Date Printed: 01/16/2016 04:14

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

# Daily Summary Report

Site: Tower "L" (1209)

1/14/2016

Interval: 001h

| | 01_TempC_010m | 02_TempC_030m | 03_TempF_010m | 04_TempF_030m | 05_VT_Grad | 06_Precip_mm | 07_Precip_In | 08_PrecipSum | 09_BarPres_In |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGC | DEGF | DEGF | DEGC | MM | INCHES | INCHES | INHG |
| 00:00 | -3.6 | -2.9 | 25.5 | 26.9 | .7 | .0 | .00 | .00 | 29.29 |
| 01:00 | -4.0 | -3.3 | 24.9 | 26.1 | .7 | .0 | .00 | .00 | 29.28 |
| 02:00 | -4.3 | -3.6 | 24.3 | 25.5 | .7 | .0 | .00 | .00 | 29.29 |
| 03:00 | -4.5 | -4.0 | 23.9 | 24.9 | .5 | .0 | .00 | .00 | 29.29 |
| 04:00 | -4.7 | -4.1 | 23.5 | 24.6 | .6 | .0 | .00 | .00 | 29.28 |
| 05:00 | -4.7 | -4.3 | 23.5 | 24.2 | .4 | .0 | .00 | .00 | 29.28 |
| 06:00 | -4.9 | -4.6 | 23.3 | 23.8 | .3 | .0 | .00 | .00 | 29.28 |
| 07:00 | -5.0 | -4.7 | 23.0 | 23.5 | .3 | .0 | .00 | .00 | 29.29 |
| 08:00 | -4.6 | -4.4 | 23.7 | 24.1 | .2 | .0 | .00 | .00 | 29.29 |
| 09:00 | -1.9 | -1.8 | 28.6 | 28.7 | .1 | .0 | .00 | .00 | 29.30 |
| 10:00 | 2.6 | 2.4 | 36.7 | 36.4 | -.2 | .0 | .00 | .00 | 29.30 |
| 11:00 | 6.6 | 6.2 | 43.8 | 43.2 | -.3 | .0 | .00 | .00 | 29.29 |
| 12:00 | 9.7 | 9.4 | 49.4 | 48.8 | -.3 | .0 | .00 | .00 | 29.25 |
| 13:00 | 12.1 | 11.8 | 53.8 | 53.2 | -.3 | .0 | .00 | .00 | 29.22 |
| 14:00 | 13.6 | 13.5 | 56.5 | 56.3 | -.1 | .0 | .00 | .00 | 29.18 |
| 15:00 | 14.1 | 14.2 | 57.4 | 57.5 | .0 | .0 | .00 | .00 | 29.16 |
| 16:00 | 13.8 | 13.9 | 56.8 | 57.0 | .1 | .0 | .00 | .00 | 29.16 |
| 17:00 | 12.9 | 13.2 | 55.3 | 55.7 | .2 | .0 | .00 | .00 | 29.15 |
| 18:00 | 10.4 | 11.8 | 50.7 | 53.2 | 1.4 | .0 | .00 | .00 | 29.15 |
| 19:00 | 8.9 | 10.9 | 48.0 | 51.6 | 2.0 | .0 | .00 | .00 | 29.16 |
| 20:00 | 7.8 | 10.5 | 46.0 | 50.9 | 2.7 | .0 | .00 | .00 | 29.15 |
| 21:00 | 4.0 | 9.1 | 39.2 | 48.4 | 5.1 | .0 | .00 | .00 | 29.15 |
| 22:00 | 2.3 | 5.6 | 36.1 | 42.0 | 3.3 | .0 | .00 | .00 | 29.13 |
| 23:00 | 1.0 | 3.3 | 33.8 | 37.9 | 2.3 | .0 | .00 | .00 | 29.13 |
| Avg | 3.2 | 4.1 | 37.8 | 39.4 | .9 | .0 | .00 | .00 | 29.23 |
| Max | 14.1 | 14.2 | 57.4 | 57.5 | 5.1 | .0 | .00 | .00 | 29.30 |
| Hr. of Max | 15 | 15 | 15 | 15 | 21 | 23 | 23 | 23 | 10 |
| Min | -5.0 | -4.7 | 23.0 | 23.5 | -.3 | .0 | .00 | .00 | 29.13 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "L" (1209)

1/14/2016

Interval: 001h

| | 10_BarPres_Mb | 11_Solar_Rad_Wm2 | 12_Solar_Rad_Lang | 13_WDir_010m | 14_WDir_030m | 15_VWDir_010m | 16_VWDir_030m | 17_Sigma_010m | 18_Sigma_030m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | KPa | W/M2 | Langleys | DEG | DEG | DEG | DEG | DEG | DEG |
| 00:00 | 991.9 | -2.4 | -.003 | 120 | 77 | 98 | 79 | 38 | 30 |
| 01:00 | 991.7 | -2.2 | -.003 | 108 | 142 | 110 | 147 | 47 | 9 |
| 02:00 | 991.8 | -2.4 | -.003 | 107 | 127 | 105 | 127 | 33 | 0 |
| 03:00 | 991.8 | -2.4 | -.003 | 87 | 128 | 92 | 131 | 16 | 24 |
| 04:00 | 991.7 | -2.4 | -.003 | 112 | 152 | 130 | 152 | 17 | 8 |
| 05:00 | 991.5 | -2.6 | -.004 | 111 | 146 | 96 | 152 | 23 | 8 |
| 06:00 | 991.7 | -2.3 | -.003 | 88 | 107 | 65 | 88 | 29 | 14 |
| 07:00 | 991.8 | .2 | .000 | 113 | 129 | 68 | 131 | 30 | 18 |
| 08:00 | 992.1 | 128.9 | .185 | 125 | 169 | 135 | 165 | 45 | 18 |
| 09:00 | 992.3 | 346.6 | .497 | 142 | 149 | 144 | 154 | 35 | 24 |
| 10:00 | 992.2 | 417.3 | .598 | 213 | 216 | 225 | 229 | 38 | 29 |
| 11:00 | 991.8 | 523.5 | .751 | 246 | 242 | 246 | 243 | 25 | 20 |
| 12:00 | 990.7 | 578.4 | .829 | 246 | 248 | 246 | 248 | 27 | 21 |
| 13:00 | 989.4 | 579.7 | .831 | 248 | 243 | 249 | 244 | 31 | 25 |
| 14:00 | 988.2 | 508.2 | .729 | 213 | 214 | 212 | 213 | 25 | 23 |
| 15:00 | 987.5 | 375.9 | .539 | 200 | 199 | 199 | 198 | 15 | 12 |
| 16:00 | 987.4 | 131.7 | .189 | 194 | 194 | 194 | 193 | 16 | 13 |
| 17:00 | 987.2 | 32.0 | .046 | 195 | 194 | 195 | 194 | 13 | 10 |
| 18:00 | 987.2 | -1.6 | -.002 | 195 | 204 | 198 | 203 | 25 | 9 |
| 19:00 | 987.4 | -2.2 | -.003 | 234 | 213 | 227 | 213 | 41 | 11 |
| 20:00 | 987.3 | -2.2 | -.003 | 120 | 225 | 100 | 224 | 50 | 15 |
| 21:00 | 987.0 | -2.0 | -.003 | 113 | 182 | 102 | 204 | 28 | 19 |
| 22:00 | 986.6 | -2.2 | -.003 | 78 | 92 | 72 | 63 | 51 | 30 |
| 23:00 | 986.5 | -1.6 | -.002 | 82 | 99 | 63 | 93 | 41 | 17 |
| Avg | 989.8 | 149.7 | .215 | 148 | 172 | 0 | 0 | 31 | 17 |
| Max | 992.3 | 579.7 | .831 | 248 | 248 | 249 | 248 | 51 | 30 |
| Hr. of Max | 09 | 13 | 13 | 13 | 12 | 13 | 12 | 22 | 22 |
| Min | 986.5 | -2.6 | -.004 | 78 | 77 | 63 | 63 | 13 | 0 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "L" (1209)

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Interval: 001h

| | 19_RWSpd_010m | 20_RWSpd_030m | 21_WSpd_010m | 22_WSpd_030m | 23_WSpdms_010m | 24_WSpdms_030m | 27_PkWsH_010m | 28_PkWsH_030m |
|---|---|---|---|---|---|---|---|---|
| Hour | MPH | MPH | MPH | MPH | M/SEC | M/SEC | MPH | MPH |
| 00:00 | .4 | .5 | .6 | .6 | .3 | .3 | 1.8 | 2.7 |
| 01:00 | .4 | .2 | .6 | .3 | .3 | .1 | 2.1 | 1.1 |
| 02:00 | .4 | .3 | .4 | .3 | .2 | .1 | 1.4 | 1.1 |
| 03:00 | .4 | .2 | .5 | .2 | .2 | .1 | 1.6 | 1.1 |
| 04:00 | .0 | .2 | .0 | .2 | .0 | .1 | .9 | .9 |
| 05:00 | .3 | .3 | .5 | .3 | .2 | .1 | 1.8 | 1.3 |
| 06:00 | .4 | .6 | .8 | .6 | .4 | .3 | 2.3 | 2.0 |
| 07:00 | .3 | .2 | .7 | .3 | .3 | .1 | 1.8 | 1.3 |
| 08:00 | .3 | .3 | .4 | .4 | .2 | .2 | 2.1 | 1.8 |
| 09:00 | .7 | .5 | .8 | .7 | .3 | .3 | 2.7 | 2.7 |
| 10:00 | 1.6 | 2.3 | 2.0 | 2.7 | .9 | 1.2 | 8.2 | 10.0 |
| 11:00 | 3.7 | 4.8 | 4.0 | 5.0 | 1.8 | 2.2 | 9.4 | 10.7 |
| 12:00 | 4.9 | 6.1 | 5.4 | 6.5 | 2.4 | 2.9 | 13.1 | 13.7 |
| 13:00 | 4.6 | 5.7 | 5.3 | 6.3 | 2.4 | 2.8 | 14.9 | 13.2 |
| 14:00 | 6.3 | 7.9 | 7.0 | 8.6 | 3.1 | 3.8 | 21.3 | 44.8 |
| 15:00 | 8.3 | 10.6 | 8.7 | 10.9 | 3.9 | 4.9 | 17.9 | 18.5 |
| 16:00 | 7.0 | 8.9 | 7.2 | 9.2 | 3.2 | 4.1 | 17.2 | 20.3 |
| 17:00 | 5.1 | 7.5 | 5.2 | 7.7 | 2.3 | 3.4 | 11.2 | 14.1 |
| 18:00 | 1.4 | 5.3 | 1.5 | 5.4 | .7 | 2.4 | 5.3 | 9.6 |
| 19:00 | 1.0 | 5.3 | 1.2 | 5.4 | .5 | 2.4 | 6.4 | 10.9 |
| 20:00 | .3 | 3.7 | .8 | 3.8 | .3 | 1.7 | 3.4 | 8.4 |
| 21:00 | .6 | 1.1 | .8 | 1.9 | .3 | .9 | 2.5 | 4.8 |
| 22:00 | .3 | .6 | .6 | 1.6 | .3 | .7 | 2.5 | 3.2 |
| 23:00 | .2 | .7 | .4 | .8 | .2 | .3 | 1.8 | 2.3 |
| Avg | .8 | .8 | 2.3 | 3.3 | 1.0 | 1.5 | 6.4 | 8.4 |
| Max | 8.3 | 10.6 | 8.7 | 10.9 | 3.9 | 4.9 | 21.3 | 44.8 |
| Hr. of Max | 15 | 15 | 15 | 15 | 15 | 15 | 14 | 14 |
| Min | .0 | .2 | .0 | .2 | .0 | .1 | .9 | .9 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |