

Daily Summary Report

Site: ORNL Sodar

11/5/2019

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 | 1.3 | 84.0 | .6 | 31.0 | .3 | 35.0 | .5 | 189.0 | 1.0 |
| 00:15 | 1.4 | 83.0 | .7 | 21.6 | .3 | 28.5 | .4 | 192.8 | 1.0 |
| 00:30 | 1.5 | 83.3 | .5 | 38.0 | .3 | 24.7 | .1 | 254.9 | 1.0 |
| 00:45 | .7 | 79.8 | .5 | 80.5 | .3 | 26.6 | .2 | 288.9 | 1.0 |
| 01:00 | .3 | 335.6 | .5 | 90.7 | .2 | 25.7 | .3 | 249.9 | 1.4 |
| 01:15 | .3 | 23.1 | .5 | 84.3 | .2 | 70.9 | .4 | 214.7 | 1.8 |
| 01:30 | .5 | 51.3 | .5 | 87.7 | .2 | 113.2 | .4 | 206.7 | 1.8 |
| 01:45 | .3 | 26.0 | .5 | 87.7 | .3 | 93.6 | .1 | 151.5 | 1.2 |
| 02:00 | .1 | 37.3 | .5 | 78.6 | .3 | 71.5 | .1 | 287.1 | 1.3 |
| 02:15 | 1.0 | 87.4 | .9 | 78.5 | .4 | 83.5 | .5 | 247.4 | 2.1 |
| 02:30 | 1.1 | 81.9 | 1.1 | 79.3 | .5 | 91.8 | .6 | 227.2 | 2.3 |
| 02:45 | .8 | 76.7 | 1.2 | 76.6 | .4 | 93.1 | .6 | 238.6 | 2.4 |
| 03:00 | 1.0 | 77.8 | 1.5 | 81.5 | .5 | 125.1 | 1.2 | 235.8 | 2.9 |
| 03:15 | .8 | 75.0 | 1.4 | 81.6 | .5 | 119.5 | 1.1 | 239.7 | 2.4 |
| 03:30 | .3 | 21.9 | 1.2 | 79.5 | .4 | 87.2 | .7 | 272.6 | 2.0 |
| 03:45 | 1.0 | 76.3 | 1.6 | 83.4 | .7 | 96.5 | .5 | 276.9 | 2.0 |
| 04:00 | 1.3 | 84.4 | 1.8 | 84.9 | .7 | 93.1 | .6 | 271.2 | 1.9 |
| 04:15 | .9 | 84.6 | 1.8 | 84.4 | .5 | 69.3 | .9 | 283.6 | 2.3 |
| 04:30 | .8 | 82.1 | 1.5 | 81.0 | .6 | 61.1 | 1.1 | 297.4 | 2.2 |
| 04:45 | 1.0 | 90.7 | 1.3 | 74.8 | .8 | 60.8 | 1.2 | 310.8 | 2.1 |
| 05:00 | 1.0 | 96.4 | 1.2 | 70.5 | .9 | 40.2 | 1.5 | 321.6 | 2.5 |
| 05:15 | 1.2 | 96.4 | 1.2 | 78.8 | 1.0 | 86.5 | .6 | 324.0 | 2.4 |
| 05:30 | 1.4 | 91.2 | 1.3 | 86.2 | 1.8 | 102.6 | .5 | 107.0 | 1.8 |
| 05:45 | 1.2 | 86.6 | 1.4 | 77.4 | 1.8 | 96.0 | .8 | 84.2 | 1.5 |
| 06:00 | 1.0 | 97.1 | 1.7 | 63.4 | 1.9 | 89.1 | 1.0 | 85.5 | 1.2 |
| 06:15 | .8 | 101.3 | 1.6 | 63.1 | 1.9 | 89.9 | 1.0 | 100.3 | 1.1 |
| 06:30 | 1.1 | 98.2 | 1.4 | 62.2 | 1.8 | 95.7 | .8 | 114.6 | 1.1 |
| 06:45 | .9 | 101.3 | 1.5 | 59.2 | 1.9 | 94.8 | 1.1 | 113.9 | .9 |
| 07:00 | .4 | 118.7 | 1.6 | 61.2 | 2.1 | 92.0 | 1.4 | 114.7 | .6 |
| 07:15 | .6 | 111.0 | 1.4 | 70.4 | 2.3 | 90.7 | 1.7 | 111.9 | .2 |
| 07:30 | .9 | 103.5 | 1.7 | 79.6 | 2.4 | 93.2 | 2.0 | 115.6 | .4 |
| 07:45 | .9 | 97.2 | 2.2 | 79.4 | 2.6 | 94.4 | 2.4 | 119.1 | .5 |
| 08:00 | .6 | 77.0 | 1.9 | 76.0 | 2.7 | 102.3 | 2.6 | 127.3 | .5 |
| 08:15 | .5 | 16.6 | 1.4 | 59.0 | 2.2 | 100.2 | 2.0 | 128.4 | .5 |
| 08:30 | .8 | 315.0 | 1.3 | 33.6 | 1.6 | 63.2 | 1.4 | 97.9 | .5 |
| 08:45 | 1.3 | 284.6 | 1.0 | 34.7 | 1.6 | 52.6 | 1.4 | 80.2 | .4 |
| 09:00 | 1.3 | 275.2 | .9 | 68.0 | 1.6 | 65.9 | 1.5 | 84.3 | .5 |
| 09:15 | .8 | 262.8 | .9 | 91.1 | 1.3 | 68.9 | 1.4 | 83.3 | .6 |
| 09:30 | .6 | 269.3 | .6 | 96.4 | 1.1 | 73.5 | 1.1 | 84.3 | .7 |
| 09:45 | 1.0 | 271.0 | .8 | 97.9 | 1.2 | 77.8 | 1.0 | 93.1 | .7 |
| 10:00 | 1.4 | 274.5 | .7 | 107.8 | .7 | 90.1 | .8 | 126.0 | .2 |
| 10:15 | 1.2 | 274.7 | .3 | 120.3 | .2 | 143.8 | .6 | 171.7 | .2 |
| 10:30 | .5 | 271.8 | .1 | 130.2 | .1 | 57.0 | .4 | 183.9 | .2 |
| 10:45 | .4 | 264.8 | .2 | 104.3 | .4 | 133.3 | .4 | 172.0 | .4 |
| 11:00 | .3 | 315.0 | .7 | 140.0 | .7 | 150.0 | .7 | 180.0 | .7 |
| 11:15 | .2 | 29.0 | 1.1 | 170.4 | .9 | 165.3 | .9 | 189.2 | 1.0 |
| 11:30 | .1 | 317.6 | 1.4 | 195.6 | 1.2 | 205.3 | 1.4 | 208.0 | 1.2 |
| 11:45 | .4 | 221.9 | 1.1 | 216.1 | 1.1 | 240.5 | 1.2 | 249.5 | 1.4 |
| 12:00 | .3 | 212.2 | .9 | 232.2 | 1.0 | 272.0 | 1.3 | 290.8 | 1.9 |
| 12:15 | .5 | 208.4 | .9 | 214.4 | .8 | 252.4 | 1.0 | 273.5 | 1.3 |
| 12:30 | .5 | 149.1 | .3 | 158.8 | .1 | 197.6 | .3 | 250.1 | .2 |

Daily Summary Report

Site: ORNL Sodar

11/5/2019

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 | 2.1 | 231.0 | 4.0 | 215.0 | 6.6 | 203.0 | | |
| 00:15 | 223.1 | 2.5 | 230.4 | 5.1 | 212.4 | 7.2 | 201.9 | | |
| 00:30 | 227.9 | 2.8 | 235.7 | 5.1 | 213.8 | 7.0 | 204.0 | | |
| 00:45 | 231.1 | 3.1 | 234.8 | 4.0 | 223.4 | 6.6 | 204.9 | | |
| 01:00 | 235.2 | 3.3 | 232.5 | 3.1 | 241.2 | 5.8 | 209.2 | | |
| 01:15 | 237.4 | 3.2 | 229.2 | 1.9 | 245.8 | 4.8 | 210.9 | | |
| 01:30 | 238.7 | 3.0 | 234.6 | 2.6 | 234.7 | 6.3 | 203.9 | | |
| 01:45 | 241.2 | 3.1 | 238.7 | 3.8 | 238.1 | 7.2 | 206.1 | | |
| 02:00 | 247.6 | 3.6 | 237.1 | 5.0 | 226.1 | 7.8 | 207.1 | | |
| 02:15 | 245.5 | 4.0 | 237.3 | 5.8 | 223.3 | 8.1 | 206.2 | 11.6 | 200.1 |
| 02:30 | 242.8 | 4.0 | 238.2 | 5.9 | 224.1 | 8.3 | 203.2 | 11.4 | 199.7 |
| 02:45 | 243.4 | 4.2 | 238.3 | 6.4 | 223.8 | 8.8 | 200.7 | 11.3 | 200.0 |
| 03:00 | 242.1 | 4.4 | 238.1 | 6.8 | 225.4 | 8.8 | 204.1 | 11.2 | 201.0 |
| 03:15 | 245.8 | 4.0 | 244.8 | 6.2 | 232.9 | 7.9 | 209.6 | 11.1 | 201.0 |
| 03:30 | 261.5 | 3.8 | 253.3 | 5.7 | 237.3 | 7.5 | 208.8 | 11.1 | 201.0 |
| 03:45 | 261.8 | 3.5 | 255.9 | 5.3 | 233.6 | 7.3 | 205.0 | 11.0 | 201.0 |
| 04:00 | 263.3 | 3.3 | 255.5 | 5.0 | 233.0 | 7.4 | 203.4 | 9.8 | 200.2 |
| 04:15 | 267.4 | 3.4 | 260.1 | 4.7 | 236.7 | 7.0 | 204.9 | 9.0 | 208.0 |
| 04:30 | 273.0 | 3.2 | 267.8 | 4.5 | 240.7 | 6.2 | 208.1 | 8.6 | 214.0 |
| 04:45 | 270.6 | 3.4 | 265.5 | 4.7 | 242.0 | 6.3 | 211.4 | 8.0 | 220.0 |
| 05:00 | 279.0 | 3.6 | 266.3 | 4.6 | 246.3 | 5.9 | 215.3 | 7.0 | 233.0 |
| 05:15 | 286.1 | 3.3 | 270.8 | 4.3 | 251.0 | 5.8 | 218.0 | 6.0 | 246.3 |
| 05:30 | 281.3 | 3.0 | 268.9 | 4.0 | 246.5 | 6.0 | 213.9 | 6.3 | 250.2 |
| 05:45 | 287.4 | 2.8 | 271.9 | 3.9 | 248.8 | 5.5 | 217.7 | | |
| 06:00 | 291.3 | 2.3 | 273.3 | 4.2 | 253.9 | 5.5 | 222.1 | | |
| 06:15 | 274.4 | 1.7 | 273.2 | 4.0 | 261.3 | 5.2 | 223.5 | | |
| 06:30 | 273.6 | 1.3 | 277.7 | 3.0 | 260.0 | 5.1 | 224.3 | | |
| 06:45 | 302.6 | .5 | 308.4 | 2.5 | 253.7 | 5.2 | 224.5 | | |
| 07:00 | 314.2 | 1.1 | 316.1 | 2.9 | 263.8 | 5.0 | 234.4 | | |
| 07:15 | 302.8 | 1.1 | 317.1 | 2.1 | 260.0 | 3.6 | 235.8 | | |
| 07:30 | 84.3 | .5 | 323.4 | 1.3 | 258.2 | 3.3 | 232.4 | | |
| 07:45 | 105.0 | .6 | 285.0 | 1.7 | 257.0 | 3.8 | 236.8 | | |
| 08:00 | 85.0 | .7 | 292.0 | | | | | | |
| 08:15 | 55.0 | .9 | 300.0 | | | | | | |
| 08:30 | 24.4 | 1.1 | 312.0 | | | | | | |
| 08:45 | 55.8 | 1.2 | 324.5 | | | | | | |
| 09:00 | 98.4 | .6 | 313.6 | | | | | | |
| 09:15 | 103.7 | .7 | 305.0 | | | | | | |
| 09:30 | 70.0 | .7 | 296.0 | | | | | | |
| 09:45 | 36.5 | .8 | 288.0 | | | | | | |
| 10:00 | 26.3 | 1.1 | 275.3 | | | | | | |
| 10:15 | 208.0 | 1.2 | 276.1 | 5.0 | 265.6 | 8.4 | 270.2 | | |
| 10:30 | 239.0 | 1.4 | 272.0 | 5.1 | 271.0 | 7.0 | 275.3 | | |
| 10:45 | 277.3 | 1.7 | 269.9 | 4.9 | 273.2 | 6.8 | 285.0 | | |
| 11:00 | 255.0 | 1.8 | 270.0 | 4.7 | 290.0 | 6.7 | 292.0 | | |
| 11:15 | 235.5 | 1.9 | 271.7 | 4.4 | 300.5 | 6.6 | 297.0 | | |
| 11:30 | 237.4 | 1.7 | 279.2 | 3.7 | 307.3 | 6.4 | 307.1 | | |
| 11:45 | 274.8 | 2.4 | 297.4 | 4.3 | 306.9 | 6.6 | 310.2 | | |
| 12:00 | 313.4 | 2.7 | 317.4 | 4.4 | 317.0 | 6.2 | 322.5 | | |
| 12:15 | 316.3 | 1.8 | 328.2 | 3.6 | 333.0 | 4.9 | 331.0 | | |
| 12:30 | 291.9 | .9 | 323.7 | 2.6 | 327.2 | 5.3 | 324.8 | | |

Daily Summary Report

Site: ORNL Sodar

11/5/2019

Interval: 015m

| | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | M/SEC | DEG |
| 00:00 | | | | |
| 00:15 | | | | |
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| | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-----------------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | M/SEC | DEG |
| 12:45 | | | | |
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