

## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

9/11/2020

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        | 355.0     | .8        | 35.0      | 2.8       | 28.0      | 3.2       | 31.0      | 3.8       |
| 00:15 | .2        | 346.4     | .4        | 42.4      | 2.6       | 30.4      | 3.5       | 32.9      | 3.5       |
| 00:30 | .1        | 4.5       | .3        | 50.5      | 2.5       | 34.0      | 3.4       | 38.3      | 4.6       |
| 00:45 | .1        | 23.1      | .4        | 23.8      | 2.5       | 33.8      | 3.3       | 40.6      | 1.9       |
| 01:00 | .0        | 150.2     | .2        | 27.0      | 2.2       | 32.4      | 3.3       | 39.2      | 1.8       |
| 01:15 | .1        | 137.5     | .3        | 11.1      | 1.7       | 26.6      | 3.0       | 36.3      | 4.0       |
| 01:30 | .3        | 352.2     | .5        | 357.1     | 1.8       | 18.5      | 3.3       | 21.7      | 8.2       |
| 01:45 | .5        | 349.3     | .5        | 357.1     | 2.2       | 16.4      | 4.0       | 14.6      | 8.1       |
| 02:00 | .4        | 9.3       | .7        | 17.0      | 2.6       | 22.9      | 3.9       | 17.6      | 7.7       |
| 02:15 | .3        | 63.9      | .9        | 38.7      | 2.8       | 37.6      | 2.9       | 27.6      | 7.6       |
| 02:30 | .3        | 84.0      | 1.2       | 52.3      | 3.3       | 43.0      | 3.5       | 34.4      | 7.4       |
| 02:45 | .4        | 36.1      | 1.1       | 49.9      | 3.2       | 41.4      | 4.3       | 35.8      | 7.3       |
| 03:00 | .3        | 15.5      | 1.0       | 64.3      | 2.9       | 48.4      | 4.2       | 47.3      | 6.5       |
| 03:15 | .2        | 36.2      | .9        | 65.2      | 3.1       | 51.3      | 4.5       | 49.0      | 8.1       |
| 03:30 | .4        | 47.7      | .9        | 46.5      | 3.4       | 47.3      | 4.7       | 41.4      | 8.2       |
| 03:45 | .9        | 30.3      | 1.4       | 42.1      | 3.7       | 42.0      | 4.7       | 35.4      | 8.6       |
| 04:00 | 1.2       | 24.3      | 1.9       | 43.3      | 3.8       | 37.5      | 5.2       | 28.7      | 8.7       |
| 04:15 | .9        | 25.7      | 1.6       | 46.8      | 3.5       | 40.4      | 5.2       | 29.7      | 8.6       |
| 04:30 | .5        | 47.1      | 1.2       | 60.7      | 3.2       | 50.5      | 4.8       | 42.1      | 7.1       |
| 04:45 | .4        | 78.6      | .8        | 73.4      | 2.6       | 56.7      | 4.3       | 46.3      | 6.0       |
| 05:00 | .5        | 110.5     | .8        | 86.5      | 2.3       | 60.9      | 3.9       | 49.8      | 4.9       |
| 05:15 | .8        | 93.3      | 1.4       | 81.1      | 2.5       | 60.2      | 4.3       | 50.6      | 5.7       |
| 05:30 | .5        | 94.7      | 1.3       | 75.5      | 2.6       | 56.8      | 4.5       | 47.8      | 7.4       |
| 05:45 | .4        | 73.8      | 1.1       | 69.0      | 2.7       | 59.0      | 4.7       | 47.1      | 9.0       |
| 06:00 | .6        | 66.6      | 1.4       | 61.2      | 3.1       | 53.8      | 5.3       | 43.2      | 9.2       |
| 06:15 | .4        | 70.9      | 1.3       | 63.2      | 3.3       | 52.9      | 5.6       | 45.3      | 10.0      |
| 06:30 | .3        | 78.8      | .9        | 52.7      | 2.9       | 48.7      | 5.1       | 43.1      | 9.6       |
| 06:45 | .3        | 73.2      | .8        | 30.1      | 2.5       | 41.3      | 4.5       | 41.7      | 7.2       |
| 07:00 | .7        | 84.1      | .9        | 42.0      | 2.3       | 52.8      | 4.5       | 49.6      | 6.9       |
| 07:15 | .8        | 97.9      | .9        | 57.0      | 2.4       | 60.7      | 4.6       | 50.8      | 6.9       |
| 07:30 | .4        | 109.5     | .7        | 69.8      | 2.1       | 55.8      | 4.3       | 48.6      | 7.9       |
| 07:45 | .3        | 84.0      | .7        | 63.0      | 2.1       | 52.6      | 4.3       | 49.2      | 8.5       |
| 08:00 | .2        | 64.2      | .6        | 56.2      | 2.3       | 58.4      | 4.4       | 54.9      | 7.8       |
| 08:15 | .3        | 55.2      | .9        | 67.4      | 2.4       | 67.4      | 4.4       | 64.6      | 6.3       |
| 08:30 | .2        | 95.9      | 1.0       | 70.8      | 2.6       | 70.9      | 4.0       | 71.4      | 5.2       |
| 08:45 | .1        | 77.1      | 1.2       | 70.3      | 2.4       | 69.2      | 3.6       | 72.1      | 2.5       |
| 09:00 | .3        | 82.1      | 1.8       | 68.3      | 2.5       | 65.0      | 4.0       | 62.6      | 4.0       |
| 09:15 | .3        | 108.7     | 1.9       | 71.6      | 2.5       | 62.4      | 4.3       | 59.7      | 5.7       |
| 09:30 | .3        | 74.3      | 1.7       | 70.9      | 2.7       | 60.6      | 4.4       | 62.9      | 5.9       |
| 09:45 | .4        | 88.0      | 1.5       | 65.6      | 2.5       | 50.6      | 4.1       | 57.4      | 5.2       |
| 10:00 | .5        | 88.7      | 1.8       | 78.9      | 2.5       | 46.2      | 3.6       | 49.5      | 3.9       |
| 10:15 | .7        | 63.6      | 2.0       | 85.5      | 2.3       | 58.0      | 2.5       | 66.1      | 3.1       |
| 10:30 | .9        | 75.6      | 2.3       | 93.1      | 2.8       | 96.4      | 3.0       | 95.7      | 3.1       |
| 10:45 | 1.0       | 70.8      | 2.4       | 91.7      | 2.9       | 90.1      | 3.2       | 91.6      | 2.9       |
| 11:00 | 1.2       | 62.9      | 1.9       | 81.3      | 1.9       | 74.5      | 1.9       | 80.0      | 1.8       |
| 11:15 | .9        | 52.2      | 2.2       | 63.7      | 1.9       | 64.1      | 1.9       | 67.8      | 1.5       |
| 11:30 | .8        | 37.9      | 2.2       | 60.9      | 2.3       | 67.1      | 2.4       | 74.3      | 2.0       |
| 11:45 | 1.1       | 46.4      | 1.6       | 62.1      | 1.9       | 68.4      | 2.1       | 76.1      | 1.8       |
| 12:00 | 1.1       | 61.0      | 2.0       | 72.4      | 2.3       | 81.0      | 2.5       | 86.7      | 2.6       |
| 12:15 | .7        | 77.9      | 1.5       | 80.4      | 1.8       | 74.8      | 2.2       | 89.4      | 2.8       |
| 12:30 | .9        | 68.6      | 1.5       | 84.1      | 1.6       | 57.7      | 1.7       | 68.6      | 1.6       |



## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

9/11/2020

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 | 5.0       |           |           |           |           |           |           |           |           |
| 00:15 | 8.8       |           |           |           |           |           |           |           |           |
| 00:30 | 8.4       |           |           |           |           |           |           |           |           |
| 00:45 | 359.6     |           |           |           |           |           |           |           |           |
| 01:00 | 351.1     |           |           |           |           |           |           |           |           |
| 01:15 | 9.1       |           |           |           |           |           |           |           |           |
| 01:30 | 5.4       |           |           |           |           |           |           |           |           |
| 01:45 | 4.5       | 10.7      | 5.3       |           |           |           |           |           |           |
| 02:00 | 2.8       | 8.3       | 1.8       |           |           |           |           |           |           |
| 02:15 | 6.0       | 8.4       | 8.0       |           |           |           |           |           |           |
| 02:30 | 10.0      | 8.6       | 18.0      |           |           |           |           |           |           |
| 02:45 | 13.6      | 8.7       | 24.3      |           |           |           |           |           |           |
| 03:00 | 29.7      | 9.8       | 31.4      |           |           |           |           |           |           |
| 03:15 | 27.8      | 11.0      | 34.0      | 14.1      | 43.6      |           |           |           |           |
| 03:30 | 26.5      | 11.0      | 31.8      | 14.8      | 46.0      |           |           |           |           |
| 03:45 | 19.5      | 10.9      | 22.0      |           |           |           |           |           |           |
| 04:00 | 16.7      | 10.4      | 18.5      |           |           |           |           |           |           |
| 04:15 | 13.5      | 10.2      | 32.0      |           |           |           |           |           |           |
| 04:30 | 21.7      | 10.2      | 36.1      |           |           |           |           |           |           |
| 04:45 | 30.6      | 10.3      | 18.1      |           |           |           |           |           |           |
| 05:00 | 52.7      | 10.7      | 11.4      |           |           |           |           |           |           |
| 05:15 | 48.7      | 9.9       | 10.4      |           |           |           |           |           |           |
| 05:30 | 32.4      | 10.0      | 15.0      |           |           |           |           |           |           |
| 05:45 | 32.0      | 11.0      | 19.0      |           |           |           |           |           |           |
| 06:00 | 25.1      | 11.0      | 23.0      |           |           |           |           |           |           |
| 06:15 | 35.4      | 11.5      | 28.0      |           |           |           |           |           |           |
| 06:30 | 35.7      | 12.0      | 33.0      |           |           |           |           |           |           |
| 06:45 | 34.4      | 12.0      | 37.9      |           |           |           |           |           |           |
| 07:00 | 45.3      | 14.2      | 46.6      |           |           |           |           |           |           |
| 07:15 | 42.9      | 12.0      | 23.0      |           |           |           |           |           |           |
| 07:30 | 27.0      | 11.1      | 359.6     |           |           |           |           |           |           |
| 07:45 | 27.2      |           |           |           |           |           |           |           |           |
| 08:00 | 36.9      |           |           |           |           |           |           |           |           |
| 08:15 | 58.1      |           |           |           |           |           |           |           |           |
| 08:30 | 60.0      |           |           |           |           |           |           |           |           |
| 08:45 | 66.4      |           |           |           |           |           |           |           |           |
| 09:00 | 64.7      | 3.5       | 78.6      |           |           |           |           |           |           |
| 09:15 | 61.1      |           |           |           |           |           |           |           |           |
| 09:30 | 62.6      |           |           |           |           |           |           |           |           |
| 09:45 | 61.0      |           |           |           |           |           |           |           |           |
| 10:00 | 70.0      |           |           |           |           |           |           |           |           |
| 10:15 | 96.3      |           |           |           |           |           |           |           |           |
| 10:30 | 92.2      |           |           |           |           |           |           |           |           |
| 10:45 | 91.9      |           |           |           |           |           |           |           |           |
| 11:00 | 90.6      |           |           |           |           |           |           |           |           |
| 11:15 | 83.8      |           |           |           |           |           |           |           |           |
| 11:30 | 88.7      |           |           |           |           |           |           |           |           |
| 11:45 | 80.9      |           |           |           |           |           |           |           |           |
| 12:00 | 96.8      |           |           |           |           |           |           |           |           |
| 12:15 | 104.5     | 4.2       | 87.2      |           |           |           |           |           |           |
| 12:30 | 80.9      | 2.0       | 76.3      |           |           |           |           |           |           |



### Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

9/11/2020

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 |           |           |           |           |
| 03:30 |           |           |           |           |
| 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 |           |           |           |           |
| 08:00 |           |           |           |           |
| 08:15 |           |           |           |           |
| 08:30 |           |           |           |           |
| 08:45 |           |           |           |           |
| 09:00 |           |           |           |           |
| 09:15 |           |           |           |           |
| 09:30 |           |           |           |           |
| 09:45 |           |           |           |           |
| 10:00 |           |           |           |           |
| 10:15 |           |           |           |           |
| 10:30 |           |           |           |           |
| 10:45 |           |           |           |           |
| 11:00 |           |           |           |           |
| 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           |           |           |           |           |
| 17:00           |           |           |           |           |
| 17:15           |           |           |           |           |
| 17:30           |           |           |           |           |
| 17:45           |           |           |           |           |
| 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           |           |           |           |           |
| <b>Avg</b>      |           |           |           |           |
| <b>Max</b>      |           |           |           |           |
| <b>Max Time</b> |           |           |           |           |
| <b>Min</b>      |           |           |           |           |
| <b>Count</b>    | 0         | 0         | 0         | 0         |
| <b>Total</b>    |           |           |           |           |