

SXUS41 KILN 010557  
LCDDAY  
PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

STATION: DAYTON OH  
MONTH: JULY  
YEAR: 2014  
LATITUDE: 39 54 N  
LONGITUDE: 84 12 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                 | 88  | 67  | 78  | 4   | 0      | 13  | 1.19  | 0.0 | 0    | 11.0 | 37         | 310 | M    | M    | 6       | 13   | 49  | 300 |
| 2                 | 83  | 66  | 75  | 1   | 0      | 10  | 0.04  | 0.0 | 0    | 9.0  | 25         | 270 | M    | M    | 7       | 1    | 32  | 260 |
| 3                 | 73  | 59  | 66  | -8  | 0      | 1   | T     | 0.0 | 0    | 8.5  | 16         | 310 | M    | M    | 5       | 1    | 21  | 320 |
| 4                 | 78  | 52  | 65  | -9  | 0      | 0   | 0.00  | 0.0 | 0    | 7.1  | 16         | 30  | M    | M    | 2       |      | 23  | 20  |
| 5                 | 80  | 57  | 69  | -5  | 0      | 4   | 0.00  | 0.0 | 0    | 4.6  | 12         | 140 | M    | M    | 4       |      | 16  | 160 |
| 6                 | 81  | 64  | 73  | -1  | 0      | 8   | T     | 0.0 | 0    | 9.4  | 18         | 230 | M    | M    | 8       |      | 24  | 230 |
| 7                 | 83  | 68  | 76  | 2   | 0      | 11  | 0.76  | 0.0 | 0    | 12.1 | 24         | 220 | M    | M    | 7       | 1238 | 30  | 220 |
| 8                 | 83  | 69  | 76  | 2   | 0      | 11  | 0.27  | 0.0 | 0    | 15.2 | 25         | 250 | M    | M    | 7       | 13   | 44  | 250 |
| 9                 | 81  | 64  | 73  | -1  | 0      | 8   | 0.00  | 0.0 | 0    | 8.3  | 20         | 250 | M    | M    | 3       |      | 24  | 270 |
| 10                | 80  | 60  | 70  | -4  | 0      | 5   | 0.00  | 0.0 | 0    | 5.8  | 13         | 320 | M    | M    | 1       |      | 16  | 350 |
| 11                | 84  | 58  | 71  | -3  | 0      | 6   | 0.00  | 0.0 | 0    | 2.4  | 9          | 110 | M    | M    | 4       |      | 22  | 150 |
| 12                | 85  | 68  | 77  | 3   | 0      | 12  | 0.00  | 0.0 | 0    | 7.3  | 18         | 220 | M    | M    | 8       |      | 24  | 210 |
| 13                | 87  | 72  | 80  | 6   | 0      | 15  | T     | 0.0 | 0    | 10.6 | 18         | 260 | M    | M    | 8       | 3    | 24  | 260 |
| 14                | 84  | 67  | 76  | 2   | 0      | 11  | 0.45  | 0.0 | 0    | 7.3  | 33         | 280 | M    | M    | 8       | 123  | 45  | 290 |
| 15                | 73  | 58  | 66  | -8  | 0      | 1   | 0.00  | 0.0 | 0    | 11.4 | 21         | 290 | M    | M    | 5       |      | 38  | 220 |
| 16                | 73  | 55  | 64  | -10 | 1      | 0   | 0.00  | 0.0 | 0    | 6.6  | 15         | 310 | M    | M    | 5       |      | 21  | 220 |
| 17                | 76  | 51  | 64  | -10 | 1      | 0   | 0.00  | 0.0 | 0    | 1.7  | 10         | 360 | M    | M    | 3       | 8    | 21  | 90  |
| 18                | 77  | 57  | 67  | -7  | 0      | 2   | 0.15  | 0.0 | 0    | 5.6  | 14         | 130 | M    | M    | 7       | 1    | 20  | 150 |
| 19                | 76  | 63  | 70  | -4  | 0      | 5   | 0.05  | 0.0 | 0    | 4.4  | 12         | 140 | M    | M    | 9       | 1    | 28  | 150 |
| 20                | 81  | 61  | 71  | -3  | 0      | 6   | 0.00  | 0.0 | 0    | 2.9  | 9          | 120 | M    | M    | 6       | 128  | 24  | 150 |
| 21                | 86  | 63  | 75  | 1   | 0      | 10  | 0.00  | 0.0 | 0    | 2.5  | 9          | 40  | M    | M    | 2       | 1    | 12  | 40  |
| 22                | 89  | 66  | 78  | 4   | 0      | 13  | 0.00  | 0.0 | 0    | 5.9  | 16         | 240 | M    | M    | 2       | 18   | 20  | 260 |
| 23                | 80  | 63  | 72  | -2  | 0      | 7   | 0.25  | 0.0 | 0    | 10.5 | 20         | 240 | M    | M    | 8       | 13   | 26  | 310 |
| 24                | 76  | 57  | 67  | -7  | 0      | 2   | 0.00  | 0.0 | 0    | 9.3  | 18         | 20  | M    | M    | 4       | 1    | 23  | 20  |
| 25                | 77  | 52  | 65  | -9  | 0      | 0   | T     | 0.0 | 0    | 3.0  | 12         | 240 | M    | M    | 6       |      | 26  | 140 |
| 26                | 83  | 66  | 75  | 1   | 0      | 10  | 0.04  | 0.0 | 0    | 8.8  | 18         | 250 | M    | M    | 9       | 13   | 23  | 240 |
| 27                | 80  | 68  | 74  | 0   | 0      | 9   | 0.02  | 0.0 | 0    | 11.3 | 25         | 230 | M    | M    | 8       | 138  | 32  | 300 |
| 28                | 77  | 56  | 67  | -7  | 0      | 2   | 0.00  | 0.0 | 0    | 12.1 | 21         | 330 | M    | M    | 6       |      | 26  | 340 |
| 29                | 73  | 52  | 63  | -11 | 2      | 0   | 0.00  | 0.0 | 0    | 5.8  | 15         | 240 | M    | M    | 4       |      | 18  | 240 |
| 30                | 80  | 56  | 68  | -6  | 0      | 3   | 0.01  | 0.0 | 0    | 8.9  | 18         | 300 | M    | M    | 4       | 3    | 25  | 290 |
| 31                | 83  | 61  | 72  | -2  | 0      | 7   | T     | 0.0 | 0    | 6.1  | 16         | 260 | M    | M    | 2       |      | 22  | 270 |
|                   |     |     |     |     |        |     |       |     |      |      |            |     |      |      |         |      |     |     |

|              |            |            |       |          |
|--------------|------------|------------|-------|----------|
| SM 2490 1896 | 4 192 3.23 | 0.0 235.4  | M     | 168      |
| =====        |            |            |       |          |
| AV 80.3 61.2 |            | 7.6 FASTST | M M 5 | MAX(MPH) |
|              | MISC ----> | # 37 310   |       | # 49 300 |
| =====        |            |            |       |          |

NOTES:

# LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

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

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|                       |                         |                              |
|-----------------------|-------------------------|------------------------------|
| [TEMPERATURE DATA]    | [PRECIPITATION DATA]    | SYMBOLS USED IN COLUMN 16    |
| AVERAGE MONTHLY: 70.7 | TOTAL FOR MONTH: 3.23   | 1 = FOG OR MIST              |
| DPTR FM NORMAL: -3.4  | DPTR FM NORMAL: -0.88   | 2 = FOG REDUCING VISIBILITY  |
| HIGHEST: 89 ON 22     | GRTST 24HR 1.19 ON 1- 1 | TO 1/4 MILE OR LESS          |
| LOWEST: 51 ON 17      |                         | 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            |
| [NO. OF DAYS WITH]    | [WEATHER - DAYS WITH]   | 9 = BLOWING SNOW             |
|                       |                         | X = TORNADO                  |
| MAX 32 OR BELOW: 0    | 0.01 INCH OR MORE: 11   |                              |
| MAX 90 OR ABOVE: 0    | 0.10 INCH OR MORE: 6    |                              |
| MIN 32 OR BELOW: 0    | 0.50 INCH OR MORE: 2    |                              |
| MIN 0 OR BELOW: 0     | 1.00 INCH OR MORE: 1    |                              |
| [HDD (BASE 65) ]      |                         |                              |
| TOTAL THIS MO. 4      | CLEAR (SCALE 0-3) 7     |                              |
| DPTR FM NORMAL 4      | PTCLDY (SCALE 4-7) 22   |                              |
| TOTAL FM JUL 1 4      | CLOUDY (SCALE 8-10) 2   |                              |
| DPTR FM NORMAL 4      |                         |                              |
| [CDD (BASE 65) ]      |                         |                              |
| TOTAL THIS MO. 192    |                         |                              |
| DPTR FM NORMAL -87    | [PRESSURE DATA]         |                              |
| TOTAL FM JAN 1 584    | HIGHEST SLP 30.33 ON 5  |                              |

DPTR FM NORMAL 45 LOWEST SLP 29.68 ON 27

[REMARKS]

#FINAL-07-14#