 | 26   | 13   | 20  | -6  | 45     | 0   | 0.00  | 0.0 | 1    | 7.2    | 15         | 10  | M    | M    | 5        |     | 20  | 20  |
| 4                 | 26   | 12   | 19  | -7  | 46     | 0   | 0.17  | 1.7 | T    | 6.1    | 14         | 50  | M    | M    | 5        | 18  | 18  | 20  |
| 5                 | 24   | 13   | 19  | -8  | 46     | 0   | 0.37  | 3.7 | 4    | 12.0   | 22         | 330 | M    | M    | 10       | 168 | 28  | 320 |
| 6                 | 21   | 1    | 11  | -16 | 54     | 0   | 0.01  | 0.3 | 3    | 7.6    | 20         | 230 | M    | M    | 6        | 18  | 24  | 230 |
| 7                 | 11   | -6   | 3   | -24 | 62     | 0   | 0.00  | 0.0 | 3    | 8.4    | 16         | 220 | M    | M    | 0        |     | 21  | 210 |
| 8                 | 19   | 2    | 11  | -16 | 54     | 0   | 0.05  | 1.0 | 3    | 3.9    | 8          | 160 | M    | M    | 4        | 1   | 10  | 130 |
| 9                 | 23   | 14   | 19  | -8  | 46     | 0   | 0.18  | 3.5 | 5    | 7.3    | 16         | 270 | M    | M    | 9        | 128 | 25  | 280 |
| 10                | 18   | 4    | 11  | -16 | 54     | 0   | T     | T   | 4    | 5.8    | 12         | 260 | M    | M    | 4        | 18  | 16  | 260 |
| 11                | 12   | -5   | 4   | -24 | 61     | 0   | 0.00  | 0.0 | 4    | 4.2    | 10         | 330 | M    | M    | 2        | 18  | 12  | 310 |
| 12                | 26   | -3   | 12  | -16 | 53     | 0   | 0.00  | 0.0 | 4    | 5.7    | 13         | 120 | M    | M    | 0        | 18  | 15  | 120 |
| 13                | 33   | 9    | 21  | -7  | 44     | 0   | 0.00  | 0.0 | 4    | 4.1    | 13         | 190 | M    | M    | 2        | 8   | 15  | 180 |
| 14                | 31   | 19   | 25  | -3  | 40     | 0   | T     | T   | 4    | 11.1   | 23         | 270 | M    | M    | 9        | 18  | 35  | 250 |
| 15                | 19   | 8    | 14  | -14 | 51     | 0   | T     | T   | 4    | 8.2    | 14         | 260 | M    | M    | 4        | 18  | 18  | 260 |
| 16                | 23   | 10   | 17  | -11 | 48     | 0   | 0.09  | 1.7 | 4    | 8.1    | 17         | 320 | M    | M    | 9        | 18  | 21  | 330 |
| 17                | 34   | 1    | 18  | -11 | 47     | 0   | 0.18  | 2.2 | 4    | 14.1   | 33         | 230 | M    | M    | 7        | 12  | 41  | 250 |
| 18                | 43   | 24   | 34  | 5   | 31     | 0   | 0.05  | 0.5 | 5    | 16.3   | 28         | 230 | M    | M    | 6        | 18  | 41  | 250 |
| 19                | 48   | 27   | 38  | 9   | 27     | 0   | 0.00  | 0.0 | 2    | 12.1   | 23         | 270 | M    | M    | 1        | 18  | 31  | 270 |
| 20                | 56   | 25   | 41  | 12  | 24     | 0   | 0.20  | 0.0 | 1    | 13.8   | 29         | 180 | M    | M    | 6        | 1   | 38  | 180 |
| 21                | 55   | 35   | 45  | 15  | 20     | 0   | 0.48  | 0.0 | T    | 18.5   | 35         | 210 | M    | M    | 6        | 1   | 46  | 210 |
| 22                | 46   | 34   | 40  | 10  | 25     | 0   | 0.00  | 0.0 | 0    | 13.2   | 28         | 200 | M    | M    | 5        |     | 36  | 210 |
| 23                | 36   | 23   | 30  | 0   | 35     | 0   | 0.03  | 0.3 | T    | 7.7    | 15         | 270 | M    | M    | 5        | 1   | 21  | 290 |
| 24                | 28   | 18   | 23  | -7  | 42     | 0   | T     | T   | 0    | 11.0   | 21         | 240 | M    | M    | 4        |     | 29  | 240 |
| 25                | 23   | 18   | 21  | -10 | 44     | 0   | 0.03  | 0.4 | T    | 8.3    | 16         | 260 | M    | M    | 9        | 18  | 25  | 280 |
| 26                | 19   | 9    | 14  | -17 | 51     | 0   | T     | T   | 1    | 9.6    | 20         | 220 | M    | M    | 6        | 18  | 28  | 260 |
| 27                | 17   | 1    | 9   | -22 | 56     | 0   | 0.02  | 0.4 | T    | 12.0   | 25         | 320 | M    | M    | 7        | 128 | 36  | 270 |
| 28                | 26   | -2   | 12  | -20 | 53     | 0   | 0.00  | 0.0 | T    | 6.4    | 16         | 130 | M    | M    | 0        |     | 21  | 120 |
| SM                | 825  | 355  |     |     | 1222   | 0   | 2.31  |     | 16.3 | 261.8  |            |     | M    |      | 151      |     |     |     |
| AV                | 29.5 | 12.7 |     |     |        |     |       |     | 9.4  | FASTST | M          | M   | 5    |      | MAX(MPH) |     |     |     |
|                   |      |      |     |     |        |     |       |     | MISC | ---->  | #          | 35  | 210  |      |          | #   | 46  | 210 |

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NOTES:

# LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

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

STATION: MANSFIELD OH

MONTH: FEBRUARY

YEAR: 2014

LATITUDE: 40 49 N

LONGITUDE: 82 31 W

[TEMPERATURE DATA]

AVERAGE MONTHLY: 21.1  
DPTR FM NORMAL: -7.3  
HIGHEST: 56 ON 20  
LOWEST: -6 ON 7

[PRECIPITATION DATA]

TOTAL FOR MONTH: 2.31  
DPTR FM NORMAL: -0.08  
GRTST 24HR 0.68 ON 20-21  
  
SNOW, ICE PELLETS, HAIL  
TOTAL MONTH: 16.3 INCHES  
GRTST 24HR 3.7 ON M  
GRTST DEPTH: 5 ON 18, 9

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: 18  
MAX 90 OR ABOVE: 0  
MIN 32 OR BELOW: 26  
MIN 0 OR BELOW: 4

[WEATHER - DAYS WITH]

0.01 INCH OR MORE: 15  
0.10 INCH OR MORE: 8  
0.50 INCH OR MORE: 0  
1.00 INCH OR MORE: 0

[HDD (BASE 65) ]

TOTAL THIS MO. 1222  
DPTR FM NORMAL 197  
TOTAL FM JUL 1 5044  
DPTR FM NORMAL 419

CLEAR (SCALE 0-3) 6  
PTCLDY (SCALE 4-7) 15  
CLOUDY (SCALE 8-10) 7

[CDD (BASE 65) ]

TOTAL THIS MO. 0  
DPTR FM NORMAL 0  
TOTAL FM JAN 1 0  
DPTR FM NORMAL 0

[PRESSURE DATA]

HIGHEST SLP M ON M  
LOWEST SLP 29.47 ON 14

[REMARKS]

#FINAL-02-14#