

## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

5/22/2021

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 | .7        | 273.0     | .7        | 315.0     | .9        | 327.0     | .4        | 333.0     |           |
| 00:15 | .6        | 263.9     | .4        | 301.1     | .6        | 307.2     | .3        | 323.9     |           |
| 00:30 | .5        | 248.3     | .4        | 270.9     | .7        | 297.7     | .3        | 255.2     | .1        |
| 00:45 | .3        | 222.4     | .4        | 194.3     | .4        | 268.4     | .3        | 242.9     | .1        |
| 01:00 | .5        | 212.7     | 1.3       | 178.4     | 1.4       | 180.2     | 1.0       | 183.7     | .8        |
| 01:15 | .7        | 213.6     | 2.3       | 188.0     | 1.9       | 184.7     | 1.0       | 178.2     | 1.1       |
| 01:30 | .4        | 210.4     | 1.8       | 197.8     | 1.0       | 197.9     | .5        | 177.4     | .8        |
| 01:45 | .4        | 166.8     | .9        | 212.3     | .4        | 204.8     | .5        | 186.1     | .6        |
| 02:00 | .5        | 128.4     | .9        | 222.0     | 1.0       | 201.3     | 1.2       | 194.7     | 1.2       |
| 02:15 | .5        | 87.4      | .4        | 263.0     | 1.1       | 207.6     | 2.1       | 197.7     | 3.3       |
| 02:30 | .6        | 89.3      | .7        | 344.4     | .6        | 234.6     | 1.6       | 207.5     | 3.2       |
| 02:45 | .7        | 104.4     | .8        | 351.7     | .5        | 284.5     | 1.2       | 232.6     | 3.0       |
| 03:00 | .5        | 102.1     | .8        | 358.1     | .7        | 263.5     | 1.8       | 232.3     | 3.9       |
| 03:15 | .2        | 101.2     | .7        | 339.9     | 1.0       | 254.2     | 2.2       | 233.6     | 4.5       |
| 03:30 | .2        | 122.8     | .8        | 316.7     | 1.2       | 269.6     | 2.3       | 245.5     | 3.9       |
| 03:45 | .2        | 151.0     | 1.0       | 288.2     | 1.5       | 272.3     | 2.2       | 253.1     | 3.0       |
| 04:00 | .2        | 221.0     | 1.1       | 270.1     | 1.5       | 266.8     | 2.2       | 254.0     | 3.2       |
| 04:15 | .0        | 286.1     | .7        | 262.0     | 1.5       | 266.8     | 2.3       | 257.6     | 3.3       |
| 04:30 | .2        | 290.1     | .3        | 277.1     | 1.5       | 272.4     | 2.0       | 270.1     | 2.4       |
| 04:45 | .4        | 268.0     | .3        | 280.7     | 1.4       | 277.2     | 2.1       | 280.2     | 1.7       |
| 05:00 | .4        | 274.8     | .6        | 270.1     | 1.5       | 274.2     | 1.9       | 274.3     | 1.0       |
| 05:15 | .4        | 275.4     | .6        | 252.4     | 1.4       | 270.5     | 1.4       | 270.8     | 1.3       |
| 05:30 | .5        | 273.7     | .4        | 228.3     | 1.3       | 270.3     | 1.9       | 276.1     | 2.8       |
| 05:45 | .5        | 285.3     | .5        | 272.2     | 1.3       | 275.1     | 2.4       | 277.8     | 2.5       |
| 06:00 | .6        | 296.0     | .8        | 277.8     | 1.5       | 286.9     | 1.9       | 281.5     | 1.1       |
| 06:15 | .6        | 304.7     | .9        | 276.8     | 2.0       | 283.5     | 1.5       | 279.0     | .9        |
| 06:30 | .3        | 308.7     | .9        | 283.2     | 2.0       | 281.7     | 1.4       | 277.9     | .7        |
| 06:45 | .3        | 300.4     | .8        | 275.0     | 1.6       | 285.3     | 1.1       | 279.5     | .5        |
| 07:00 | .2        | 325.7     | .4        | 257.3     | 1.2       | 283.2     | .9        | 277.8     | .6        |
| 07:15 | .1        | 349.0     | .1        | 117.8     | 1.2       | 280.4     | 1.1       | 287.7     | .6        |
| 07:30 | .5        | 98.9      | .3        | 154.2     | 1.0       | 270.7     | 1.0       | 278.1     | .7        |
| 07:45 | .8        | 99.0      | .4        | 173.3     | .5        | 238.9     | .8        | 239.6     | .8        |
| 08:00 | .7        | 92.6      | .4        | 142.8     | .2        | 219.4     | .7        | 237.8     | 1.1       |
| 08:15 | .6        | 129.6     | .7        | 157.0     | .8        | 233.0     | 1.0       | 250.0     | 1.1       |
| 08:30 | .4        | 126.4     | .6        | 177.9     | .5        | 250.3     | 1.3       | 273.0     | 1.2       |
| 08:45 | .4        | 56.5      | .4        | 318.3     | 1.2       | 295.0     | 1.6       | 299.8     | 1.2       |
| 09:00 | .2        | 34.5      | .4        | 286.8     | 1.4       | 300.9     | 2.2       | 303.4     | .7        |
| 09:15 | .2        | 39.3      | .4        | 294.0     | 1.4       | 304.8     | 2.4       | 302.0     | 1.1       |
| 09:30 | .1        | 98.0      | .3        | 314.4     | 1.3       | 312.9     | 2.5       | 300.1     | 1.5       |
| 09:45 | .1        | 129.8     | .4        | 226.6     | 1.2       | 317.4     | 2.3       | 301.3     | 1.9       |
| 10:00 | .1        | 350.6     | .6        | 252.8     | 1.0       | 288.0     | 1.7       | 291.8     | 1.8       |
| 10:15 | .2        | 272.0     | .7        | 299.9     | .9        | 268.6     | 1.2       | 279.8     | 1.4       |
| 10:30 | .2        | 255.5     | .7        | 273.1     | .5        | 291.4     | .6        | 261.6     | 1.0       |
| 10:45 | .2        | 298.9     | .6        | 279.8     | .9        | 272.2     | .7        | 250.3     | .8        |
| 11:00 | .4        | 258.2     | .8        | 262.7     | 1.9       | 256.8     | 1.6       | 257.1     | .9        |
| 11:15 | .7        | 262.4     | 1.4       | 241.0     | 2.2       | 256.7     | 2.4       | 249.6     | 1.1       |
| 11:30 | .8        | 270.7     | 2.2       | 265.0     | 2.6       | 259.2     | 2.7       | 252.5     | 2.3       |
| 11:45 | 1.4       | 274.9     | 3.0       | 274.8     | 3.1       | 261.4     | 3.0       | 262.4     | 3.3       |
| 12:00 | 1.4       | 272.1     | 2.4       | 261.6     | 3.4       | 253.3     | 3.8       | 256.9     | 3.2       |
| 12:15 | .8        | 251.1     | 2.0       | 242.8     | 2.5       | 243.4     | 2.7       | 247.5     | 1.9       |
| 12:30 | 1.1       | 275.0     | 1.7       | 265.1     | 1.5       | 268.2     | 1.4       | 281.9     | 1.8       |



## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

5/22/2021

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 |           |           |           |           |           |           |           |           |           |
| 00:15 |           |           |           |           |           |           |           |           |           |
| 00:30 | 33.6      |           |           |           |           |           |           |           |           |
| 00:45 | 143.9     |           |           |           |           |           |           |           |           |
| 01:00 | 181.5     |           |           |           |           |           |           |           |           |
| 01:15 | 177.9     | 1.5       | 175.5     | .9        | 190.8     |           |           |           |           |
| 01:30 | 172.5     | 1.3       | 171.5     | 1.8       | 174.1     |           |           |           |           |
| 01:45 | 153.9     | .3        | 149.5     | 1.1       | 168.8     |           |           |           |           |
| 02:00 | 185.4     | .6        | 185.7     | .8        | 161.9     |           |           |           |           |
| 02:15 | 193.3     | 1.9       | 186.6     |           |           |           |           |           |           |
| 02:30 | 202.7     | 4.0       | 199.7     |           |           |           |           |           |           |
| 02:45 | 219.3     | 5.5       | 205.4     |           |           |           |           |           |           |
| 03:00 | 218.5     | 5.7       | 205.3     |           |           |           |           |           |           |
| 03:15 | 218.3     | 5.2       | 212.5     |           |           |           |           |           |           |
| 03:30 | 231.2     | 4.5       | 232.6     |           |           |           |           |           |           |
| 03:45 | 245.3     | 3.9       | 251.8     | .4        | 209.0     | .3        | 268.0     |           |           |
| 04:00 | 244.8     | 3.5       | 248.4     | 1.0       | 270.9     | .5        | 279.2     |           |           |
| 04:15 | 245.4     | 2.2       | 244.3     | 1.1       | 297.7     | .7        | 30.5      |           |           |
| 04:30 | 249.8     | .9        | 243.5     | 1.0       | 282.0     | 1.1       | 53.3      |           |           |
| 04:45 | 254.3     | .4        | 215.9     | .6        | 267.5     | 1.0       | 15.0      | .9        | 21.6      |
| 05:00 | 253.9     | .2        | 204.5     | .3        | 192.8     | .9        | 351.5     | .8        | 45.4      |
| 05:15 | 251.9     | .1        | 182.4     | .8        | 197.0     | 1.6       | 297.2     |           |           |
| 05:30 | 261.7     | .9        | 248.2     | .8        | 235.8     | 1.2       | 345.0     |           |           |
| 05:45 | 265.5     | 1.1       | 252.2     | 1.0       | 229.4     | .9        | 33.4      |           |           |
| 06:00 | 264.3     | .9        | 255.3     | 2.4       | 225.0     |           |           |           |           |
| 06:15 | 260.7     | .8        | 248.1     | 1.9       | 241.5     |           |           |           |           |
| 06:30 | 263.3     | .9        | 244.6     | .5        | 272.8     |           |           |           |           |
| 06:45 | 272.4     | 1.0       | 249.6     | .3        | 247.2     |           |           |           |           |
| 07:00 | 280.5     | .9        | 269.2     | .9        | 254.0     |           |           |           |           |
| 07:15 | 281.8     | .7        | 285.2     | .7        | 282.7     |           |           |           |           |
| 07:30 | 272.4     | .3        | 243.2     |           |           |           |           |           |           |
| 07:45 | 260.0     | .5        | 232.4     |           |           |           |           |           |           |
| 08:00 | 255.2     | .9        | 249.9     |           |           |           |           |           |           |
| 08:15 | 268.0     | 1.3       | 258.0     |           |           |           |           |           |           |
| 08:30 | 280.0     | 1.4       | 270.0     |           |           |           |           |           |           |
| 08:45 | 287.5     | 1.4       | 268.0     |           |           |           |           |           |           |
| 09:00 | 266.7     | 1.3       | 266.0     |           |           |           |           |           |           |
| 09:15 | 271.1     | 2.0       | 263.0     |           |           |           |           |           |           |
| 09:30 | 293.4     | 2.9       | 261.2     |           |           |           |           |           |           |
| 09:45 | 303.4     | 2.3       | 271.0     |           |           |           |           |           |           |
| 10:00 | 297.4     | 1.8       | 284.5     |           |           |           |           |           |           |
| 10:15 | 280.0     | 1.6       | 260.0     |           |           |           |           |           |           |
| 10:30 | 265.9     | 1.3       | 211.0     |           |           |           |           |           |           |
| 10:45 | 231.7     | 1.7       | 212.2     |           |           |           |           |           |           |
| 11:00 | 209.3     | 2.1       | 210.1     |           |           |           |           |           |           |
| 11:15 | 247.2     | 1.3       | 243.8     |           |           |           |           |           |           |
| 11:30 | 263.9     | 2.1       | 280.4     |           |           |           |           |           |           |
| 11:45 | 266.6     | 3.0       | 281.1     |           |           |           |           |           |           |
| 12:00 | 259.7     | 4.1       | 268.6     |           |           |           |           |           |           |
| 12:15 | 249.7     | 2.3       | 255.6     |           |           |           |           |           |           |
| 12:30 | 276.3     | 1.9       | 275.2     |           |           |           |           |           |           |



## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

5/22/2021

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>    |           |           |           |           |