

Daily Summary Report

Site: ORNL Sodar

10/7/2019

Interval: 015m

| | 03_WS060m | 04_WD060m | 05_WS100m | 06_WD100m | 07_WS140m | 08_WD140m | 09_WS180m | 10_WD180m | 11_WS240m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | M/SEC | DEG | KPH | DEG | M/SEC | DEG | M/SEC |
| 00:00 | .5 | 222.0 | 2.0 | 195.0 | 2.7 | 200.0 | 3.5 | 197.0 | 4.6 |
| 00:15 | .6 | 211.0 | 1.8 | 202.2 | 2.8 | 203.6 | 4.3 | 200.5 | 5.0 |
| 00:30 | .5 | 179.5 | 1.5 | 193.7 | 2.5 | 201.3 | 3.8 | 199.2 | 4.9 |
| 00:45 | .1 | 107.0 | 1.1 | 189.5 | 1.9 | 194.8 | 2.7 | 193.3 | 4.2 |
| 01:00 | .2 | 298.7 | .7 | 208.0 | 1.5 | 210.7 | 1.9 | 200.2 | 2.1 |
| 01:15 | .3 | 299.0 | .4 | 252.2 | 1.1 | 230.1 | 1.3 | 211.2 | .9 |
| 01:30 | .5 | 282.9 | .1 | 277.6 | .9 | 246.8 | 1.1 | 229.3 | 1.3 |
| 01:45 | .3 | 267.4 | .2 | 256.4 | 1.3 | 232.2 | 1.7 | 225.4 | 2.8 |
| 02:00 | .2 | 251.1 | .6 | 250.8 | 1.8 | 231.4 | 2.5 | 223.9 | 4.2 |
| 02:15 | .4 | 267.6 | .7 | 245.5 | 1.9 | 235.8 | 3.0 | 231.7 | 4.5 |
| 02:30 | .3 | 286.1 | .3 | 250.1 | 1.4 | 233.6 | 2.6 | 231.8 | 4.3 |
| 02:45 | .3 | 66.9 | .2 | 228.1 | 1.2 | 219.4 | 2.4 | 221.5 | 4.4 |
| 03:00 | .1 | 60.8 | .5 | 179.6 | 1.3 | 207.0 | 2.4 | 211.9 | 4.1 |
| 03:15 | .4 | 290.6 | .5 | 180.0 | 1.0 | 212.9 | 1.9 | 213.2 | 3.2 |
| 03:30 | .4 | 291.3 | .4 | 195.4 | .9 | 230.6 | 1.7 | 224.2 | 2.9 |
| 03:45 | .2 | 275.9 | .5 | 192.6 | .9 | 226.7 | 1.9 | 221.9 | 3.2 |
| 04:00 | .2 | 269.7 | .2 | 221.3 | 1.0 | 229.5 | 1.9 | 230.1 | 3.3 |
| 04:15 | .0 | 331.5 | .4 | 264.0 | 1.6 | 241.7 | 2.8 | 231.7 | 3.9 |
| 04:30 | .5 | 277.8 | 1.1 | 261.3 | 2.3 | 243.7 | 3.8 | 233.6 | 5.0 |
| 04:45 | .5 | 256.6 | 1.6 | 249.6 | 3.2 | 239.3 | 4.8 | 232.3 | 6.2 |
| 05:00 | .6 | 218.8 | 1.9 | 235.3 | 3.7 | 230.2 | 5.4 | 222.6 | 7.2 |
| 05:15 | .6 | 181.0 | 2.0 | 227.7 | 3.8 | 223.9 | 5.4 | 217.5 | 7.4 |
| 05:30 | .5 | 184.2 | 2.1 | 225.8 | 3.7 | 224.1 | 5.1 | 219.0 | 6.9 |
| 05:45 | .4 | 199.6 | 2.2 | 232.1 | 3.6 | 231.6 | 4.7 | 222.6 | 6.3 |
| 06:00 | .1 | 134.8 | 1.8 | 241.9 | 2.8 | 240.9 | 3.9 | 228.6 | 5.8 |
| 06:15 | .2 | 106.2 | .9 | 255.6 | 1.9 | 243.7 | 3.3 | 232.9 | 5.4 |
| 06:30 | .4 | 92.0 | .3 | 334.8 | 1.5 | 237.3 | 3.1 | 228.4 | 5.2 |
| 06:45 | .4 | 101.0 | .2 | 351.8 | 1.2 | 234.1 | 2.9 | 226.4 | 4.7 |
| 07:00 | .1 | 179.6 | .4 | 235.2 | 1.5 | 232.6 | 2.9 | 227.9 | 4.9 |
| 07:15 | .1 | 213.2 | .6 | 253.4 | 1.7 | 238.2 | 3.1 | 233.8 | 4.8 |
| 07:30 | .1 | 200.0 | .5 | 268.4 | 1.6 | 239.0 | 3.0 | 234.4 | 4.5 |
| 07:45 | .2 | 236.7 | .5 | 219.5 | 1.8 | 223.2 | 3.4 | 218.7 | 5.3 |
| 08:00 | 1.0 | 252.6 | 1.5 | 222.9 | 3.0 | 223.2 | 4.5 | 215.1 | 6.3 |
| 08:15 | .8 | 241.5 | 1.7 | 236.4 | 3.3 | 228.1 | 4.4 | 224.1 | 6.0 |
| 08:30 | .2 | 162.9 | .9 | 257.1 | 2.4 | 234.9 | 3.5 | 233.7 | 5.3 |
| 08:45 | .4 | 69.9 | 1.2 | 266.0 | 2.7 | 249.6 | 4.1 | 246.2 | 5.7 |
| 09:00 | .2 | 278.1 | 2.5 | 255.3 | 4.1 | 249.8 | 5.7 | 247.6 | 7.6 |
| 09:15 | 2.5 | 266.0 | 4.7 | 252.2 | 6.4 | 248.3 | 7.7 | 241.1 | 9.9 |
| 09:30 | 4.9 | 256.0 | 5.6 | 241.8 | 7.9 | 231.0 | 9.2 | 225.4 | 10.1 |
| 09:45 | 3.0 | 235.0 | 5.8 | 210.2 | 8.4 | 211.3 | 9.3 | 210.7 | 9.1 |
| 10:00 | 1.3 | 214.2 | 3.5 | 201.9 | 5.3 | 208.5 | 6.4 | 209.5 | 8.0 |
| 10:15 | .4 | 229.3 | 1.9 | 207.0 | 3.2 | 209.4 | 4.4 | 206.0 | 6.2 |
| 10:30 | .5 | 241.3 | 1.7 | 238.9 | 2.8 | 228.3 | 4.0 | 221.0 | 5.4 |
| 10:45 | 1.4 | 269.7 | 2.8 | 253.2 | 4.2 | 246.3 | 5.1 | 237.7 | 6.6 |
| 11:00 | 3.4 | 269.2 | 4.0 | 256.3 | 5.4 | 249.2 | 6.3 | 240.5 | 7.7 |
| 11:15 | 3.5 | 260.2 | 3.8 | 242.6 | 5.2 | 238.7 | 6.2 | 232.7 | 7.7 |
| 11:30 | 2.7 | 255.3 | 3.5 | 231.9 | 5.1 | 230.4 | 6.0 | 226.9 | 7.6 |
| 11:45 | 2.9 | 263.0 | 3.2 | 246.4 | 5.2 | 236.9 | 6.3 | 231.9 | 7.7 |
| 12:00 | 3.7 | 265.7 | 2.7 | 254.5 | 5.8 | 243.7 | 6.6 | 236.6 | 7.6 |
| 12:15 | 3.3 | 269.4 | 3.1 | 259.9 | 6.3 | 248.4 | 6.9 | 241.9 | 8.3 |
| 12:30 | 1.4 | 273.6 | 3.1 | 263.0 | 5.4 | 255.3 | 6.9 | 248.6 | 8.5 |

Daily Summary Report

Site: ORNL Sodar

10/7/2019

Interval: 015m

| | 12_WD240m | 13_WS300m | 14_WD300m | 15_WS400m | 16_WD400m | 17_WS500m | 18_WD500m | 19_WS600m | 20_WD600m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 00:00 | 192.0 | 6.8 | 188.0 | 8.3 | 182.0 | 9.7 | 179.0 | 10.9 | 184.0 |
| 00:15 | 195.8 | 7.0 | 187.9 | 8.6 | 185.2 | 9.3 | 180.0 | 11.0 | 185.0 |
| 00:30 | 193.1 | 6.9 | 186.6 | 8.4 | 184.5 | 9.0 | 180.0 | 11.1 | 186.0 |
| 00:45 | 188.7 | 6.4 | 186.7 | 8.4 | 185.0 | 8.7 | 180.0 | 11.2 | 187.0 |
| 01:00 | 194.9 | 3.2 | 188.9 | 7.1 | 188.7 | 8.3 | 180.8 | 11.3 | 189.0 |
| 01:15 | 215.4 | 1.2 | 212.9 | 6.4 | 194.8 | 8.9 | 188.2 | 11.4 | 190.0 |
| 01:30 | 240.1 | 2.5 | 222.9 | 6.5 | 207.4 | 8.8 | 195.5 | 11.5 | 191.0 |
| 01:45 | 227.3 | 4.6 | 214.6 | 7.5 | 205.2 | 9.1 | 193.8 | 11.5 | 194.0 |
| 02:00 | 224.2 | 5.6 | 220.4 | 8.2 | 202.1 | 9.9 | 194.3 | 11.6 | 196.5 |
| 02:15 | 228.9 | 5.8 | 224.1 | 8.5 | 209.6 | 9.9 | 198.5 | 11.6 | 198.4 |
| 02:30 | 225.6 | 5.9 | 221.0 | 8.8 | 212.5 | 10.2 | 198.2 | 11.5 | 198.1 |
| 02:45 | 218.5 | 5.9 | 215.1 | 8.4 | 208.2 | 10.4 | 195.7 | 11.6 | 196.4 |
| 03:00 | 215.0 | 5.9 | 207.6 | 8.6 | 205.6 | 10.0 | 195.8 | 11.4 | 193.2 |
| 03:15 | 215.0 | 5.0 | 210.1 | 8.0 | 210.0 | 11.7 | 219.3 | 12.0 | 202.0 |
| 03:30 | 222.2 | 4.1 | 216.9 | 6.9 | 215.4 | 10.3 | 212.0 | 12.6 | 210.9 |
| 03:45 | 227.3 | 4.1 | 219.6 | 6.9 | 214.4 | 9.9 | 204.9 | 13.2 | 205.9 |
| 04:00 | 229.6 | 4.3 | 222.1 | 7.1 | 210.1 | 10.0 | 199.5 | 12.8 | 200.2 |
| 04:15 | 227.9 | 5.4 | 218.7 | 8.0 | 204.8 | 10.4 | 196.1 | 12.4 | 195.4 |
| 04:30 | 224.8 | 6.9 | 213.7 | 8.8 | 200.2 | 10.8 | 193.8 | 12.9 | 189.6 |
| 04:45 | 221.5 | 8.0 | 208.0 | 9.6 | 199.5 | 11.1 | 189.7 | 12.5 | 178.9 |
| 05:00 | 213.9 | 8.7 | 203.1 | 11.4 | 199.9 | 11.2 | 191.2 | 11.2 | 179.4 |
| 05:15 | 208.6 | 8.8 | 202.1 | 11.7 | 202.5 | 11.4 | 196.7 | 11.5 | 184.2 |
| 05:30 | 208.5 | 8.8 | 202.5 | 11.4 | 204.8 | 11.5 | 200.8 | | |
| 05:45 | 212.8 | 8.1 | 206.5 | 10.4 | 205.2 | 11.7 | 204.7 | | |
| 06:00 | 217.2 | 7.5 | 208.9 | 9.5 | 206.8 | 12.0 | 210.1 | | |
| 06:15 | 218.4 | 7.5 | 207.8 | 9.4 | 211.6 | 10.5 | 206.9 | | |
| 06:30 | 215.1 | 7.0 | 206.6 | 10.6 | 215.6 | 10.3 | 211.3 | | |
| 06:45 | 214.7 | 6.5 | 205.7 | 10.0 | 207.6 | 10.7 | 212.0 | | |
| 07:00 | 216.5 | 6.6 | 208.3 | 8.9 | 206.0 | 11.2 | 213.0 | | |
| 07:15 | 223.3 | 6.2 | 213.6 | 8.7 | 209.3 | 11.6 | 214.0 | | |
| 07:30 | 226.6 | 6.2 | 212.3 | 9.1 | 207.1 | 12.0 | 215.0 | | |
| 07:45 | 212.8 | 7.1 | 202.1 | 10.3 | 204.1 | 12.5 | 216.0 | | |
| 08:00 | 208.4 | 8.1 | 202.1 | 10.5 | 202.6 | 13.0 | 217.0 | | |
| 08:15 | 213.5 | 7.8 | 209.8 | 9.8 | 208.5 | 13.8 | 219.5 | | |
| 08:30 | 221.2 | 7.2 | 214.4 | 9.9 | 210.8 | 12.5 | 219.0 | | |
| 08:45 | 237.2 | 7.6 | 223.8 | 11.0 | 217.5 | 11.9 | 218.6 | | |
| 09:00 | 243.8 | 9.3 | 232.3 | 11.4 | 227.4 | 10.6 | 222.4 | | |
| 09:15 | 243.2 | 11.3 | 235.1 | 12.7 | 229.2 | 12.1 | 224.0 | | |
| 09:30 | 237.0 | 11.7 | 227.5 | 13.2 | 221.9 | 12.8 | 224.0 | 12.3 | 227.1 |
| 09:45 | 216.5 | 11.1 | 211.6 | 13.3 | 218.0 | 13.5 | 224.0 | 12.8 | 226.0 |
| 10:00 | 204.2 | 10.2 | 203.0 | 13.4 | 212.4 | 13.7 | 223.0 | 13.0 | 225.0 |
| 10:15 | 203.8 | 8.4 | 199.5 | 10.9 | 201.1 | 13.9 | 223.0 | 13.2 | 224.0 |
| 10:30 | 217.5 | 7.3 | 209.6 | 10.8 | 208.7 | 14.1 | 222.1 | 13.4 | 223.0 |
| 10:45 | 229.2 | 7.9 | 222.8 | 12.0 | 218.8 | 14.3 | 219.7 | 13.6 | 222.0 |
| 11:00 | 232.8 | 9.0 | 228.4 | 12.7 | 221.5 | 13.8 | 215.8 | 13.8 | 220.0 |
| 11:15 | 224.9 | 9.5 | 220.1 | 12.6 | 218.0 | 13.7 | 214.7 | 14.0 | 219.8 |
| 11:30 | 220.2 | 9.1 | 216.2 | 12.2 | 214.4 | 13.1 | 215.1 | 14.1 | 222.2 |
| 11:45 | 226.9 | 9.3 | 223.3 | 11.7 | 218.0 | 12.5 | 219.3 | 14.1 | 221.5 |
| 12:00 | 233.2 | 9.3 | 231.3 | 11.6 | 226.4 | 12.7 | 225.0 | 15.0 | 224.8 |
| 12:15 | 240.5 | 9.6 | 240.3 | 11.8 | 234.1 | 12.5 | 230.7 | 14.0 | 225.0 |
| 12:30 | 247.3 | 9.4 | 242.6 | 11.9 | 233.5 | 12.1 | 230.7 | 13.0 | 226.0 |

Daily Summary Report

Site: ORNL Sodar

10/7/2019

Interval: 015m

| | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | M/SEC | DEG |
| 00:00 | | | | |
| 00:15 | | | | |
| 00:30 | | | | |
| 00:45 | | | | |
| 01:00 | | | | |
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| 12:00 | | | | |
| 12:15 | | | | |
| 12:30 | | | | |

| | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-----------------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | M/SEC | DEG |
| 12:45 | | | | |
| 13:00 | | | | |
| 13:15 | | | | |
| 13:30 | | | | |
| 13:45 | | | | |
| 14:00 | | | | |
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| 14:45 | | | | |
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| 18:15 | | | | |
| 18:30 | | | | |
| 18:45 | | | | |
| 19:00 | | | | |
| 19:15 | | | | |
| 19:30 | | | | |
| 19:45 | | | | |
| 20:00 | | | | |
| 20:15 | | | | |
| 20:30 | 11.8 | 36.9 | 10.9 | 36.2 |
| 20:45 | 11.6 | 33.3 | 12.9 | 36.8 |
| 21:00 | 11.5 | 34.0 | | |
| 21:15 | 11.4 | 35.0 | | |
| 21:30 | 11.4 | 36.0 | | |
| 21:45 | 11.3 | 37.0 | | |
| 22:00 | 11.3 | 38.0 | | |
| 22:15 | 11.2 | 39.0 | | |
| 22:30 | 11.1 | 40.0 | | |
| 22:45 | 11.0 | 41.0 | | |
| 23:00 | 11.0 | 42.0 | | |
| 23:15 | 10.9 | 43.0 | | |
| 23:30 | 10.9 | 44.0 | | |
| 23:45 | 10.8 | 46.6 | | |
| Avg | 11.2 | 39.0 | 11.9 | 36.0 |
| Max | 11.8 | 46.6 | 12.9 | 36.8 |
| Max Time | 20:30 | 23:45 | 20:45 | 20:45 |
| Min | 10.8 | 33.3 | 10.9 | 36.2 |
| Count | 14 | 14 | 2 | 2 |
| Total | | | | |