

CXUS51 KCLE 010800

CF6MFD

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

STATION: MANSFIELD OH
MONTH: JULY
YEAR: 2016
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 |
| | | | | DEP | HDD | CDD | WTR | SNW | DPTH | SPD | SPD | DIR | MIN | PSBL | S-S | WX | SPD | DR |
| | | | | AVG | | | | | 12Z | AVG | MX | 2MIN | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|---|----|------|-----|---|------|----|-----|---|---|---|-----|----|-----|
| 1 | 78 | 58 | 68 | -3 | 0 | 3 | 0.07 | 0.0 | 0 | 8.4 | 20 | 320 | M | M | 5 | 13 | 26 | 200 |
| 2 | 74 | 56 | 65 | -6 | 0 | 0 | 0.00 | 0.0 | 0 | 2.1 | 8 | 110 | M | M | 3 | | 10 | 40 |
| 3 | 73 | 54 | 64 | -7 | 1 | 0 | 0.00 | 0.0 | 0 | 3.5 | 9 | 160 | M | M | 0 | 1 | 13 | 100 |
| 4 | 73 | 57 | 65 | -6 | 0 | 0 | 0.03 | 0.0 | 0 | 6.2 | 15 | 130 | M | M | 3 | | 18 | 130 |
| 5 | 86 | 69 | 78 | 6 | 0 | 13 | 0.00 | 0.0 | 0 | 6.3 | 13 | 230 | M | M | 3 | 18 | 17 | 280 |
| 6 | 86 | 63 | 75 | 3 | 0 | 10 | 0.09 | 0.0 | 0 | 8.3 | 25 | 220 | M | M | 2 | 13 | 33 | 210 |
| 7 | 89 | 67 | 78 | 6 | 0 | 13 | 0.00 | 0.0 | 0 | 8.1 | 15 | 240 | M | M | 2 | 1 | 20 | 240 |
| 8 | 86 | 70 | 78 | 6 | 0 | 13 | 0.14 | 0.0 | 0 | 9.1 | 22 | 260 | M | M | 6 | 13 | 32 | 270 |
| 9 | 81 | 65 | 73 | 1 | 0 | 8 | 0.00 | 0.0 | 0 | 8.1 | 18 | 330 | M | M | 4 | | 24 | 260 |
| 10 | 85 | 60 | 73 | 1 | 0 | 8 | 0.00 | 0.0 | 0 | 5.4 | 13 | 350 | M | M | 1 | | 16 | 20 |
| 11 | 88 | 61 | 75 | 3 | 0 | 10 | 0.00 | 0.0 | 0 | 6.1 | 14 | 210 | M | M | 1 | | 18 | 210 |
| 12 | 91 | 66 | 79 | 7 | 0 | 14 | 0.00 | 0.0 | 0 | 9.4 | 20 | 160 | M | M | 1 | | 24 | 160 |
| 13 | 91 | 69 | 80 | 8 | 0 | 15 | 0.38 | 0.0 | 0 | 9.7 | 30 | 220 | M | M | 3 | 138 | 42 | 230 |
| 14 | 85 | 68 | 77 | 5 | 0 | 12 | 0.03 | 0.0 | 0 | 10.7 | 20 | 210 | M | M | 5 | 1 | 26 | 220 |
| 15 | 85 | 66 | 76 | 4 | 0 | 11 | 0.00 | 0.0 | 0 | 8.7 | 21 | 230 | M | M | 3 | | 26 | 230 |
| 16 | 80 | 61 | 71 | -1 | 0 | 6 | 0.00 | 0.0 | 0 | 4.8 | 18 | 330 | M | M | 2 | | 21 | 310 |
| 17 | 87 | 59 | 73 | 1 | 0 | 8 | 0.00 | 0.0 | 0 | 9.4 | 21 | 190 | M | M | 2 | 1 | 27 | 200 |
| 18 | 85 | 69 | 77 | 5 | 0 | 12 | 0.54 | 0.0 | 0 | 8.6 | 28 | 260 | M | M | 2 | 13 | 43 | 250 |
| 19 | 87 | 63 | 75 | 3 | 0 | 10 | 0.00 | 0.0 | 0 | 6.3 | 15 | 330 | M | M | 1 | 1 | 19 | 310 |
| 20 | 87 | 61 | 74 | 2 | 0 | 9 | 0.00 | 0.0 | 0 | 3.8 | 9 | 330 | M | M | 0 | | 14 | 70 |
| 21 | 90 | 64 | 77 | 5 | 0 | 12 | 0.00 | 0.0 | 0 | 8.3 | 18 | 220 | M | M | 1 | | 29 | 210 |
| 22 | 89 | 68 | 79 | 7 | 0 | 14 | 0.40 | 0.0 | 0 | 9.0 | 26 | 220 | M | M | 2 | 138 | 34 | 230 |
| 23 | 92 | 72 | 82 | 10 | 0 | 17 | 0.00 | 0.0 | 0 | 4.6 | 13 | 260 | M | M | 1 | 1 | 16 | 280 |
| 24 | 90 | 72 | 81 | 9 | 0 | 16 | 0.07 | 0.0 | 0 | 8.0 | 22 | 310 | M | M | 2 | 3 | 29 | 310 |
| 25 | 90 | 72 | 81 | 10 | 0 | 16 | 0.00 | 0.0 | 0 | 6.7 | 14 | 260 | M | M | 2 | 1 | 19 | 250 |
| 26 | 87 | 66 | 77 | 6 | 0 | 12 | 0.00 | 0.0 | 0 | 5.6 | 12 | 360 | M | M | 2 | 8 | 14 | 60 |
| 27 | 91 | 65 | 78 | 7 | 0 | 13 | 0.00 | 0.0 | 0 | 3.0 | 9 | 260 | M | M | 4 | | 12 | 30 |
| 28 | 84 | 67 | 76 | 5 | 0 | 11 | 0.00 | 0.0 | 0 | 3.8 | 12 | 90 | M | M | 3 | | 14 | 90 |
| 29 | 87 | 63 | 75 | 4 | 0 | 10 | T | 0.0 | 0 | 4.6 | 14 | 30 | M | M | 2 | 13 | 16 | 20 |
| 30 | 84 | 67 | 76 | 5 | 0 | 11 | T | 0.0 | 0 | 4.5 | 25 | 330 | M | M | 5 | 13 | 31 | 330 |
| 31 | 88 | 64 | 76 | 5 | 0 | 11 | T | 0.0 | 0 | 4.5 | 15 | 330 | M | M | 3 | 12 | 20 | 330 |

| | | | | | | | | | | | | | | | | | | |
|----|------|------|--|--|---|-----|------|-----|-------|--|--|--|---|--|----|--|--|--|
| SM | 2649 | 2002 | | | 1 | 318 | 1.75 | 0.0 | 205.6 | | | | M | | 76 | | | |
|----|------|------|--|--|---|-----|------|-----|-------|--|--|--|---|--|----|--|--|--|

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AV 85.5 64.6                6.6 FASTST  M   M   2   MAX(MPH)
                               MISC ----> # 30 220                # 43 250
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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: JULY
YEAR: 2016
LATITUDE: 40 49 N
LONGITUDE: 82 31 W

| [TEMPERATURE DATA] | [PRECIPITATION DATA] | SYMBOLS USED IN COLUMN 16 |
|-----------------------|--------------------------|------------------------------|
| AVERAGE MONTHLY: 75.0 | TOTAL FOR MONTH: 1.75 | 1 = FOG OR MIST |
| DPTR FM NORMAL: 3.5 | DPTR FM NORMAL: -2.63 | 2 = FOG REDUCING VISIBILITY |
| HIGHEST: 92 ON 23 | GRTST 24HR 0.54 ON 18-18 | TO 1/4 MILE OR LESS |
| LOWEST: 54 ON 3 | | 3 = THUNDER |
| | SNOW, ICE PELLETS, HAIL | 4 = ICE PELLETS |
| | TOTAL MONTH: 0.0 INCH | 5 = HAIL |
| | GRTST 24HR 0.0 | 6 = FREEZING RAIN OR DRIZZLE |
| | GRTST DEPTH: 0 | 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: 0 | 0.01 INCH OR MORE: 9 | |
| MAX 90 OR ABOVE: 7 | 0.10 INCH OR MORE: 4 | |
| MIN 32 OR BELOW: 0 | 0.50 INCH OR MORE: 1 | |
| MIN 0 OR BELOW: 0 | 1.00 INCH OR MORE: 0 | |
| [HDD (BASE 65)] | | |
| TOTAL THIS MO. 1 | CLEAR (SCALE 0-3) 23 | |
| DPTR FM NORMAL -7 | PTCLDY (SCALE 4-7) 8 | |
| TOTAL FM JUL 1 1 | CLOUDY (SCALE 8-10) 0 | |
| DPTR FM NORMAL -7 | | |
| [CDD (BASE 65)] | | |
| TOTAL THIS MO. 318 | | |
| DPTR FM NORMAL 108 | [PRESSURE DATA] | |
| TOTAL FM JAN 1 562 | HIGHEST SLP M ON M | |
| DPTR FM NORMAL 172 | LOWEST SLP 28.64 ON 30 | |

[REMARKS]
#FINAL-07-16#