

Daily Summary Report

Site: ORNL Sodar

10/30/2018

Interval: 015m

| | 04_WS060m | 05_WDir060m | 06_WS100m | 07_WDir100m | 08_WS140m | 09_WDir140m | 10_WS180m | 11_WDir180m | 12_WS240m |
|-------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| Hour | M/SEC | DEG | M/SEC | DEG | KPH | DEG | M/SEC | DEG | M/SEC |
| 00:00 | .3 | 94.7 | 1.2 | 83.6 | .6 | 84.5 | .5 | 82.7 | .4 |
| 00:15 | .6 | 80.7 | 1.2 | 86.3 | .9 | 94.2 | 1.1 | 90.6 | .7 |
| 00:30 | .4 | 73.3 | 1.1 | 95.5 | 1.1 | 102.1 | 1.1 | 93.4 | .7 |
| 00:45 | .3 | 83.6 | .7 | 107.4 | 1.3 | 111.2 | 1.1 | 107.1 | .8 |
| 01:00 | .2 | 104.2 | .3 | 91.8 | 1.4 | 113.5 | 1.1 | 107.3 | 1.0 |
| 01:15 | .1 | 239.0 | .3 | 64.0 | 1.1 | 111.8 | .7 | 97.0 | .5 |
| 01:30 | .1 | 118.1 | .4 | 57.5 | .7 | 121.0 | .7 | 101.7 | .3 |
| 01:45 | .1 | 73.4 | .1 | 80.6 | .5 | 144.8 | 1.0 | 128.6 | .5 |
| 02:00 | .2 | 304.6 | .1 | 252.8 | .3 | 151.6 | 1.3 | 143.3 | .8 |
| 02:15 | .3 | 309.4 | .4 | 356.9 | .2 | 56.3 | .9 | 140.5 | .7 |
| 02:30 | .3 | 69.9 | .9 | 7.2 | .7 | 34.3 | .7 | 113.8 | .6 |
| 02:45 | .6 | 96.4 | 1.2 | 19.3 | 1.1 | 31.1 | .6 | 91.4 | .4 |
| 03:00 | .4 | 94.0 | 1.2 | 25.7 | 1.2 | 23.4 | .5 | 61.8 | .1 |
| 03:15 | .5 | 80.1 | 1.0 | 31.5 | 1.1 | 22.1 | .5 | 60.5 | .3 |
| 03:30 | .3 | 83.5 | .7 | 45.0 | 1.0 | 27.3 | .6 | 74.3 | .2 |
| 03:45 | .3 | 83.6 | .9 | 64.7 | 1.1 | 31.3 | .6 | 66.0 | .4 |
| 04:00 | .4 | 78.8 | .9 | 71.8 | 1.2 | 43.8 | .9 | 47.6 | .7 |
| 04:15 | .4 | 76.4 | .7 | 77.0 | 1.1 | 56.1 | 1.0 | 47.0 | .7 |
| 04:30 | .5 | 67.1 | .8 | 72.3 | 1.0 | 69.0 | .9 | 51.3 | .5 |
| 04:45 | .3 | 63.6 | 1.0 | 63.6 | 1.2 | 71.7 | 1.3 | 55.3 | .7 |
| 05:00 | .3 | 60.6 | 1.3 | 75.9 | 1.3 | 66.5 | 1.6 | 54.4 | .9 |
| 05:15 | .4 | 63.0 | 1.7 | 69.6 | 1.6 | 64.8 | 1.4 | 56.9 | .7 |
| 05:30 | .6 | 72.3 | 1.7 | 59.7 | 2.6 | 61.3 | 2.1 | 59.2 | 1.1 |
| 05:45 | .6 | 72.9 | 2.1 | 73.1 | 3.0 | 67.8 | 2.6 | 69.6 | 2.0 |
| 06:00 | .3 | 76.0 | 2.0 | 85.3 | 2.6 | 82.0 | 2.3 | 85.0 | 1.7 |
| 06:15 | .1 | 206.4 | 1.6 | 90.4 | 2.3 | 85.2 | 2.4 | 84.3 | 1.7 |
| 06:30 | .1 | 101.5 | 1.8 | 82.5 | 2.5 | 80.8 | 2.7 | 78.8 | 2.4 |
| 06:45 | .3 | 84.8 | 1.9 | 72.8 | 2.8 | 76.8 | 3.3 | 76.4 | 2.9 |
| 07:00 | .4 | 85.9 | 1.8 | 63.9 | 3.1 | 72.3 | 3.7 | 75.9 | 3.1 |
| 07:15 | .9 | 85.6 | 2.2 | 61.1 | 3.4 | 69.3 | 3.4 | 74.2 | 3.6 |
| 07:30 | 1.6 | 80.1 | 3.2 | 60.9 | 3.7 | 66.1 | 3.6 | 72.1 | 4.3 |
| 07:45 | 1.5 | 84.7 | 3.3 | 61.2 | 3.7 | 66.2 | 4.3 | 74.8 | 4.4 |
| 08:00 | .9 | 89.9 | 3.0 | 61.4 | 3.3 | 65.0 | 4.2 | 77.8 | 4.5 |
| 08:15 | .4 | 102.8 | 2.4 | 63.4 | 2.5 | 64.9 | 3.2 | 79.6 | 3.3 |
| 08:30 | .4 | 130.8 | 1.8 | 71.0 | 2.2 | 68.3 | 2.5 | 81.7 | 2.3 |
| 08:45 | .5 | 105.5 | 1.3 | 65.8 | 2.4 | 65.3 | 2.5 | 79.3 | 2.9 |
| 09:00 | .2 | 109.0 | 1.0 | 53.8 | 2.3 | 58.1 | 2.2 | 73.2 | 4.1 |
| 09:15 | .2 | 118.1 | 1.3 | 60.7 | 2.5 | 56.6 | 2.2 | 72.6 | 3.6 |
| 09:30 | .3 | 103.6 | 1.3 | 60.2 | 2.7 | 56.5 | 2.6 | 77.1 | 2.6 |
| 09:45 | .4 | 104.2 | 1.2 | 56.5 | 3.0 | 53.6 | 3.3 | 70.6 | 2.4 |
| 10:00 | .6 | 86.7 | 1.3 | 55.7 | 3.2 | 56.8 | 3.5 | 64.8 | 2.8 |
| 10:15 | .9 | 90.2 | 1.0 | 65.1 | 2.7 | 66.8 | 3.3 | 68.5 | 2.9 |
| 10:30 | .9 | 87.1 | 1.2 | 88.5 | 2.3 | 68.5 | 3.2 | 67.0 | 3.0 |
| 10:45 | 1.0 | 78.2 | 1.3 | 84.0 | 1.9 | 62.8 | 2.5 | 62.9 | 2.6 |
| 11:00 | 1.1 | 83.4 | .6 | 76.6 | 1.1 | 71.8 | 1.5 | 72.4 | 1.7 |
| 11:15 | .9 | 105.9 | 1.0 | 123.8 | 1.1 | 117.4 | 1.2 | 112.7 | 1.2 |
| 11:30 | .7 | 127.6 | 1.3 | 132.1 | .8 | 116.5 | .8 | 130.1 | .7 |
| 11:45 | .9 | 97.6 | 1.1 | 114.0 | .6 | 100.8 | .5 | 122.1 | .5 |
| 12:00 | 1.2 | 82.6 | .7 | 76.3 | .6 | 140.9 | .6 | 145.9 | .6 |
| 12:15 | .7 | 87.6 | .9 | 77.9 | .8 | 110.2 | .6 | 119.1 | .7 |
| 12:30 | .8 | 107.1 | 1.0 | 125.0 | 1.6 | 91.4 | 1.1 | 107.2 | 1.1 |

Daily Summary Report

Site: ORNL Sodar

10/30/2018

Interval: 015m

| | 13_WDir240m | 14_WS300m | 15_WDir300m | 16_WS400m | 17_WDir400m | 18_WS500m | 19_WDir500m | 20_WS600m | 21_WDir600m |
|-------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| Hour | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 00:00 | 53.7 | .2 | 77.3 | .2 | 100.9 | | | | |
| 00:15 | 66.2 | .1 | 116.2 | .2 | 85.0 | | | | |
| 00:30 | 97.9 | .1 | 187.9 | .2 | 60.0 | | | | |
| 00:45 | 100.8 | .2 | 213.8 | .3 | 45.0 | | | | |
| 01:00 | 90.3 | .0 | 275.9 | .3 | 15.3 | | | | |
| 01:15 | 96.6 | .2 | 42.4 | .2 | 326.8 | | | | |
| 01:30 | 106.0 | .4 | 79.1 | .2 | 81.7 | | | | |
| 01:45 | 110.5 | .5 | 97.4 | .6 | 139.6 | .8 | 101.0 | | |
| 02:00 | 117.3 | .2 | 76.9 | .4 | 150.4 | .5 | 276.7 | | |
| 02:15 | 115.3 | .1 | 145.9 | .2 | 128.7 | .9 | 106.8 | | |
| 02:30 | 91.3 | .3 | 135.8 | .7 | 143.7 | 1.9 | 89.4 | | |
| 02:45 | 70.0 | .1 | 132.3 | .7 | 110.7 | 1.4 | 86.6 | | |
| 03:00 | 25.6 | .1 | 86.5 | .5 | 121.0 | 1.4 | 95.2 | | |
| 03:15 | 33.9 | .3 | 77.6 | .6 | 130.0 | 1.7 | 97.5 | | |
| 03:30 | 62.0 | .1 | 66.3 | .3 | 99.9 | 1.2 | 101.0 | | |
| 03:45 | 103.0 | .2 | 252.8 | .1 | 33.6 | .8 | 113.5 | .6 | 201.0 |
| 04:00 | 92.5 | .2 | 178.7 | .6 | 76.6 | .9 | 101.9 | 1.3 | 96.6 |
| 04:15 | 87.7 | .4 | 104.6 | 1.3 | 78.8 | .8 | 53.0 | | |
| 04:30 | 90.6 | .5 | 99.9 | .9 | 101.0 | 1.5 | 95.0 | | |
| 04:45 | 79.0 | .7 | 114.5 | .5 | 131.2 | | | | |
| 05:00 | 71.0 | 1.2 | 94.0 | | | | | | |
| 05:15 | 63.8 | 1.5 | 82.1 | | | | | | |
| 05:30 | 68.7 | 1.7 | 79.5 | | | | | | |
| 05:45 | 64.8 | 1.8 | 83.8 | | | | | | |
| 06:00 | 74.2 | 1.6 | 94.7 | | | | | | |
| 06:15 | 79.8 | 1.4 | 95.3 | | | | | | |
| 06:30 | 72.0 | 1.9 | 94.5 | | | | | | |
| 06:45 | 75.6 | 2.7 | 89.6 | | | | | | |
| 07:00 | 84.0 | 3.0 | 88.1 | | | | | | |
| 07:15 | 82.9 | 3.8 | 90.3 | | | | | | |
| 07:30 | 77.9 | 3.9 | 85.5 | | | | | | |
| 07:45 | 78.2 | 4.3 | 82.5 | | | | | | |
| 08:00 | 82.2 | 4.4 | 90.4 | | | | | | |
| 08:15 | 81.4 | 3.8 | 88.2 | | | | | | |
| 08:30 | 83.5 | 3.4 | 84.9 | | | | | | |
| 08:45 | 88.4 | 3.0 | 84.5 | 4.6 | 95.2 | | | | |
| 09:00 | 88.1 | 2.7 | 77.8 | 4.0 | 97.0 | | | | |
| 09:15 | 85.3 | 2.4 | 78.3 | 3.0 | 99.0 | | | | |
| 09:30 | 83.6 | 2.2 | 81.5 | 2.5 | 100.0 | | | | |
| 09:45 | 81.4 | 2.6 | 79.1 | 2.0 | 101.7 | | | | |
| 10:00 | 79.9 | 2.8 | 80.4 | 2.0 | 111.0 | | | | |
| 10:15 | 80.2 | 2.5 | 83.2 | 2.1 | 122.0 | | | | |
| 10:30 | 79.6 | 2.4 | 84.7 | 2.1 | 122.3 | | | | |
| 10:45 | 79.0 | 2.1 | 86.2 | 1.6 | 126.6 | | | | |
| 11:00 | 91.8 | 1.4 | 92.4 | 2.0 | 150.0 | | | | |
| 11:15 | 117.1 | 1.1 | 105.5 | 2.1 | 187.9 | | | | |
| 11:30 | 119.0 | .9 | 103.1 | .9 | 182.3 | | | | |
| 11:45 | 125.3 | .6 | 99.6 | .4 | 189.8 | | | | |
| 12:00 | 141.8 | .4 | 106.1 | .6 | 198.3 | | | | |
| 12:15 | 147.8 | .3 | 162.1 | 2.1 | 193.3 | | | | |
| 12:30 | 159.4 | 1.1 | 158.7 | 6.2 | 187.6 | | | | |

Daily Summary Report

Site: ORNL Sodar

10/30/2018

Interval: 015m

| | 22_WS700m | 23_WDir700m | 24_WS800m | 25_WDir800m | 26_WS900m | 27_WDir900m |
|-------|-----------|-------------|-----------|-------------|-----------|-------------|
| Hour | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 00:00 | | | | | | |
| 00:15 | | | | | | |
| 00:30 | | | | | | |
| 00:45 | | | | | | |
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| 02:30 | | | | | | |
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| 03:00 | | | | | | |
| 03:15 | | | | | | |
| 03:30 | | | | | | |
| 03:45 | | | | | | |
| 04:00 | | | | | | |
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| 12:00 | | | | | | |
| 12:15 | | | | | | |
| 12:30 | | | | | | |

| | 22_WS700m | 23_WDir700m | 24_WS800m | 25_WDir800m | 26_WS900m | 27_WDir900m |
|------------|-----------|-------------|-----------|-------------|-----------|-------------|
| Hour | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 12:45 | | | | | | |
| 13:00 | | | | | | |
| 13:15 | | | | | | |
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| 14:45 | | | | | | |
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| 15:30 | | | | | | |
| 15:45 | | | | | | |
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| 23:15 | | | | | | |
| 23:30 | | | | | | |
| 23:45 | | | | | | |
| Avg | | | | | | |
| Max | | | | | | |
| Hr. of Max | | | | | | |
| Min | | | | | | |
| Count | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | | |