

## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

4/2/2021

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     | DEG       | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     |
| 00:00 | .4        | 2.0       | 1.5       | 15.0      | 2.4       | 14.0      | 1.8       | 14.0      | .9        |
| 00:15 | .2        | 349.5     | 1.5       | 14.9      | 2.4       | 18.9      | 1.9       | 19.9      | 1.1       |
| 00:30 | .3        | 302.9     | .7        | 13.4      | 1.2       | 34.5      | 1.2       | 37.3      | .9        |
| 00:45 | .1        | 338.9     | .7        | 39.3      | 1.5       | 48.3      | 1.9       | 54.8      | 1.4       |
| 01:00 | .2        | 65.5      | 1.0       | 28.8      | 1.9       | 39.6      | 1.9       | 43.9      | 1.7       |
| 01:15 | .2        | 76.8      | 1.0       | 18.7      | 1.4       | 45.4      | 1.0       | 50.3      | 1.0       |
| 01:30 | .1        | 65.8      | .8        | 25.0      | 1.3       | 52.8      | .9        | 65.2      | .8        |
| 01:45 | .2        | 34.5      | .8        | 38.6      | 1.6       | 51.1      | 1.1       | 51.8      | .7        |
| 02:00 | .3        | 1.7       | .6        | 46.1      | 1.7       | 58.2      | 1.3       | 51.9      | .6        |
| 02:15 | .4        | 9.7       | 1.1       | 52.2      | 2.1       | 56.2      | 1.8       | 55.6      | .9        |
| 02:30 | .4        | 28.3      | 1.6       | 49.4      | 2.2       | 51.8      | 2.1       | 57.0      | 1.1       |
| 02:45 | .3        | 33.0      | 1.4       | 44.1      | 1.9       | 41.3      | 1.8       | 48.6      | 1.5       |
| 03:00 | .3        | 36.0      | 1.2       | 35.6      | 1.9       | 35.9      | 2.1       | 35.2      | 2.5       |
| 03:15 | .4        | 21.4      | 1.4       | 33.1      | 2.1       | 35.0      | 2.3       | 35.0      | 2.3       |
| 03:30 | .6        | 9.9       | 1.3       | 35.8      | 1.9       | 36.7      | 2.0       | 40.9      | 1.7       |
| 03:45 | .4        | 358.6     | 1.5       | 41.0      | 2.2       | 39.4      | 2.4       | 40.6      | 2.1       |
| 04:00 | .3        | 323.1     | 1.9       | 41.2      | 2.6       | 37.8      | 2.7       | 40.1      | 2.2       |
| 04:15 | .5        | 323.0     | 1.5       | 36.8      | 2.4       | 37.3      | 2.4       | 40.3      | 1.7       |
| 04:30 | .7        | 308.9     | 1.2       | 39.6      | 2.6       | 38.8      | 3.0       | 41.3      | 2.3       |
| 04:45 | .6        | 305.5     | 1.2       | 45.4      | 2.5       | 45.9      | 3.4       | 44.7      | 2.7       |
| 05:00 | .3        | 335.3     | 1.5       | 59.9      | 2.7       | 49.2      | 3.3       | 45.8      | 2.4       |
| 05:15 | .2        | 4.8       | 1.6       | 67.5      | 2.6       | 49.3      | 3.0       | 42.9      | 2.7       |
| 05:30 | .2        | 306.8     | 1.2       | 52.9      | 1.9       | 45.5      | 2.5       | 35.8      | 2.0       |
| 05:45 | .2        | 345.7     | 1.2       | 38.6      | 1.8       | 42.1      | 2.2       | 33.6      | 2.3       |
| 06:00 | .5        | 43.8      | 1.1       | 33.8      | 1.9       | 44.6      | 2.5       | 35.1      | 3.5       |
| 06:15 | .3        | 74.1      | .8        | 37.2      | 1.5       | 45.6      | 1.9       | 34.3      | 1.9       |
| 06:30 | .1        | 195.6     | .6        | 48.6      | 1.0       | 47.3      | 1.2       | 41.8      | 1.1       |
| 06:45 | .1        | 140.5     | .8        | 38.8      | 1.2       | 38.2      | 1.5       | 43.3      | 1.5       |
| 07:00 | .3        | 78.0      | 1.3       | 38.6      | 1.7       | 39.5      | 1.9       | 35.3      | 1.6       |
| 07:15 | .6        | 37.3      | 1.8       | 35.1      | 2.4       | 34.0      | 3.0       | 26.6      | 3.3       |
| 07:30 | .5        | 42.6      | 1.4       | 27.7      | 2.2       | 33.5      | 2.9       | 28.4      | 4.2       |
| 07:45 | .2        | 69.7      | 1.0       | 31.9      | 1.9       | 43.6      | 2.2       | 41.7      | 2.4       |
| 08:00 | .3        | 276.1     | .8        | 37.9      | 1.6       | 42.5      | 1.7       | 51.6      | 1.3       |
| 08:15 | .5        | 248.0     | .7        | 39.8      | 1.2       | 51.8      | 1.5       | 66.2      | .8        |
| 08:30 | .5        | 241.6     | .8        | 30.5      | 1.2       | 51.6      | 1.4       | 65.5      | .8        |
| 08:45 | .2        | 103.6     | .9        | 21.2      | 1.3       | 42.5      | 1.2       | 60.2      | .7        |
| 09:00 | .4        | 50.9      | 1.3       | 38.0      | 1.6       | 46.4      | 1.5       | 57.3      | 1.0       |
| 09:15 | .7        | 358.4     | 1.7       | 38.0      | 2.1       | 47.9      | 2.0       | 44.2      | 1.7       |
| 09:30 | .5        | 3.1       | 2.3       | 37.1      | 3.0       | 49.5      | 2.9       | 43.6      | 3.1       |
| 09:45 | .7        | 320.6     | 2.9       | 51.3      | 3.9       | 57.7      | 4.3       | 59.1      | 4.8       |
| 10:00 | 3.0       | 63.8      | 3.9       | 57.7      | 5.0       | 57.4      | 5.7       | 58.2      | 5.5       |
| 10:15 | 2.9       | 43.6      | 4.2       | 40.4      | 4.9       | 39.5      | 5.3       | 40.1      | 5.8       |
| 10:30 | 1.7       | 1.9       | 3.4       | 7.7       | 4.0       | 24.2      | 4.3       | 29.4      | 5.0       |
| 10:45 | 1.8       | 351.2     | 3.3       | 3.8       | 3.8       | 14.5      | 4.1       | 22.6      | 5.0       |
| 11:00 | 3.2       | 5.4       | 4.9       | 16.5      | 4.9       | 14.4      | 4.6       | 15.8      | 5.3       |
| 11:15 | 4.0       | 14.6      | 5.7       | 14.5      | 5.7       | 18.2      | 5.0       | 21.2      | 5.3       |
| 11:30 | 3.2       | 17.3      | 3.7       | 24.6      | 4.9       | 20.6      | 5.3       | 21.2      | 5.9       |
| 11:45 | 1.0       | 40.9      | 2.1       | 58.2      | 3.5       | 43.5      | 3.9       | 33.4      | 4.8       |
| 12:00 | 1.2       | 20.3      | 2.4       | 20.0      | 4.0       | 32.4      | 4.2       | 34.0      | 4.3       |
| 12:15 | 2.3       | 23.8      | 3.5       | 21.3      | 4.2       | 30.0      | 4.4       | 29.5      | 4.1       |
| 12:30 | 3.6       | 51.4      | 3.7       | 43.7      | 4.3       | 50.8      | 3.9       | 45.2      | 3.7       |



## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

4/2/2021

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 | 23.0      | .3        | 70.0      |           |           |           |           |           |           |
| 00:15 | 33.9      | .3        | 125.1     |           |           |           |           |           |           |
| 00:30 | 41.7      | .4        | 15.6      |           |           |           |           |           |           |
| 00:45 | 53.3      | 1.0       | 30.4      |           |           |           |           |           |           |
| 01:00 | 49.3      | 1.3       | 32.4      |           |           |           |           |           |           |
| 01:15 | 51.6      | .6        | 30.4      |           |           |           |           |           |           |
| 01:30 | 43.3      | .4        | 22.1      |           |           |           |           |           |           |
| 01:45 | 56.0      | .6        | 31.3      |           |           |           |           |           |           |
| 02:00 | 51.7      | .7        | 34.4      |           |           |           |           |           |           |
| 02:15 | 54.1      | .8        | 48.0      |           |           |           |           |           |           |
| 02:30 | 62.4      | .9        | 38.2      | 6.1       | 29.3      |           |           |           |           |
| 02:45 | 37.3      | 2.1       | 14.9      | 5.5       | 18.1      |           |           |           |           |
| 03:00 | 17.9      | 4.3       | 9.1       | 4.2       | 20.8      |           |           |           |           |
| 03:15 | 22.6      | 2.8       | 12.8      | 2.8       | 37.1      |           |           |           |           |
| 03:30 | 42.5      | 1.5       | 24.9      |           |           |           |           |           |           |
| 03:45 | 43.9      | 1.4       | 30.0      |           |           |           |           |           |           |
| 04:00 | 36.3      | 1.1       | 30.9      |           |           |           |           |           |           |
| 04:15 | 35.7      | 1.1       | 59.0      |           |           |           |           |           |           |
| 04:30 | 35.0      | 2.4       | 32.3      |           |           |           |           |           |           |
| 04:45 | 34.9      | 3.5       | 28.9      |           |           |           |           |           |           |
| 05:00 | 38.2      | 2.4       | 38.4      |           |           |           |           |           |           |
| 05:15 | 40.4      | 4.0       | 25.8      |           |           |           |           |           |           |
| 05:30 | 42.8      | 4.3       | 25.9      | 6.5       | 28.1      |           |           |           |           |
| 05:45 | 27.9      | 4.3       | 13.1      | 6.0       | 24.0      |           |           |           |           |
| 06:00 | 18.1      | 4.0       | 16.4      | 5.3       | 22.0      |           |           |           |           |
| 06:15 | 30.2      | 2.7       | 26.0      | 4.6       | 19.5      |           |           |           |           |
| 06:30 | 53.9      | 2.5       | 17.8      | 5.8       | 13.0      |           |           |           |           |
| 06:45 | 35.9      | 2.6       | 22.3      | 3.5       | 40.0      |           |           |           |           |
| 07:00 | 31.1      | 2.0       | 31.5      | 1.0       | 68.7      |           |           |           |           |
| 07:15 | 20.6      | 4.0       | 16.1      | 4.5       | 50.0      |           |           |           |           |
| 07:30 | 18.4      | 6.0       | 10.9      | 5.2       | 32.4      |           |           |           |           |
| 07:45 | 26.3      | 3.8       | 15.0      | 3.1       | 26.7      |           |           |           |           |
| 08:00 | 35.8      | 2.0       | 20.0      | 2.5       | 354.1     |           |           |           |           |
| 08:15 | 48.3      | .9        | 51.7      | 2.1       | 359.0     |           |           |           |           |
| 08:30 | 63.8      | 1.0       | 56.0      |           |           |           |           |           |           |
| 08:45 | 62.8      | 1.5       | 28.7      |           |           |           |           |           |           |
| 09:00 | 52.9      | 1.8       | 29.6      |           |           |           |           |           |           |
| 09:15 | 42.9      | 2.3       | 33.1      |           |           |           |           |           |           |
| 09:30 | 38.9      | 4.2       | 38.3      | 11.4      | 42.7      |           |           |           |           |
| 09:45 | 52.0      | 5.9       | 53.1      | 11.3      | 44.7      | 11.6      | 50.1      |           |           |
| 10:00 | 57.9      | 6.3       | 51.0      | 10.8      | 37.0      | 11.3      | 47.0      |           |           |
| 10:15 | 36.7      | 7.3       | 29.4      | 10.2      | 29.4      | 11.0      | 38.0      |           |           |
| 10:30 | 23.9      | 5.9       | 21.2      | 8.1       | 20.6      | 10.5      | 32.0      |           |           |
| 10:45 | 17.5      | 5.9       | 16.4      | 7.6       | 17.5      | 10.0      | 34.0      |           |           |
| 11:00 | 14.1      | 6.5       | 13.4      | 8.8       | 25.3      | 10.3      | 36.0      |           |           |
| 11:15 | 16.5      | 6.3       | 16.1      | 8.5       | 33.8      | 10.6      | 39.0      |           |           |
| 11:30 | 23.7      | 7.0       | 20.1      | 9.0       | 42.0      | 11.4      | 34.5      |           |           |
| 11:45 | 41.3      | 6.6       | 32.3      | 9.5       | 52.4      | 11.0      | 48.4      |           |           |
| 12:00 | 32.7      | 5.7       | 25.1      | 9.0       | 35.2      | 10.7      | 49.0      |           |           |
| 12:15 | 30.2      | 4.9       | 30.6      | 8.4       | 39.7      | 10.5      | 51.0      |           |           |
| 12:30 | 41.0      | 4.3       | 48.0      | 7.3       | 43.6      | 10.2      | 53.0      |           |           |



### Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

4/2/2021

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>    |           |           |           |           |