Current Time: 7:27 AM

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

# Daily Summary Report

Site: Tower "M" (Bear Creek Rd

1/14/2013

Interval: 001h

| | 01_TempC_10m | 02_TempF_10m | 03_RH | 04_WDir_10m | 06_Sigma_10m | 07_WSpd_10m | 08_WSpd_10m | 09_VWSpd_10m | 10_PkWd_10m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGF | PERCENT | DEG | DEG | M/SEC | MPH | MPH | MPH |
| 00:00 | 7.6 | 45.8 | 100.0 | 282 | 33 | 1.6 | 3.6 | 3.0 | 14.0 |
| 01:00 | 6.7 | 44.1 | 100.0 | 272 | 23 | 1.2 | 2.7 | 2.4 | 9.2 |
| 02:00 | 6.8 | 44.2 | 100.0 | 255 | 22 | .6 | 1.3 | 1.2 | 4.8 |
| 03:00 | 7.0 | 44.6 | 100.0 | 246 | 12 | .5 | 1.0 | .7 | 3.9 |
| 04:00 | 6.9 | 44.5 | 100.0 | 244 | 14 | .6 | 1.3 | 1.2 | 5.5 |
| 05:00 | 6.5 | 43.7 | 100.0 | 252 | 12 | .6 | 1.3 | 1.2 | 3.7 |
| 06:00 | 6.2 | 43.2 | 100.0 | 275 | 13 | .3 | .6 | .5 | 2.5 |
| 07:00 | 5.8 | 42.4 | 100.0 | 261 | 20 | .6 | 1.4 | 1.2 | 4.4 |
| 08:00 | 5.6 | 42.1 | 100.0 | 294 | 23 | .4 | 1.0 | .8 | 4.6 |
| 09:00 | 5.6 | 42.1 | 100.0 | 282 | 15 | .3 | .7 | .4 | 3.7 |
| 10:00 | 5.8 | 42.5 | 100.0 | 281 | 14 | .3 | .6 | .5 | 3.9 |
| 11:00 | 6.2 | 43.2 | 100.0 | 275 | 12 | .4 | .8 | .1 | 3.2 |
| 12:00 | 6.6 | 43.8 | 100.0 | 30 | 16 | .4 | 1.0 | .6 | 6.0 |
| 13:00 | 6.4 | 43.5 | 100.0 | 53 | 22 | .8 | 1.7 | 1.4 | 7.3 |
| 14:00 | 6.3 | 43.3 | 100.0 | 11 | 16 | .4 | .8 | .2 | 5.0 |
| 15:00 | 5.7 | 42.2 | 100.0 | 309 | 27 | .7 | 1.5 | 1.2 | 7.6 |
| 16:00 | 4.5 | 40.2 | 100.0 | 282 | 33 | 1.2 | 2.7 | 2.1 | 14.0 |
| 17:00 | 4.1 | 39.4 | 100.0 | 272 | 28 | .9 | 2.0 | 1.7 | 10.3 |
| 18:00 | 3.6 | 38.5 | 100.0 | 323 | 25 | .4 | 1.0 | .5 | 5.7 |
| 19:00 | 3.1 | 37.6 | 100.0 | 324 | 24 | .8 | 1.8 | .7 | 8.2 |
| 20:00 | 3.3 | 37.9 | 100.0 | 55 | 20 | .9 | 2.1 | 1.6 | 8.9 |
| 21:00 | 2.9 | 37.3 | 100.0 | 62 | 20 | 1.5 | 3.3 | 3.1 | 10.5 |
| 22:00 | 2.6 | 36.8 | 100.0 | 55 | 22 | 1.5 | 3.3 | 2.7 | 12.1 |
| 23:00 | 2.8 | 37.0 | 100.0 | 31 | 21 | .5 | 1.2 | .9 | 5.3 |
| Avg | 5.4 | 41.7 | 100.0 | 303 | 20 | .7 | 1.6 | .0 | 6.8 |
| Max | 7.6 | 45.8 | 100.0 | 324 | 33 | 1.6 | 3.6 | 3.1 | 14.0 |
| Hr. of Max | 00 | 00 | 23 | 19 | 16 | 00 | 00 | 21 | 16 |
| Min | 2.6 | 36.8 | 100.0 | 11 | 12 | .3 | .6 | .1 | 2.5 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |