

Daily Summary Report

Site: ORNL Sodar

7/27/2018

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 | .4 | 263.0 | .3 | 284.8 | .7 | 337.5 | .5 | 340.1 | .1 |
| 00:15 | .2 | 299.4 | .2 | 216.5 | .4 | 353.8 | .8 | 358.2 | .2 |
| 00:30 | .2 | 39.1 | .2 | 206.1 | .3 | 352.7 | 1.2 | 6.0 | .4 |
| 00:45 | .3 | 31.6 | .1 | 34.2 | .3 | 3.1 | .5 | 11.6 | .5 |
| 01:00 | .4 | 347.3 | .8 | 284.8 | .4 | 336.5 | .4 | 338.9 | .8 |
| 01:15 | .3 | 337.3 | 1.8 | 273.8 | .7 | 301.3 | .8 | 317.3 | 1.1 |
| 01:30 | .1 | 351.4 | 1.5 | 272.3 | .6 | 295.1 | .8 | 314.1 | .7 |
| 01:45 | .2 | 264.8 | 1.3 | 275.1 | .5 | 292.4 | .8 | 297.0 | .3 |
| 02:00 | .3 | 242.1 | 1.5 | 277.3 | .8 | 283.5 | .7 | 276.1 | .4 |
| 02:15 | .2 | 229.3 | 1.3 | 272.9 | .7 | 280.1 | .4 | 287.1 | .4 |
| 02:30 | .1 | 252.9 | 1.1 | 263.7 | .7 | 266.5 | .4 | 268.5 | .1 |
| 02:45 | .2 | 163.9 | 1.0 | 252.4 | .8 | 264.2 | .6 | 257.2 | .2 |
| 03:00 | .2 | 147.9 | 1.0 | 246.6 | 1.1 | 263.2 | 1.0 | 273.5 | .7 |
| 03:15 | .1 | 66.2 | .5 | 241.1 | 1.1 | 256.8 | 1.0 | 275.4 | .9 |
| 03:30 | .2 | 65.1 | .4 | 202.6 | .5 | 228.0 | .5 | 258.0 | .6 |
| 03:45 | .1 | 40.8 | .3 | 190.2 | .3 | 174.5 | .5 | 217.4 | .2 |
| 04:00 | .2 | 327.1 | .1 | 190.4 | .1 | 209.5 | .5 | 214.9 | .7 |
| 04:15 | .4 | 296.1 | .2 | 302.2 | .3 | 268.9 | .4 | 269.4 | .6 |
| 04:30 | .5 | 292.9 | .4 | 324.3 | .5 | 284.1 | .8 | 294.5 | .5 |
| 04:45 | .3 | 314.8 | .4 | 350.7 | 1.1 | 305.7 | 1.8 | 310.3 | .3 |
| 05:00 | .3 | 333.8 | .5 | 7.2 | 1.9 | 318.8 | 2.7 | 319.2 | 1.3 |
| 05:15 | .2 | 330.4 | .5 | 345.3 | 1.7 | 319.5 | 2.6 | 318.1 | 1.3 |
| 05:30 | .2 | 289.8 | .3 | 1.0 | .9 | 313.3 | 2.1 | 317.8 | .8 |
| 05:45 | .2 | 294.8 | .3 | 52.5 | .5 | 330.6 | 1.7 | 326.3 | 1.2 |
| 06:00 | .3 | 300.5 | .3 | 3.3 | .4 | 10.3 | 1.1 | 319.4 | 1.2 |
| 06:15 | .3 | 307.1 | .3 | 320.2 | .3 | 73.6 | .3 | 261.6 | .9 |
| 06:30 | .2 | 331.4 | .2 | 328.0 | .4 | 113.4 | .5 | 148.7 | .5 |
| 06:45 | .3 | 21.9 | .1 | 5.6 | .6 | 94.9 | .6 | 115.2 | .1 |
| 07:00 | .5 | 41.1 | .2 | 168.4 | .6 | 93.4 | .7 | 108.4 | .7 |
| 07:15 | .5 | 28.4 | .4 | 193.0 | .7 | 141.9 | 1.0 | 126.1 | 1.0 |
| 07:30 | .3 | 345.4 | .5 | 178.8 | .9 | 170.0 | 1.1 | 143.8 | .6 |
| 07:45 | .2 | 304.4 | .2 | 212.3 | .9 | 207.2 | 1.1 | 184.5 | .3 |
| 08:00 | .6 | 294.5 | 1.0 | 295.8 | 1.2 | 242.1 | 1.7 | 234.8 | .5 |
| 08:15 | .3 | 315.9 | 1.2 | 307.4 | 1.2 | 271.3 | 1.5 | 250.4 | .9 |
| 08:30 | .2 | 80.4 | .9 | 302.4 | 1.0 | 279.8 | .6 | 249.7 | 1.0 |
| 08:45 | .1 | 151.0 | .9 | 275.9 | .7 | 256.3 | .8 | 249.6 | 1.2 |
| 09:00 | .2 | 214.2 | .9 | 275.8 | .9 | 250.2 | .8 | 246.2 | 1.4 |
| 09:15 | .3 | 245.6 | .8 | 283.8 | 1.2 | 267.6 | .8 | 260.6 | 1.2 |
| 09:30 | .5 | 268.9 | .7 | 285.7 | 1.0 | 293.6 | 1.0 | 301.0 | 1.1 |
| 09:45 | .9 | 287.1 | 1.0 | 290.8 | .9 | 294.6 | 1.1 | 294.6 | 1.2 |
| 10:00 | .8 | 286.7 | 1.2 | 294.5 | 1.2 | 284.5 | 1.1 | 282.5 | 1.1 |
| 10:15 | .7 | 254.6 | .9 | 276.8 | .7 | 272.0 | .5 | 279.2 | .9 |
| 10:30 | .3 | 200.1 | .3 | 245.3 | .5 | 242.9 | .6 | 244.1 | .5 |
| 10:45 | .4 | 106.7 | .4 | 242.5 | .8 | 263.9 | .9 | 260.3 | .5 |
| 11:00 | .3 | 136.7 | .8 | 229.6 | .8 | 248.9 | .7 | 259.8 | .7 |
| 11:15 | .3 | 155.5 | .7 | 206.4 | .7 | 196.2 | .5 | 193.5 | .3 |
| 11:30 | .2 | 250.1 | .4 | 230.8 | .5 | 205.5 | .4 | 207.6 | .5 |
| 11:45 | .2 | 311.3 | .7 | 251.9 | .6 | 245.9 | .4 | 261.6 | .9 |
| 12:00 | .5 | 239.3 | 1.4 | 237.0 | .9 | 222.4 | .6 | 188.9 | .3 |
| 12:15 | .7 | 237.4 | 1.4 | 240.4 | 1.1 | 225.5 | .9 | 207.3 | .2 |

Daily Summary Report

Site: ORNL Sodar

7/27/2018

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 | 239.3 | .3 | 101.0 | .9 | 43.2 | | | | |
| 00:15 | 312.8 | .3 | 140.0 | 1.0 | 30.0 | | | | |
| 00:30 | 333.5 | .4 | 309.5 | 1.0 | 15.0 | | | | |
| 00:45 | 315.5 | .5 | 297.8 | 1.1 | 353.9 | | | | |
| 01:00 | 294.0 | 1.0 | 295.5 | | | | | | |
| 01:15 | 308.3 | .9 | 298.8 | | | | | | |
| 01:30 | 317.4 | .6 | 352.4 | | | | | | |
| 01:45 | 237.6 | .5 | 346.3 | | | | | | |
| 02:00 | 288.9 | .4 | 280.0 | | | | | | |
| 02:15 | 308.3 | .3 | 230.8 | | | | | | |
| 02:30 | 274.0 | .1 | 355.0 | | | | | | |
| 02:45 | 270.5 | .2 | 345.0 | | | | | | |
| 03:00 | 286.5 | .3 | 330.0 | | | | | | |
| 03:15 | 291.9 | .5 | 316.8 | | | | | | |
| 03:30 | 312.9 | .4 | 323.2 | | | | | | |
| 03:45 | 289.0 | .4 | 315.0 | | | | | | |
| 04:00 | 207.9 | .4 | 303.0 | | | | | | |
| 04:15 | 284.7 | .4 | 288.7 | | | | | | |
| 04:30 | 303.1 | .4 | 285.0 | | | | | | |
| 04:45 | 287.4 | .4 | 280.0 | | | | | | |
| 05:00 | 285.0 | .4 | 275.0 | | | | | | |
| 05:15 | 314.8 | .3 | 270.0 | | | | | | |
| 05:30 | 318.7 | .3 | 265.0 | | | | | | |
| 05:45 | 322.8 | .3 | 260.8 | | | | | | |
| 06:00 | 304.6 | | | | | | | | |
| 06:15 | 286.4 | | | | | | | | |
| 06:30 | 312.1 | | | | | | | | |
| 06:45 | 314.1 | | | | | | | | |
| 07:00 | 138.2 | .8 | 42.9 | | | | | | |
| 07:15 | 113.6 | 1.2 | 64.5 | | | | | | |
| 07:30 | 86.4 | 1.6 | 22.7 | | | | | | |
| 07:45 | 149.7 | .6 | 120.0 | | | | | | |
| 08:00 | 223.8 | 1.0 | 200.0 | | | | | | |
| 08:15 | 255.9 | 1.1 | 259.3 | | | | | | |
| 08:30 | 266.4 | 1.2 | 256.8 | | | | | | |
| 08:45 | 273.2 | .6 | 252.3 | | | | | | |
| 09:00 | 268.4 | .6 | 208.3 | | | | | | |
| 09:15 | 265.8 | .5 | 227.4 | | | | | | |
| 09:30 | 276.0 | .8 | 291.7 | | | | | | |
| 09:45 | 286.2 | 1.1 | 293.3 | | | | | | |
| 10:00 | 299.1 | 1.3 | 311.3 | | | | | | |
| 10:15 | 304.4 | 1.1 | 330.9 | | | | | | |
| 10:30 | 300.5 | .7 | 338.5 | | | | | | |
| 10:45 | 282.4 | .9 | 329.2 | | | | | | |
| 11:00 | 282.3 | 1.2 | 337.3 | 1.0 | 9.6 | | | | |
| 11:15 | 230.0 | .6 | 351.8 | .7 | 15.6 | | | | |
| 11:30 | 242.4 | .4 | 226.4 | .8 | 360.0 | | | | |
| 11:45 | 261.8 | .8 | 250.1 | .8 | 343.0 | | | | |
| 12:00 | 205.9 | .3 | 272.1 | 1.0 | 327.4 | | | | |
| 12:15 | 209.1 | .2 | 293.7 | 2.0 | 315.0 | | | | |

Daily Summary Report

Site: ORNL Sodar

7/27/2018

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 | | | | | | |
| 01:00 | | | | | | |
| 01:15 | | | | | | |
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| 01:45 | | | | | | |
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| 02:30 | | | | | | |
| 02:45 | | | | | | |
| 03:00 | | | | | | |
| 03:15 | | | | | | |
| 03:30 | | | | | | |
| 03:45 | | | | | | |
| 04:00 | | | | | | |
| 04:15 | | | | | | |
| 04:30 | | | | | | |
| 04:45 | | | | | | |
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| 06:45 | | | | | | |
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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 | | | | | | |
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| 14:30 | | | | | | |
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| 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 | | | | | | |