

Daily Summary Report

Site: Y12 PR Sodar

6/9/2019

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 | 2.2 | 44.0 | 2.2 | 76.2 | 3.9 | 74.3 | 6.4 | 83.2 | 6.0 |
| 00:15 | 1.8 | 43.0 | 2.3 | 76.5 | 3.4 | 74.6 | 7.0 | 82.0 | 5.6 |
| 00:30 | 1.4 | 42.1 | 2.2 | 82.9 | 3.8 | 82.9 | 7.6 | 80.3 | 5.9 |
| 00:45 | 2.2 | 53.7 | 2.1 | 81.5 | 4.7 | 79.7 | 6.7 | 75.7 | 6.8 |
| 01:00 | 2.8 | 56.8 | 2.3 | 81.2 | 5.6 | 78.4 | 6.1 | 73.4 | 7.6 |
| 01:15 | 3.1 | 64.9 | 3.0 | 74.0 | 6.1 | 77.8 | 5.5 | 72.8 | 7.8 |
| 01:30 | 2.9 | 59.1 | 2.1 | 62.8 | 5.5 | 73.2 | 5.0 | 73.5 | 7.6 |
| 01:45 | 2.4 | 50.3 | 3.0 | 77.0 | 4.8 | 71.0 | 5.2 | 74.9 | 7.1 |
| 02:00 | 2.0 | 48.3 | 2.5 | 74.0 | 4.0 | 71.6 | 5.0 | 72.1 | 6.5 |
| 02:15 | 2.4 | 49.7 | 3.5 | 80.3 | 3.4 | 70.1 | 4.9 | 72.2 | 6.0 |
| 02:30 | 2.5 | 53.8 | 4.9 | 85.6 | 3.7 | 71.3 | 5.0 | 70.1 | 6.0 |
| 02:45 | 2.3 | 49.3 | 2.0 | 71.0 | 3.8 | 69.7 | 4.9 | 64.9 | 6.0 |
| 03:00 | 1.8 | 49.8 | 2.0 | 70.0 | 3.7 | 70.6 | 4.9 | 64.9 | 6.3 |
| 03:15 | 1.3 | 60.2 | 3.2 | 73.5 | 3.9 | 67.7 | 4.8 | 69.3 | 6.0 |
| 03:30 | 1.1 | 56.9 | 2.0 | 100.0 | 4.0 | 61.1 | 4.7 | 73.7 | 5.9 |
| 03:45 | 1.4 | 50.1 | 2.0 | 90.0 | 4.0 | 61.8 | 5.0 | 74.3 | 5.8 |
| 04:00 | 1.7 | 54.4 | 1.9 | 74.9 | 3.9 | 70.1 | 5.6 | 76.2 | 5.8 |
| 04:15 | 2.0 | 57.9 | 1.8 | 79.1 | 3.5 | 76.0 | 5.5 | 80.7 | 5.8 |
| 04:30 | 2.4 | 61.3 | 3.0 | 83.1 | 3.7 | 78.4 | 5.8 | 83.4 | 5.8 |
| 04:45 | 2.4 | 53.7 | .9 | 86.0 | 3.8 | 77.4 | 6.0 | 82.0 | 6.3 |
| 05:00 | 2.2 | 60.6 | .7 | 81.2 | 4.0 | 78.0 | 5.2 | 78.4 | 6.6 |
| 05:15 | 2.1 | 68.3 | 1.7 | 86.8 | 4.5 | 82.3 | 5.2 | 77.3 | 7.0 |
| 05:30 | 1.6 | 56.0 | 1.7 | 79.1 | 4.1 | 81.8 | 5.1 | 77.5 | 7.0 |
| 05:45 | 1.7 | 58.0 | 1.8 | 80.3 | 3.8 | 79.2 | 5.4 | 80.2 | 6.6 |
| 06:00 | 1.9 | 61.0 | 1.9 | 77.0 | 4.1 | 74.5 | 5.7 | 80.9 | 6.3 |
| 06:15 | 1.7 | 58.7 | 1.3 | 68.1 | 4.2 | 72.0 | 5.5 | 79.0 | 6.2 |
| 06:30 | 1.6 | 58.3 | 1.5 | 87.0 | 4.3 | 75.2 | 4.7 | 78.1 | 6.4 |
| 06:45 | 1.8 | 56.0 | 2.0 | 87.0 | 4.2 | 79.1 | 4.3 | 78.5 | 7.0 |
| 07:00 | 2.4 | 53.1 | 2.0 | 86.0 | 4.1 | 78.9 | 4.7 | 73.5 | 6.4 |
| 07:15 | 2.5 | 65.6 | 2.0 | 83.0 | 3.5 | 79.6 | 5.2 | 74.0 | 5.9 |
| 07:30 | 2.3 | 72.1 | 1.6 | 68.8 | 3.2 | 78.9 | 5.6 | 73.7 | 4.6 |
| 07:45 | 2.3 | 71.0 | 2.1 | 80.0 | 3.6 | 70.6 | 5.5 | 68.9 | 4.4 |
| 08:00 | 2.3 | 70.0 | 3.0 | 80.3 | 4.4 | 72.4 | 4.8 | 68.1 | 5.0 |
| 08:15 | 2.3 | 69.8 | 3.8 | 78.7 | 4.7 | 72.8 | 4.7 | 72.8 | 6.3 |
| 08:30 | 2.2 | 57.4 | 1.9 | 60.0 | 4.5 | 62.3 | 4.9 | 73.6 | 6.2 |
| 08:45 | 2.5 | 43.1 | 2.0 | 58.0 | 4.2 | 57.4 | 4.5 | 72.7 | 5.6 |
| 09:00 | 2.2 | 46.6 | 2.0 | 40.0 | 4.2 | 66.9 | 4.2 | 74.3 | 5.0 |
| 09:15 | 1.5 | 51.0 | 2.0 | 76.1 | 4.1 | 72.5 | 3.8 | 75.3 | 5.0 |
| 09:30 | 1.1 | 56.0 | 1.2 | 77.6 | 3.0 | 73.0 | 3.6 | 73.9 | 4.9 |
| 09:45 | 1.0 | 42.7 | 1.2 | 78.4 | 3.3 | 71.7 | 3.7 | 74.6 | 4.4 |
| 10:00 | .5 | 8.1 | 1.6 | 80.9 | 3.0 | 77.0 | 3.3 | 73.6 | 4.0 |
| 10:15 | .1 | 288.9 | 1.3 | 81.7 | 2.5 | 80.8 | 2.5 | 71.0 | 3.7 |
| 10:30 | | | 1.1 | 77.8 | 2.0 | 78.0 | | | 3.5 |
| 10:45 | | | .9 | 72.1 | 2.1 | 69.2 | | | 3.5 |
| 11:00 | .5 | 179.1 | .5 | 69.4 | 1.6 | 74.4 | | | 3.0 |
| 11:15 | .6 | 133.0 | .8 | 76.8 | 1.5 | 80.1 | | | 3.0 |
| 11:30 | .5 | 110.2 | .8 | 69.3 | 1.5 | 77.1 | | | 3.0 |
| 11:45 | .7 | 12.8 | .7 | 68.2 | 1.8 | 85.0 | 2.6 | 110.0 | 2.8 |
| 12:00 | 1.1 | 355.3 | .3 | 51.4 | 2.0 | 90.0 | 2.6 | 124.8 | 2.9 |
| 12:15 | .4 | 7.6 | .2 | 330.5 | 2.0 | 95.0 | 3.1 | 141.4 | 3.0 |
| 12:30 | .7 | 41.7 | .1 | 1.8 | 2.3 | 100.2 | 2.2 | 125.6 | 3.1 |

Daily Summary Report

Site: Y12 PR Sodar

6/9/2019

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 | 90.0 | 6.5 | 105.9 | 6.8 | 126.3 | 7.9 | 140.4 | 15.5 | 136.1 |
| 00:15 | 84.0 | 6.0 | 96.0 | 7.2 | 117.5 | 8.3 | 134.2 | 11.8 | 138.6 |
| 00:30 | 94.0 | 5.9 | 103.8 | 7.0 | 124.3 | 8.3 | 138.9 | 10.9 | 146.1 |
| 00:45 | 95.0 | 7.1 | 110.3 | 6.6 | 130.6 | 8.4 | 144.5 | 11.0 | 149.2 |
| 01:00 | 90.3 | 8.1 | 102.3 | 7.0 | 119.6 | 8.1 | 132.7 | 9.5 | 138.8 |
| 01:15 | 86.1 | 8.4 | 96.5 | 7.3 | 114.6 | 8.7 | 121.0 | 8.3 | 131.3 |
| 01:30 | 81.9 | 8.7 | 92.2 | 7.1 | 114.8 | 7.7 | 123.2 | 9.1 | 130.7 |
| 01:45 | 80.6 | 8.0 | 90.0 | 7.2 | 113.0 | 7.2 | 128.8 | 12.0 | 131.1 |
| 02:00 | 80.7 | 7.5 | 90.0 | 7.7 | 109.3 | 7.0 | 129.2 | 10.7 | 135.0 |
| 02:15 | 81.0 | 7.0 | 90.0 | 7.5 | 109.4 | 6.8 | 128.0 | 9.6 | 137.4 |
| 02:30 | 83.0 | 7.5 | 93.0 | 6.9 | 116.7 | 7.0 | 135.6 | 9.5 | 142.8 |
| 02:45 | 82.0 | 7.0 | 94.0 | 6.4 | 123.4 | 7.2 | 142.6 | 9.7 | 145.9 |
| 03:00 | 78.9 | 6.9 | 93.0 | 6.1 | 125.7 | 7.4 | 138.9 | 9.3 | 144.6 |
| 03:15 | 77.5 | 6.6 | 93.0 | 6.0 | 124.8 | 7.5 | 133.8 | 9.9 | 139.3 |
| 03:30 | 74.7 | 6.0 | 90.0 | 5.5 | 126.9 | 7.0 | 140.2 | 10.0 | 143.0 |
| 03:45 | 75.0 | 6.0 | 94.0 | 5.6 | 132.4 | 6.6 | 149.1 | 10.5 | 147.0 |
| 04:00 | 78.4 | 6.2 | 95.0 | 6.0 | 128.7 | 6.4 | 147.6 | 11.0 | 150.0 |
| 04:15 | 79.6 | 6.4 | 96.0 | 6.3 | 126.8 | 6.5 | 145.7 | 11.1 | 154.7 |
| 04:30 | 80.1 | 6.7 | 95.0 | 6.3 | 129.7 | 6.6 | 150.8 | 9.0 | 158.0 |
| 04:45 | 82.3 | 7.2 | 95.0 | 6.0 | 125.2 | 6.3 | 151.2 | 8.4 | 161.3 |
| 05:00 | 86.7 | 7.4 | 96.0 | 6.4 | 122.1 | 6.9 | 149.9 | 8.1 | 166.0 |
| 05:15 | 90.0 | 7.4 | 99.4 | 6.9 | 118.8 | 9.1 | 145.4 | 8.2 | 160.6 |
| 05:30 | 88.0 | 6.8 | 102.2 | 5.7 | 117.6 | 6.0 | 155.4 | 7.1 | 158.2 |
| 05:45 | 87.1 | 6.5 | 99.3 | 4.8 | 124.4 | 4.8 | 150.1 | 7.1 | 157.2 |
| 06:00 | 86.4 | 6.0 | 100.0 | 4.7 | 122.9 | 5.2 | 141.6 | 7.6 | 153.4 |
| 06:15 | 84.9 | 6.7 | 95.9 | 5.1 | 118.9 | 5.5 | 134.9 | 7.3 | 157.2 |
| 06:30 | 87.0 | 7.3 | 94.2 | 6.0 | 111.9 | 5.6 | 124.6 | 7.1 | 153.2 |
| 06:45 | 87.0 | 7.4 | 94.5 | 5.9 | 109.7 | 4.9 | 131.4 | 6.7 | 145.3 |
| 07:00 | 86.5 | 6.8 | 99.0 | 5.8 | 118.9 | 5.4 | 140.0 | 7.3 | 147.5 |
| 07:15 | 88.0 | 6.5 | 100.5 | 5.6 | 129.4 | 6.2 | 150.3 | 8.5 | 154.1 |
| 07:30 | 93.0 | 5.0 | 110.4 | 5.5 | 142.9 | 6.7 | 154.2 | 10.3 | 157.8 |
| 07:45 | 95.0 | 4.1 | 121.8 | 5.3 | 153.1 | 7.4 | 151.4 | 11.4 | 149.1 |
| 08:00 | 88.0 | 4.5 | 103.6 | 3.7 | 128.8 | 5.8 | 135.2 | 9.6 | 138.9 |
| 08:15 | 85.1 | 5.4 | 88.2 | 3.7 | 113.3 | 5.9 | 121.6 | 7.6 | 133.7 |
| 08:30 | 80.0 | 5.5 | 87.0 | 4.6 | 112.3 | 6.6 | 124.0 | 7.7 | 137.0 |
| 08:45 | 78.9 | 5.1 | 95.5 | 5.1 | 122.4 | 8.0 | 135.0 | 8.0 | 145.0 |
| 09:00 | 84.8 | 5.4 | 104.3 | 5.0 | 131.5 | 6.2 | 160.7 | 8.5 | 155.0 |
| 09:15 | 86.5 | 5.5 | 105.9 | 4.8 | 135.7 | 6.8 | 160.5 | 9.0 | 165.0 |
| 09:30 | 86.8 | 5.0 | 108.2 | 4.8 | 142.5 | 8.0 | 165.0 | 9.0 | 175.0 |
| 09:45 | 86.3 | 4.6 | 107.2 | 4.8 | 141.1 | 9.0 | 172.0 | 8.5 | 167.7 |
| 10:00 | 85.0 | 3.9 | 104.8 | 4.6 | 144.9 | 8.5 | 172.0 | 8.5 | 168.0 |
| 10:15 | 87.4 | 3.3 | 113.7 | 5.2 | 155.8 | 8.0 | 172.0 | 8.4 | 169.0 |
| 10:30 | 90.2 | 3.3 | 119.3 | 5.5 | 158.3 | 7.5 | 171.0 | 8.3 | 170.0 |
| 10:45 | 95.0 | 3.5 | 117.2 | 4.4 | 156.2 | 7.0 | 171.0 | 8.2 | 171.0 |
| 11:00 | 90.0 | 3.5 | 114.7 | 4.1 | 150.5 | 6.7 | 170.2 | 8.1 | 171.0 |
| 11:15 | 97.0 | 3.3 | 113.6 | 4.3 | 146.0 | 5.3 | 168.2 | 8.0 | 172.0 |
| 11:30 | 104.0 | 3.1 | 128.3 | 5.2 | 153.5 | 7.2 | 175.0 | 8.0 | 173.0 |
| 11:45 | 111.9 | 3.1 | 134.2 | 6.0 | 156.9 | 6.7 | 182.0 | 7.9 | 174.0 |
| 12:00 | 112.0 | 2.8 | 126.8 | 4.4 | 151.6 | 6.1 | 188.8 | 7.8 | 175.0 |
| 12:15 | 111.8 | 2.8 | 128.7 | 4.3 | 152.1 | | | 7.7 | 176.0 |
| 12:30 | 124.1 | 3.1 | 138.6 | 4.7 | 157.2 | 7.7 | 158.9 | 7.6 | 177.7 |

Daily Summary Report

Site: Y12 PR Sodar

6/9/2019

Interval: 015m

| | 22_WS700m | 23_WDir700m | 24_WS800m | 25_WDir800m |
|-------|-----------|-------------|-----------|-------------|
| Time | M/SEC | DEG | M/SEC | DEG |
| 00:00 | 14.0 | 139.6 | | |
| 00:15 | 15.3 | 143.2 | | |
| 00:30 | 13.4 | 144.7 | | |
| 00:45 | 14.0 | 141.0 | | |
| 01:00 | 14.8 | 138.0 | | |
| 01:15 | 12.5 | 132.3 | 14.8 | 136.0 |
| 01:30 | 14.0 | 126.0 | 15.3 | 135.0 |
| 01:45 | 13.8 | 128.0 | | |
| 02:00 | 13.8 | 130.0 | | |
| 02:15 | 13.8 | 133.0 | | |
| 02:30 | 13.6 | 136.5 | | |
| 02:45 | 13.5 | 138.0 | | |
| 03:00 | 13.3 | 140.0 | | |
| 03:15 | 13.0 | 142.0 | | |
| 03:30 | 13.0 | 144.0 | | |
| 03:45 | 12.5 | 146.0 | | |
| 04:00 | 12.5 | 148.0 | | |
| 04:15 | 12.1 | 152.8 | | |
| 04:30 | 12.4 | 160.2 | | |
| 04:45 | 12.6 | 162.3 | | |
| 05:00 | 11.8 | 161.7 | | |
| 05:15 | 13.3 | 159.3 | | |
| 05:30 | 13.0 | 159.0 | | |
| 05:45 | 13.0 | 158.0 | | |
| 06:00 | 12.5 | 158.0 | | |
| 06:15 | 12.5 | 157.0 | | |
| 06:30 | 12.0 | 157.0 | | |
| 06:45 | 12.0 | 156.0 | | |
| 07:00 | 11.5 | 156.0 | | |
| 07:15 | 11.5 | 155.0 | | |
| 07:30 | 11.0 | 155.0 | | |
| 07:45 | 11.0 | 154.0 | | |
| 08:00 | 10.5 | 154.0 | | |
| 08:15 | 10.5 | 155.0 | | |
| 08:30 | 10.1 | 154.7 | | |
| 08:45 | | | | |
| 09:00 | | | | |
| 09:15 | | | | |
| 09:30 | | | | |
| 09:45 | | | | |
| 10:00 | | | | |
| 10:15 | | | | |
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| 11:00 | | | | |
| 11:15 | | | | |
| 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 | | | | |
| 13:15 | | | | |
| 13:30 | | | | |
| 13:45 | | | | |
| 14:00 | | | | |
| 14:15 | | | | |
| 14:30 | | | | |
| 14:45 | 10.5 | 140.4 | | |
| 15:00 | 11.1 | 132.7 | | |
| 15:15 | 11.0 | 133.0 | | |
| 15:30 | 10.5 | 133.0 | | |
| 15:45 | 10.0 | 133.0 | | |
| 16:00 | 9.6 | 133.7 | 11.3 | 140.8 |
| 16:15 | 7.0 | 161.0 | 8.6 | 154.0 |
| 16:30 | 5.5 | 139.0 | 7.1 | 128.5 |
| 16:45 | 7.0 | 138.0 | 10.2 | 117.0 |
| 17:00 | 8.6 | 137.5 | | |
| 17:15 | | | | |
| 17:30 | | | | |
| 17:45 | | | | |
| 18:00 | | | | |
| 18:15 | | | | |
| 18:30 | | | | |
| 18:45 | | | | |
| 19:00 | | | | |
| 19:15 | | | | |
| 19:30 | | | | |
| 19:45 | | | | |
| 20:00 | | | | |
| 20:15 | | | | |
| 20:30 | | | | |
| 20:45 | | | | |
| 21:00 | | | | |
| 21:15 | | | | |
| 21:30 | | | | |
| 21:45 | 6.3 | 224.8 | 14.3 | 225.8 |
| 22:00 | 8.9 | 237.0 | 12.2 | 216.7 |
| 22:15 | 9.0 | 230.0 | | |
| 22:30 | 9.5 | 224.0 | | |
| 22:45 | 10.0 | 217.0 | | |
| 23:00 | 10.0 | 210.0 | | |
| 23:15 | 10.3 | 203.2 | | |
| 23:30 | | | | |
| 23:45 | | | | |
| Avg | 11.5 | 154.0 | 11.7 | 153.0 |
| Max | 15.3 | 237.0 | 15.3 | 225.8 |
| Max Time | 00:15 | 22:00 | 01:30 | 21:45 |
| Min | 5.5 | 126.0 | 7.1 | 117.0 |
| Count | 52 | 52 | 8 | 8 |
| Total | | | | |