Current Time: 10:51 AM

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

# Daily Summary Report

Site: Tower "K" (1208)

7/21/2013

Interval: 001h

| | 01_TempC_10m | 02_TempC_60m | 05_VT_Grad | 06_DewPt_10m | 08_RH | 10_Vapor Pr | 12_Precip_In | 14_BP | 16_Solar_Rad |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGC | DEGC | DEGC | PERCENT | KPa | INCHES | INHG | W/M2 |
| 00:00 | 25.2 | 25.0 | -.2 | 22.3 | 86.3 | 27.0 | .00 | 29.00 | -1.8 |
| 01:00 | 23.6 | 23.6 | -.1 | 21.7 | 91.8 | 26.1 | .01 | 28.99 | -2.0 |
| 02:00 | 23.0 | 23.7 | .7 | 22.6 | 100.4 | 27.5 | .00 | 28.99 | -2.1 |
| 03:00 | 22.7 | 22.8 | .1 | 22.3 | 100.6 | 27.0 | .00 | 28.98 | -1.5 |
| 04:00 | 22.9 | 22.7 | -.1 | 22.5 | 100.6 | 27.3 | .00 | 28.97 | -2.4 |
| 05:00 | 22.9 | 22.6 | -.4 | 22.5 | 100.4 | 27.4 | .00 | 28.98 | -2.8 |
| 06:00 | 22.9 | 22.4 | -.4 | 22.5 | 100.3 | 27.3 | .00 | 28.99 | -.1 |
| 07:00 | 22.9 | 22.4 | -.5 | 22.5 | 100.3 | 27.3 | .00 | 29.01 | 24.7 |
| 08:00 | 23.5 | 22.8 | -.7 | 22.1 | 94.9 | 26.7 | .00 | 29.02 | 111.1 |
| 09:00 | 24.3 | 23.5 | -.8 | 21.7 | 88.1 | 26.1 | .00 | 29.02 | 157.1 |
| 10:00 | 25.5 | 24.3 | -1.2 | 20.8 | 77.6 | 24.8 | .00 | 29.02 | 397.0 |
| 11:00 | 26.7 | 25.4 | -1.4 | 20.4 | 70.4 | 24.1 | .00 | 29.02 | 560.0 |
| 12:00 | 28.0 | 26.7 | -1.3 | 19.0 | 60.0 | 22.2 | .00 | 29.00 | 735.6 |
| 13:00 | 24.0 | 24.0 | .0 | 20.3 | 83.7 | 24.0 | .13 | 29.00 | 208.7 |
| 14:00 | 22.3 | 22.1 | -.1 | 22.0 | 100.8 | 26.5 | .03 | 29.01 | 69.6 |
| 15:00 | 22.6 | 22.3 | -.3 | 22.3 | 100.9 | 27.0 | .04 | 29.01 | 145.4 |
| 16:00 | 22.6 | 22.1 | -.5 | 21.9 | 98.3 | 26.3 | .02 | 28.98 | 210.7 |
| 17:00 | 22.9 | 22.3 | -.6 | 21.4 | 93.8 | 25.6 | .00 | 28.96 | 154.7 |
| 18:00 | 24.5 | 23.4 | -1.2 | 18.3 | 70.0 | 21.2 | .00 | 28.95 | 316.2 |
| 19:00 | 23.8 | 23.4 | -.4 | 20.5 | 84.0 | 24.2 | .00 | 28.94 | 72.6 |
| 20:00 | 23.4 | 23.1 | -.4 | 21.8 | 93.1 | 26.2 | .00 | 28.97 | 5.7 |
| 21:00 | 23.0 | 22.8 | -.3 | 22.6 | 100.2 | 27.5 | .00 | 28.99 | -2.2 |
| 22:00 | 22.6 | 22.6 | -.1 | 22.3 | 100.5 | 26.9 | .00 | 28.99 | -2.0 |
| 23:00 | 22.4 | 22.3 | -.1 | 22.1 | 100.7 | 26.7 | .00 | 29.00 | -2.6 |
| Avg | 23.7 | 23.3 | -.4 | 21.6 | 91.6 | 26.0 | .01 | 28.99 | 131.2 |
| Max | 28.0 | 26.7 | .7 | 22.6 | 100.9 | 27.5 | .13 | 29.02 | 735.6 |
| Hr. of Max | 12 | 12 | 02 | 21 | 15 | 21 | 13 | 11 | 12 |
| Min | 22.3 | 22.1 | -1.4 | 18.3 | 60.0 | 21.2 | .00 | 28.94 | -2.8 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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Site: Tower "K" (1208)

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Interval: 001h

| | 18_WDir_10m | 19_WDir_60m | 22_Sigma_10m | 23_Sigma_60m | 26_WSpd_10m | 27_WSpd_60m | 32_PkWd_10m | 33_PkWd_60m |
|---|---|---|---|---|---|---|---|---|
| Hour | DEG | DEG | DEG | DEG | MPH | MPH | MPH | MPH |
| 00:00 | 222 | 225 | 23 | 11 | 2.9 | 6.5 | 6.9 | 13.3 |
| 01:00 | 229 | 249 | 47 | 18 | 2.5 | 5.8 | 11.4 | 14.2 |
| 02:00 | 82 | 85 | 13 | 33 | 3.0 | 3.3 | 8.2 | 7.1 |
| 03:00 | 241 | 214 | 52 | 36 | .8 | 2.4 | 3.0 | 5.0 |
| 04:00 | 240 | 208 | 36 | 15 | 1.1 | 3.7 | 4.1 | 9.4 |
| 05:00 | 242 | 239 | 22 | 13 | 2.7 | 5.8 | 6.6 | 11.2 |
| 06:00 | 232 | 238 | 26 | 18 | 2.1 | 3.7 | 5.3 | 7.1 |
| 07:00 | 223 | 235 | 20 | 12 | 2.8 | 4.9 | 6.4 | 8.7 |
| 08:00 | 211 | 219 | 20 | 14 | 3.2 | 5.0 | 7.3 | 9.4 |
| 09:00 | 218 | 224 | 21 | 11 | 3.7 | 6.2 | 8.5 | 10.8 |
| 10:00 | 208 | 216 | 22 | 14 | 4.4 | 6.3 | 9.2 | 11.0 |
| 11:00 | 207 | 214 | 32 | 19 | 3.7 | 5.6 | 9.2 | 11.0 |
| 12:00 | 244 | 247 | 37 | 25 | 3.4 | 5.9 | 10.5 | 19.2 |
| 13:00 | 234 | 252 | 42 | 33 | 4.0 | 8.2 | 16.0 | 18.8 |
| 14:00 | 281 | 287 | 45 | 26 | 1.4 | 4.9 | 6.4 | 15.6 |
| 15:00 | 291 | 303 | 40 | 14 | 2.6 | 7.5 | 7.8 | 14.0 |
| 16:00 | 230 | 237 | 46 | 27 | 1.9 | 3.2 | 8.0 | 8.9 |
| 17:00 | 164 | 176 | 62 | 51 | .8 | 1.9 | 3.4 | 5.5 |
| 18:00 | 219 | 213 | 38 | 26 | 1.9 | 2.3 | 6.4 | 6.2 |
| 19:00 | 203 | 246 | 50 | 21 | 1.0 | 1.8 | 4.1 | 3.9 |
| 20:00 | 287 | 298 | 41 | 14 | 1.7 | 3.7 | 4.6 | 6.2 |
| 21:00 | 7 | 310 | 47 | 20 | .7 | 1.9 | 2.5 | 6.0 |
| 22:00 | 136 | 257 | 42 | 22 | .5 | 1.1 | 2.5 | 2.5 |
| 23:00 | 185 | 222 | 55 | 31 | .6 | 2.2 | 2.3 | 5.0 |
| Avg | 226 | 238 | 37 | 22 | 2.2 | 4.3 | 6.7 | 9.6 |
| Max | 291 | 310 | 62 | 51 | 4.4 | 8.2 | 16.0 | 19.2 |
| Hr. of Max | 15 | 21 | 17 | 17 | 10 | 13 | 13 | 12 |
| Min | 7 | 85 | 13 | 11 | .5 | 1.1 | 2.3 | 2.5 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |