

Daily Summary Report

Site: ORNL Sodar

9/18/2018

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 | .3 | 229.8 | 1.3 | 277.1 | 2.2 | 278.5 | 1.9 | 271.4 | 1.4 |
| 00:15 | .4 | 221.7 | 1.9 | 282.8 | 2.1 | 281.4 | 1.6 | 268.8 | 1.4 |
| 00:30 | .4 | 224.2 | 1.8 | 287.0 | 1.9 | 285.5 | 2.1 | 283.6 | 2.3 |
| 00:45 | .2 | 231.2 | 1.1 | 287.7 | 1.7 | 286.4 | 2.0 | 287.7 | 1.8 |
| 01:00 | .1 | 206.9 | 1.5 | 280.0 | 2.0 | 284.4 | 1.9 | 286.8 | .9 |
| 01:15 | .2 | 189.9 | 1.5 | 276.8 | 1.9 | 287.9 | 2.4 | 289.2 | 1.0 |
| 01:30 | .3 | 209.9 | 1.2 | 274.0 | 1.5 | 293.1 | 2.2 | 293.2 | .9 |
| 01:45 | .2 | 262.4 | .9 | 275.9 | 1.3 | 288.4 | 1.7 | 282.1 | .9 |
| 02:00 | .2 | 232.0 | 1.3 | 279.0 | 1.4 | 290.5 | 1.6 | 278.2 | .6 |
| 02:15 | .2 | 169.8 | 1.4 | 284.8 | 1.4 | 296.7 | 1.1 | 289.2 | .3 |
| 02:30 | .2 | 151.6 | .8 | 277.3 | 1.3 | 292.1 | 1.1 | 296.1 | .5 |
| 02:45 | .2 | 136.4 | .6 | 233.9 | 1.3 | 288.9 | 1.4 | 294.9 | .4 |
| 03:00 | .2 | 175.5 | .5 | 242.1 | 1.1 | 291.1 | 1.3 | 295.8 | .3 |
| 03:15 | .1 | 210.8 | .4 | 241.1 | .9 | 297.6 | 1.4 | 297.9 | .4 |
| 03:30 | .2 | 217.5 | .3 | 244.0 | .7 | 291.6 | 1.3 | 294.3 | .4 |
| 03:45 | .2 | 207.3 | .2 | 248.7 | .7 | 263.2 | 1.2 | 278.2 | .8 |
| 04:00 | .4 | 205.9 | .4 | 291.6 | .7 | 255.4 | 1.5 | 272.8 | 1.3 |
| 04:15 | .5 | 227.8 | .7 | 277.7 | .9 | 258.3 | 1.6 | 268.4 | .9 |
| 04:30 | .5 | 223.7 | .6 | 273.2 | 1.1 | 265.6 | 1.6 | 267.3 | .6 |
| 04:45 | .5 | 194.8 | .3 | 284.4 | 1.1 | 266.1 | 1.7 | 276.7 | 1.2 |
| 05:00 | .3 | 194.1 | .5 | 245.9 | .9 | 261.6 | 2.0 | 273.2 | 1.8 |
| 05:15 | .2 | 215.4 | .6 | 247.0 | .9 | 256.3 | 1.9 | 273.4 | 1.4 |
| 05:30 | .3 | 219.9 | .5 | 247.5 | .7 | 261.0 | 1.4 | 276.8 | 1.1 |
| 05:45 | .4 | 198.0 | .4 | 238.5 | .4 | 250.8 | 1.1 | 265.0 | 1.6 |
| 06:00 | .3 | 190.4 | .6 | 226.5 | .5 | 241.7 | 1.3 | 259.7 | 2.0 |
| 06:15 | .2 | 220.9 | 1.3 | 220.2 | .6 | 258.8 | 1.2 | 263.0 | 1.8 |
| 06:30 | .3 | 204.9 | 1.3 | 228.4 | .6 | 247.3 | .8 | 269.4 | 1.3 |
| 06:45 | .3 | 163.2 | .8 | 252.9 | .4 | 286.9 | .8 | 278.2 | .8 |
| 07:00 | .3 | 148.7 | .6 | 253.9 | .7 | 300.2 | .9 | 256.9 | 1.5 |
| 07:15 | .2 | 182.1 | .7 | 256.6 | .8 | 264.9 | 1.5 | 238.1 | 1.4 |
| 07:30 | .2 | 180.9 | .9 | 253.1 | .5 | 254.3 | 1.2 | 236.3 | .6 |
| 07:45 | .1 | 280.7 | .9 | 246.3 | .3 | 268.6 | .9 | 250.7 | 1.0 |
| 08:00 | .1 | 276.0 | .8 | 259.4 | .6 | 267.8 | 1.4 | 256.7 | 1.2 |
| 08:15 | .1 | 267.2 | .7 | 276.6 | .6 | 266.0 | 1.2 | 255.8 | 1.0 |
| 08:30 | .1 | 252.5 | .5 | 292.1 | .8 | 262.8 | 1.4 | 253.6 | .8 |
| 08:45 | .1 | 200.4 | .4 | 305.6 | .9 | 266.4 | 1.4 | 255.2 | .3 |
| 09:00 | .1 | 191.9 | .6 | 311.5 | 1.1 | 275.2 | 1.3 | 255.9 | .5 |
| 09:15 | .1 | 253.0 | .8 | 313.0 | 1.3 | 270.0 | 1.8 | 256.7 | 1.3 |
| 09:30 | .3 | 267.8 | .5 | 298.0 | 1.3 | 270.2 | 2.5 | 263.2 | 2.5 |
| 09:45 | .4 | 277.3 | .2 | 287.7 | 1.3 | 267.5 | 2.7 | 265.3 | 2.8 |
| 10:00 | .2 | 274.0 | .3 | 266.7 | 1.2 | 254.9 | 2.4 | 257.5 | 3.4 |
| 10:15 | .2 | 299.5 | .4 | 243.3 | 1.3 | 249.9 | 2.4 | 250.1 | 3.1 |
| 10:30 | .1 | 294.0 | .4 | 277.8 | 1.1 | 265.8 | 2.0 | 266.4 | 3.1 |
| 10:45 | .1 | 176.2 | .4 | 278.7 | .8 | 290.0 | 1.6 | 284.4 | 3.2 |
| 11:00 | .3 | 210.7 | .9 | 233.1 | 1.0 | 253.2 | 1.7 | 250.7 | 2.9 |
| 11:15 | .7 | 212.8 | 1.1 | 230.1 | 1.3 | 241.4 | 1.5 | 247.6 | 2.1 |
| 11:30 | .6 | 159.4 | 1.0 | 225.0 | 1.0 | 228.4 | .9 | 247.3 | 1.5 |
| 11:45 | .4 | 164.1 | .6 | 229.7 | .8 | 218.4 | .8 | 231.4 | 1.1 |
| 12:00 | .7 | 163.3 | .5 | 257.0 | .6 | 267.4 | .5 | 260.3 | .8 |
| 12:15 | .9 | 166.5 | .5 | 218.2 | .5 | 284.1 | .5 | 257.0 | .6 |

Daily Summary Report

Site: ORNL Sodar

9/18/2018

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 | 272.7 | 1.1 | 271.7 | | | | | | |
| 00:15 | 282.6 | 1.1 | 277.3 | | | | | | |
| 00:30 | 288.2 | 1.7 | 287.4 | | | | | | |
| 00:45 | 278.1 | 1.3 | 279.0 | | | | | | |
| 01:00 | 267.5 | .3 | 249.3 | | | | | | |
| 01:15 | 285.6 | .2 | 315.6 | | | | | | |
| 01:30 | 279.7 | .5 | 324.0 | | | | | | |
| 01:45 | 268.9 | .5 | 316.5 | | | | | | |
| 02:00 | 280.5 | .4 | 316.3 | | | | | | |
| 02:15 | 290.4 | .4 | 337.4 | | | | | | |
| 02:30 | 287.5 | .2 | 320.0 | | | | | | |
| 02:45 | 267.8 | .5 | 324.9 | | | | | | |
| 03:00 | 269.1 | .7 | 305.7 | | | | | | |
| 03:15 | 301.4 | .7 | 294.0 | | | | | | |
| 03:30 | 293.9 | .5 | 268.0 | | | | | | |
| 03:45 | 283.9 | .2 | 263.5 | | | | | | |
| 04:00 | 275.2 | .3 | 268.3 | | | | | | |
| 04:15 | 273.3 | .5 | 294.7 | | | | | | |
| 04:30 | 271.9 | .8 | 333.5 | | | | | | |
| 04:45 | 283.9 | .8 | 320.0 | | | | | | |
| 05:00 | 289.0 | .9 | 304.0 | | | | | | |
| 05:15 | 287.8 | 1.0 | 288.6 | | | | | | |
| 05:30 | 272.3 | .5 | 322.7 | | | | | | |
| 05:45 | 271.2 | .6 | 306.2 | | | | | | |
| 06:00 | 272.9 | 2.2 | 278.3 | | | | | | |
| 06:15 | 266.1 | 3.3 | 278.4 | | | | | | |
| 06:30 | 253.9 | 2.0 | 266.0 | | | | | | |
| 06:45 | 259.1 | .4 | 255.9 | | | | | | |
| 07:00 | 278.3 | 1.6 | 277.3 | | | | | | |
| 07:15 | 272.9 | 2.1 | 272.0 | | | | | | |
| 07:30 | 272.7 | .8 | 289.0 | | | | | | |
| 07:45 | 271.6 | 1.0 | 303.4 | | | | | | |
| 08:00 | 270.0 | 1.0 | 285.0 | | | | | | |
| 08:15 | 268.0 | 1.0 | 270.0 | | | | | | |
| 08:30 | 242.4 | .9 | 249.0 | | | | | | |
| 08:45 | 241.4 | .2 | 30.2 | | | | | | |
| 09:00 | 305.2 | 1.5 | 284.2 | | | | | | |
| 09:15 | 273.5 | 3.9 | 269.1 | | | | | | |
| 09:30 | 265.7 | 4.1 | 271.1 | | | | | | |
| 09:45 | 262.5 | 4.5 | 268.1 | | | | | | |
| 10:00 | 259.4 | 5.5 | 267.0 | | | | | | |
| 10:15 | 261.5 | 4.4 | 277.7 | | | | | | |
| 10:30 | 269.5 | 3.8 | 283.3 | | | | | | |
| 10:45 | 275.7 | 4.2 | 283.4 | | | | | | |
| 11:00 | 274.0 | 3.3 | 285.1 | | | | | | |
| 11:15 | 277.3 | 2.5 | 303.9 | | | | | | |
| 11:30 | 293.5 | 2.0 | 316.6 | 3.1 | 341.3 | | | | |
| 11:45 | 289.7 | 1.2 | 315.8 | 2.8 | 337.3 | | | | |
| 12:00 | 274.5 | 1.0 | 320.7 | 3.2 | 316.3 | 4.9 | 313.4 | | |
| 12:15 | 258.3 | .7 | 297.0 | 3.5 | 307.3 | 5.0 | 318.2 | | |

Daily Summary Report

Site: ORNL Sodar

9/18/2018

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 | | | | | | |
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| 01:30 | | | | | | |
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| 03:00 | | | | | | |
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| 03:30 | | | | | | |
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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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| 22:00 | | | | | | |
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| 23:15 | | | | | | |
| 23:30 | | | | | | |
| 23:45 | | | | | | |
| Avg | | | | | | |
| Max | | | | | | |
| Hr. of Max | | | | | | |
| Min | | | | | | |
| Count | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | | |