Date Printed: 04/07/2016 08:23

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

# Daily Summary Report

Site: Tower "L" (1209)

4/5/2016

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 | 14.3 | 14.7 | 57.7 | 58.4 | .4 | .0 | .00 | .00 | 29.28 |
| 01:00 | 12.1 | 12.4 | 53.9 | 54.4 | .3 | .0 | .00 | .00 | 29.32 |
| 02:00 | 9.8 | 10.0 | 49.6 | 50.0 | .2 | .0 | .00 | .00 | 29.34 |
| 03:00 | 8.0 | 8.2 | 46.4 | 46.7 | .2 | .0 | .00 | .00 | 29.36 |
| 04:00 | 6.7 | 6.8 | 44.0 | 44.3 | .2 | .0 | .00 | .00 | 29.37 |
| 05:00 | 5.6 | 5.9 | 42.2 | 42.6 | .2 | .0 | .00 | .00 | 29.39 |
| 06:00 | 4.5 | 4.8 | 40.1 | 40.6 | .2 | .0 | .00 | .00 | 29.41 |
| 07:00 | 3.4 | 4.0 | 38.1 | 39.2 | .6 | .0 | .00 | .00 | 29.43 |
| 08:00 | 4.7 | 4.8 | 40.5 | 40.6 | .1 | .0 | .00 | .00 | 29.45 |
| 09:00 | 6.8 | 6.5 | 44.2 | 43.7 | -.2 | .0 | .00 | .00 | 29.45 |
| 10:00 | 7.7 | 7.4 | 45.9 | 45.4 | -.3 | .0 | .00 | .00 | 29.46 |
| 11:00 | 8.8 | 8.5 | 47.9 | 47.3 | -.3 | .0 | .00 | .00 | 29.46 |
| 12:00 | 10.2 | 9.9 | 50.3 | 49.8 | -.3 | .0 | .00 | .00 | 29.46 |
| 13:00 | 11.8 | 11.4 | 53.3 | 52.6 | -.4 | .0 | .00 | .00 | 29.44 |
| 14:00 | 12.8 | 12.6 | 55.1 | 54.6 | -.3 | .0 | .00 | .00 | 29.44 |
| 15:00 | 13.9 | 13.6 | 57.0 | 56.5 | -.3 | .0 | .00 | .00 | 29.43 |
| 16:00 | 14.7 | 14.5 | 58.4 | 58.0 | -.2 | .0 | .00 | .00 | 29.41 |
| 17:00 | 15.0 | 14.9 | 59.0 | 58.8 | -.1 | .0 | .00 | .00 | 29.40 |
| 18:00 | 14.9 | 14.9 | 58.8 | 58.8 | .0 | .0 | .00 | .00 | 29.39 |
| 19:00 | 14.3 | 14.4 | 57.7 | 57.9 | .1 | .0 | .00 | .00 | 29.39 |
| 20:00 | 12.2 | 13.2 | 53.9 | 55.7 | 1.0 | .0 | .00 | .00 | 29.39 |
| 21:00 | 9.3 | 10.4 | 48.7 | 50.8 | 1.2 | .0 | .00 | .00 | 29.40 |
| 22:00 | 7.5 | 8.2 | 45.5 | 46.8 | .7 | .0 | .00 | .00 | 29.39 |
| 23:00 | 6.0 | 6.9 | 42.8 | 44.4 | .9 | .0 | .00 | .00 | 29.38 |
| Avg | 9.8 | 10.0 | 49.6 | 49.9 | .2 | .0 | .00 | .00 | 29.40 |
| Max | 15.0 | 14.9 | 59.0 | 58.8 | 1.2 | .0 | .00 | .00 | 29.46 |
| Hr. of Max | 17 | 18 | 17 | 18 | 21 | 23 | 23 | 23 | 12 |
| Min | 3.4 | 4.0 | 38.1 | 39.2 | -.4 | .0 | .00 | .00 | 29.28 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "L" (1209)

4/5/2016

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 | 991.7 | -2.3 | -.003 | 315 | 315 | 316 | 315 | 17 | 12 |
| 01:00 | 992.9 | -2.3 | -.003 | 333 | 334 | 332 | 333 | 18 | 15 |
| 02:00 | 993.7 | -2.3 | -.003 | 356 | 356 | 357 | 356 | 17 | 14 |
| 03:00 | 994.2 | -2.4 | -.004 | 14 | 11 | 16 | 11 | 15 | 12 |
| 04:00 | 994.5 | -2.5 | -.004 | 26 | 25 | 26 | 24 | 13 | 12 |
| 05:00 | 995.2 | -2.3 | -.003 | 32 | 28 | 30 | 27 | 11 | 9 |
| 06:00 | 996.1 | -2.2 | -.003 | 66 | 51 | 59 | 48 | 14 | 13 |
| 07:00 | 996.8 | 28.8 | .041 | 61 | 20 | 58 | 17 | 16 | 15 |
| 08:00 | 997.2 | 215.9 | .310 | 32 | 31 | 21 | 20 | 32 | 30 |
| 09:00 | 997.4 | 443.6 | .636 | 35 | 33 | 35 | 34 | 17 | 14 |
| 10:00 | 997.6 | 655.3 | .940 | 51 | 49 | 48 | 48 | 21 | 19 |
| 11:00 | 997.8 | 817.5 | 1.172 | 54 | 49 | 50 | 47 | 35 | 31 |
| 12:00 | 997.6 | 932.3 | 1.337 | 63 | 52 | 64 | 54 | 61 | 50 |
| 13:00 | 997.1 | 987.4 | 1.416 | 15 | 31 | 19 | 21 | 59 | 55 |
| 14:00 | 997.0 | 958.5 | 1.375 | 108 | 100 | 105 | 96 | 42 | 35 |
| 15:00 | 996.5 | 874.9 | 1.255 | 60 | 51 | 57 | 50 | 50 | 51 |
| 16:00 | 996.0 | 722.2 | 1.036 | 78 | 70 | 76 | 72 | 44 | 32 |
| 17:00 | 995.7 | 523.0 | .750 | 70 | 71 | 69 | 71 | 27 | 23 |
| 18:00 | 995.4 | 294.3 | .422 | 81 | 77 | 81 | 78 | 31 | 23 |
| 19:00 | 995.3 | 76.7 | .110 | 97 | 95 | 98 | 94 | 17 | 14 |
| 20:00 | 995.4 | -1.0 | -.001 | 85 | 86 | 87 | 86 | 9 | 9 |
| 21:00 | 995.6 | -2.1 | -.003 | 83 | 72 | 80 | 62 | 28 | 23 |
| 22:00 | 995.4 | -2.0 | -.003 | 112 | 128 | 111 | 120 | 63 | 26 |
| 23:00 | 994.9 | -2.3 | -.003 | 90 | 106 | 96 | 92 | 35 | 41 |
| Avg | 995.7 | 312.8 | .449 | 54 | 49 | 0 | 0 | 29 | 24 |
| Max | 997.8 | 987.4 | 1.416 | 356 | 356 | 357 | 356 | 63 | 55 |
| Hr. of Max | 11 | 13 | 13 | 02 | 02 | 02 | 02 | 22 | 13 |
| Min | 991.7 | -2.5 | -.004 | 14 | 11 | 16 | 11 | 9 | 9 |
| 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 | 7.7 | 12.0 | 8.1 | 12.4 | 3.6 | 5.6 | 23.4 | 28.1 |
| 01:00 | 7.7 | 11.4 | 8.2 | 12.0 | 3.7 | 5.4 | 20.4 | 23.5 |
| 02:00 | 5.5 | 7.7 | 5.9 | 8.1 | 2.6 | 3.6 | 12.4 | 14.6 |
| 03:00 | 7.1 | 9.8 | 7.4 | 10.1 | 3.3 | 4.5 | 14.7 | 16.9 |
| 04:00 | 5.3 | 7.0 | 5.4 | 7.2 | 2.4 | 3.2 | 10.5 | 12.8 |
| 05:00 | 4.9 | 6.8 | 5.0 | 7.0 | 2.3 | 3.1 | 9.2 | 13.2 |
| 06:00 | 2.7 | 4.5 | 2.9 | 4.7 | 1.3 | 2.1 | 8.9 | 10.3 |
| 07:00 | 1.6 | 3.2 | 1.7 | 3.4 | .8 | 1.5 | 4.1 | 5.5 |
| 08:00 | 2.0 | 2.9 | 2.5 | 3.2 | 1.1 | 1.4 | 11.7 | 15.5 |
| 09:00 | 9.5 | 11.6 | 10.1 | 12.2 | 4.5 | 5.5 | 19.7 | 21.7 |
| 10:00 | 7.7 | 9.8 | 8.4 | 10.5 | 3.7 | 4.7 | 18.5 | 19.2 |
| 11:00 | 5.4 | 7.1 | 6.4 | 8.2 | 2.9 | 3.6 | 17.2 | 17.3 |
| 12:00 | 3.2 | 4.4 | 4.5 | 5.7 | 2.0 | 2.6 | 14.9 | 17.3 |
| 13:00 | 2.4 | 3.3 | 4.5 | 5.2 | 2.0 | 2.3 | 12.8 | 13.2 |
| 14:00 | 4.0 | 5.2 | 5.7 | 6.7 | 2.5 | 3.0 | 14.9 | 14.4 |
| 15:00 | 2.3 | 3.0 | 5.1 | 5.5 | 2.3 | 2.5 | 15.6 | 16.0 |
| 16:00 | 3.6 | 5.0 | 4.4 | 5.7 | 2.0 | 2.6 | 13.3 | 13.2 |
| 17:00 | 3.9 | 5.3 | 5.0 | 6.3 | 2.3 | 2.8 | 11.9 | 13.2 |
| 18:00 | 4.6 | 6.6 | 5.2 | 7.0 | 2.3 | 3.1 | 11.9 | 14.8 |
| 19:00 | 4.3 | 6.4 | 4.6 | 6.6 | 2.0 | 3.0 | 10.3 | 12.8 |
| 20:00 | 2.2 | 4.6 | 2.3 | 4.7 | 1.0 | 2.1 | 6.0 | 8.4 |
| 21:00 | 1.4 | 1.1 | 1.5 | 1.2 | .7 | .5 | 3.7 | 3.9 |
| 22:00 | .3 | .4 | .6 | .6 | .3 | .3 | 2.5 | 2.7 |
| 23:00 | .8 | .4 | 1.0 | .6 | .4 | .3 | 3.0 | 2.3 |
| Avg | 6.7 | 6.7 | 4.9 | 6.5 | 2.2 | 2.9 | 12.1 | 13.8 |
| Max | 9.5 | 12.0 | 10.1 | 12.4 | 4.5 | 5.6 | 23.4 | 28.1 |
| Hr. of Max | 09 | 00 | 09 | 00 | 09 | 00 | 00 | 00 |
| Min | .3 | .4 | .6 | .6 | .3 | .3 | 2.5 | 2.3 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |