

## Daily Summary Report

Site: Sodar "YS" (Y-12 Pine Rid

12/31/2020

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 | 4.0       | 256.0     | 4.8       | 257.0     | 7.7       | 248.0     | 8.5       | 240.0     | 9.2       |
| 00:15 | 4.2       | 252.0     | 4.4       | 255.2     | 7.3       | 251.1     | 8.4       | 244.3     | 9.0       |
| 00:30 | 4.0       | 248.8     | 3.9       | 249.1     | 7.3       | 246.3     | 8.6       | 238.7     | 9.3       |
| 00:45 | 3.6       | 246.4     | 4.2       | 240.4     | 6.8       | 242.5     | 8.2       | 232.5     | 9.4       |
| 01:00 | 3.3       | 248.3     | 4.5       | 242.8     | 6.5       | 245.7     | 7.9       | 234.1     | 9.6       |
| 01:15 | 3.2       | 249.8     | 4.5       | 246.6     | 6.7       | 245.8     | 8.0       | 236.1     | 9.9       |
| 01:30 | 3.5       | 247.6     | 4.1       | 255.4     | 7.2       | 249.2     | 8.5       | 240.7     | 10.0      |
| 01:45 | 3.7       | 245.1     | 4.4       | 250.7     | 7.1       | 248.5     | 8.8       | 238.1     | 10.3      |
| 02:00 | 3.9       | 261.8     | 5.0       | 255.9     | 7.5       | 247.9     | 8.9       | 235.3     | 10.7      |
| 02:15 | 3.9       | 260.8     | 5.2       | 257.4     | 8.3       | 248.6     | 9.2       | 237.5     | 10.8      |
| 02:30 | 3.3       | 248.8     | 5.1       | 253.8     | 8.4       | 245.7     | 9.4       | 236.8     | 10.8      |
| 02:45 | 3.5       | 250.0     | 4.9       | 257.3     | 7.8       | 250.0     | 9.2       | 239.9     | 10.1      |
| 03:00 | 3.8       | 251.5     | 5.0       | 253.0     | 7.9       | 251.7     | 9.9       | 243.6     | 10.5      |
| 03:15 | 3.7       | 256.2     | 4.9       | 251.1     | 8.4       | 252.2     | 10.3      | 247.0     | 10.9      |
| 03:30 | 4.0       | 255.4     | 4.8       | 254.7     | 8.5       | 254.8     | 10.3      | 250.8     | 10.9      |
| 03:45 | 4.4       | 255.1     | 5.1       | 263.3     | 9.2       | 257.6     | 10.8      | 252.4     | 11.8      |
| 04:00 | 4.5       | 256.8     | 5.4       | 263.6     | 9.2       | 257.7     | 10.9      | 252.9     | 12.4      |
| 04:15 | 4.6       | 254.0     | 5.4       | 259.4     | 9.2       | 256.9     | 10.8      | 253.6     | 12.7      |
| 04:30 | 4.7       | 257.5     | 5.8       | 258.8     | 9.7       | 257.9     | 11.6      | 253.5     | 13.6      |
| 04:45 | 5.1       | 265.9     | 5.5       | 261.1     | 9.1       | 258.5     | 10.9      | 253.9     | 12.9      |
| 05:00 | 5.0       | 270.1     | 5.8       | 263.1     | 8.6       | 262.2     | 9.9       | 258.0     | 11.2      |
| 05:15 | 4.0       | 269.0     | 5.7       | 261.0     | 8.3       | 263.6     | 9.9       | 259.1     | 10.9      |
| 05:30 | 3.5       | 264.2     | 5.6       | 259.8     | 8.0       | 261.0     | 9.8       | 257.7     | 10.8      |
| 05:45 | 3.6       | 271.7     | 5.9       | 260.8     | 8.6       | 260.6     | 10.1      | 258.1     | 10.7      |
| 06:00 | 3.8       | 273.4     | 5.9       | 266.9     | 9.0       | 260.0     | 10.5      | 258.4     | 10.7      |
| 06:15 | 3.9       | 269.0     | 5.0       | 270.6     | 8.7       | 258.4     | 10.0      | 257.1     | 10.1      |
| 06:30 | 4.0       | 264.8     | 4.9       | 259.2     | 8.5       | 258.0     | 9.5       | 256.5     | 9.5       |
| 06:45 | 3.4       | 266.4     | 5.6       | 252.2     | 8.1       | 260.5     | 9.3       | 259.1     | 9.5       |
| 07:00 | 3.4       | 264.4     | 5.0       | 260.9     | 8.0       | 262.3     | 9.2       | 260.2     | 9.8       |
| 07:15 | 3.5       | 268.8     | 4.7       | 260.4     | 8.0       | 260.4     | 9.5       | 258.3     | 10.4      |
| 07:30 | 3.2       | 270.3     | 4.2       | 255.4     | 7.6       | 258.7     | 9.3       | 258.7     | 10.1      |
| 07:45 | 2.6       | 270.8     | 3.9       | 252.6     | 6.7       | 256.5     | 8.2       | 256.5     | 9.2       |
| 08:00 | 2.3       | 267.0     | 3.2       | 253.6     | 5.7       | 252.3     | 7.1       | 252.5     | 8.5       |
| 08:15 | 2.1       | 262.2     | 2.9       | 250.0     | 5.9       | 248.7     | 7.4       | 251.7     | 8.2       |
| 08:30 | 2.4       | 264.9     | 2.9       | 244.9     | 5.5       | 247.3     | 7.1       | 249.6     | 7.8       |
| 08:45 | 1.9       | 260.7     | 2.5       | 254.1     | 4.7       | 247.4     | 6.3       | 247.4     | 7.4       |
| 09:00 | 1.5       | 250.3     | 2.1       | 254.3     | 4.5       | 245.2     | 6.1       | 246.6     | 7.5       |
| 09:15 | 1.7       | 257.0     | 1.9       | 253.5     | 4.4       | 247.6     | 5.9       | 249.1     | 7.2       |
| 09:30 | 1.9       | 265.9     | 2.2       | 256.0     | 4.6       | 249.7     | 5.8       | 249.4     | 7.0       |
| 09:45 | 2.3       | 268.1     | 2.3       | 253.0     | 4.4       | 251.1     | 5.7       | 251.5     | 7.1       |
| 10:00 | 1.6       | 258.9     | 1.7       | 267.3     | 4.0       | 254.3     | 5.2       | 255.2     | 6.5       |
| 10:15 | 1.3       | 257.5     | 1.5       | 260.9     | 3.5       | 254.2     | 4.7       | 255.3     | 5.7       |
| 10:30 | .9        | 244.7     | .8        | 254.7     | 2.5       | 250.1     | 3.8       | 252.7     | 4.5       |
| 10:45 | .7        | 226.2     | .5        | 249.1     | 1.9       | 238.3     | 3.1       | 244.0     | 4.1       |
| 11:00 | .8        | 227.4     | .8        | 248.6     | 2.5       | 234.0     | 3.4       | 237.0     | 4.5       |
| 11:15 | 1.0       | 227.0     | 1.3       | 238.2     | 3.2       | 229.4     | 3.9       | 232.6     | 4.7       |
| 11:30 | .9        | 229.9     | 1.4       | 238.8     | 2.8       | 236.5     | 3.7       | 239.3     | 5.2       |
| 11:45 | .8        | 240.2     | 1.2       | 243.0     | 2.4       | 249.8     | 3.1       | 247.9     | 4.3       |
| 12:00 | .8        | 241.0     | .5        | 249.8     | 1.6       | 234.9     | 2.4       | 240.9     | 3.2       |
| 12:15 | .8        | 241.5     | .9        | 225.0     | 1.0       | 214.8     | 1.6       | 231.7     | 2.9       |
| 12:30 |           |           | .8        | 230.0     | 1.4       | 233.7     | 1.9       | 237.2     | 2.7       |



## Daily Summary Report

Site: Sodar "YS" (Y-12 Pine Rid

12/31/2020

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 | 226.0     | 10.6      | 214.0     | 13.3      | 200.0     | 18.3      | 195.0     | 18.6      | 196.0     |
| 00:15 | 227.4     | 10.4      | 215.3     | 13.1      | 201.4     | 18.5      | 196.8     | 18.9      | 196.0     |
| 00:30 | 223.4     | 10.0      | 209.3     | 14.0      | 198.6     | 18.6      | 195.8     | 19.4      | 195.4     |
| 00:45 | 219.7     | 9.9       | 205.1     | 14.7      | 197.1     | 18.3      | 194.8     | 19.0      | 200.0     |
| 01:00 | 224.4     | 10.3      | 210.4     | 13.9      | 200.0     | 17.7      | 195.3     | 19.0      | 199.8     |
| 01:15 | 225.0     | 10.8      | 210.2     | 14.6      | 198.4     | 18.9      | 194.3     | 19.2      | 196.5     |
| 01:30 | 225.1     | 11.1      | 211.3     | 15.6      | 196.0     | 19.9      | 192.5     | 19.2      | 195.1     |
| 01:45 | 222.7     | 11.6      | 209.4     | 16.1      | 192.7     | 19.3      | 188.2     | 19.5      | 195.6     |
| 02:00 | 221.0     | 11.9      | 207.8     | 15.9      | 192.9     | 19.3      | 188.8     | 19.8      | 195.5     |
| 02:15 | 223.8     | 11.4      | 211.6     | 15.3      | 195.8     | 19.7      | 191.3     | 19.2      | 194.9     |
| 02:30 | 223.2     | 11.7      | 211.1     | 16.1      | 196.8     | 19.8      | 192.8     | 19.7      | 196.2     |
| 02:45 | 225.6     | 11.9      | 212.6     | 16.3      | 198.4     | 20.5      | 195.9     | 19.9      | 198.3     |
| 03:00 | 230.5     | 12.1      | 216.0     | 15.8      | 198.1     | 20.2      | 192.5     | 19.5      | 195.1     |
| 03:15 | 233.8     | 12.2      | 218.7     | 15.7      | 198.5     | 19.1      | 192.4     | 19.6      | 195.6     |
| 03:30 | 238.7     | 11.5      | 224.9     | 14.8      | 202.7     | 18.1      | 195.9     | 18.6      | 201.2     |
| 03:45 | 241.3     | 11.9      | 228.7     | 14.2      | 207.6     | 18.1      | 197.3     | 17.6      | 200.4     |
| 04:00 | 243.7     | 12.8      | 231.5     | 13.7      | 210.6     | 17.4      | 197.6     | 17.5      | 198.0     |
| 04:15 | 246.0     | 12.9      | 235.4     | 13.3      | 212.4     | 16.4      | 198.9     | 17.5      | 196.7     |
| 04:30 | 243.0     | 12.6      | 233.7     | 13.7      | 210.1     | 16.6      | 200.7     | 16.2      | 204.2     |
| 04:45 | 243.3     | 12.4      | 234.1     | 13.1      | 212.6     | 15.1      | 201.8     | 17.3      | 201.6     |
| 05:00 | 249.5     | 12.2      | 239.4     | 11.7      | 222.5     | 13.4      | 206.1     | 17.5      | 198.7     |
| 05:15 | 252.6     | 12.0      | 242.3     | 11.9      | 226.8     | 13.1      | 206.3     | 16.3      | 197.2     |
| 05:30 | 252.1     | 11.2      | 243.1     | 11.4      | 226.9     | 13.1      | 204.3     | 16.9      | 195.6     |
| 05:45 | 251.7     | 11.0      | 243.6     | 10.7      | 226.8     | 12.8      | 203.9     | 16.1      | 197.7     |
| 06:00 | 252.7     | 11.1      | 243.9     | 10.6      | 226.0     | 12.1      | 203.4     | 14.0      | 193.9     |
| 06:15 | 250.4     | 10.6      | 242.2     | 10.7      | 222.8     | 12.5      | 207.8     | 14.0      | 198.0     |
| 06:30 | 250.7     | 10.2      | 241.5     | 10.6      | 222.0     | 12.1      | 208.3     | 13.0      | 200.0     |
| 06:45 | 257.1     | 9.9       | 247.4     | 9.8       | 229.6     | 11.7      | 213.1     | 12.5      | 208.0     |
| 07:00 | 256.7     | 10.0      | 252.2     | 9.3       | 235.9     | 11.7      | 221.4     | 11.9      | 216.2     |
| 07:15 | 253.1     | 10.2      | 248.6     | 10.4      | 231.3     | 12.2      | 223.9     | 13.7      | 218.8     |
| 07:30 | 254.2     | 9.8       | 245.9     | 11.0      | 228.4     | 12.1      | 223.3     | 15.5      | 227.1     |
| 07:45 | 252.3     | 9.6       | 242.0     | 10.4      | 227.7     | 11.7      | 221.9     | 15.9      | 226.0     |
| 08:00 | 251.5     | 9.2       | 242.6     | 10.5      | 228.4     | 11.1      | 221.2     | 15.1      | 218.0     |
| 08:15 | 252.1     | 9.1       | 246.0     | 10.2      | 231.0     | 11.3      | 222.6     | 13.9      | 218.0     |
| 08:30 | 250.8     | 9.1       | 245.2     | 10.6      | 234.2     | 12.6      | 223.6     | 14.4      | 222.6     |
| 08:45 | 251.2     | 8.4       | 249.9     | 10.8      | 240.1     | 12.7      | 229.6     | 14.7      | 228.2     |
| 09:00 | 249.5     | 7.8       | 253.4     | 9.7       | 244.6     | 11.4      | 238.9     | 13.4      | 231.5     |
| 09:15 | 250.2     | 7.5       | 250.7     | 8.7       | 244.2     | 10.0      | 237.1     | 13.1      | 233.7     |
| 09:30 | 249.6     | 8.1       | 247.7     | 9.5       | 241.2     | 9.9       | 228.7     | 13.7      | 228.3     |
| 09:45 | 250.1     | 8.0       | 248.0     | 9.6       | 238.5     | 10.4      | 226.9     | 13.7      | 223.3     |
| 10:00 | 253.9     | 7.0       | 251.8     | 8.3       | 237.4     | 10.5      | 227.4     | 13.3      | 225.2     |
| 10:15 | 254.0     | 6.0       | 251.4     | 7.6       | 235.7     | 10.3      | 229.0     | 13.2      | 225.0     |
| 10:30 | 251.0     | 5.0       | 246.9     | 7.0       | 233.1     | 10.3      | 228.2     | 13.1      | 226.0     |
| 10:45 | 249.2     | 4.6       | 248.0     | 6.4       | 237.3     | 9.9       | 228.1     | 13.0      | 226.0     |
| 11:00 | 246.8     | 5.5       | 247.4     | 7.6       | 238.8     | 10.5      | 231.4     | 12.9      | 226.8     |
| 11:15 | 239.8     | 6.4       | 240.7     | 8.9       | 234.6     | 12.3      | 228.4     | 13.2      | 222.1     |
| 11:30 | 240.5     | 6.8       | 240.0     | 9.8       | 233.8     | 13.6      | 229.3     | 13.5      | 222.0     |
| 11:45 | 246.6     | 5.8       | 244.0     | 8.7       | 237.1     | 12.0      | 231.1     | 12.5      | 222.0     |
| 12:00 | 249.9     | 4.7       | 247.1     | 6.5       | 241.9     | 9.7       | 231.3     | 12.0      | 221.0     |
| 12:15 | 242.1     | 4.4       | 247.4     | 5.8       | 244.3     | 9.5       | 235.2     | 11.0      | 220.0     |
| 12:30 | 235.1     | 4.0       | 247.3     | 6.5       | 247.5     | 9.5       | 240.3     | 10.1      | 219.9     |



## Daily Summary Report

Site: Sodar "YS" (Y-12 Pine Rid

12/31/2020

Interval: 015m

|       | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEGC      | M/SEC     | DEG       |
| 00:00 | 19.8      | 199.0     | 22.0      | 201.0     |
| 00:15 | 19.9      | 202.9     | 22.6      | 203.7     |
| 00:30 | 21.5      | 200.6     |           |           |
| 00:45 | 22.3      | 200.8     |           |           |
| 01:00 | 22.3      | 201.2     |           |           |
| 01:15 | 22.0      | 200.0     |           |           |
| 01:30 | 21.8      | 198.8     |           |           |
| 01:45 | 22.0      | 198.0     |           |           |
| 02:00 | 22.5      | 197.0     |           |           |
| 02:15 | 23.0      | 196.0     |           |           |
| 02:30 | 23.6      | 195.7     |           |           |
| 02:45 | 23.0      | 197.0     |           |           |
| 03:00 | 21.0      | 199.0     |           |           |
| 03:15 | 20.7      | 202.7     |           |           |
| 03:30 | 20.2      | 204.5     |           |           |
| 03:45 | 19.7      | 199.2     |           |           |
| 04:00 | 17.4      | 202.0     |           |           |
| 04:15 | 17.2      | 204.8     |           |           |
| 04:30 | 18.7      | 207.7     |           |           |
| 04:45 | 17.5      | 208.8     |           |           |
| 05:00 |           |           |           |           |
| 05:15 |           |           |           |           |
| 05:30 |           |           |           |           |
| 05:45 |           |           |           |           |
| 06:00 |           |           |           |           |
| 06:15 |           |           |           |           |
| 06:30 |           |           |           |           |
| 06:45 |           |           |           |           |
| 07:00 |           |           |           |           |
| 07:15 |           |           |           |           |
| 07:30 |           |           |           |           |
| 07:45 |           |           |           |           |
| 08:00 |           |           |           |           |
| 08:15 |           |           |           |           |
| 08:30 |           |           |           |           |
| 08:45 |           |           |           |           |
| 09:00 |           |           |           |           |
| 09:15 |           |           |           |           |
| 09:30 |           |           |           |           |
| 09:45 |           |           |           |           |
| 10:00 |           |           |           |           |
| 10:15 |           |           |           |           |
| 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           |           |           |           |           |
| 13:30           |           |           |           |           |
| 13:45           |           |           |           |           |
| 14:00           |           |           |           |           |
| 14:15           |           |           |           |           |
| 14:30           |           |           |           |           |
| 14:45           |           |           |           |           |
| 15:00           |           |           |           |           |
| 15:15           |           |           |           |           |
| 15:30           |           |           |           |           |
| 15:45           |           |           |           |           |
| 16:00           |           |           |           |           |
| 16:15           |           |           |           |           |
| 16:30           |           |           |           |           |
| 16:45           |           |           |           |           |
| 17:00           |           |           |           |           |
| 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           | 5.3       | 109.2     |           |           |
| 21:00           | 4.2       | 93.6      |           |           |
| 21:15           | 4.3       | 91.8      | 4.9       | 131.6     |
| 21:30           | 5.2       | 91.2      | 4.2       | 128.6     |
| 21:45           | 6.5       | 88.0      |           |           |
| 22:00           | 7.5       | 85.0      |           |           |
| 22:15           | 6.2       | 83.4      |           |           |
| 22:30           | 7.4       | 85.7      |           |           |
| 22:45           | 7.3       | 86.0      |           |           |
| 23:00           | 8.0       | 87.0      |           |           |
| 23:15           | 9.0       | 90.0      |           |           |
| 23:30           | 9.9       | 94.2      |           |           |
| 23:45           | 9.0       | 106.0     |           |           |
| <b>Avg</b>      | 15.3      | 157.8     | 13.4      | 166.2     |
| <b>Max</b>      | 23.6      | 208.8     | 22.6      | 203.7     |
| <b>Max Time</b> | 02:30     | 04:45     | 00:15     | 00:15     |
| <b>Min</b>      | 4.2       | 83.4      | 4.2       | 128.6     |
| <b>Count</b>    | 33        | 33        | 4         | 4         |
| <b>Total</b>    |           |           |           |           |