

CXUS51 KCLE 011901

CF6MFD

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

STATION: MANSFIELD OH

MONTH: JANUARY

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  | 25 | 18  | 22 | -4  | 43 | 0 | 0.00 | 0.0 | 2 | 6.2  | 10 | 60  | M | M | 10 |     | 14 | 50  |
| 2  | 22 | 9   | 16 | -10 | 49 | 0 | 0.24 | 4.5 | 2 | 14.4 | 25 | 320 | M | M | 10 | 1   | 37 | 330 |
| 3  | 12 | -5  | 4  | -22 | 61 | 0 | 0.05 | 1.0 | 4 | 9.2  | 23 | 320 | M | M | 4  | 18  | 29 | 330 |
| 4  | 32 | 9   | 21 | -5  | 44 | 0 | 0.00 | 0.0 | 3 | 15.7 | 28 | 180 | M | M | 2  |     | 36 | 190 |
| 5  | 41 | 30  | 36 | 10  | 29 | 0 | 0.40 | 0.3 | 2 | 7.8  | 16 | 280 | M | M | 10 | 16  | 25 | 290 |
| 6  | 30 | -13 | 9  | -17 | 56 | 0 | 0.08 | 1.8 | 2 | 17.0 | 28 | 240 | M | M | 10 | 18  | 38 | 240 |
| 7  | 4  | -12 | -4 | -30 | 69 | 0 | 0.00 | 0.0 | 3 | 16.0 | 24 | 230 | M | M | 7  | 8   | 35 | 230 |
| 8  | 20 | 2   | 11 | -15 | 54 | 0 | 0.03 | 0.3 | 2 | 8.6  | 15 | 170 | M | M | 8  | 18  | 17 | 190 |
| 9  | 30 | 4   | 17 | -9  | 48 | 0 | 0.15 | 2.5 | 2 | 5.9  | 14 | 170 | M | M | 5  | 128 | 17 | 170 |
| 10 | 46 | 29  | 38 | 13  | 27 | 0 | 0.03 | 0.5 | 4 | 12.0 | 18 | 170 | M | M | 10 | 12  | 24 | 170 |
| 11 | 50 | 32  | 41 | 16  | 24 | 0 | 0.36 | 0.0 | 0 | 15.6 | 25 | 240 | M | M | 10 | 1   | 35 | 240 |
| 12 | 38 | 31  | 35 | 10  | 30 | 0 | 0.00 | 0.0 | 0 | 12.8 | 23 | 170 | M | M | 6  | 1   | 30 | 170 |
| 13 | 49 | 38  | 44 | 19  | 21 | 0 | 0.20 | 0.0 | 0 | 18.1 | 29 | 200 | M | M | 5  | 1   | 37 | 190 |
| 14 | 43 | 31  | 37 | 12  | 28 | 0 | T    | 0.0 | 0 | 9.3  | 23 | 260 | M | M | 6  | 1   | 32 | 250 |
| 15 | 31 | 21  | 26 | 1   | 39 | 0 | T    | T   | 0 | 10.4 | 20 | 240 | M | M | 10 | 1   | 29 | 230 |
| 16 | 29 | 17  | 23 | -2  | 42 | 0 | 0.04 | 0.6 | T | 14.7 | 24 | 170 | M | M | 8  | 18  | 30 | 210 |
| 17 | 35 | 8   | 22 | -3  | 43 | 0 | 0.05 | 0.8 | 1 | 12.4 | 23 | 240 | M | M | 9  | 128 | 35 | 220 |
| 18 | 18 | 5   | 12 | -13 | 53 | 0 | 0.04 | 0.8 | 2 | 10.3 | 18 | 210 | M | M | 7  | 18  | 22 | 190 |
| 19 | 30 | 16  | 23 | -2  | 42 | 0 | T    | T   | 2 | 15.5 | 29 | 220 | M | M | 5  | 1   | 40 | 200 |
| 20 | 34 | 21  | 28 | 3   | 37 | 0 | T    | T   | 0 | 9.2  | 24 | 200 | M | M | 7  | 18  | 30 | 210 |
| 21 | 21 | -1  | 10 | -15 | 55 | 0 | 0.05 | 1.1 | 1 | 10.9 | 23 | 360 | M | M | 9  | 18  | 28 | 360 |
| 22 | 10 | -5  | 3  | -22 | 62 | 0 | 0.02 | 0.6 | 2 | 6.9  | 15 | 180 | M | M | 6  | 18  | 18 | 180 |
| 23 | 11 | -2  | 5  | -20 | 60 | 0 | 0.03 | 1.0 | 2 | 11.5 | 20 | 260 | M | M | 9  | 18  | 25 | 260 |
| 24 | 18 | -5  | 7  | -19 | 58 | 0 | 0.00 | 0.0 | 2 | 18.7 | 32 | 200 | M | M | 3  | 1   | 44 | 190 |
| 25 | 28 | 8   | 18 | -8  | 47 | 0 | 0.18 | 2.9 | 4 | 17.6 | 32 | 200 | M | M | 10 | 128 | 40 | 190 |
| 26 | 39 | 2   | 21 | -5  | 44 | 0 | 0.03 | 0.5 | 2 | 14.7 | 25 | 210 | M | M | 8  | 12  | 33 | 210 |
| 27 | 40 | -7  | 17 | -9  | 48 | 0 | 0.02 | 0.2 | 2 | 14.0 | 35 | 230 | M | M | 7  | 18  | 52 | 230 |
| 28 | 3  | -15 | -6 | -32 | 71 | 0 | 0.00 | 0.0 | 2 | 9.3  | 15 | 220 | M | M | 0  |     | 21 | 230 |
| 29 | 14 | -3  | 6  | -20 | 59 | 0 | 0.00 | 0.0 | 0 | 12.4 | 24 | 210 | M | M | 0  |     | 31 | 240 |
| 30 | 31 | 6   | 19 | -7  | 46 | 0 | 0.00 | 0.0 | 2 | 17.1 | 33 | 170 | M | M | 2  |     | 41 | 170 |
| 31 | 33 | 29  | 31 | 5   | 34 | 0 | 0.02 | 0.2 | 1 | 9.4  | 17 | 220 | M | M | 10 | 18  | 23 | 210 |

|    |     |     |  |  |      |   |      |  |      |       |  |  |   |  |     |  |  |  |
|----|-----|-----|--|--|------|---|------|--|------|-------|--|--|---|--|-----|--|--|--|
| SM | 867 | 298 |  |  | 1423 | 0 | 2.02 |  | 19.6 | 383.6 |  |  | M |  | 213 |  |  |  |
|----|-----|-----|--|--|------|---|------|--|------|-------|--|--|---|--|-----|--|--|--|

=====
AV 28.0 9.6 12.4 FASTST M M 7 MAX(MPH)
MISC ----> # 35 230 # 52 230
=====

NOTES:
# LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

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

STATION: MANSFIELD OH
MONTH: JANUARY
YEAR: 2014
LATITUDE: 40 49 N
LONGITUDE: 82 31 W

[TEMPERATURE DATA] [PRECIPITATION DATA] SYMBOLS USED IN COLUMN 16
AVERAGE MONTHLY: 18.8 TOTAL FOR MONTH: 2.02 1 = FOG OR MIST
DPTR FM NORMAL: -6.7 DPTR FM NORMAL: -0.85 2 = FOG REDUCING VISIBILITY
HIGHEST: 50 ON 11 GRTST 24HR 0.46 ON 5- 6 TO 1/4 MILE OR LESS
LOWEST: -15 ON 28 3 = THUNDER
SNOW, ICE PELLETS, HAIL 4 = ICE PELLETS
TOTAL MONTH: 19.6 INCHES 5 = HAIL
GRTST 24HR 4.5 ON 2- 2 6 = FREEZING RAIN OR DRIZZLE
GRTST DEPTH: 4 ON 25,10 7 = DUSTSTORM OR SANDSTORM:
VSBY 1/2 MILE OR LESS
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO

[NO. OF DAYS WITH] [WEATHER - DAYS WITH]
MAX 32 OR BELOW: 20 0.01 INCH OR MORE: 19
MAX 90 OR ABOVE: 0 0.10 INCH OR MORE: 6
MIN 32 OR BELOW: 30 0.50 INCH OR MORE: 0
MIN 0 OR BELOW: 10 1.00 INCH OR MORE: 0

[HDD (BASE 65) ]
TOTAL THIS MO. 1423 CLEAR (SCALE 0-3) 5
DPTR FM NORMAL 200 PTCLDY (SCALE 4-7) 13
TOTAL FM JUL 1 3822 CLOUDY (SCALE 8-10) 13
DPTR FM NORMAL 222

[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 29.36 ON 5

[REMARKS]
#FINAL-01-14#