

Local Climatological Data Daily Summary March 2018

Generated on 04/04/2018

| 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 | | 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 | 60 | 51 | 56 | 10.2 | | | | 9 | 0 | 0708 | 1832 | RA BR | 0.96 | | | 28.90 | | 3.8 | 23 | 270 | 14 | 310 | | |
| 02 | 56 | 38 | 47 | 0.9 | | | | 18 | 0 | 0706 | 1833 | RA | T | | | 29.28 | | 4.6 | 20 | 350 | 14 | 330 | | |
| 03 | 57 | 33 | 45 | -1.4 | | | | 20 | 0 | 0705 | 1834 | | 0.00 | | | 29.38 | | 4.2 | 20 | 080 | 13 | 070 | | |
| 04 | 61 | 31 | 46 | -0.7 | | | | 19 | 0 | 0704 | 1835 | | 0.00 | | | 29.31 | | 2.8 | 16 | 060 | 12 | 070 | | |
| 05 | 59 | 36 | 48 | 1.0 | | | | 17 | 0 | 0702 | 1835 | RA | 0.03 | | | 29.11 | | 2.1 | 14 | 160 | 10 | 160 | | |
| 06 | 65 | 48 | 56 | 8.7 | | | | 9 | 0 | 0701 | 1836 | RA BR | 0.33 | | | 28.87 | | 3.5 | 20 | 240 | 14 | 190 | | |
| 07 | 51 | 36 | 44 | -3.7 | | | | 21 | 0 | 0659 | 1837 | | 0.00 | | | 28.97 | | 6.3 | 33 | 310 | 18 | 310 | | |
| 08 | 39 | 33 | 36 | -12.0 | | | | 29 | 0 | 0658 | 1838 | | T | | | 29.07 | | 5.7 | 23 | 270 | 15 | 270 | | |
| 09 | 52 | 24* | 38 | -10.3 | | | | 27 | 0 | 0657 | 1839 | | 0.00 | | | 29.10 | | 2.1 | 15 | 200 | 10 | 180 | | |
| 10 | 59 | 39 | 49 | 0.4 | | | | 16 | 0 | 0655 | 1840 | RA | T | | | 29.00 | | 2.8 | 16 | 160 | 12 | 190 | | |
| 11 | 54 | 48 | 51 | 2.1 | | | | 14 | 0 | 0654 | 1841 | RA BR | 0.53 | | | 28.95 | | 2.4 | 16 | 340 | 10 | 320 | | |
| 12 | 50 | 35 | 42 | -7.2 | | | | 23 | 0 | 0652 | 1842 | RA SN BR | 0.01 | | | 28.94 | | 6.1 | 24 | 330 | 16 | 330 | | |
| 13 | 51 | 31 | 41 | -8.5 | | | | 24 | 0 | 0651 | 1843 | | T | | | 29.11 | | 5.0 | 23 | 310 | 14 | 290 | | |
| 14 | 47 | 31 | 39 | -10.8 | | | | 26 | 0 | 0650 | 1843 | SN | T | | | 29.13 | | 5.1 | 19s | 250s | 13 | 270 | | |
| 15 | 68 | 29 | 48 | -2.1 | | | | 17 | 0 | 0648 | 1844 | | 0.00 | | | 29.00 | | 5.3 | 28 | 250 | 17 | 260 | | |
| 16 | 69 | 42 | 56 | 5.6 | | | | 9 | 0 | 0647 | 1845 | | 0.00 | | | 29.02 | | 2.5 | 13 | 070 | 9 | 090 | | |
| 17 | 76 | 47 | 62 | 11.3 | | | | 3 | 0 | 0645 | 1846 | RA BR | 0.15 | | | 28.92 | | 4.6 | 24 | 220 | 16 | 190 | | |
| 18 | 66 | 50 | 58 | 7.0 | | | | 7 | 0 | 0644 | 1847 | | 0.00 | | | 28.95 | | 2.0 | 14 | 070 | 9 | 070 | | |
| 19 | 67 | 50 | 58 | 6.7 | | | | 7 | 0 | 0642 | 1848 | RA BR | 0.70 | | | 28.76 | | 2.2 | 18 | 280 | 10 | 290 | | |
| 20 | 61 | 36 | 48 | -3.6 | | | | 17 | 0 | 0641 | 1849 | RA SN | 0.01 | | | 28.59 | | 5.5 | 29 | 270 | 16 | 260 | | |
| 21 | 38 | 33 | 36 | -15.9 | | | | 29 | 0 | 0640 | 1849 | SN BR | 0.05 | | | 28.92 | | 4.9 | 18s | 270s | 12 | 270 | | |
| 22 | 52 | 28 | 40 | -12.2 | | | | 25 | 0 | 0638 | 1850 | | 0.00 | | | 29.28 | | 2.6 | 19 | 290 | 12 | 260 | | |
| 23 | 51 | 29 | 40 | -12.5 | | | | 25 | 0 | 0637 | 1851 | RA | T | | | 29.31 | | 0.7 | 10 | 170 | 7 | 180 | | |
| 24 | 44 | 41 | 42 | -10.8 | | | | 23 | 0 | 0635 | 1852 | RA BR | 0.99 | | | 29.08 | | 2.9 | 18 | 060 | 13 | 060 | | |
| 25 | 59 | 43 | 51 | -2.0 | | | | 14 | 0 | 0634 | 1853 | RA BR | 0.06 | | | 29.07 | | 4.1 | 17 | 070 | 12 | 060 | | |
| 26 | 59 | 48 | 54 | 0.7 | | | | 11 | 0 | 0632 | 1854 | | 0.00 | | | 29.33 | | 2.5 | 15 | 260 | 9 | 260 | | |
| 27 | 61 | 48 | 54 | 0.4 | | | | 11 | 0 | 0631 | 1854 | | 0.00 | | | 29.31 | | 4.9 | 20 | 220 | 15 | 210 | | |
| 28 | 71 | 54 | 62 | 8.1 | | | | 3 | 0 | 0629 | 1855 | | 0.00 | | | 29.09 | | 3.5 | 19 | 200 | 10 | 210 | | |
| 29 | 77* | 58 | 68 | 13.8 | | | | 0 | 3 | 0628 | 1856 | RA FG BR | 0.65 | 0.0 | 0 | 28.94 | | 5.7 | 27 | 190 | 17 | 180 | | |
| 30 | 60 | 40 | 50 | -4.4 | | | | 15 | 0 | 0627 | 1857 | RA | 0.02 | | | 29.09 | | 5.1 | 23 | 290 | 15 | 290 | | |
| 31 | 69 | 35 | 52 | -2.7 | | | | 13 | 0 | 0625 | 1858 | RA FG BR | T | | | 29.28 | | 2.4 | 19 | 190 | 14 | 190 | | |
| | 58.4 | 39.5 | 49.0 | | | | | | | | | | Monthly Averages Totals | | | 4.49 | | 29.07 | 30.04 | | | | | |
| | -3.0 | 0.2 | -1.4 | | | | | | | | | | Departure from Normal (1981-2010) | | | -0.57 | | | | | | | | |
| | Degree Days | | | | | | | | | | Number of days with... | | | | | | | | | | | | | |
| | Monthly | | | | Season-to-date | | | | Temperature | | | | Precipitation | | Snow | | Weather | | | | | | | |
| | Total | | Departure | | Total | | Departure | | Max | | Min | | Precipitation | | Snow | | Weather | | | | | | | |
| | Heating | | Cooling | | >=90° | | <=32° | | <=32° | | <=0° | | >=0.01" | | >=0.1" | | >=1" | | T-Storms | | Heavy Fog | | | |
| | 0 | | 0 | | 7 | | 0 | | 13 | | 7 | | | | | | | | | | | | | |
| | Date of 5-sec to 3-sec wind equipment change | | | | | | | Sea Level Pressure | | | | | | | Greatest... | | | | | | | | | |
| | 2007-03-22 | | | | | | | Maximum | | | Date | | | Time | | | 24-Hr... | | | Snow Depth | | | | |
| | | | | | | | | 30.45 | | | 03 | | | 1127 | | | Precip | | | Snowfall | | | | |
| | | | | | | | | 29.48 | | | 19 | | | 2022 | | | 1.05s | | | | | | | |
| | | | | | | | | | | | | | | | Date | | | | | | | | | |
| | | | | | | | | | | | | | | | 24-25 | | | | | | | | | |
| | Station Augmentation | | | | | | | | | | | | | | | | | | | | | | | |
| | Name:OAK RIDGE ATDD, TN Lat: 35.998 Lon: -84.2192 Elevation: 1019ft Distance: 1.5mi SW Elements: TEMP, PRECIP, SNOW Equipment: PRECIP-MODEL TRP525M, TEMP-VAISALA HMP35C, SNOWBOARD, SNOWSTICK | | | | | | | | | | | | | | | | | | | | | | | |

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 900 ft. Lat: 36.0230° N Lon: -84.2337° W
Station: OAK RIDGE ASOS, TN US 53868

Local Climatological Data Hourly Observations March 2018

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

Generated on 04/04/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation) | 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) |
|------|------------|--------------|-------------------------------------|-------------|----------------------------------|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
| | | | | | AU AW MW | (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 | OVC:08 7 | 5.00 | -RA:02 BR:1 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.96 | 7 | +0.03 | 29.93 | FM-15 | 0.06 | 29.93 |
| 01 | 0145 | 7 | OVC:08 4 | 9.00 | -RA:02 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.92 | | | | FM-16 | 0.02 | 29.89 |
| 01 | 0153 | 7 | OVC:08 4 | 10.00 | -RA:02 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.91 | | | 29.88 | FM-15 | 0.02 | 29.88 |
| 01 | 0201 | 7 | OVC:08 5 | 9.00 | -RA:02 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.91 | | | | FM-16 | 0.01 | 29.88 |
| 01 | 0235 | 7 | SCT:04 8 BKN:07 14 OVC:08 80 | 7.00 | -RA:02 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 3 | 220 | | 28.92 | | | | FM-16 | 0.02 | 29.89 |
| 01 | 0253 | 7 | BKN:07 13 BKN:07 37 OVC:08 80 | 7.00 | -RA:02 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 3 | VRB | | 28.92 | | | 29.89 | FM-15 | 0.04 | 29.89 |
| 01 | 0300 | 7 | FEW:02 9 OVC:08 13 | 5.00 | RA:02 BR:1 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.92 | | | | FM-16 | 0.01 | 29.89 |
| 01 | 0322 | 7 | SCT:04 13 BKN:07 75 OVC:08 90 | 4.00 | RA:02 BR:1 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.88 | | | | FM-16 | 0.05 | 29.85 |
| 01 | 0353 | 7 | OVC:08 90 | 7.00 | -RA:02 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.89 | 6 | +0.07 | 29.85 | FM-15 | 0.06 | 29.86 |
| 01 | 0412 | 7 | FEW:02 9 OVC:08 85 | 5.00 | RA:02 BR:1 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.87 | | | | FM-16 | 0.02 | 29.84 |
| 01 | 0434 | 7 | BKN:07 9 OVC:08 85 | 4.00 | RA:02 BR:1 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.87 | | | | FM-16 | 0.05 | 29.84 |
| 01 | 0451 | 7 | OVC:08 10 | 4.00 | RA:02 BR:1 RA | 54 | 12.0 | 54 | 12.2 | 54 | 12.0 | 100 | 0 | 000 | | 28.86 | | | | FM-16 | 0.09 | 29.83 |
| 01 | 0453 | 7 | OVC:08 10 | 5.00 | RA:02 BR:1 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.86 | | | 29.83 | FM-15 | 0.11 | 29.83 |
| 01 | 0516 | 7 | OVC:08 9 | 2.50 | RA:02 BR:1 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.86 | | | | FM-16 | 0.04 | 29.83 |
| 01 | 0545 | 7 | OVC:08 9 | 4.00 | RA:02 BR:1 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.86 | | | | FM-16 | 0.13 | 29.83 |
| 01 | 0553 | 7 | OVC:08 8 | 4.00 | -RA:02 BR:1 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.85 | | | 29.82 | FM-15 | 0.14 | 29.82 |
| 01 | 0634 | 7 | SCT:04 8 OVC:08 24 | 2.50 | RA:02 BR:1 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.85 | | | | FM-16 | 0.06 | 29.82 |
| 01 | 0650 | 6 | BKN:07 8 BKN:07 25 OVC:08 70 | 4.00 | RA:02 BR:1 RA | 54 | 12.0 | 54 | 12.2 | 54 | 12.0 | 100 | 0 | 000 | | 28.85 | | | | FM-16 | | 29.82 |
| 01 | 0653 | 7 | BKN:07 8 BKN:07 23 OVC:08 70 | 4.00 | -RA:02 BR:1 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.84 | 6 | +0.01 | 29.81 | FM-15 | 0.10 | 29.81 |
| 01 | 0753 | 7 | BKN:07 8 OVC:08 14 | 6.00 | -RA:02 BR:1 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 0 | 000 | | 28.84 | | | 29.81 | FM-15 | 0.03 | 29.81 |
| 01 | 0835 | 7 | BKN:07 10 OVC:08 24 | 3.00 | -RA:02 BR:1 RA | 53 | 11.7 | 53 | 11.7 | 53 | 11.7 | 100 | 3 | 140 | | 28.83 | | | | FM-16 | 0.03 | 29.80 |
| 01 | 0853 | 7 | BKN:07 11 OVC:08 24 | 6.00 | -RA:02 BR:1 RA | 54 | 12.2 | 54 | 12.2 | 54 | 12.2 | 100 | 0 | 000 | | 28.83 | | | 29.80 | FM-15 | 0.05 | 29.80 |
| 01 | 0945 | 7 | FEW:02 4 BKN:07 14 OVC:08 43 | 4.00 | RA:02 BR:1 RA | 54 | 12.2 | 54 | 12.2 | 54 | 12.2 | 100 | 0 | 000 | | 28.86 | | | | FM-16 | 0.03 | 29.83 |
| 01 | 0951 | 6 | FEW:02 3 BKN:07 31 OVC:08 70 | 3.00 | RA:02 BR:1 RA | 54 | 12.0 | 54 | 12.2 | 54 | 12.0 | 100 | 0 | 000 | | 28.87 | | | | FM-16 | | 29.84 |
| 01 | 0953 | 7 | FEW:02 3 BKN:07 31 OVC:08 60 | 2.50V | RA:02 BR:1 RA | 55 | 12.8 | 55 | 12.8 | 55 | 12.8 | 100 | 0 | 000 | | 28.87 | 3 | -0.03 | 29.84 | FM-15 | 0.04 | 29.84 |
| 01 | 1029 | 7 | FEW:02 3 SCT:04 65 OVC:08 80 | 4.00 | -RA:02 BR:1 RA | 55 | 12.8 | 55 | 12.8 | 55 | 12.8 | 100 | 0 | 000 | | 28.85 | | | | FM-16 | 0.08 | 29.82 |
| 01 | 1053 | 7 | OVC:08 80 | 3.00 | -RA:02 BR:1 RA | 56 | 13.3 | 56 | 13.3 | 56 | 13.3 | 100 | 0 | 000 | | 28.84 | | | 29.80 | FM-15 | 0.12 | 29.81 |

| | | | | | | | | | | | | | | | | | | | | | | |
|----|------|---|--------------------------------------|-------|-----------------|----|------|----|------|----|------|-----|----|-----|----|-------|---|-------|-------|-------|------|-------|
| 01 | 1109 | 7 | FEW:02 4 BKN:07 80 OVC:08 90 | 9.00 | -RA:02 RA | 56 | 13.3 | 56 | 13.3 | 56 | 13.3 | 100 | 3 | VRB | | 28.84 | | | | FM-16 | 0.01 | 29.81 |
| 01 | 1149 | 7 | BKN:07 4 BKN:07 70 OVC:08 85 | 4.00 | -RA:02 BR:1 RA | 55 | 13.0 | 55 | 12.8 | 55 | 13.0 | 100 | 3 | 170 | | 28.85 | | | | FM-16 | 0.06 | 29.82 |
| 01 | 1153 | 7 | BKN:07 4 OVC:08 80 | 5.00 | -RA:02 BR:1 RA | 57 | 13.9 | 57 | 13.9 | 57 | 13.9 | 100 | 3 | 150 | | 28.85 | | | 29.82 | FM-15 | 0.06 | 29.82 |
| 01 | 1230 | 7 | BKN:07 5 OVC:08 65 | 10.00 | -RA:02 RA | 58 | 14.4 | 58 | 14.4 | 58 | 14.4 | 100 | 3 | 210 | | 28.85 | | | | FM-16 | 0.01 | 29.82 |
| 01 | 1253 | 7 | OVC:08 5 | 10.00 | -RA:02 RA | 58 | 14.4 | 58 | 14.4 | 58 | 14.4 | 100 | 7 | 200 | | 28.84 | 8 | +0.00 | 29.80 | FM-15 | 0.02 | 29.81 |
| 01 | 1353 | 7 | OVC:08 8 | 10.00 | -RA:02 RA | 58 | 14.4 | 58 | 14.4 | 58 | 14.4 | 100 | 8 | VRB | | 28.81 | | | 29.78 | FM-15 | 0.01 | 29.78 |
| 01 | 1423 | 7 | BKN:07 11 OVC:08 70 | 10.00 | -RA:02 RA | 59 | 15.0 | 59 | 15.0 | 59 | 15.0 | 100 | 7 | 210 | | 28.79 | | | | FM-16 | T | 29.76 |
| 01 | 1453 | 7 | OVC:08 11 | 10.00 | | 59 | 15.0 | 58 | 14.7 | 58 | 14.4 | 96 | 6 | 230 | | 28.81 | | | 29.77 | FM-15 | T | 29.78 |
| 01 | 1536 | 7 | SCT:04 12 BKN:07 19 OVC:08 44 | 1.75 | +RA:02 BR:1 RA | 58 | 14.4 | 58 | 14.4 | 58 | 14.4 | 100 | 6 | VRB | | 28.83 | | | | FM-16 | 0.01 | 29.80 |
| 01 | 1550 | 6 | FEW:02 17 BKN:07 28 OVC:08 60 | 2.00V | -RA:02 BR:1 RA | 57 | 14.0 | 57 | 13.9 | 57 | 14.0 | 100 | 6 | VRB | | 28.84 | | | | FM-16 | | 29.81 |
| 01 | 1551 | 6 | SCT:04 17 BKN:07 28 OVC:08 70 | 3.00 | -RA:02 BR:1 RA | 57 | 14.0 | 57 | 13.9 | 57 | 14.0 | 100 | 7 | 250 | | 28.84 | | | | FM-16 | | 29.81 |
| 01 | 1553 | 7 | FEW:02 13 BKN:07 26 OVC:08 70 | 6.00 | -RA:02 BR:1 RA | 58 | 14.4 | 58 | 14.4 | 58 | 14.4 | 100 | 7 | 250 | | 28.83 | 0 | -0.02 | 29.80 | FM-15 | 0.09 | 29.80 |
| 01 | 1601 | 7 | FEW:02 24 BKN:07 55 OVC:08 80 | 10.00 | -RA:02 RA | 59 | 15.0 | 58 | 14.7 | 58 | 14.4 | 96 | 8 | 260 | 18 | 28.85 | | | | FM-16 | T | 29.82 |
| 01 | 1653 | 7 | FEW:02 23 BKN:07 60 OVC:08 80 | 9.00 | -RA:02 RA | 58 | 14.4 | 56 | 13.5 | 55 | 12.8 | 90 | 9 | VRB | 17 | 28.87 | | | 29.84 | FM-15 | 0.01 | 29.84 |
| 01 | 1753 | 7 | BKN:07 44 BKN:07 60 OVC:08 110 | 10.00 | | 58 | 14.4 | 55 | 12.9 | 53 | 11.7 | 84 | 11 | 250 | 20 | 28.91 | | | 29.88 | FM-15 | T | 29.88 |
| 01 | 1853 | 7 | FEW:02 49 SCT:04 55 | 10.00 | | 57 | 13.9 | 52 | 11.0 | 47 | 8.3 | 69 | 8 | VRB | | 28.96 | 3 | -0.12 | 29.92 | FM-15 | 0.00 | 29.93 |
| 01 | 1953 | 7 | OVC:08 46 | 10.00 | | 56 | 13.3 | 50 | 9.9 | 44 | 6.7 | 65 | 5 | VRB | | 29.02 | | | 29.98 | FM-15 | 0.00 | 29.99 |
| 01 | 2053 | 7 | OVC:08 48 | 10.00 | | 55 | 12.8 | 48 | 9.0 | 41 | 5.0 | 59 | 5 | VRB | | 29.06 | | | 30.02 | FM-15 | 0.00 | 30.03 |
| 01 | 2153 | 7 | BKN:07 47 BKN:07 55 | 10.00 | | 52 | 11.1 | 48 | 8.9 | 44 | 6.7 | 75 | 0 | 000 | | 29.08 | 1 | -0.12 | 30.05 | FM-15 | 0.00 | 30.05 |
| 01 | 2253 | 7 | OVC:08 47 | 10.00 | | 52 | 11.1 | 46 | 7.9 | 40 | 4.4 | 64 | 3 | 290 | | 29.10 | | | 30.08 | FM-15 | 0.00 | 30.08 |
| 01 | 2353 | 7 | OVC:08 45 | 10.00 | | 52 | 11.1 | 45 | 7.4 | 38 | 3.3 | 59 | 8 | 320 | | 29.13 | | | 30.10 | FM-15 | 0.00 | 30.11 |

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 900 ft. Lat: 36.0230° N Lon: -84.2337° W
Station: OAK RIDGE ASOS, TN US 53868

Local Climatological Data
Hourly Remarks
March 2018

Generated on 04/04/2018

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

| Date | Time (LST) | Remarks |
|------|------------|--|
| 01 | 0053 | MET12903/01/18 00:53:02 METAR KOQT 010553Z 0000KT 5SM -RA BR OVC007 12/12 A2993 RMK AO2 SLP134 P0006 60045 T01170117 10117 20111 57009 |
| 01 | 0145 | MET11103/01/18 01:45:02 SPECI KOQT 010645Z 0000KT 9SM -RA OVC004 12/12 A2989 RMK AO2 CIG 002V006 P0002 T01170117 RTX |
| 01 | 0153 | MET11503/01/18 01:53:02 METAR KOQT 010653Z 0000KT 10SM -RA OVC004 12/12 A2988 RMK AO2 CIG 002V008 SLP120 P0002 T01170117 |
| 01 | 0201 | MET10703/01/18 02:01:02 SPECI KOQT 010701Z 0000KT 9SM -RA OVC005 12/12 A2988 RMK AO2 CIG 002V008 P0001 T01170117 |
| 01 | 0235 | MET11303/01/18 02:35:02 SPECI KOQT 010735Z 22003KT 7SM -RA SCT008 BKN014 OVC080 12/12 A2989 RMK AO2 P0002 T01170117 RTX |
| 01 | 0253 | MET11603/01/18 02:53:02 METAR KOQT 010753Z VRB03KT 7SM -RA BKN013 BKN037 OVC080 12/12 A2989 RMK AO2 SLP123 P0003 T01170117 |
| 01 | 0300 | MET10803/01/18 03:00:02 SPECI KOQT 010800Z 0000KT 5SM RA BR FEW009 OVC013 12/12 A2989 RMK AO2 P0001 T01170117 RTX |
| 01 | 0322 | MET11803/01/18 03:22:02 SPECI KOQT 010822Z 0000KT 4SM RA BR SCT013 BKN075 OVC090 12/12 A2985 RMK AO2 PRESFR P0005 T01170117 |
| 01 | 0353 | MET11403/01/18 03:53:02 METAR KOQT 010853Z 0000KT 7SM -RA OVC090 12/12 A2986 RMK AO2 SLP110 P0007 60012 T01170117 56024 |
| 01 | 0412 | MET10403/01/18 04:12:02 SPECI KOQT 010912Z 0000KT 5SM RA BR FEW009 OVC085 12/12 A2984 RMK AO2 P0002 T01170117 |
| 01 | 0434 | MET12003/01/18 04:34:02 SPECI KOQT 010934Z 0000KT 4SM RA BR BKN009 OVC085 12/12 A2984 RMK AO2 CIG 008V012 P0005 T01170117 RTX |
| 01 | 0451 | MET08703/01/18 04:51:02 SPECI KOQT 010951Z 0000KT 4SM RA BR OVC010 12/12 A2983 RMK AO2 P0009 |
| 01 | 0453 | MET10403/01/18 04:53:02 METAR KOQT 010953Z 0000KT 5SM RA BR OVC010 12/12 A2983 RMK AO2 SLP100 P0010 T01170117 |
| 01 | 0516 | MET10103/01/18 05:16:02 SPECI KOQT 011016Z 0000KT 2 1/2SM RA BR OVC009 12/12 A2983 RMK AO2 P0004 T01170117 |
| 01 | 0545 | MET09703/01/18 05:45:02 SPECI KOQT 011045Z 0000KT 4SM RA BR OVC009 12/12 A2983 RMK AO2 P0013 T01170117 |
| 01 | 0553 | MET10503/01/18 05:53:02 METAR KOQT 011053Z 0000KT 4SM -RA BR OVC008 12/12 A2982 RMK AO2 SLP097 P0014 T01170117 |
| 01 | 0634 | MET11203/01/18 06:34:02 SPECI KOQT 011134Z 0000KT 2 1/2SM RA BR SCT008 OVC024 12/12 A2982 RMK AO2 P0006 T01170117 RTX |
| 01 | 0650 | MET11003/01/18 06:50:02 SPECI KOQT 011150Z 0000KT 4SM RA BR BKN008 BKN025 OVC070 12/12 A2982 RMK AO2 P0009 RTX FIBI |
| 01 | 0653 | MET15303/01/18 06:53:02 METAR KOQT 011153Z 0000KT 4SM -RA BR BKN008 BKN023 OVC070 12/12 A2981 RMK AO2 SLP095 P0010 60046 70116 T01170117 10122 20117 56005 RTX |
| 01 | 0753 | MET11203/01/18 07:53:02 METAR KOQT 011253Z 0000KT 6SM -RA BR BKN008 OVC014 12/12 A2981 RMK AO2 SLP094 P0004 T01170117 |
| 01 | 0835 | MET10503/01/18 08:35:02 SPECI KOQT 011335Z 14003KT 3SM -RA BR BKN010 OVC024 12/12 A2980 RMK AO2 P0003 T01170117 |
| 01 | 0853 | MET11203/01/18 08:53:02 METAR KOQT 011353Z 0000KT 6SM -RA BR BKN011 OVC024 12/12 A2980 RMK AO2 SLP091 P0004 T01220122 |
| 01 | 0945 | MET12203/01/18 09:45:02 SPECI KOQT 011445Z 0000KT 4SM RA BR FEW004 BKN014 OVC043 12/12 A2983 RMK AO2 PRESRR P0003 T01220122 RTX |
| 01 | 0951 | MET10603/01/18 09:51:02 SPECI KOQT 011451Z 0000KT 3SM RA BR FEW003 BKN031 OVC070 12/12 A2984 RMK AO2 P0004 FIBI |
| 01 | 0953 | MET15303/01/18 09:53:02 METAR KOQT 011453Z 0000KT 2 1/2SM RA BR FEW003 BKN031 OVC060 13/13 A2984 RMK AO2 VIS 1 3/4V4 PRESRR SLP104 P0004 60012 T01280128 53009 |
| 01 | 1029 | MET11203/01/18 10:29:02 SPECI KOQT 011529Z 0000KT 4SM -RA BR FEW003 SCT065 OVC080 13/13 A2982 RMK AO2 P0008 T01280128 |
| 01 | 1053 | MET10503/01/18 10:53:02 METAR KOQT 011553Z 0000KT 3SM -RA BR OVC080 13/13 A2981 RMK AO2 SLP093 P0012 T01330133 |
| 01 | 1109 | MET10903/01/18 11:09:02 SPECI KOQT 011609Z VRB03KT 9SM -RA FEW004 BKN080 OVC090 13/13 A2981 RMK AO2 P0001 T01330133 |
| 01 | 1149 | MET10203/01/18 11:49:02 SPECI KOQT 011649Z 17003KT 4SM -RA BR BKN004 BKN070 OVC085 13/13 A2982 RMK AO2 P0006 |
| 01 | 1153 | MET11603/01/18 11:53:02 METAR KOQT 011653Z 15003KT 5SM -RA BR BKN004 OVC080 14/14 A2982 RMK AO2 SLP097 P0007 T01390139 RTX |
| 01 | 1230 | MET10303/01/18 12:30:02 SPECI KOQT 011730Z 21003KT 10SM -RA BKN005 OVC065 14/14 A2982 RMK AO2 P0001 T01440144 |
| 01 | 1253 | MET13903/01/18 12:53:02 METAR KOQT 011753Z 20006KT 10SM -RA OVC005 14/14 A2981 RMK AO2 CIG 004V009 SLP092 P0002 60033 T01440144 10144 20117 58001 |
| 01 | 1353 | MET10303/01/18 13:53:02 METAR KOQT 011853Z 20007KT 10SM -RA OVC008 14/14 A2978 RMK AO2 SLP083 P0001 T01440144 |
| 01 | 1423 | MET10703/01/18 14:23:02 SPECI KOQT 011923Z 21006KT 10SM -RA BKN011 OVC070 15/15 A2976 RMK AO2 P0000 T01500150 RTX |
| 01 | 1453 | MET10503/01/18 14:53:02 METAR KOQT 011953Z 23005KT 10SM OVC011 15/14 A2978 RMK AO2 RAE38 SLP082 P0000 T01500144 |
| 01 | 1536 | MET12603/01/18 15:36:02 SPECI KOQT 012036Z VRB05KT 1 3/4SM +RA BR SCT012 BKN019 OVC044 14/14 A2980 RMK AO2 RAB27 P0001 T01440144 RTX |
| 01 | 1550 | MET12303/01/18 15:50:02 SPECI KOQT 012050Z VRB05KT 2SM -RA BR FEW017 BKN028 OVC060 14/14 A2981 RMK AO2 VIS 1/2V5 RAB27 P0009 FIBI |
| 01 | 1551 | MET11703/01/18 15:51:02 SPECI KOQT 012051Z 25006KT 3SM -RA BR SCT017 BKN028 OVC070 14/14 A2981 RMK AO2 RAB27 P0009 RTX FIBI |
| 01 | 1553 | MET14103/01/18 15:53:02 METAR KOQT 012053Z 25006KT 6SM -RA BR FEW013 BKN026 OVC070 14/14 A2980 RMK AO2 RAB27 SLP090 P0009 60010 T01440144 50007 RTX |
| 01 | 1601 | MET11303/01/18 16:01:02 SPECI KOQT 012101Z 26007G16KT 10SM -RA FEW024 BKN055 OVC080 15/14 A2982 RMK AO2 P0000 T01500144 |
| 01 | 1653 | MET11903/01/18 16:53:02 METAR KOQT 012153Z 26008G15KT 9SM -RA FEW023 BKN060 OVC080 14/13 A2984 RMK AO2 SLP104 P0001 T01440128 |
| 01 | 1753 | MET12203/01/18 17:53:02 METAR KOQT 012253Z 25010G17KT 10SM BKN044 BKN060 OVC110 14/12 A2988 RMK AO2 RAE15 SLP117 P0000 T01440117 |
| 01 | 1853 | MET12403/01/18 18:53:02 METAR KOQT 012353Z 28007KT 10SM FEW049 SCT055 14/08 A2993 RMK AO2 SLP133 60011 T01390083 10156 20139 53041 |
| 01 | 1953 | MET09303/01/18 19:53:01 METAR KOQT 020053Z VRB04KT 10SM OVC046 13/07 A2999 RMK AO2 SLP153 T01330067 |
| 01 | 2053 | MET09303/01/18 20:53:01 METAR KOQT 020153Z VRB04KT 10SM OVC048 13/05 A3003 RMK AO2 SLP167 T01280050 |
| 01 | 2153 | MET10603/01/18 21:53:01 METAR KOQT 020253Z 0000KT 10SM BKN047 BKN055 11/07 A3005 RMK AO2 SLP177 T01110067 51041 |
| 01 | 2253 | MET09303/01/18 22:53:02 METAR KOQT 020353Z 29003KT 10SM OVC047 11/04 A3008 RMK AO2 SLP186 T01110044 |
| 01 | 2353 | MET10303/01/18 23:53:02 METAR KOQT 020453Z 32007KT 10SM OVC045 11/03 A3011 RMK AO2 SLP194 T01110033 401560106 |

Local Climatological Data
Hourly Precipitation
March 2018

Generated on 04/04/2018

| 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 | 0.06 | 0.02 | 0.04 | 0.06 | 0.11 | 0.14 | 0.10 | 0.03 | 0.05 | 0.04 | 0.12 | 0.06 | 0.02 | 0.01 | T | 0.09 | 0.01 | T | | | | | | | 01 |
| 02 | | | T | | T | | | | | | | | | | | | | | | | | | | | 02 |
| 03 | | | | | | | | | | | | | | | | | | | | | | | | | 03 |
| 04 | | | | | | | | | | | | | | | | | | | | | | | | | 04 |
| 05 | | | | | | | | | | | | | | | | | | | | | | T | T | 0.03 | 05 |
| 06 | 0.01 | 0.01 | 0.04 | 0.16 | 0.08 | 0.02 | 0.01 | | | | | | | | | | | | | | | | | | 06 |
| 07 | | | | | | | | | | | | | | | | | | | | | | | | | 07 |
| 08 | | | | | | | | | | | | | | T | | | | | | | | | | | 08 |
| 09 | | | | | | | | | | | | | | | | | | | | | | | | | 09 |
| 10 | | | | T | T | | T | T | T | | | | | | | | | | | | | | | | 10 |
| 11 | | | | | | 0.03 | 0.04 | 0.01 | 0.01 | 0.03 | T | | | | | | | | 0.01 | 0.01 | 0.05 | 0.10 | 0.07 | 0.17 | 11 |
| 12 | 0.01 | | | | | | | | T | T | T | | | | | | | | T | T | | | | | 12 |
| 13 | T | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| 14 | | T | | T | T | | | | | | | | | | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | 16 |
| 17 | | | 0.10 | T | 0.01 | | | 0.03 | T | | | | | | | | | 0.01 | | | | | | | 17 |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | | | | | T | T | | | | | | | T | T | | | | | | | 0.27 | 0.34 | 0.08 | 0.01 | 19 |
| 20 | | | | | | | | | | | | | | | | | 0.01 | T | T | | | | | | 20 |
| 21 | T | 0.01 | T | 0.01 | 0.01 | 0.01 | 0.01 | T | T | T | T | T | T | T | T | T | T | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | M | | | | | | | | | | | | | T | 23 |
| 24 | T | T | T | T | 0.04 | 0.01 | T | T | | T | T | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.05 | 0.20 | 0.10 | 0.10 | 0.11 | 0.17 | 0.11 | 24 |
| 25 | 0.06 | T | | | | | | | | | | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| 30 | | | | | 0.02 | | | | | | T | T | T | | | T | 0.01 | 0.25 | 0.14 | 0.17 | 0.07 | 0.01 | T | | 30 |
| 31 | | | | | T | T | T | T | T | | | | | | T | T | | | | | | | | | 31 |

Maximum Short Duration Precipitation

| Time Period (Minutes) | 5 | 10 | 15 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Precipitation (inches) | 0.15 | 0.22 | 0.25 | 0.31 | 0.39 | 0.53 | 0.57 | 0.59 | 0.64 | 0.69 | 0.69 | 0.70 |
| Ending Date Time (yyyy-mm-dd hh:mi) | 2018-03-19 21:14 | 2018-03-19 21:14 | 2018-03-19 21:16 | 2018-03-19 21:16 | 2018-03-19 21:19 | 2018-03-19 21:16 | 2018-03-19 21:31 | 2018-03-19 21:42 | 2018-03-19 22:12 | 2018-03-19 22:23 | 2018-03-19 22:23 | 2018-03-19 23:07 |

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