

Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

2/18/2020

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 | DEGC | M/SEC | DEGC | M/SEC | DEGC | M/SEC |
| 00:00 | 3.7 | 207.0 | 5.0 | 212.0 | 6.4 | 210.0 | 8.0 | 208.0 | 9.5 |
| 00:15 | 3.2 | 213.2 | 4.8 | 217.9 | 6.2 | 215.3 | 8.0 | 212.6 | 9.4 |
| 00:30 | 3.4 | 216.3 | 5.7 | 218.6 | 6.8 | 217.5 | 8.4 | 214.3 | 9.8 |
| 00:45 | 3.8 | 218.9 | 5.7 | 218.9 | 7.3 | 216.2 | 8.2 | 216.0 | 9.5 |
| 01:00 | 3.1 | 221.2 | 5.2 | 221.1 | 7.0 | 218.6 | 7.6 | 221.9 | 8.9 |
| 01:15 | 2.5 | 219.0 | 5.0 | 215.3 | 6.3 | 220.1 | 7.0 | 223.9 | 8.0 |
| 01:30 | 2.7 | 232.5 | 4.7 | 220.4 | 5.8 | 226.0 | 6.7 | 225.7 | 7.4 |
| 01:45 | 2.5 | 233.0 | 4.1 | 229.4 | 5.6 | 232.1 | 6.5 | 229.5 | 7.4 |
| 02:00 | 1.8 | 253.8 | 3.7 | 232.7 | 5.3 | 234.5 | 5.9 | 233.6 | 6.9 |
| 02:15 | 2.0 | 261.6 | 3.3 | 235.9 | 4.7 | 236.2 | 5.3 | 236.9 | 6.5 |
| 02:30 | 1.6 | 232.5 | 2.9 | 221.6 | 4.3 | 224.6 | 4.8 | 225.1 | 5.9 |
| 02:45 | 2.5 | 190.2 | 2.8 | 196.2 | 4.3 | 202.9 | 4.9 | 204.5 | 6.4 |
| 03:00 | 1.2 | 182.2 | 2.1 | 191.4 | 3.5 | 195.8 | 4.4 | 199.6 | 5.5 |
| 03:15 | .4 | 239.3 | 1.8 | 203.2 | 2.9 | 201.6 | 3.8 | 203.3 | 4.6 |
| 03:30 | .7 | 239.3 | 1.7 | 206.6 | 2.6 | 203.8 | 3.4 | 204.1 | 4.5 |
| 03:45 | .9 | 242.5 | 2.0 | 200.5 | 2.5 | 208.0 | 3.5 | 206.0 | 4.6 |
| 04:00 | 1.4 | 238.5 | 2.5 | 214.3 | 3.5 | 213.3 | 4.8 | 208.1 | 5.6 |
| 04:15 | 1.9 | 236.6 | 2.8 | 235.0 | 3.8 | 226.4 | 5.0 | 217.3 | 5.8 |
| 04:30 | 1.8 | 219.9 | 3.1 | 230.7 | 3.8 | 227.4 | 4.6 | 222.9 | 5.8 |
| 04:45 | 2.0 | 218.0 | 3.0 | 226.3 | 3.8 | 221.9 | 4.6 | 218.7 | 6.2 |
| 05:00 | 2.2 | 216.3 | 3.3 | 233.0 | 4.7 | 230.3 | 5.7 | 223.0 | 6.8 |
| 05:15 | 1.0 | 233.7 | 3.0 | 230.1 | 4.7 | 233.3 | 5.6 | 229.9 | 6.9 |
| 05:30 | .6 | 268.9 | 1.8 | 237.2 | 2.7 | 238.9 | 3.7 | 242.5 | 5.1 |
| 05:45 | .6 | 277.9 | 1.4 | 263.9 | 1.9 | 251.9 | 2.9 | 251.7 | 3.8 |
| 06:00 | .3 | 289.3 | 1.9 | 258.9 | 2.3 | 251.9 | 3.0 | 253.1 | 3.6 |
| 06:15 | .6 | 268.0 | 2.7 | 259.0 | 3.9 | 261.4 | 4.4 | 261.2 | 4.9 |
| 06:30 | 1.1 | 266.7 | 2.7 | 259.0 | 4.5 | 260.7 | 5.7 | 259.0 | 6.4 |
| 06:45 | 2.0 | 259.7 | 2.1 | 261.1 | 3.8 | 257.8 | 5.4 | 254.6 | 6.4 |
| 07:00 | 2.1 | 253.7 | 2.1 | 262.9 | 3.6 | 255.6 | 4.5 | 251.1 | 5.9 |
| 07:15 | 2.8 | 243.3 | 2.2 | 245.3 | 3.6 | 245.1 | 4.2 | 240.4 | 6.1 |
| 07:30 | 2.5 | 238.5 | 2.4 | 232.8 | 3.7 | 236.7 | 4.5 | 232.6 | 6.4 |
| 07:45 | 1.1 | 220.7 | 2.8 | 225.2 | 3.9 | 227.4 | 5.2 | 223.0 | 7.2 |
| 08:00 | 2.0 | 227.0 | 3.2 | 213.6 | 4.4 | 210.2 | 5.9 | 208.1 | 8.1 |
| 08:15 | 2.7 | 235.0 | 3.4 | 213.8 | 4.5 | 209.3 | 6.0 | 207.2 | 8.5 |
| 08:30 | 3.4 | 245.0 | 3.8 | 214.1 | 4.8 | 214.7 | 6.6 | 211.3 | 9.2 |
| 08:45 | 4.1 | 256.2 | 3.8 | 223.4 | 4.7 | 221.0 | 6.2 | 216.8 | 8.3 |
| 09:00 | 3.5 | 262.3 | 3.0 | 233.7 | 3.9 | 227.0 | 5.0 | 219.2 | 6.6 |
| 09:15 | 1.9 | 194.6 | 2.9 | 218.8 | 3.9 | 224.1 | 5.2 | 214.0 | 6.8 |
| 09:30 | 1.7 | 178.3 | 2.7 | 222.2 | 3.8 | 227.7 | 5.0 | 218.8 | 6.8 |
| 09:45 | .6 | 204.1 | 2.0 | 234.8 | 3.4 | 229.9 | 4.7 | 223.1 | 6.4 |
| 10:00 | .7 | 196.8 | 1.9 | 238.3 | 3.2 | 232.1 | 4.6 | 224.8 | 5.9 |
| 10:15 | .4 | 233.6 | 2.0 | 246.5 | 3.6 | 239.1 | 4.6 | 229.8 | 5.6 |
| 10:30 | .2 | 114.5 | 2.0 | 269.7 | 4.1 | 250.9 | 4.8 | 243.8 | 5.7 |
| 10:45 | .7 | 252.4 | 2.3 | 276.0 | 4.0 | 263.6 | 4.9 | 259.7 | 5.6 |
| 11:00 | .9 | 277.9 | 2.8 | 268.7 | 4.3 | 269.4 | 5.3 | 261.0 | 5.9 |
| 11:15 | .1 | 37.3 | 1.4 | 264.7 | 2.9 | 274.0 | 4.0 | 264.9 | 5.0 |
| 11:30 | .2 | 247.6 | .7 | 259.9 | 1.8 | 267.9 | 2.7 | 257.9 | 4.0 |
| 11:45 | .1 | 242.1 | .7 | 255.0 | 1.6 | 260.3 | 2.3 | 250.1 | 3.7 |
| 12:00 | .3 | 249.7 | 1.1 | 262.3 | 2.0 | 262.3 | 2.7 | 253.1 | 3.7 |
| 12:15 | .3 | 228.1 | 1.3 | 263.6 | 2.3 | 256.9 | 3.0 | 247.4 | 4.0 |
| 12:30 | .1 | 251.4 | 1.3 | 269.4 | 2.7 | 257.0 | 3.5 | 246.2 | 4.3 |

Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

2/18/2020

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 | 205.0 | 11.4 | 203.0 | 14.6 | 200.0 | 16.8 | 197.0 | | |
| 00:15 | 209.5 | 11.5 | 206.5 | 14.4 | 203.6 | 17.3 | 198.8 | | |
| 00:30 | 209.2 | 12.0 | 207.7 | 14.4 | 204.2 | 17.0 | 199.8 | | |
| 00:45 | 213.1 | 11.8 | 210.8 | 13.5 | 207.3 | 16.1 | 201.9 | | |
| 01:00 | 218.0 | 10.6 | 215.4 | 13.0 | 211.3 | 15.2 | 207.7 | 16.8 | 210.5 |
| 01:15 | 222.9 | 9.5 | 216.5 | 11.9 | 215.3 | 14.4 | 211.7 | 16.2 | 211.0 |
| 01:30 | 225.2 | 9.4 | 217.7 | 11.4 | 217.6 | 13.8 | 213.4 | 15.5 | 212.0 |
| 01:45 | 226.9 | 8.9 | 223.5 | 11.4 | 220.5 | 13.7 | 217.5 | 14.7 | 214.0 |
| 02:00 | 231.0 | 8.0 | 226.6 | 10.7 | 225.4 | 12.7 | 221.7 | 13.9 | 216.5 |
| 02:15 | 235.6 | 7.8 | 230.2 | 9.8 | 227.7 | 11.7 | 221.3 | 13.7 | 214.9 |
| 02:30 | 218.4 | 7.1 | 220.3 | 9.4 | 216.5 | 11.4 | 210.2 | 13.1 | 212.8 |
| 02:45 | 200.5 | 6.9 | 201.1 | 9.7 | 202.3 | 10.9 | 198.9 | 12.7 | 206.4 |
| 03:00 | 200.6 | 6.7 | 196.6 | 9.3 | 198.8 | 10.4 | 196.4 | 12.7 | 202.8 |
| 03:15 | 200.6 | 6.2 | 194.4 | 8.3 | 197.9 | 10.2 | 193.6 | 12.4 | 199.8 |
| 03:30 | 201.3 | 5.6 | 194.2 | 7.8 | 198.9 | 10.2 | 193.0 | 13.0 | 199.7 |
| 03:45 | 202.2 | 6.2 | 199.4 | 8.9 | 198.6 | 11.1 | 193.9 | 14.0 | 196.6 |
| 04:00 | 206.1 | 7.6 | 203.3 | 10.2 | 199.1 | 12.3 | 194.6 | 14.6 | 194.6 |
| 04:15 | 212.8 | 7.5 | 207.2 | 10.4 | 202.9 | 12.1 | 198.9 | 14.8 | 196.3 |
| 04:30 | 213.2 | 7.3 | 209.1 | 9.9 | 204.6 | 11.8 | 201.3 | 14.4 | 196.8 |
| 04:45 | 214.1 | 7.3 | 210.2 | 9.9 | 204.7 | 12.1 | 198.5 | 15.4 | 198.8 |
| 05:00 | 217.4 | 7.9 | 213.4 | 10.6 | 210.2 | 13.2 | 203.0 | 16.3 | 203.3 |
| 05:15 | 222.7 | 8.0 | 215.6 | 10.6 | 213.9 | 13.5 | 208.7 | 14.3 | 211.0 |
| 05:30 | 234.3 | 6.4 | 220.5 | 8.7 | 215.0 | 11.8 | 208.0 | 12.3 | 220.8 |
| 05:45 | 239.9 | 5.0 | 226.4 | 7.6 | 212.3 | 11.0 | 204.5 | 11.9 | 205.5 |
| 06:00 | 244.5 | 5.2 | 230.7 | 8.7 | 213.2 | 10.9 | 203.9 | 11.5 | 204.6 |
| 06:15 | 259.6 | 5.9 | 241.2 | 9.1 | 220.5 | 11.0 | 210.0 | | |
| 06:30 | 262.2 | 6.0 | 254.5 | 8.6 | 228.5 | 11.0 | 210.0 | | |
| 06:45 | 251.4 | 6.7 | 235.7 | 10.4 | 214.7 | 11.1 | 209.0 | | |
| 07:00 | 243.2 | 7.5 | 228.2 | 10.5 | 214.4 | 11.1 | 209.0 | | |
| 07:15 | 230.7 | 8.2 | 215.9 | 11.3 | 214.8 | 11.1 | 209.0 | | |
| 07:30 | 220.2 | 8.6 | 206.5 | 11.9 | 205.2 | 11.2 | 208.0 | | |
| 07:45 | 212.6 | 9.3 | 201.3 | 12.8 | 202.7 | 11.2 | 208.0 | | |
| 08:00 | 200.9 | 10.2 | 196.0 | 14.7 | 192.9 | 11.2 | 208.0 | | |
| 08:15 | 198.2 | 10.6 | 195.8 | 15.1 | 192.2 | 11.2 | 207.0 | | |
| 08:30 | 201.9 | 11.0 | 196.7 | 16.1 | 193.6 | 11.2 | 207.0 | | |
| 08:45 | 207.5 | 10.2 | 201.3 | 14.1 | 197.6 | 11.2 | 207.0 | | |
| 09:00 | 213.5 | 9.0 | 206.9 | 13.3 | 202.0 | 11.2 | 206.6 | | |
| 09:15 | 210.1 | 9.1 | 204.0 | 13.9 | 199.4 | 12.5 | 203.0 | | |
| 09:30 | 209.5 | 9.1 | 203.9 | 13.3 | 198.6 | 14.0 | 200.0 | | |
| 09:45 | 212.1 | 8.6 | 204.6 | 10.9 | 200.8 | 15.9 | 197.7 | | |
| 10:00 | 213.5 | 7.7 | 205.7 | 10.0 | 200.3 | 15.8 | 198.5 | | |
| 10:15 | 215.6 | 7.2 | 209.0 | 10.2 | 199.8 | 15.1 | 195.9 | | |
| 10:30 | 225.6 | 7.2 | 217.0 | 8.5 | 208.4 | 11.2 | 204.3 | | |
| 10:45 | 248.0 | 6.7 | 241.5 | 7.8 | 229.5 | 10.5 | 219.9 | | |
| 11:00 | 258.3 | 6.8 | 244.2 | 8.9 | 232.7 | 9.7 | 222.0 | | |
| 11:15 | 255.4 | 6.1 | 243.5 | 8.5 | 231.0 | 8.8 | 224.6 | | |
| 11:30 | 246.7 | 5.1 | 240.9 | 7.2 | 223.0 | 9.2 | 220.7 | 11.7 | 221.3 |
| 11:45 | 237.5 | 4.8 | 232.1 | 7.6 | 218.9 | 9.5 | 222.2 | 12.8 | 219.4 |
| 12:00 | 236.4 | 4.9 | 229.5 | 8.2 | 219.9 | 9.8 | 222.9 | | |
| 12:15 | 234.0 | 5.7 | 226.3 | 8.3 | 223.1 | 10.2 | 224.1 | | |
| 12:30 | 235.5 | 6.5 | 227.4 | 9.3 | 224.9 | | | | |

Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

2/18/2020

Interval: 015m

| | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEGC | M/SEC | DEG |
| 00:00 | | | | |
| 00:15 | | | | |
| 00:30 | | | | |
| 00:45 | | | | |
| 01:00 | | | | |
| 01:15 | | | | |
| 01:30 | | | | |
| 01:45 | | | | |
| 02:00 | | | | |
| 02:15 | | | | |
| 02:30 | 13.6 | 217.8 | | |
| 02:45 | 13.8 | 216.0 | | |
| 03:00 | 14.9 | 212.9 | | |
| 03:15 | | | | |
| 03:30 | | | | |
| 03:45 | | | | |
| 04:00 | | | | |
| 04:15 | | | | |
| 04:30 | | | | |
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| 10:45 | | | | |
| 11:00 | | | | |
| 11:15 | | | | |
| 11:30 | 12.8 | 211.3 | | |
| 11:45 | | | | |
| 12:00 | | | | |
| 12:15 | | | | |
| 12:30 | | | | |

| | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-----------------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEGC | M/SEC | DEG |
| 12:45 | | | | |
| 13:00 | | | | |
| 13:15 | | | | |
| 13:30 | | | | |
| 13:45 | | | | |
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| 20:45 | | | | |
| 21:00 | | | | |
| 21:15 | | | | |
| 21:30 | | | | |
| 21:45 | | | | |
| 22:00 | | | | |
| 22:15 | | | | |
| 22:30 | | | | |
| 22:45 | | | | |
| 23:00 | | | | |
| 23:15 | | | | |
| 23:30 | 4.8 | 14.0 | 5.6 | 4.4 |
| 23:45 | 5.1 | 8.0 | 6.4 | .1 |
| Avg | 10.8 | 146.7 | 6.0 | 2.3 |
| Max | 14.9 | 217.8 | 6.4 | 4.4 |
| Max Time | 03:00 | 02:30 | 23:45 | 23:30 |
| Min | 4.8 | 8.0 | 5.6 | .1 |
| Count | 6 | 6 | 2 | 2 |
| Total | | | | |