

## Daily Summary Report

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

6/18/2022

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 | 1.0       | 276.1     | 1.2       | 264.0     | 3.8       | 264.4     | 4.8       | 272.8     | 5.0       |
| 00:15 | 1.1       | 284.4     | 1.8       | 288.8     | 3.4       | 290.4     | 3.9       | 301.5     | 4.5       |
| 00:30 | 1.4       | 278.5     | 2.6       | 287.7     | 3.1       | 307.7     | 3.5       | 316.3     | 3.9       |
| 00:45 | 1.2       | 281.2     | 2.1       | 285.8     | 2.4       | 306.8     | 3.0       | 312.8     | 3.0       |
| 01:00 | .8        | 280.2     | 1.6       | 283.3     | 1.9       | 309.0     | 2.4       | 310.3     | 2.1       |
| 01:15 | .5        | 256.3     | 1.0       | 274.7     | 1.3       | 311.0     | 1.7       | 308.0     | 1.5       |
| 01:30 | 1.2       | 257.7     | 1.1       | 270.2     | 1.3       | 283.8     | 1.8       | 292.9     | 1.7       |
| 01:45 | 1.0       | 262.2     | 1.4       | 270.3     | 1.3       | 262.9     | 1.8       | 278.2     | 1.9       |
| 02:00 | .2        | 265.6     | 1.1       | 240.7     | 1.5       | 255.1     | 1.6       | 266.2     | 1.7       |
| 02:15 | .3        | 269.4     | .7        | 208.9     | 1.6       | 262.2     | 1.6       | 273.7     | 1.5       |
| 02:30 | .7        | 283.7     | .5        | 273.1     | .9        | 243.3     | 1.2       | 269.6     | 1.3       |
| 02:45 | 1.0       | 287.4     | .7        | 278.2     | .8        | 203.0     | .8        | 246.9     | 1.1       |
| 03:00 | 1.0       | 268.5     | .8        | 275.7     | .7        | 225.8     | .7        | 274.9     | 1.0       |
| 03:15 | 1.2       | 277.8     | 1.3       | 285.4     | 1.4       | 282.5     | 1.5       | 306.3     | 1.6       |
| 03:30 | 1.0       | 304.2     | 1.2       | 284.1     | 2.3       | 296.1     | 2.5       | 314.0     | 2.7       |
| 03:45 | .6        | 311.7     | 1.3       | 267.5     | 2.6       | 297.2     | 2.6       | 312.2     | 2.7       |
| 04:00 | .5        | 332.6     | 1.1       | 266.6     | 2.0       | 299.4     | 2.3       | 310.6     | 2.2       |
| 04:15 | .6        | 348.7     | .9        | 294.1     | 1.4       | 318.3     | 2.1       | 329.2     | 2.7       |
| 04:30 | .7        | 327.4     | 1.0       | 299.0     | 1.4       | 346.1     | 2.4       | 351.6     | 3.3       |
| 04:45 | .8        | 311.9     | .5        | 313.8     | 1.1       | 355.3     | 1.8       | 359.7     | 2.5       |
| 05:00 | .8        | 282.9     | .3        | 335.7     | .6        | 357.5     | 1.3       | 8.5       | 1.9       |
| 05:15 | .9        | 269.2     | .6        | 299.6     | 1.1       | 301.7     | 1.5       | 338.8     | 2.7       |
| 05:30 | .6        | 282.8     | .2        | 293.8     | 1.2       | 284.9     | 1.4       | 323.4     | 3.0       |
| 05:45 | .5        | 309.8     | .5        | 77.3      | .4        | 343.3     | 1.5       | 357.4     | 3.3       |
| 06:00 | .7        | 359.2     | 1.0       | 43.2      | 1.8       | 9.9       | 2.9       | .4        | 4.4       |
| 06:15 | 1.4       | 348.4     | 1.7       | 357.0     | 3.5       | 353.2     | 4.7       | 349.2     | 5.8       |
| 06:30 | 3.1       | 341.5     | 3.2       | 351.3     | 6.0       | 350.4     | 7.3       | 352.1     | 8.3       |
| 06:45 | 4.1       | 346.8     | 3.6       | 355.5     | 6.8       | 353.8     | 8.3       | 356.8     | 9.1       |
| 07:00 | 3.8       | 351.9     | 3.3       | 341.9     | 6.2       | 349.6     | 7.6       | 354.4     | 7.2       |
| 07:15 | 3.2       | 350.6     | 3.4       | 332.1     | 6.0       | 344.4     | 6.9       | 350.8     | 5.9       |
| 07:30 | 2.6       | 344.8     | 3.4       | 332.2     | 5.7       | 341.4     | 6.3       | 346.4     | 5.5       |
| 07:45 | 2.6       | 351.6     | 3.1       | 332.0     | 5.6       | 340.3     | 6.4       | 343.5     | 5.6       |
| 08:00 | 2.4       | 356.5     | 2.4       | 338.3     | 5.0       | 346.5     | 5.8       | 350.6     | 5.3       |
| 08:15 | 1.6       | 359.1     | 1.7       | 352.5     | 3.7       | 358.9     | 4.7       | 1.4       | 4.4       |
| 08:30 | 1.1       | 7.1       | 1.9       | 14.3      | 3.1       | 15.8      | 3.9       | 11.7      | 4.4       |
| 08:45 | 1.1       | 9.2       | 2.2       | 20.6      | 3.5       | 17.6      | 4.5       | 12.8      | 5.2       |
| 09:00 | 1.1       | .4        | 2.2       | 16.2      | 3.8       | 17.4      | 5.3       | 13.3      | 6.1       |
| 09:15 | .9        | 359.3     | 1.3       | 5.6       | 4.7       | 23.7      | 6.1       | 20.1      | 6.6       |
| 09:30 | .7        | 24.9      | 1.2       | 19.9      | 4.0       | 28.6      | 5.1       | 22.0      | 5.5       |
| 09:45 | .8        | 30.3      | 1.2       | 31.0      | 3.4       | 28.7      | 4.3       | 21.1      | 4.2       |
| 10:00 | 1.3       | 17.4      | 2.1       | 26.4      | 4.4       | 28.9      | 6.0       | 31.0      | 6.0       |
| 10:15 | 2.2       | 11.8      | 2.3       | 17.9      | 5.5       | 25.6      | 7.1       | 31.4      | 7.7       |
| 10:30 | 1.8       | 8.1       | 1.7       | 13.0      | 4.6       | 31.3      | 6.2       | 34.6      | 6.3       |
| 10:45 | .9        | 13.8      | 1.3       | 23.0      | 3.4       | 46.8      | 5.0       | 44.0      | 4.7       |
| 11:00 | .5        | 29.2      | .8        | 21.0      | 2.7       | 33.0      | 3.5       | 30.7      | 3.6       |
| 11:15 | .8        | 28.0      | 1.0       | 32.5      | 2.5       | 39.1      | 3.1       | 41.0      | 3.4       |
| 11:30 | 2.2       | 350.4     | 1.6       | 10.7      | 3.1       | 18.7      | 3.4       | 26.9      | 3.4       |
| 11:45 | 2.8       | 10.3      | 2.3       | 12.1      | 4.1       | 14.6      | 4.5       | 17.3      | 4.0       |
| 12:00 | 2.7       | 43.1      | 1.9       | 32.6      | 3.8       | 36.0      | 4.5       | 40.9      | 4.8       |
| 12:15 | 1.4       | 53.3      | .7        | 29.1      | 2.5       | 38.3      | 3.5       | 40.1      | 4.6       |
| 12:30 | 1.0       | 30.3      | 1.4       | 9.9       | 2.9       | 12.4      | 4.1       | 22.3      | 5.2       |



## Daily Summary Report

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

6/18/2022

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 | 292.0     | 4.4       | 302.3     | 4.7       | 317.5     | 5.3       | 323.3     |           |           |
| 00:15 | 313.1     | 4.1       | 320.3     | 5.4       | 325.9     | 6.1       | 331.3     | 8.0       | 338.7     |
| 00:30 | 322.4     | 3.6       | 324.9     | 5.4       | 332.6     | 6.6       | 337.6     | 8.2       | 345.8     |
| 00:45 | 319.2     | 2.9       | 317.4     | 5.0       | 334.0     | 6.4       | 333.1     | 7.7       | 345.9     |
| 01:00 | 320.0     | 2.4       | 317.5     | 4.3       | 323.3     | 6.1       | 317.0     | 7.0       | 338.6     |
| 01:15 | 331.2     | 1.8       | 325.4     | 3.2       | 312.5     | 4.3       | 307.9     | 6.3       | 328.0     |
| 01:30 | 306.1     | 1.8       | 307.5     | 2.8       | 309.1     | 3.6       | 330.4     | 5.6       | 331.1     |
| 01:45 | 287.0     | 2.0       | 292.2     | 2.6       | 311.4     | 4.1       | 334.4     | 5.8       | 333.3     |
| 02:00 | 285.5     | 1.6       | 294.6     | 2.9       | 326.0     | 4.7       | 338.1     | 6.3       | 340.6     |
| 02:15 | 294.7     | 1.5       | 321.1     | 3.2       | 324.8     | 5.2       | 340.5     | 8.1       | 351.3     |
| 02:30 | 300.6     | 1.3       | 328.3     | 2.5       | 315.0     | 4.8       | 339.6     | 8.1       | 352.5     |
| 02:45 | 320.4     | 1.0       | 338.5     | 1.9       | 334.2     | 4.8       | 343.7     | 5.6       | 350.6     |
| 03:00 | 331.3     | .9        | 349.7     | 2.6       | 346.5     | 5.1       | 340.9     | 6.5       | 341.8     |
| 03:15 | 322.0     | 1.6       | 336.7     | 3.8       | 338.8     | 5.1       | 342.3     | 6.7       | 344.7     |
| 03:30 | 323.9     | 2.6       | 332.2     | 4.7       | 336.3     | 5.5       | 338.9     | 7.0       | 347.2     |
| 03:45 | 322.6     | 3.0       | 329.8     | 4.7       | 337.2     | 6.2       | 341.4     | 7.7       | 349.3     |
| 04:00 | 323.1     | 3.1       | 327.3     | 4.9       | 334.5     | 6.5       | 340.8     | 8.3       | 344.2     |
| 04:15 | 340.9     | 3.4       | 339.7     | 5.3       | 341.0     | 6.6       | 346.6     | 8.5       | 341.1     |
| 04:30 | 354.8     | 3.8       | 352.8     | 5.9       | 351.7     | 8.0       | 359.1     | 9.7       | 348.4     |
| 04:45 | 348.0     | 2.9       | 342.4     | 4.4       | 342.3     | 7.1       | 351.1     |           |           |
| 05:00 | 356.2     | 2.6       | 335.0     | 4.2       | 322.0     | 6.5       | 332.5     | 9.9       | 332.2     |
| 05:15 | 354.1     | 3.9       | 338.8     | 6.1       | 335.0     | 8.6       | 339.1     |           |           |
| 05:30 | 333.8     | 5.0       | 324.6     | 7.7       | 331.3     | 9.8       | 339.2     |           |           |
| 05:45 | 339.7     | 4.6       | 327.7     | 8.1       | 333.2     | 10.3      | 335.7     |           |           |
| 06:00 | 347.0     | 5.1       | 346.0     | 8.1       | 343.0     | 10.5      | 341.8     |           |           |
| 06:15 | 346.2     | 6.5       | 351.1     | 8.7       | 348.7     |           |           |           |           |
| 06:30 | 351.4     | 8.8       | 352.0     | 11.0      | 351.4     |           |           |           |           |
| 06:45 | 353.0     | 10.5      | 352.5     | 10.3      | 355.2     | 11.1      | 349.8     |           |           |
| 07:00 | 350.9     | 7.3       | 355.6     | 7.7       | 2.7       | 10.0      | 354.8     |           |           |
| 07:15 | 348.9     | 5.6       | 358.9     | 7.2       | 357.8     |           |           |           |           |
| 07:30 | 344.4     | 5.1       | 354.5     | 7.1       | 348.7     |           |           |           |           |
| 07:45 | 346.1     | 4.9       | 352.0     | 6.2       | 356.7     | 6.4       | 8.4       |           |           |
| 08:00 | 352.2     | 4.7       | 354.2     | 4.9       | 2.1       | 6.0       | 357.0     |           |           |
| 08:15 | 1.4       | 4.2       | 3.1       | 4.3       | 7.9       | 5.4       | 7.2       |           |           |
| 08:30 | 10.9      | 4.5       | 13.4      | 5.6       | 13.9      | 6.8       | 15.0      |           |           |
| 08:45 | 9.4       | 5.9       | 12.7      | 7.4       | 10.4      |           |           |           |           |
| 09:00 | 9.6       | 6.8       | 7.4       | 7.6       | 7.0       |           |           |           |           |
| 09:15 | 18.5      | 7.2       | 12.4      | 8.3       | 8.5       |           |           |           |           |
| 09:30 | 22.1      | 6.9       | 15.8      | 8.7       | 18.4      |           |           |           |           |
| 09:45 | 15.5      | 6.0       | 13.8      | 7.2       | 20.3      |           |           |           |           |
| 10:00 | 26.4      | 7.5       | 24.7      | 6.6       | 28.3      |           |           |           |           |
| 10:15 | 24.8      | 7.8       | 25.8      |           |           |           |           |           |           |
| 10:30 | 30.9      | 5.8       | 22.7      |           |           |           |           |           |           |
| 10:45 | 34.6      | 3.7       | 4.9       | 5.3       | 352.2     |           |           |           |           |
| 11:00 | 13.8      | 3.1       | 2.5       | 4.6       | 330.8     |           |           |           |           |
| 11:15 | 27.9      | 3.2       | 22.1      | 3.9       | 348.4     |           |           |           |           |
| 11:30 | 27.4      | 3.9       | 9.4       | 5.2       | 359.1     |           |           |           |           |
| 11:45 | 21.1      | 4.4       | 12.0      | 5.6       | 357.0     |           |           |           |           |
| 12:00 | 38.6      | 4.7       | 31.6      |           |           |           |           |           |           |
| 12:15 | 33.5      | 3.8       | 15.5      | 5.3       | 337.9     |           |           |           |           |
| 12:30 | 28.7      | 5.1       | 23.5      | 5.8       | 344.2     | 7.4       | 359.7     |           |           |



## Daily Summary Report

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

6/18/2022

Interval: 015m

|       | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEGC      | M/SEC     | DEG       |
| 00:00 |           |           |           |           |
| 00:15 | 9.3       | 336.7     |           |           |
| 00:30 | 8.6       | 339.5     |           |           |
| 00:45 | 8.2       | 341.5     |           |           |
| 01:00 | 8.8       | 336.6     |           |           |
| 01:15 | 7.9       | 326.6     | 11.0      | 323.8     |
| 01:30 | 7.6       | 329.0     | 10.8      | 327.7     |
| 01:45 | 9.3       | 329.0     | 10.5      | 331.7     |
| 02:00 |           |           |           |           |
| 02:15 |           |           |           |           |
| 02:30 |           |           |           |           |
| 02:45 | 8.9       | 351.5     |           |           |
| 03:00 | 9.5       | 348.4     |           |           |
| 03:15 | 9.6       | 347.7     |           |           |
| 03:30 |           |           |           |           |
| 03:45 |           |           |           |           |
| 04:00 |           |           |           |           |
| 04:15 |           |           |           |           |
| 04:30 |           |           |           |           |
| 04:45 |           |           |           |           |
| 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           |           |           |           |           |
| 21:00           |           |           |           |           |
| 21:15           |           |           |           |           |
| 21:30           |           |           |           |           |
| 21:45           |           |           |           |           |
| 22:00           |           |           |           |           |
| 22:15           |           |           |           |           |
| 22:30           |           |           |           |           |
| 22:45           |           |           |           |           |
| 23:00           |           |           |           |           |
| 23:15           |           |           |           |           |
| 23:30           |           |           |           |           |
| 23:45           |           |           |           |           |
| <b>Average</b>  | 8.8       | 338.7     | 10.8      | 327.7     |
| <b>Max</b>      | 9.6       | 351.5     | 11.0      | 331.7     |
| <b>Max Hour</b> | 03:15     | 02:45     | 01:15     | 01:45     |
| <b>Min</b>      | 7.6       | 326.6     | 10.5      | 323.8     |
| <b>Count</b>    | 10        | 10        | 3         | 3         |
| <b>Total</b>    |           |           |           |           |