

Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

9/27/2020

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 | 86.0 | .2 | 80.0 | .8 | 210.0 | 1.7 | 198.0 | 1.9 |
| 00:15 | .5 | 76.1 | .3 | 45.6 | .4 | 223.8 | 1.0 | 204.7 | 2.2 |
| 00:30 | .3 | 72.2 | .7 | 22.4 | .1 | 180.5 | .6 | 197.6 | 1.7 |
| 00:45 | .6 | 80.2 | 1.0 | 27.7 | .4 | 65.3 | .2 | 137.9 | .5 |
| 01:00 | .9 | 82.5 | .8 | 30.9 | .3 | 44.6 | .3 | 94.1 | .3 |
| 01:15 | .6 | 76.0 | .9 | 42.7 | .3 | 31.8 | .2 | 77.7 | .8 |
| 01:30 | .3 | 89.8 | .9 | 58.0 | .3 | 49.5 | .1 | 74.7 | .8 |
| 01:45 | 1.1 | 92.9 | 1.0 | 63.1 | .4 | 48.4 | .1 | 19.5 | .4 |
| 02:00 | 1.5 | 91.3 | 1.1 | 71.8 | .6 | 75.4 | .1 | 120.7 | .3 |
| 02:15 | .6 | 95.3 | 1.4 | 93.1 | .9 | 112.3 | .3 | 172.8 | .1 |
| 02:30 | .2 | 98.0 | 1.6 | 91.6 | 1.1 | 118.6 | .3 | 142.6 | .5 |
| 02:45 | .4 | 83.1 | 1.4 | 87.9 | .9 | 112.7 | .3 | 127.0 | .8 |
| 03:00 | .1 | 73.3 | 1.4 | 86.3 | .8 | 123.2 | .6 | 166.8 | 1.3 |
| 03:15 | .3 | 97.2 | 1.7 | 72.1 | .8 | 119.4 | .8 | 181.1 | 1.2 |
| 03:30 | .9 | 88.2 | 1.9 | 74.5 | .7 | 107.8 | .7 | 185.5 | .8 |
| 03:45 | .9 | 86.8 | 2.0 | 75.7 | .7 | 115.3 | .8 | 185.5 | 1.3 |
| 04:00 | .8 | 86.6 | 1.7 | 69.5 | .7 | 140.5 | 1.0 | 199.9 | 2.0 |
| 04:15 | .8 | 88.8 | 1.2 | 71.2 | .4 | 183.5 | 1.2 | 221.1 | 2.9 |
| 04:30 | .8 | 95.8 | 1.0 | 65.9 | .1 | 215.1 | 1.1 | 232.5 | 3.1 |
| 04:45 | 1.1 | 91.4 | .8 | 48.4 | .3 | 76.0 | .5 | 204.4 | 1.7 |
| 05:00 | 1.8 | 89.7 | .7 | 51.2 | .7 | 72.1 | .4 | 135.2 | .6 |
| 05:15 | 2.0 | 91.9 | .9 | 65.8 | .9 | 82.9 | .3 | 102.3 | .4 |
| 05:30 | 1.3 | 94.3 | 1.1 | 73.2 | .9 | 95.0 | .2 | 110.6 | .4 |
| 05:45 | .8 | 94.1 | 1.1 | 85.2 | .5 | 96.7 | .3 | 167.6 | .7 |
| 06:00 | .2 | 106.0 | 1.1 | 90.2 | .4 | 109.2 | .4 | 175.7 | .7 |
| 06:15 | .1 | 126.6 | .8 | 92.8 | .6 | 128.5 | .4 | 155.4 | .4 |
| 06:30 | .4 | 95.7 | .6 | 82.2 | .6 | 131.7 | .4 | 154.2 | .1 |
| 06:45 | .4 | 102.7 | .8 | 74.5 | .6 | 127.9 | .3 | 146.7 | .2 |
| 07:00 | .2 | 168.9 | .7 | 79.0 | .7 | 129.0 | .4 | 155.8 | .1 |
| 07:15 | .3 | 150.3 | .5 | 70.3 | .7 | 120.0 | .5 | 157.6 | .1 |
| 07:30 | .4 | 124.3 | .5 | 62.1 | .6 | 117.1 | .4 | 161.6 | .1 |
| 07:45 | .3 | 111.5 | .6 | 66.3 | .5 | 137.0 | .5 | 173.2 | .2 |
| 08:00 | .3 | 98.3 | .7 | 67.4 | .5 | 137.4 | .4 | 170.3 | .3 |
| 08:15 | .2 | 85.4 | .5 | 61.4 | .4 | 113.8 | .4 | 158.5 | .2 |
| 08:30 | .3 | 86.9 | .4 | 73.9 | .6 | 134.9 | .5 | 162.5 | .1 |
| 08:45 | .3 | 94.6 | .5 | 92.9 | .8 | 144.2 | .7 | 163.0 | .2 |
| 09:00 | .4 | 100.8 | .6 | 101.4 | .9 | 140.7 | .9 | 162.9 | .2 |
| 09:15 | .2 | 120.1 | .4 | 88.7 | 1.0 | 143.9 | 1.2 | 160.4 | .6 |
| 09:30 | .2 | 139.2 | .4 | 68.0 | .7 | 126.7 | 1.0 | 150.0 | .4 |
| 09:45 | .2 | 128.7 | .4 | 71.8 | .5 | 88.4 | .7 | 131.3 | .2 |
| 10:00 | .3 | 87.9 | .6 | 84.1 | .6 | 83.3 | .9 | 134.8 | .4 |
| 10:15 | .2 | 90.8 | .6 | 113.7 | .5 | 119.5 | 1.0 | 135.5 | .3 |
| 10:30 | .1 | 116.1 | .1 | 311.7 | .4 | 169.1 | .5 | 162.9 | .3 |
| 10:45 | .3 | 84.6 | .4 | 59.5 | .5 | 179.4 | .9 | 196.1 | 1.0 |
| 11:00 | .3 | 90.9 | .5 | 129.9 | .7 | 188.0 | 1.1 | 206.7 | 1.3 |
| 11:15 | .2 | 72.8 | .3 | 202.6 | .6 | 242.3 | 1.0 | 248.7 | 1.3 |
| 11:30 | .0 | 112.3 | .3 | 198.4 | .7 | 238.2 | 1.0 | 239.0 | 1.1 |
| 11:45 | .2 | 88.7 | .3 | 193.5 | .8 | 210.7 | 1.0 | 216.8 | 1.1 |
| 12:00 | .5 | 56.0 | .3 | 222.9 | .8 | 217.4 | .8 | 216.5 | .7 |
| 12:15 | .6 | 70.7 | .2 | 236.6 | .5 | 229.1 | .5 | 212.1 | .1 |
| 12:30 | 1.8 | 85.0 | .3 | 297.2 | .4 | 223.6 | .5 | 224.0 | .7 |

Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

9/27/2020

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 | 194.0 | .6 | 210.0 | | | | | | |
| 00:15 | 200.2 | .6 | 207.4 | | | | | | |
| 00:30 | 199.2 | 1.2 | 212.1 | | | | | | |
| 00:45 | 198.9 | 1.3 | 210.2 | | | | | | |
| 01:00 | 208.9 | 1.7 | 201.6 | 6.1 | 204.7 | | | | |
| 01:15 | 210.8 | 2.4 | 206.0 | 6.2 | 200.6 | | | | |
| 01:30 | 218.9 | 2.1 | 215.6 | 5.6 | 206.0 | | | | |
| 01:45 | 245.5 | 1.3 | 219.2 | 5.0 | 213.8 | | | | |
| 02:00 | 287.7 | 1.4 | 225.6 | 6.4 | 212.9 | | | | |
| 02:15 | 244.9 | 1.1 | 223.7 | 6.0 | 210.4 | | | | |
| 02:30 | 177.9 | .5 | 201.9 | 6.2 | 202.0 | | | | |
| 02:45 | 193.7 | .8 | 213.8 | 6.5 | 194.6 | | | | |
| 03:00 | 200.2 | 1.9 | 212.9 | 6.5 | 190.4 | | | | |
| 03:15 | 198.3 | 1.7 | 207.9 | | | | | | |
| 03:30 | 198.3 | .5 | 225.7 | | | | | | |
| 03:45 | 195.4 | .8 | 225.7 | | | | | | |
| 04:00 | 206.8 | 2.1 | 219.9 | | | | | | |
| 04:15 | 218.1 | 2.3 | 225.0 | | | | | | |
| 04:30 | 220.2 | 2.0 | 227.0 | .5 | 304.7 | | | | |
| 04:45 | 221.0 | 2.1 | 229.5 | | | | | | |
| 05:00 | 205.3 | 1.6 | 234.1 | | | | | | |
| 05:15 | 207.4 | .9 | 251.6 | | | | | | |
| 05:30 | 241.7 | .8 | 269.4 | | | | | | |
| 05:45 | 255.6 | .8 | 270.5 | | | | | | |
| 06:00 | 234.2 | .5 | 246.9 | | | | | | |
| 06:15 | 198.2 | .8 | 247.0 | | | | | | |
| 06:30 | 48.5 | .9 | 262.4 | 1.6 | 240.5 | | | | |
| 06:45 | 11.6 | .6 | 259.2 | 1.5 | 243.0 | | | | |
| 07:00 | 320.9 | .1 | 223.2 | 1.5 | 240.0 | | | | |
| 07:15 | 174.2 | .3 | 226.2 | 1.6 | 235.0 | | | | |
| 07:30 | 189.0 | .9 | 231.3 | 1.6 | 230.0 | | | | |
| 07:45 | 176.8 | 1.0 | 215.0 | 1.7 | 225.0 | | | | |
| 08:00 | 188.1 | .6 | 205.6 | 1.7 | 217.0 | | | | |
| 08:15 | 206.8 | .2 | 293.7 | 3.1 | 220.1 | 6.4 | 208.8 | | |
| 08:30 | 204.0 | .3 | 255.7 | 4.8 | 207.7 | 7.9 | 205.3 | | |
| 08:45 | 208.9 | .8 | 227.4 | 6.0 | 198.7 | 7.7 | 193.7 | | |
| 09:00 | 202.7 | 1.1 | 221.3 | 6.2 | 210.7 | 7.9 | 194.4 | | |
| 09:15 | 197.1 | 1.6 | 215.0 | 6.4 | 213.0 | 8.6 | 209.5 | | |
| 09:30 | 197.0 | 1.9 | 216.5 | 6.6 | 215.9 | 9.5 | 210.8 | 13.7 | 218.1 |
| 09:45 | 196.7 | 1.5 | 224.7 | 6.1 | 217.5 | 10.1 | 209.0 | 13.3 | 218.0 |
| 10:00 | 203.3 | 1.3 | 221.8 | 5.8 | 213.5 | 9.5 | 209.0 | 12.8 | 217.0 |
| 10:15 | 173.1 | 1.1 | 217.9 | 8.9 | 203.2 | 8.9 | 208.3 | 12.0 | 217.0 |
| 10:30 | 201.6 | 1.1 | 225.9 | 9.1 | 208.5 | 9.2 | 208.5 | 11.5 | 216.0 |
| 10:45 | 215.4 | 1.6 | 233.0 | 7.1 | 211.8 | 7.1 | 210.8 | 10.5 | 215.0 |
| 11:00 | 224.0 | 1.8 | 243.4 | 3.4 | 233.5 | 5.3 | 210.5 | 9.0 | 214.0 |
| 11:15 | 244.2 | 1.7 | 248.2 | 2.7 | 232.6 | 5.1 | 215.1 | 8.5 | 214.0 |
| 11:30 | 232.4 | 1.5 | 229.3 | 2.5 | 220.8 | 4.8 | 214.8 | 8.0 | 213.0 |
| 11:45 | 213.7 | 2.0 | 212.3 | 3.7 | 208.8 | 6.0 | 209.1 | 8.5 | 213.0 |
| 12:00 | 209.4 | 1.3 | 213.4 | 3.5 | 200.9 | 6.4 | 207.6 | 8.5 | 213.0 |
| 12:15 | 246.5 | .5 | 209.0 | 3.0 | 185.4 | 5.5 | 203.3 | 9.0 | 213.0 |
| 12:30 | 246.1 | 1.0 | 211.0 | 3.6 | 189.4 | 5.6 | 203.4 | 9.9 | 212.4 |

Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

9/27/2020

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 | | | | |
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| 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 | 10.6 | 215.6 | | |
| 13:00 | 11.7 | 223.4 | | |
| 13:15 | | | | |
| 13:30 | | | | |
| 13:45 | | | | |
| 14:00 | | | | |
| 14:15 | | | | |
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| 17:15 | | | | |
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| 18:00 | | | | |
| 18:15 | | | | |
| 18:30 | | | | |
| 18:45 | | | | |
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| 20:45 | | | | |
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| 21:15 | | | | |
| 21:30 | | | | |
| 21:45 | | | | |
| 22:00 | | | | |
| 22:15 | | | | |
| 22:30 | | | | |
| 22:45 | | | | |
| 23:00 | | | | |
| 23:15 | | | | |
| 23:30 | | | | |
| 23:45 | | | | |
| Avg | 11.2 | 219.5 | | |
| Max | 11.7 | 223.4 | | |
| Max Time | 13:00 | 13:00 | | |
| Min | 10.6 | 215.6 | | |
| Count | 2 | 2 | 0 | 0 |
| Total | | | | |