

## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

4/5/2021

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        | 270.0     | 1.2       | 270.0     | 1.2       | 293.0     | 1.3       | 302.0     | .5        |
| 00:15 | .5        | 256.4     | 1.2       | 270.1     | 1.2       | 289.9     | 1.4       | 298.8     | .8        |
| 00:30 | 1.2       | 262.6     | .9        | 268.0     | 1.4       | 283.2     | 1.8       | 299.1     | 1.4       |
| 00:45 | .7        | 269.0     | 1.1       | 288.9     | 1.9       | 292.0     | 1.8       | 306.6     | 1.1       |
| 01:00 | .5        | 301.0     | 2.1       | 299.5     | 2.3       | 299.8     | 1.5       | 317.1     | .6        |
| 01:15 | .3        | 282.2     | 2.2       | 295.9     | 2.5       | 299.4     | 1.4       | 314.4     | .7        |
| 01:30 | .3        | 184.7     | 1.0       | 270.9     | 2.0       | 293.8     | 1.5       | 309.5     | .8        |
| 01:45 | .3        | 125.1     | .7        | 236.6     | 1.1       | 282.2     | 1.0       | 310.3     | 1.0       |
| 02:00 | .3        | 131.6     | .9        | 243.2     | 1.0       | 277.0     | .9        | 305.3     | .6        |
| 02:15 | .2        | 145.8     | 1.2       | 242.9     | .9        | 272.4     | 1.1       | 295.8     | .4        |
| 02:30 | 1.2       | 266.2     | 1.6       | 244.0     | 1.1       | 268.6     | 1.1       | 284.4     | .5        |
| 02:45 | 1.3       | 267.3     | 1.9       | 251.2     | 1.4       | 272.7     | 1.4       | 285.3     | .6        |
| 03:00 | 1.1       | 269.0     | 1.8       | 268.3     | 1.5       | 275.1     | 1.6       | 288.2     | .7        |
| 03:15 | 1.6       | 269.3     | 1.5       | 277.3     | 1.4       | 273.6     | 1.3       | 287.5     | .6        |
| 03:30 | .8        | 263.1     | 1.2       | 277.9     | 1.2       | 273.8     | .9        | 281.3     | .4        |
| 03:45 | .5        | 102.0     | 1.2       | 281.9     | 1.1       | 271.4     | .7        | 278.6     | .3        |
| 04:00 | 1.1       | 89.9      | 1.3       | 277.8     | 1.2       | 267.4     | .5        | 284.6     | .5        |
| 04:15 | .2        | 96.8      | 1.4       | 268.7     | 1.2       | 266.3     | .5        | 289.3     | .6        |
| 04:30 | .3        | 235.2     | 1.8       | 259.8     | 1.6       | 266.2     | .8        | 278.2     | .6        |
| 04:45 | .2        | 222.0     | 1.9       | 253.4     | 2.1       | 268.4     | 1.4       | 273.6     | .7        |
| 05:00 | .1        | 218.4     | 1.8       | 257.7     | 2.7       | 270.2     | 2.3       | 273.3     | .5        |
| 05:15 | .3        | 106.3     | 2.0       | 261.7     | 3.8       | 271.6     | 3.2       | 275.8     | .7        |
| 05:30 | .5        | 244.4     | 1.9       | 266.1     | 4.0       | 272.4     | 3.6       | 278.4     | 1.5       |
| 05:45 | .7        | 265.3     | 1.5       | 272.2     | 3.7       | 271.3     | 3.1       | 279.3     | 2.8       |
| 06:00 | .8        | 268.2     | .7        | 278.8     | 3.3       | 271.3     | 3.4       | 278.7     | 2.6       |
| 06:15 | .9        | 272.3     | .1        | 179.9     | 2.5       | 274.4     | 3.1       | 283.3     | 2.0       |
| 06:30 | .8        | 285.0     | .5        | 139.4     | 1.6       | 282.1     | 2.0       | 300.2     | 1.3       |
| 06:45 | .6        | 298.7     | .6        | 147.0     | 1.2       | 279.6     | 1.7       | 293.5     | 1.0       |
| 07:00 | .5        | 310.4     | .4        | 121.1     | .8        | 280.2     | 1.5       | 281.2     | .9        |
| 07:15 | .4        | 61.7      | .3        | 107.0     | .3        | 294.5     | 1.2       | 281.4     | .8        |
| 07:30 | .8        | 80.3      | .2        | 204.5     | .3        | 179.3     | .8        | 279.2     | .4        |
| 07:45 | .7        | 73.4      | .5        | 183.0     | .8        | 167.5     | .6        | 238.7     | .7        |
| 08:00 | .4        | 70.4      | .5        | 178.5     | 1.1       | 176.1     | .7        | 195.4     | 1.0       |
| 08:15 | .3        | 79.8      | .3        | 206.5     | 1.1       | 182.5     | .7        | 187.5     | 1.1       |
| 08:30 | .5        | 80.5      | .4        | 175.2     | 1.4       | 184.6     | 1.0       | 187.4     | .9        |
| 08:45 | .2        | 62.6      | .6        | 172.7     | 1.7       | 186.9     | 1.5       | 196.0     | .9        |
| 09:00 | .4        | 275.1     | .7        | 187.0     | 1.4       | 192.3     | 1.5       | 204.0     | 1.0       |
| 09:15 | .2        | 18.3      | .5        | 194.0     | 1.2       | 201.2     | 1.5       | 206.6     | .9        |
| 09:30 | .2        | 11.7      | .5        | 198.9     | 1.1       | 200.0     | 1.4       | 205.9     | .7        |
| 09:45 | .3        | 272.9     | .6        | 189.3     | 1.1       | 195.8     | 1.1       | 199.6     | .6        |
| 10:00 | .4        | 277.4     | .6        | 184.1     | 1.1       | 201.0     | 1.1       | 205.4     | .5        |
| 10:15 | .4        | 258.7     | .4        | 188.8     | .8        | 214.8     | .8        | 219.9     | .4        |
| 10:30 | .5        | 249.4     | .4        | 183.1     | .6        | 236.1     | .7        | 237.2     | .8        |
| 10:45 | .3        | 174.9     | .5        | 168.4     | .6        | 234.0     | .9        | 254.4     | 1.2       |
| 11:00 | .7        | 125.0     | .4        | 192.5     | .6        | 235.9     | .9        | 282.8     | 1.1       |
| 11:15 | .6        | 118.6     | .6        | 208.4     | .6        | 270.6     | .8        | 265.0     | 1.0       |
| 11:30 | .6        | 152.7     | 1.5       | 186.1     | 2.4       | 190.7     | 2.5       | 225.0     | .8        |
| 11:45 | .3        | 185.9     | .8        | 223.9     | 1.1       | 198.7     | .7        | 195.4     | .6        |
| 12:00 | .4        | 198.6     | 1.0       | 206.9     | 1.0       | 172.7     | .9        | 148.7     | .6        |
| 12:15 | .5        | 188.3     | 1.3       | 194.4     | 1.3       | 171.7     | 1.1       | 155.9     | .3        |
| 12:30 | .5        | 103.7     | 1.3       | 125.0     | 1.0       | 123.3     | 1.2       | 139.7     | 1.5       |



## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

4/5/2021

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 | 297.0     | .2        | 292.0     | .4        | 275.0     | 1.0       | 290.0     |           |           |
| 00:15 | 307.2     | .1        | 292.7     | .3        | 191.0     | .1        | 267.3     |           |           |
| 00:30 | 315.1     | .1        | 292.4     | .1        | 166.2     | .2        | 318.0     |           |           |
| 00:45 | 313.6     | .3        | 308.5     | .4        | 306.3     | .5        | 274.7     | .6        | 183.1     |
| 01:00 | 306.1     | .4        | 311.1     | .7        | 313.3     | .5        | 290.0     | .7        | 225.0     |
| 01:15 | 316.7     | .3        | 325.8     | .5        | 324.2     | .4        | 302.3     | .8        | 250.0     |
| 01:30 | 322.7     | .4        | 323.5     | .8        | 333.2     | .8        | 278.9     | .7        | 297.2     |
| 01:45 | 327.3     | .2        | 355.5     | .7        | 348.8     | .8        | 299.9     | 1.2       | 312.5     |
| 02:00 | 342.5     | .2        | 28.0      | .4        | 30.5      | .5        | 314.5     | 1.3       | 322.3     |
| 02:15 | 344.5     | .2        | 344.3     | .2        | 355.8     | .6        | 292.0     | 1.1       | 3156.0    |
| 02:30 | 309.7     | .2        | 334.3     | .3        | 291.7     | 1.0       | 266.6     | .9        | 310.3     |
| 02:45 | 299.1     | .1        | 267.4     | .6        | 337.9     | .9        | 260.4     | .7        | 304.6     |
| 03:00 | 315.8     | .3        | 274.7     | .5        | 345.3     | .6        | 285.7     |           |           |
| 03:15 | 336.0     | .3        | 301.8     | .4        | 287.9     | .4        | 355.8     |           |           |
| 03:30 | 330.3     | .3        | 326.0     | .4        | 306.2     | .6        | 335.0     |           |           |
| 03:45 | 311.5     | .4        | 332.0     | .2        | 309.4     | .5        | 315.6     | .4        | 312.5     |
| 04:00 | 301.9     | .3        | 316.0     | .4        | 338.8     | .7        | 351.9     | .7        | 76.2      |
| 04:15 | 296.4     | .3        | 294.3     | .5        | 350.1     | .8        | 309.4     | 1.0       | 21.0      |
| 04:30 | 291.3     | .2        | 287.6     | .3        | 333.4     | .8        | 328.0     | 1.2       | 318.7     |
| 04:45 | 293.0     | .2        | 295.2     | .2        | 328.9     | .7        | 40.8      |           |           |
| 05:00 | 305.7     | .4        | 311.9     | .1        | 357.7     |           |           |           |           |
| 05:15 | 296.1     | 1.1       | 287.9     | .3        | 27.4      |           |           |           |           |
| 05:30 | 279.1     | 2.1       | 279.9     | .9        | 328.5     |           |           |           |           |
| 05:45 | 283.1     | 2.5       | 282.0     |           |           |           |           |           |           |
| 06:00 | 293.5     | 1.8       | 285.3     |           |           |           |           |           |           |
| 06:15 | 300.1     | 1.6       | 279.2     |           |           |           |           |           |           |
| 06:30 | 316.0     | .8        | 334.3     |           |           |           |           |           |           |
| 06:45 | 309.5     | .5        | 320.1     |           |           |           |           |           |           |
| 07:00 | 295.3     | .4        | 308.1     | 1.7       | 318.5     |           |           |           |           |
| 07:15 | 300.0     | .5        | 353.5     |           |           |           |           |           |           |
| 07:30 | 278.4     | .9        | 73.4      |           |           |           |           |           |           |
| 07:45 | 277.0     | .5        | 64.7      |           |           |           |           |           |           |
| 08:00 | 265.9     | .2        | 303.0     |           |           |           |           |           |           |
| 08:15 | 258.7     | .8        | 256.6     | .9        | 9.3       |           |           |           |           |
| 08:30 | 245.7     | .9        | 244.3     | .9        | 266.2     |           |           |           |           |
| 08:45 | 239.1     | 1.0       | 231.1     | 1.3       | 275.0     |           |           |           |           |
| 09:00 | 245.9     | 1.2       | 234.7     | 1.4       | 289.5     |           |           |           |           |
| 09:15 | 245.0     | .9        | 239.7     | 1.2       | 280.0     |           |           |           |           |
| 09:30 | 243.8     | .7        | 246.6     | 1.0       | 265.0     |           |           |           |           |
| 09:45 | 242.6     | .6        | 235.3     | .8        | 250.2     |           |           |           |           |
| 10:00 | 231.9     | .5        | 220.9     | .6        | 318.0     |           |           |           |           |
| 10:15 | 253.1     | .3        | 236.6     | 1.0       | 328.6     |           |           |           |           |
| 10:30 | 235.3     | .6        | 230.0     | .8        | 356.0     |           |           |           |           |
| 10:45 | 229.4     | 1.3       | 229.3     | .2        | 12.6      |           |           |           |           |
| 11:00 | 258.2     | 1.8       | 225.5     |           |           |           |           |           |           |
| 11:15 | 270.0     |           |           |           |           |           |           |           |           |
| 11:30 | 250.0     |           |           |           |           |           |           |           |           |
| 11:45 | 348.5     |           |           |           |           |           |           |           |           |
| 12:00 | 127.1     | .8        | 30.0      |           |           |           |           |           |           |
| 12:15 | 133.6     | 3.2       | 7.7       |           |           |           |           |           |           |
| 12:30 | 140.0     | 2.3       | 125.0     |           |           |           |           |           |           |



### Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

4/5/2021

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>    |           |           |           |           |