

Local Climatological Data Daily Summary October 2017

Generated on 04/11/2018

| Date | Temperature (F) | | | | | | | Degree Days (base 65F) | | Sun (LST) | | Weather | Precipitation (in) | | | Pressure (inHg) | | Wind | Maximum Wind Speed = MPH | | | | | | | | | | | |
|---|-----------------|------------------|-----|-------|-----------------------|-----|------------------|---------------------------|------|--------------------|-------------------------------|------------|--------------------|----------------------|-----------|------------------|-------------|----------------|--------------------------|-----------------|---------------------|------------------|-------------------|--|------|--|-----------------|--|---|--|
| | Max | Min | Avg | Dep | ARH | ADP | AWB | Heat | Cool | Rise | Set | | Weather Type | TLC | Snow Fall | Snow Depth | Avg Stn | | Avg SL | Avg Speed | Direction = Degrees | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | Peak Speed | | | Peak Dir | Sust. Speed | Sust. Dir | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | | | | | | | | |
| 01 | 77 | 48 | 62 | -3.1 | 64 | 49 | 55 | 3 | 0 | 0631 | 1820 | | 0.00 | 0.0 | 0 | 29.15 | 30.20 | 4.3 | 15 | 010 | 12 | 010 | | | | | | | | |
| 02 | 79 | 46 | 62 | -2.7 | 66 | 50 | 55 | 3 | 0 | 0632 | 1819 | | 0.00 | 0.0 | 0 | 29.23 | 30.28 | 3.5 | 16 | 340 | 10 | 360 | | | | | | | | |
| 03 | 81 | 50 | 66 | 1.7 | 69 | 53 | 58 | 0 | 1 | 0632 | 1817 | | 0.00 | 0.0 | 0 | 29.34 | 30.40 | 4.6 | 13 | 060 | 10 | 260 | | | | | | | | |
| 04 | 82 | 51 | 66 | 2.1 | 70 | 55 | 60 | 0 | 1 | 0633 | 1816 | | 0.00 | 0.0 | 0 | 29.34 | 30.36 | 3.5 | 16 | 040 | 12 | 010 | | | | | | | | |
| 05 | 83 | 52 | 68 | 4.4 | 71 | 57 | 61 | 0 | 3 | 0634 | 1814 | | 0.00 | 0.0 | 0 | 29.17 | 30.19 | 2.5 | 14 | 330 | 12 | 340 | | | | | | | | |
| 06 | 83 | 56 | 70 | 6.8 | 70 | 58 | 62 | 0 | 5 | 0635 | 1813 | | 0.00 | 0.0 | 0 | 29.05 | 30.07 | 3.1 | 12 | 150 | 9 | 150 | | | | | | | | |
| 07 | 87* | 58 | 72 | 9.2 | 77 | 65 | 67 | 0 | 7 | 0636 | 1811 | RA | T | 0.0 | 0 | 28.92 | 29.94 | 5.6 | 16 | 200 | 13 | 240 | | | | | | | | |
| 08 | 79 | 69 | 74 | 11.5 | 95 | 69 | 70 | 0 | 9 | 0636 | 1810 | RA BR | 2.16 | 0.0 | 0 | 28.78 | 29.81 | 7.5 | 28 | 200 | 22 | 210 | | | | | | | | |
| 09 | 86 | 72 | 79 | 16.9 | 85 | 72 | 73 | 0 | 14 | 0637 | 1809 | RA | T | 0.0 | 0 | 28.87 | 29.92 | 5.8 | 23 | 230 | 20 | 220 | | | | | | | | |
| 10 | 83 | 72 | 78 | 16.3 | 92 | 74 | 75 | 0 | 13 | 0638 | 1807 | RA | T | 0.0 | 0 | 29.00 | 30.02 | 2.7 | 20 | 250 | 15 | 220 | | | | | | | | |
| 11 | 85 | 68 | 76 | 14.6 | 84 | 71 | 72 | 0 | 11 | 0639 | 1806 | | 0.01 | 0.0 | 0 | 29.00 | 30.02 | 7.4 | 21 | 240 | 16 | 230 | | | | | | | | |
| 12 | 80 | 60 | 70 | 8.9 | 78 | 60 | 63 | 0 | 5 | 0640 | 1805 | | 0.00 | 0.0 | 0 | 29.03 | 30.07 | 3.7 | 11 | 300 | 9 | 270 | | | | | | | | |
| 13 | 84 | 56 | 70 | 9.3 | 81 | 63 | 65 | 0 | 5 | 0641 | 1803 | FG BR | 0.00 | 0.0 | 0 | 29.10 | 30.14 | 2.1 | 19 | 230 | 14 | 260 | | | | | | | | |
| 14 | 80 | 64 | 72 | 11.6 | 90 | 67 | 68 | 0 | 7 | 0642 | 1802 | BR | 0.00 | 0.0 | 0 | 29.15 | 30.17 | 4.3 | 15 | 280 | 12 | 270 | | | | | | | | |
| 15 | 80 | 60 | 70 | 9.9 | 91 | 66 | 67 | 0 | 5 | 0642 | 1801 | RA BR | 0.51 | 0.0 | 0 | 29.05 | 30.08 | 5.8 | 24 | 300 | 18 | 300 | | | | | | | | |
| 16 | 64 | 48 | 56 | -3.7 | 73 | 47 | 51 | 9 | 0 | 0643 | 1759 | RA | 0.08 | 0.0 | 0 | 29.15 | 30.21 | 9.4 | 23 | 030 | 18 | 030 | | | | | | | | |
| 17 | 67 | 42 | 54 | -5.4 | 72 | 44 | 49 | 11 | 0 | 0644 | 1758 | | 0.00 | 0.0 | 0 | 29.24 | 30.30 | 4.7 | 18 | 050 | 13 | 030 | | | | | | | | |
| 18 | 70 | 40 | 55 | -4.1 | 77 | 47 | 51 | 10 | 0 | 0645 | 1757 | FG BR | 0.00 | 0.0 | 0 | 29.24 | 30.29 | 1.9 | 10 | 020 | 8 | 360 | | | | | | | | |
| 19 | 72 | 41 | 56 | -2.8 | 75 | 47 | 52 | 9 | 0 | 0646 | 1755 | | 0.00 | 0.0 | 0 | 29.23 | 30.27 | 2.0 | 9 | 330 | 6 | 280 | | | | | | | | |
| 20 | 77 | 45 | 61 | 2.5 | 77 | 51 | 54 | 4 | 0 | 0647 | 1754 | | 0.00 | 0.0 | 0 | 29.20 | 30.24 | 2.7 | 14 | 030 | 10 | 030 | | | | | | | | |
| 21 | 76 | 46 | 61 | 2.9 | 80 | 53 | 56 | 4 | 0 | 0648 | 1753 | | 0.00 | 0.0 | 0 | 29.19 | 30.24 | 1.0 | 9 | 010 | 7 | 010 | | | | | | | | |
| 22 | 80 | 46 | 63 | 5.2 | 75 | 55 | 59 | 2 | 0 | 0649 | 1752 | BR | 0.00 | 0.0 | 0 | 29.15 | 30.17 | 5.0 | 25 | 140 | 20 | 140 | | | | | | | | |
| 23 | 74 | 50 | 62 | 4.5 | 88 | 59 | 61 | 3 | 0 | 0650 | 1751 | RA BR | 1.56 | 0.0 | 0 | 28.84 | 29.86 | 10.8 | 38 | 260 | 30 | 270 | | | | | | | | |
| 24 | 63 | 47 | 55 | -2.2 | 73 | 44 | 49 | 10 | 0 | 0650 | 1749 | | 0.01 | 0.0 | 0 | 28.84 | 29.89 | 10.1 | 26 | 230 | 22 | 240 | | | | | | | | |
| 25 | 57 | 40 | 48 | -8.9 | 73 | 40 | 44 | 17 | 0 | 0651 | 1748 | | 0.00 | 0.0 | 0 | 28.87 | 29.91 | 8.8 | 23 | 260 | 17 | 250 | | | | | | | | |
| 26 | 65 | 38 | 52 | -4.6 | 72 | 41 | 46 | 13 | 0 | 0652 | 1747 | | 0.00 | 0.0 | 0 | 28.90 | 29.95 | 3.2 | 15 | 220 | 13 | 250 | | | | | | | | |
| 27 | 72 | 40 | 56 | -0.3 | 69 | 46 | 52 | 9 | 0 | 0653 | 1746 | | T | 0.0 | 0 | 28.92 | 29.95 | 8.6 | 30 | 210 | 25 | 210 | | | | | | | | |
| 28 | 66 | 41 | 54 | -2.0 | 93 | 46 | 47 | 11 | 0 | 0654 | 1745 | RA BR | 1.03 | 0.0 | 0 | 28.80 | 29.84 | 9.0 | 29 | 170 | 23 | 280 | | | | | | | | |
| 29 | 41 | 36 | 38 | -17.6 | 83 | 34 | 37 | 27 | 0 | 0655 | 1744 | RA SN BR | T | T | 0 | 28.79 | 29.85 | 8.8 | 22 | 330 | 17 | 340 | | | | | | | | |
| 30 | 61 | 29* | 45 | -10.3 | 71 | 35 | 40 | 20 | 0 | 0656 | 1743 | | 0.00 | 0.0 | 0 | 28.90 | 29.97 | 7.5 | 23 | 240 | 18 | 230 | | | | | | | | |
| 31 | 63 | 39 | 51 | -4.0 | 73 | 42 | 47 | 14 | 0 | 0657 | 1742 | | 0.00 | 0.0 | 0 | 29.07 | 30.13 | 3.0 | 13 | 290 | 10 | 280 | | | | | | | | |
| Monthly Averages Totals | | | | | | | | | | | | | 5.36 | T | | 29.05 | 30.09 | 5.1 | | | | | | | | | | | | |
| Departure from Normal (1981-2010) | | | | | | | | | | | | | 2.85 | | | | | | | | | | | | | | | | | |
| Degree Days | | | | | | | | | | | Number of days with... | | | | | | | | | | | | | | | | | | | |
| Monthly | | | | | Season-to-date | | | | | Temperature | | | | Precipitation | | Snow | | Weather | | | | | | | | | | | | |
| Total | | Departure | | | Total | | Departure | | | Max | | Min | | >=0.01" | | >=0.1" | | >=1" | | T-Storms | | Heavy Fog | | | | | | | | |
| Heating | | 177 | | | -19 | | | 194 | | >=90° | | <=32° | | <=32° | | <=0° | | 7 | | 4 | | 0 | | | | | | | | |
| Cooling | | 85 | | | 49 | | | 1510 | | 0 | | 0 | | 1 | | 0 | | 7 | | 4 | | 0 | | | | | | | | |
| Date of 5-sec to 3-sec wind equipment change | | | | | | | | Sea Level Pressure | | | | | Greatest... | | | | | | | | | | | | | | | | | |
| 2007-04-17 | | | | | | | | Maximum | | 30.48 | | | Date | | 03 | | Time | | 1042 | | 24-Hr... | | Snow Depth | | | | | | | |
| | | | | | | | | Minimum | | 29.63 | | | Date | | 08 | | Time | | 2003 | | Precip | | | | 2.16 | | Snowfall | | T | |
| | | | | | | | | | | | | | Date | | 08-08 | | Time | | 29-29 | | | | | | | | | | | |
| Station Augmentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name:CONTRACTOR ON AIRPORT Lat: N/A Lon: N/A Elevation: N/A Distance: 2200ft W Elements: TEMP, PRECIP, SNOW Equipment: SRG, PSY, SNOWBOARD, SNOWSTICK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 962 ft. Lat: 35.8181° N Lon: -83.9858° W
Station: KNOXVILLE AIRPORT, TN US 13891

Local Climatological Data Hourly Observations October 2017

Generated on 04/11/2018

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

| Date | Time (LST) | Station Type | Sky Conditions | Visi- bility | Weather Type (see documentation) AU AW MW | Dry Bulb Temp | | Wet Bulb Temp | | Dew Point Temp | | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti- meter Setting (inHg) |
|------|------------|--------------|----------------|--------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|----------------------------|
| | | | | | | (F) | (C) | (F) | (C) | (F) | (C) | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 01 | 0053 | 7 | CLR:00 | 10.00 | | 58 | 14.4 | 52 | 11.2 | 47 | 8.3 | 67 | 8 | 020 | | 29.16 | 0 | -0.01 | 30.19 | FM-15 | 0.00 | 30.22 |
| 01 | 0100 | 4 | | 9.94 | | 58 | 14.4 | 52 | 11.2 | 47 | 8.3 | 67 | 8 | 020 | | 29.15 | 9 | 0.01 | 30.19 | FM-12 | | 30.22 |
| 01 | 0153 | 7 | CLR:00 | 10.00 | | 56 | 13.3 | 51 | 10.7 | 47 | 8.3 | 72 | 6 | 020 | | 29.15 | | | 30.19 | FM-15 | 0.00 | 30.21 |
| 01 | 0253 | 7 | CLR:00 | 10.00 | | 56 | 13.3 | 51 | 10.5 | 46 | 7.8 | 70 | 7 | 020 | | 29.15 | | | 30.19 | FM-15 | 0.00 | 30.21 |
| 01 | 0353 | 7 | CLR:00 | 10.00 | | 55 | 12.8 | 51 | 10.7 | 48 | 8.9 | 77 | 0 | 000 | | 29.15 | 6 | +0.00 | 30.19 | FM-15 | 0.00 | 30.21 |
| 01 | 0400 | 4 | | 9.94 | | 55 | 12.8 | 51 | 10.7 | 48 | 8.9 | 77 | 0 | 000 | | 29.14 | 6 | +0.00 | 30.19 | FM-12 | | 30.21 |
| 01 | 0453 | 7 | CLR:00 | 10.00 | | 52 | 11.1 | 50 | 10.2 | 49 | 9.4 | 89 | 0 | 000 | | 29.16 | | | 30.20 | FM-15 | 0.00 | 30.22 |
| 01 | 0553 | 7 | CLR:00 | 10.00 | | 51 | 10.6 | 49 | 9.7 | 48 | 8.9 | 89 | 0 | 000 | | 29.18 | | | 30.22 | FM-15 | 0.00 | 30.24 |
| 01 | 0653 | 7 | CLR:00 | 10.00 | | 52 | 11.1 | 51 | 10.5 | 50 | 10.0 | 93 | 0 | 000 | | 29.21 | 3 | -0.05 | 30.24 | FM-15 | 0.00 | 30.26 |
| 01 | 0700 | 4 | | 9.94 | | 52 | 11.1 | 51 | 10.5 | 50 | 10.0 | 93 | 0 | 000 | | 29.19 | 3 | -0.05 | 30.24 | FM-12 | | 30.26 |
| 01 | 0753 | 7 | CLR:00 | 10.00 | | 54 | 12.2 | 52 | 11.3 | 51 | 10.6 | 90 | 0 | 000 | | 29.22 | | | 30.26 | FM-15 | 0.00 | 30.28 |
| 01 | 0853 | 7 | CLR:00 | 10.00 | | 60 | 15.6 | 54 | 12.0 | 48 | 8.9 | 65 | 9 | 050 | | 29.22 | | | 30.27 | FM-15 | 0.00 | 30.28 |
| 01 | 0953 | 7 | FEW:02 250 | 10.00 | | 62 | 16.7 | 54 | 12.5 | 48 | 8.9 | 60 | 0 | 000 | | 29.23 | 1 | -0.03 | 30.27 | FM-15 | 0.00 | 30.29 |
| 01 | 1000 | 4 | | 9.94 | | 62 | 16.7 | 54 | 12.5 | 48 | 8.9 | 60 | 0 | 000 | | 29.22 | 1 | -0.03 | 30.27 | FM-12 | | 30.29 |
| 01 | 1053 | 7 | FEW:02 250 | 10.00 | | 66 | 18.9 | 56 | 13.4 | 48 | 8.9 | 52 | 0 | 000 | | 29.21 | | | 30.25 | FM-15 | 0.00 | 30.27 |
| 01 | 1153 | 7 | OVC:08 250 | 10.00 | | 71 | 21.7 | 59 | 14.8 | 49 | 9.4 | 46 | 5 | 360 | | 29.19 | | | 30.23 | FM-15 | 0.00 | 30.25 |
| 01 | 1253 | 7 | OVC:08 250 | 10.00 | | 73 | 22.8 | 60 | 15.5 | 50 | 10.0 | 44 | 5 | 010 | | 29.16 | 8 | +0.06 | 30.20 | FM-15 | 0.00 | 30.22 |
| 01 | 1300 | 4 | | 9.94 | | 73 | 22.8 | 60 | 15.5 | 50 | 10.0 | 44 | 5 | 010 | | 29.15 | 8 | +0.06 | 30.20 | FM-12 | | 30.22 |
| 01 | 1353 | 7 | OVC:08 250 | 10.00 | | 74 | 23.3 | 60 | 15.4 | 49 | 9.4 | 41 | 8 | 360 | | 29.14 | | | 30.17 | FM-15 | 0.00 | 30.19 |
| 01 | 1453 | 7 | BKN:07 250 | 10.00 | | 75 | 23.9 | 60 | 15.4 | 48 | 8.9 | 39 | 5 | 050 | | 29.12 | | | 30.15 | FM-15 | 0.00 | 30.17 |
| 01 | 1553 | 7 | BKN:07 250 | 10.00 | | 77 | 25.0 | 60 | 15.6 | 47 | 8.3 | 35 | 9 | 030 | | 29.11 | 6 | +0.06 | 30.14 | FM-15 | 0.00 | 30.16 |
| 01 | 1600 | 4 | | 9.94 | | 77 | 25.0 | 60 | 15.6 | 47 | 8.3 | 35 | 9 | 030 | | 29.10 | 6 | +0.06 | 30.14 | FM-12 | | 30.16 |
| 01 | 1653 | 7 | BKN:07 250 | 10.00 | | 76 | 24.4 | 60 | 15.6 | 48 | 8.9 | 37 | 9 | 030 | | 29.10 | | | 30.13 | FM-15 | 0.00 | 30.15 |
| 01 | 1753 | 7 | BKN:07 250 | 10.00 | | 72 | 22.2 | 58 | 14.5 | 47 | 8.3 | 41 | 5 | 030 | | 29.10 | | | 30.14 | FM-15 | 0.00 | 30.15 |
| 01 | 1853 | 7 | BKN:07 250 | 10.00 | | 68 | 20.0 | 57 | 14.1 | 49 | 9.4 | 51 | 3 | 040 | | 29.11 | 3 | -0.00 | 30.14 | FM-15 | 0.00 | 30.16 |
| 01 | 1900 | 4 | | 9.94 | | 68 | 20.0 | 57 | 14.1 | 49 | 9.4 | 51 | 3 | 040 | | 29.10 | 2 | -0.01 | 30.14 | FM-12 | | 30.16 |
| 01 | 1953 | 7 | BKN:07 250 | 10.00 | | 65 | 18.3 | 57 | 14.0 | 51 | 10.6 | 61 | 3 | 230 | | 29.13 | | | 30.17 | FM-15 | 0.00 | 30.18 |
| 01 | 2053 | 7 | BKN:07 250 | 10.00 | | 63 | 17.2 | 58 | 14.4 | 54 | 12.2 | 73 | 6 | 210 | | 29.15 | | | 30.19 | FM-15 | 0.00 | 30.20 |
| 01 | 2153 | 7 | BKN:07 250 | 10.00 | | 62 | 16.7 | 57 | 13.9 | 53 | 11.7 | 73 | 8 | 260 | | 29.16 | 1 | -0.06 | 30.20 | FM-15 | 0.00 | 30.22 |
| 01 | 2200 | 4 | | 9.94 | | 62 | 16.7 | 57 | 13.9 | 53 | 11.7 | 73 | 8 | 260 | | 29.15 | 1 | -0.06 | 30.20 | FM-12 | | 30.22 |
| 01 | 2253 | 7 | BKN:07 250 | 10.00 | | 58 | 14.4 | 56 | 13.2 | 54 | 12.2 | 87 | 3 | 050 | | 29.18 | | | 30.22 | FM-15 | 0.00 | 30.23 |
| 01 | 2353 | 7 | CLR:00 | 10.00 | | 56 | 13.3 | 54 | 12.4 | 53 | 11.7 | 90 | 3 | 050 | | 29.16 | | | 30.22 | FM-15 | 0.00 | 30.23 |

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 962 ft. Lat: 35.8181° N Lon: -83.9858° W
Station: **KNOXVILLE AIRPORT, TN US 13891**

Local Climatological Data
Hourly Remarks
October 2017

Generated on 04/11/2018

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

| Date | Time (LST) | Remarks |
|------|------------|--|
| 01 | 0053 | MET11310/01/17 00:53:02 METAR KTYS 010553Z 02007KT 10SM CLR 14/08 A3022 RMK AO2 SLP224 T01440083 10189 20144 50003 (BB) |
| 01 | 0100 | SYN08072326 32966 00207 10144 20083 39873 40224 50003 90553 333 10244 20139 555 90106= |
| 01 | 0153 | MET09510/01/17 01:53:02 METAR KTYS 010653Z 02005KT 10SM CLR 13/08 A3021 RMK AO2 SLP223 T01330083 (BB) |
| 01 | 0253 | MET09510/01/17 02:53:02 METAR KTYS 010753Z 02006KT 10SM CLR 13/08 A3021 RMK AO2 SLP223 T01330078 (BB) |
| 01 | 0353 | MET10110/01/17 03:53:02 METAR KTYS 010853Z 00000KT 10SM CLR 13/09 A3021 RMK AO2 SLP223 T01280089 56001 (BB) |
| 01 | 0400 | SYN06472326 32966 00000 10128 20089 39869 40223 56001 90853 555 90109= |
| 01 | 0453 | MET09510/01/17 04:53:02 METAR KTYS 010953Z 00000KT 10SM CLR 11/09 A3022 RMK AO2 SLP228 T01110094 (BB) |
| 01 | 0553 | MET09510/01/17 05:53:02 METAR KTYS 011053Z 00000KT 10SM CLR 11/09 A3024 RMK AO2 SLP234 T01060089 (BB) |
| 01 | 0653 | MET11310/01/17 06:53:02 METAR KTYS 011153Z 00000KT 10SM CLR 11/10 A3026 RMK AO2 SLP242 T01110100 10144 20089 53016 (BB) |
| 01 | 0700 | SYN08072326 32966 00000 10111 20100 39886 40242 53016 91153 333 10261 20089 555 90112= |
| 01 | 0753 | MET09510/01/17 07:53:02 METAR KTYS 011253Z 00000KT 10SM CLR 12/11 A3028 RMK AO2 SLP248 T01220106 (BB) |
| 01 | 0853 | MET09510/01/17 08:53:02 METAR KTYS 011353Z 05008KT 10SM CLR 16/09 A3028 RMK AO2 SLP250 T01560089 (BB) |
| 01 | 0953 | MET10410/01/17 09:53:02 METAR KTYS 011453Z 00000KT 10SM FEW250 17/09 A3029 RMK AO2 SLP251 T01670089 51009 (KD) |
| 01 | 1000 | SYN06472326 32966 20000 10167 20089 39896 40251 51009 91453 555 90115= |
| 01 | 1053 | MET09810/01/17 10:53:02 METAR KTYS 011553Z 00000KT 10SM FEW250 19/09 A3027 RMK AO2 SLP244 T01890089 (KD) |
| 01 | 1153 | MET09810/01/17 11:53:02 METAR KTYS 011653Z 36004KT 10SM OVC250 22/09 A3025 RMK AO2 SLP236 T02170094 (KD) |
| 01 | 1253 | MET11610/01/17 12:53:02 METAR KTYS 011753Z 01004KT 10SM OVC250 23/10 A3022 RMK AO2 SLP227 T02280100 10228 20106 58021 (KD) |
| 01 | 1300 | SYN08072326 32966 80104 10228 20100 39873 40227 58021 91753 333 10228 20106 555 90118= |
| 01 | 1353 | MET09810/01/17 13:53:02 METAR KTYS 011853Z 36007KT 10SM OVC250 23/09 A3019 RMK AO2 SLP216 T02330094 (KD) |
| 01 | 1453 | MET09810/01/17 14:53:02 METAR KTYS 011953Z 05004KT 10SM BKN250 24/09 A3017 RMK AO2 SLP209 T02390089 (KD) |
| 01 | 1553 | MET10410/01/17 15:53:02 METAR KTYS 012053Z 03008KT 10SM BKN250 25/08 A3016 RMK AO2 SLP205 T02500083 56021 (GW) |
| 01 | 1600 | SYN06472326 32966 60308 10250 20083 39853 40205 56021 92053 555 90121= |
| 01 | 1653 | MET09810/01/17 16:53:02 METAR KTYS 012153Z 03008KT 10SM BKN250 24/09 A3015 RMK AO2 SLP202 T02440089 (GW) |
| 01 | 1753 | MET09810/01/17 17:53:02 METAR KTYS 012253Z 03004KT 10SM BKN250 22/08 A3015 RMK AO2 SLP205 T02220083 (GW) |
| 01 | 1853 | MET11610/01/17 18:53:02 METAR KTYS 012353Z 04003KT 10SM BKN250 20/09 A3016 RMK AO2 SLP208 T02000094 10250 20200 53000 (GW) |
| 01 | 1900 | SYN08072326 32966 60403 10200 20094 39853 40208 53000 92353 333 10250 20089 555 90200= |
| 01 | 1953 | MET09310/01/17 19:53:01 METAR KTYS 020053Z 23003KT 10SM BKN250 18/11 A3018 RMK AO2 SLP216 T01830106 |
| 01 | 2053 | MET09310/01/17 20:53:02 METAR KTYS 020153Z 21005KT 10SM BKN250 17/12 A3020 RMK AO2 SLP223 T01720122 |
| 01 | 2153 | MET09910/01/17 21:53:02 METAR KTYS 020253Z 26007KT 10SM BKN250 17/12 A3022 RMK AO2 SLP228 T01670117 51020 |
| 01 | 2200 | SYN06472326 32966 62607 10167 20117 39873 40228 51020 90253 555 90203= |
| 01 | 2253 | MET09310/01/17 22:53:02 METAR KTYS 020353Z 05003KT 10SM BKN250 14/12 A3023 RMK AO2 SLP232 T01440122 |
| 01 | 2353 | MET08310/01/17 23:53:02 METAR KTYS 020453Z 05003KT 10SM CLR 13/12 RMK AO2 SLP233T01330117 |

Local Climatological Data Hourly Precipitation October 2017

Generated on 04/11/2018

| Date | For Hour (LST) Ending at | | | | | | | | | | | | | | | | | | | | | | | Date | | |
|------|--------------------------|------|------|-------|------|------|-------|------|------|-------|-------|------|------|------|------|------|------|------|-------|------|------|-------|-------|------|-----|----|
| | 1 AM | 2 AM | 3 AM | 4 AM | 5 AM | 6 AM | 7 AM | 8 AM | 9 AM | 10 AM | 11 AM | NOON | 1 PM | 2 PM | 3 PM | 4 PM | 5 PM | 6 PM | 7 PM | 8 PM | 9 PM | 10 PM | 11 PM | | MID | |
| 01 | | | | | | | | | | | | | | | | | | | | | | | | | 01 | |
| 02 | | | | | | | | | | | | | | | | | | | | | | | | | | 02 |
| 03 | | | | | | | | | | | | | | | | | | | | | | | | | | 03 |
| 04 | | | | | | | | | | | | | | | | | | | | | | | | | | 04 |
| 05 | | | | | | | | | | | | | | | | | | | | | | | | | | 05 |
| 06 | | | | | | | | | | | | | | | | | | | | | | | | | | 06 |
| 07 | | | | | | | | | | | | | | | | | | | | | | | | | T | 07 |
| 08 | T | T | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | 0.07 | 0.03 | 0.15 | 0.13 | 0.09 | 0.08 | 0.69 | 0.20 | 0.07 | 0.11 | 0.18 | 0.09 | 0.11 | 0.05 | 0.03 | 0.01 | T | 08 | |
| 09 | | | | T | | | | | | | | | | | | | | | | | | | | | | 09 |
| 10 | | | | | | | | | T | | | | | | | | | | | | | | | | | 10 |
| 11 | | | 0.01 | | | | | | | | T | | | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | | | | | | | | | 0.18s | 0.13 | 0.12 | 0.04 | 0.01 | 0.03 | 15 | |
| 16 | 0.07 | 0.01 | T | | | | | | | T | | | T | | | T | | | | | | | | | 16 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | 0.05s | 0.12 | 0.15 | 0.63 | 0.34 | 0.22 | 0.04 | | | 0.01 | T | | T | T | | | | | 23 | |
| 24 | | | | | | | | | | | | 0.01 | | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | T | T | 27 |
| 28 | | | | 0.01s | 0.04 | 0.04 | 0.03 | 0.02 | 0.03 | 0.09 | 0.12 | 0.14 | 0.26 | 0.14 | 0.04 | 0.01 | 0.03 | 0.01 | 0.02 | T | T | | | | 28 | |
| 29 | | T | T | T | | T | T | | | | | | | | | | | | | | | | | | | 29 |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 31 |

Maximum Short Duration Precipitation

| Time Period (Minutes) | 5 | 10 | 15 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Precipitation (inches) | 0.22 | 0.38 | 0.46 | 0.50 | 0.58 | 0.66 | 0.75 | 0.84 | 0.90 | 0.97 | 1.10 | 1.20 |
| Ending Date Time (yyyy-mm-dd hh:mi) | 2017-10-23 09:48 | 2017-10-23 09:53 | 2017-10-23 09:57 | 2017-10-23 10:01 | 2017-10-08 13:47 | 2017-10-23 10:26 | 2017-10-23 10:41 | 2017-10-23 10:55 | 2017-10-23 10:55 | 2017-10-23 10:59 | 2017-10-23 12:04 | 2017-10-23 12:04 |

Hourly, daily, and monthly totals on the Daily Summary page and the Hourly Precipitation Table are shown as reported by the instrumentation at the site. However, NWS does not edit hourly values for its ASOS sites, but may edit the daily and monthly totals for selected sites which will be reflected on the Daily Summary page.

T = Trace
 s = Suspect
 * = Erroneous
 blank = No precipitation observed
 M = Missing