

Daily Summary Report

Site: ORNL Sodar

11/25/2019

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 | KPH | DEG | M/SEC | DEG | M/SEC |
| 00:00 | .7 | 64.0 | .4 | 257.0 | 1.0 | 240.0 | 2.0 | 221.0 | 1.6 |
| 00:15 | .9 | 81.2 | .5 | 252.4 | .8 | 255.7 | 1.5 | 231.1 | 1.5 |
| 00:30 | .2 | 47.7 | .5 | 244.1 | .5 | 262.0 | .9 | 237.1 | 1.0 |
| 00:45 | .4 | 69.5 | .4 | 217.6 | .3 | 246.6 | .4 | 243.7 | 1.1 |
| 01:00 | .5 | 74.5 | .4 | 186.1 | .3 | 233.9 | .2 | 254.9 | 1.4 |
| 01:15 | .4 | 66.3 | .3 | 147.7 | .3 | 227.6 | .3 | 221.7 | 1.6 |
| 01:30 | .5 | 63.1 | .7 | 136.6 | .4 | 215.5 | .6 | 214.3 | 1.4 |
| 01:45 | .4 | 48.3 | .8 | 132.2 | .5 | 210.4 | .5 | 221.8 | 1.1 |
| 02:00 | .5 | 46.7 | .6 | 132.5 | .4 | 199.2 | .4 | 223.2 | .8 |
| 02:15 | .9 | 65.8 | .8 | 150.8 | .3 | 189.2 | .4 | 223.8 | .9 |
| 02:30 | 1.1 | 67.6 | .7 | 146.6 | .3 | 187.0 | .5 | 222.3 | 1.2 |
| 02:45 | 1.5 | 72.0 | .8 | 107.7 | .4 | 172.4 | .5 | 209.5 | 1.2 |
| 03:00 | 1.6 | 77.9 | 1.4 | 99.5 | .6 | 138.9 | .3 | 195.1 | .8 |
| 03:15 | 1.3 | 79.4 | 1.8 | 107.2 | .8 | 138.1 | .5 | 170.3 | .7 |
| 03:30 | 1.2 | 79.8 | 1.8 | 110.5 | .8 | 135.7 | .6 | 161.1 | .6 |
| 03:45 | 1.2 | 81.2 | 1.7 | 109.1 | 1.0 | 127.0 | .7 | 144.8 | .6 |
| 04:00 | 1.0 | 79.6 | 2.0 | 111.3 | 1.8 | 130.5 | 1.4 | 142.6 | .9 |
| 04:15 | .8 | 74.6 | 2.3 | 109.9 | 2.2 | 133.1 | 2.4 | 149.8 | 1.3 |
| 04:30 | .6 | 67.5 | 2.1 | 105.4 | 1.9 | 129.2 | 2.3 | 157.8 | 1.4 |
| 04:45 | 1.0 | 70.5 | 1.3 | 93.5 | 1.4 | 107.4 | 1.3 | 150.7 | 1.1 |
| 05:00 | .7 | 52.6 | 1.4 | 90.1 | 1.4 | 102.1 | 1.1 | 138.2 | 1.3 |
| 05:15 | .6 | 35.2 | 1.2 | 78.1 | 1.4 | 111.2 | 1.1 | 148.7 | 1.5 |
| 05:30 | .5 | 41.2 | 1.0 | 28.4 | .9 | 88.0 | .5 | 126.5 | .6 |
| 05:45 | .4 | 55.5 | 1.5 | 5.9 | 1.0 | 26.6 | .6 | 43.0 | .8 |
| 06:00 | .5 | 63.5 | 1.5 | 6.5 | 1.1 | 21.4 | .7 | 33.1 | 1.0 |
| 06:15 | .4 | 58.1 | .7 | 44.7 | .8 | 55.7 | .3 | 80.3 | .5 |
| 06:30 | .3 | 5.1 | .9 | 93.5 | 1.1 | 77.7 | .4 | 112.8 | .2 |
| 06:45 | .3 | 348.1 | 1.4 | 83.1 | 1.5 | 76.8 | .5 | 94.4 | .1 |
| 07:00 | .3 | 357.2 | 1.4 | 90.6 | 1.9 | 79.6 | .8 | 83.8 | .0 |
| 07:15 | .4 | 63.1 | 1.1 | 98.6 | 2.4 | 82.3 | 1.6 | 87.1 | .3 |
| 07:30 | .7 | 79.8 | .8 | 104.0 | 2.5 | 82.9 | 2.0 | 89.0 | .7 |
| 07:45 | .9 | 76.3 | .8 | 100.6 | 2.1 | 93.3 | 2.3 | 106.6 | 1.4 |
| 08:00 | .7 | 53.0 | .6 | 92.5 | 1.6 | 107.8 | 2.4 | 121.6 | 1.9 |
| 08:15 | .4 | 25.5 | .4 | 116.9 | 1.0 | 106.6 | 2.1 | 119.5 | 2.1 |
| 08:30 | .4 | 62.7 | .4 | 111.9 | 1.1 | 98.0 | 2.1 | 115.7 | 2.4 |
| 08:45 | .5 | 58.7 | .4 | 89.5 | .9 | 88.2 | 1.8 | 110.9 | 2.5 |
| 09:00 | .6 | 46.1 | .2 | 115.9 | .4 | 62.2 | 1.2 | 92.7 | 2.2 |
| 09:15 | .4 | 60.1 | .2 | 169.2 | .1 | 22.7 | .9 | 91.6 | 2.0 |
| 09:30 | .4 | 69.8 | .2 | 170.3 | .2 | 107.8 | 1.2 | 120.5 | 2.3 |
| 09:45 | .5 | 67.6 | .3 | 42.2 | .3 | 31.1 | .7 | 113.6 | 1.9 |
| 10:00 | .5 | 76.0 | .6 | 45.9 | .6 | 27.3 | .4 | 27.3 | 1.3 |
| 10:15 | .4 | 96.3 | .6 | 73.0 | .8 | 73.0 | .5 | 87.4 | 1.6 |
| 10:30 | .2 | 111.8 | .3 | 47.7 | .5 | 90.7 | .5 | 136.1 | 1.8 |
| 10:45 | .2 | 237.1 | .3 | 283.5 | .0 | 307.2 | .6 | 164.5 | 1.9 |
| 11:00 | .3 | 245.0 | .4 | 280.1 | .3 | 281.9 | .3 | 200.4 | 1.6 |
| 11:15 | .2 | 275.1 | .1 | 309.8 | .2 | 275.6 | .3 | 244.3 | 1.1 |
| 11:30 | .1 | 37.1 | .1 | 137.9 | .1 | 13.0 | .1 | 4.8 | .5 |
| 11:45 | .4 | 91.2 | .3 | 180.1 | .2 | 277.4 | .2 | 287.8 | .6 |
| 12:00 | 1.1 | 89.5 | .8 | 134.1 | .6 | 155.7 | .1 | 162.7 | .6 |
| 12:15 | 1.2 | 93.9 | 1.0 | 128.0 | .9 | 133.5 | .5 | 103.5 | .5 |
| 12:30 | .4 | 77.6 | .6 | 152.5 | .7 | 140.3 | .5 | 140.4 | .5 |

Daily Summary Report

Site: ORNL Sodar

11/25/2019

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 | 215.0 | .7 | 215.0 | .2 | 210.0 | 1.4 | 226.0 | 1.0 | 300.0 |
| 00:15 | 220.9 | 1.0 | 246.8 | .3 | 248.6 | .9 | 218.0 | .2 | 317.7 |
| 00:30 | 220.2 | 1.6 | 247.6 | .3 | 157.1 | 1.1 | 249.1 | 2.0 | 287.0 |
| 00:45 | 218.5 | 1.1 | 227.8 | .3 | 229.9 | 2.7 | 262.5 | 5.5 | 267.4 |
| 01:00 | 219.8 | 1.3 | 216.4 | .7 | 237.1 | 2.6 | 266.2 | 4.8 | 272.4 |
| 01:15 | 218.3 | 1.0 | 228.2 | .8 | 215.2 | 2.0 | 265.0 | 4.6 | 269.9 |
| 01:30 | 215.0 | 1.2 | 228.3 | 1.1 | 189.7 | 1.6 | 251.9 | 1.7 | 256.4 |
| 01:45 | 213.0 | 1.7 | 226.5 | 1.0 | 199.2 | 1.3 | 257.0 | .4 | 237.0 |
| 02:00 | 218.1 | 1.9 | 222.1 | 1.1 | 212.9 | .7 | 223.5 | 1.8 | 268.9 |
| 02:15 | 221.8 | 2.3 | 221.6 | 1.2 | 191.4 | 1.1 | 236.7 | 3.7 | 266.2 |
| 02:30 | 222.7 | 2.4 | 222.0 | .8 | 149.3 | 2.3 | 256.4 | 4.8 | 264.2 |
| 02:45 | 219.9 | 1.9 | 210.1 | .7 | 157.3 | 2.0 | 248.0 | 4.6 | 264.2 |
| 03:00 | 204.4 | 1.4 | 197.9 | 1.0 | 149.0 | 1.5 | 240.7 | 4.0 | 255.0 |
| 03:15 | 208.6 | 1.1 | 210.5 | 1.0 | 188.6 | 2.0 | 242.0 | 5.0 | 258.0 |
| 03:30 | 209.1 | 1.0 | 220.5 | 1.2 | 220.6 | 2.4 | 244.8 | 4.6 | 262.0 |
| 03:45 | 192.5 | 1.3 | 214.5 | 1.5 | 210.0 | 2.7 | 238.0 | 4.3 | 265.0 |
| 04:00 | 178.2 | 1.5 | 203.3 | 2.0 | 200.0 | 3.0 | 233.0 | 3.9 | 269.2 |
| 04:15 | 165.5 | 1.7 | 188.0 | 2.3 | 190.0 | | | | |
| 04:30 | 168.7 | 1.5 | 183.2 | 2.6 | 181.1 | | | | |
| 04:45 | 179.1 | 1.0 | 197.2 | | | | | | |
| 05:00 | 177.4 | 1.0 | 198.3 | | | | | | |
| 05:15 | 177.7 | 1.0 | 201.9 | | | | | | |
| 05:30 | 199.5 | 1.2 | 213.9 | | | | | | |
| 05:45 | 274.9 | .3 | 257.1 | | | | | | |
| 06:00 | 282.2 | .5 | 343.8 | | | | | | |
| 06:15 | 276.8 | 1.0 | 256.4 | | | | | | |
| 06:30 | 246.0 | .7 | 226.8 | | | | | | |
| 06:45 | 272.4 | .4 | 163.4 | | | | | | |
| 07:00 | 249.5 | 1.4 | 81.9 | | | | | | |
| 07:15 | 156.9 | 1.4 | 82.0 | | | | | | |
| 07:30 | 138.2 | .6 | 159.2 | | | | | | |
| 07:45 | 134.6 | 1.3 | 135.9 | | | | | | |
| 08:00 | 146.5 | 1.2 | 139.7 | | | | | | |
| 08:15 | 149.2 | 1.0 | 183.7 | | | | | | |
| 08:30 | 146.3 | 1.6 | 175.4 | | | | | | |
| 08:45 | 145.8 | 2.0 | 175.1 | | | | | | |
| 09:00 | 143.0 | 2.0 | 181.4 | | | | | | |
| 09:15 | 149.2 | 1.6 | 183.5 | | | | | | |
| 09:30 | 162.2 | 1.0 | 181.7 | | | | | | |
| 09:45 | 159.0 | 1.1 | 185.3 | | | | | | |
| 10:00 | 163.5 | 1.7 | 190.3 | | | | | | |
| 10:15 | 174.4 | 1.6 | 198.6 | | | | | | |
| 10:30 | 181.3 | 1.1 | 213.2 | | | | | | |
| 10:45 | 182.0 | 1.3 | 212.1 | | | | | | |
| 11:00 | 181.7 | 1.4 | 203.2 | | | | | | |
| 11:15 | 196.7 | 1.4 | 213.5 | | | | | | |
| 11:30 | 233.6 | 1.5 | 242.5 | .9 | 305.0 | | | | |
| 11:45 | 293.9 | 1.8 | 270.9 | .7 | 284.8 | | | | |
| 12:00 | 296.8 | 2.0 | 273.1 | .6 | 247.0 | | | | |
| 12:15 | 269.0 | 2.0 | 261.1 | .7 | 264.2 | | | | |
| 12:30 | 232.5 | 1.9 | 242.9 | 1.0 | 256.6 | | | | |

Daily Summary Report

Site: ORNL Sodar

11/25/2019

Interval: 015m

| | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | M/SEC | DEG |
| 00:00 | | | | |
| 00:15 | | | | |
| 00:30 | | | | |
| 00:45 | 7.3 | 273.8 | | |
| 01:00 | 8.0 | 271.7 | | |
| 01:15 | 7.5 | 272.0 | | |
| 01:30 | 7.1 | 272.0 | | |
| 01:45 | 6.7 | 271.0 | | |
| 02:00 | 6.3 | 271.0 | | |
| 02:15 | 6.0 | 270.3 | | |
| 02:30 | 5.9 | 270.5 | | |
| 02:45 | 5.5 | 271.4 | | |
| 03:00 | 6.6 | 268.5 | | |
| 03:15 | 8.1 | 272.9 | | |
| 03:30 | | | | |
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| | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
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| Time | M/SEC | DEG | M/SEC | DEG |
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| 23:45 | | | | |
| Avg | 6.8 | 271.0 | | .0 |
| Max | 8.1 | 273.8 | | |
| Max Time | 03:15 | 00:45 | | |
| Min | 5.5 | 268.5 | | |
| Count | 11 | 11 | 0 | 0 |
| Total | | | | |