

Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

3/25/2020

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 | .2 | 212.0 | .4 | 150.0 | 1.0 | 290.0 | 2.3 | 280.0 | 3.9 |
| 00:15 | .1 | 248.8 | .5 | 212.3 | 1.3 | 244.1 | 2.5 | 264.6 | 4.2 |
| 00:30 | .2 | 173.3 | 1.0 | 183.5 | 1.4 | 220.2 | 2.5 | 251.4 | 3.4 |
| 00:45 | 1.0 | 174.9 | 2.0 | 187.7 | 2.1 | 199.4 | 2.8 | 228.3 | 3.2 |
| 01:00 | .9 | 177.9 | 2.1 | 183.7 | 2.5 | 197.7 | 3.1 | 226.2 | 3.4 |
| 01:15 | .4 | 187.5 | 2.1 | 193.5 | 2.8 | 211.7 | 3.3 | 238.0 | 3.3 |
| 01:30 | .4 | 219.0 | 1.9 | 217.3 | 2.9 | 227.9 | 3.2 | 245.5 | 2.9 |
| 01:45 | .3 | 255.4 | 1.7 | 232.8 | 2.5 | 237.2 | 2.9 | 247.4 | 2.8 |
| 02:00 | .3 | 235.0 | 1.5 | 223.3 | 2.2 | 226.7 | 2.6 | 239.5 | 3.5 |
| 02:15 | .3 | 230.0 | 1.3 | 217.7 | 1.9 | 227.8 | 2.5 | 234.1 | 4.3 |
| 02:30 | 2.2 | 245.0 | 1.7 | 231.0 | 2.4 | 238.5 | 3.4 | 237.2 | 5.2 |
| 02:45 | 4.0 | 267.2 | 2.4 | 252.6 | 3.7 | 251.8 | 4.7 | 253.3 | 6.1 |
| 03:00 | 1.5 | 269.0 | 3.1 | 264.9 | 4.7 | 266.9 | 5.5 | 270.3 | 6.5 |
| 03:15 | 2.2 | 272.0 | 4.3 | 270.8 | 5.7 | 276.9 | 6.4 | 279.8 | 7.8 |
| 03:30 | 2.9 | 274.8 | 4.6 | 277.1 | 6.3 | 282.2 | 7.3 | 284.3 | 8.6 |
| 03:45 | 4.7 | 272.0 | 4.1 | 279.1 | 6.3 | 281.3 | 7.8 | 283.0 | 9.1 |
| 04:00 | 4.5 | 269.0 | 4.9 | 274.6 | 6.9 | 277.9 | 8.1 | 279.5 | 8.4 |
| 04:15 | 1.9 | 268.6 | 4.6 | 272.5 | 6.4 | 276.1 | 6.7 | 278.5 | 3.4 |
| 04:30 | 1.3 | 270.0 | 2.8 | 271.8 | 5.0 | 274.5 | 5.3 | 280.5 | 5.2 |
| 04:45 | 1.2 | 275.7 | 2.6 | 279.1 | 4.7 | 282.5 | 5.7 | 289.2 | 6.5 |
| 05:00 | 1.2 | 275.0 | 3.7 | 279.8 | 5.8 | 285.1 | 7.1 | 292.4 | 7.9 |
| 05:15 | 1.2 | 275.9 | 3.6 | 275.8 | 6.0 | 283.0 | 7.3 | 288.2 | 7.8 |
| 05:30 | .9 | 276.2 | 2.3 | 279.3 | 4.7 | 286.1 | 5.7 | 290.2 | 5.8 |
| 05:45 | .9 | 275.6 | 2.5 | 286.7 | 5.0 | 286.4 | 6.0 | 288.3 | 7.1 |
| 06:00 | 1.0 | 279.4 | 3.1 | 287.0 | 5.7 | 284.5 | 7.0 | 282.6 | 8.7 |
| 06:15 | 2.0 | 267.1 | 3.3 | 280.6 | 5.5 | 283.5 | 7.0 | 282.5 | 8.5 |
| 06:30 | 2.6 | 264.6 | 3.8 | 277.3 | 6.1 | 281.8 | 7.1 | 282.5 | 8.4 |
| 06:45 | 4.4 | 267.2 | 3.3 | 275.1 | 6.0 | 278.9 | 7.2 | 281.1 | 9.0 |
| 07:00 | 3.2 | 268.7 | 2.6 | 272.1 | 5.0 | 274.3 | 6.4 | 277.3 | 8.4 |
| 07:15 | 2.0 | 268.4 | 3.2 | 272.9 | 5.1 | 273.2 | 6.2 | 279.4 | 7.4 |
| 07:30 | 2.8 | 267.9 | 4.5 | 273.6 | 6.8 | 275.0 | 7.3 | 282.1 | 8.0 |
| 07:45 | 2.7 | 266.5 | 4.3 | 275.1 | 6.7 | 278.8 | 7.3 | 284.0 | 7.5 |
| 08:00 | 2.3 | 260.8 | 3.5 | 274.4 | 5.5 | 281.2 | 6.1 | 285.4 | 6.4 |
| 08:15 | 2.2 | 265.6 | 2.7 | 285.2 | 4.3 | 287.7 | 4.8 | 292.8 | 5.2 |
| 08:30 | 1.1 | 296.5 | 2.3 | 305.4 | 3.4 | 304.6 | 3.8 | 310.2 | 4.4 |
| 08:45 | .5 | 300.9 | 1.7 | 312.3 | 2.3 | 321.1 | 2.8 | 332.8 | 2.2 |
| 09:00 | .6 | 277.4 | .9 | 323.5 | 1.8 | 342.1 | 2.1 | 354.2 | 1.2 |
| 09:15 | .6 | 265.1 | .6 | 311.5 | 1.2 | 342.5 | 1.2 | 3.1 | 1.4 |
| 09:30 | .4 | 238.0 | .6 | 289.1 | .7 | 313.9 | .6 | 339.5 | .8 |
| 09:45 | .4 | 190.4 | .2 | 274.0 | .2 | 14.8 | .5 | 29.4 | .6 |
| 10:00 | .7 | 127.4 | .6 | 129.8 | .8 | 96.1 | .9 | 56.1 | .7 |
| 10:15 | .4 | 108.0 | .7 | 78.1 | .9 | 49.3 | 1.5 | 25.8 | 1.6 |
| 10:30 | .1 | 66.3 | 1.2 | 30.7 | 1.7 | 24.3 | 2.2 | 25.7 | 2.7 |
| 10:45 | .1 | 75.0 | 1.2 | 33.5 | 1.7 | 29.9 | 2.0 | 33.8 | 2.1 |
| 11:00 | .5 | 323.6 | 1.2 | 12.9 | 1.6 | 5.0 | 1.8 | 9.9 | 1.5 |
| 11:15 | .9 | 332.0 | 2.0 | 347.1 | 2.2 | 350.6 | 2.4 | 357.6 | 2.8 |
| 11:30 | .5 | 339.4 | 1.5 | 345.5 | 1.4 | 357.1 | 1.6 | 7.2 | 2.0 |
| 11:45 | .1 | 19.5 | .7 | 349.2 | 1.5 | 353.6 | 1.7 | 355.8 | 2.1 |
| 12:00 | .8 | 11.5 | 1.9 | 18.1 | 3.1 | 14.4 | 2.9 | 12.1 | 3.7 |
| 12:15 | .9 | 6.0 | 2.2 | 26.2 | 2.7 | 23.9 | 2.5 | 22.9 | 2.4 |
| 12:30 | .5 | 20.8 | 1.5 | 51.2 | 1.4 | 47.4 | 1.5 | 33.8 | 1.2 |

Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

3/25/2020

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 | 285.0 | 5.4 | 288.0 | 7.4 | 288.0 | 9.1 | 285.0 | 10.8 | 235.0 |
| 00:15 | 282.4 | 5.4 | 287.9 | 7.5 | 286.4 | 9.3 | 285.0 | 11.0 | 242.0 |
| 00:30 | 278.1 | 4.0 | 278.3 | 7.0 | 281.7 | 9.1 | 277.0 | 11.2 | 248.0 |
| 00:45 | 264.8 | 3.5 | 275.9 | 6.7 | 278.9 | 9.3 | 273.1 | 11.4 | 255.0 |
| 01:00 | 256.4 | 3.1 | 270.2 | 6.2 | 272.1 | 9.1 | 273.7 | 11.6 | 262.0 |
| 01:15 | 257.9 | 3.7 | 262.1 | 6.5 | 266.3 | 9.0 | 272.6 | 11.8 | 270.4 |
| 01:30 | 257.2 | 4.3 | 257.4 | 7.1 | 266.3 | 9.0 | 270.3 | 10.1 | 269.0 |
| 01:45 | 250.5 | 4.4 | 255.8 | 8.0 | 264.1 | 9.1 | 269.2 | 8.7 | 268.8 |
| 02:00 | 244.5 | 5.3 | 254.8 | 9.5 | 262.0 | 9.4 | 268.1 | 10.1 | 270.8 |
| 02:15 | 242.6 | 6.3 | 257.4 | 9.9 | 266.4 | 7.9 | 267.2 | 9.9 | 271.0 |
| 02:30 | 248.0 | 7.3 | 261.5 | 8.9 | 271.5 | 6.8 | 270.8 | 9.6 | 271.3 |
| 02:45 | 262.9 | 7.7 | 270.9 | 9.0 | 276.8 | 8.9 | 273.7 | 9.9 | 271.0 |
| 03:00 | 277.4 | 7.5 | 280.0 | 9.4 | 281.7 | 9.9 | 276.9 | 10.2 | 271.2 |
| 03:15 | 283.9 | 9.3 | 284.7 | 10.3 | 285.1 | 9.9 | 278.9 | 9.6 | 274.9 |
| 03:30 | 285.9 | 10.6 | 292.1 | 12.1 | 294.3 | 9.2 | 290.3 | 9.7 | 287.1 |
| 03:45 | 284.6 | 9.8 | 288.6 | 10.1 | 292.1 | 9.5 | 297.9 | 10.2 | 297.3 |
| 04:00 | 280.8 | 8.1 | 279.6 | 5.5 | 285.7 | 6.5 | 304.3 | 10.3 | 300.0 |
| 04:15 | 283.8 | 2.2 | 296.8 | 1.8 | 317.0 | 1.5 | 358.0 | 10.4 | 302.0 |
| 04:30 | 279.3 | 5.9 | 281.3 | 8.9 | 281.8 | 10.4 | 281.0 | 10.5 | 303.0 |
| 04:45 | 281.1 | 7.9 | 276.9 | 8.9 | 276.0 | 9.3 | 283.4 | 10.5 | 304.0 |
| 05:00 | 282.9 | 7.8 | 280.5 | 8.6 | 279.7 | 9.5 | 273.8 | 10.6 | 305.0 |
| 05:15 | 283.6 | 7.4 | 289.5 | 9.4 | 297.9 | 11.0 | 290.0 | 10.6 | 305.0 |
| 05:30 | 292.6 | 7.5 | 301.6 | 9.0 | 305.0 | 12.5 | 316.4 | 10.6 | 308.0 |
| 05:45 | 290.6 | 7.6 | 298.0 | 9.2 | 306.0 | 12.2 | 317.0 | 10.7 | 311.0 |
| 06:00 | 286.2 | 8.9 | 288.8 | 9.4 | 307.0 | 11.9 | 317.0 | 10.8 | 314.0 |
| 06:15 | 286.0 | 9.1 | 296.5 | 9.6 | 308.0 | 11.4 | 317.0 | 10.9 | 317.0 |
| 06:30 | 286.8 | 9.2 | 301.2 | 9.8 | 309.0 | 10.9 | 318.0 | 10.9 | 320.0 |
| 06:45 | 283.1 | 9.0 | 301.9 | 10.0 | 310.9 | 10.3 | 318.0 | 11.0 | 322.0 |
| 07:00 | 276.5 | 7.5 | 291.1 | 9.5 | 312.7 | 11.8 | 321.0 | 11.0 | 324.2 |
| 07:15 | 285.0 | 7.6 | 295.2 | 8.5 | 315.1 | 10.8 | 315.3 | 11.6 | 319.8 |
| 07:30 | 289.8 | 8.1 | 299.6 | 8.5 | 316.3 | 9.5 | 316.8 | 11.7 | 323.0 |
| 07:45 | 290.6 | 7.9 | 302.9 | 8.6 | 321.1 | 9.2 | 322.0 | | |
| 08:00 | 296.9 | 7.4 | 311.4 | 8.6 | 328.5 | 8.8 | 330.0 | | |
| 08:15 | 311.8 | 6.6 | 325.9 | 8.8 | 334.5 | 8.3 | 340.0 | | |
| 08:30 | 329.5 | 5.3 | 341.4 | 7.5 | 348.9 | 7.8 | 355.0 | | |
| 08:45 | 342.4 | 2.1 | 353.6 | 6.2 | 1.3 | 7.2 | 12.0 | | |
| 09:00 | 6.2 | 2.0 | 13.0 | 4.9 | 5.7 | 7.8 | 10.0 | | |
| 09:15 | 14.0 | 2.9 | 20.6 | 6.2 | 11.1 | 8.3 | 8.0 | | |
| 09:30 | 2.0 | 1.6 | 18.8 | 5.9 | 10.9 | 8.8 | 5.0 | | |
| 09:45 | 8.8 | .8 | 350.1 | 5.1 | 4.6 | 9.3 | 1.2 | | |
| 10:00 | 36.8 | .7 | 13.4 | 5.0 | 3.5 | 9.9 | 6.3 | 13.1 | 4.5 |
| 10:15 | 20.2 | 1.7 | 7.8 | 5.1 | 2.5 | 11.1 | 7.8 | 10.5 | 10.6 |
| 10:30 | 20.9 | 3.7 | 15.9 | 6.8 | 13.5 | 11.5 | 11.8 | | |
| 10:45 | 30.0 | 3.3 | 26.2 | 8.2 | 14.4 | 11.1 | 13.2 | | |
| 11:00 | 2.9 | 2.2 | 356.9 | 5.6 | 357.6 | | | | |
| 11:15 | 351.5 | 3.1 | 350.1 | 5.4 | 353.1 | | | | |
| 11:30 | 357.3 | 1.8 | 2.7 | 4.7 | 358.7 | | | | |
| 11:45 | 346.5 | 2.2 | 346.2 | 3.7 | 354.6 | | | | |
| 12:00 | 359.2 | 4.7 | 358.3 | 5.8 | 1.3 | | | | |
| 12:15 | 19.2 | 4.0 | 7.9 | 5.4 | 12.0 | | | | |
| 12:30 | 48.5 | .8 | 35.1 | 4.8 | 18.0 | | | | |

Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

3/25/2020

Interval: 015m

| | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEGC | M/SEC | DEG |
| 00:00 | 11.9 | 240.0 | | |
| 00:15 | 11.8 | 245.0 | | |
| 00:30 | 11.7 | 250.0 | | |
| 00:45 | 11.5 | 255.0 | | |
| 01:00 | 11.4 | 260.0 | | |
| 01:15 | 11.3 | 265.0 | | |
| 01:30 | 11.2 | 268.0 | | |
| 01:45 | 11.0 | 272.0 | | |
| 02:00 | 11.2 | 268.6 | | |
| 02:15 | 9.0 | 265.4 | | |
| 02:30 | 9.5 | 268.0 | | |
| 02:45 | 9.9 | 270.4 | | |
| 03:00 | 9.7 | 271.4 | 10.3 | 271.9 |
| 03:15 | 8.7 | 271.7 | 9.8 | 279.0 |
| 03:30 | 9.5 | 287.0 | 9.3 | 286.6 |
| 03:45 | 9.6 | 298.0 | 9.0 | 298.3 |
| 04:00 | 9.6 | 299.0 | 9.2 | 299.0 |
| 04:15 | 9.6 | 300.0 | 9.4 | 300.0 |
| 04:30 | 9.7 | 301.0 | 9.6 | 301.0 |
| 04:45 | 9.7 | 302.0 | 9.8 | 302.0 |
| 05:00 | 9.8 | 303.0 | 10.0 | 303.0 |
| 05:15 | 9.8 | 305.0 | 10.2 | 304.0 |
| 05:30 | 9.8 | 307.0 | 10.4 | 305.0 |
| 05:45 | 9.8 | 310.0 | 10.6 | 306.0 |
| 06:00 | 9.8 | 311.0 | 10.8 | 307.0 |
| 06:15 | 9.9 | 312.0 | 11.1 | 308.0 |
| 06:30 | 10.0 | 315.0 | 11.4 | 309.0 |
| 06:45 | 10.0 | 315.0 | 11.8 | 311.0 |
| 07:00 | 10.0 | 315.6 | 12.2 | 313.0 |
| 07:15 | 12.1 | 317.0 | 12.6 | 315.3 |
| 07:30 | 12.0 | 321.0 | | |
| 07:45 | | | | |
| 08:00 | | | | |
| 08:15 | | | | |
| 08:30 | | | | |
| 08:45 | | | | |
| 09:00 | | | | |
| 09:15 | | | | |
| 09:30 | | | | |
| 09:45 | | | | |
| 10:00 | 11.1 | 10.5 | | |
| 10:15 | 10.9 | 19.8 | | |
| 10:30 | | | | |
| 10:45 | | | | |
| 11:00 | | | | |
| 11:15 | | | | |
| 11:30 | | | | |
| 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 | | | | |
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| 22:45 | | | | |
| 23:00 | | | | |
| 23:15 | | | | |
| 23:30 | | | | |
| 23:45 | | | | |
| Avg | 10.4 | 270.3 | 10.4 | 301.1 |
| Max | 12.1 | 321.0 | 12.6 | 315.3 |
| Max Time | 07:15 | 07:30 | 07:15 | 07:15 |
| Min | 8.7 | 10.5 | 9.0 | 271.9 |
| Count | 33 | 33 | 18 | 18 |
| Total | | | | |