

Daily Summary Report

Site: Y12 PR Sodar

5/9/2019

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 | 5.3 | 180.7 | 5.6 | 172.1 | 8.5 | 165.5 | 9.7 | 165.0 | 9.7 |
| 00:15 | 5.2 | 164.7 | 5.0 | 168.0 | 7.2 | 159.3 | 8.8 | 157.7 | 9.9 |
| 00:30 | 5.2 | 165.2 | 5.0 | 166.9 | 6.9 | 156.8 | 8.7 | 155.6 | 10.9 |
| 00:45 | 5.2 | 176.1 | 4.6 | 168.8 | 6.9 | 160.8 | 8.5 | 159.5 | 10.6 |
| 01:00 | 4.9 | 176.0 | 3.8 | 176.7 | 6.2 | 170.1 | 7.7 | 166.6 | 9.6 |
| 01:15 | 4.3 | 177.1 | 3.8 | 181.3 | 6.2 | 175.2 | 7.8 | 171.1 | 10.1 |
| 01:30 | 4.4 | 178.9 | 3.9 | 180.5 | 6.3 | 179.0 | 7.7 | 175.0 | 10.0 |
| 01:45 | 4.6 | 176.9 | 3.7 | 184.4 | 6.2 | 183.8 | 7.5 | 179.7 | 9.5 |
| 02:00 | 5.0 | 175.1 | 4.0 | 185.5 | 6.8 | 181.5 | 8.1 | 179.5 | 9.0 |
| 02:15 | 6.1 | 179.1 | 4.6 | 185.6 | 7.5 | 181.4 | 8.8 | 182.0 | 9.7 |
| 02:30 | 5.6 | 182.4 | 4.8 | 184.1 | 6.8 | 180.7 | 8.4 | 181.4 | 10.0 |
| 02:45 | 5.4 | 182.0 | 4.8 | 181.5 | 7.1 | 179.6 | 8.5 | 181.6 | 10.4 |
| 03:00 | 5.4 | 179.8 | 5.5 | 185.2 | 7.5 | 180.0 | 9.9 | 184.1 | 11.0 |
| 03:15 | 4.8 | 177.6 | 4.9 | 187.8 | 8.0 | 180.3 | 9.4 | 180.4 | 11.5 |
| 03:30 | 3.3 | 178.4 | 3.6 | 185.3 | 7.1 | 176.6 | 8.4 | 175.4 | 11.0 |
| 03:45 | 4.0 | 180.9 | 3.9 | 186.5 | 7.0 | 181.8 | 8.3 | 181.6 | 10.3 |
| 04:00 | 4.2 | 178.4 | 5.0 | 183.7 | 7.4 | 185.3 | 8.9 | 186.0 | 11.0 |
| 04:15 | 4.0 | 175.3 | 5.1 | 181.9 | 7.9 | 183.7 | 9.5 | 182.9 | 11.7 |
| 04:30 | 4.9 | 178.8 | 5.6 | 181.1 | 8.2 | 181.6 | 9.9 | 180.9 | 12.1 |
| 04:45 | 4.7 | 174.0 | 5.3 | 184.0 | 8.2 | 182.5 | 9.6 | 183.0 | 12.0 |
| 05:00 | 4.6 | 171.4 | 5.0 | 187.5 | 8.0 | 184.8 | 9.5 | 185.1 | 11.5 |
| 05:15 | 3.4 | 182.0 | 4.7 | 189.4 | 8.0 | 188.4 | 9.5 | 187.5 | 11.3 |
| 05:30 | 3.4 | 187.7 | 4.9 | 193.1 | 7.7 | 192.7 | 9.3 | 190.4 | 11.3 |
| 05:45 | 3.5 | 187.3 | 4.7 | 196.3 | 7.0 | 194.7 | 9.0 | 191.2 | 10.9 |
| 06:00 | 3.6 | 199.3 | 4.4 | 204.5 | 6.9 | 201.2 | 8.6 | 198.4 | 10.2 |
| 06:15 | 4.2 | 199.3 | 5.0 | 206.1 | 7.9 | 203.1 | 9.1 | 202.9 | 10.6 |
| 06:30 | 4.0 | 195.0 | 5.2 | 197.7 | 8.6 | 198.2 | 10.3 | 198.7 | 11.9 |
| 06:45 | 44.0 | 193.0 | 5.8 | 193.7 | 9.3 | 193.4 | 11.0 | 193.8 | 12.8 |
| 07:00 | 4.0 | 190.0 | 6.8 | 189.2 | 9.6 | 190.2 | 11.0 | 189.1 | 13.1 |
| 07:15 | 4.0 | 187.0 | 5.8 | 184.2 | 9.0 | 187.8 | 10.6 | 186.0 | 12.3 |
| 07:30 | 4.0 | 183.0 | 5.0 | 182.5 | 8.5 | 183.7 | 10.0 | 182.1 | 11.6 |
| 07:45 | 3.9 | 180.4 | 5.3 | 181.3 | 8.3 | 181.2 | 9.8 | 178.2 | 11.4 |
| 08:00 | 4.4 | 182.3 | 6.1 | 180.9 | 8.0 | 181.0 | 9.7 | 178.2 | 11.3 |
| 08:15 | 3.7 | 178.3 | 6.2 | 186.8 | 8.1 | 187.4 | 9.5 | 185.5 | 11.6 |
| 08:30 | 2.9 | 178.5 | 6.3 | 190.3 | 8.8 | 190.9 | 10.2 | 189.5 | 12.2 |
| 08:45 | 2.8 | 181.8 | 5.7 | 190.7 | 8.4 | 192.2 | 10.0 | 191.5 | 11.9 |
| 09:00 | 3.7 | 179.4 | 4.9 | 187.4 | 8.0 | 195.8 | 9.5 | 194.7 | 11.2 |
| 09:15 | 4.2 | 169.8 | 4.4 | 178.7 | 7.7 | 198.1 | 9.0 | 197.0 | 10.5 |
| 09:30 | 4.5 | 168.1 | 3.6 | 178.7 | 6.3 | 201.8 | 7.4 | 201.0 | 9.0 |
| 09:45 | 4.3 | 178.7 | 2.6 | 184.3 | 5.0 | 191.9 | 6.1 | 192.3 | 7.8 |
| 10:00 | 3.3 | 185.1 | 2.4 | 189.5 | 5.3 | 188.9 | 6.0 | 190.3 | 7.5 |
| 10:15 | 2.5 | 177.4 | 2.4 | 208.6 | 4.8 | 206.4 | 5.3 | 208.3 | 6.0 |
| 10:30 | 1.8 | 171.0 | 2.3 | 205.7 | 3.9 | 213.7 | 4.6 | 217.5 | 4.8 |
| 10:45 | 1.3 | 171.1 | 2.5 | 179.3 | 3.1 | 203.7 | 4.1 | 209.5 | 4.2 |
| 11:00 | 2.9 | 175.0 | 2.6 | 188.2 | 4.0 | 208.1 | 4.9 | 207.3 | 5.1 |
| 11:15 | 3.3 | 178.8 | 4.1 | 194.9 | 5.8 | 204.8 | 6.6 | 203.7 | 6.7 |
| 11:30 | 3.8 | 183.5 | 5.7 | 190.8 | 7.2 | 196.8 | 7.9 | 201.0 | 8.2 |
| 11:45 | 5.1 | 183.4 | 5.1 | 190.5 | 7.3 | 191.8 | 8.3 | 188.6 | 8.8 |
| 12:00 | 3.3 | 180.4 | 4.4 | 186.8 | 6.8 | 190.9 | 8.2 | 189.3 | 8.7 |
| 12:15 | 2.7 | 179.9 | 2.9 | 196.1 | 6.4 | 204.6 | 8.0 | 203.5 | 10.0 |
| 12:30 | 2.4 | 177.0 | 2.6 | 196.7 | 6.1 | 203.7 | 7.5 | 199.7 | 9.0 |

Daily Summary Report

Site: Y12 PR Sodar

5/9/2019

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 | 163.0 | 10.2 | 164.1 | 11.4 | 165.9 | 11.9 | 174.2 | 13.1 | 169.7 |
| 00:15 | 159.7 | 9.8 | 164.5 | 10.8 | 166.4 | 12.0 | 171.3 | 13.2 | 166.0 |
| 00:30 | 158.1 | 10.5 | 163.7 | 10.7 | 161.0 | 11.5 | 160.8 | 13.4 | 163.7 |
| 00:45 | 161.1 | 11.2 | 163.5 | 11.0 | 165.5 | 10.9 | 159.7 | 14.0 | 154.2 |
| 01:00 | 165.4 | 11.2 | 167.6 | 11.8 | 168.7 | 12.2 | 173.4 | 11.7 | 177.6 |
| 01:15 | 168.8 | 11.3 | 170.5 | 12.2 | 168.0 | 12.8 | 178.0 | 11.6 | 179.1 |
| 01:30 | 173.3 | 10.6 | 172.5 | 10.8 | 175.3 | 11.9 | 187.0 | 12.9 | 184.6 |
| 01:45 | 177.0 | 9.4 | 181.3 | 10.0 | 185.4 | 11.2 | 187.4 | 13.5 | 183.4 |
| 02:00 | 181.8 | 9.5 | 186.2 | 11.1 | 187.4 | 12.5 | 184.1 | 12.8 | 180.7 |
| 02:15 | 186.0 | 11.3 | 184.8 | 13.3 | 185.8 | 16.1 | 179.1 | 13.2 | 178.6 |
| 02:30 | 185.0 | 11.7 | 184.4 | 14.4 | 185.3 | 16.9 | 177.6 | 16.3 | 176.2 |
| 02:45 | 183.2 | 12.1 | 184.5 | 15.0 | 184.4 | 16.9 | 179.5 | 16.9 | 184.1 |
| 03:00 | 182.0 | 14.0 | 184.6 | 16.8 | 182.8 | 18.3 | 183.1 | 16.7 | 184.4 |
| 03:15 | 181.8 | 13.8 | 182.1 | 16.6 | 182.6 | 19.1 | 172.1 | 16.5 | 184.6 |
| 03:30 | 182.0 | 12.1 | 180.3 | 14.9 | 181.0 | 17.9 | 173.0 | 16.3 | 184.9 |
| 03:45 | 183.8 | 11.8 | 184.1 | 14.8 | 181.9 | 16.7 | 177.2 | 16.1 | 185.1 |
| 04:00 | 186.0 | 12.8 | 185.2 | 15.1 | 184.2 | 16.8 | 177.0 | 16.0 | 185.4 |
| 04:15 | 184.1 | 13.4 | 182.3 | 15.3 | 182.1 | 18.1 | 175.1 | 15.9 | 185.6 |
| 04:30 | 181.4 | 13.9 | 180.3 | 15.6 | 179.4 | 18.0 | 176.1 | 15.8 | 185.9 |
| 04:45 | 182.4 | 14.2 | 182.0 | 15.1 | 179.5 | 17.8 | 177.1 | 15.7 | 186.1 |
| 05:00 | 184.4 | 13.4 | 184.8 | 14.5 | 177.8 | 17.7 | 178.1 | 15.6 | 186.4 |
| 05:15 | 186.0 | 13.1 | 184.8 | 14.8 | 179.8 | 17.5 | 179.1 | 15.5 | 186.6 |
| 05:30 | 187.8 | 13.1 | 187.0 | 15.3 | 185.1 | 17.4 | 180.1 | 15.4 | 186.9 |
| 05:45 | 188.5 | 13.0 | 188.5 | 15.9 | 191.9 | 17.2 | 181.1 | 15.3 | 187.1 |
| 06:00 | 195.4 | 11.7 | 195.7 | 13.5 | 201.7 | 17.1 | 182.1 | 15.2 | 187.4 |
| 06:15 | 200.5 | 11.8 | 199.7 | 14.0 | 197.0 | 16.9 | 183.1 | 15.1 | 187.6 |
| 06:30 | 197.0 | 13.4 | 195.4 | 15.0 | 193.0 | 16.8 | 184.1 | 15.0 | 187.9 |
| 06:45 | 191.1 | 14.4 | 190.3 | 16.5 | 187.6 | 16.6 | 185.1 | 14.9 | 188.1 |
| 07:00 | 187.0 | 14.0 | 180.0 | 15.5 | 195.5 | 16.5 | 186.1 | 14.8 | 188.4 |
| 07:15 | 184.0 | 13.2 | 171.8 | 14.0 | 185.0 | 16.3 | 187.1 | 14.7 | 188.6 |
| 07:30 | 179.6 | 12.7 | 178.8 | 13.3 | 171.6 | 16.2 | 188.1 | 14.6 | 188.9 |
| 07:45 | 176.7 | 12.9 | 180.7 | 13.4 | 174.1 | 16.0 | 189.1 | 14.5 | 189.1 |
| 08:00 | 177.5 | 12.7 | 180.8 | 14.5 | 182.3 | 15.9 | 190.1 | 14.4 | 189.4 |
| 08:15 | 183.1 | 13.3 | 181.9 | 16.7 | 184.4 | 15.7 | 191.1 | 14.3 | 189.6 |
| 08:30 | 187.2 | 14.2 | 186.9 | 17.4 | 188.1 | 15.6 | 192.1 | 14.2 | 189.9 |
| 08:45 | 189.0 | 13.9 | 191.9 | 16.1 | 191.7 | 15.4 | 193.1 | 14.1 | 190.1 |
| 09:00 | 191.2 | 12.7 | 191.1 | 15.4 | 188.6 | 15.3 | 194.1 | 13.9 | 190.4 |
| 09:15 | 193.8 | 12.1 | 191.0 | 14.6 | 190.0 | 15.1 | 195.1 | 13.7 | 190.6 |
| 09:30 | 195.0 | 10.5 | 191.4 | 12.8 | 193.0 | 13.9 | 197.5 | 13.5 | 190.9 |
| 09:45 | 189.0 | 8.9 | 186.8 | 10.7 | 188.5 | 11.2 | 189.4 | 14.1 | 194.2 |
| 10:00 | 190.2 | 8.4 | 184.4 | 9.5 | 184.0 | 9.7 | 182.3 | 12.3 | 192.4 |
| 10:15 | 206.1 | 6.4 | 200.2 | 8.8 | 179.8 | 11.0 | 199.3 | 12.0 | 196.0 |
| 10:30 | 206.9 | 5.7 | 210.2 | 7.9 | 201.0 | 11.4 | 204.0 | 12.0 | 200.0 |
| 10:45 | 198.2 | 5.8 | 216.6 | 7.7 | 201.7 | 10.9 | 208.7 | 12.0 | 205.0 |
| 11:00 | 210.1 | 6.8 | 216.3 | 9.4 | 211.9 | 10.9 | 214.2 | 11.9 | 211.6 |
| 11:15 | 204.0 | 9.0 | 208.9 | 12.7 | 210.9 | 11.0 | 212.0 | 13.2 | 208.5 |
| 11:30 | 195.7 | 10.0 | 212.1 | 12.0 | 211.0 | 11.0 | 210.0 | 13.0 | 208.0 |
| 11:45 | 187.3 | 9.5 | 204.7 | 12.0 | 208.0 | 11.3 | 208.0 | 13.0 | 207.0 |
| 12:00 | 190.8 | 10.1 | 194.3 | 12.0 | 206.0 | 11.3 | 206.0 | 13.0 | 206.0 |
| 12:15 | 203.6 | 10.7 | 205.5 | 11.5 | 204.8 | 11.5 | 203.0 | 13.0 | 205.0 |
| 12:30 | 197.2 | 9.2 | 200.6 | 10.2 | 194.9 | 11.5 | 200.0 | 13.0 | 204.0 |

| | 22_WS700m | 23_WDir700m | 24_WS800m | 25_WDir800m | 26_WS900m | 27_WDir900m |
|-----------------|-----------|-------------|-----------|-------------|-----------|-------------|
| Time | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 12:45 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 13:00 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 13:15 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 13:30 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 13:45 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 14:00 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 14:15 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 14:30 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 14:45 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 15:00 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 15:15 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 15:30 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 15:45 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 16:00 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 16:15 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 16:30 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 16:45 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 17:00 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 17:15 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 17:30 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 17:45 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 18:00 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 18:15 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 18:30 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 18:45 | 14.0 | 153.7 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 19:00 | 13.0 | 163.0 | 14.2 | 158.3 | -1000.0 | 999.9 |
| 19:15 | 11.5 | 171.1 | 11.7 | 169.6 | -1000.0 | 999.9 |
| 19:30 | 10.8 | 179.5 | 11.4 | 179.4 | -1000.0 | 999.9 |
| 19:45 | 11.2 | 185.6 | 11.2 | 186.9 | -1000.0 | 999.9 |
| 20:00 | 11.6 | 196.0 | 12.6 | 209.0 | -1000.0 | 999.9 |
| 20:15 | 13.8 | 205.7 | 13.8 | 209.2 | -1000.0 | 999.9 |
| 20:30 | 13.9 | 206.6 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 20:45 | 14.0 | 207.5 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 21:00 | 14.1 | 208.4 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 21:15 | 14.2 | 209.3 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 21:30 | 14.3 | 210.2 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 21:45 | 14.4 | 211.1 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 22:00 | 14.5 | 212.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 22:15 | 14.6 | 212.9 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 22:30 | 14.7 | 213.8 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 22:45 | 14.8 | 214.6 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 23:00 | 14.9 | 215.4 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 23:15 | 15.0 | 216.2 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 23:30 | 15.1 | 217.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| 23:45 | 15.2 | 217.9 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| Avg | -651.2 | 109.0 | -915.5 | 85.0 | -1000.0 | 279.0 |
| Max | 19.0 | 217.9 | 18.5 | 209.2 | -1000.0 | 999.9 |
| Max Time | 02:30 | 23:45 | 02:00 | 20:15 | 23:45 | 23:45 |
| Min | -1000.0 | -1000.0 | -1000.0 | -1000.0 | -1000.0 | 999.9 |
| Count | 96 | 96 | 96 | 96 | 96 | 96 |
| Total | | | | | | |