

## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

5/29/2020

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     | DEGC      | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     |
| 00:00 | .5        | 268.0     | 1.2       | 246.0     | 2.7       | 240.0     | 4.2       | 230.0     | 6.2       |
| 00:15 | .8        | 257.6     | 1.1       | 258.4     | 2.5       | 247.1     | 3.9       | 235.4     | 6.0       |
| 00:30 | 2.0       | 267.3     | 1.2       | 255.4     | 2.4       | 246.2     | 4.0       | 231.3     | 5.4       |
| 00:45 | .5        | 241.1     | .4        | 237.6     | 1.6       | 244.0     | 3.5       | 229.6     | 5.3       |
| 01:00 | .7        | 153.1     | .6        | 114.4     | .8        | 235.6     | 2.3       | 230.4     | 4.8       |
| 01:15 | .7        | 146.6     | .6        | 124.3     | .6        | 201.1     | 2.0       | 225.2     | 4.3       |
| 01:30 | .5        | 160.0     | .1        | 133.7     | .8        | 224.0     | 2.5       | 230.3     | 4.0       |
| 01:45 | .5        | 174.4     | .4        | 280.0     | 1.5       | 240.0     | 2.7       | 236.1     | 3.8       |
| 02:00 | .5        | 166.3     | .6        | 263.8     | 1.7       | 243.7     | 2.5       | 241.0     | 3.9       |
| 02:15 | .4        | 155.1     | .1        | 207.0     | 1.4       | 237.5     | 2.2       | 240.6     | 3.8       |
| 02:30 | .4        | 157.7     | .6        | 140.6     | 1.1       | 218.6     | 2.2       | 231.9     | 4.1       |
| 02:45 | .7        | 174.0     | 1.3       | 171.8     | 1.8       | 204.8     | 2.9       | 218.7     | 5.0       |
| 03:00 | 1.6       | 179.8     | 1.8       | 177.1     | 2.7       | 204.0     | 3.8       | 210.0     | 5.1       |
| 03:15 | 1.0       | 186.0     | 1.8       | 178.2     | 2.6       | 206.7     | 3.5       | 206.8     | 3.6       |
| 03:30 | .6        | 184.9     | 1.3       | 172.5     | 1.9       | 206.6     | 2.3       | 201.9     | 1.6       |
| 03:45 | .8        | 183.5     | 1.4       | 174.5     | 1.8       | 204.2     | 2.3       | 200.1     | 1.3       |
| 04:00 | .8        | 188.4     | 1.2       | 179.8     | 1.9       | 200.5     | 2.5       | 204.8     | 1.5       |
| 04:15 | 1.5       | 185.9     | .9        | 189.0     | 2.0       | 204.2     | 2.7       | 211.4     | 2.0       |
| 04:30 | 1.3       | 189.2     | 1.2       | 207.1     | 2.2       | 218.2     | 2.9       | 221.6     | 2.7       |
| 04:45 | .7        | 202.2     | 1.3       | 214.0     | 2.2       | 227.4     | 2.4       | 226.9     | 3.8       |
| 05:00 | .6        | 197.3     | 1.5       | 208.8     | 2.2       | 227.4     | 2.1       | 227.0     | 4.0       |
| 05:15 | 1.0       | 191.5     | 1.7       | 205.9     | 2.3       | 217.6     | 3.0       | 218.9     | 4.4       |
| 05:30 | .9        | 201.2     | 1.1       | 209.1     | 2.2       | 218.9     | 3.2       | 219.9     | 4.9       |
| 05:45 | .5        | 251.6     | .6        | 245.0     | 1.8       | 241.7     | 2.6       | 235.2     | 4.0       |
| 06:00 | .4        | 288.5     | .7        | 270.8     | 1.6       | 260.0     | 2.0       | 255.4     | 3.3       |
| 06:15 | .4        | 291.4     | .3        | 276.0     | 1.0       | 255.0     | 1.8       | 243.4     | 3.7       |
| 06:30 | .5        | 279.8     | .1        | 94.7      | .6        | 243.5     | 1.8       | 231.3     | 3.3       |
| 06:45 | .5        | 289.9     | .2        | 274.5     | 1.2       | 250.9     | 2.4       | 233.4     | 3.4       |
| 07:00 | .6        | 295.1     | .2        | 241.1     | 1.3       | 245.4     | 2.7       | 228.2     | 4.2       |
| 07:15 | .4        | 309.3     | .2        | 226.2     | 1.5       | 240.9     | 3.0       | 226.9     | 4.1       |
| 07:30 | .3        | 333.5     | .2        | 243.1     | 1.8       | 244.4     | 3.2       | 229.3     | 3.9       |
| 07:45 | .3        | 326.6     | .1        | 247.4     | 1.5       | 247.6     | 2.9       | 231.4     | 3.4       |
| 08:00 | .4        | 321.7     | .2        | 334.0     | 1.3       | 254.4     | 2.7       | 236.6     | 2.8       |
| 08:15 | .4        | 307.0     | .2        | 273.3     | 1.5       | 259.6     | 2.7       | 242.6     | 2.3       |
| 08:30 | .5        | 287.2     | .6        | 266.9     | 1.6       | 264.6     | 2.2       | 249.8     | 1.4       |
| 08:45 | .3        | 296.2     | .7        | 271.8     | 1.5       | 273.4     | 1.8       | 260.1     | .9        |
| 09:00 | .1        | 340.5     | .3        | 265.9     | .9        | 278.4     | 1.3       | 259.5     | 1.7       |
| 09:15 | .2        | 129.6     | .1        | 205.4     | .2        | 252.9     | .6        | 237.1     | 2.1       |
| 09:30 | .2        | 170.5     | .3        | 229.4     | .5        | 262.7     | .6        | 252.2     | 1.9       |
| 09:45 | .2        | 207.6     | .5        | 253.7     | .8        | 259.5     | 1.0       | 258.6     | 2.1       |
| 10:00 | .2        | 211.4     | .7        | 254.3     | 1.0       | 260.0     | 1.4       | 253.7     | 2.6       |
| 10:15 | .3        | 203.5     | .9        | 227.3     | 1.0       | 246.5     | 1.6       | 243.0     | 2.7       |
| 10:30 | .3        | 186.2     | 1.3       | 224.3     | 1.7       | 220.8     | 2.1       | 222.0     | 3.3       |
| 10:45 | .4        | 256.9     | 1.6       | 243.8     | 2.5       | 228.7     | 3.1       | 222.4     | 3.6       |
| 11:00 | .4        | 261.9     | 1.9       | 247.8     | 2.8       | 232.2     | 3.6       | 222.3     | 3.9       |
| 11:15 | .6        | 204.6     | 1.9       | 229.1     | 2.8       | 222.6     | 3.3       | 218.3     | 3.9       |
| 11:30 | .9        | 228.1     | 2.0       | 225.0     | 2.8       | 222.4     | 3.4       | 222.8     | 3.7       |
| 11:45 | 2.7       | 253.7     | 3.3       | 235.2     | 4.2       | 234.2     | 4.5       | 226.2     | 4.7       |
| 12:00 | 1.6       | 220.3     | 3.3       | 225.8     | 4.6       | 231.8     | 4.6       | 223.9     | 5.2       |
| 12:15 | 4.6       | 248.3     | 3.5       | 230.5     | 4.4       | 228.0     | 4.8       | 222.6     | 5.3       |
| 12:30 | 4.4       | 243.9     | 4.2       | 235.8     | 5.0       | 230.3     | 5.2       | 226.0     | 5.4       |



## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

5/29/2020

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 | 234.0     | 7.0       | 235.0     | 9.6       | 223.0     |           |           |           |           |
| 00:15 | 234.4     | 7.2       | 255.9     | 9.7       | 224.0     |           |           |           |           |
| 00:30 | 231.0     | 7.2       | 235.1     | 9.8       | 224.0     |           |           |           |           |
| 00:45 | 232.2     | 7.4       | 235.3     | 9.9       | 225.0     |           |           |           |           |
| 01:00 | 233.0     | 7.0       | 236.1     | 10.0      | 225.0     |           |           |           |           |
| 01:15 | 234.3     | 5.9       | 231.5     | 10.2      | 225.0     |           |           |           |           |
| 01:30 | 232.6     | 5.3       | 230.3     | 10.3      | 226.5     |           |           |           |           |
| 01:45 | 225.7     | 6.1       | 232.0     | 10.9      | 225.6     |           |           |           |           |
| 02:00 | 235.3     | 6.6       | 232.6     | 12.7      | 229.8     |           |           |           |           |
| 02:15 | 237.0     | 6.4       | 229.7     | 12.5      | 229.8     |           |           |           |           |
| 02:30 | 232.6     | 6.1       | 229.3     | 11.5      | 228.9     |           |           |           |           |
| 02:45 | 227.5     | 6.1       | 226.4     | 11.0      | 227.0     |           |           |           |           |
| 03:00 | 215.9     | 5.5       | 212.3     | 10.0      | 226.0     |           |           |           |           |
| 03:15 | 211.8     | 3.5       | 220.5     | 8.5       | 225.0     |           |           |           |           |
| 03:30 | 229.3     | 2.9       | 238.8     | 7.0       | 223.0     |           |           |           |           |
| 03:45 | 223.3     | 1.9       | 223.2     | 6.1       | 220.7     |           |           |           |           |
| 04:00 | 209.7     | 1.3       | 207.6     | 4.8       | 222.4     |           |           |           |           |
| 04:15 | 196.6     | 1.7       | 210.5     | 6.3       | 224.0     |           |           |           |           |
| 04:30 | 224.6     | 3.9       | 232.8     | 7.9       | 226.9     |           |           |           |           |
| 04:45 | 242.7     | 5.2       | 237.2     | 8.8       | 221.8     |           |           |           |           |
| 05:00 | 236.0     | 6.1       | 229.0     | 9.7       | 217.1     |           |           |           |           |
| 05:15 | 225.4     | 6.8       | 223.9     | 10.9      | 220.8     |           |           |           |           |
| 05:30 | 226.5     | 7.0       | 226.8     | 11.3      | 219.2     |           |           |           |           |
| 05:45 | 236.2     | 6.2       | 237.9     |           |           |           |           |           |           |
| 06:00 | 239.7     | 5.2       | 237.9     |           |           |           |           |           |           |
| 06:15 | 228.8     | 4.7       | 225.3     |           |           |           |           |           |           |
| 06:30 | 224.1     | 4.1       | 215.2     |           |           |           |           |           |           |
| 06:45 | 228.6     | 5.0       | 223.4     |           |           |           |           |           |           |
| 07:00 | 224.6     | 7.1       | 227.5     |           |           |           |           |           |           |
| 07:15 | 224.2     | 5.2       | 229.2     |           |           |           |           |           |           |
| 07:30 | 223.7     | 4.7       | 228.2     |           |           |           |           |           |           |
| 07:45 | 222.4     | 4.4       | 234.4     |           |           |           |           |           |           |
| 08:00 | 224.2     | 1.9       | 244.3     |           |           |           |           |           |           |
| 08:15 | 227.8     | .9        | 216.2     |           |           |           |           |           |           |
| 08:30 | 237.1     | 1.1       | 216.1     |           |           |           |           |           |           |
| 08:45 | 252.1     | 1.5       | 237.5     |           |           |           |           |           |           |
| 09:00 | 252.4     | 2.6       | 231.6     |           |           |           |           |           |           |
| 09:15 | 242.1     | 3.7       | 219.3     |           |           |           |           |           |           |
| 09:30 | 237.7     | 4.0       | 224.5     |           |           |           |           |           |           |
| 09:45 | 244.7     | 3.7       | 234.8     |           |           |           |           |           |           |
| 10:00 | 246.9     | 3.6       | 233.2     | 8.8       | 217.9     |           |           |           |           |
| 10:15 | 238.5     | 4.2       | 227.7     | 8.6       | 219.6     |           |           |           |           |
| 10:30 | 223.3     | 5.0       | 224.5     | 9.0       | 217.8     | 13.3      | 223.5     |           |           |
| 10:45 | 221.4     | 5.5       | 216.6     | 8.9       | 213.8     | 12.6      | 218.3     |           |           |
| 11:00 | 218.5     | 5.8       | 206.0     | 7.7       | 211.3     | 11.8      | 217.0     |           |           |
| 11:15 | 223.1     | 4.9       | 210.2     | 7.3       | 211.5     | 11.1      | 216.5     |           |           |
| 11:30 | 229.4     | 4.5       | 215.6     | 6.9       | 213.4     | 9.7       | 218.8     |           |           |
| 11:45 | 224.0     | 4.9       | 217.6     | 7.3       | 209.4     |           |           |           |           |
| 12:00 | 220.5     | 6.1       | 214.5     | 10.1      | 204.8     |           |           |           |           |
| 12:15 | 218.5     | 5.7       | 217.5     | 9.7       | 207.7     |           |           |           |           |
| 12:30 | 224.7     | 5.8       | 222.4     | 8.0       | 219.1     |           |           |           |           |



### Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

5/29/2020

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>    |           |           |           |           |