Date Printed: 11/30/2017 01:20

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

# Daily Summary Report

Site: Tower "M" (Bear Creek Rd

11/29/2017

Interval: 001h

| | 01_TempC_010m | 02_TempF_010m | 03_RH_010m | 04_WDir_010m | 05_VWDir_010m | 06_Sigma_010m | 07_RWSpd_010m | 08_WSpd_010m | 09_WSpdms_010m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGC | PERCENT | DEG | DEG | DEG | MPH | MPH | M/SEC |
| 00:00 | 1.7 | 35.0 | 96.9 | 39.1 | 60.0 | 38.8 | .3 | .3 | .1 |
| 01:00 | 1.2 | 34.2 | 98.2 | 28.5 | 42.4 | 38.9 | .3 | .4 | .2 |
| 02:00 | .8 | 33.5 | 99.7 | 18.5 | 45.7 | 30.2 | .1 | .2 | .1 |
| 03:00 | .5 | 33.0 | 100.3 | 357.0 | 32.7 | 46.0 | .2 | .2 | .1 |
| 04:00 | .2 | 32.3 | 100.6 | 41.6 | 33.6 | 36.7 | .3 | .4 | .2 |
| 05:00 | .1 | 32.1 | 100.7 | 340.8 | 35.6 | 50.1 | .3 | .4 | .2 |
| 06:00 | -.3 | 31.4 | 100.9 | 1.6 | 56.2 | 38.4 | .3 | .3 | .1 |
| 07:00 | -.3 | 31.4 | 100.9 | 7.1 | 61.9 | 25.2 | .2 | .2 | .1 |
| 08:00 | .6 | 33.1 | 98.7 | 313.4 | 103.3 | 51.9 | .2 | .3 | .1 |
| 09:00 | 4.2 | 39.5 | 77.2 | 187.1 | 187.2 | 25.2 | 1.3 | 1.5 | .7 |
| 10:00 | 8.9 | 48.1 | 62.0 | 188.0 | 188.3 | 23.0 | 1.6 | 1.7 | .8 |
| 11:00 | 12.9 | 55.3 | 49.3 | 166.2 | 177.1 | 52.7 | .9 | 1.6 | .7 |
| 12:00 | 15.0 | 59.1 | 46.4 | 216.8 | 219.7 | 41.0 | 2.2 | 2.5 | 1.1 |
| 13:00 | 16.3 | 61.4 | 45.2 | 220.1 | 215.8 | 34.2 | 2.3 | 2.6 | 1.1 |
| 14:00 | 17.4 | 63.2 | 43.3 | 226.3 | 225.7 | 29.3 | 2.3 | 2.6 | 1.2 |
| 15:00 | 18.1 | 64.6 | 40.4 | 189.8 | 191.7 | 28.5 | 2.4 | 2.8 | 1.3 |
| 16:00 | 17.8 | 64.1 | 41.3 | 153.1 | 178.9 | 27.0 | .8 | 1.2 | .5 |
| 17:00 | 14.4 | 58.0 | 57.2 | 57.6 | 72.1 | 19.9 | .5 | .5 | .2 |
| 18:00 | 10.8 | 51.4 | 72.5 | 67.0 | 66.7 | 27.4 | .5 | .5 | .2 |
| 19:00 | 8.6 | 47.5 | 81.0 | 41.1 | 69.0 | 57.5 | .3 | .4 | .2 |
| 20:00 | 6.9 | 44.4 | 86.6 | 71.6 | 70.9 | 25.7 | .3 | .3 | .1 |
| 21:00 | 5.6 | 42.2 | 90.6 | 56.5 | 63.5 | 62.0 | .5 | .7 | .3 |
| 22:00 | 4.9 | 40.8 | 93.5 | 45.6 | 49.8 | 52.9 | .3 | .5 | .2 |
| 23:00 | 4.1 | 39.4 | 96.2 | 26.3 | 38.4 | 49.3 | .1 | .1 | .1 |
| Avg | 7.1 | 44.8 | 78.3 | 43.0 | 188.1 | 38.0 | .4 | .9 | .4 |
| Max | 18.1 | 64.6 | 100.9 | 357.0 | 225.7 | 62.0 | 2.4 | 2.8 | 1.3 |
| Hr. of Max | 15 | 15 | 07 | 03 | 14 | 21 | 15 | 15 | 15 |
| Min | -.3 | 31.4 | 40.4 | 1.6 | 32.7 | 19.9 | .1 | .1 | .1 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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Site: Tower "M" (Bear Creek Rd

11/29/2017

Interval: 001h

| | 11_PkWsH_010m |
|---|---|
| Hour | MPH |
| 00:00 | 2.1 |
| 01:00 | 1.8 |
| 02:00 | 2.1 |
| 03:00 | 1.6 |
| 04:00 | 2.5 |
| 05:00 | 3.2 |
| 06:00 | 2.5 |
| 07:00 | 2.1 |
| 08:00 | 1.6 |
| 09:00 | 3.2 |
| 10:00 | 4.4 |
| 11:00 | 5.7 |
| 12:00 | 6.9 |
| 13:00 | 6.0 |
| 14:00 | 6.6 |
| 15:00 | 6.6 |
| 16:00 | 4.6 |
| 17:00 | 2.3 |
| 18:00 | 2.7 |
| 19:00 | 2.3 |
| 20:00 | 2.1 |
| 21:00 | 3.0 |
| 22:00 | 1.8 |
| 23:00 | 1.6 |
| Avg | 3.3 |
| Max | 6.9 |
| Hr. of Max | 12 |
| Min | 1.6 |
| Count | 24 |
| Total | |