

Daily Summary Report

Site: ORNL Sodar

5/25/2018

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 | 246.8 | .5 | 223.8 | .9 | 192.8 | 1.4 | 178.1 | 2.5 |
| 00:15 | .3 | 247.7 | .4 | 256.4 | .5 | 222.7 | .6 | 194.2 | .9 |
| 00:30 | .5 | 187.1 | .3 | 285.5 | .3 | 268.2 | .4 | 232.3 | .1 |
| 00:45 | .4 | 188.2 | .2 | 348.6 | .2 | 308.0 | .3 | 276.6 | .1 |
| 01:00 | .6 | 224.3 | .4 | 281.3 | .1 | 237.4 | .2 | 251.1 | .1 |
| 01:15 | .6 | 230.6 | .6 | 260.4 | .0 | 335.9 | .1 | 151.5 | .4 |
| 01:30 | .5 | 244.6 | .3 | 290.7 | .2 | 314.2 | .1 | 318.9 | .4 |
| 01:45 | .4 | 256.7 | .7 | 298.2 | .3 | 307.8 | .3 | 320.1 | .3 |
| 02:00 | .1 | 251.6 | .6 | 295.4 | .3 | 318.4 | .3 | 342.1 | .3 |
| 02:15 | .2 | 220.0 | .5 | 326.3 | .3 | 320.3 | .2 | 327.1 | .1 |
| 02:30 | .4 | 235.1 | .6 | 286.6 | .3 | 284.8 | .2 | 310.6 | .2 |
| 02:45 | .6 | 251.5 | 1.1 | 259.7 | .6 | 262.8 | .2 | 264.9 | .2 |
| 03:00 | 1.0 | 258.3 | 2.2 | 248.8 | 1.2 | 245.7 | .7 | 224.0 | .3 |
| 03:15 | 1.0 | 253.4 | 1.8 | 234.8 | 1.3 | 237.9 | 1.0 | 214.3 | .4 |
| 03:30 | 1.0 | 233.8 | .8 | 218.8 | .7 | 229.8 | .6 | 211.1 | .4 |
| 03:45 | .9 | 229.0 | .6 | 230.8 | .6 | 225.6 | .6 | 219.0 | .8 |
| 04:00 | .5 | 222.2 | .3 | 221.8 | .5 | 234.6 | .9 | 226.0 | 1.2 |
| 04:15 | .4 | 216.4 | .9 | 205.3 | .6 | 223.0 | 1.1 | 228.6 | 1.0 |
| 04:30 | .3 | 218.0 | 1.3 | 198.4 | 1.1 | 209.0 | 1.1 | 221.2 | .5 |
| 04:45 | .2 | 142.8 | 1.1 | 183.0 | .8 | 197.1 | .6 | 196.6 | .3 |
| 05:00 | .2 | 208.1 | 1.1 | 183.3 | .3 | 209.8 | .1 | 188.1 | .2 |
| 05:15 | .2 | 237.3 | 1.4 | 191.4 | .7 | 208.1 | .3 | 225.0 | .2 |
| 05:30 | .3 | 187.7 | 1.6 | 196.4 | 1.1 | 191.1 | .8 | 196.7 | .8 |
| 05:45 | .4 | 197.1 | 1.7 | 196.6 | 1.1 | 184.7 | .9 | 192.7 | .9 |
| 06:00 | .7 | 230.3 | 1.7 | 203.5 | 1.0 | 196.4 | .5 | 217.6 | .6 |
| 06:15 | .9 | 226.8 | 2.0 | 212.8 | .8 | 225.1 | .6 | 246.3 | .4 |
| 06:30 | .7 | 220.9 | 2.5 | 210.3 | 1.0 | 221.7 | .6 | 236.4 | .5 |
| 06:45 | .5 | 226.0 | 2.0 | 211.8 | .8 | 213.8 | .4 | 218.9 | .4 |
| 07:00 | .5 | 225.3 | 1.1 | 211.0 | .4 | 209.5 | .7 | 211.2 | .1 |
| 07:15 | .4 | 244.9 | .8 | 202.4 | .6 | 222.5 | .7 | 214.5 | .1 |
| 07:30 | .3 | 286.5 | .9 | 213.0 | .6 | 230.8 | .4 | 213.3 | .2 |
| 07:45 | .2 | 275.9 | .9 | 233.1 | .3 | 246.8 | .3 | 185.1 | .1 |
| 08:00 | .2 | 182.2 | .8 | 251.0 | .1 | 263.1 | .3 | 179.3 | .1 |
| 08:15 | .3 | 157.2 | .9 | 258.4 | .1 | 211.0 | .2 | 207.6 | .1 |
| 08:30 | .4 | 207.3 | .7 | 259.2 | .6 | 240.7 | .2 | 218.9 | .7 |
| 08:45 | .4 | 221.6 | .5 | 211.0 | .9 | 235.7 | .6 | 236.5 | 1.0 |
| 09:00 | .3 | 196.7 | .6 | 205.4 | .7 | 216.8 | .8 | 231.0 | .7 |
| 09:15 | .2 | 218.2 | .7 | 245.2 | .7 | 235.3 | .7 | 237.0 | .8 |
| 09:30 | .7 | 256.5 | 1.4 | 264.0 | 1.1 | 258.3 | .9 | 263.9 | 1.0 |
| 09:45 | .9 | 245.6 | 1.8 | 256.2 | 1.7 | 252.7 | 1.5 | 253.2 | 1.1 |
| 10:00 | .5 | 226.9 | 1.0 | 224.1 | 1.5 | 222.1 | 1.4 | 221.6 | 1.3 |
| 10:15 | .6 | 236.2 | .8 | 200.1 | 1.1 | 201.8 | .8 | 191.7 | .7 |
| 10:30 | .9 | 229.8 | 1.5 | 221.9 | 1.0 | 239.1 | .7 | 242.8 | .5 |
| 10:45 | .7 | 220.3 | 1.4 | 236.2 | 1.1 | 258.2 | 1.5 | 265.5 | .7 |
| 11:00 | .7 | 225.4 | 1.3 | 241.4 | 1.0 | 230.8 | 1.5 | 242.1 | 1.4 |
| 11:15 | 1.0 | 240.7 | 1.8 | 232.1 | 1.5 | 220.4 | 1.8 | 215.1 | 2.1 |
| 11:30 | 1.3 | 254.9 | 2.1 | 235.3 | 1.8 | 229.6 | 1.5 | 215.4 | 1.4 |
| 11:45 | 1.5 | 238.8 | 1.7 | 223.0 | 1.4 | 210.5 | 1.1 | 205.6 | 1.0 |
| 12:00 | 1.5 | 239.9 | 1.0 | 222.4 | 1.1 | 218.7 | 1.1 | 214.7 | .9 |
| 12:15 | 1.1 | 255.6 | 1.3 | 230.6 | 1.2 | 229.4 | 1.4 | 214.6 | 1.1 |

Daily Summary Report

Site: ORNL Sodar

5/25/2018

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 | 169.0 | 5.1 | 172.8 | 8.2 | 171.3 | 9.7 | 169.9 | | |
| 00:15 | 174.5 | 2.3 | 174.9 | 8.6 | 177.4 | 7.9 | 175.0 | | |
| 00:30 | 205.7 | .3 | 171.1 | 3.0 | 175.0 | 5.5 | 179.0 | | |
| 00:45 | 65.5 | .1 | 33.9 | 2.6 | 180.0 | 5.5 | 181.0 | | |
| 01:00 | 195.2 | .2 | 208.8 | 2.2 | 186.0 | 5.5 | 184.0 | | |
| 01:15 | 222.6 | .9 | 203.6 | 1.8 | 192.5 | 5.5 | 186.0 | | |
| 01:30 | 228.5 | .8 | 222.0 | 2.8 | 198.7 | 5.6 | 188.3 | | |
| 01:45 | 259.6 | .5 | 291.2 | 3.7 | 192.0 | 5.6 | 187.6 | | |
| 02:00 | 261.1 | .5 | 326.5 | 2.0 | 200.0 | | | | |
| 02:15 | 332.8 | .4 | 317.2 | .8 | 211.0 | | | | |
| 02:30 | 333.6 | .2 | 354.3 | | | | | | |
| 02:45 | 303.9 | .1 | 134.5 | | | | | | |
| 03:00 | 218.7 | .5 | 229.6 | | | | | | |
| 03:15 | 231.2 | .6 | 241.5 | | | | | | |
| 03:30 | 252.0 | .7 | 247.9 | | | | | | |
| 03:45 | 236.6 | .8 | 242.7 | | | | | | |
| 04:00 | 235.6 | .8 | 235.5 | | | | | | |
| 04:15 | 236.4 | .7 | 247.5 | | | | | | |
| 04:30 | 225.9 | .2 | 250.9 | | | | | | |
| 04:45 | 262.1 | .1 | 275.4 | | | | | | |
| 05:00 | 287.0 | .3 | 272.9 | | | | | | |
| 05:15 | 235.3 | .4 | 242.3 | | | | | | |
| 05:30 | 240.6 | .3 | 204.4 | | | | | | |
| 05:45 | 258.1 | .3 | 175.6 | | | | | | |
| 06:00 | 273.1 | .1 | 180.4 | | | | | | |
| 06:15 | 290.6 | .3 | 305.2 | | | | | | |
| 06:30 | 300.3 | .2 | 296.4 | | | | | | |
| 06:45 | 301.3 | .1 | 249.1 | | | | | | |
| 07:00 | 26.1 | .3 | 201.5 | | | | | | |
| 07:15 | 219.4 | .2 | 153.5 | | | | | | |
| 07:30 | 232.6 | .6 | 124.0 | | | | | | |
| 07:45 | 160.0 | .1 | 106.1 | | | | | | |
| 08:00 | 243.3 | .2 | 254.8 | | | | | | |
| 08:15 | 140.4 | 1.0 | 168.0 | | | | | | |
| 08:30 | 222.2 | 3.4 | 228.7 | | | | | | |
| 08:45 | 235.1 | 3.2 | 237.8 | | | | | | |
| 09:00 | 245.5 | 1.9 | 253.2 | | | | | | |
| 09:15 | 246.8 | 2.0 | 244.8 | | | | | | |
| 09:30 | 255.9 | 1.2 | 246.5 | | | | | | |
| 09:45 | 251.5 | .8 | 264.1 | | | | | | |
| 10:00 | 204.7 | 1.0 | 242.5 | | | | | | |
| 10:15 | 190.0 | .5 | 255.3 | | | | | | |
| 10:30 | 226.7 | .3 | 294.0 | .7 | 345.3 | | | | |
| 10:45 | 262.3 | .8 | 238.4 | 1.0 | 270.0 | | | | |
| 11:00 | 220.9 | 1.3 | 205.5 | 1.2 | 215.8 | | | | |
| 11:15 | 204.6 | 1.6 | 205.2 | 1.1 | 179.7 | | | | |
| 11:30 | 204.6 | 1.3 | 221.4 | 1.1 | 189.0 | | | | |
| 11:45 | 195.1 | 1.3 | 201.6 | 1.2 | 199.9 | | | | |
| 12:00 | 224.3 | 1.2 | 201.0 | 1.9 | 245.5 | | | | |
| 12:15 | 233.7 | .6 | 230.9 | 1.3 | 249.0 | | | | |

Daily Summary Report

Site: ORNL Sodar

5/25/2018

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 | | | | | | |
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| 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 | | | | | | |
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| Min | | | | | | |
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| Total | | | | | | |