

## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

12/6/2022

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 |           |           |           |           |           |           |           |           |           |
| 00:15 |           |           | .4        | 49.1      | .2        | 33.6      | .1        | 48.4      | .2        |
| 00:30 | .7        | 296.2     | .3        | 48.7      | .1        | 27.6      | .1        | 49.5      | .1        |
| 00:45 |           |           | .2        | 43.1      | .1        | 359.5     | .0        | 32.4      | .2        |
| 01:00 | .4        | 278.0     | .2        | 40.1      | .2        | 342.3     | .1        | 47.0      | .3        |
| 01:15 | .4        | 268.7     | .2        | 37.5      | .1        | 338.3     | .1        | 81.9      | .3        |
| 01:30 | .5        | 268.1     | .2        | 52.2      | .1        | 38.5      | .1        | 132.0     | .5        |
| 01:45 |           |           | .2        | 68.3      | .2        | 61.5      | .2        | 121.4     | .5        |
| 02:00 |           |           | .2        | 54.8      | .2        | 66.1      | .3        | 113.7     | .4        |
| 02:15 | .5        | 322.3     | .2        | 56.1      | .3        | 63.8      | .3        | 103.5     | .5        |
| 02:30 | .4        | 320.7     | .3        | 70.4      | .3        | 76.9      | .4        |           | .4        |
| 02:45 |           |           | .4        | 82.6      | .4        | 98.8      | .5        | 115.7     | .1        |
| 03:00 |           |           | .5        | 89.2      | .4        | 96.7      | .4        | 116.1     | .2        |
| 03:15 | .8        | 297.4     | .6        | 91.3      | .5        | 96.2      | .4        | 100.1     | .1        |
| 03:30 | .8        | 279.3     | .5        | 94.1      | .4        | 104.1     | .3        | 99.1      | .1        |
| 03:45 | .6        | 266.3     | .2        | 96.6      | .4        | 114.3     | .4        | 99.0      | .2        |
| 04:00 | .4        | 280.5     | .1        | 89.0      | .4        | 119.2     | .4        | 102.2     | .3        |
| 04:15 | .3        | 293.3     | .1        | 108.6     | .3        | 117.5     | .2        | 89.1      | .6        |
| 04:30 | .8        | 286.1     | .4        | 97.1      | .4        | 118.8     | .2        | 80.1      | .3        |
| 04:45 | 1.0       | 272.6     | .3        | 89.6      | .3        | 112.0     | .2        | 116.6     | .3        |
| 05:00 | .7        | 273.9     | .2        | 35.4      | .2        | 115.5     | .3        | 82.8      | .5        |
| 05:15 |           |           | .2        | 47.9      | .3        | 127.0     | .3        | 54.2      | .4        |
| 05:30 | .1        | 300.0     | .2        | 67.9      | .2        | 130.9     | .2        | 31.7      | .3        |
| 05:45 |           |           | .2        | 86.4      | .2        | 130.9     | .1        | 41.1      | .1        |
| 06:00 | .4        | 291.3     | .3        | 109.4     | .1        | 125.3     | .1        | 250.2     | .2        |
| 06:15 | .4        | 315.4     | .2        | 100.4     | .3        | 94.2      | .0        | 33.1      | .2        |
| 06:30 | .5        | 310.7     | .3        | 89.4      | .2        | 103.6     | .3        | 53.7      | .1        |
| 06:45 | .5        | 304.1     | .1        | 86.2      | .2        | 151.4     | .1        | 2.2       | .1        |
| 07:00 | .5        | 304.1     | .1        | 262.1     | .1        | 162.1     | .3        | 322.9     | .4        |
| 07:15 | .5        | 297.9     | .1        | 225.3     | .1        | 276.1     | .2        | 319.5     | .3        |
| 07:30 | .3        | 297.6     | .1        | 259.8     | .2        | 214.5     | .1        | 314.8     | .2        |
| 07:45 | .7        | 283.0     | .1        | 243.4     | .2        | 169.1     | .1        | 192.7     | .3        |
| 08:00 | 1.3       | 278.7     | .3        | 266.1     | .1        | 218.4     | .1        | 224.6     | .3        |
| 08:15 | .9        | 280.7     | .3        | 282.4     | .1        | 241.3     | .0        | 240.5     | .4        |
| 08:30 | .6        | 286.2     | .3        | 273.0     | .2        | 146.5     | .2        | 138.3     | .3        |
| 08:45 | .6        | 289.4     | .2        | 284.8     | .3        | 117.4     | .1        | 139.8     | .2        |
| 09:00 | .4        | 294.1     | .0        | 264.1     | .2        | 95.7      | .1        | 18.9      | .2        |
| 09:15 | .3        | 312.6     | .1        | 13.6      | .2        | 106.7     | .1        | 54.1      | .2        |
| 09:30 | .4        | 338.8     | .3        | 343.5     | .1        | 136.2     | .1        | 135.7     | .3        |
| 09:45 | .4        | 6.1       | .4        | 336.9     | .2        | 143.8     | .2        | 137.2     | .2        |
| 10:00 | .3        | 7.8       | .3        | 346.7     | .2        | 144.1     | .2        | 126.4     | .1        |
| 10:15 | .1        | 12.6      | .3        | 355.0     | .1        | 155.6     | .2        | 142.1     | .4        |
| 10:30 | .1        | 102.1     | .4        | 356.8     | .1        | 124.6     | .2        | 133.5     | .3        |
| 10:45 | .2        | 93.1      | .3        | 5.2       | .1        | 79.7      | .1        | 6.4       | .2        |
| 11:00 | .2        | 97.5      | .2        | 350.0     | .2        | 44.1      | .2        | 324.6     | .1        |
| 11:15 | .1        | 160.2     | .0        | 188.4     | .2        | 6.8       | .1        | 184.9     | .1        |
| 11:30 | .1        | 200.4     | .1        | 191.8     | .2        | 325.1     | .1        | 19.1      | .2        |
| 11:45 | .2        | 204.5     | .1        | 266.1     | .2        | 281.1     | .3        | 342.8     | .7        |
| 12:00 | .3        | 216.4     | .1        | 232.5     | .2        | 293.6     | .2        | 302.6     | 1.4       |
| 12:15 | .5        | 218.2     | .2        | 260.9     | .2        | 277.0     | .8        | 267.1     | 2.3       |
| 12:30 | .6        | 192.0     | .2        | 279.8     | .4        | 276.3     | 1.0       | 263.6     | 2.3       |



## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

12/6/2022

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 | 230.2     | 1.3       | 227.2     | 4.6       | 201.8     | .8        | 269.7     | .9        | 349.9     |
| 00:30 | 197.7     | 1.4       | 225.4     | 5.4       | 192.3     |           |           | .9        | 349.6     |
| 00:45 | 174.6     | 1.5       | 233.0     | 3.9       | 194.5     |           |           | .7        | 292.6     |
| 01:00 | 208.0     | 1.2       | 228.7     | 1.1       | 225.1     | 1.9       | 217.6     |           |           |
| 01:15 | 211.1     | 1.1       | 229.8     | .8        | 241.2     | 1.8       | 222.4     | .6        | 305.2     |
| 01:30 | 224.7     | 1.4       | 228.3     | 1.0       | 218.4     | 1.7       | 216.0     | .5        | 317.1     |
| 01:45 | 221.1     | 2.3       | 222.0     | 4.6       | 197.0     | 1.5       | 224.6     |           |           |
| 02:00 | 220.8     | 2.1       | 223.4     | 4.4       | 200.5     | 1.3       | 238.2     | .5        | 333.0     |
| 02:15 | 219.2     | 1.6       | 219.5     | 2.2       | 210.9     | .8        | 260.4     | .4        | 64.1      |
| 02:30 | 200.9     | 1.4       | 215.1     | 1.9       | 234.5     | .4        | 285.1     | .5        | 87.2      |
| 02:45 | 178.5     | .5        | 234.9     | 1.7       | 255.8     | .8        | 297.4     | .2        | 2.8       |
| 03:00 | 213.5     | .4        | 233.1     | 1.5       | 238.2     | 1.2       | 299.9     |           |           |
| 03:15 | 206.8     | .6        | 207.6     | 1.4       | 234.2     |           |           | .4        | 284.2     |
| 03:30 | 286.2     | .4        | 203.6     | 1.2       | 252.5     | 1.2       | 235.5     | .6        | 331.0     |
| 03:45 | 307.9     | .3        | 229.0     | 1.0       | 244.7     | 1.5       | 210.4     |           |           |
| 04:00 | 278.8     | .6        | 267.1     | 1.7       | 230.3     | 1.9       | 210.9     |           |           |
| 04:15 | 271.6     | .5        | 303.7     | 2.8       | 221.7     | 1.4       | 219.1     | 1.3       | 286.3     |
| 04:30 | 117.3     | .5        | 306.6     | 1.9       | 213.6     |           |           |           |           |
| 04:45 | 61.1      | 1.2       | 255.8     | 3.7       | 211.4     |           |           |           |           |
| 05:00 | 316.8     | 1.0       | 237.2     | 4.6       | 218.1     |           |           |           |           |
| 05:15 | 280.5     | .7        | 228.3     | 3.2       | 226.0     |           |           |           |           |
| 05:30 | 244.4     | .7        | 236.7     | 1.9       | 227.0     |           |           |           |           |
| 05:45 | 269.0     | .4        | 219.6     | 2.5       | 236.0     |           |           |           |           |
| 06:00 | 313.9     | .6        | 252.6     |           |           |           |           |           |           |
| 06:15 | 331.2     | .5        | 249.5     |           |           |           |           |           |           |
| 06:30 | 255.6     | .6        | 208.3     |           |           |           |           |           |           |
| 06:45 | 223.3     | 1.1       | 226.2     |           |           |           |           |           |           |
| 07:00 | 291.5     | .9        | 245.5     |           |           |           |           |           |           |
| 07:15 | 292.3     | .6        | 288.9     |           |           |           |           |           |           |
| 07:30 | 73.7      | .6        | 308.7     |           |           |           |           |           |           |
| 07:45 | 116.8     |           |           |           |           |           |           |           |           |
| 08:00 | 131.4     | .8        | 314.2     |           |           |           |           |           |           |
| 08:15 | 92.8      | .8        | 298.1     |           |           |           |           |           |           |
| 08:30 | 81.7      | .7        | 258.3     |           |           |           |           |           |           |
| 08:45 | 67.9      | .4        | 256.8     |           |           |           |           |           |           |
| 09:00 | 53.5      | .3        | 227.2     | 4.4       | 222.9     |           |           |           |           |
| 09:15 | 73.9      | .5        | 217.5     | 4.7       | 225.5     |           |           |           |           |
| 09:30 | 101.0     | .3        | 194.5     |           |           |           |           |           |           |
| 09:45 | 76.0      | .3        | 275.6     |           |           |           |           |           |           |
| 10:00 | 270.7     | 1.0       | 254.1     |           |           |           |           |           |           |
| 10:15 | 257.1     | 1.2       | 216.9     |           |           |           |           |           |           |
| 10:30 | 290.6     | .7        | 203.3     |           |           |           |           |           |           |
| 10:45 | 321.7     | .7        | 242.1     |           |           |           |           |           |           |
| 11:00 | 354.0     | 1.2       | 249.3     |           |           |           |           |           |           |
| 11:15 | 284.6     | 1.3       | 253.0     |           |           |           |           |           |           |
| 11:30 | 264.9     | 1.9       | 257.6     | 4.4       | 248.2     |           |           |           |           |
| 11:45 | 258.6     | 3.0       | 249.2     | 7.8       | 225.4     |           |           |           |           |
| 12:00 | 248.6     | 3.5       | 238.4     | 9.6       | 220.7     |           |           |           |           |
| 12:15 | 240.5     | 4.1       | 229.6     | 9.8       | 219.7     |           |           |           |           |
| 12:30 | 236.4     | 3.0       | 225.9     |           |           |           |           |           |           |



## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

12/6/2022

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 | 2.3       | 265.2     |           |           |
| 01:15 | 1.2       | 251.1     |           |           |
| 01:30 | .3        | 240.4     |           |           |
| 01:45 | .6        | 290.9     |           |           |
| 02:00 | 1.1       | 283.7     |           |           |
| 02:15 | .7        | 272.7     |           |           |
| 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    | 1.4       | 119.6     |           |           |
| 23:30    |           |           |           |           |
| 23:45    |           |           |           |           |
| Average  | 1.1       | 246.2     |           |           |
| Max      | 2.3       | 290.9     |           |           |
| Max Hour | 01:00     | 01:45     |           |           |
| Min      | .3        | 119.6     |           |           |
| Count    | 7         | 7         | 0         | 0         |
| Total    |           |           |           |           |