

Daily Summary Report

Site: ORNL Sodar

8/29/2018

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 | .1 | 47.2 | .6 | 214.7 | 1.1 | 216.6 | 1.1 | 218.9 | .2 |
| 00:15 | .1 | 138.0 | .2 | 158.6 | .9 | 217.6 | 1.7 | 211.0 | .4 |
| 00:30 | .1 | 194.4 | .7 | 143.1 | .9 | 193.5 | 1.6 | 206.7 | .7 |
| 00:45 | .2 | 208.4 | .8 | 162.9 | 1.0 | 189.3 | 1.6 | 205.0 | .7 |
| 01:00 | .2 | 153.8 | .8 | 168.6 | 1.2 | 188.3 | 1.9 | 198.5 | 1.1 |
| 01:15 | .1 | 45.2 | .8 | 173.9 | 1.4 | 188.2 | 2.1 | 191.7 | 2.7 |
| 01:30 | .0 | 289.8 | .8 | 198.3 | 1.4 | 194.4 | 2.0 | 200.4 | 2.9 |
| 01:45 | .2 | 243.0 | .7 | 207.1 | 1.2 | 206.0 | 1.5 | 219.6 | 2.0 |
| 02:00 | .2 | 224.5 | .4 | 209.8 | 1.2 | 210.9 | 1.3 | 223.7 | 1.6 |
| 02:15 | .1 | 254.6 | .4 | 206.8 | .9 | 213.7 | .9 | 217.6 | 1.0 |
| 02:30 | .2 | 202.9 | .7 | 185.0 | .6 | 226.8 | .6 | 219.4 | .5 |
| 02:45 | .5 | 150.3 | .5 | 156.1 | .5 | 233.2 | .7 | 233.2 | .4 |
| 03:00 | .1 | 62.8 | .3 | 91.5 | .4 | 223.7 | .6 | 226.1 | .4 |
| 03:15 | .2 | 72.7 | .4 | 95.4 | .3 | 209.0 | .5 | 219.0 | .6 |
| 03:30 | .2 | 92.7 | .4 | 101.1 | .3 | 196.7 | .3 | 231.2 | .5 |
| 03:45 | .1 | 310.2 | .6 | 155.0 | .5 | 209.8 | .5 | 209.8 | .2 |
| 04:00 | .2 | 342.1 | .7 | 134.6 | .7 | 235.0 | .8 | 226.8 | .3 |
| 04:15 | .1 | 233.1 | .6 | 135.0 | .8 | 243.8 | .8 | 239.1 | .5 |
| 04:30 | .1 | 283.7 | 1.1 | 174.5 | .6 | 236.4 | .6 | 215.9 | .5 |
| 04:45 | .1 | 339.0 | 1.2 | 180.1 | .5 | 203.3 | .5 | 185.5 | .6 |
| 05:00 | .1 | 85.6 | .7 | 177.5 | 1.0 | 187.9 | .5 | 178.7 | .9 |
| 05:15 | .1 | 8.3 | .4 | 147.1 | 1.0 | 180.2 | .6 | 185.0 | 1.5 |
| 05:30 | .1 | 348.1 | .6 | 149.1 | .8 | 191.2 | 1.2 | 203.6 | 3.2 |
| 05:45 | .2 | 339.8 | .5 | 164.0 | .9 | 205.6 | 1.0 | 214.8 | 3.2 |
| 06:00 | .3 | 313.9 | .5 | 164.1 | .6 | 206.6 | .6 | 227.7 | 3.2 |
| 06:15 | .2 | 218.2 | .4 | 173.3 | .2 | 211.8 | .9 | 224.4 | 3.5 |
| 06:30 | .2 | 208.1 | .1 | 160.4 | .2 | 132.3 | .4 | 228.3 | 2.1 |
| 06:45 | .2 | 329.4 | .2 | 133.9 | .3 | 157.8 | .6 | 218.6 | 2.3 |
| 07:00 | .1 | 293.4 | .4 | 162.1 | .6 | 194.2 | 1.2 | 217.3 | 2.8 |
| 07:15 | .3 | 216.1 | .6 | 168.8 | .6 | 181.5 | 1.0 | 210.3 | 1.9 |
| 07:30 | .3 | 269.9 | .5 | 177.5 | .4 | 148.6 | .6 | 182.7 | 1.1 |
| 07:45 | .1 | 308.4 | .5 | 181.1 | .3 | 128.0 | .4 | 164.0 | .5 |
| 08:00 | .2 | 248.9 | .3 | 155.8 | .3 | 165.1 | .2 | 241.1 | .0 |
| 08:15 | .2 | 97.7 | .3 | 99.2 | .6 | 177.4 | .3 | 228.6 | .3 |
| 08:30 | .0 | 73.2 | .3 | 153.6 | .8 | 176.5 | .7 | 194.0 | .8 |
| 08:45 | .1 | 85.6 | .2 | 222.3 | .9 | 181.9 | .8 | 207.4 | .9 |
| 09:00 | .2 | 96.5 | .2 | 312.0 | .6 | 212.1 | .6 | 217.9 | .5 |
| 09:15 | .3 | 155.2 | .2 | 221.9 | .7 | 238.3 | .5 | 237.1 | 1.1 |
| 09:30 | .3 | 207.8 | .7 | 236.1 | 1.0 | 251.2 | 1.3 | 256.3 | 2.2 |
| 09:45 | .3 | 236.2 | 1.1 | 244.2 | 1.6 | 248.5 | 2.0 | 258.1 | 3.2 |
| 10:00 | .9 | 237.1 | 1.7 | 238.8 | 2.5 | 230.2 | 3.1 | 243.9 | 4.0 |
| 10:15 | 1.5 | 243.2 | 2.6 | 237.2 | 3.3 | 226.6 | 3.8 | 226.4 | 4.5 |
| 10:30 | 1.9 | 242.0 | 3.1 | 243.4 | 3.1 | 237.8 | 3.5 | 228.4 | 4.1 |
| 10:45 | 1.6 | 243.8 | 2.6 | 234.4 | 2.2 | 235.2 | 2.6 | 234.5 | 2.7 |
| 11:00 | .9 | 230.4 | 1.5 | 219.6 | 1.5 | 218.7 | 1.6 | 221.5 | 1.5 |
| 11:15 | .7 | 207.8 | 1.6 | 242.7 | 1.9 | 230.1 | 1.4 | 229.3 | 1.3 |
| 11:30 | .5 | 188.3 | 1.4 | 230.5 | 1.5 | 237.7 | 1.2 | 251.0 | .8 |
| 11:45 | .3 | 255.9 | 1.1 | 200.7 | 1.0 | 235.2 | 1.3 | 248.4 | 1.3 |
| 12:00 | 2.1 | 249.0 | 2.5 | 233.4 | 2.6 | 228.0 | 2.8 | 227.9 | 2.7 |
| 12:15 | 4.4 | 238.0 | 5.0 | 227.4 | 5.1 | 230.2 | 4.8 | 227.5 | 4.3 |

Daily Summary Report

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8/29/2018

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 | 195.3 | .3 | 260.6 | .4 | 351.7 | 1.8 | 232.4 | | |
| 00:15 | 196.1 | .1 | 208.1 | .4 | 7.1 | | | | |
| 00:30 | 210.4 | .2 | 232.7 | .2 | 30.2 | | | | |
| 00:45 | 229.8 | .2 | 269.2 | .1 | 295.4 | | | | |
| 01:00 | 230.0 | .7 | 225.7 | .4 | 260.1 | | | | |
| 01:15 | 209.1 | 1.7 | 210.8 | .6 | 217.9 | | | | |
| 01:30 | 211.7 | 2.2 | 209.5 | .6 | 210.0 | | | | |
| 01:45 | 221.6 | 1.5 | 227.2 | .2 | 227.1 | | | | |
| 02:00 | 221.2 | 1.1 | 245.4 | .3 | 212.6 | | | | |
| 02:15 | 234.7 | 1.4 | 239.1 | 2.9 | 270.0 | | | | |
| 02:30 | 244.6 | 1.2 | 225.0 | 2.9 | 250.0 | | | | |
| 02:45 | 240.0 | .7 | 226.5 | 2.9 | 237.3 | | | | |
| 03:00 | 264.1 | .9 | 232.8 | 2.3 | 256.9 | | | | |
| 03:15 | 253.8 | 1.1 | 223.8 | 2.3 | 260.6 | | | | |
| 03:30 | 226.6 | .7 | 244.3 | 1.4 | 200.4 | | | | |
| 03:45 | 213.9 | .6 | 269.7 | 1.4 | 200.2 | | | | |
| 04:00 | 227.6 | .4 | 240.4 | 1.2 | 186.8 | | | | |
| 04:15 | 218.8 | .6 | 223.9 | .5 | 235.0 | | | | |
| 04:30 | 215.8 | 1.0 | 254.4 | 1.0 | 245.7 | 1.0 | 189.4 | | |
| 04:45 | 199.9 | .7 | 232.5 | 1.3 | 208.0 | | | | |
| 05:00 | 212.7 | 1.3 | 192.7 | .7 | 204.5 | | | | |
| 05:15 | 214.7 | 1.2 | 203.8 | .4 | 258.1 | | | | |
| 05:30 | 205.8 | 1.6 | 198.4 | .5 | 344.7 | | | | |
| 05:45 | 206.5 | 1.9 | 197.1 | .4 | 234.0 | | | | |
| 06:00 | 200.5 | 1.6 | 245.1 | | | | | | |
| 06:15 | 206.5 | 2.1 | 242.0 | | | | | | |
| 06:30 | 218.3 | 1.7 | 246.5 | | | | | | |
| 06:45 | 211.0 | 1.4 | 245.0 | | | | | | |
| 07:00 | 208.1 | 1.0 | 214.7 | | | | | | |
| 07:15 | 195.8 | 1.2 | 199.0 | | | | | | |
| 07:30 | 192.9 | 1.5 | 231.0 | | | | | | |
| 07:45 | 183.4 | 1.1 | 245.7 | | | | | | |
| 08:00 | 284.0 | 1.1 | 235.2 | | | | | | |
| 08:15 | 251.8 | 1.7 | 252.0 | | | | | | |
| 08:30 | 233.1 | 2.0 | 246.0 | | | | | | |
| 08:45 | 230.7 | 2.3 | 238.0 | | | | | | |
| 09:00 | 245.0 | 2.5 | 232.1 | | | | | | |
| 09:15 | 254.5 | 3.1 | 243.9 | | | | | | |
| 09:30 | 250.5 | 4.2 | 242.8 | | | | | | |
| 09:45 | 249.0 | 5.7 | 241.7 | | | | | | |
| 10:00 | 242.0 | 5.9 | 233.5 | 8.7 | 232.1 | 8.3 | 250.7 | | |
| 10:15 | 225.6 | 5.7 | 228.0 | 8.1 | 228.3 | 8.0 | 251.0 | | |
| 10:30 | 228.5 | 5.6 | 238.3 | 7.1 | 237.0 | 8.0 | 252.0 | | |
| 10:45 | 239.8 | 4.5 | 253.3 | 5.9 | 239.4 | 7.7 | 252.3 | | |
| 11:00 | 241.0 | 2.3 | 232.9 | 3.6 | 240.2 | | | 8.4 | 275.9 |
| 11:15 | 237.8 | 2.5 | 227.7 | 4.0 | 247.0 | | | | |
| 11:30 | 243.3 | 1.3 | 244.9 | 4.0 | 255.0 | | | | |
| 11:45 | 238.4 | 1.3 | 220.9 | 4.5 | 261.2 | | | | |
| 12:00 | 228.5 | 3.2 | 233.0 | 4.2 | 248.1 | | | | |
| 12:15 | 232.2 | 4.7 | 238.1 | 4.9 | 237.0 | | | | |

Daily Summary Report

Site: ORNL Sodar

8/29/2018

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 | | | | | | |
| 00:15 | | | | | | |
| 00:30 | | | | | | |
| 00:45 | | | | | | |
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| 02:45 | | | | | | |
| 03:00 | | | | | | |
| 03:15 | | | | | | |
| 03:30 | | | | | | |
| 03:45 | | | | | | |
| 04:00 | | | | | | |
| 04:15 | | | | | | |
| 04:30 | | | | | | |
| 04:45 | | | | | | |
| 05:00 | | | | | | |
| 05:15 | | | | | | |
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| 05:45 | | | | | | |
| 06:00 | | | | | | |
| 06:15 | | | | | | |
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| 11:45 | | | | | | |
| 12:00 | | | | | | |
| 12:15 | | | | | | |

| | 22_WS700m | 23_WDir700m | 24_WS800m | 25_WDir800m | 26_WS900m | 27_WDir900m |
|------------|-----------|-------------|-----------|-------------|-----------|-------------|
| Hour | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 12:30 | | | | | | |
| 12:45 | | | | | | |
| 13:00 | | | | | | |
| 13:15 | | | | | | |
| 13:30 | | | | | | |
| 13:45 | | | | | | |
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| 14:45 | | | | | | |
| 15:00 | | | | | | |
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| 16:45 | | | | | | |
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| 21:00 | | | | | | |
| 21:15 | | | | | | |
| 21:30 | | | | | | |
| 21:45 | | | | | | |
| 22:00 | | | | | | |
| 22:15 | | | | | | |
| 22:30 | | | | | | |
| 22:45 | | | | | | |
| 23:00 | | | | | | |
| 23:15 | | | | | | |
| 23:30 | | | | | | |
| 23:45 | | | | | | |
| Avg | | | | | | |
| Max | | | | | | |
| Hr. of Max | | | | | | |
| Min | | | | | | |
| Count | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | | |