

Daily Summary Report

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

3/15/2020

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 | | | | | | | | | |
| 00:15 | 1.9 | 256.8 | 2.1 | 229.4 | 3.3 | 233.2 | 4.5 | 226.8 | 6.6 |
| 00:30 | 2.5 | 246.4 | 2.0 | 235.1 | 3.3 | 237.6 | 4.5 | 232.7 | 6.2 |
| 00:45 | 2.9 | 230.8 | 2.4 | 230.5 | 4.0 | 225.2 | 5.1 | 222.3 | 7.5 |
| 01:00 | 2.8 | 224.2 | 3.3 | 227.6 | 5.5 | 218.9 | 7.0 | 216.0 | 9.9 |
| 01:15 | 2.5 | 246.4 | 4.1 | 230.3 | 7.1 | 228.7 | 9.0 | 226.2 | 12.1 |
| 01:30 | 2.4 | 273.3 | 4.0 | 255.3 | 6.1 | 250.7 | 7.9 | 239.5 | 11.2 |
| 01:45 | 2.5 | 302.3 | 4.2 | 287.5 | 5.6 | 284.7 | 6.3 | 270.5 | 8.6 |
| 02:00 | 2.3 | 299.5 | 3.5 | 288.7 | 6.0 | 291.4 | 7.0 | 285.1 | 8.1 |
| 02:15 | .7 | 309.4 | 2.3 | 287.2 | 4.4 | 285.6 | 5.5 | 278.5 | 7.4 |
| 02:30 | .5 | 27.9 | 1.0 | 289.8 | 1.6 | 306.0 | 1.7 | 284.6 | 3.9 |
| 02:45 | .7 | 342.4 | 1.2 | 11.4 | 3.3 | 31.9 | 2.3 | 24.1 | 1.4 |
| 03:00 | .9 | 344.4 | 2.0 | 9.1 | 4.1 | 27.5 | 3.4 | 18.5 | 1.7 |
| 03:15 | 1.3 | 353.8 | 2.2 | 16.7 | 3.8 | 23.8 | 3.5 | 16.8 | 2.0 |
| 03:30 | 1.5 | 6.8 | 2.7 | 29.7 | 4.2 | 27.5 | 3.7 | 18.0 | 2.5 |
| 03:45 | 1.7 | 7.0 | 2.9 | 21.5 | 4.5 | 25.8 | 4.0 | 18.2 | 2.9 |
| 04:00 | 1.3 | 11.2 | 2.3 | 12.3 | 4.5 | 22.6 | 4.3 | 14.3 | 3.0 |
| 04:15 | 1.8 | 17.2 | 2.0 | 22.6 | 4.9 | 21.0 | 4.6 | 8.4 | 3.3 |
| 04:30 | 1.5 | 18.2 | 2.1 | 22.8 | 4.6 | 20.3 | 4.2 | 5.8 | 3.3 |
| 04:45 | .9 | 29.8 | 1.7 | 12.9 | 3.4 | 17.1 | 3.0 | .1 | 3.0 |
| 05:00 | 1.6 | 17.4 | 1.7 | 9.2 | 2.5 | 7.0 | 1.9 | 339.8 | 2.7 |
| 05:15 | 1.9 | 16.4 | 1.7 | 358.4 | 2.0 | 355.9 | | | 2.7 |
| 05:30 | 1.5 | 22.8 | .9 | 358.9 | 1.5 | 351.7 | 1.4 | 308.2 | 2.5 |
| 05:45 | 1.2 | 30.7 | .4 | 31.7 | 1.4 | 13.2 | 1.1 | 341.3 | 1.7 |
| 06:00 | 1.4 | 24.7 | .5 | 4.7 | 2.1 | 29.2 | 2.3 | 24.6 | 1.3 |
| 06:15 | 2.7 | 9.9 | .9 | 3.8 | 3.4 | 29.1 | 3.4 | 26.9 | 1.9 |
| 06:30 | 3.7 | 6.6 | 1.1 | .2 | 3.6 | 23.9 | 3.6 | 15.6 | 2.4 |
| 06:45 | 2.8 | 7.9 | 1.1 | 2.4 | 3.4 | 26.0 | 3.4 | 15.8 | 2.7 |
| 07:00 | 2.8 | 6.7 | 1.6 | 5.2 | 3.8 | 34.4 | 4.2 | 27.2 | 3.0 |
| 07:15 | 2.6 | 6.7 | 2.1 | .9 | 3.6 | 29.2 | 4.1 | 24.6 | |
| 07:30 | 2.0 | 7.9 | 1.1 | 3.5 | 3.5 | 26.8 | 3.6 | 22.0 | |
| 07:45 | 1.9 | 12.1 | 1.6 | 2.8 | 3.9 | 31.2 | 4.1 | 27.2 | |
| 08:00 | 2.0 | 11.3 | 2.8 | 3.7 | 4.8 | 31.6 | 4.9 | 27.7 | 4.4 |
| 08:15 | 1.6 | 30.5 | 3.1 | 14.7 | 5.7 | 32.0 | 5.9 | 26.3 | 4.9 |
| 08:30 | | | 3.4 | 16.4 | 6.4 | 29.8 | 6.6 | 25.0 | 5.4 |
| 08:45 | 1.5 | 158.6 | | | 6.2 | 28.0 | 6.6 | 25.2 | 5.5 |
| 09:00 | 2.7 | 356.4 | 3.0 | 19.9 | 6.2 | 31.7 | 6.8 | 27.1 | 5.7 |
| 09:15 | 2.6 | 356.9 | | | 6.2 | 34.6 | 6.9 | 30.1 | 6.3 |
| 09:30 | 1.9 | 347.9 | 1.7 | 23.2 | 6.0 | 32.1 | 6.7 | 31.3 | 6.6 |
| 09:45 | 1.9 | 353.1 | 2.3 | 27.7 | 6.4 | 32.5 | 7.0 | 33.3 | 6.8 |
| 10:00 | 1.6 | 17.5 | 2.6 | 37.8 | 5.9 | 32.5 | 7.0 | 33.3 | 6.5 |
| 10:15 | .6 | 89.1 | 1.6 | 40.1 | 5.2 | 30.4 | 6.5 | 32.5 | 6.0 |
| 10:30 | 1.4 | 164.0 | 1.4 | 22.3 | 5.2 | 32.2 | 6.3 | 35.8 | 6.3 |
| 10:45 | 1.0 | 117.5 | 1.7 | 30.3 | 5.4 | 36.1 | 6.3 | 36.0 | 6.8 |
| 11:00 | 1.4 | 49.1 | 2.9 | 33.5 | 5.9 | 36.0 | 7.0 | 35.1 | 7.7 |
| 11:15 | 1.6 | 25.2 | 3.5 | 21.9 | 6.6 | 33.3 | 7.9 | 34.8 | 8.7 |
| 11:30 | 1.6 | 14.2 | 2.5 | 15.4 | 6.5 | 31.8 | 7.5 | 31.5 | 8.0 |
| 11:45 | 2.5 | 23.5 | 3.1 | 18.8 | 6.3 | 29.3 | 6.9 | 29.0 | 7.3 |
| 12:00 | 3.5 | 16.2 | 3.5 | 13.4 | 5.8 | 28.2 | 6.2 | 29.5 | 6.9 |
| 12:15 | 3.3 | 4.8 | 2.5 | 13.8 | 5.7 | 25.8 | 5.9 | 29.9 | 6.3 |
| 12:30 | 2.6 | 5.2 | 2.6 | 20.5 | 5.4 | 27.9 | 5.2 | 29.8 | 5.4 |

Daily Summary Report

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

3/15/2020

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 | | | | | | | | | |
| 00:15 | 213.3 | 9.4 | 209.8 | 12.6 | 221.0 | 13.0 | 234.3 | 18.6 | 230.2 |
| 00:30 | 220.2 | 9.1 | 216.8 | 13.1 | 224.6 | 12.5 | 224.9 | | |
| 00:45 | 216.7 | 10.8 | 216.1 | 14.8 | 223.4 | 15.2 | 226.8 | | |
| 01:00 | 215.6 | 13.2 | 215.8 | 17.3 | 218.6 | 16.3 | 229.3 | 15.7 | 233.1 |
| 01:15 | 222.9 | 14.4 | 222.5 | 18.4 | 218.4 | 17.3 | 226.5 | 15.6 | 229.2 |
| 01:30 | 236.8 | 13.4 | 230.7 | 16.4 | 223.6 | 18.1 | 229.7 | | |
| 01:45 | 256.6 | 10.3 | 245.0 | 12.3 | 233.8 | 14.0 | 237.7 | | |
| 02:00 | 275.6 | 9.0 | 267.5 | 9.9 | 257.9 | 10.7 | 243.5 | 11.8 | 234.5 |
| 02:15 | 273.3 | 8.2 | 273.0 | 8.9 | 265.1 | 9.6 | 251.8 | 10.6 | 247.2 |
| 02:30 | 272.5 | | | 6.6 | 268.1 | 8.8 | 265.4 | 10.4 | 260.2 |
| 02:45 | 333.4 | 2.3 | 283.0 | 5.0 | 277.7 | 6.4 | 270.1 | 8.7 | 266.3 |
| 03:00 | 1.8 | 1.4 | 307.2 | 3.3 | 285.8 | 5.0 | 273.3 | 7.7 | 257.3 |
| 03:15 | 8.8 | 1.4 | 349.5 | 2.1 | 289.0 | 4.4 | 267.7 | 6.7 | 249.7 |
| 03:30 | 1.3 | | | 2.5 | 305.9 | 4.6 | 273.3 | 6.3 | 250.7 |
| 03:45 | 354.1 | 2.5 | 329.3 | 3.7 | 304.2 | 5.0 | 279.1 | 6.6 | 245.5 |
| 04:00 | 352.1 | 2.8 | 320.2 | 3.7 | 301.8 | 5.0 | 279.8 | 6.0 | 246.4 |
| 04:15 | 343.6 | 2.9 | 324.7 | 3.9 | 310.0 | 5.7 | 290.4 | 5.6 | 266.3 |
| 04:30 | 334.5 | 3.2 | 322.2 | 4.9 | 310.0 | 7.3 | 296.4 | 6.7 | 281.3 |
| 04:45 | 316.1 | 3.3 | 309.5 | 5.7 | 302.9 | 8.9 | 294.8 | 8.8 | 286.8 |
| 05:00 | 298.7 | 3.3 | 302.6 | 5.5 | 297.8 | 9.3 | 286.9 | 11.7 | 290.7 |
| 05:15 | 295.2 | 3.7 | 301.5 | 5.3 | 296.0 | 9.0 | 283.7 | 11.6 | 279.8 |
| 05:30 | 295.1 | 3.2 | 302.9 | 5.1 | 299.8 | 8.9 | 294.5 | 11.4 | 283.6 |
| 05:45 | 297.6 | 2.4 | 302.0 | 4.4 | 304.0 | 7.7 | 294.8 | 9.5 | 282.2 |
| 06:00 | 339.9 | 2.0 | 307.2 | 3.2 | 313.1 | 5.9 | 295.0 | 8.4 | 284.1 |
| 06:15 | 358.0 | 1.8 | 331.5 | 2.5 | 318.4 | 5.3 | 301.3 | 8.8 | 278.2 |
| 06:30 | 350.8 | 1.9 | 339.5 | 2.1 | 314.5 | 4.3 | 285.1 | | |
| 06:45 | 350.5 | 2.1 | 345.6 | 2.4 | 347.6 | | | 3.6 | 290.1 |
| 07:00 | 4.6 | | | 2.9 | 352.1 | 2.4 | 328.8 | 3.7 | 320.9 |
| 07:15 | | 2.3 | 335.5 | 2.7 | 327.6 | 2.6 | 310.9 | 3.8 | 306.5 |
| 07:30 | | 1.8 | 322.1 | 2.0 | 316.3 | 2.2 | 291.6 | 4.1 | 291.3 |
| 07:45 | | 2.2 | 347.8 | 2.0 | 326.0 | 3.1 | 279.8 | 3.6 | 289.1 |
| 08:00 | 15.4 | | | 2.4 | 332.5 | 4.0 | 293.3 | 3.8 | 286.1 |
| 08:15 | 14.8 | 4.0 | .3 | 2.7 | 332.3 | 5.0 | 324.3 | 3.7 | 293.3 |
| 08:30 | 11.4 | 4.6 | 354.7 | 3.1 | 336.7 | 4.2 | 328.5 | 2.9 | 306.3 |
| 08:45 | 12.1 | | | 3.8 | 344.3 | 3.4 | 334.0 | 2.5 | 301.7 |
| 09:00 | 16.4 | | | 4.3 | 350.7 | 3.9 | 342.6 | 2.0 | 320.1 |
| 09:15 | 19.7 | | | 4.0 | 351.3 | 5.3 | 347.6 | 3.1 | 356.8 |
| 09:30 | 21.8 | 5.3 | 13.3 | 3.8 | 353.9 | 4.0 | 348.1 | .9 | 79.4 |
| 09:45 | 24.7 | 5.8 | 15.9 | 4.1 | 7.6 | 4.1 | 6.2 | | |
| 10:00 | 29.3 | 5.9 | 19.5 | 4.1 | 20.1 | 6.3 | 19.0 | | |
| 10:15 | 30.6 | 5.6 | 21.9 | | | 4.1 | 6.0 | 2.9 | 17.0 |
| 10:30 | 29.0 | 6.2 | 21.8 | 5.4 | 15.2 | 4.3 | 13.0 | 3.9 | 3.4 |
| 10:45 | 32.1 | 7.5 | 26.1 | 7.3 | 19.6 | 6.4 | 14.1 | 4.7 | 2.4 |
| 11:00 | 33.8 | 8.4 | 29.9 | 8.1 | 25.5 | 7.1 | 16.0 | 4.9 | 1.0 |
| 11:15 | 32.5 | 9.1 | 30.8 | 8.3 | 31.5 | 7.1 | 25.6 | 5.6 | 13.6 |
| 11:30 | 30.5 | 8.6 | 27.4 | 8.6 | 27.4 | 7.6 | 28.3 | 6.9 | 19.9 |
| 11:45 | 27.3 | 7.7 | 23.7 | 8.2 | 21.8 | 7.6 | 25.0 | 6.5 | 17.0 |
| 12:00 | 24.8 | 7.2 | 22.6 | 7.5 | 19.6 | 6.9 | 24.0 | 6.5 | 19.8 |
| 12:15 | 21.9 | 6.5 | 17.5 | 7.0 | 17.7 | 6.3 | 24.6 | 6.9 | 24.5 |
| 12:30 | 21.4 | 5.5 | 14.7 | 6.2 | 18.7 | 6.1 | 23.6 | 8.1 | 28.4 |

Daily Summary Report

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

3/15/2020

Interval: 015m

| | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEGC | M/SEC | DEG |
| 00:00 | | | | |
| 00:15 | | | | |
| 00:30 | | | | |
| 00:45 | | | | |
| 01:00 | 15.8 | 235.5 | | |
| 01:15 | | | | |
| 01:30 | | | | |
| 01:45 | | | | |
| 02:00 | | | | |
| 02:15 | 13.0 | 237.3 | | |
| 02:30 | 12.4 | 258.1 | | |
| 02:45 | | | | |
| 03:00 | 10.4 | 251.5 | | |
| 03:15 | 9.7 | 241.5 | 12.6 | 236.7 |
| 03:30 | 9.4 | 240.9 | 12.6 | 238.8 |
| 03:45 | 9.1 | 236.9 | 12.9 | 236.0 |
| 04:00 | 8.2 | 230.9 | 12.0 | 227.2 |
| 04:15 | 7.3 | 238.9 | 10.7 | 227.0 |
| 04:30 | 7.1 | 258.1 | 8.6 | 257.5 |
| 04:45 | 8.3 | 281.0 | 9.0 | 264.7 |
| 05:00 | 10.1 | 277.6 | | |
| 05:15 | | | | |
| 05:30 | | | | |
| 05:45 | 9.9 | 273.4 | | |
| 06:00 | 10.2 | 263.9 | | |
| 06:15 | | | | |
| 06:30 | 7.1 | 266.1 | | |
| 06:45 | 6.7 | 287.4 | | |
| 07:00 | 7.8 | 302.2 | | |
| 07:15 | 7.0 | 303.7 | | |
| 07:30 | 6.7 | 299.4 | 11.3 | 303.6 |
| 07:45 | 6.9 | 298.6 | 11.5 | 311.0 |
| 08:00 | 8.7 | 314.1 | 12.7 | 316.9 |
| 08:15 | 9.5 | 318.4 | | |
| 08:30 | 7.5 | 315.4 | | |
| 08:45 | 4.8 | 310.2 | | |
| 09:00 | 5.6 | 327.9 | 7.2 | 326.6 |
| 09:15 | 4.0 | 345.6 | 5.2 | 343.3 |
| 09:30 | 1.8 | 324.9 | 3.1 | 345.4 |
| 09:45 | | | | |
| 10:00 | | | | |
| 10:15 | | | | |
| 10:30 | 4.2 | 14.8 | | |
| 10:45 | 5.3 | 4.0 | | |
| 11:00 | 4.2 | 358.8 | | |
| 11:15 | 3.7 | 359.5 | 4.3 | 25.1 |
| 11:30 | 4.7 | 10.1 | 3.4 | 18.3 |
| 11:45 | 6.1 | 13.7 | 3.4 | 5.7 |
| 12:00 | 5.7 | 19.2 | | |
| 12:15 | 7.0 | 36.8 | | |
| 12:30 | 5.9 | 10.4 | 4.1 | 359.4 |

| | 21_WS700m | 22_WD700m | 23_WS800m | 24_WD800m |
|-----------------|--------------|--------------|--------------|--------------|
| Time | M/SEC | DEGC | M/SEC | DEG |
| 12:45 | 6.7 | .8 | | |
| 13:00 | | | 3.8 | 29.7 |
| 13:15 | 5.2 | 48.6 | 2.6 | 45.0 |
| 13:30 | 3.3 | 2.4 | 1.2 | 47.6 |
| 13:45 | 4.3 | 330.5 | 4.6 | 345.8 |
| 14:00 | 3.8 | 339.4 | 2.0 | 340.5 |
| 14:15 | 3.9 | 344.0 | 1.2 | 15.6 |
| 14:30 | 3.9 | 327.0 | | |
| 14:45 | 3.3 | 324.6 | | |
| 15:00 | 3.9 | 337.4 | | |
| 15:15 | 3.8 | 330.9 | 1.0 | 44.6 |
| 15:30 | 3.6 | 332.9 | 3.2 | 338.8 |
| 15:45 | 3.4 | 343.9 | | |
| 16:00 | | | | |
| 16:15 | 2.0 | 332.6 | 1.3 | 16.5 |
| 16:30 | 2.3 | 328.9 | 2.5 | 11.5 |
| 16:45 | 2.4 | 336.3 | 1.1 | 41.1 |
| 17:00 | 1.7 | 339.8 | | |
| 17:15 | 1.1 | 341.4 | | |
| 17:30 | 1.5 | 314.9 | 1.2 | 205.8 |
| 17:45 | 2.5 | 295.2 | 1.4 | 186.5 |
| 18:00 | 1.4 | 282.1 | 2.5 | 225.0 |
| 18:15 | .7 | 253.7 | 2.9 | 243.5 |
| 18:30 | | | | |
| 18:45 | | | | |
| 19:00 | | | | |
| 19:15 | | | | |
| 19:30 | 1.4 | 81.8 | | |
| 19:45 | | | | |
| 20:00 | | | | |
| 20:15 | | | | |
| 20:30 | | | | |
| 20:45 | | | | |
| 21:00 | | | | |
| 21:15 | | | | |
| 21:30 | | | | |
| 21:45 | | | | |
| 22:00 | | | | |
| 22:15 | 6.4 | 96.5 | | |
| 22:30 | 4.7 | 117.4 | | |
| 22:45 | 4.0 | 126.0 | 3.9 | 159.0 |
| 23:00 | 4.7 | 141.2 | 3.5 | 137.7 |
| 23:15 | 4.8 | 136.4 | 4.7 | 121.2 |
| 23:30 | 6.0 | 120.2 | 5.4 | 119.8 |
| 23:45 | 7.6 | 118.0 | 5.3 | 132.7 |
| Avg | 5.8 | 233.7 | 5.4 | 185.2 |
| Max | 15.8 | 359.5 | 12.9 | 359.4 |
| Max Time | 01:00 | 11:15 | 03:45 | 12:30 |
| Min | .7 | .8 | 1.0 | 5.7 |
| Count | 65 | 65 | 37 | 37 |
| Total | | | | |