

Daily Summary Report

Site: Lidar "Q" (PAM35)

10/20/2021

Interval: 005m

| | 03_TempC_002m | 04_BP_002m | 05_RH_002m | 06_WS040m | 07_WD040m | 08_VWS040m | 09_WS060m | 10_WD060m | 11_VWS060m |
|-------|---------------|------------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time | DEGC | INHG | PERCENT | M/SEC | DEG | M/SEC | M/SEC | DEG | MPH |
| 00:00 | 13.6 | 996.00 | 95.0 | .5 | 34.5 | -.10 | .5 | 34.1 | .18 |
| 00:05 | 13.6 | 996.00 | 95.0 | .7 | 328.3 | -.28 | .5 | 354.7 | .06 |
| 00:10 | 13.5 | 996.00 | 95.0 | .4 | 305.4 | .03 | .6 | 353.4 | .30 |
| 00:15 | 13.5 | 996.00 | 95.0 | .6 | 306.8 | -.22 | .3 | 330.4 | .12 |
| 00:20 | 13.5 | 996.00 | 95.0 | .6 | 298.9 | -.17 | .2 | 347.0 | .15 |
| 00:25 | 13.5 | 996.00 | 95.0 | .7 | 235.7 | -.01 | .2 | 138.5 | .21 |
| 00:30 | 13.4 | 996.00 | 95.0 | .9 | 209.6 | .07 | .5 | 178.3 | .27 |
| 00:35 | 13.4 | 996.00 | 95.0 | .5 | 211.6 | .03 | .5 | 219.3 | .24 |
| 00:40 | 13.3 | 996.00 | 95.0 | .6 | 197.5 | -.08 | .4 | 320.2 | .09 |
| 00:45 | 13.3 | 996.00 | 95.0 | .4 | 100.4 | -.26 | .6 | 33.1 | .02 |
| 00:50 | 13.3 | 996.00 | 95.0 | .4 | 52.0 | -.06 | .6 | 14.9 | .19 |
| 00:55 | 13.3 | 996.00 | 95.0 | .3 | 41.6 | -.18 | .5 | 31.2 | .10 |
| 01:00 | 13.3 | 996.00 | 95.0 | .5 | 61.0 | -.02 | .4 | 49.8 | .15 |
| 01:05 | 13.3 | 996.00 | 95.0 | .2 | 69.5 | .14 | .3 | 359.8 | .21 |
| 01:10 | 13.3 | 996.00 | 96.0 | .1 | 281.8 | .14 | .3 | 10.2 | .24 |
| 01:15 | 13.3 | 996.00 | 96.0 | .3 | 301.1 | .20 | .4 | 23.1 | .36 |
| 01:20 | 13.5 | 996.00 | 96.0 | .4 | 315.7 | .29 | .6 | 348.8 | .37 |
| 01:25 | 13.5 | 996.00 | 96.0 | .3 | 349.2 | .16 | .6 | 358.0 | |
| 01:30 | 13.8 | 996.00 | 96.0 | .2 | 284.3 | .23 | .4 | 7.8 | .29 |
| 01:35 | 13.8 | 996.00 | 96.0 | .2 | 247.2 | .20 | .4 | 242.4 | .22 |
| 01:40 | 14.0 | 996.00 | 96.0 | .3 | 277.7 | .01 | .5 | 247.5 | .09 |
| 01:45 | 14.0 | 996.00 | 96.0 | .3 | 272.9 | .04 | .3 | 274.2 | .12 |
| 01:50 | 14.2 | 996.00 | 95.0 | .6 | 203.8 | -.01 | .5 | 193.4 | .09 |
| 01:55 | 14.2 | 996.00 | 95.0 | .5 | 201.5 | .08 | .5 | 222.3 | .14 |
| 02:00 | 14.3 | 996.00 | 95.0 | .4 | 216.8 | .18 | .7 | 240.3 | .22 |
| 02:05 | 14.3 | 996.00 | 95.0 | .6 | 190.5 | .19 | .8 | 218.5 | .24 |
| 02:10 | 14.3 | 996.00 | 96.0 | .7 | 188.7 | .16 | .8 | 218.5 | .24 |
| 02:15 | 14.3 | 996.00 | 96.0 | .6 | 181.3 | .21 | .6 | 209.8 | .22 |
| 02:20 | 14.4 | 996.00 | 96.0 | .7 | 177.4 | .09 | .6 | 191.6 | .19 |
| 02:25 | 14.4 | 996.00 | 96.0 | .7 | 177.3 | .16 | .7 | 184.5 | .21 |
| 02:30 | 14.5 | 996.00 | 96.0 | .5 | 202.9 | .06 | .4 | 193.9 | .14 |
| 02:35 | 14.5 | 996.00 | 96.0 | .2 | 350.3 | .08 | .2 | 354.7 | .20 |
| 02:40 | 14.5 | 996.00 | 96.0 | .4 | 27.3 | .09 | .5 | 8.4 | .13 |
| 02:45 | 14.5 | 996.00 | 96.0 | .2 | 151.5 | .06 | .5 | 42.5 | .10 |
| 02:50 | 14.6 | 996.00 | 96.0 | .4 | 158.1 | .25 | .3 | 62.5 | .26 |
| 02:55 | 14.6 | 996.00 | 96.0 | .3 | 107.1 | .20 | .7 | 7.7 | .17 |
| 03:00 | 14.6 | 996.00 | 96.0 | .4 | 142.7 | .19 | .3 | 80.1 | .21 |
| 03:05 | 14.6 | 996.00 | 96.0 | .3 | 167.0 | .20 | .3 | 174.3 | .18 |
| 03:10 | 14.5 | 996.00 | 96.0 | .2 | 220.8 | .23 | .3 | 173.5 | .15 |
| 03:15 | 14.5 | 996.00 | 96.0 | .2 | 95.9 | .18 | .3 | 23.0 | .20 |
| 03:20 | 14.5 | 996.00 | 96.0 | .2 | 326.5 | .19 | .3 | 355.9 | .27 |
| 03:25 | 14.5 | 996.00 | 96.0 | .6 | 326.3 | .11 | .8 | 354.8 | .12 |
| 03:30 | 14.5 | 996.00 | 96.0 | .3 | 1.7 | .07 | .7 | 19.8 | .08 |
| 03:35 | 14.5 | 996.00 | 96.0 | .4 | 43.3 | -.03 | .8 | 29.1 | -.01 |
| 03:40 | 14.5 | 997.00 | 96.0 | 1.1 | 31.8 | -.17 | 1.3 | 34.8 | -.12 |
| 03:45 | 14.5 | 997.00 | 96.0 | 1.5 | 32.1 | -.03 | 1.3 | 28.3 | .04 |
| 03:50 | 14.6 | 997.00 | 96.0 | 1.2 | 25.8 | .02 | 1.2 | 28.6 | .06 |
| 03:55 | 14.6 | 997.00 | 96.0 | .9 | 42.5 | .20 | .8 | 47.4 | .21 |
| 04:00 | 14.5 | 997.00 | 96.0 | .8 | 22.6 | .11 | .7 | 20.1 | .21 |
| 04:05 | 14.5 | 997.00 | 96.0 | .4 | 16.6 | -.09 | .4 | 359.0 | -.05 |
| 04:10 | 14.5 | 997.00 | 96.0 | .3 | 43.3 | .03 | .4 | 40.5 | .02 |

| | 03_TempC_002m | 04_BP_002m | 05_RH_002m | 06_WS040m | 07_WD040m | 08_VWS040m | 09_WS060m | 10_WD060m | 11_VWS060m |
|-------|---------------|------------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time | DEGC | INHG | PERCENT | M/SEC | DEG | M/SEC | M/SEC | DEG | MPH |
| 04:15 | 14.5 | 997.00 | 96.0 | .3 | .4 | -.20 | .4 | 11.8 | -.11 |
| 04:20 | 14.6 | 997.00 | 96.0 | .7 | 14.0 | .15 | .8 | 17.0 | .21 |
| 04:25 | 14.6 | 997.00 | 96.0 | .5 | 38.0 | .16 | .5 | 39.0 | .17 |
| 04:30 | 14.6 | 997.00 | 96.0 | .4 | 121.7 | .00 | .4 | 114.3 | -.11 |
| 04:35 | 14.6 | 997.00 | 96.0 | .4 | 136.3 | -.08 | .4 | 102.8 | -.11 |
| 04:40 | 14.6 | 997.00 | 96.0 | .6 | 79.2 | -.05 | .5 | 74.5 | .01 |
| 04:45 | 14.6 | 997.00 | 96.0 | .3 | 51.6 | .12 | .5 | 14.9 | .14 |
| 04:50 | 14.6 | 997.00 | 96.0 | .2 | 171.0 | .08 | .3 | 337.8 | .13 |
| 04:55 | 14.6 | 997.00 | 96.0 | .2 | 322.7 | .03 | .4 | 357.7 | .10 |
| 05:00 | 14.6 | 997.00 | 96.0 | .5 | 64.5 | -.04 | .6 | 43.3 | -.01 |
| 05:05 | 14.6 | 997.00 | 96.0 | .9 | 40.1 | -.11 | 1.0 | 44.8 | -.06 |
| 05:10 | 14.6 | 997.00 | 96.0 | .9 | 36.1 | .19 | .9 | 56.9 | .22 |
| 05:15 | 14.6 | 997.00 | 96.0 | .6 | 9.0 | .18 | .6 | 20.8 | .25 |
| 05:20 | 14.6 | 997.00 | 96.0 | .4 | 33.5 | .19 | .4 | 73.0 | .15 |
| 05:25 | 14.6 | 997.00 | 96.0 | .3 | 44.9 | .17 | .3 | 37.4 | .22 |
| 05:30 | 14.6 | 997.00 | 96.0 | .4 | 54.5 | -.15 | .5 | 44.4 | -.19 |
| 05:35 | 14.6 | 997.00 | 96.0 | .5 | 107.0 | -.01 | .7 | 88.5 | .05 |
| 05:40 | 14.6 | 997.00 | 96.0 | .4 | 13.7 | -.01 | .4 | 42.9 | .04 |
| 05:45 | 14.6 | 997.00 | 96.0 | .9 | 9.1 | -.02 | .9 | 32.3 | .01 |
| 05:50 | 14.6 | 997.00 | 96.0 | 1.0 | 25.8 | .09 | 1.2 | 43.5 | .15 |
| 05:55 | 14.6 | 997.00 | 96.0 | .6 | 16.0 | -.11 | .8 | 26.6 | -.03 |
| 06:00 | 14.6 | 997.00 | 96.0 | .8 | 71.4 | -.12 | .9 | 72.0 | -.14 |
| 06:05 | 14.6 | 997.00 | 96.0 | .5 | 57.2 | .04 | .7 | 44.7 | .14 |
| 06:10 | 14.5 | 997.00 | 96.0 | .4 | 313.6 | -.03 | .4 | 15.4 | .03 |
| 06:15 | 14.5 | 997.00 | 96.0 | .4 | 59.5 | -.17 | .5 | 27.7 | -.19 |
| 06:20 | 14.5 | 997.00 | 96.0 | .5 | 20.8 | -.19 | .5 | 35.2 | -.09 |
| 06:25 | 14.5 | 997.00 | 96.0 | 1.0 | 35.3 | -.05 | 1.0 | 40.2 | -.02 |
| 06:30 | 14.5 | 997.00 | 96.0 | .9 | 5.5 | -.08 | .9 | 8.7 | .02 |
| 06:35 | 14.5 | 997.00 | 96.0 | .8 | 24.5 | .04 | .8 | 41.5 | .10 |
| 06:40 | 14.5 | 997.00 | 96.0 | .8 | 8.5 | -.15 | .8 | 20.5 | -.15 |
| 06:45 | 14.5 | 997.00 | 96.0 | .8 | 27.8 | -.27 | .9 | 41.4 | -.20 |
| 06:50 | 14.4 | 998.00 | 96.0 | .7 | .9 | -.27 | .9 | 9.2 | -.20 |
| 06:55 | 14.4 | 998.00 | 96.0 | .8 | 25.7 | .26 | .8 | 35.2 | .34 |
| 07:00 | 14.4 | 998.00 | 96.0 | .5 | 23.7 | .02 | .4 | 27.9 | .03 |
| 07:05 | 14.4 | 998.00 | 96.0 | .4 | 18.7 | .05 | .3 | 18.5 | .10 |
| 07:10 | 14.3 | 998.00 | 96.0 | .6 | 54.7 | -.07 | .6 | 61.8 | -.02 |
| 07:15 | 14.3 | 998.00 | 96.0 | .5 | 5.0 | .03 | .5 | 22.2 | .09 |
| 07:20 | 14.2 | 998.00 | 96.0 | .7 | 8.5 | -.03 | .8 | 18.1 | .05 |
| 07:25 | 14.2 | 998.00 | 96.0 | 1.0 | 33.5 | -.01 | 1.0 | 33.0 | .03 |
| 07:30 | 14.1 | 998.00 | 96.0 | .8 | 20.8 | .27 | .9 | 33.2 | .31 |
| 07:35 | 14.1 | 998.00 | 96.0 | .7 | 357.3 | .13 | .8 | 15.6 | .20 |
| 07:40 | 14.1 | 998.00 | 96.0 | .6 | 353.9 | .03 | .5 | 1.6 | .04 |
| 07:45 | 14.1 | 998.00 | 96.0 | .6 | 3.7 | -.10 | .7 | 18.6 | -.07 |
| 07:50 | 14.1 | 998.00 | 96.0 | .8 | 2.2 | -.01 | .8 | 19.0 | .07 |
| 07:55 | 14.1 | 998.00 | 96.0 | .7 | 29.2 | .31 | .8 | 50.4 | .34 |
| 08:00 | 14.1 | 998.00 | 96.0 | .2 | 316.9 | .18 | .2 | 248.7 | .10 |
| 08:05 | 14.1 | 998.00 | 96.0 | .4 | 56.2 | -.11 | .4 | 2.6 | -.11 |
| 08:10 | 14.0 | 998.00 | 96.0 | .5 | 22.9 | -.05 | .7 | 16.5 | -.05 |
| 08:15 | 14.0 | 998.00 | 96.0 | .4 | 120.5 | -.24 | .5 | 85.5 | -.11 |
| 08:20 | 14.0 | 998.00 | 96.0 | .4 | 171.6 | -.19 | .4 | 138.9 | -.08 |
| 08:25 | 14.0 | 998.00 | 96.0 | .3 | 346.5 | -.34 | .3 | 14.6 | -.23 |
| 08:30 | 14.0 | 998.00 | 96.0 | .5 | 30.2 | .10 | .5 | 44.3 | .16 |
| 08:35 | 14.0 | 998.00 | 96.0 | .4 | 23.2 | .37 | .3 | 338.5 | .47 |
| 08:40 | 14.0 | 998.00 | 96.0 | .2 | 39.9 | .28 | .1 | 286.5 | .24 |
| 08:45 | 14.0 | 998.00 | 96.0 | .4 | 286.4 | .46 | .5 | 245.9 | .36 |
| 08:50 | 14.0 | 998.00 | 96.0 | .4 | 203.3 | .20 | .4 | 187.5 | .16 |

| | 03_TempC_002m | 04_BP_002m | 05_RH_002m | 06_WS040m | 07_WD040m | 08_VWS040m | 09_WS060m | 10_WD060m | 11_VWS060m |
|-------|---------------|------------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time | DEGC | INHG | PERCENT | M/SEC | DEG | M/SEC | M/SEC | DEG | MPH |
| 08:55 | 14.0 | 998.00 | 96.0 | .2 | 226.5 | -.02 | .5 | 234.6 | .07 |
| 09:00 | 14.0 | 998.00 | 96.0 | .6 | 55.4 | .06 | .5 | 94.5 | .02 |
| 09:05 | 14.0 | 998.00 | 96.0 | .9 | 34.4 | .15 | .8 | 23.6 | .25 |
| 09:10 | 14.1 | 998.00 | 96.0 | .5 | 11.4 | -.01 | .6 | 34.9 | -.05 |
| 09:15 | 14.1 | 998.00 | 96.0 | .6 | 37.6 | .06 | .6 | 49.1 | .07 |
| 09:20 | 14.2 | 998.00 | 96.0 | .4 | 329.5 | .29 | .3 | 173.8 | .32 |
| 09:25 | 14.2 | 998.00 | 96.0 | .4 | 53.6 | -.17 | .3 | 54.4 | -.06 |
| 09:30 | 14.4 | 999.00 | 96.0 | .4 | 4.1 | -.34 | .3 | 90.9 | -.13 |
| 09:35 | 14.4 | 999.00 | 96.0 | .9 | 55.0 | -.03 | .9 | 68.1 | -.02 |
| 09:40 | 14.5 | 999.00 | 96.0 | .5 | 92.3 | .20 | .7 | 89.8 | .27 |
| 09:45 | 14.5 | 999.00 | 96.0 | .7 | 12.7 | .03 | .6 | 25.4 | .13 |
| 09:50 | 14.7 | 999.00 | 96.0 | .8 | 34.1 | -.11 | .8 | 49.4 | .04 |
| 09:55 | 14.7 | 999.00 | 96.0 | 1.0 | 31.2 | -.13 | .9 | 47.7 | -.02 |
| 10:00 | 14.9 | 999.00 | 96.0 | .4 | 299.8 | .02 | .2 | 201.5 | .18 |
| 10:05 | 14.9 | 999.00 | 96.0 | .3 | 289.0 | .05 | .3 | 246.8 | .19 |
| 10:10 | 15.2 | 999.00 | 96.0 | .3 | 6.9 | .00 | .3 | 132.0 | .19 |
| 10:15 | 15.2 | 999.00 | 96.0 | .5 | 172.5 | -.59 | .5 | 188.6 | -.13 |
| 10:20 | 15.5 | 999.00 | 95.0 | .7 | 217.4 | -.84 | .5 | 196.6 | -.51 |
| 10:25 | 15.5 | 999.00 | 95.0 | .5 | 255.9 | -.77 | .7 | 198.1 | -.69 |
| 10:30 | 15.9 | 999.00 | 94.0 | .4 | 354.0 | -.95 | .7 | 217.8 | -.87 |
| 10:35 | 15.9 | 999.00 | 94.0 | .7 | 341.2 | -.46 | 1.0 | 294.0 | -.59 |
| 10:40 | 16.2 | 999.00 | 94.0 | .4 | 210.4 | -.08 | .9 | 242.6 | -.37 |
| 10:45 | 16.2 | 999.00 | 94.0 | .6 | 99.8 | -.07 | .3 | 136.5 | .00 |
| 10:50 | 16.7 | 999.00 | 92.0 | .6 | 27.4 | .02 | .3 | 38.2 | .00 |
| 10:55 | 16.7 | 999.00 | 92.0 | .7 | 27.9 | .10 | .7 | 35.2 | .04 |
| 11:00 | 17.2 | 999.00 | 89.0 | .8 | 52.4 | .17 | .7 | 58.1 | .09 |
| 11:05 | 17.2 | 999.00 | 89.0 | .8 | 37.0 | .09 | .5 | 25.8 | .10 |
| 11:10 | 18.1 | 999.00 | 86.0 | .9 | 24.5 | .21 | .6 | 32.2 | .17 |
| 11:15 | 18.1 | 999.00 | 86.0 | .9 | 28.0 | .05 | .8 | 33.9 | .14 |
| 11:20 | 18.6 | 999.00 | 83.0 | .9 | 36.0 | -.03 | .7 | 50.1 | .05 |
| 11:25 | 18.6 | 999.00 | 83.0 | .8 | 346.4 | -.04 | .6 | 5.9 | .08 |
| 11:30 | 19.1 | 999.00 | 78.0 | 1.0 | 347.9 | -.25 | 1.0 | 359.6 | -.14 |
| 11:35 | 19.1 | 999.00 | 78.0 | .8 | 67.4 | .26 | .7 | 67.5 | .33 |
| 11:40 | 19.5 | 999.00 | 75.0 | 1.3 | 54.9 | .05 | 1.1 | 39.3 | .02 |
| 11:45 | 19.5 | 999.00 | 75.0 | 1.1 | 40.3 | -.35 | 1.0 | 1.6 | -.46 |
| 11:50 | 19.5 | 999.00 | 71.0 | 1.2 | 290.1 | -.37 | 1.6 | 295.7 | -.48 |
| 11:55 | 19.5 | 999.00 | 71.0 | 1.0 | 312.4 | .26 | 1.0 | 307.3 | .22 |
| 12:00 | 19.6 | 998.00 | 67.0 | .8 | 39.4 | -.32 | 1.0 | 51.2 | -.55 |
| 12:05 | 19.6 | 998.00 | 67.0 | 1.0 | 46.6 | .00 | 1.2 | 55.7 | -.04 |
| 12:10 | 19.3 | 998.00 | 66.0 | .8 | 91.5 | -.33 | .8 | 81.8 | -.55 |
| 12:15 | 19.3 | 998.00 | 66.0 | .7 | 136.5 | -.45 | 1.0 | 170.7 | -.68 |
| 12:20 | 19.4 | 999.00 | 64.0 | .9 | 152.5 | -.59 | 1.6 | 158.0 | -.54 |
| 12:25 | 19.4 | 999.00 | 64.0 | 1.2 | 202.7 | .14 | 1.4 | 191.0 | .14 |
| 12:30 | 20.0 | 998.00 | 59.0 | 1.2 | 180.0 | .67 | 1.1 | 190.1 | .73 |
| 12:35 | 20.0 | 998.00 | 59.0 | .9 | 230.8 | .27 | 1.0 | 211.9 | .31 |
| 12:40 | 20.8 | 998.00 | 59.0 | 1.4 | 217.9 | .05 | 1.6 | 213.7 | .08 |
| 12:45 | 20.8 | 998.00 | 59.0 | 1.6 | 228.9 | -.01 | 1.6 | 224.0 | -.17 |
| 12:50 | 21.6 | 998.00 | 58.0 | 1.1 | 225.8 | .33 | 1.4 | 199.2 | .50 |
| 12:55 | 21.6 | 998.00 | 58.0 | .7 | 261.2 | -.48 | .8 | 243.6 | -.64 |
| 13:00 | 22.2 | 998.00 | 57.0 | 1.6 | 232.1 | -.12 | 1.7 | 221.7 | -.26 |
| 13:05 | 22.2 | 998.00 | 57.0 | 1.0 | 256.3 | -.34 | 1.0 | 219.0 | -.34 |
| 13:10 | 22.4 | 998.00 | 57.0 | 1.1 | 198.4 | .22 | 1.2 | 195.4 | .27 |
| 13:15 | 22.4 | 998.00 | 57.0 | 1.3 | 161.4 | .10 | 1.6 | 152.0 | .01 |
| 13:20 | 22.6 | 997.00 | 55.0 | 1.6 | 264.9 | -.15 | 1.7 | 258.2 | -.26 |
| 13:25 | 22.6 | 997.00 | 55.0 | 1.4 | 262.8 | -.20 | 1.4 | 255.1 | -.18 |
| 13:30 | 22.8 | 997.00 | 55.0 | 1.1 | 237.3 | -.42 | 1.5 | 220.7 | -.25 |

| | 03_TempC_002m | 04_BP_002m | 05_RH_002m | 06_WS040m | 07_WD040m | 08_VWS040m | 09_WS060m | 10_WD060m | 11_VWS060m |
|-------|---------------|------------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time | DEGC | INHG | PERCENT | M/SEC | DEG | M/SEC | M/SEC | DEG | MPH |
| 13:35 | 22.8 | 997.00 | 55.0 | 1.5 | 190.1 | .46 | 1.5 | 189.7 | .57 |
| 13:40 | 23.3 | 997.00 | 53.0 | 1.2 | 256.8 | .18 | 1.3 | 249.1 | .10 |
| 13:45 | 23.3 | 997.00 | 53.0 | 1.6 | 281.6 | .13 | 1.7 | 270.5 | .10 |
| 13:50 | 24.0 | 996.00 | 53.0 | 1.3 | 260.3 | .08 | 1.5 | 257.7 | .09 |
| 13:55 | 24.0 | 996.00 | 53.0 | 1.3 | 161.6 | -.54 | 1.8 | 163.7 | -.55 |
| 14:00 | 24.7 | 996.00 | 53.0 | 2.2 | 208.2 | .06 | 2.4 | 213.5 | -.04 |
| 14:05 | 24.7 | 996.00 | 53.0 | 2.1 | 200.7 | -.47 | 2.3 | 201.1 | -.41 |
| 14:10 | 25.2 | 997.00 | 52.0 | 2.7 | 234.5 | .22 | 2.9 | 234.1 | .27 |
| 14:15 | 25.2 | 997.00 | 52.0 | 1.8 | 234.7 | -.03 | 2.0 | 236.4 | .03 |
| 14:20 | 25.7 | 996.00 | 52.0 | 2.3 | 248.1 | .04 | 2.4 | 241.0 | .01 |
| 14:25 | 25.7 | 996.00 | 52.0 | 2.2 | 230.0 | .35 | 2.3 | 231.3 | .41 |
| 14:30 | 25.8 | 995.00 | 52.0 | 1.8 | 210.2 | .34 | 2.0 | 215.2 | .58 |
| 14:35 | 25.8 | 995.00 | 52.0 | 2.0 | 223.0 | .38 | 2.2 | 221.6 | .45 |
| 14:40 | 25.2 | 994.00 | 54.0 | 1.9 | 202.9 | -.20 | 2.1 | 204.4 | -.30 |
| 14:45 | 25.2 | 994.00 | 54.0 | 1.5 | 241.1 | .17 | 1.9 | 240.0 | .13 |
| 14:50 | 24.6 | 994.00 | 54.0 | 1.7 | 244.3 | -.18 | 2.2 | 252.9 | -.28 |
| 14:55 | 24.6 | 994.00 | 54.0 | 2.0 | 234.1 | -.09 | 2.3 | 235.1 | -.09 |
| 15:00 | 23.9 | 995.00 | 56.0 | 1.7 | 231.2 | -.01 | 1.9 | 230.6 | -.09 |
| 15:05 | 23.9 | 995.00 | 56.0 | 2.1 | 176.9 | -.44 | 2.3 | 174.9 | -.47 |
| 15:10 | 23.4 | 995.00 | 56.0 | 2.3 | 224.2 | -.21 | 2.7 | 232.7 | -.37 |
| 15:15 | 23.4 | 995.00 | 56.0 | 1.4 | 233.4 | .23 | 1.6 | 224.4 | .31 |
| 15:20 | 23.0 | 995.00 | 55.0 | 1.4 | 211.4 | -.30 | 1.8 | 206.1 | -.35 |
| 15:25 | 23.0 | 995.00 | 55.0 | 3.7 | 197.7 | .08 | 3.5 | 200.5 | .02 |
| 15:30 | 22.7 | 995.00 | 55.0 | 2.6 | 241.7 | .14 | 3.0 | 247.2 | .04 |
| 15:35 | 22.7 | 995.00 | 55.0 | 1.9 | 208.2 | .37 | 2.2 | 213.5 | .38 |
| 15:40 | 22.5 | 994.00 | 55.0 | 1.4 | 233.9 | -.31 | 1.9 | 234.2 | -.44 |
| 15:45 | 22.5 | 994.00 | 55.0 | 2.6 | 222.3 | .02 | 3.1 | 222.7 | .01 |
| 15:50 | 22.3 | 995.00 | 54.0 | 2.6 | 241.4 | -.20 | 3.5 | 241.4 | -.29 |
| 15:55 | 22.3 | 995.00 | 54.0 | 2.8 | 214.8 | -.18 | 3.3 | 214.9 | -.13 |
| 16:00 | 22.2 | 995.00 | 54.0 | 2.6 | 221.2 | .08 | 2.9 | 219.3 | .19 |
| 16:05 | 22.2 | 995.00 | 54.0 | 1.2 | 231.9 | -.24 | 1.6 | 219.1 | -.40 |
| 16:10 | 22.2 | 995.00 | 54.0 | 2.4 | 213.1 | -.05 | 2.7 | 212.0 | -.03 |
| 16:15 | 22.2 | 995.00 | 54.0 | 2.6 | 216.9 | .40 | 2.8 | 212.3 | .47 |
| 16:20 | 22.2 | 995.00 | 55.0 | 2.8 | 194.1 | .09 | 2.9 | 195.8 | .12 |
| 16:25 | 22.2 | 995.00 | 55.0 | 2.4 | 195.9 | .37 | 2.2 | 193.6 | .44 |
| 16:30 | 22.2 | 994.00 | 54.0 | 2.3 | 210.1 | -.22 | 2.6 | 219.2 | -.11 |
| 16:35 | 22.2 | 994.00 | 54.0 | 1.9 | 219.1 | -.37 | 2.4 | 222.9 | -.58 |
| 16:40 | 22.2 | 994.00 | 54.0 | 2.6 | 217.3 | -.16 | 3.1 | 230.2 | -.20 |
| 16:45 | 22.2 | 994.00 | 54.0 | 2.6 | 218.9 | -.18 | 2.9 | 214.8 | -.28 |
| 16:50 | 22.3 | 994.00 | 54.0 | 1.9 | 220.2 | -.04 | 2.2 | 225.0 | -.14 |
| 16:55 | 22.3 | 994.00 | 54.0 | 1.7 | 200.8 | -.30 | 2.0 | 202.5 | -.41 |
| 17:00 | 22.2 | 994.00 | 54.0 | 2.2 | 218.6 | .09 | 2.6 | 226.6 | .03 |
| 17:05 | 22.2 | 994.00 | 54.0 | 2.5 | 213.7 | -.06 | 2.9 | 216.3 | -.05 |
| 17:10 | 22.2 | 994.00 | 54.0 | 3.9 | 204.6 | .18 | 4.3 | 205.4 | .23 |
| 17:15 | 22.2 | 994.00 | 54.0 | 3.3 | 205.6 | .07 | 3.4 | 202.4 | .17 |
| 17:20 | 22.2 | 994.00 | 52.0 | 2.4 | 191.5 | -.32 | 3.0 | 191.7 | -.36 |
| 17:25 | 22.2 | 994.00 | 52.0 | 3.9 | 184.5 | .02 | 4.2 | 186.5 | .08 |
| 17:30 | 22.2 | 994.00 | 54.0 | 3.0 | 192.2 | -.29 | 3.5 | 190.7 | -.37 |
| 17:35 | 22.2 | 994.00 | 54.0 | 3.4 | 205.0 | .05 | 3.7 | 205.2 | .12 |
| 17:40 | 22.1 | 994.00 | 53.0 | 3.3 | 198.7 | .05 | 3.4 | 197.6 | .06 |
| 17:45 | 22.1 | 994.00 | 53.0 | 3.0 | 203.3 | -.04 | 3.3 | 202.3 | .00 |
| 17:50 | 22.0 | 994.00 | 54.0 | 3.1 | 193.1 | .10 | 3.5 | 197.3 | .06 |
| 17:55 | 22.0 | 994.00 | 54.0 | 2.6 | 198.7 | .11 | 2.7 | 200.5 | .04 |
| 18:00 | 21.8 | 993.00 | 55.0 | 2.7 | 197.5 | .00 | 3.0 | 196.9 | -.03 |
| 18:05 | 21.8 | 993.00 | 55.0 | 2.3 | 197.3 | -.03 | 2.7 | 198.3 | -.05 |
| 18:10 | 21.6 | 993.00 | 56.0 | 2.3 | 193.4 | -.06 | 2.7 | 190.8 | -.05 |

| | 03_TempC_002m | 04_BP_002m | 05_RH_002m | 06_WS040m | 07_WD040m | 08_VWS040m | 09_WS060m | 10_WD060m | 11_VWS060m |
|-------|---------------|------------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time | DEGC | INHG | PERCENT | M/SEC | DEG | M/SEC | M/SEC | DEG | MPH |
| 18:15 | 21.6 | 993.00 | 56.0 | 2.1 | 192.6 | -.16 | 2.4 | 189.3 | -.17 |
| 18:20 | 21.4 | 993.00 | 62.0 | 2.1 | 190.4 | -.14 | 2.5 | 191.7 | -.13 |
| 18:25 | 21.4 | 993.00 | 62.0 | 2.5 | 190.8 | -.13 | 2.8 | 197.2 | -.11 |
| 18:30 | 21.1 | 993.00 | 66.0 | 2.4 | 192.8 | -.16 | 3.0 | 198.6 | -.14 |
| 18:35 | 21.1 | 993.00 | 66.0 | 2.3 | 195.8 | -.20 | 2.9 | 201.6 | -.18 |
| 18:40 | 20.7 | 993.00 | 70.0 | 1.7 | 188.7 | -.19 | 2.4 | 197.5 | -.19 |
| 18:45 | 20.7 | 993.00 | 70.0 | 1.6 | 191.4 | -.12 | 2.3 | 198.7 | -.12 |
| 18:50 | 20.4 | 993.00 | 74.0 | 1.4 | 191.4 | -.05 | 2.4 | 202.5 | -.09 |
| 18:55 | 20.4 | 993.00 | 74.0 | 1.1 | 174.7 | -.07 | 2.3 | 194.9 | -.08 |
| 19:00 | | | | | | | | | |
| 19:05 | 20.4 | 993.00 | 74.0 | .6 | 163.2 | -.05 | 1.9 | 178.7 | -.06 |
| 19:10 | 19.6 | 993.00 | 79.0 | .3 | 181.4 | -.01 | 1.6 | 165.7 | -.01 |
| 19:15 | 19.6 | 993.00 | 79.0 | .4 | 201.3 | -.06 | 1.7 | 167.2 | -.04 |
| 19:20 | 19.3 | 993.00 | 82.0 | 1.0 | 156.7 | -.02 | 2.0 | 171.6 | -.05 |
| 19:25 | 19.3 | 993.00 | 82.0 | .6 | 151.8 | -.06 | 1.5 | 169.0 | -.05 |
| 19:30 | 19.0 | 994.00 | 85.0 | .8 | 150.5 | -.08 | 1.4 | 167.1 | -.06 |
| 19:35 | 19.0 | 994.00 | 85.0 | .5 | 150.2 | -.06 | 1.2 | 162.2 | -.06 |
| 19:40 | 18.8 | 994.00 | 86.0 | .5 | 154.5 | .03 | 1.3 | 165.8 | .04 |
| 19:45 | 18.8 | 994.00 | 86.0 | .6 | 140.1 | .02 | 1.2 | 157.7 | .02 |
| 19:50 | 18.6 | 994.00 | 87.0 | .5 | 132.1 | -.04 | 1.2 | 152.0 | -.05 |
| 19:55 | 18.6 | 994.00 | 87.0 | .4 | 119.5 | -.04 | 1.1 | 150.0 | -.06 |
| 20:00 | 18.4 | 994.00 | 88.0 | .6 | 131.3 | -.04 | 1.0 | 144.6 | -.06 |
| 20:05 | 18.4 | 994.00 | 88.0 | .6 | 134.5 | -.01 | 1.1 | 145.6 | -.04 |
| 20:10 | 18.3 | 994.00 | 89.0 | .4 | 134.5 | -.03 | 1.0 | 146.0 | -.05 |
| 20:15 | 18.3 | 994.00 | 89.0 | .3 | 92.0 | -.03 | .8 | 143.6 | -.07 |
| 20:20 | 18.2 | 994.00 | 89.0 | .3 | 153.6 | -.04 | 1.0 | 152.9 | -.08 |
| 20:25 | 18.2 | 994.00 | 89.0 | .4 | 166.9 | -.05 | 1.1 | 161.2 | -.06 |
| 20:30 | 18.1 | 994.00 | 90.0 | .3 | 177.1 | -.06 | 1.1 | 163.7 | -.13 |
| 20:35 | 18.1 | 994.00 | 90.0 | .5 | 168.0 | -.11 | 1.1 | 162.7 | -.12 |
| 20:40 | 18.0 | 994.00 | 92.0 | .4 | 130.0 | -.04 | 1.0 | 155.1 | -.06 |
| 20:45 | 18.0 | 994.00 | 92.0 | .6 | 118.5 | -.02 | 1.1 | 143.2 | -.06 |
| 20:50 | 17.9 | 994.00 | 92.0 | .5 | 82.0 | -.02 | .9 | 128.6 | -.02 |
| 20:55 | 17.9 | 994.00 | 92.0 | .6 | 13.4 | .02 | .5 | 81.0 | .00 |
| 21:00 | 17.8 | 994.00 | 93.0 | .9 | 10.4 | -.01 | .5 | 21.5 | -.02 |
| 21:05 | 17.8 | 994.00 | 93.0 | .9 | 30.4 | -.01 | .5 | 53.7 | -.02 |
| 21:10 | 17.6 | 994.00 | 93.0 | .8 | 35.9 | .00 | .5 | 70.0 | -.05 |
| 21:15 | 17.6 | 994.00 | 93.0 | .6 | 32.0 | -.04 | .6 | 49.7 | -.04 |
| 21:20 | 17.1 | 994.00 | 94.0 | .6 | 24.4 | .03 | .7 | 45.5 | .08 |
| 21:25 | 17.1 | 994.00 | 94.0 | .6 | 7.4 | -.01 | .6 | 39.7 | -.01 |
| 21:30 | 16.7 | 994.00 | 94.0 | .4 | 10.2 | .03 | .6 | 39.1 | .01 |
| 21:35 | 16.7 | 994.00 | 94.0 | .3 | .3 | .01 | .5 | 28.3 | -.03 |
| 21:40 | 16.4 | 994.00 | 94.0 | .1 | 335.2 | .00 | .4 | 37.9 | -.03 |
| 21:45 | 16.4 | 994.00 | 94.0 | .6 | 193.5 | .01 | .3 | 131.9 | .01 |
| 21:50 | 16.2 | 994.00 | 94.0 | .7 | 208.2 | .05 | .1 | 214.9 | -.01 |
| 21:55 | 16.2 | 994.00 | 94.0 | .5 | 236.4 | -.04 | .3 | 304.9 | -.02 |
| 22:00 | 16.1 | 994.00 | 94.0 | .7 | 186.6 | .03 | .2 | 182.8 | -.02 |
| 22:05 | 16.1 | 994.00 | 94.0 | 1.0 | 167.6 | -.01 | .6 | 163.3 | -.01 |
| 22:10 | 16.0 | 994.00 | 94.0 | .7 | 139.6 | .01 | .3 | 149.5 | .01 |
| 22:15 | 16.0 | 994.00 | 94.0 | .7 | 157.4 | -.01 | .3 | 165.9 | -.03 |
| 22:20 | 15.9 | 994.00 | 94.0 | .6 | 181.5 | .05 | .6 | 180.3 | -.01 |
| 22:25 | 15.9 | 994.00 | 94.0 | .6 | 179.6 | .00 | .5 | 189.1 | .00 |
| 22:30 | 15.7 | 994.00 | 94.0 | .5 | 181.1 | -.05 | .3 | 230.5 | -.03 |
| 22:35 | 15.7 | 994.00 | 94.0 | .4 | 173.1 | -.04 | .1 | 218.8 | .00 |
| 22:40 | 15.7 | 994.00 | 94.0 | .4 | 179.7 | .00 | .2 | 220.0 | .01 |
| 22:45 | 15.7 | 994.00 | 94.0 | .5 | 177.7 | .02 | .2 | 209.3 | -.06 |
| 22:50 | 15.6 | 994.00 | 94.0 | .6 | 167.2 | .01 | .3 | 179.1 | -.01 |

Daily Summary Report

Site: Lidar "Q" (PAM35)

10/20/2021

Interval: 005m

| | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_WS120m | 18_WD120m | 19_WS140m | 20_WD140m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | MPH | M/SEC | DEG | M/SEC | DEGC | M/SEC | DEGC |
| 00:00 | .6 | 13.4 | -.02 | .5 | 71.3 | .4 | 97.5 | .3 | 255.9 |
| 00:05 | .5 | 11.7 | .28 | .4 | 18.2 | .3 | 71.1 | .3 | 252.7 |
| 00:10 | .6 | 3.3 | | .4 | 23.7 | .3 | 77.8 | .4 | 258.1 |
| 00:15 | .4 | 306.3 | .75 | .3 | 331.8 | .3 | 198.4 | .7 | 237.0 |
| 00:20 | .3 | 316.2 | | .2 | 335.7 | .3 | 184.7 | .7 | 239.7 |
| 00:25 | .2 | 267.6 | | .2 | 120.2 | .4 | 186.1 | .9 | 229.6 |
| 00:30 | .2 | 246.9 | .03 | .1 | 253.8 | .4 | 189.9 | .7 | 223.4 |
| 00:35 | .5 | 323.0 | .01 | .3 | 302.9 | .3 | 241.1 | .7 | 244.7 |
| 00:40 | .6 | 354.6 | .31 | .5 | 318.5 | .3 | 263.7 | .8 | 254.3 |
| 00:45 | .4 | 28.4 | .40 | .5 | 8.4 | .3 | 353.6 | .8 | 267.2 |
| 00:50 | .6 | 23.9 | .38 | .7 | 28.3 | .4 | 40.8 | .6 | 283.6 |
| 00:55 | .7 | 32.5 | .44 | .6 | 56.6 | .5 | 94.7 | .4 | 206.2 |
| 01:00 | .5 | 26.5 | .52 | .6 | 85.8 | .6 | 140.6 | .8 | 188.5 |
| 01:05 | 1.1 | 287.4 | | | | | | | |
| 01:10 | | | | | | | | | |
| 01:15 | | | | | | | | | |
| 01:20 | | | | | | | | | |
| 01:25 | | | | | | | | | |
| 01:30 | | | | | | | | | |
| 01:35 | | | | | | | | | |
| 01:40 | .4 | 268.3 | .34 | | | | | | |
| 01:45 | .3 | 285.1 | .16 | | | | | | |
| 01:50 | .4 | 198.6 | .27 | 2.0 | 11.7 | | | | |
| 01:55 | .5 | 253.9 | .26 | .9 | 340.7 | | | | |
| 02:00 | .7 | 275.1 | .31 | | | | | | |
| 02:05 | .6 | 259.2 | 1.53 | | | | | | |
| 02:10 | .7 | 248.1 | | | | | | | |
| 02:15 | .4 | 274.0 | | | | | | | |
| 02:20 | .3 | 219.5 | | | | | | | |
| 02:25 | .5 | 218.5 | | | | | | | |
| 02:30 | .2 | 349.2 | | | | | | | |
| 02:35 | .4 | 28.4 | .42 | 1.0 | 43.3 | | | | |
| 02:40 | .9 | 22.1 | -.05 | 1.3 | 42.6 | | | | |
| 02:45 | .9 | 44.5 | -.45 | | | | | | |
| 02:50 | .8 | 35.2 | | | | | | | |
| 02:55 | .8 | 56.4 | | | | | | | |
| 03:00 | .7 | 101.1 | .07 | .9 | 114.4 | | | | |
| 03:05 | .6 | 109.3 | -.02 | .8 | 118.9 | | | | |
| 03:10 | .5 | 100.8 | .06 | .7 | 115.7 | .8 | 119.6 | | |
| 03:15 | .5 | 66.4 | .12 | .8 | 88.6 | .8 | 99.2 | | |
| 03:20 | .5 | 66.8 | | 1.1 | 84.8 | | | | |
| 03:25 | .9 | 8.8 | | | | | | | |
| 03:30 | 1.0 | 11.0 | .16 | .8 | 30.2 | | | | |
| 03:35 | 1.1 | 20.9 | .01 | 1.2 | 18.2 | | | | |
| 03:40 | 1.2 | 28.1 | .00 | 1.0 | 15.1 | | | | |
| 03:45 | .9 | 12.4 | .12 | 1.0 | 12.9 | | | | |
| 03:50 | 1.0 | 19.9 | .28 | 1.1 | 18.6 | | | | |
| 03:55 | .8 | 32.4 | .26 | 1.1 | 52.4 | | | | |
| 04:00 | .8 | 18.4 | .21 | 1.1 | 34.8 | | | | |
| 04:05 | .6 | 22.9 | .05 | .9 | 52.5 | | | | |
| 04:10 | .6 | 32.8 | .12 | 1.1 | 43.5 | | | | |

| | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_WS120m | 18_WD120m | 19_WS140m | 20_WD140m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | MPH | M/SEC | DEG | M/SEC | DEGC | M/SEC | DEGC |
| 04:15 | .5 | 23.6 | .08 | 1.4 | 61.9 | | | | |
| 04:20 | .8 | 30.4 | .26 | 1.7 | 45.1 | | | | |
| 04:25 | .6 | 47.5 | .31 | 1.1 | 52.6 | | | | |
| 04:30 | .4 | 61.5 | -.01 | .8 | 44.8 | | | | |
| 04:35 | .4 | 57.6 | .14 | .8 | 54.5 | 1.4 | 85.3 | | |
| 04:40 | .7 | 43.4 | .15 | .9 | 80.4 | 1.4 | 79.1 | | |
| 04:45 | .6 | 13.6 | .18 | 1.0 | 58.0 | 1.4 | 69.8 | | |
| 04:50 | .6 | 345.7 | .18 | .7 | 49.4 | 1.1 | 70.1 | | |
| 04:55 | .9 | 3.9 | .24 | .7 | 16.4 | | | | |
| 05:00 | .8 | 29.4 | .11 | .8 | 29.4 | | | | |
| 05:05 | 1.0 | 54.0 | .02 | 1.0 | 52.7 | | | | |
| 05:10 | .6 | 69.9 | .19 | .9 | 52.9 | | | | |
| 05:15 | .6 | 40.9 | .27 | .9 | 54.9 | | | | |
| 05:20 | .6 | 95.3 | .13 | | | | | | |
| 05:25 | .5 | 52.9 | .21 | 1.3 | 51.6 | | | | |
| 05:30 | .6 | 52.3 | -.02 | 1.1 | 54.7 | | | | |
| 05:35 | .7 | 94.6 | .16 | .9 | 81.6 | | | | |
| 05:40 | .4 | 45.8 | .18 | .6 | 50.4 | | | | |
| 05:45 | .9 | 55.6 | .08 | .9 | 65.1 | | | | |
| 05:50 | 1.2 | 62.5 | .26 | | | | | | |
| 05:55 | .9 | 45.7 | .18 | | | | | | |
| 06:00 | .9 | 64.8 | .01 | 1.6 | 53.0 | | | | |
| 06:05 | .9 | 47.1 | .24 | 1.6 | 47.1 | | | | |
| 06:10 | .4 | 30.9 | .14 | 1.3 | 41.6 | | | | |
| 06:15 | .8 | 21.4 | -.04 | 1.1 | 33.6 | | | | |
| 06:20 | .6 | 49.1 | -.01 | .9 | 68.4 | | | | |
| 06:25 | 1.0 | 38.0 | .11 | 1.1 | 41.1 | | | | |
| 06:30 | .9 | 17.5 | .15 | 1.1 | 36.8 | | | | |
| 06:35 | 1.2 | 51.0 | .17 | 1.8 | 53.3 | | | | |
| 06:40 | 1.0 | 36.8 | -.05 | 1.5 | 42.9 | | | | |
| 06:45 | 1.1 | 45.9 | -.05 | 1.4 | 38.5 | | | | |
| 06:50 | 1.0 | 20.0 | -.05 | 1.1 | 41.1 | | | | |
| 06:55 | .8 | 49.2 | .39 | 1.5 | 56.8 | | | | |
| 07:00 | .4 | 50.4 | .18 | 1.1 | 70.9 | | | | |
| 07:05 | .4 | 63.4 | .14 | 1.2 | 80.3 | | | | |
| 07:10 | .8 | 84.8 | .08 | 1.4 | 73.6 | | | | |
| 07:15 | .7 | 45.2 | .09 | 1.1 | 60.4 | | | | |
| 07:20 | .8 | 22.3 | .09 | .9 | 53.3 | | | | |
| 07:25 | .9 | 45.1 | .11 | 1.2 | 52.6 | | | | |
| 07:30 | .9 | 46.2 | .30 | 1.3 | 49.2 | | | | |
| 07:35 | .9 | 27.1 | .23 | 1.1 | 46.4 | | | | |
| 07:40 | .7 | 33.0 | .06 | 1.0 | 44.9 | | | | |
| 07:45 | .7 | 32.6 | -.05 | .9 | 39.2 | | | | |
| 07:50 | .6 | 36.3 | .12 | 1.0 | 46.7 | | | | |
| 07:55 | .8 | 61.0 | .29 | .9 | 79.7 | | | | |
| 08:00 | .2 | 163.6 | .03 | .6 | 78.8 | | | | |
| 08:05 | .4 | 43.8 | -.10 | .5 | 55.3 | | | | |
| 08:10 | .7 | 34.8 | -.04 | .8 | 64.9 | | | | |
| 08:15 | .5 | 61.3 | -.02 | .4 | 65.5 | | | | |
| 08:20 | .5 | 84.8 | -.05 | .5 | 84.1 | | | | |
| 08:25 | .3 | 40.9 | -.25 | .3 | 74.7 | | | | |
| 08:30 | .4 | 83.7 | .15 | .4 | 210.0 | | | | |
| 08:35 | .2 | 274.5 | .34 | .6 | 203.4 | | | | |
| 08:40 | .4 | 196.6 | .20 | | | | | | |
| 08:45 | .7 | 211.1 | .18 | 1.0 | 197.1 | | | | |
| 08:50 | .5 | 178.6 | .14 | .6 | 180.7 | | | | |

| | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_WS120m | 18_WD120m | 19_WS140m | 20_WD140m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | MPH | M/SEC | DEG | M/SEC | DEGC | M/SEC | DEGC |
| 08:55 | .6 | 243.0 | .21 | .6 | 188.6 | | | | |
| 09:00 | .4 | 111.3 | .04 | .6 | 143.2 | | | | |
| 09:05 | .4 | 50.4 | .27 | .8 | 85.2 | | | | |
| 09:10 | .7 | 43.5 | .02 | .9 | 56.9 | | | | |
| 09:15 | .5 | 70.8 | .12 | | | | | | |
| 09:20 | .5 | 172.9 | .30 | .5 | 137.0 | | | | |
| 09:25 | .4 | 125.7 | .07 | .5 | 133.8 | | | | |
| 09:30 | .6 | 150.0 | .02 | .7 | 129.0 | | | | |
| 09:35 | .5 | 78.0 | .04 | .6 | 103.7 | | | | |
| 09:40 | .8 | 98.5 | .20 | .8 | 100.0 | | | | |
| 09:45 | .6 | 49.1 | .21 | .8 | 76.8 | | | | |
| 09:50 | .8 | 62.7 | .08 | .8 | 96.8 | | | | |
| 09:55 | .5 | 71.8 | .15 | .5 | 128.9 | | | | |
| 10:00 | .4 | 141.8 | .26 | .9 | 139.6 | | | | |
| 10:05 | .4 | 195.4 | .25 | .7 | 150.7 | | | | |
| 10:10 | .3 | 143.6 | .36 | .7 | 116.4 | | | | |
| 10:15 | .4 | 166.9 | .33 | .8 | 128.9 | | | | |
| 10:20 | .4 | 147.6 | .05 | .6 | 148.4 | .8 | 75.9 | | |
| 10:25 | .4 | 95.2 | -.09 | .6 | 107.0 | 1.0 | 132.4 | .8 | 136.3 |
| 10:30 | .9 | 165.0 | -.04 | .5 | 71.2 | .9 | 128.0 | .8 | 123.0 |
| 10:35 | .6 | 296.0 | .09 | .7 | 88.3 | .9 | 108.7 | .8 | 118.9 |
| 10:40 | .7 | 233.7 | -.16 | .5 | 97.4 | .7 | 106.3 | .7 | 113.6 |
| 10:45 | .4 | 111.3 | .24 | .7 | 102.8 | .8 | 101.8 | .7 | 110.9 |
| 10:50 | .3 | 51.4 | -.01 | .7 | 80.5 | .8 | 102.4 | .7 | 106.5 |
| 10:55 | .7 | 60.3 | -.03 | .9 | 90.6 | 1.2 | 112.2 | 1.3 | 129.9 |
| 11:00 | .5 | 58.3 | .02 | .5 | 82.3 | 1.0 | 107.3 | 1.5 | 124.3 |
| 11:05 | .3 | 50.7 | .05 | .3 | 112.9 | .8 | 115.0 | 1.5 | 123.5 |
| 11:10 | .5 | 75.8 | .15 | .7 | 107.6 | 1.0 | 129.0 | 1.5 | 132.8 |
| 11:15 | .7 | 59.3 | .20 | .6 | 74.2 | .8 | 95.9 | 1.1 | 114.2 |
| 11:20 | .5 | 80.8 | .09 | .8 | 104.0 | 1.0 | 117.1 | 1.5 | 123.5 |
| 11:25 | .5 | 14.2 | .11 | .5 | 30.8 | .5 | 105.0 | 1.0 | 133.5 |
| 11:30 | .9 | 13.9 | .22 | .6 | 40.9 | .5 | 120.6 | .9 | 149.0 |
| 11:35 | .8 | 36.6 | .30 | 1.4 | 30.5 | 1.6 | 34.9 | 1.7 | 44.5 |
| 11:40 | 1.2 | 11.1 | -.11 | 1.5 | 356.5 | 1.5 | .9 | 1.1 | 1.8 |
| 11:45 | 1.3 | 343.2 | -.43 | 1.5 | 346.3 | 1.6 | 343.6 | 1.5 | 336.6 |
| 11:50 | 2.0 | 299.4 | -.43 | 2.1 | 293.1 | 2.1 | 289.0 | 2.1 | 279.3 |
| 11:55 | .8 | 284.4 | .18 | 1.0 | 292.6 | 1.0 | 279.8 | 1.0 | 255.7 |
| 12:00 | 1.2 | 43.6 | -.75 | 1.1 | 51.8 | .9 | 65.7 | .9 | 24.0 |
| 12:05 | 1.5 | 46.6 | -.02 | 1.7 | 37.2 | 2.0 | 36.3 | 2.0 | 33.8 |
| 12:10 | .7 | 72.7 | -.64 | .9 | 32.2 | .9 | 64.4 | .9 | 141.5 |
| 12:15 | 1.3 | 165.6 | -.88 | 1.4 | 149.7 | 1.3 | 137.8 | 1.4 | 145.3 |
| 12:20 | 1.9 | 162.1 | -.18 | 1.8 | 171.4 | 1.5 | 185.4 | 1.3 | 203.5 |
| 12:25 | 1.8 | 168.8 | .21 | 2.0 | 154.2 | 2.0 | 142.8 | 2.0 | 138.6 |
| 12:30 | 1.0 | 191.5 | .78 | 1.1 | 201.1 | 1.1 | 204.9 | 1.0 | 197.1 |
| 12:35 | 1.0 | 187.7 | .45 | 1.0 | 180.9 | 1.1 | 167.8 | 1.2 | 164.1 |
| 12:40 | 1.5 | 212.3 | .34 | 1.6 | 206.6 | 1.9 | 212.0 | 1.8 | 209.5 |
| 12:45 | 1.5 | 214.6 | -.08 | 1.6 | 206.6 | 1.5 | 196.9 | 1.4 | 199.6 |
| 12:50 | 1.5 | 176.8 | .59 | 1.5 | 167.4 | 1.4 | 163.4 | 1.7 | 160.2 |
| 12:55 | 1.0 | 207.1 | -.64 | 1.5 | 197.3 | 2.0 | 200.8 | 2.1 | 201.3 |
| 13:00 | 1.9 | 202.5 | -.25 | 2.0 | 198.2 | 2.1 | 196.9 | 2.3 | 199.8 |
| 13:05 | 1.3 | 202.6 | -.52 | 1.5 | 207.8 | 1.5 | 215.3 | 1.6 | 216.8 |
| 13:10 | 1.4 | 197.9 | .31 | 1.4 | 198.6 | 1.3 | 199.4 | 1.3 | 204.1 |
| 13:15 | 1.9 | 139.0 | -.13 | 1.9 | 141.9 | 1.8 | 145.2 | 2.0 | 155.8 |
| 13:20 | 1.6 | 247.0 | -.29 | 1.6 | 247.3 | 1.6 | 249.5 | 1.6 | 239.4 |
| 13:25 | 1.2 | 235.7 | -.07 | 1.2 | 205.5 | 1.5 | 184.1 | 1.7 | 177.5 |
| 13:30 | 1.5 | 213.3 | -.03 | 1.4 | 203.5 | 1.3 | 188.4 | 1.5 | 191.8 |

| | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_WS120m | 18_WD120m | 19_WS140m | 20_WD140m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | MPH | M/SEC | DEG | M/SEC | DEGC | M/SEC | DEGC |
| 13:35 | 1.4 | 186.6 | .56 | 1.3 | 173.4 | 1.2 | 180.6 | 1.3 | 194.1 |
| 13:40 | 1.2 | 233.1 | .02 | 1.3 | 235.8 | 1.1 | 237.7 | 1.2 | 213.4 |
| 13:45 | 1.8 | 257.5 | .25 | 1.7 | 249.2 | 1.6 | 246.1 | 1.3 | 229.3 |
| 13:50 | 1.7 | 254.3 | .31 | 1.7 | 248.3 | 1.6 | 241.4 | 1.5 | 238.7 |
| 13:55 | 2.1 | 184.5 | -.53 | 2.3 | 192.1 | 2.5 | 190.7 | 2.5 | 192.7 |
| 14:00 | 2.3 | 208.7 | -.02 | 2.5 | 202.5 | 2.6 | 198.7 | 2.3 | 194.2 |
| 14:05 | 2.3 | 202.1 | -.17 | 2.4 | 202.3 | 2.4 | 204.5 | 2.2 | 207.6 |
| 14:10 | 2.9 | 233.8 | .21 | 2.9 | 236.8 | 2.9 | 237.8 | 2.7 | 236.9 |
| 14:15 | 2.1 | 239.0 | .21 | 2.3 | 239.0 | 2.3 | 240.0 | 2.3 | 242.9 |
| 14:20 | 2.4 | 241.3 | .05 | 2.3 | 240.7 | 2.2 | 238.9 | 2.3 | 232.3 |
| 14:25 | 2.2 | 231.3 | .44 | 2.2 | 227.1 | 2.2 | 223.8 | 2.1 | 223.5 |
| 14:30 | 2.1 | 222.3 | .66 | 2.1 | 229.0 | 2.0 | 227.1 | 1.8 | 228.0 |
| 14:35 | 2.2 | 218.5 | .40 | 2.2 | 216.3 | 2.2 | 221.6 | 2.2 | 230.6 |
| 14:40 | 2.3 | 201.0 | -.42 | 2.7 | 194.7 | 2.7 | 184.4 | 2.6 | 182.4 |
| 14:45 | 2.1 | 248.3 | .09 | 2.4 | 250.7 | 2.6 | 248.9 | 2.6 | 245.2 |
| 14:50 | 2.6 | 253.2 | -.39 | 2.8 | 248.5 | 2.8 | 249.5 | 2.7 | 246.8 |
| 14:55 | 2.5 | 235.2 | .01 | 2.4 | 235.8 | 2.4 | 238.7 | 2.5 | 241.6 |
| 15:00 | 2.1 | 232.0 | -.09 | 2.1 | 234.1 | 2.0 | 241.2 | 1.9 | 244.2 |
| 15:05 | 2.5 | 169.3 | -.51 | 2.4 | 168.6 | 2.4 | 170.4 | 2.3 | 176.1 |
| 15:10 | 2.8 | 240.4 | -.36 | 2.9 | 239.5 | 2.8 | 231.8 | 2.9 | 227.4 |
| 15:15 | 1.6 | 214.4 | .55 | 1.7 | 207.7 | 1.7 | 198.0 | 1.6 | 196.8 |
| 15:20 | 2.1 | 197.6 | -.33 | 2.4 | 197.1 | 2.9 | 200.7 | 3.2 | 196.6 |
| 15:25 | 3.2 | 204.1 | -.08 | 3.3 | 207.1 | 3.5 | 208.5 | 3.7 | 210.7 |
| 15:30 | 3.0 | 248.8 | -.04 | 3.0 | 242.5 | 2.9 | 230.1 | 3.0 | 224.4 |
| 15:35 | 2.1 | 216.1 | .55 | 2.0 | 215.5 | 2.0 | 212.3 | 1.9 | 209.5 |
| 15:40 | 2.5 | 236.5 | -.52 | 2.8 | 238.6 | 2.8 | 240.4 | 3.1 | 240.3 |
| 15:45 | 3.4 | 224.8 | -.01 | 3.4 | 224.6 | 3.3 | 223.9 | 3.4 | 225.1 |
| 15:50 | 3.8 | 242.1 | -.33 | 3.9 | 244.8 | 3.9 | 245.3 | 3.7 | 247.3 |
| 15:55 | 3.2 | 209.9 | -.13 | 3.3 | 203.7 | 3.4 | 200.9 | 3.5 | 198.3 |
| 16:00 | 2.8 | 214.2 | .39 | 2.9 | 207.1 | 2.9 | 206.0 | 2.9 | 203.8 |
| 16:05 | 1.7 | 226.3 | -.49 | 1.7 | 232.3 | 1.9 | 230.7 | 1.9 | 229.6 |
| 16:10 | 2.8 | 209.2 | .01 | 2.8 | 207.8 | 3.0 | 206.6 | 3.1 | 207.7 |
| 16:15 | 2.9 | 207.5 | .51 | 3.0 | 208.7 | 2.9 | 207.0 | 2.7 | 204.9 |
| 16:20 | 2.9 | 197.4 | .09 | 2.7 | 199.9 | 2.7 | 197.4 | 2.6 | 196.3 |
| 16:25 | 2.1 | 194.8 | .53 | 2.2 | 197.4 | 2.3 | 200.7 | 2.2 | 203.2 |
| 16:30 | 2.7 | 225.0 | -.02 | 2.7 | 226.0 | 2.7 | 227.3 | 2.8 | 231.6 |
| 16:35 | 2.5 | 231.7 | -.90 | 2.7 | 237.1 | 2.7 | 234.9 | 2.7 | 233.5 |
| 16:40 | 3.3 | 233.7 | -.18 | 3.3 | 231.6 | 3.3 | 230.0 | 3.3 | 228.3 |
| 16:45 | 3.1 | 210.2 | -.42 | 3.2 | 205.9 | 3.3 | 204.9 | 3.3 | 203.4 |
| 16:50 | 2.2 | 229.3 | -.18 | 2.3 | 233.0 | 2.4 | 234.2 | 2.5 | 235.5 |
| 16:55 | 2.3 | 204.2 | -.50 | 2.5 | 207.0 | 2.7 | 207.6 | 2.8 | 207.3 |
| 17:00 | 2.7 | 225.6 | -.04 | 2.7 | 225.4 | 2.8 | 225.3 | 2.9 | 224.7 |
| 17:05 | 3.1 | 213.7 | .09 | 3.3 | 213.8 | 3.5 | 215.1 | 3.5 | 213.5 |
| 17:10 | 4.3 | 205.5 | .28 | 4.2 | 204.5 | 4.2 | 205.0 | 4.3 | 204.6 |
| 17:15 | 3.2 | 202.8 | .18 | 3.2 | 202.6 | 3.4 | 205.1 | 3.6 | 205.4 |
| 17:20 | 3.2 | 190.5 | -.31 | 3.5 | 192.2 | 3.9 | 191.4 | 4.2 | 191.2 |
| 17:25 | 4.2 | 188.3 | .11 | 4.3 | 187.5 | 4.3 | 186.8 | 4.4 | 186.5 |
| 17:30 | 3.9 | 188.8 | -.42 | 4.3 | 187.9 | 4.4 | 188.2 | 4.5 | 188.9 |
| 17:35 | 4.1 | 202.0 | .22 | 4.5 | 202.8 | 4.6 | 201.6 | 4.8 | 199.8 |
| 17:40 | 3.5 | 196.3 | .11 | 3.7 | 195.8 | 3.9 | 196.5 | 3.9 | 197.4 |
| 17:45 | 3.6 | 201.7 | .03 | 3.8 | 202.2 | 4.0 | 202.7 | 4.1 | 203.2 |
| 17:50 | 3.5 | 198.2 | .05 | 3.7 | 198.8 | 3.9 | 199.9 | 4.0 | 201.8 |
| 17:55 | 2.9 | 201.5 | -.08 | 3.1 | 203.2 | 3.3 | 203.8 | 3.6 | 205.0 |
| 18:00 | 3.0 | 199.2 | -.06 | 3.1 | 200.7 | 3.2 | 200.1 | 3.5 | 199.3 |
| 18:05 | 3.0 | 198.3 | -.04 | 3.3 | 197.4 | 3.6 | 197.2 | 3.8 | 197.0 |
| 18:10 | 3.0 | 190.9 | -.10 | 3.1 | 190.9 | 3.3 | 190.1 | 3.4 | 191.5 |

| | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_WS120m | 18_WD120m | 19_WS140m | 20_WD140m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | MPH | M/SEC | DEG | M/SEC | DEGC | M/SEC | DEGC |
| 18:15 | 2.6 | 187.3 | -21 | 2.8 | 190.2 | 3.2 | 195.2 | 3.5 | 196.9 |
| 18:20 | 2.9 | 193.2 | -11 | 3.3 | 196.4 | 3.7 | 199.4 | 3.9 | 201.7 |
| 18:25 | 3.1 | 203.7 | -10 | 3.4 | 206.3 | 3.6 | 206.3 | 3.8 | 204.4 |
| 18:30 | 3.4 | 203.0 | -12 | 3.7 | 204.7 | 3.9 | 206.1 | 4.1 | 206.4 |
| 18:35 | 3.4 | 202.6 | -11 | 3.7 | 202.9 | 3.9 | 203.0 | 4.0 | 202.5 |
| 18:40 | 3.0 | 200.1 | -17 | 3.3 | 200.3 | 3.5 | 202.3 | 3.7 | 204.0 |
| 18:45 | 2.8 | 203.1 | -07 | 3.3 | 203.7 | 3.8 | 205.9 | 4.3 | 207.5 |
| 18:50 | 2.9 | 204.1 | -11 | 3.4 | 207.3 | 3.9 | 210.3 | 4.2 | 211.3 |
| 18:55 | 3.0 | 200.9 | -10 | 3.6 | 204.8 | 3.9 | 207.2 | 4.2 | 209.2 |
| 19:00 | | | | | | | | | |
| 19:05 | 3.1 | 195.8 | -08 | 3.8 | 201.5 | 4.2 | 204.6 | 4.5 | 207.6 |
| 19:10 | 2.8 | 189.1 | -01 | 3.9 | 198.9 | 4.4 | 201.8 | 4.6 | 203.8 |
| 19:15 | 2.8 | 189.0 | .00 | 4.0 | 200.3 | 4.5 | 202.6 | 4.7 | 203.9 |
| 19:20 | 3.0 | 197.2 | -08 | 3.8 | 203.0 | 4.1 | 203.5 | 4.4 | 204.4 |
| 19:25 | 2.4 | 196.7 | -06 | 3.2 | 200.2 | 3.7 | 200.3 | 4.0 | 201.4 |
| 19:30 | 1.9 | 194.8 | -04 | 2.8 | 198.7 | 3.5 | 200.2 | 4.0 | 201.9 |
| 19:35 | 1.6 | 193.4 | -05 | 2.3 | 197.0 | 3.3 | 197.4 | 4.0 | 199.7 |
| 19:40 | 1.4 | 196.2 | .04 | 2.1 | 197.9 | 3.4 | 196.9 | 4.2 | 199.5 |
| 19:45 | 1.3 | 194.8 | -03 | 2.1 | 197.3 | 3.4 | 195.1 | 4.2 | 198.2 |
| 19:50 | 1.1 | 197.8 | -06 | 1.9 | 199.9 | 3.3 | 195.9 | 4.5 | 200.1 |
| 19:55 | .9 | 192.2 | -05 | 1.6 | 197.5 | 3.0 | 194.1 | 4.3 | 199.0 |
| 20:00 | .8 | 183.6 | -03 | 1.5 | 193.6 | 3.0 | 194.0 | 4.3 | 198.7 |
| 20:05 | .8 | 184.0 | -04 | 1.7 | 194.3 | 3.3 | 195.2 | 4.5 | 200.0 |
| 20:10 | .8 | 187.4 | -04 | 1.5 | 195.7 | 3.1 | 194.3 | 4.2 | 198.8 |
| 20:15 | .9 | 181.6 | -05 | 1.6 | 192.9 | 3.0 | 193.4 | 4.1 | 198.0 |
| 20:20 | 1.2 | 179.5 | -07 | 1.8 | 190.7 | 3.2 | 193.7 | 4.4 | 198.6 |
| 20:25 | 1.3 | 184.5 | -05 | 2.1 | 196.6 | 3.5 | 196.2 | 4.5 | 199.2 |
| 20:30 | 1.2 | 189.6 | -09 | 2.1 | 201.5 | 3.6 | 199.3 | 4.5 | 202.4 |
| 20:35 | 1.2 | 187.9 | -09 | 2.0 | 204.2 | 3.4 | 201.0 | 4.4 | 204.3 |
| 20:40 | 1.0 | 194.8 | -04 | 2.1 | 204.6 | 3.4 | 203.1 | 4.4 | 204.7 |
| 20:45 | 1.1 | 185.3 | -03 | 2.2 | 200.6 | 3.3 | 203.4 | 4.2 | 204.0 |
| 20:50 | 1.0 | 187.3 | .00 | 2.3 | 201.1 | 3.2 | 203.0 | 4.1 | 204.2 |
| 20:55 | .8 | 181.3 | -05 | 2.1 | 200.7 | 3.0 | 202.2 | 3.9 | 204.7 |
| 21:00 | .6 | 167.9 | -01 | 1.7 | 197.0 | 2.6 | 199.7 | 3.5 | 201.1 |
| 21:05 | .6 | 176.4 | -01 | 1.7 | 196.7 | 2.6 | 198.0 | 3.6 | 199.1 |
| 21:10 | .8 | 188.5 | -02 | 2.0 | 196.9 | 3.1 | 197.3 | 3.8 | 199.7 |
| 21:15 | .5 | 180.5 | -05 | 1.7 | 198.4 | 3.0 | 199.0 | 3.9 | 200.9 |
| 21:20 | .3 | 170.1 | .04 | 1.5 | 199.8 | 2.9 | 199.1 | 3.8 | 200.2 |
| 21:25 | .2 | 210.2 | -04 | 1.3 | 210.3 | 2.7 | 203.6 | 3.8 | 203.2 |
| 21:30 | .1 | 350.8 | .00 | 1.4 | 207.6 | 2.9 | 201.8 | 3.9 | 202.8 |
| 21:35 | .2 | 308.3 | -05 | 1.5 | 212.5 | 3.1 | 204.8 | 4.0 | 206.1 |
| 21:40 | .2 | 335.9 | -04 | 1.3 | 214.4 | 2.7 | 207.0 | 3.8 | 207.0 |
| 21:45 | .1 | 253.1 | -03 | 1.2 | 209.3 | 2.6 | 207.7 | 3.6 | 206.1 |
| 21:50 | .2 | 263.4 | .03 | 1.2 | 211.7 | 2.5 | 209.7 | 3.6 | 206.4 |
| 21:55 | .6 | 272.6 | -05 | 1.3 | 228.3 | 2.7 | 218.7 | 3.8 | 213.1 |
| 22:00 | .5 | 241.1 | .00 | 1.0 | 220.7 | 2.3 | 221.7 | 3.4 | 215.3 |
| 22:05 | .3 | 197.7 | -02 | .8 | 198.7 | 1.9 | 218.3 | 2.8 | 213.4 |
| 22:10 | .3 | 318.7 | -03 | .7 | 209.4 | 1.8 | 217.8 | 2.8 | 210.8 |
| 22:15 | .3 | 311.0 | -04 | .7 | 219.5 | 1.7 | 224.4 | 2.6 | 214.4 |
| 22:20 | .3 | 271.5 | -02 | .7 | 233.7 | 1.9 | 230.6 | 2.7 | 219.3 |
| 22:25 | .5 | 271.8 | .00 | .7 | 246.2 | 1.8 | 237.5 | 2.6 | 226.9 |
| 22:30 | .6 | 283.3 | -01 | .9 | 255.7 | 2.1 | 247.0 | 2.7 | 233.3 |
| 22:35 | .4 | 292.5 | .01 | .8 | 257.3 | 2.2 | 244.3 | 2.8 | 233.4 |
| 22:40 | .2 | 318.2 | .00 | .8 | 250.6 | 2.1 | 238.1 | 2.9 | 224.7 |
| 22:45 | .2 | 319.8 | .02 | 1.0 | 251.0 | 2.3 | 239.4 | 2.8 | 224.7 |
| 22:50 | .2 | 332.6 | -01 | .9 | 240.7 | 2.2 | 229.5 | 2.7 | 219.2 |

| | 21_WS160m | 22_WD160m | 23_WS180m | 24_WD180m | 25_WS200m | 26_WD200m | 27_WS220m | 28_WD220m | 29_WS240m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEGC | M/SEC | DEGC | M/SEC | DEGC | M/SEC | DEGC | M/SEC |
| 08:55 | | | | | | | | | |
| 09:00 | | | | | | | | | |
| 09:05 | | | | | | | | | |
| 09:10 | | | | | | | | | |
| 09:15 | | | | | | | | | |
| 09:20 | | | | | | | | | |
| 09:25 | | | | | | | | | |
| 09:30 | | | | | | | | | |
| 09:35 | | | | | | | | | |
| 09:40 | | | | | | | | | |
| 09:45 | | | | | | | | | |
| 09:50 | | | | | | | | | |
| 09:55 | | | | | | | | | |
| 10:00 | | | | | | | | | |
| 10:05 | | | | | | | | | |
| 10:10 | | | | | | | | | |
| 10:15 | | | | | | | | | |
| 10:20 | | | | | | | | | |
| 10:25 | .9 | 149.5 | 1.2 | 169.7 | | | | | |
| 10:30 | .8 | 138.0 | 1.5 | 162.2 | 2.1 | 177.5 | 2.0 | 199.7 | |
| 10:35 | .9 | 138.4 | 1.6 | 160.0 | 2.3 | 180.8 | 1.7 | 209.7 | 1.2 |
| 10:40 | .9 | 136.8 | 1.6 | 162.0 | 2.3 | 186.2 | 1.8 | 205.9 | 1.2 |
| 10:45 | 1.1 | 130.0 | 1.7 | 159.9 | 2.2 | 183.9 | 1.6 | 207.9 | 1.0 |
| 10:50 | .9 | 122.2 | 1.4 | 156.4 | 1.8 | 186.5 | 1.2 | 217.9 | .8 |
| 10:55 | 1.3 | 140.9 | 1.9 | 157.2 | 1.9 | 177.7 | 1.2 | 210.4 | .6 |
| 11:00 | 1.8 | 138.5 | 2.2 | 154.3 | 1.9 | 170.4 | 1.1 | 195.3 | .5 |
| 11:05 | 2.1 | 133.9 | 2.4 | 150.1 | 1.8 | 166.6 | 1.0 | 193.4 | .7 |
| 11:10 | 1.9 | 139.4 | 2.0 | 155.1 | 1.3 | 170.0 | .7 | 186.9 | .5 |
| 11:15 | 1.5 | 124.1 | 1.7 | 135.7 | 1.1 | 143.1 | .5 | 150.0 | .4 |
| 11:20 | 1.8 | 130.6 | 1.8 | 141.3 | 1.4 | 157.8 | .7 | 164.9 | .5 |
| 11:25 | 1.4 | 131.7 | 1.3 | 134.1 | 1.1 | 135.6 | .7 | 140.5 | .4 |
| 11:30 | .9 | 170.1 | 1.0 | 175.9 | .9 | 165.1 | .6 | 146.1 | .6 |
| 11:35 | 1.5 | 52.1 | 1.1 | 70.0 | .7 | 107.3 | .7 | 129.1 | .6 |
| 11:40 | .8 | 357.0 | .7 | 304.0 | .9 | 235.0 | .9 | 222.4 | .6 |
| 11:45 | 1.3 | 326.6 | 1.1 | 320.8 | .9 | 308.3 | .8 | 277.4 | .7 |
| 11:50 | 2.1 | 272.3 | 2.0 | 271.2 | 1.9 | 272.4 | 1.7 | 268.3 | 1.3 |
| 11:55 | 1.2 | 247.1 | 1.3 | 237.6 | 1.2 | 236.7 | .9 | 222.7 | .9 |
| 12:00 | .9 | 300.1 | 1.1 | 267.5 | 1.1 | 247.7 | 1.0 | 239.4 | 1.1 |
| 12:05 | 1.5 | 29.3 | .8 | 359.1 | .7 | 328.2 | .7 | 287.1 | .7 |
| 12:10 | .9 | 165.3 | .9 | 215.2 | 1.0 | 226.3 | .7 | 217.0 | .8 |
| 12:15 | 1.2 | 139.3 | .9 | 191.4 | 1.0 | 230.6 | .9 | 217.1 | 1.0 |
| 12:20 | 1.3 | 208.7 | 1.2 | 209.7 | 1.0 | 230.0 | 1.2 | 238.3 | 1.4 |
| 12:25 | 1.6 | 148.8 | 1.2 | 162.2 | 1.1 | 161.9 | 1.2 | 172.0 | 1.4 |
| 12:30 | .9 | 186.5 | 1.0 | 175.8 | 1.1 | 177.7 | 1.3 | 177.4 | 1.7 |
| 12:35 | 1.1 | 163.0 | 1.0 | 166.2 | 1.1 | 176.6 | 1.3 | 183.2 | 1.7 |
| 12:40 | 1.7 | 203.3 | 1.8 | 203.8 | 1.8 | 202.9 | 1.9 | 198.3 | 2.0 |
| 12:45 | 1.7 | 198.2 | 1.9 | 195.9 | 2.0 | 198.1 | 2.1 | 198.1 | 2.4 |
| 12:50 | 1.9 | 157.9 | 2.1 | 158.2 | 2.3 | 157.7 | 2.4 | 157.7 | 2.5 |
| 12:55 | 2.3 | 202.7 | 2.3 | 204.3 | 2.3 | 202.1 | 2.4 | 197.2 | 2.3 |
| 13:00 | 2.1 | 190.7 | 1.9 | 185.1 | 1.8 | 181.2 | 1.5 | 180.7 | 1.7 |
| 13:05 | 1.8 | 211.9 | 1.8 | 211.5 | 1.8 | 201.6 | 1.8 | 186.1 | 2.0 |
| 13:10 | 1.3 | 200.4 | 1.3 | 189.4 | 1.4 | 180.6 | 1.7 | 183.4 | 2.4 |
| 13:15 | 2.2 | 158.3 | 2.3 | 164.5 | 2.3 | 176.1 | 2.5 | 181.4 | 2.7 |
| 13:20 | 1.6 | 238.7 | 1.6 | 242.7 | 1.4 | 237.1 | 1.4 | 223.9 | 1.6 |
| 13:25 | 1.9 | 179.0 | 1.9 | 188.5 | 1.9 | 195.3 | 2.0 | 196.1 | 2.0 |
| 13:30 | 1.5 | 201.5 | 1.8 | 197.6 | 1.9 | 199.7 | 2.1 | 204.5 | 2.1 |

| | 21_WS160m | 22_WD160m | 23_WS180m | 24_WD180m | 25_WS200m | 26_WD200m | 27_WS220m | 28_WD220m | 29_WS240m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEGC | M/SEC | DEGC | M/SEC | DEGC | M/SEC | DEGC | M/SEC |
| 13:35 | 1.5 | 200.0 | 1.4 | 201.1 | 1.5 | 200.0 | 1.7 | 197.7 | 2.0 |
| 13:40 | 1.5 | 204.6 | 1.8 | 192.6 | 2.1 | 194.5 | 2.2 | 189.6 | 2.3 |
| 13:45 | 1.1 | 213.5 | 1.3 | 193.8 | 1.7 | 192.9 | 2.0 | 190.6 | 2.1 |
| 13:50 | 1.5 | 238.7 | 1.4 | 237.8 | 1.3 | 231.8 | 1.6 | 235.6 | 1.6 |
| 13:55 | 2.5 | 189.8 | 2.4 | 185.1 | 2.4 | 178.3 | 2.6 | 177.1 | 2.9 |
| 14:00 | 1.9 | 185.9 | 2.3 | 181.3 | 2.6 | 180.7 | 2.8 | 178.0 | 2.9 |
| 14:05 | 2.3 | 205.6 | 2.4 | 205.8 | 2.5 | 201.1 | 2.6 | 201.0 | 2.5 |
| 14:10 | 2.6 | 237.8 | 2.4 | 239.2 | 2.4 | 240.3 | 2.3 | 234.2 | 2.4 |
| 14:15 | 2.2 | 246.5 | 2.2 | 247.3 | 2.2 | 248.8 | 2.2 | 249.3 | 2.3 |
| 14:20 | 2.4 | 226.0 | 2.6 | 223.2 | 2.8 | 223.8 | 2.8 | 223.7 | 2.9 |
| 14:25 | 2.2 | 220.5 | 2.4 | 221.3 | 2.7 | 224.7 | 2.9 | 228.3 | 3.0 |
| 14:30 | 1.7 | 230.5 | 1.7 | 229.9 | 1.9 | 225.7 | 1.9 | 229.7 | 1.8 |
| 14:35 | 2.3 | 235.4 | 2.4 | 237.7 | 2.5 | 237.8 | 2.4 | 237.6 | 2.6 |
| 14:40 | 2.5 | 185.6 | 2.4 | 185.7 | 2.2 | 182.3 | 2.2 | 179.1 | 2.2 |
| 14:45 | 2.5 | 242.2 | 2.6 | 238.7 | 2.6 | 237.8 | 2.6 | 236.1 | 2.5 |
| 14:50 | 2.5 | 243.1 | 2.4 | 241.2 | 2.4 | 241.2 | 2.5 | 242.2 | 2.6 |
| 14:55 | 2.4 | 245.8 | 2.4 | 246.9 | 2.3 | 250.5 | 2.4 | 251.8 | 2.4 |
| 15:00 | 1.9 | 245.5 | 1.9 | 240.4 | 2.1 | 241.1 | 2.2 | 245.6 | 2.3 |
| 15:05 | 2.4 | 183.5 | 2.5 | 197.2 | 2.8 | 202.4 | 3.0 | 207.5 | 3.3 |
| 15:10 | 2.9 | 227.7 | 3.0 | 227.7 | 3.0 | 228.3 | 3.1 | 226.4 | 3.3 |
| 15:15 | 1.6 | 198.1 | 1.7 | 201.6 | 1.7 | 198.8 | 1.7 | 199.2 | 1.7 |
| 15:20 | 3.3 | 192.1 | 3.4 | 188.2 | 3.4 | 184.3 | 3.3 | 182.1 | 3.1 |
| 15:25 | 3.8 | 212.1 | 3.9 | 213.2 | 4.0 | 213.1 | 3.9 | 212.3 | 4.0 |
| 15:30 | 3.0 | 219.9 | 2.8 | 218.2 | 2.6 | 217.6 | 2.8 | 217.2 | 2.7 |
| 15:35 | 1.9 | 206.0 | 2.0 | 205.4 | 2.2 | 206.1 | 2.5 | 203.6 | 2.7 |
| 15:40 | 3.3 | 241.8 | 3.5 | 244.2 | 3.6 | 243.7 | 3.5 | 247.3 | 3.7 |
| 15:45 | 3.4 | 228.4 | 3.4 | 230.5 | 3.4 | 233.0 | 3.2 | 231.7 | 3.0 |
| 15:50 | 3.4 | 246.1 | 3.4 | 243.2 | 3.1 | 243.2 | 3.0 | 245.9 | 2.8 |
| 15:55 | 3.5 | 198.9 | 3.5 | 197.4 | 3.4 | 196.3 | 3.3 | 197.1 | 3.0 |
| 16:00 | 2.9 | 205.4 | 3.0 | 206.1 | 3.0 | 207.5 | 3.2 | 206.6 | 3.2 |
| 16:05 | 1.7 | 228.1 | 1.7 | 225.4 | 1.7 | 219.3 | 1.8 | 211.5 | 1.8 |
| 16:10 | 3.0 | 211.2 | 2.9 | 214.1 | 2.8 | 214.5 | 2.9 | 216.8 | 3.0 |
| 16:15 | 2.7 | 204.9 | 2.8 | 205.2 | 2.8 | 202.0 | 2.8 | 199.4 | 2.6 |
| 16:20 | 2.5 | 193.8 | 2.6 | 196.9 | 2.5 | 200.4 | 2.3 | 205.0 | 2.0 |
| 16:25 | 2.2 | 206.0 | 2.4 | 203.5 | 2.3 | 202.3 | 2.1 | 203.3 | 2.0 |
| 16:30 | 2.7 | 231.8 | 2.6 | 228.8 | 2.5 | 230.6 | 2.6 | 231.4 | 2.7 |
| 16:35 | 2.6 | 226.2 | 2.5 | 220.8 | 2.5 | 220.4 | 2.5 | 222.3 | 2.4 |
| 16:40 | 3.2 | 223.0 | 3.2 | 220.3 | 3.1 | 218.1 | 3.1 | 214.8 | 3.2 |
| 16:45 | 3.3 | 202.0 | 3.4 | 200.5 | 3.5 | 200.5 | 3.4 | 200.3 | 3.3 |
| 16:50 | 2.7 | 234.7 | 2.9 | 231.7 | 3.1 | 231.7 | 3.3 | 234.1 | 3.5 |
| 16:55 | 2.9 | 207.5 | 3.0 | 205.7 | 3.0 | 204.6 | 3.0 | 203.1 | 3.1 |
| 17:00 | 2.9 | 226.0 | 3.1 | 227.1 | 3.2 | 227.9 | 3.3 | 228.7 | 3.5 |
| 17:05 | 3.6 | 211.8 | 3.7 | 211.5 | 3.9 | 212.2 | 3.9 | 212.5 | 3.9 |
| 17:10 | 4.4 | 203.3 | 4.4 | 202.1 | 4.4 | 201.4 | 4.4 | 201.1 | 4.4 |
| 17:15 | 3.7 | 205.7 | 3.8 | 205.5 | 3.9 | 205.3 | 3.9 | 205.0 | 3.9 |
| 17:20 | 4.3 | 191.3 | 4.3 | 191.6 | 4.4 | 191.0 | 4.3 | 190.3 | 4.4 |
| 17:25 | 4.3 | 186.7 | 4.2 | 186.6 | 4.1 | 187.6 | 4.1 | 187.6 | 4.1 |
| 17:30 | 4.5 | 190.4 | 4.5 | 191.9 | 4.4 | 192.6 | 4.6 | 191.1 | 4.7 |
| 17:35 | 4.9 | 198.5 | 4.9 | 198.7 | 5.0 | 198.6 | 5.0 | 198.5 | 4.9 |
| 17:40 | 3.9 | 197.5 | 3.9 | 198.4 | 3.9 | 200.2 | 4.0 | 201.2 | 4.1 |
| 17:45 | 4.2 | 203.2 | 4.4 | 202.3 | 4.5 | 201.8 | 4.6 | 203.2 | 4.7 |
| 17:50 | 4.0 | 202.6 | 4.1 | 201.8 | 4.2 | 201.9 | 4.2 | 202.6 | 4.2 |
| 17:55 | 3.8 | 204.7 | 3.9 | 205.7 | 3.9 | 205.6 | 3.8 | 205.4 | 3.8 |
| 18:00 | 3.7 | 198.5 | 3.8 | 197.0 | 3.9 | 195.4 | 4.0 | 193.7 | 4.2 |
| 18:05 | 3.9 | 195.6 | 4.0 | 194.3 | 4.1 | 193.4 | 4.2 | 192.1 | 4.3 |
| 18:10 | 3.5 | 191.7 | 3.7 | 192.3 | 3.9 | 191.1 | 4.0 | 190.4 | 4.2 |

| | 21_WS160m | 22_WD160m | 23_WS180m | 24_WD180m | 25_WS200m | 26_WD200m | 27_WS220m | 28_WD220m | 29_WS240m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEGC | M/SEC | DEGC | M/SEC | DEGC | M/SEC | DEGC | M/SEC |
| 18:15 | 3.7 | 197.6 | 3.9 | 197.9 | 4.0 | 196.9 | 4.2 | 196.8 | 4.3 |
| 18:20 | 4.1 | 202.4 | 4.3 | 203.0 | 4.5 | 203.7 | 4.5 | 205.8 | 4.6 |
| 18:25 | 4.0 | 204.0 | 4.3 | 204.0 | 4.5 | 203.7 | 4.6 | 205.2 | 4.8 |
| 18:30 | 4.3 | 206.2 | 4.5 | 206.0 | 4.7 | 206.6 | 4.7 | 206.8 | 4.8 |
| 18:35 | 4.1 | 203.2 | 4.2 | 203.1 | 4.3 | 204.3 | 4.4 | 203.8 | 4.4 |
| 18:40 | 4.1 | 205.8 | 4.4 | 205.3 | 4.6 | 205.2 | 4.7 | 205.4 | 4.8 |
| 18:45 | 4.5 | 208.5 | 4.6 | 209.0 | 4.7 | 210.2 | 4.8 | 210.2 | 4.8 |
| 18:50 | 4.3 | 211.1 | 4.3 | 211.2 | 4.3 | 211.3 | 4.4 | 211.9 | 4.5 |
| 18:55 | 4.4 | 209.2 | 4.4 | 208.9 | 4.5 | 207.7 | 4.6 | 207.2 | 4.7 |
| 19:00 | | | | | | | | | |
| 19:05 | 4.7 | 209.2 | 4.9 | 210.5 | 5.1 | 212.1 | 5.3 | 213.0 | 5.3 |
| 19:10 | 4.8 | 205.6 | 4.9 | 207.8 | 5.1 | 210.1 | 5.3 | 211.7 | 5.2 |
| 19:15 | 4.8 | 205.2 | 4.9 | 207.5 | 5.0 | 209.4 | 5.1 | 210.6 | 5.2 |
| 19:20 | 4.5 | 206.0 | 4.5 | 206.4 | 4.7 | 207.5 | 4.8 | 207.2 | 4.8 |
| 19:25 | 4.2 | 203.3 | 4.4 | 205.4 | 4.5 | 206.9 | 4.7 | 208.7 | 4.9 |
| 19:30 | 4.3 | 204.2 | 4.6 | 206.6 | 4.8 | 207.7 | 5.0 | 208.5 | 5.2 |
| 19:35 | 4.4 | 202.5 | 4.6 | 204.5 | 4.8 | 205.2 | 5.1 | 206.0 | 5.2 |
| 19:40 | 4.5 | 201.2 | 4.7 | 202.2 | 4.9 | 202.5 | 5.2 | 203.0 | 5.3 |
| 19:45 | 4.7 | 200.9 | 4.9 | 202.4 | 5.1 | 203.4 | 5.4 | 204.7 | 5.5 |
| 19:50 | 5.0 | 202.5 | 5.3 | 203.7 | 5.6 | 204.2 | 5.7 | 204.7 | 5.9 |
| 19:55 | 5.1 | 202.3 | 5.6 | 203.3 | 5.8 | 203.6 | 6.0 | 204.5 | 6.2 |
| 20:00 | 5.2 | 201.6 | 5.7 | 203.3 | 6.0 | 204.3 | 6.2 | 204.5 | 6.2 |
| 20:05 | 5.2 | 203.1 | 5.7 | 205.5 | 6.0 | 205.8 | 6.0 | 205.6 | 6.0 |
| 20:10 | 5.0 | 202.1 | 5.5 | 204.2 | 6.1 | 205.7 | 6.3 | 206.3 | 6.3 |
| 20:15 | 4.9 | 201.7 | 5.6 | 204.0 | 6.2 | 206.0 | 6.4 | 207.2 | 6.4 |
| 20:20 | 5.2 | 202.1 | 5.8 | 205.2 | 6.4 | 208.5 | 6.7 | 209.8 | 6.8 |
| 20:25 | 5.2 | 202.4 | 5.8 | 205.7 | 6.5 | 208.1 | 6.9 | 208.7 | 7.0 |
| 20:30 | 5.4 | 205.5 | 6.3 | 207.7 | 6.9 | 209.0 | 7.0 | 209.7 | 7.2 |
| 20:35 | 5.4 | 206.2 | 6.3 | 208.3 | 6.9 | 210.4 | 7.0 | 211.3 | 7.0 |
| 20:40 | 5.3 | 205.4 | 6.2 | 208.0 | 6.7 | 209.9 | 6.8 | 210.5 | 6.9 |
| 20:45 | 5.1 | 205.6 | 6.1 | 208.5 | 6.6 | 210.4 | 6.7 | 210.9 | 6.8 |
| 20:50 | 5.0 | 207.3 | 5.9 | 209.7 | 6.3 | 211.4 | 6.5 | 211.4 | 6.6 |
| 20:55 | 4.8 | 207.0 | 5.7 | 209.7 | 6.1 | 210.3 | 6.2 | 211.7 | 6.3 |
| 21:00 | 4.4 | 204.6 | 5.3 | 207.7 | 5.8 | 211.2 | 6.0 | 212.2 | 6.2 |
| 21:05 | 4.3 | 202.1 | 5.0 | 207.1 | 5.6 | 211.2 | 5.9 | 210.6 | 6.1 |
| 21:10 | 4.5 | 202.3 | 5.2 | 205.4 | 5.7 | 206.8 | 5.9 | 207.3 | 6.1 |
| 21:15 | 4.6 | 203.3 | 5.4 | 203.9 | 5.9 | 206.5 | 6.3 | 211.2 | 6.5 |
| 21:20 | 4.4 | 201.9 | 5.1 | 204.1 | 5.8 | 209.3 | 6.3 | 212.8 | 6.3 |
| 21:25 | 4.4 | 205.2 | 5.2 | 209.0 | 6.0 | 210.7 | 6.3 | 211.0 | 6.4 |
| 21:30 | 4.5 | 206.7 | 5.3 | 208.9 | 6.0 | 209.1 | 6.2 | 210.3 | 6.3 |
| 21:35 | 4.8 | 208.2 | 5.7 | 209.2 | 6.3 | 211.0 | 6.5 | 211.8 | 6.6 |
| 21:40 | 4.7 | 208.7 | 5.7 | 210.1 | 6.4 | 211.9 | 6.8 | 212.5 | 7.1 |
| 21:45 | 4.4 | 208.2 | 5.3 | 209.3 | 6.1 | 211.1 | 6.9 | 211.8 | 7.6 |
| 21:50 | 4.4 | 206.6 | 5.3 | 207.0 | 5.9 | 208.1 | 6.6 | 209.4 | 7.4 |
| 21:55 | 4.7 | 211.9 | 5.6 | 211.3 | 6.2 | 211.5 | 7.0 | 212.1 | 8.0 |
| 22:00 | 4.4 | 212.4 | 5.2 | 211.5 | 6.0 | 211.6 | 7.3 | 212.4 | 8.5 |
| 22:05 | 4.0 | 208.8 | 4.8 | 206.9 | 5.7 | 205.9 | 6.6 | 207.5 | 7.4 |
| 22:10 | 3.6 | 207.7 | 4.4 | 206.1 | 5.1 | 205.5 | 5.9 | 205.4 | 6.8 |
| 22:15 | 3.3 | 208.1 | 4.1 | 206.6 | 4.9 | 206.4 | 5.9 | 206.5 | 6.9 |
| 22:20 | 3.4 | 211.4 | 4.2 | 208.8 | 5.2 | 207.9 | 6.1 | 208.1 | 7.0 |
| 22:25 | 3.2 | 217.5 | 4.0 | 212.4 | 4.8 | 210.4 | 5.7 | 209.5 | 6.5 |
| 22:30 | 3.2 | 224.4 | 3.8 | 218.1 | 4.5 | 214.3 | 5.4 | 213.1 | 6.2 |
| 22:35 | 3.4 | 223.1 | 4.0 | 218.8 | 4.7 | 216.3 | 5.3 | 217.0 | 5.6 |
| 22:40 | 3.5 | 217.9 | 4.2 | 216.6 | 4.5 | 219.0 | 4.6 | 221.6 | 4.8 |
| 22:45 | 3.4 | 220.3 | 3.9 | 223.3 | 4.4 | 224.1 | 5.1 | 223.7 | 5.6 |
| 22:50 | 3.4 | 219.7 | 4.0 | 220.3 | 4.6 | 222.9 | 5.2 | 223.3 | 5.7 |

| | 30_WD240m | 31_WS260m | 32_WD260m | 33_WS280m | 34_WD280m | 35_WS300m | 36_WD300m | 37_WS320m | 38_WD320m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 08:55 | | | | | | | | | |
| 09:00 | | | | | | | | | |
| 09:05 | | | | | | | | | |
| 09:10 | | | | | | | | | |
| 09:15 | | | | | | | | | |
| 09:20 | | | | | | | | | |
| 09:25 | | | | | | | | | |
| 09:30 | | | | | | | | | |
| 09:35 | | | | | | | | | |
| 09:40 | | | | | | | | | |
| 09:45 | | | | | | | | | |
| 09:50 | | | | | | | | | |
| 09:55 | | | | | | | | | |
| 10:00 | | | | | | | | | |
| 10:05 | | | | | | | | | |
| 10:10 | | | | | | | | | |
| 10:15 | | | | | | | | | |
| 10:20 | | | | | | | | | |
| 10:25 | | | | | | | | | |
| 10:30 | | | | | | 1.9 | 220.7 | | |
| 10:35 | 205.7 | 1.0 | 214.1 | 1.4 | 224.8 | 2.3 | 227.2 | | |
| 10:40 | 225.3 | 1.1 | 226.0 | 1.6 | 225.2 | 2.5 | 231.2 | 3.2 | 230.9 |
| 10:45 | 220.0 | .9 | 226.7 | 1.4 | 222.5 | 2.5 | 228.3 | 3.2 | 227.7 |
| 10:50 | 233.8 | .8 | 228.4 | 1.8 | 228.4 | 2.6 | 231.2 | 3.1 | 225.9 |
| 10:55 | 224.2 | 1.0 | 232.0 | 1.9 | 230.1 | 2.6 | 233.6 | 2.9 | 223.9 |
| 11:00 | 197.4 | .9 | 223.8 | 1.8 | 228.6 | 2.4 | 230.5 | 2.8 | 222.9 |
| 11:05 | 199.3 | 1.2 | 211.7 | 1.9 | 222.2 | 2.5 | 231.1 | 2.9 | 224.7 |
| 11:10 | 207.3 | 1.0 | 213.7 | 1.8 | 224.2 | 2.3 | 229.6 | 2.8 | 216.8 |
| 11:15 | 261.6 | .5 | 217.5 | 1.2 | 222.9 | 2.0 | 229.8 | 2.4 | 216.4 |
| 11:20 | 165.2 | .6 | 188.3 | 1.2 | 217.9 | 2.0 | 225.1 | 2.4 | 214.0 |
| 11:25 | 154.7 | .6 | 219.6 | 1.4 | 229.2 | 2.1 | 231.2 | 2.9 | 215.8 |
| 11:30 | 202.5 | 1.1 | 222.1 | 1.7 | 233.0 | 2.3 | 229.6 | 2.8 | 215.9 |
| 11:35 | 209.9 | 1.1 | 231.4 | 1.6 | 232.5 | 2.2 | 226.4 | 2.7 | 203.7 |
| 11:40 | 217.8 | 1.0 | 225.5 | 1.6 | 227.4 | 2.3 | 220.9 | 2.9 | 204.1 |
| 11:45 | 233.2 | .9 | 212.5 | 1.4 | 212.4 | 2.1 | 219.4 | 2.5 | 204.6 |
| 11:50 | 247.3 | 1.2 | 226.8 | 1.7 | 225.9 | 2.3 | 224.2 | 2.7 | 212.6 |
| 11:55 | 219.3 | 1.2 | 223.6 | 1.7 | 224.8 | 2.2 | 212.8 | 2.9 | 199.9 |
| 12:00 | 245.8 | 1.3 | 236.0 | 1.5 | 221.0 | 2.0 | 210.7 | 2.6 | 212.2 |
| 12:05 | 265.0 | 1.0 | 231.3 | 1.5 | 207.9 | 2.1 | 196.7 | 1.6 | 190.8 |
| 12:10 | 195.9 | .9 | 195.4 | 1.3 | 196.9 | 1.8 | 189.2 | 2.6 | 191.7 |
| 12:15 | 207.3 | 1.1 | 205.5 | 1.4 | 198.7 | 1.8 | 201.3 | 2.4 | 181.9 |
| 12:20 | 245.6 | 1.7 | 236.4 | 2.0 | 233.7 | 1.9 | 229.1 | 2.3 | 222.8 |
| 12:25 | 186.7 | 1.5 | 186.5 | 1.8 | 194.5 | 2.3 | 192.3 | 2.1 | 196.0 |
| 12:30 | 183.3 | 1.9 | 186.5 | 2.1 | 176.5 | 2.4 | 174.7 | 2.2 | 179.5 |
| 12:35 | 183.9 | 2.0 | 181.5 | 2.1 | 178.6 | 2.3 | 177.2 | 2.6 | 184.6 |
| 12:40 | 197.2 | 2.2 | 192.8 | 2.4 | 190.1 | 2.7 | 187.6 | 2.9 | 188.3 |
| 12:45 | 194.4 | 2.6 | 192.8 | 2.7 | 193.9 | 2.7 | 191.5 | 2.7 | 198.4 |
| 12:50 | 159.4 | 2.8 | 158.7 | 2.9 | 156.7 | 3.3 | 161.1 | 2.9 | 167.3 |
| 12:55 | 190.5 | 2.2 | 182.0 | 2.5 | 179.4 | 3.1 | 164.9 | 3.3 | 184.3 |
| 13:00 | 180.3 | 1.8 | 184.4 | 2.2 | 182.5 | 2.7 | 184.8 | 2.9 | 187.6 |
| 13:05 | 180.5 | 2.2 | 178.3 | 2.5 | 178.4 | 3.1 | 180.0 | 3.3 | 179.0 |
| 13:10 | 183.0 | 3.1 | 185.1 | 3.4 | 187.9 | 3.8 | 186.3 | 3.9 | 187.2 |
| 13:15 | 186.2 | 2.8 | 188.3 | 2.8 | 191.3 | 2.9 | 190.3 | 3.2 | 192.2 |
| 13:20 | 210.9 | 2.1 | 200.9 | 2.5 | 197.0 | 2.8 | 192.5 | 3.3 | 195.8 |
| 13:25 | 200.1 | 2.2 | 198.5 | 2.6 | 200.8 | 3.1 | 199.6 | 3.1 | 191.5 |
| 13:30 | 208.0 | 2.2 | 206.4 | 2.2 | 200.8 | 2.6 | 203.7 | 2.7 | 203.2 |

| | 30_WD240m | 31_WS260m | 32_WD260m | 33_WS280m | 34_WD280m | 35_WS300m | 36_WD300m | 37_WS320m | 38_WD320m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 13:35 | 191.4 | 2.3 | 191.2 | 2.3 | 186.0 | 2.4 | 185.0 | 2.4 | 190.4 |
| 13:40 | 188.2 | 2.3 | 190.8 | 2.3 | 191.7 | 2.5 | 196.9 | 2.7 | 193.9 |
| 13:45 | 187.4 | 2.1 | 185.3 | 2.1 | 181.9 | 2.1 | 178.8 | 2.3 | 187.3 |
| 13:50 | 230.0 | 1.5 | 223.3 | 1.6 | 221.2 | 1.9 | 219.7 | 2.0 | 219.7 |
| 13:55 | 177.9 | 3.0 | 180.1 | 2.6 | 181.5 | 2.6 | 182.0 | 2.7 | 185.5 |
| 14:00 | 181.4 | 2.9 | 186.5 | 3.0 | 188.5 | 2.8 | 190.3 | 2.7 | 199.0 |
| 14:05 | 201.6 | 2.8 | 203.2 | 2.9 | 210.0 | 2.9 | 212.2 | 2.9 | 214.9 |
| 14:10 | 232.4 | 2.5 | 234.3 | 2.6 | 233.6 | 2.7 | 231.9 | 2.8 | 231.5 |
| 14:15 | 248.0 | 2.3 | 244.7 | 2.2 | 241.9 | 2.1 | 237.4 | 2.3 | 235.7 |
| 14:20 | 221.1 | 3.1 | 219.6 | 3.1 | 219.9 | 3.1 | 219.8 | 3.0 | 217.2 |
| 14:25 | 229.7 | 2.9 | 229.8 | 2.7 | 230.1 | 2.7 | 230.5 | 2.7 | 229.8 |
| 14:30 | 238.1 | 2.0 | 234.9 | 2.0 | 230.6 | 2.0 | 228.1 | 2.0 | 226.6 |
| 14:35 | 235.2 | 2.7 | 234.6 | 2.7 | 233.1 | 2.7 | 231.7 | 2.7 | 226.3 |
| 14:40 | 176.2 | 2.2 | 175.5 | 2.3 | 169.0 | 2.4 | 173.0 | 2.5 | 178.4 |
| 14:45 | 232.6 | 2.4 | 227.3 | 2.2 | 221.8 | 2.2 | 219.8 | 2.1 | 216.8 |
| 14:50 | 245.7 | 2.6 | 245.6 | 2.3 | 242.1 | 2.1 | 240.2 | 2.1 | 236.9 |
| 14:55 | 254.2 | 2.6 | 256.2 | 2.8 | 256.7 | 3.0 | 255.5 | 2.8 | 250.4 |
| 15:00 | 251.4 | 2.5 | 259.4 | 2.7 | 264.7 | 2.7 | 266.8 | 2.9 | 270.2 |
| 15:05 | 210.1 | 3.4 | 209.2 | 3.4 | 208.9 | 3.4 | 208.4 | 3.7 | 207.8 |
| 15:10 | 224.3 | 3.4 | 221.6 | 3.6 | 220.7 | 3.6 | 221.2 | 3.5 | 216.5 |
| 15:15 | 193.8 | 1.6 | 194.2 | 1.5 | 205.1 | 1.6 | 208.7 | 1.6 | 208.5 |
| 15:20 | 183.9 | 3.2 | 186.6 | 3.1 | 188.9 | 3.0 | 188.5 | 3.1 | 191.9 |
| 15:25 | 210.9 | 4.1 | 208.9 | 4.1 | 206.9 | 4.2 | 205.3 | 4.1 | 201.3 |
| 15:30 | 215.7 | 2.8 | 215.3 | 2.9 | 215.3 | 2.8 | 217.1 | 2.7 | 220.7 |
| 15:35 | 204.6 | 2.8 | 207.4 | 2.9 | 206.3 | 2.8 | 206.7 | 2.9 | 205.4 |
| 15:40 | 250.4 | 3.8 | 249.6 | 3.7 | 248.0 | 3.7 | 245.9 | 3.7 | 244.3 |
| 15:45 | 234.2 | 3.0 | 239.4 | 3.0 | 243.6 | 3.2 | 246.7 | 3.1 | 249.0 |
| 15:50 | 247.4 | 2.9 | 245.4 | 2.9 | 247.1 | 3.0 | 246.9 | 3.0 | 243.2 |
| 15:55 | 196.8 | 2.8 | 193.7 | 2.6 | 189.0 | 2.6 | 186.1 | 2.6 | 182.5 |
| 16:00 | 206.3 | 3.3 | 204.9 | 3.3 | 199.9 | 3.3 | 199.9 | 3.3 | 199.5 |
| 16:05 | 208.4 | 1.9 | 208.9 | 2.0 | 212.2 | 2.0 | 213.2 | 2.0 | 214.4 |
| 16:10 | 218.5 | 3.1 | 216.0 | 3.2 | 216.3 | 3.3 | 219.2 | 3.3 | 221.7 |
| 16:15 | 201.1 | 2.6 | 200.3 | 2.7 | 200.4 | 2.6 | 203.4 | 2.7 | 206.0 |
| 16:20 | 210.5 | 1.7 | 214.8 | 1.5 | 217.1 | 1.5 | 214.0 | 1.7 | 208.5 |
| 16:25 | 200.7 | 1.9 | 198.1 | 2.0 | 196.6 | 2.1 | 194.5 | 2.2 | 193.6 |
| 16:30 | 233.5 | 2.7 | 236.9 | 2.7 | 237.9 | 2.8 | 237.8 | 2.8 | 237.9 |
| 16:35 | 221.4 | 2.3 | 218.1 | 2.3 | 216.9 | 2.6 | 220.3 | 2.4 | 216.2 |
| 16:40 | 213.3 | 3.2 | 211.3 | 3.2 | 209.5 | 3.2 | 212.0 | 3.3 | 211.0 |
| 16:45 | 199.6 | 3.4 | 198.2 | 3.3 | 198.6 | 3.3 | 200.4 | 3.2 | 202.0 |
| 16:50 | 233.5 | 3.5 | 233.9 | 3.5 | 233.7 | 3.5 | 233.8 | 3.3 | 230.2 |
| 16:55 | 202.3 | 3.1 | 201.2 | 3.0 | 201.9 | 3.1 | 202.2 | 3.1 | 200.8 |
| 17:00 | 228.5 | 3.5 | 228.9 | 3.5 | 229.8 | 3.6 | 228.2 | 3.4 | 226.8 |
| 17:05 | 213.1 | 3.8 | 211.6 | 3.8 | 212.7 | 3.8 | 214.1 | 3.8 | 214.5 |
| 17:10 | 201.1 | 4.4 | 201.5 | 4.4 | 201.7 | 4.3 | 200.9 | 4.2 | 202.7 |
| 17:15 | 204.5 | 3.9 | 203.9 | 3.9 | 205.0 | 3.8 | 205.5 | 3.9 | 208.1 |
| 17:20 | 189.7 | 4.6 | 187.6 | 4.8 | 185.2 | 5.0 | 183.4 | 5.0 | 185.0 |
| 17:25 | 190.3 | 4.0 | 191.4 | 3.8 | 192.3 | 3.9 | 192.3 | 4.0 | 191.1 |
| 17:30 | 191.5 | 4.7 | 193.0 | 4.6 | 192.7 | 4.6 | 193.1 | 4.5 | 192.7 |
| 17:35 | 198.3 | 4.8 | 197.5 | 4.8 | 198.0 | 4.9 | 198.3 | 4.8 | 199.5 |
| 17:40 | 202.5 | 4.1 | 202.7 | 4.3 | 204.9 | 4.4 | 207.6 | 4.4 | 208.4 |
| 17:45 | 204.5 | 4.8 | 205.4 | 4.8 | 207.0 | 4.8 | 207.9 | 4.7 | 210.0 |
| 17:50 | 204.2 | 4.4 | 204.4 | 4.3 | 206.1 | 4.2 | 207.7 | 4.2 | 210.1 |
| 17:55 | 205.5 | 3.9 | 206.0 | 4.0 | 207.0 | 4.1 | 207.2 | 3.9 | 206.8 |
| 18:00 | 191.9 | 4.3 | 192.2 | 4.5 | 192.1 | 4.6 | 192.2 | 4.6 | 191.8 |
| 18:05 | 192.7 | 4.4 | 193.2 | 4.4 | 192.7 | 4.5 | 192.1 | 4.5 | 193.6 |
| 18:10 | 192.2 | 4.2 | 195.2 | 4.4 | 197.5 | 4.4 | 198.5 | 4.5 | 200.3 |

| | 30_WD240m | 31_WS260m | 32_WD260m | 33_WS280m | 34_WD280m | 35_WS300m | 36_WD300m | 37_WS320m | 38_WD320m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 18:15 | 196.8 | 4.4 | 196.6 | 4.4 | 198.7 | 4.5 | 199.7 | 4.5 | 201.5 |
| 18:20 | 206.8 | 4.6 | 206.3 | 4.7 | 206.3 | 4.7 | 206.8 | 4.7 | 207.3 |
| 18:25 | 205.5 | 4.8 | 206.8 | 4.9 | 207.0 | 5.0 | 207.2 | 5.1 | 206.7 |
| 18:30 | 206.4 | 4.9 | 206.7 | 4.9 | 206.2 | 4.9 | 206.3 | 5.0 | 206.7 |
| 18:35 | 204.5 | 4.5 | 205.1 | 4.6 | 205.9 | 4.6 | 206.7 | 4.6 | 207.0 |
| 18:40 | 206.3 | 4.9 | 206.6 | 5.0 | 206.5 | 5.1 | 206.8 | 5.1 | 207.5 |
| 18:45 | 210.7 | 4.8 | 210.7 | 4.9 | 211.5 | 4.9 | 210.5 | 4.9 | 210.8 |
| 18:50 | 212.3 | 4.6 | 212.2 | 4.6 | 213.2 | 4.7 | 214.1 | 4.8 | 214.6 |
| 18:55 | 207.4 | 4.8 | 207.2 | 4.8 | 207.4 | 4.8 | 206.8 | 4.9 | 208.5 |
| 19:00 | | | | | | | | | |
| 19:05 | 213.6 | 5.4 | 214.3 | 5.5 | 214.4 | 5.5 | 215.4 | 5.5 | 216.1 |
| 19:10 | 212.0 | 5.3 | 212.6 | 5.3 | 212.2 | 5.5 | 213.6 | 5.4 | 214.9 |
| 19:15 | 211.9 | 5.2 | 212.0 | 5.2 | 211.7 | 5.3 | 211.6 | 5.2 | 212.3 |
| 19:20 | 208.2 | 5.0 | 209.0 | 5.0 | 209.2 | 5.1 | 209.8 | 5.0 | 211.7 |
| 19:25 | 209.5 | 4.9 | 209.8 | 5.1 | 209.9 | 5.4 | 210.8 | 5.4 | 210.6 |
| 19:30 | 208.9 | 5.4 | 209.9 | 5.5 | 210.8 | 5.6 | 212.2 | 5.6 | 212.4 |
| 19:35 | 207.5 | 5.3 | 208.0 | 5.4 | 208.7 | 5.5 | 209.2 | 5.5 | 210.8 |
| 19:40 | 204.6 | 5.5 | 205.7 | 5.5 | 207.4 | 5.5 | 209.3 | 5.6 | 210.6 |
| 19:45 | 205.6 | 5.6 | 205.8 | 5.7 | 206.3 | 5.7 | 206.4 | 5.8 | 207.0 |
| 19:50 | 205.5 | 6.0 | 205.0 | 6.1 | 205.3 | 6.1 | 205.7 | 6.1 | 205.6 |
| 19:55 | 204.9 | 6.2 | 205.5 | 6.3 | 205.5 | 6.2 | 206.1 | 6.2 | 205.9 |
| 20:00 | 205.7 | 6.1 | 205.5 | 6.0 | 206.1 | 6.0 | 206.0 | 5.9 | 206.9 |
| 20:05 | 205.9 | 6.0 | 206.2 | 6.1 | 206.5 | 6.0 | 206.8 | 6.1 | 207.1 |
| 20:10 | 206.6 | 6.4 | 207.0 | 6.4 | 207.6 | 6.4 | 207.7 | 6.5 | 207.7 |
| 20:15 | 207.7 | 6.4 | 207.9 | 6.5 | 207.9 | 6.5 | 209.1 | 6.5 | 208.6 |
| 20:20 | 209.6 | 7.0 | 209.3 | 7.1 | 208.7 | 7.1 | 209.1 | 7.1 | 209.4 |
| 20:25 | 208.9 | 7.0 | 209.0 | 7.1 | 209.3 | 7.2 | 209.3 | 7.2 | 209.0 |
| 20:30 | 210.1 | 7.2 | 210.8 | 7.2 | 210.7 | 7.2 | 210.6 | 7.2 | 211.7 |
| 20:35 | 212.4 | 7.0 | 213.3 | 7.0 | 213.6 | 7.2 | 214.3 | 7.2 | 215.2 |
| 20:40 | 211.8 | 7.0 | 211.7 | 6.9 | 212.5 | 6.9 | 212.5 | 7.0 | 213.1 |
| 20:45 | 211.2 | 6.8 | 211.1 | 6.9 | 210.9 | 6.9 | 211.0 | 7.0 | 212.3 |
| 20:50 | 211.4 | 6.6 | 212.1 | 6.7 | 213.2 | 6.7 | 214.0 | 6.9 | 214.4 |
| 20:55 | 212.6 | 6.4 | 213.9 | 6.7 | 214.0 | 6.8 | 213.7 | 7.0 | 212.9 |
| 21:00 | 213.1 | 6.4 | 212.5 | 6.5 | 211.4 | 6.7 | 210.7 | 6.9 | 212.6 |
| 21:05 | 209.8 | 6.3 | 210.7 | 6.5 | 212.5 | 6.6 | 213.8 | 6.7 | 215.8 |
| 21:10 | 209.3 | 6.4 | 212.1 | 6.6 | 214.2 | 6.7 | 215.7 | 6.7 | 216.6 |
| 21:15 | 213.6 | 6.6 | 214.3 | 6.7 | 215.2 | 6.8 | 216.1 | 6.8 | 216.5 |
| 21:20 | 213.8 | 6.4 | 214.0 | 6.5 | 214.4 | 6.6 | 214.7 | 6.6 | 216.0 |
| 21:25 | 211.5 | 6.5 | 213.0 | 6.6 | 213.5 | 6.7 | 214.9 | 6.8 | 215.6 |
| 21:30 | 210.8 | 6.4 | 212.2 | 6.6 | 213.9 | 6.7 | 214.2 | 6.9 | 215.1 |
| 21:35 | 212.3 | 6.8 | 213.3 | 7.1 | 214.2 | 7.3 | 215.8 | 7.5 | 216.1 |
| 21:40 | 213.6 | 7.4 | 214.4 | 7.7 | 216.0 | 7.9 | 216.2 | 8.0 | 216.6 |
| 21:45 | 213.1 | 8.0 | 214.1 | 8.1 | 215.1 | 8.2 | 216.0 | 8.3 | 216.9 |
| 21:50 | 210.4 | 8.0 | 211.7 | 8.3 | 212.6 | 8.4 | 213.3 | 8.4 | 214.8 |
| 21:55 | 212.9 | 8.6 | 214.2 | 8.8 | 214.3 | 8.8 | 214.7 | 8.8 | 215.3 |
| 22:00 | 213.7 | 8.9 | 214.5 | 9.0 | 214.5 | 9.1 | 214.5 | 9.2 | 215.1 |
| 22:05 | 209.5 | 8.2 | 211.5 | 8.7 | 213.4 | 9.0 | 213.9 | 9.2 | 215.8 |
| 22:10 | 206.0 | 7.6 | 206.5 | 8.2 | 208.4 | 8.5 | 212.6 | 8.9 | 216.0 |
| 22:15 | 206.5 | 7.6 | 205.4 | 8.2 | 206.1 | 8.4 | 208.4 | 8.6 | 211.2 |
| 22:20 | 208.7 | 8.0 | 207.1 | 8.5 | 207.3 | 8.6 | 209.2 | 8.7 | 210.1 |
| 22:25 | 209.9 | 7.3 | 209.6 | 8.1 | 208.6 | 8.6 | 209.6 | 8.8 | 210.2 |
| 22:30 | 212.5 | 6.9 | 212.0 | 7.8 | 209.8 | 8.4 | 208.5 | 9.0 | 210.1 |
| 22:35 | 218.7 | 6.2 | 216.9 | 7.1 | 212.8 | 8.0 | 212.0 | 8.7 | 211.8 |
| 22:40 | 222.1 | 5.7 | 218.7 | 6.5 | 215.2 | 7.5 | 214.1 | 8.2 | 213.7 |
| 22:45 | 221.9 | 6.0 | 219.4 | 6.6 | 217.5 | 7.3 | 216.1 | 8.1 | 216.0 |
| 22:50 | 220.0 | 6.2 | 218.7 | 6.7 | 216.1 | 7.6 | 214.4 | 8.9 | 214.2 |

Daily Summary Report

Site: Lidar "Q" (PAM35)

10/20/2021

Interval: 005m

| | 39_WS340m | 40_WD340m | 41_WS360m | 42_WD360m | 43_WS380m | 44_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 00:00 | | | | | | |
| 00:05 | | | | | 1.3 | 200.3 |
| 00:10 | | | | | | |
| 00:15 | | | | | | |
| 00:20 | | | | | | |
| 00:25 | | | | | | |
| 00:30 | | | | | | |
| 00:35 | | | | | | |
| 00:40 | | | | | | |
| 00:45 | | | | | | |
| 00:50 | | | | | | |
| 00:55 | | | | | | |
| 01:00 | | | | | | |
| 01:05 | | | | | | |
| 01:10 | | | | | | |
| 01:15 | | | | | | |
| 01:20 | | | | | | |
| 01:25 | | | | | | |
| 01:30 | | | | | | |
| 01:35 | | | | | | |
| 01:40 | | | | | | |
| 01:45 | | | | | | |
| 01:50 | | | | | | |
| 01:55 | | | | | | |
| 02:00 | | | | | | |
| 02:05 | | | | | | |
| 02:10 | | | | | | |
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| 02:20 | | | | | | |
| 02:25 | | | | | | |
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| 02:35 | | | | | | |
| 02:40 | | | | | | |
| 02:45 | | | | | | |
| 02:50 | | | | | | |
| 02:55 | | | | | | |
| 03:00 | | | | | | |
| 03:05 | | | | | | |
| 03:10 | | | | | | |
| 03:15 | | | | | | |
| 03:20 | | | | | | |
| 03:25 | | | | | | |
| 03:30 | | | | | | |
| 03:35 | | | | | | |
| 03:40 | | | | | | |
| 03:45 | | | | | | |
| 03:50 | | | | | | |
| 03:55 | | | | | | |
| 04:00 | | | | | | |
| 04:05 | | | | | | |
| 04:10 | | | | | | |

| | 39_WS340m | 40_WD340m | 41_WS360m | 42_WD360m | 43_WS380m | 44_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 04:15 | | | | | | |
| 04:20 | | | | | | |
| 04:25 | | | | | | |
| 04:30 | | | | | | |
| 04:35 | | | | | | |
| 04:40 | | | | | | |
| 04:45 | | | | | | |
| 04:50 | | | | | | |
| 04:55 | | | | | | |
| 05:00 | | | | | | |
| 05:05 | | | | | | |
| 05:10 | | | | | | |
| 05:15 | | | | | | |
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| 05:25 | | | | | | |
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| 05:40 | | | | | | |
| 05:45 | | | | | | |
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| 05:55 | | | | | | |
| 06:00 | | | | | | |
| 06:05 | | | | | | |
| 06:10 | | | | | | |
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| 06:40 | | | | | | |
| 06:45 | | | | | | |
| 06:50 | | | | | | |
| 06:55 | | | | | | |
| 07:00 | | | | | | |
| 07:05 | | | | | | |
| 07:10 | | | | | | |
| 07:15 | | | | | | |
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| 07:45 | | | | | | |
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| 07:55 | | | | | | |
| 08:00 | | | | | | |
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| 08:35 | | | | | | |
| 08:40 | | | | | | |
| 08:45 | | | | | | |
| 08:50 | | | | | | |

| | 39_WS340m | 40_WD340m | 41_WS360m | 42_WD360m | 43_WS380m | 44_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 08:55 | | | | | | |
| 09:00 | | | | | | |
| 09:05 | | | | | | |
| 09:10 | | | | | | |
| 09:15 | | | | | | |
| 09:20 | | | | | | |
| 09:25 | | | | | | |
| 09:30 | | | | | | |
| 09:35 | | | | | | |
| 09:40 | | | | | | |
| 09:45 | | | | | | |
| 09:50 | | | | | | |
| 09:55 | | | | | | |
| 10:00 | | | | | | |
| 10:05 | | | | | | |
| 10:10 | | | | | | |
| 10:15 | | | | | | |
| 10:20 | | | | | | |
| 10:25 | | | | | | |
| 10:30 | | | | | | |
| 10:35 | | | | | | |
| 10:40 | 4.1 | 222.9 | | | 2.7 | 188.7 |
| 10:45 | 3.8 | 209.1 | | | 2.9 | 199.7 |
| 10:50 | 3.3 | 217.2 | | | | |
| 10:55 | 3.3 | 202.1 | | | 2.8 | 211.8 |
| 11:00 | 2.7 | 205.4 | | | 2.3 | 206.7 |
| 11:05 | 2.9 | 206.7 | | | 2.1 | 195.0 |
| 11:10 | 2.8 | 207.8 | | | | |
| 11:15 | | | | | 1.8 | 235.0 |
| 11:20 | | | | | 3.1 | 237.8 |
| 11:25 | | | | | | |
| 11:30 | | | | | 2.6 | 210.7 |
| 11:35 | | | | | 2.5 | 205.9 |
| 11:40 | | | | | | |
| 11:45 | | | | | | |
| 11:50 | | | | | | |
| 11:55 | | | | | | |
| 12:00 | | | | | | |
| 12:05 | | | | | | |
| 12:10 | | | | | 2.5 | 218.9 |
| 12:15 | 1.4 | 190.7 | | | 2.8 | 219.5 |
| 12:20 | 3.3 | 213.0 | | | 2.0 | 201.1 |
| 12:25 | | | | | 2.6 | 210.2 |
| 12:30 | | | | | 1.8 | 213.4 |
| 12:35 | 3.7 | 186.6 | | | 2.6 | 212.4 |
| 12:40 | 3.5 | 200.9 | 3.8 | 209.3 | 2.6 | 193.7 |
| 12:45 | | | 3.6 | 205.3 | 2.3 | 195.1 |
| 12:50 | 3.9 | 169.2 | 3.9 | 180.5 | 3.4 | 183.9 |
| 12:55 | | | | | 2.5 | 188.3 |
| 13:00 | 3.1 | 188.1 | 4.4 | 188.2 | 3.2 | 189.6 |
| 13:05 | | | | | 3.2 | 183.2 |
| 13:10 | 3.8 | 188.9 | | | 3.4 | 198.7 |
| 13:15 | 3.0 | 195.9 | 3.7 | 201.5 | 2.1 | 180.6 |
| 13:20 | 3.6 | 194.9 | 5.3 | 184.5 | 3.9 | 199.1 |
| 13:25 | 3.5 | 190.7 | 3.6 | 195.0 | 3.5 | 194.8 |
| 13:30 | 2.9 | 202.0 | 2.0 | 193.5 | 2.3 | 187.6 |

| | 39_WS340m | 40_WD340m | 41_WS360m | 42_WD360m | 43_WS380m | 44_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 13:35 | 2.5 | 190.1 | 3.0 | 188.1 | 2.4 | 182.2 |
| 13:40 | 2.7 | 189.0 | 3.2 | 184.2 | 2.5 | 178.5 |
| 13:45 | 2.6 | 186.4 | 2.5 | 191.0 | 2.2 | 196.0 |
| 13:50 | 2.2 | 223.7 | 2.5 | 219.6 | 1.6 | 202.6 |
| 13:55 | 2.8 | 190.4 | 3.0 | 199.7 | 2.4 | 207.8 |
| 14:00 | 2.4 | 194.9 | 2.0 | 194.4 | 1.9 | 213.0 |
| 14:05 | 2.9 | 215.8 | 3.0 | 221.0 | 2.3 | 217.4 |
| 14:10 | 2.8 | 232.7 | 2.9 | 232.3 | 2.2 | 231.5 |
| 14:15 | 2.4 | 233.6 | 2.4 | 234.7 | 1.9 | 229.8 |
| 14:20 | 3.1 | 218.2 | 3.2 | 218.4 | 2.5 | 217.4 |
| 14:25 | 2.7 | 227.2 | 2.8 | 226.1 | 2.1 | 232.0 |
| 14:30 | 1.8 | 232.0 | 1.9 | 229.2 | 1.2 | 238.4 |
| 14:35 | 2.8 | 219.4 | 2.9 | 218.7 | 2.2 | 227.2 |
| 14:40 | 2.4 | 190.8 | 2.4 | 197.5 | 1.7 | 225.2 |
| 14:45 | 2.1 | 216.0 | 2.1 | 211.9 | 1.8 | 239.4 |
| 14:50 | 2.1 | 235.8 | 2.2 | 235.0 | 2.0 | 244.7 |
| 14:55 | 2.6 | 237.1 | 2.8 | 231.7 | 2.0 | 247.1 |
| 15:00 | 3.1 | 276.1 | 2.9 | 280.4 | 2.7 | 288.9 |
| 15:05 | 3.8 | 207.6 | 3.9 | 209.8 | 3.4 | 222.3 |
| 15:10 | 3.4 | 219.1 | 3.2 | 220.1 | 2.6 | 223.9 |
| 15:15 | 1.8 | 205.6 | 1.8 | 207.1 | 1.4 | 220.4 |
| 15:20 | 3.0 | 189.7 | 3.0 | 192.1 | 2.4 | 191.1 |
| 15:25 | 4.0 | 200.4 | 3.9 | 197.0 | 3.9 | 192.2 |
| 15:30 | 2.9 | 221.0 | 2.9 | 220.2 | 2.5 | 222.3 |
| 15:35 | 3.0 | 207.3 | 3.1 | 209.3 | 2.7 | 214.4 |
| 15:40 | 3.5 | 242.3 | 3.2 | 238.1 | 3.1 | 238.4 |
| 15:45 | 3.1 | 252.9 | 3.2 | 252.9 | 3.1 | 249.8 |
| 15:50 | 3.2 | 244.9 | 3.1 | 242.0 | 3.1 | 234.8 |
| 15:55 | 2.6 | 187.1 | 2.8 | 189.6 | 2.6 | 193.5 |
| 16:00 | 3.3 | 203.4 | 3.3 | 208.3 | 2.8 | 205.1 |
| 16:05 | 1.9 | 216.3 | 1.9 | 218.4 | 1.3 | 207.4 |
| 16:10 | 3.4 | 224.3 | 3.5 | 224.4 | 2.2 | 216.5 |
| 16:15 | 2.5 | 203.9 | 2.5 | 205.8 | 1.6 | 212.9 |
| 16:20 | 2.1 | 205.3 | 2.1 | 189.7 | 2.1 | 223.5 |
| 16:25 | 2.6 | 191.6 | 2.6 | 186.4 | 2.3 | 213.7 |
| 16:30 | 2.8 | 236.9 | 2.7 | 236.3 | 2.7 | 253.9 |
| 16:35 | 2.5 | 220.6 | 2.9 | 228.6 | 2.3 | 236.7 |
| 16:40 | 3.4 | 209.8 | 3.4 | 213.7 | 2.6 | 221.7 |
| 16:45 | 3.0 | 203.0 | 3.1 | 202.5 | 2.2 | 219.4 |
| 16:50 | 3.2 | 226.2 | 3.2 | 223.8 | 3.3 | 228.8 |
| 16:55 | 3.0 | 206.9 | 3.0 | 203.5 | 2.9 | 218.0 |
| 17:00 | 3.3 | 223.9 | 2.9 | 229.0 | 3.3 | 229.4 |
| 17:05 | 3.8 | 214.1 | 3.8 | 219.4 | 3.6 | 222.5 |
| 17:10 | 4.2 | 201.9 | 4.1 | 206.4 | 3.5 | 208.4 |
| 17:15 | 4.3 | 208.0 | 4.5 | 206.7 | 3.9 | 211.7 |
| 17:20 | 5.1 | 186.8 | 5.0 | 190.3 | 4.4 | 190.3 |
| 17:25 | 4.0 | 193.7 | 3.9 | 190.3 | 3.3 | 192.3 |
| 17:30 | 4.5 | 193.6 | 4.4 | 200.2 | 3.2 | 190.6 |
| 17:35 | 4.9 | 199.0 | 4.7 | 204.1 | 3.6 | 201.6 |
| 17:40 | 4.5 | 210.6 | 4.4 | 211.6 | 3.1 | 198.5 |
| 17:45 | 4.7 | 211.9 | 4.8 | 214.0 | 3.9 | 206.7 |
| 17:50 | 4.2 | 210.9 | 4.0 | 211.9 | 3.3 | 207.0 |
| 17:55 | 4.0 | 204.7 | 4.0 | 203.0 | 3.2 | 198.1 |
| 18:00 | 4.7 | 193.3 | 4.8 | 192.3 | 4.5 | 190.3 |
| 18:05 | 4.7 | 194.9 | 5.0 | 192.2 | 4.6 | 189.1 |
| 18:10 | 4.5 | 201.6 | 4.6 | 200.9 | 3.7 | 197.4 |

| | 39_WS340m | 40_WD340m | 41_WS360m | 42_WD360m | 43_WS380m | 44_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 18:15 | 4.7 | 205.1 | 4.8 | 208.0 | 4.4 | 203.6 |
| 18:20 | 4.8 | 208.3 | 4.9 | 210.0 | 3.6 | 205.1 |
| 18:25 | 5.2 | 206.9 | 5.3 | 206.5 | 4.2 | 201.4 |
| 18:30 | 5.1 | 207.0 | 5.2 | 206.5 | 4.4 | 203.6 |
| 18:35 | 4.7 | 206.4 | 4.6 | 206.7 | 4.1 | 202.7 |
| 18:40 | 5.2 | 208.2 | 4.9 | 208.2 | 4.2 | 200.2 |
| 18:45 | 4.9 | 211.0 | 4.9 | 209.9 | 3.3 | 212.4 |
| 18:50 | 4.9 | 214.0 | 5.0 | 215.7 | 4.2 | 213.6 |
| 18:55 | 5.0 | 208.5 | 5.0 | 209.7 | 3.6 | 193.4 |
| 19:00 | | | | | | |
| 19:05 | 5.6 | 217.8 | 5.7 | 218.0 | 4.1 | 207.1 |
| 19:10 | 5.4 | 217.1 | 5.3 | 218.1 | 3.9 | 208.1 |
| 19:15 | 5.1 | 212.5 | 5.1 | 213.2 | 3.8 | 209.8 |
| 19:20 | 5.3 | 212.6 | 5.3 | 212.0 | 4.1 | 206.2 |
| 19:25 | 5.5 | 211.1 | 5.7 | 212.6 | 4.0 | 207.2 |
| 19:30 | 5.8 | 214.6 | 6.1 | 218.0 | 4.8 | 203.2 |
| 19:35 | 5.7 | 211.8 | 5.6 | 211.9 | 4.3 | 199.6 |
| 19:40 | 5.7 | 211.2 | 5.8 | 213.5 | 4.6 | 196.0 |
| 19:45 | 5.9 | 207.9 | 5.9 | 208.1 | 4.9 | 191.9 |
| 19:50 | 6.1 | 207.0 | 6.1 | 206.1 | 5.1 | 191.9 |
| 19:55 | 6.1 | 206.7 | 6.0 | 208.5 | 5.0 | 206.7 |
| 20:00 | 5.9 | 207.4 | 6.0 | 210.2 | 4.8 | 207.0 |
| 20:05 | 6.1 | 207.4 | 6.1 | 209.0 | 5.0 | 201.4 |
| 20:10 | 6.5 | 208.7 | 6.5 | 207.8 | 6.0 | 207.8 |
| 20:15 | 6.5 | 209.3 | 6.5 | 209.6 | 5.5 | 213.2 |
| 20:20 | 7.2 | 209.2 | 7.3 | 210.2 | 5.6 | 211.1 |
| 20:25 | 7.2 | 208.6 | 7.2 | 209.0 | 6.0 | 206.8 |
| 20:30 | 7.2 | 211.9 | 7.2 | 211.8 | 6.5 | 207.0 |
| 20:35 | 7.3 | 216.0 | 7.2 | 216.1 | 6.0 | 214.7 |
| 20:40 | 7.1 | 214.3 | 7.3 | 213.8 | 6.2 | 213.0 |
| 20:45 | 7.0 | 211.4 | 7.1 | 212.0 | 6.6 | 211.1 |
| 20:50 | 7.1 | 214.3 | 7.3 | 213.9 | 6.6 | 213.6 |
| 20:55 | 7.0 | 211.8 | 7.4 | 213.3 | 6.7 | 215.8 |
| 21:00 | 7.0 | 213.6 | 7.0 | 215.4 | 5.9 | 219.8 |
| 21:05 | 6.6 | 216.8 | 6.6 | 216.9 | 5.2 | 221.5 |
| 21:10 | 6.9 | 217.4 | 6.8 | 217.6 | 5.3 | 219.5 |
| 21:15 | 6.9 | 216.8 | 6.9 | 218.8 | 5.4 | 213.1 |
| 21:20 | 6.7 | 216.4 | 6.8 | 216.5 | 5.7 | 215.1 |
| 21:25 | 6.8 | 215.7 | 7.0 | 215.6 | 5.4 | 215.0 |
| 21:30 | 7.0 | 215.3 | 7.3 | 216.0 | 5.7 | 211.1 |
| 21:35 | 7.7 | 217.6 | 7.9 | 218.6 | 5.8 | 214.2 |
| 21:40 | 8.0 | 217.6 | 8.1 | 218.3 | 6.2 | 213.5 |
| 21:45 | 8.5 | 218.0 | 8.6 | 218.2 | 6.6 | 208.7 |
| 21:50 | 8.5 | 215.5 | 8.7 | 216.1 | 7.1 | 208.5 |
| 21:55 | 8.9 | 216.1 | 8.9 | 217.2 | 7.3 | 211.4 |
| 22:00 | 9.3 | 215.9 | 9.3 | 216.5 | 8.1 | 208.3 |
| 22:05 | 9.3 | 215.8 | 9.2 | 214.7 | 8.4 | 212.3 |
| 22:10 | 9.2 | 219.1 | 8.9 | 218.3 | 8.4 | 215.1 |
| 22:15 | 8.7 | 213.7 | 8.8 | 216.9 | 7.8 | 215.3 |
| 22:20 | 8.7 | 211.6 | 8.9 | 213.1 | 8.2 | 214.0 |
| 22:25 | 8.9 | 210.8 | 8.9 | 210.7 | 7.2 | 205.9 |
| 22:30 | 9.4 | 209.9 | 9.0 | 208.3 | 7.8 | 202.7 |
| 22:35 | 9.4 | 211.7 | 9.7 | 212.8 | 8.4 | 210.5 |
| 22:40 | 9.1 | 213.4 | 9.9 | 213.8 | 9.3 | 214.4 |
| 22:45 | 9.2 | 214.5 | 9.8 | 214.2 | 8.8 | 214.9 |
| 22:50 | 9.6 | 213.7 | 10.0 | 213.8 | 8.2 | 219.6 |

| | 39_WS340m | 40_WD340m | 41_WS360m | 42_WD360m | 43_WS380m | 44_WD380m |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 22:55 | 9.7 | 213.9 | 10.1 | 214.3 | 8.1 | 220.9 |
| 23:00 | 10.3 | 213.5 | 10.5 | 213.8 | 7.8 | 214.2 |
| 23:05 | 10.4 | 214.5 | 10.9 | 214.9 | 8.1 | 207.7 |
| 23:10 | 10.2 | 214.5 | 10.7 | 216.3 | 9.1 | 210.7 |
| 23:15 | 9.7 | 216.5 | 10.3 | 215.9 | 9.9 | 215.7 |
| 23:20 | 10.0 | 218.2 | 10.8 | 218.7 | 8.2 | 208.7 |
| 23:25 | 10.3 | 219.5 | 10.4 | 220.3 | 7.4 | 205.0 |
| 23:30 | 10.4 | 218.3 | 10.7 | 218.9 | 8.5 | 215.9 |
| 23:35 | 10.4 | 217.1 | 10.7 | 217.4 | 9.4 | 217.0 |
| 23:40 | 10.6 | 216.6 | 11.0 | 218.7 | 8.8 | 206.4 |
| 23:45 | 10.4 | 216.9 | 11.2 | 218.9 | 8.0 | 203.9 |
| 23:50 | 9.8 | 215.8 | 10.6 | 217.8 | 7.0 | 203.2 |
| 23:55 | 10.1 | 216.4 | 10.1 | 216.6 | 6.4 | 204.6 |
| Avg | 5.3 | 211.1 | 5.5 | 212.1 | 4.3 | 210.6 |
| Max | 10.6 | 276.1 | 11.2 | 280.4 | 9.9 | 288.9 |
| Max Time | 23:40 | 15:00 | 23:45 | 15:00 | 23:15 | 15:00 |
| Min | 1.4 | 169.2 | 1.8 | 180.5 | 1.2 | 178.5 |
| Count | 142 | 142 | 132 | 132 | 151 | 151 |
| Total | | | | | | |