

Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

9/21/2020

Interval: 015m

| | 03_WS060m | 04_WD060m | 05_WS100m | 06_WD100m | 07_WS140m | 08_WD140m | 09_WS180m | 10_WD180m | 11_WS240m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | M/SEC | DEGC | M/SEC | DEGC | M/SEC | DEGC | M/SEC |
| 00:00 | 2.8 | 78.0 | 3.9 | 72.0 | 5.7 | 76.0 | 7.0 | 78.0 | 10.2 |
| 00:15 | 2.2 | 74.5 | 3.6 | 72.1 | 5.8 | 74.2 | 7.2 | 78.0 | 10.4 |
| 00:30 | 2.0 | 76.8 | 3.7 | 72.8 | 5.9 | 76.5 | 7.3 | 77.4 | 9.0 |
| 00:45 | 2.1 | 81.7 | 4.0 | 71.8 | 5.8 | 77.2 | 7.0 | 73.0 | 8.3 |
| 01:00 | 2.2 | 80.0 | 4.3 | 67.6 | 5.7 | 73.6 | 6.4 | 77.6 | 7.4 |
| 01:15 | 2.8 | 82.1 | 4.1 | 62.3 | 5.5 | 70.0 | 6.5 | 78.2 | 7.1 |
| 01:30 | 2.8 | 82.9 | 3.6 | 69.0 | 5.1 | 69.5 | 6.2 | 73.9 | 6.8 |
| 01:45 | 1.6 | 79.8 | 3.3 | 71.1 | 4.6 | 68.6 | 5.6 | 73.2 | 6.2 |
| 02:00 | 1.5 | 78.2 | 3.0 | 68.8 | 4.3 | 72.1 | 5.4 | 72.4 | 6.6 |
| 02:15 | 1.7 | 76.8 | 3.0 | 69.0 | 4.3 | 70.9 | 5.5 | 64.6 | 7.2 |
| 02:30 | 2.0 | 68.3 | 3.6 | 60.3 | 4.6 | 56.1 | 5.9 | 53.6 | 9.2 |
| 02:45 | 2.4 | 62.1 | 3.7 | 59.8 | 4.6 | 50.3 | 6.2 | 46.3 | 10.4 |
| 03:00 | 2.5 | 54.6 | 3.2 | 63.4 | 4.2 | 59.3 | 5.8 | 52.2 | 9.5 |
| 03:15 | 3.0 | 39.4 | 3.0 | 59.8 | 4.4 | 60.5 | 5.8 | 51.6 | 8.5 |
| 03:30 | 2.4 | 55.1 | 3.2 | 59.5 | 4.7 | 58.3 | 6.0 | 48.6 | 8.5 |
| 03:45 | 2.2 | 97.7 | 2.9 | 67.8 | 4.7 | 63.6 | 6.1 | 57.2 | 8.9 |
| 04:00 | 2.3 | 87.3 | 2.7 | 72.8 | 4.5 | 67.3 | 6.0 | 60.3 | 8.9 |
| 04:15 | 2.5 | 93.2 | 2.9 | 72.6 | 4.5 | 65.4 | 6.0 | 57.6 | 8.8 |
| 04:30 | 2.3 | 91.9 | 3.0 | 73.6 | 4.8 | 65.2 | 6.5 | 57.8 | 8.9 |
| 04:45 | 2.1 | 78.3 | 3.0 | 69.4 | 5.0 | 63.4 | 6.5 | 56.2 | 7.3 |
| 05:00 | 2.0 | 82.1 | 3.0 | 66.5 | 4.9 | 62.5 | 6.4 | 54.9 | 7.6 |
| 05:15 | 1.8 | 81.3 | 2.8 | 68.0 | 4.8 | 62.4 | 6.5 | 53.7 | 7.5 |
| 05:30 | 1.8 | 68.7 | 2.5 | 67.7 | 4.8 | 59.2 | 6.5 | 52.2 | 7.5 |
| 05:45 | 2.5 | 71.4 | 2.7 | 66.9 | 4.9 | 57.7 | 6.4 | 51.8 | 8.0 |
| 06:00 | 1.5 | 71.7 | 2.7 | 68.8 | 4.8 | 59.5 | 6.3 | 52.5 | 7.7 |
| 06:15 | 1.4 | 76.9 | 2.6 | 72.6 | 4.4 | 60.8 | 6.1 | 53.1 | 7.2 |
| 06:30 | 1.5 | 85.3 | 2.7 | 67.5 | 4.4 | 58.4 | 6.3 | 52.1 | 6.8 |
| 06:45 | 1.4 | 72.2 | 3.1 | 65.1 | 4.6 | 55.5 | 6.3 | 50.2 | 6.7 |
| 07:00 | 1.5 | 60.6 | 3.3 | 67.1 | 4.7 | 53.0 | 6.1 | 49.5 | 7.0 |
| 07:15 | 1.7 | 61.9 | 3.3 | 64.4 | 4.8 | 54.2 | 6.2 | 50.4 | 7.5 |
| 07:30 | 1.6 | 68.1 | 3.4 | 59.6 | 4.7 | 54.5 | 6.2 | 50.7 | 8.0 |
| 07:45 | 1.9 | 61.6 | 3.6 | 56.7 | 4.9 | 51.8 | 6.5 | 47.9 | 7.8 |
| 08:00 | 2.3 | 49.3 | 3.6 | 57.7 | 5.1 | 53.2 | 6.9 | 46.0 | 8.1 |
| 08:15 | 2.3 | 63.9 | 3.5 | 56.6 | 4.9 | 56.0 | 6.5 | 50.9 | 8.7 |
| 08:30 | 2.3 | 86.8 | 3.7 | 62.5 | 4.8 | 57.6 | 6.2 | 52.6 | 8.7 |
| 08:45 | 2.2 | 85.3 | 3.5 | 69.3 | 4.6 | 59.0 | 5.7 | 51.5 | 7.8 |
| 09:00 | 3.0 | 82.7 | 2.9 | 71.1 | 4.5 | 57.0 | 5.3 | 51.6 | 7.1 |
| 09:15 | 2.8 | 80.8 | 2.6 | 74.8 | 3.7 | 60.9 | 4.8 | 51.3 | 6.0 |
| 09:30 | 1.9 | 81.3 | 2.0 | 81.8 | 2.6 | 78.4 | 3.2 | 77.5 | 4.5 |
| 09:45 | 2.1 | 84.4 | 2.0 | 77.0 | 2.8 | 74.1 | 3.0 | 80.3 | 3.9 |
| 10:00 | 2.1 | 78.4 | 2.7 | 71.8 | 2.8 | 67.5 | 2.9 | 71.6 | 3.4 |
| 10:15 | 1.7 | 69.8 | 2.5 | 61.6 | 2.3 | 64.3 | 2.4 | 68.8 | 2.6 |
| 10:30 | 1.8 | 74.3 | 2.3 | 56.8 | 2.0 | 65.1 | 2.0 | 67.9 | 2.0 |
| 10:45 | 2.3 | 84.8 | 2.4 | 72.7 | 2.2 | 79.1 | 2.3 | 79.9 | 2.2 |
| 11:00 | 2.7 | 90.4 | 2.3 | 90.4 | 2.3 | 92.1 | 2.3 | 92.0 | 2.8 |
| 11:15 | 1.8 | 85.7 | 1.2 | 86.2 | 1.9 | 86.2 | 2.4 | 83.3 | 3.0 |
| 11:30 | 1.2 | 90.2 | 1.5 | 75.0 | 2.4 | 73.9 | 2.7 | 79.2 | 2.5 |
| 11:45 | 1.4 | 92.2 | 2.4 | 79.0 | 2.4 | 72.1 | 2.3 | 79.2 | 2.1 |
| 12:00 | 1.5 | 85.5 | 2.3 | 77.5 | 2.6 | 66.8 | 2.3 | 64.2 | 2.3 |
| 12:15 | 2.1 | 83.1 | 2.1 | 73.0 | 2.5 | 65.7 | 2.4 | 61.0 | 2.9 |
| 12:30 | 2.3 | 85.1 | 2.5 | 75.9 | 2.3 | 80.4 | 2.5 | 76.8 | 3.2 |

Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

9/21/2020

Interval: 015m

| | 12_WD240m | 13_WS300m | 14_WD300m | 15_WS400m | 16_WD400m | 17_WS500m | 18_WD500m | 19_WS600m | 20_WD600m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 00:00 | 90.0 | | | | | | | | |
| 00:15 | 94.3 | | | | | | | | |
| 00:30 | 90.0 | | | | | | | | |
| 00:45 | 85.0 | | | | | | | | |
| 01:00 | 81.1 | 7.9 | 86.1 | | | | | | |
| 01:15 | 75.5 | 7.1 | 80.0 | | | | | | |
| 01:30 | 69.0 | 6.3 | 71.6 | | | | | | |
| 01:45 | 76.0 | 5.8 | 80.0 | | | | | | |
| 02:00 | 70.2 | 6.8 | 60.0 | | | | | | |
| 02:15 | 54.3 | 7.8 | 39.5 | | | | | | |
| 02:30 | 34.9 | 10.0 | 32.0 | | | | | | |
| 02:45 | 32.8 | 11.2 | 24.3 | 11.3 | 22.2 | 12.6 | 28.2 | | |
| 03:00 | 35.0 | 11.5 | 25.0 | 11.8 | 21.0 | 12.7 | 26.0 | | |
| 03:15 | 37.5 | 11.9 | 26.2 | 12.1 | 20.4 | 12.8 | 24.7 | 16.1 | 41.3 |
| 03:30 | 39.4 | 12.4 | 27.5 | 11.4 | 23.5 | 12.6 | 22.8 | 14.7 | 39.2 |
| 03:45 | 45.2 | 13.6 | 34.9 | 12.6 | 24.7 | 12.1 | 24.6 | 13.8 | 31.0 |
| 04:00 | 48.1 | 13.2 | 32.5 | 13.5 | 28.0 | 11.7 | 27.3 | 12.8 | 23.7 |
| 04:15 | 46.4 | 12.5 | 26.6 | 13.0 | 28.2 | 10.2 | 31.4 | 13.2 | 24.1 |
| 04:30 | 49.1 | 13.2 | 27.4 | 12.4 | 24.8 | 13.0 | 23.0 | 13.5 | 21.6 |
| 04:45 | 51.0 | 13.9 | 24.5 | 12.6 | 24.1 | 13.2 | 24.0 | 13.8 | 22.7 |
| 05:00 | 50.4 | 14.6 | 29.5 | 14.8 | 41.4 | 13.4 | 24.9 | | |
| 05:15 | 57.2 | 14.0 | 50.0 | 14.0 | 50.0 | 14.0 | 40.0 | | |
| 05:30 | 54.0 | 13.0 | 55.0 | 13.5 | 55.0 | 12.0 | 55.0 | | |
| 05:45 | 48.1 | 10.0 | 70.0 | 11.5 | 70.0 | 9.0 | 70.0 | | |
| 06:00 | 55.5 | 6.6 | 85.6 | 9.5 | 85.6 | 6.2 | 79.2 | | |
| 06:15 | 59.4 | 5.1 | 85.9 | 8.0 | 83.0 | 5.1 | 86.4 | | |
| 06:30 | 59.7 | 4.5 | 79.7 | 6.5 | 80.0 | 4.5 | 79.9 | | |
| 06:45 | 61.9 | 6.7 | 77.8 | 7.0 | 78.0 | 1.9 | 74.0 | | |
| 07:00 | 60.9 | 5.4 | 76.9 | 3.0 | 77.8 | 4.8 | 84.5 | | |
| 07:15 | 57.4 | 5.0 | 86.6 | 5.5 | 80.0 | 6.8 | 85.7 | | |
| 07:30 | 52.5 | 5.3 | 85.0 | 6.0 | 83.2 | 6.3 | 88.7 | | |
| 07:45 | 52.3 | 6.6 | 78.6 | 6.4 | 78.5 | 5.0 | 90.7 | 1.5 | 112.2 |
| 08:00 | 56.9 | 8.3 | 75.8 | 6.6 | 77.8 | 5.3 | 89.2 | | |
| 08:15 | 53.9 | 10.0 | 60.0 | 6.8 | 77.1 | | | | |
| 08:30 | 50.7 | 12.7 | 42.9 | 7.1 | 73.2 | | | | |
| 08:45 | 50.1 | 11.9 | 37.5 | 7.0 | 74.0 | | | | |
| 09:00 | 45.0 | 13.5 | 28.9 | 6.6 | 76.0 | | | | |
| 09:15 | 55.0 | 11.5 | 50.0 | 6.3 | 78.0 | | | | |
| 09:30 | 64.4 | 6.5 | 65.0 | 6.0 | 80.0 | | | | |
| 09:45 | 79.4 | 4.9 | 88.0 | 5.0 | 82.0 | | | | |
| 10:00 | 78.5 | 4.0 | 85.4 | 4.2 | 84.0 | 3.3 | 86.0 | | |
| 10:15 | 77.3 | 2.9 | 84.8 | 3.3 | 81.3 | 2.2 | 87.2 | | |
| 10:30 | 81.7 | 2.0 | 75.9 | 2.9 | 77.0 | 2.6 | 75.7 | | |
| 10:45 | 80.7 | 2.2 | 72.0 | 2.7 | 63.3 | 2.8 | 43.3 | | |
| 11:00 | 82.3 | 2.6 | 72.9 | 2.6 | 52.0 | 2.4 | 17.5 | 1.8 | 15.7 |
| 11:15 | 77.8 | 3.2 | 82.8 | 2.1 | 83.6 | 1.5 | 32.2 | 1.3 | 24.0 |
| 11:30 | 77.6 | 3.3 | 93.4 | 3.0 | 90.0 | 3.3 | 75.6 | 2.3 | 68.4 |
| 11:45 | 79.0 | 2.8 | 73.2 | 3.0 | 70.0 | | | | |
| 12:00 | 72.9 | 3.0 | 47.5 | 4.5 | 50.0 | | | | |
| 12:15 | 87.6 | 2.7 | 61.1 | 8.2 | 22.8 | | | | |
| 12:30 | 90.2 | 2.8 | 76.2 | | | | | | |

Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

9/21/2020

Interval: 015m

| | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEGC | M/SEC | DEG |
| 00:00 | | | | |
| 00:15 | | | | |
| 00:30 | | | | |
| 00:45 | | | | |
| 01:00 | | | | |
| 01:15 | | | | |
| 01:30 | | | | |
| 01:45 | | | | |
| 02:00 | | | | |
| 02:15 | | | | |
| 02:30 | | | | |
| 02:45 | | | | |
| 03:00 | | | | |
| 03:15 | 16.2 | 44.9 | 16.3 | 47.0 |
| 03:30 | 15.8 | 43.1 | | |
| 03:45 | | | | |
| 04:00 | | | | |
| 04:15 | | | | |
| 04:30 | | | | |
| 04:45 | | | | |
| 05:00 | | | | |
| 05:15 | | | | |
| 05:30 | | | | |
| 05:45 | | | | |
| 06:00 | | | | |
| 06:15 | | | | |
| 06:30 | | | | |
| 06:45 | | | | |
| 07:00 | | | | |
| 07:15 | | | | |
| 07:30 | | | | |
| 07:45 | | | | |
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| 08:15 | | | | |
| 08:30 | | | | |
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| 09:00 | | | | |
| 09:15 | | | | |
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| 11:15 | | | | |
| 11:30 | | | | |
| 11:45 | | | | |
| 12:00 | | | | |
| 12:15 | | | | |
| 12:30 | | | | |

| | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-----------------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEGC | M/SEC | DEG |
| 12:45 | | | | |
| 13:00 | | | | |
| 13:15 | | | | |
| 13:30 | | | | |
| 13:45 | | | | |
| 14:00 | | | | |
| 14:15 | | | | |
| 14:30 | | | | |
| 14:45 | | | | |
| 15:00 | | | | |
| 15:15 | | | | |
| 15:30 | | | | |
| 15:45 | | | | |
| 16:00 | | | | |
| 16:15 | | | | |
| 16:30 | | | | |
| 16:45 | | | | |
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| 18:00 | | | | |
| 18:15 | | | | |
| 18:30 | | | | |
| 18:45 | | | | |
| 19:00 | | | | |
| 19:15 | | | | |
| 19:30 | | | | |
| 19:45 | | | | |
| 20:00 | | | | |
| 20:15 | | | | |
| 20:30 | | | | |
| 20:45 | | | | |
| 21:00 | | | | |
| 21:15 | | | | |
| 21:30 | | | | |
| 21:45 | | | | |
| 22:00 | | | | |
| 22:15 | | | | |
| 22:30 | | | | |
| 22:45 | | | | |
| 23:00 | | | | |
| 23:15 | | | | |
| 23:30 | | | | |
| 23:45 | | | | |
| Avg | 16.0 | 44.0 | 16.3 | 47.0 |
| Max | 16.2 | 44.9 | 16.3 | 47.0 |
| Max Time | 03:15 | 03:15 | 03:15 | 03:15 |
| Min | 15.8 | 43.1 | 16.3 | 47.0 |
| Count | 2 | 2 | 1 | 1 |
| Total | | | | |