

Daily Summary Report

Site: ORNL Sodar

8/11/2018

Interval: 015m

| | 04_WS060m | 05_WDir060m | 06_WS100m | 07_WDir100m | 08_WS140m | 09_WDir140m | 10_WS180m | 11_WDir180m | 12_WS240m |
|-------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| Hour | M/SEC | DEG | M/SEC | DEG | KPH | DEG | M/SEC | DEG | M/SEC |
| 00:00 | .2 | 60.1 | .1 | 326.2 | .3 | 268.6 | .8 | 282.7 | .7 |
| 00:15 | .2 | 92.5 | .5 | 269.0 | .4 | 273.6 | .8 | 274.3 | .7 |
| 00:30 | .1 | 103.9 | .6 | 274.9 | .4 | 288.6 | .4 | 277.0 | .4 |
| 00:45 | .2 | 101.7 | .5 | 263.6 | .4 | 282.0 | .3 | 284.1 | .2 |
| 01:00 | .2 | 122.7 | .6 | 257.0 | .4 | 254.9 | .3 | 260.0 | .3 |
| 01:15 | .2 | 124.3 | .5 | 248.9 | .3 | 221.0 | .3 | 222.9 | .3 |
| 01:30 | .2 | 103.0 | .5 | 239.3 | .3 | 207.3 | .3 | 205.1 | .1 |
| 01:45 | .2 | 109.9 | .3 | 241.6 | .2 | 197.4 | .1 | 191.7 | .1 |
| 02:00 | .3 | 103.9 | .2 | 267.0 | .1 | 75.3 | .1 | 86.6 | .1 |
| 02:15 | .3 | 91.0 | .5 | 276.2 | .2 | 110.6 | .3 | 128.7 | .2 |
| 02:30 | .3 | 95.1 | .6 | 283.4 | .3 | 173.4 | .4 | 152.6 | .3 |
| 02:45 | .2 | 104.0 | .5 | 283.9 | .2 | 179.5 | .3 | 155.8 | .4 |
| 03:00 | .1 | 82.4 | .4 | 258.9 | .1 | 87.5 | .2 | 147.7 | .2 |
| 03:15 | .2 | 49.4 | .4 | 257.2 | .1 | 39.7 | .2 | 130.9 | .1 |
| 03:30 | .1 | 339.8 | .4 | 289.9 | .1 | 8.9 | .1 | 76.0 | .4 |
| 03:45 | .0 | 189.9 | .7 | 290.2 | .2 | 341.4 | .1 | 80.2 | .3 |
| 04:00 | .1 | 155.9 | .9 | 290.6 | .3 | 306.9 | .2 | 75.7 | .3 |
| 04:15 | .2 | 107.9 | .6 | 293.7 | .1 | 347.4 | .5 | 77.1 | .8 |
| 04:30 | .2 | 27.3 | .3 | 291.4 | .1 | 33.3 | .6 | 78.5 | 1.2 |
| 04:45 | .2 | 336.7 | .4 | 315.2 | .2 | 330.1 | .3 | 55.9 | .9 |
| 05:00 | .2 | 325.7 | .7 | 333.8 | .5 | 356.8 | .4 | 27.3 | .5 |
| 05:15 | .2 | 359.4 | 1.0 | 344.0 | .8 | 350.2 | .4 | 14.5 | .3 |
| 05:30 | .1 | 5.8 | .8 | 349.9 | .8 | 353.3 | .3 | 32.2 | .3 |
| 05:45 | .1 | 296.9 | .2 | 357.7 | .6 | 354.2 | .3 | 33.4 | .3 |
| 06:00 | .1 | 289.1 | .7 | 295.4 | .8 | 323.4 | .5 | 335.4 | .4 |
| 06:15 | .2 | 307.2 | 1.1 | 296.2 | 1.1 | 314.6 | .6 | 322.1 | .2 |
| 06:30 | .1 | 312.9 | .7 | 313.3 | 1.2 | 311.5 | .6 | 319.7 | .6 |
| 06:45 | .2 | 302.4 | .7 | 313.2 | 1.7 | 308.9 | 1.2 | 306.1 | .7 |
| 07:00 | .2 | 283.6 | .5 | 318.0 | 1.7 | 301.8 | 1.9 | 299.8 | .6 |
| 07:15 | .3 | 277.7 | .4 | 330.2 | 1.4 | 298.4 | 2.2 | 302.4 | .9 |
| 07:30 | .4 | 251.3 | .3 | 313.2 | 1.2 | 304.8 | 1.9 | 305.4 | .9 |
| 07:45 | .4 | 249.9 | .2 | 285.7 | .8 | 297.3 | 1.5 | 288.9 | .9 |
| 08:00 | .4 | 265.0 | .3 | 303.5 | .4 | 304.0 | 1.3 | 278.3 | 1.2 |
| 08:15 | .4 | 263.9 | .4 | 309.1 | .4 | 341.4 | .7 | 287.3 | 1.4 |
| 08:30 | .3 | 259.9 | .5 | 311.2 | .3 | 345.3 | .3 | 277.7 | .9 |
| 08:45 | .3 | 251.5 | .5 | 320.5 | .3 | 329.7 | .7 | 297.3 | 1.0 |
| 09:00 | .1 | 55.7 | .5 | 322.3 | .6 | 332.6 | 1.0 | 313.2 | 1.2 |
| 09:15 | .1 | 337.7 | .6 | 317.3 | .5 | 325.7 | 1.1 | 303.5 | .9 |
| 09:30 | .1 | 301.9 | .8 | 302.1 | 1.3 | 282.5 | 1.5 | 284.9 | .5 |
| 09:45 | .3 | 277.8 | .5 | 304.4 | 1.4 | 286.9 | 1.3 | 294.8 | .1 |
| 10:00 | .3 | 286.5 | .2 | 346.0 | .4 | 307.7 | .7 | 319.3 | .3 |
| 10:15 | .3 | 44.3 | .2 | 16.7 | .1 | 286.6 | .4 | 313.9 | .4 |
| 10:30 | .1 | 165.5 | .5 | 46.6 | .0 | 83.1 | .3 | 285.4 | .3 |
| 10:45 | .2 | 249.4 | .2 | 54.5 | .1 | 80.4 | .2 | 11.6 | .3 |
| 11:00 | .3 | 261.0 | .1 | 257.3 | .1 | 222.5 | .2 | 339.8 | .2 |
| 11:15 | .4 | 266.7 | .2 | 265.9 | .3 | 297.9 | .4 | 314.6 | .3 |
| 11:30 | .4 | 152.8 | .3 | 247.0 | .4 | 317.2 | .5 | 335.5 | .4 |
| 11:45 | .1 | 50.2 | .3 | 188.5 | .2 | 223.0 | .2 | 4.7 | .1 |
| 12:00 | .2 | 39.1 | .1 | 54.5 | .3 | 135.0 | .6 | 74.1 | .2 |
| 12:15 | .4 | 348.0 | .5 | 356.1 | .5 | 42.9 | .7 | 41.4 | .3 |

Daily Summary Report

Site: ORNL Sodar

8/11/2018

Interval: 015m

| | 13_WDir240m | 14_WS300m | 15_WDir300m | 16_WS400m | 17_WDir400m | 18_WS500m | 19_WDir500m | 20_WS600m | 21_WDir600m |
|-------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| Hour | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 00:00 | 312.2 | .5 | 279.8 | .7 | 307.6 | | | | |
| 00:15 | 297.3 | .5 | 276.9 | 1.0 | 306.3 | | | | |
| 00:30 | 291.4 | .4 | 251.7 | .7 | 298.0 | | | | |
| 00:45 | 267.5 | .3 | 280.1 | .6 | 306.5 | | | | |
| 01:00 | 234.2 | .2 | 238.5 | .3 | 341.5 | | | | |
| 01:15 | 232.7 | .4 | 201.9 | .2 | 220.0 | .3 | 335.7 | | |
| 01:30 | 281.2 | .4 | 255.5 | .6 | 251.8 | .3 | 337.3 | | |
| 01:45 | 232.0 | .5 | 266.6 | .3 | 245.2 | | | | |
| 02:00 | 299.2 | .4 | 278.3 | .1 | 295.8 | | | | |
| 02:15 | 94.5 | .3 | 118.2 | .6 | 117.4 | .4 | 133.1 | | |
| 02:30 | 124.6 | 1.1 | 113.4 | .8 | 121.7 | .6 | 95.2 | | |
| 02:45 | 122.3 | 1.0 | 99.6 | .6 | 121.0 | .9 | 97.0 | | |
| 03:00 | 139.0 | .8 | 99.1 | .7 | 95.5 | 1.0 | 99.0 | | |
| 03:15 | 188.8 | .4 | 118.9 | .5 | 66.6 | | | | |
| 03:30 | 122.9 | .7 | 99.0 | .4 | 135.3 | .6 | 251.4 | | |
| 03:45 | 126.5 | .9 | 84.0 | 1.2 | 132.9 | 1.1 | 105.8 | | |
| 04:00 | 40.6 | .6 | 75.5 | 1.0 | 90.8 | 2.3 | 80.1 | | |
| 04:15 | 71.8 | .6 | 79.4 | 1.0 | 63.7 | 2.8 | 85.0 | | |
| 04:30 | 84.0 | .6 | 73.7 | 1.4 | 55.0 | 3.3 | 89.6 | | |
| 04:45 | 79.9 | .5 | 56.4 | .5 | 63.9 | 1.3 | 95.4 | | |
| 05:00 | 65.8 | .5 | 48.0 | .2 | 166.1 | 1.2 | 100.0 | | |
| 05:15 | 60.6 | .1 | 98.8 | 1.1 | 67.8 | 1.1 | 105.0 | | |
| 05:30 | 132.2 | .4 | 195.3 | 1.6 | 80.5 | 1.0 | 109.6 | | |
| 05:45 | 138.6 | .3 | 171.6 | .6 | 103.4 | | | | |
| 06:00 | 124.4 | .3 | 116.8 | .5 | 246.7 | | | | |
| 06:15 | 152.4 | .4 | 119.1 | .2 | 356.7 | | | | |
| 06:30 | 284.5 | .1 | 243.8 | .8 | 320.0 | | | | |
| 06:45 | 289.6 | .3 | 289.3 | 1.0 | 291.8 | | | | |
| 07:00 | 321.3 | .4 | 321.6 | .7 | 292.0 | | | | |
| 07:15 | 321.9 | .2 | 312.5 | .5 | 293.0 | | | | |
| 07:30 | 307.7 | .2 | 226.1 | .3 | 293.5 | | | | |
| 07:45 | 277.8 | .3 | 224.0 | .4 | 213.0 | .5 | 334.2 | | |
| 08:00 | 266.8 | .4 | 227.8 | .6 | 157.3 | | | | |
| 08:15 | 268.4 | .7 | 249.1 | .2 | 158.2 | 1.0 | 172.9 | | |
| 08:30 | 269.9 | .7 | 265.5 | .9 | 309.8 | 1.1 | 174.7 | | |
| 08:45 | 274.9 | .6 | 264.1 | .8 | 347.2 | | | | |
| 09:00 | 282.0 | .8 | 260.5 | .4 | 44.5 | | | | |
| 09:15 | 301.0 | .4 | 276.3 | .4 | 340.7 | | | | |
| 09:30 | 320.3 | .2 | 281.1 | .9 | 320.3 | | | | |
| 09:45 | 322.7 | .2 | 252.3 | .4 | 312.5 | | | | |
| 10:00 | 254.5 | .3 | 186.7 | .7 | 87.7 | | | | |
| 10:15 | 286.5 | .1 | 168.4 | | | | | | |
| 10:30 | 314.9 | .3 | 314.4 | | | | | | |
| 10:45 | 329.2 | .3 | 299.6 | | | | | | |
| 11:00 | 303.5 | .1 | 328.1 | 1.0 | 355.9 | 1.3 | 347.4 | | |
| 11:15 | 277.1 | .3 | 322.1 | .6 | 306.7 | .7 | 305.0 | .9 | 348.8 |
| 11:30 | 304.6 | .3 | 282.7 | 1.0 | 271.4 | 2.9 | 244.0 | | |
| 11:45 | 309.2 | .2 | 215.8 | 1.1 | 316.0 | | | | |
| 12:00 | 47.6 | .2 | 236.8 | .8 | 356.7 | | | | |
| 12:15 | 2.9 | .1 | 30.5 | .5 | 6.1 | 1.2 | 6.2 | | |

Daily Summary Report

Site: ORNL Sodar

8/11/2018

Interval: 015m

| | 22_WS700m | 23_WDir700m | 24_WS800m | 25_WDir800m | 26_WS900m | 27_WDir900m |
|-------|-----------|-------------|-----------|-------------|-----------|-------------|
| Hour | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 00:00 | | | | | | |
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| | 22_WS700m | 23_WDir700m | 24_WS800m | 25_WDir800m | 26_WS900m | 27_WDir900m |
|------------|-----------|-------------|-----------|-------------|-----------|-------------|
| Hour | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 12:30 | | | | | | |
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| Min | | | | | | |
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