

Daily Summary Report

Site: Y12 PR Sodar

6/4/2019

Interval: 015m

| | 04_WS060m | 05_WDir060m | 06_WS100m | 07_WDir100m | 08_WS140m | 09_WDir140m | 10_WS180m | 11_WDir180m | 12_WS240m |
|-------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| Time | M/SEC | DEG | M/SEC | DEG | KPH | DEG | M/SEC | DEG | M/SEC |
| 00:00 | 6.6 | 27.4 | 7.1 | 32.9 | 8.4 | 34.3 | 9.3 | 41.3 | 10.1 |
| 00:15 | 7.9 | 20.7 | 6.2 | 34.1 | 8.7 | 37.2 | 9.2 | 42.8 | 9.9 |
| 00:30 | 6.8 | 30.0 | 5.6 | 32.2 | 8.8 | 39.0 | 9.2 | 41.7 | 9.4 |
| 00:45 | 5.6 | 41.9 | 5.5 | 40.5 | 8.5 | 40.2 | 9.3 | 45.9 | 9.5 |
| 01:00 | 6.9 | 42.3 | 5.7 | 39.3 | 8.2 | 42.7 | 9.1 | 50.2 | 9.6 |
| 01:15 | 8.4 | 38.5 | 7.3 | 49.6 | 8.2 | 42.2 | 9.1 | 48.2 | 9.7 |
| 01:30 | 7.6 | 30.6 | 6.2 | 53.7 | 7.8 | 43.8 | 8.9 | 50.1 | 10.0 |
| 01:45 | 5.5 | 30.8 | 5.5 | 40.6 | 7.8 | 47.9 | 8.7 | 55.4 | 9.7 |
| 02:00 | 5.4 | 46.9 | 6.1 | 39.3 | 8.0 | 45.3 | 8.4 | 54.4 | 9.3 |
| 02:15 | 5.5 | 51.1 | 6.6 | 33.3 | 8.0 | 45.4 | 8.2 | 52.9 | 9.4 |
| 02:30 | 6.3 | 50.0 | 6.2 | 40.4 | 8.0 | 50.2 | 8.2 | 53.4 | 9.3 |
| 02:45 | 6.7 | 53.7 | 6.3 | 46.0 | 7.8 | 48.5 | 8.2 | 53.3 | 9.2 |
| 03:00 | 6.0 | 57.1 | 6.4 | 45.7 | 7.2 | 46.0 | 7.8 | 53.8 | 8.7 |
| 03:15 | 4.3 | 58.8 | 5.3 | 46.6 | 6.9 | 47.8 | 7.5 | 54.4 | 8.3 |
| 03:30 | 3.2 | 48.6 | 5.4 | 52.5 | 6.6 | 48.5 | 7.6 | 55.5 | 8.4 |
| 03:45 | 3.8 | 48.6 | 5.2 | 40.0 | 6.7 | 47.6 | 7.9 | 56.1 | 9.0 |
| 04:00 | 3.7 | 60.7 | 5.0 | 25.0 | 6.9 | 46.9 | 7.8 | 54.9 | 9.1 |
| 04:15 | 2.9 | 74.3 | 6.0 | 61.0 | 6.8 | 45.6 | 7.6 | 53.8 | 8.7 |
| 04:30 | 3.0 | 79.6 | 6.1 | 48.1 | 7.2 | 47.2 | 7.9 | 53.5 | 8.5 |
| 04:45 | 3.5 | 64.4 | 6.2 | 53.0 | 7.1 | 52.3 | 8.0 | 56.2 | 8.4 |
| 05:00 | 4.7 | 53.6 | 6.1 | 50.7 | 6.7 | 51.7 | 7.8 | 55.7 | 8.5 |
| 05:15 | 4.9 | 48.5 | 5.6 | 45.5 | 7.0 | 49.9 | 8.0 | 52.4 | 8.7 |
| 05:30 | 4.5 | 41.0 | 6.9 | 55.4 | 7.4 | 47.1 | 8.1 | 51.5 | 8.3 |
| 05:45 | 4.2 | 33.9 | 6.2 | 47.6 | 7.4 | 46.0 | 7.8 | 52.3 | 8.2 |
| 06:00 | 4.0 | 48.0 | 5.3 | 45.8 | 7.3 | 46.0 | 7.6 | 50.3 | 8.2 |
| 06:15 | 3.7 | 59.6 | 6.6 | 50.6 | 7.3 | 47.5 | 7.6 | 51.4 | 7.8 |
| 06:30 | 3.3 | 56.1 | 6.6 | 59.7 | 7.0 | 48.3 | 7.4 | 54.8 | 8.0 |
| 06:45 | 3.6 | 44.0 | 6.5 | 64.5 | 6.7 | 49.1 | 7.3 | 54.8 | 8.4 |
| 07:00 | 4.3 | 39.6 | 6.8 | 48.0 | 7.4 | 49.5 | 7.8 | 55.0 | 8.7 |
| 07:15 | 5.8 | 51.5 | 7.5 | 52.9 | 7.7 | 50.6 | 8.1 | 56.7 | 8.9 |
| 07:30 | 7.9 | 53.8 | 6.7 | 58.9 | 8.1 | 51.3 | 8.3 | 54.1 | 9.0 |
| 07:45 | 8.9 | 60.8 | 5.4 | 40.7 | 8.5 | 50.0 | 8.7 | 53.3 | 8.9 |
| 08:00 | 6.1 | 55.3 | 5.3 | 46.5 | 8.2 | 52.3 | 8.6 | 57.6 | 8.8 |
| 08:15 | 5.7 | 52.5 | 5.2 | 44.6 | 7.9 | 53.3 | 8.4 | 60.3 | 9.3 |
| 08:30 | 6.8 | 48.1 | 5.2 | 46.4 | 7.5 | 53.7 | 8.2 | 61.3 | 9.6 |
| 08:45 | 5.8 | 42.6 | 5.8 | 57.1 | 7.1 | 54.2 | 8.0 | 61.2 | 9.4 |
| 09:00 | 4.1 | 46.1 | 5.1 | 55.8 | 6.9 | 57.4 | 7.8 | 65.0 | 9.4 |
| 09:15 | 3.6 | 43.2 | 3.7 | 48.8 | 6.8 | 60.8 | 7.7 | 68.7 | 9.4 |
| 09:30 | 2.9 | 52.0 | 2.7 | 45.3 | 6.0 | 57.5 | 4.8 | 61.3 | 8.3 |
| 09:45 | 2.4 | 56.6 | 1.5 | 52.5 | 5.0 | 54.1 | 4.6 | 51.2 | 7.3 |
| 10:00 | 2.1 | 68.2 | 2.0 | 63.9 | 4.5 | 59.4 | 4.2 | 49.2 | 6.5 |
| 10:15 | 2.6 | 70.0 | 1.9 | 55.8 | 3.9 | 57.1 | 3.2 | 48.8 | 4.9 |
| 10:30 | 2.5 | 57.5 | 2.1 | 46.9 | 3.9 | 50.6 | 2.3 | 51.1 | 4.2 |
| 10:45 | 1.7 | 15.0 | 2.0 | 43.1 | 3.6 | 52.7 | 1.3 | 72.1 | 3.8 |
| 11:00 | .9 | 342.9 | 1.4 | 27.4 | 2.9 | 52.2 | 2.0 | 1.2 | 3.1 |
| 11:15 | 1.3 | 290.3 | 1.2 | 25.4 | 2.3 | 50.3 | 4.0 | 351.7 | 1.9 |
| 11:30 | 1.7 | 213.6 | 1.1 | 340.0 | 1.4 | 69.8 | 2.9 | 45.9 | 1.0 |
| 11:45 | 1.3 | 295.3 | 1.5 | 336.1 | 1.8 | 359.9 | 3.1 | 122.7 | 1.7 |
| 12:00 | 3.8 | 316.7 | 3.0 | 336.0 | 3.4 | 345.7 | 3.3 | 113.1 | 3.8 |
| 12:15 | 1.3 | 293.7 | 1.0 | 14.5 | 2.1 | 47.9 | 3.9 | 109.6 | 2.5 |
| 12:30 | 2.4 | 270.0 | .7 | 136.1 | | | 2.5 | 157.5 | 3.4 |

Daily Summary Report

Site: Y12 PR Sodar

6/4/2019

Interval: 015m

| | 13_WDir240m | 14_WS300m | 15_WDir300m | 16_WS400m | 17_WDir400m | 18_WS500m | 19_WDir500m | 20_WS600m | 21_WDir600m |
|-------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| Time | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 00:00 | 45.7 | 11.6 | 47.4 | 12.0 | 59.0 | | | | |
| 00:15 | 48.4 | 11.3 | 52.2 | 11.9 | 64.8 | | | | |
| 00:30 | 49.4 | 10.2 | 55.1 | 10.0 | 73.3 | | | | |
| 00:45 | 52.6 | 10.5 | 58.4 | 10.3 | 73.0 | | | | |
| 01:00 | 56.8 | 10.7 | 64.1 | 10.5 | 72.0 | | | | |
| 01:15 | 58.1 | 10.1 | 63.8 | 10.8 | 71.0 | | | | |
| 01:30 | 60.3 | 10.3 | 64.7 | 11.0 | 70.0 | | | | |
| 01:45 | 63.7 | 10.1 | 70.7 | 11.0 | 69.0 | | | | |
| 02:00 | 63.8 | 10.1 | 72.2 | 11.0 | 69.0 | | | | |
| 02:15 | 63.0 | 10.3 | 69.6 | 11.3 | 69.0 | | | | |
| 02:30 | 63.8 | 10.1 | 68.0 | 11.3 | 69.0 | | | 8.2 | 78.4 |
| 02:45 | 64.5 | 9.8 | 68.1 | 11.3 | 69.6 | 10.0 | 75.0 | 8.5 | 82.0 |
| 03:00 | 64.4 | 9.4 | 70.5 | 11.0 | 76.0 | 9.8 | 72.0 | 8.5 | 68.0 |
| 03:15 | 65.5 | 9.1 | 74.1 | 11.8 | 90.2 | 11.5 | 93.0 | 9.0 | 85.0 |
| 03:30 | 67.4 | 9.4 | 73.9 | 12.5 | 89.1 | 12.3 | 84.0 | 11.0 | 81.0 |
| 03:45 | 68.0 | 10.5 | 72.9 | 13.0 | 83.0 | 11.8 | 91.0 | 10.5 | 103.0 |
| 04:00 | 66.4 | 10.4 | 73.4 | 14.0 | 75.0 | 13.0 | 80.0 | 12.0 | 83.0 |
| 04:15 | 63.0 | 10.0 | 72.7 | 15.5 | 68.0 | 14.3 | 67.0 | 13.0 | 65.0 |
| 04:30 | 61.5 | 10.2 | 71.9 | 14.0 | 72.0 | 12.0 | 73.0 | 10.0 | 74.0 |
| 04:45 | 65.0 | 10.0 | 73.5 | 12.0 | 80.0 | 9.5 | 78.0 | 8.5 | 77.0 |
| 05:00 | 66.7 | 9.6 | 75.4 | 12.5 | 78.0 | 10.0 | 72.0 | 7.5 | 66.0 |
| 05:15 | 63.8 | 9.9 | 73.6 | 13.0 | 78.0 | 10.0 | 73.0 | 8.0 | 68.0 |
| 05:30 | 61.6 | 9.9 | 72.3 | 13.0 | 79.0 | 10.5 | 74.0 | 8.0 | 69.0 |
| 05:45 | 61.1 | 9.4 | 72.7 | 13.2 | 83.8 | 11.0 | 87.0 | 9.0 | 92.0 |
| 06:00 | 60.3 | 9.3 | 73.3 | 12.8 | 80.0 | 11.8 | 86.0 | 11.0 | 92.0 |
| 06:15 | 63.2 | 9.4 | 74.5 | 11.8 | 74.0 | 10.5 | 77.0 | 9.8 | 81.0 |
| 06:30 | 67.4 | 9.4 | 77.3 | 11.5 | 76.0 | | | | |
| 06:45 | 68.2 | 9.7 | 80.0 | 11.0 | 78.0 | | | | |
| 07:00 | 67.3 | 10.0 | 77.4 | 10.5 | 80.0 | | | | |
| 07:15 | 67.2 | 10.5 | 72.5 | 10.0 | 82.0 | | | | |
| 07:30 | 65.1 | 9.7 | 69.9 | 10.0 | 84.0 | | | | |
| 07:45 | 64.2 | 9.4 | 71.7 | 101.0 | 85.0 | | | | |
| 08:00 | 68.7 | 10.4 | 75.1 | 10.0 | 87.0 | | | | |
| 08:15 | 69.4 | 11.1 | 77.9 | 10.0 | 89.0 | | | | |
| 08:30 | 70.2 | 10.8 | 80.6 | 10.0 | 90.2 | | | | |
| 08:45 | 73.6 | 10.8 | 79.6 | 8.2 | 92.6 | | | | |
| 09:00 | 78.0 | 10.7 | 80.5 | 7.9 | 89.4 | | | | |
| 09:15 | 80.2 | 10.3 | 84.5 | 9.1 | 93.7 | | | | |
| 09:30 | 74.9 | 9.7 | 84.3 | 8.0 | 94.0 | | | | |
| 09:45 | 67.9 | 8.7 | 81.3 | 7.0 | 94.2 | | | | |
| 10:00 | 66.4 | 7.8 | 80.3 | 6.8 | 96.8 | | | | |
| 10:15 | 68.5 | 6.2 | 83.2 | 6.2 | 104.6 | | | | |
| 10:30 | 64.5 | 5.0 | 82.0 | 5.8 | 106.4 | | | | |
| 10:45 | 58.1 | 4.0 | 80.0 | 5.6 | 104.4 | | | | |
| 11:00 | 52.0 | 3.2 | 73.3 | 5.0 | 98.7 | | | | |
| 11:15 | 62.3 | 2.5 | 72.9 | 3.6 | 98.0 | | | | |
| 11:30 | 113.7 | 1.4 | 96.7 | 2.6 | 114.9 | | | | |
| 11:45 | 27.7 | 1.4 | 59.4 | 1.6 | 136.8 | 6.6 | 208.2 | | |
| 12:00 | 5.0 | 1.8 | 17.6 | 1.2 | 140.0 | 5.0 | 183.8 | 7.5 | 182.6 |
| 12:15 | 57.2 | 1.6 | 86.0 | 1.9 | 172.6 | 5.9 | 170.3 | 8.0 | 183.0 |
| 12:30 | 128.0 | 3.3 | 136.5 | 3.5 | 186.1 | 6.9 | 175.0 | 8.5 | 185.0 |

Daily Summary Report

Site: Y12 PR Sodar

6/4/2019

Interval: 015m

| | 22_WS700m | 23_WDir700m | 24_WS800m | 25_WDir800m |
|-------|-----------|-------------|-----------|-------------|
| Time | M/SEC | DEG | 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 | 9.2 | 75.5 | 6.5 | 88.5 |
| 02:45 | 7.5 | 81.0 | 9.0 | 87.0 |
| 03:00 | 6.5 | 79.0 | 9.4 | 76.8 |
| 03:15 | 7.4 | 80.1 | 8.5 | 73.1 |
| 03:30 | 8.6 | 75.4 | 8.1 | 84.3 |
| 03:45 | 8.5 | 82.5 | 8.5 | 81.0 |
| 04:00 | 10.0 | 74.0 | 8.8 | 76.9 |
| 04:15 | 12.0 | 64.0 | 5.9 | 71.8 |
| 04:30 | 10.0 | 75.0 | 8.0 | 86.7 |
| 04:45 | 7.0 | 77.0 | 8.5 | 95.2 |
| 05:00 | 6.6 | 62.1 | 5.4 | 98.0 |
| 05:15 | 5.6 | 61.2 | 6.0 | 100.0 |
| 05:30 | 5.8 | 62.6 | 6.0 | 102.0 |
| 05:45 | 6.4 | 78.6 | 6.2 | 104.0 |
| 06:00 | 10.2 | 93.5 | | |
| 06:15 | 8.4 | 88.5 | | |
| 06:30 | | | | |
| 06:45 | | | | |
| 07:00 | | | | |
| 07:15 | | | | |
| 07:30 | | | | |
| 07:45 | | | | |
| 08:00 | | | | |
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| 11:30 | | | | |
| 11:45 | | | | |
| 12:00 | | | | |
| 12:15 | | | | |
| 12:30 | | | | |

| | 22_WS700m | 23_WDir700m | 24_WS800m | 25_WDir800m |
|-----------------|-----------|-------------|-----------|-------------|
| Time | M/SEC | DEG | M/SEC | DEG |
| 12:45 | | | | |
| 13:00 | 6.9 | 199.3 | | |
| 13:15 | 4.8 | 183.6 | | |
| 13:30 | 6.5 | 209.1 | | |
| 13:45 | 8.8 | 207.0 | | |
| 14:00 | 8.3 | 182.7 | | |
| 14:15 | 7.9 | 211.2 | | |
| 14:30 | 7.6 | 233.2 | | |
| 14:45 | 8.9 | 240.0 | | |
| 15:00 | | | | |
| 15:15 | | | | |
| 15:30 | | | | |
| 15:45 | | | | |
| 16:00 | | | | |
| 16:15 | | | | |
| 16:30 | | | | |
| 16:45 | | | | |
| 17:00 | | | | |
| 17:15 | | | | |
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| 20:00 | | | | |
| 20:15 | | | | |
| 20:30 | | | | |
| 20:45 | | | | |
| 21:00 | | | | |
| 21:15 | | | | |
| 21:30 | 14.7 | 224.8 | | |
| 21:45 | 14.2 | 221.9 | | |
| 22:00 | 12.5 | 218.0 | | |
| 22:15 | 12.1 | 218.0 | | |
| 22:30 | 12.7 | 218.0 | | |
| 22:45 | 15.2 | 226.0 | | |
| 23:00 | 17.4 | 225.1 | | |
| 23:15 | | | | |
| 23:30 | | | | |
| 23:45 | | | | |
| Avg | 9.3 | 138.0 | 7.5 | 87.0 |
| Max | 17.4 | 240.0 | 9.4 | 104.0 |
| Max Time | 23:00 | 14:45 | 03:00 | 05:45 |
| Min | 4.8 | 61.2 | 5.4 | 71.8 |
| Count | 31 | 31 | 14 | 14 |
| Total | | | | |