

## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

11/17/2020

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     | DEG       | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     |
| 00:00 | .9        | 253.0     | 2.0       | 231.0     | 2.6       | 233.0     | 1.7       | 231.0     | .3        |
| 00:15 | 1.2       | 265.2     | 1.7       | 233.5     | 2.9       | 237.4     | 2.0       | 237.9     | .3        |
| 00:30 | .3        | 219.2     | 2.2       | 221.2     | 3.8       | 229.3     | 2.6       | 231.9     | .5        |
| 00:45 | .7        | 209.0     | 3.1       | 213.1     | 4.0       | 223.1     | 3.2       | 227.1     | .8        |
| 01:00 | 1.3       | 212.2     | 3.3       | 207.3     | 4.1       | 215.8     | 4.8       | 218.2     | 2.4       |
| 01:15 | 1.6       | 216.9     | 2.8       | 205.3     | 3.8       | 213.7     | 5.1       | 215.3     | 4.8       |
| 01:30 | 2.4       | 240.5     | 2.2       | 201.4     | 3.3       | 213.7     | 4.8       | 215.3     | 5.4       |
| 01:45 | 1.9       | 234.6     | 2.2       | 198.4     | 3.3       | 212.4     | 4.8       | 212.2     | 6.1       |
| 02:00 | 2.3       | 237.9     | 2.6       | 198.1     | 3.4       | 210.1     | 5.0       | 210.3     | 7.2       |
| 02:15 | 2.4       | 235.0     | 2.9       | 196.0     | 3.2       | 208.0     | 4.7       | 209.9     | 6.9       |
| 02:30 | 1.5       | 216.7     | 2.9       | 193.0     | 3.1       | 205.1     | 4.2       | 208.6     | 5.9       |
| 02:45 | 1.5       | 219.1     | 2.7       | 191.6     | 3.2       | 204.7     | 4.3       | 208.4     | 6.2       |
| 03:00 | 1.6       | 215.3     | 2.4       | 193.5     | 3.1       | 208.1     | 4.4       | 209.5     | 6.5       |
| 03:15 | 1.5       | 223.8     | 2.1       | 196.8     | 3.1       | 213.1     | 4.3       | 212.5     | 6.3       |
| 03:30 | .9        | 224.4     | 2.0       | 199.9     | 2.9       | 217.3     | 4.1       | 216.2     | 5.7       |
| 03:45 | .3        | 121.1     | 1.3       | 200.1     | 2.1       | 218.3     | 3.3       | 216.6     | 4.7       |
| 04:00 | .5        | 86.1      | 1.0       | 182.7     | 1.8       | 214.4     | 2.9       | 217.3     | 4.5       |
| 04:15 | .3        | 119.6     | 1.0       | 200.8     | 2.0       | 211.3     | 2.9       | 222.0     | 4.9       |
| 04:30 | 2.2       | 259.9     | 1.7       | 216.0     | 2.5       | 219.0     | 3.5       | 230.1     | 5.1       |
| 04:45 | 3.6       | 259.9     | 2.6       | 203.1     | 3.0       | 217.2     | 4.0       | 230.6     | 4.7       |
| 05:00 | 1.9       | 249.4     | 3.0       | 197.6     | 3.2       | 213.6     | 3.5       | 228.9     | 4.0       |
| 05:15 | 1.7       | 247.7     | 3.1       | 198.7     | 3.2       | 218.3     | 3.3       | 235.8     | 4.1       |
| 05:30 | 2.4       | 251.8     | 3.3       | 206.9     | 3.4       | 222.8     | 3.4       | 244.2     | 4.6       |
| 05:45 | 3.0       | 253.0     | 3.5       | 214.0     | 3.5       | 228.9     | 3.7       | 251.8     | 5.1       |
| 06:00 | 3.2       | 254.0     | 3.7       | 220.0     | 3.7       | 242.2     | 4.6       | 259.8     | 5.6       |
| 06:15 | 3.4       | 255.0     | 3.7       | 230.3     | 4.3       | 255.3     | 5.3       | 267.0     | 6.2       |
| 06:30 | 3.6       | 256.0     | 3.7       | 241.2     | 4.7       | 260.9     | 5.5       | 271.9     | 7.3       |
| 06:45 | 3.9       | 256.0     | 3.5       | 248.1     | 4.7       | 263.6     | 5.7       | 272.8     | 7.7       |
| 07:00 | 4.2       | 256.6     | 3.3       | 245.2     | 4.5       | 260.1     | 5.5       | 271.5     | 6.9       |
| 07:15 | 3.3       | 251.8     | 3.3       | 246.6     | 4.2       | 259.5     | 5.5       | 271.3     | 6.6       |
| 07:30 | 4.0       | 255.3     | 3.5       | 255.6     | 4.6       | 264.3     | 5.9       | 272.6     | 7.0       |
| 07:45 | 4.6       | 256.0     | 4.2       | 262.3     | 5.1       | 269.5     | 6.0       | 277.1     | 6.4       |
| 08:00 | 4.2       | 258.4     | 4.4       | 265.7     | 5.1       | 274.2     | 5.8       | 280.7     | 5.9       |
| 08:15 | 2.2       | 257.6     | 4.1       | 265.4     | 4.5       | 277.3     | 5.4       | 280.3     | 5.5       |
| 08:30 | 1.5       | 262.8     | 3.4       | 264.3     | 4.4       | 275.9     | 5.7       | 277.1     | 4.2       |
| 08:45 | 1.8       | 267.9     | 2.6       | 266.9     | 5.4       | 273.1     | 6.4       | 275.2     | 6.9       |
| 09:00 | 1.4       | 264.3     | 2.3       | 268.3     | 5.3       | 271.4     | 6.5       | 273.4     | 8.0       |
| 09:15 | .7        | 263.9     | 1.8       | 266.6     | 3.3       | 269.4     | 4.9       | 270.9     | 6.8       |
| 09:30 | 1.7       | 270.3     | 2.2       | 270.8     | 3.1       | 272.3     | 3.8       | 271.0     | 5.2       |
| 09:45 | 3.8       | 271.3     | 3.3       | 269.9     | 4.0       | 272.1     | 4.4       | 272.0     | 5.6       |
| 10:00 | 4.4       | 273.3     | 3.3       | 269.6     | 4.1       | 272.8     | 4.3       | 274.3     | 5.0       |
| 10:15 | 4.4       | 273.2     | 2.8       | 269.7     | 4.0       | 276.1     | 4.3       | 281.5     | 4.2       |
| 10:30 | 4.7       | 277.4     | 4.3       | 285.6     | 4.6       | 288.2     | 4.6       | 292.7     | 4.2       |
| 10:45 | 5.8       | 279.4     | 6.1       | 291.1     | 5.5       | 291.2     | 5.0       | 296.4     | 4.3       |
| 11:00 | 4.9       | 277.9     | 4.5       | 290.6     | 4.9       | 292.1     | 5.0       | 297.0     | 5.3       |
| 11:15 | 3.7       | 287.5     | 4.1       | 295.0     | 4.9       | 301.4     | 5.0       | 304.8     | 6.0       |
| 11:30 | 3.7       | 283.6     | 4.3       | 286.4     | 4.9       | 297.3     | 5.4       | 302.5     | 5.8       |
| 11:45 | 2.6       | 293.5     | 3.6       | 286.3     | 4.4       | 295.1     | 5.4       | 299.7     | 5.9       |
| 12:00 | 2.7       | 301.9     | 3.5       | 312.6     | 4.4       | 309.7     | 5.1       | 310.5     | 5.4       |
| 12:15 | 3.3       | 294.1     | 4.1       | 314.8     | 4.8       | 314.5     | 5.1       | 317.2     | 5.0       |
| 12:30 | 3.2       | 289.1     | 3.9       | 304.8     | 4.0       | 305.7     | 3.9       | 303.4     | 3.9       |



## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

11/17/2020

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 | 210.0     | .7        | 225.0     | .3        | 155.0     | .2        | 155.0     | 2.0       | 73.0      |
| 00:15 | 182.0     | 1.1       | 249.0     | .2        | 134.4     | .2        | 24.3      | 1.9       | 78.0      |
| 00:30 | 222.8     | .6        | 241.3     | .2        | 125.3     | .4        | 18.7      | 1.9       | 83.4      |
| 00:45 | 222.9     | .8        | 220.7     | .8        | 195.2     | .5        | 21.4      | 1.6       | 75.0      |
| 01:00 | 214.4     | 1.3       | 228.8     | 1.5       | 228.8     | .8        | 115.9     | 1.3       | 67.3      |
| 01:15 | 218.5     | 1.3       | 217.8     | .6        | 210.0     | .9        | 137.3     | 1.5       | 68.5      |
| 01:30 | 220.6     | 2.0       | 225.4     | .4        | 225.2     | .9        | 155.0     | 1.2       | 63.0      |
| 01:45 | 216.5     | 3.8       | 231.0     | 1.1       | 201.9     | .9        | 172.7     | .9        | 57.0      |
| 02:00 | 213.2     | 5.1       | 225.9     | 2.9       | 208.0     | .9        | 145.5     | .6        | 50.2      |
| 02:15 | 212.8     | 5.8       | 223.2     | 4.0       | 221.7     | .9        | 158.5     | .2        | 348.7     |
| 02:30 | 211.2     | 5.3       | 216.4     | 3.8       | 215.1     | .6        | 152.3     |           |           |
| 02:45 | 211.5     | 4.5       | 222.5     | 3.7       | 194.6     | .4        | 174.6     |           |           |
| 03:00 | 213.8     | 5.1       | 230.7     | 7.4       | 239.8     | 8.0       | 230.0     |           |           |
| 03:15 | 216.4     | 6.2       | 235.8     | 9.8       | 244.7     | 12.6      | 259.5     | 14.3      | 269.2     |
| 03:30 | 220.4     | 6.4       | 239.3     | 10.5      | 246.4     | 13.7      | 262.3     |           |           |
| 03:45 | 226.3     | 6.4       | 245.4     | 11.0      | 252.8     | 14.4      | 268.5     |           |           |
| 04:00 | 232.6     | 6.8       | 251.6     | 10.9      | 263.5     | 14.9      | 273.6     |           |           |
| 04:15 | 241.2     | 6.8       | 259.2     | 10.8      | 274.6     | 15.0      | 275.5     |           |           |
| 04:30 | 250.5     | 6.8       | 267.2     | 10.8      | 279.7     | 14.0      | 280.0     |           |           |
| 04:45 | 256.1     | 7.0       | 271.2     | 10.7      | 280.3     | 12.0      | 287.0     |           |           |
| 05:00 | 260.7     | 6.7       | 275.2     | 10.5      | 282.4     | 10.0      | 293.9     |           |           |
| 05:15 | 265.4     | 6.7       | 279.1     | 9.6       | 286.0     |           |           |           |           |
| 05:30 | 267.5     | 7.1       | 278.2     | 10.1      | 278.1     |           |           |           |           |
| 05:45 | 269.9     | 7.9       | 276.8     | 10.3      | 279.0     |           |           |           |           |
| 06:00 | 272.7     | 8.7       | 276.4     | 11.0      | 280.0     |           |           |           |           |
| 06:15 | 277.8     | 8.9       | 277.1     | 11.1      | 281.0     |           |           |           |           |
| 06:30 | 280.4     | 8.6       | 278.0     | 10.9      | 282.0     |           |           |           |           |
| 06:45 | 278.8     | 8.1       | 274.1     | 10.8      | 283.0     |           |           |           |           |
| 07:00 | 277.6     | 7.3       | 275.0     | 10.5      | 284.0     |           |           |           |           |
| 07:15 | 279.7     | 6.4       | 275.7     | 10.0      | 285.0     |           |           |           |           |
| 07:30 | 280.0     | 6.5       | 277.7     | 10.0      | 287.0     |           |           |           |           |
| 07:45 | 281.4     | 5.2       | 281.8     | 9.6       | 288.0     |           |           |           |           |
| 08:00 | 283.5     | 5.7       | 282.0     | 9.8       | 289.0     |           |           |           |           |
| 08:15 | 282.4     | 7.5       | 277.9     | 10.1      | 290.0     |           |           |           |           |
| 08:30 | 278.5     | 7.5       | 280.9     | 10.2      | 291.0     |           |           |           |           |
| 08:45 | 272.7     | 7.5       | 277.3     | 10.1      | 293.0     |           |           |           |           |
| 09:00 | 271.9     | 7.6       | 276.8     | 10.1      | 294.0     |           |           |           |           |
| 09:15 | 272.7     | 6.9       | 280.0     | 10.0      | 295.5     |           |           |           |           |
| 09:30 | 272.7     | 6.1       | 280.2     | 7.8       | 293.8     |           |           |           |           |
| 09:45 | 273.5     | 6.9       | 280.1     | 7.6       | 289.5     | 8.3       | 300.4     | 7.6       | 305.6     |
| 10:00 | 275.6     | 5.9       | 277.6     | 7.4       | 289.2     | 7.4       | 295.0     | 6.7       | 309.8     |
| 10:15 | 277.5     | 4.5       | 279.2     | 5.5       | 283.1     | 6.3       | 288.5     | 5.5       | 313.9     |
| 10:30 | 290.8     | 4.7       | 295.7     | 5.5       | 302.0     | 5.8       | 305.0     | 6.0       | 309.3     |
| 10:45 | 302.5     | 4.9       | 300.7     | 6.0       | 308.6     |           |           |           |           |
| 11:00 | 293.7     | 6.2       | 293.1     | 7.0       | 306.6     |           |           |           |           |
| 11:15 | 297.7     | 6.3       | 298.4     | 7.0       | 304.0     |           |           |           |           |
| 11:30 | 300.2     | 5.5       | 302.6     | 6.6       | 302.0     |           |           |           |           |
| 11:45 | 302.7     | 5.8       | 312.2     | 6.4       | 306.2     |           |           |           |           |
| 12:00 | 310.0     | 5.4       | 321.0     | 6.2       | 313.0     |           |           |           |           |
| 12:15 | 313.1     | 4.7       | 315.9     | 5.9       | 320.3     |           |           |           |           |
| 12:30 | 302.1     | 4.0       | 308.6     | 4.4       | 307.4     |           |           |           |           |



### Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

11/17/2020

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>    |           |           |           |           |