

Daily Summary Report

Site: Lidar "Q" (PAM35)

5/10/2022

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 | 14.6 | 993.00 | 93.0 | .5 | 202.4 | .03 | .3 | 16.9 | -.02 |
| 00:05 | 14.6 | 993.00 | 93.0 | .3 | 225.5 | .02 | .5 | 43.8 | .00 |
| 00:10 | 14.4 | 993.00 | 93.0 | .3 | 240.1 | .02 | .4 | 359.6 | .01 |
| 00:15 | 14.4 | 993.00 | 93.0 | .4 | 283.0 | .02 | .5 | 335.3 | -.01 |
| 00:20 | 14.4 | 993.00 | 93.0 | .5 | 260.8 | .00 | .4 | 297.6 | .01 |
| 00:25 | 14.4 | 993.00 | 93.0 | .5 | 195.6 | .01 | .3 | 291.9 | -.02 |
| 00:30 | 14.2 | 993.00 | 93.0 | .6 | 182.8 | .02 | .3 | 252.1 | -.02 |
| 00:35 | 14.2 | 993.00 | 93.0 | .8 | 189.8 | .07 | .4 | 236.7 | .02 |
| 00:40 | 14.1 | 993.00 | 94.0 | 1.8 | 178.7 | .11 | 1.6 | 180.7 | .02 |
| 00:45 | 14.1 | 993.00 | 94.0 | 2.1 | 176.9 | .14 | 2.1 | 187.5 | .12 |
| 00:50 | 14.1 | 993.00 | 94.0 | .9 | 173.6 | .12 | 1.1 | 181.2 | .12 |
| 00:55 | 14.1 | 993.00 | 94.0 | .3 | 162.0 | -.02 | .7 | 154.4 | -.06 |
| 01:00 | 14.1 | 993.00 | 94.0 | .5 | 48.9 | -.03 | .4 | 149.1 | -.05 |
| 01:05 | 14.1 | 993.00 | 94.0 | 1.0 | 48.3 | -.03 | .4 | 72.2 | -.04 |
| 01:10 | 14.0 | 993.00 | 94.0 | .8 | 36.8 | -.04 | .5 | 70.3 | -.04 |
| 01:15 | 14.0 | 993.00 | 94.0 | .8 | 30.8 | .05 | .4 | 52.4 | .03 |
| 01:20 | 13.9 | 993.00 | 94.0 | .8 | 46.6 | -.05 | .6 | 76.5 | -.10 |
| 01:25 | 13.9 | 993.00 | 94.0 | 1.0 | 33.9 | -.04 | .5 | 56.1 | -.05 |
| 01:30 | 13.8 | 993.00 | 94.0 | 1.1 | 32.2 | .03 | 1.1 | 42.1 | .06 |
| 01:35 | 13.8 | 993.00 | 94.0 | .8 | 16.9 | -.02 | .8 | 40.6 | .04 |
| 01:40 | 13.7 | 993.00 | 94.0 | .4 | 24.0 | -.08 | .5 | 51.7 | -.05 |
| 01:45 | 13.7 | 993.00 | 94.0 | .4 | 74.0 | -.03 | .6 | 60.6 | .00 |
| 01:50 | 13.6 | 993.00 | 94.0 | .3 | 242.2 | -.02 | .4 | 20.8 | .01 |
| 01:55 | 13.6 | 993.00 | 94.0 | .4 | 289.3 | -.01 | .5 | 10.6 | .02 |
| 02:00 | 13.6 | 993.00 | 94.0 | .5 | 267.5 | .00 | .5 | 346.0 | .05 |
| 02:05 | 13.6 | 993.00 | 94.0 | .5 | 261.8 | -.02 | .5 | 335.9 | .03 |
| 02:10 | 13.5 | 993.00 | 95.0 | .3 | 241.1 | .02 | .5 | .1 | .06 |
| 02:15 | 13.5 | 993.00 | 95.0 | .3 | 170.0 | .05 | .5 | 32.4 | .00 |
| 02:20 | 13.4 | 993.00 | 94.0 | .2 | 251.6 | .05 | .6 | 37.1 | .01 |
| 02:25 | 13.4 | 993.00 | 94.0 | .2 | 247.7 | .01 | .6 | 25.3 | -.02 |
| 02:30 | 13.3 | 993.00 | 95.0 | .3 | 218.6 | -.02 | .4 | 21.9 | .03 |
| 02:35 | 13.3 | 993.00 | 95.0 | .3 | 213.3 | -.01 | .4 | 15.9 | .07 |
| 02:40 | 13.2 | 993.00 | 95.0 | .2 | 207.3 | -.05 | .4 | 18.4 | .09 |
| 02:45 | 13.2 | 993.00 | 95.0 | .2 | 178.4 | -.02 | .5 | 23.7 | .16 |
| 02:50 | 13.1 | 993.00 | 95.0 | .2 | 37.6 | .08 | .6 | 15.2 | .18 |
| 02:55 | 13.1 | 993.00 | 95.0 | .3 | 246.8 | -.04 | .6 | 20.3 | .16 |
| 03:00 | 13.0 | 993.00 | 95.0 | .3 | 64.4 | -.22 | .1 | 101.1 | .31 |
| 03:05 | 13.0 | 993.00 | 95.0 | .2 | 119.1 | .11 | .3 | 9.9 | .34 |
| 03:10 | 13.0 | 993.00 | 95.0 | .3 | 183.2 | .08 | .3 | 329.4 | .31 |
| 03:15 | 13.0 | 993.00 | 95.0 | .2 | 31.8 | -.04 | .2 | 327.5 | .22 |
| 03:20 | 13.0 | 993.00 | 95.0 | .2 | 15.7 | -.04 | .3 | 292.6 | .20 |
| 03:25 | 13.0 | 993.00 | 95.0 | .4 | 349.0 | .07 | .4 | 289.1 | .30 |
| 03:30 | 12.9 | 993.00 | 95.0 | .5 | 188.1 | -.22 | .4 | 304.1 | .22 |
| 03:35 | 12.9 | 993.00 | 95.0 | .5 | 176.0 | -.10 | .4 | 221.3 | .20 |
| 03:40 | 12.8 | 993.00 | 95.0 | .5 | 179.2 | -.30 | .5 | 320.0 | .15 |
| 03:45 | 12.8 | 993.00 | 95.0 | .3 | 300.8 | .04 | .6 | 331.7 | .35 |
| 03:50 | 12.8 | 993.00 | 95.0 | .3 | 295.4 | .34 | .5 | 349.0 | .34 |
| 03:55 | 12.8 | 993.00 | 95.0 | .3 | 323.8 | .08 | .5 | 357.7 | .39 |
| 04:00 | 12.7 | 993.00 | 95.0 | .2 | 15.7 | -.14 | .4 | 350.8 | .31 |
| 04:05 | 12.7 | 993.00 | 95.0 | .3 | 110.8 | -.01 | .2 | 44.5 | .19 |
| 04:10 | 12.7 | 993.00 | 95.0 | .4 | 138.3 | .15 | .2 | 68.2 | .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 |
| 04:15 | 12.7 | 993.00 | 95.0 | .5 | 155.0 | .23 | .3 | 105.5 | .28 |
| 04:20 | 12.7 | 993.00 | 95.0 | .5 | 99.3 | .20 | .3 | 62.4 | .32 |
| 04:25 | 12.7 | 993.00 | 95.0 | .4 | 148.7 | .18 | .3 | 148.4 | .40 |
| 04:30 | 12.6 | 994.00 | 95.0 | .6 | 166.3 | .14 | .4 | 145.3 | .30 |
| 04:35 | 12.6 | 994.00 | 95.0 | 1.0 | 179.7 | .02 | .5 | 151.1 | .05 |
| 04:40 | 12.6 | 994.00 | 95.0 | 1.3 | 164.7 | .01 | 1.0 | 155.3 | .06 |
| 04:45 | 12.6 | 994.00 | 95.0 | 1.2 | 177.7 | .03 | .7 | 158.3 | .05 |
| 04:50 | 12.5 | 994.00 | 95.0 | 1.1 | 172.9 | -.02 | .5 | 161.9 | .02 |
| 04:55 | 12.5 | 994.00 | 95.0 | .7 | 179.1 | -.02 | .4 | 184.5 | .04 |
| 05:00 | 12.3 | 994.00 | 95.0 | 1.0 | 163.0 | -.06 | .7 | 173.1 | .08 |
| 05:05 | 12.3 | 994.00 | 95.0 | .7 | 127.8 | -.04 | .9 | 119.8 | .00 |
| 05:10 | 12.2 | 994.00 | 95.0 | .5 | 80.0 | -.04 | .9 | 105.5 | -.01 |
| 05:15 | 12.2 | 994.00 | 95.0 | .3 | 58.5 | -.03 | .5 | 118.5 | -.01 |
| 05:20 | 12.0 | 995.00 | 95.0 | .5 | 22.7 | -.04 | .5 | 83.5 | .05 |
| 05:25 | 12.0 | 995.00 | 95.0 | .9 | 8.2 | -.02 | .7 | 17.0 | -.03 |
| 05:30 | 12.0 | 995.00 | 95.0 | .9 | 27.3 | -.26 | 1.0 | 32.4 | .14 |
| 05:35 | 12.0 | 995.00 | 95.0 | 1.1 | 45.1 | -.21 | 1.1 | 25.8 | .22 |
| 05:40 | 11.9 | 995.00 | 95.0 | .8 | 57.9 | .11 | .9 | 24.2 | .29 |
| 05:45 | 11.9 | 995.00 | 95.0 | .6 | 77.7 | .14 | .6 | 18.8 | .25 |
| 05:50 | 12.0 | 995.00 | 95.0 | .8 | 143.8 | .18 | .3 | 139.4 | .23 |
| 05:55 | 12.0 | 995.00 | 95.0 | .8 | 162.2 | .16 | .5 | 178.7 | .30 |
| 06:00 | 12.2 | 995.00 | 95.0 | 1.1 | 158.7 | .00 | .7 | 163.1 | .21 |
| 06:05 | 12.2 | 995.00 | 95.0 | 1.4 | 164.6 | -.04 | 1.3 | 159.1 | .00 |
| 06:10 | 12.1 | 995.00 | 95.0 | 1.0 | 183.5 | -.03 | 1.2 | 159.9 | .01 |
| 06:15 | 12.1 | 995.00 | 95.0 | .6 | 179.4 | -.01 | .8 | 161.5 | -.02 |
| 06:20 | 12.0 | 995.00 | 95.0 | .6 | 196.5 | .07 | .8 | 183.9 | .03 |
| 06:25 | 12.0 | 995.00 | 95.0 | .6 | 172.3 | .02 | .7 | 181.1 | .11 |
| 06:30 | 11.8 | 996.00 | 95.0 | .7 | 187.7 | .07 | .6 | 164.0 | .06 |
| 06:35 | 11.8 | 996.00 | 95.0 | .7 | 185.3 | .03 | .6 | 165.3 | .04 |
| 06:40 | 11.7 | 996.00 | 95.0 | .8 | 202.0 | .01 | .5 | 188.3 | .04 |
| 06:45 | 11.7 | 996.00 | 95.0 | .7 | 241.4 | .29 | .9 | 228.5 | .43 |
| 06:50 | 11.7 | 996.00 | 95.0 | .6 | 215.7 | .19 | .7 | 251.9 | .11 |
| 06:55 | 11.7 | 996.00 | 95.0 | .5 | 201.1 | .35 | .4 | 204.3 | .32 |
| 07:00 | 11.7 | 996.00 | 95.0 | .5 | 214.6 | .40 | .5 | 202.2 | .40 |
| 07:05 | 11.7 | 996.00 | 95.0 | .5 | 253.1 | .26 | .5 | 204.1 | .37 |
| 07:10 | 11.8 | 996.00 | 95.0 | .5 | 258.1 | .22 | .7 | 296.0 | .13 |
| 07:15 | 11.8 | 996.00 | 95.0 | .5 | 68.6 | -.17 | .6 | 342.3 | .09 |
| 07:20 | 11.9 | 996.00 | 95.0 | .9 | 137.3 | -.02 | .4 | 137.0 | .05 |
| 07:25 | 11.9 | 996.00 | 95.0 | .4 | 176.3 | .02 | .3 | 43.3 | -.05 |
| 07:30 | 12.0 | 997.00 | 95.0 | .7 | 171.0 | .03 | .6 | 130.9 | .00 |
| 07:35 | 12.0 | 997.00 | 95.0 | 1.0 | 176.8 | .04 | .8 | 160.0 | .05 |
| 07:40 | 12.2 | 997.00 | 95.0 | 1.3 | 178.9 | .01 | 1.1 | 169.0 | -.02 |
| 07:45 | 12.2 | 997.00 | 95.0 | 1.4 | 178.0 | .02 | 1.4 | 170.9 | -.01 |
| 07:50 | 12.3 | 997.00 | 95.0 | 1.5 | 167.2 | .00 | 1.6 | 158.7 | -.01 |
| 07:55 | 12.3 | 997.00 | 95.0 | 1.3 | 160.5 | .03 | 1.6 | 146.6 | .02 |
| 08:00 | 12.6 | 997.00 | 95.0 | .8 | 147.4 | .03 | 1.2 | 138.6 | .03 |
| 08:05 | 12.6 | 997.00 | 95.0 | .6 | 146.9 | -.06 | .9 | 143.8 | -.04 |
| 08:10 | 12.9 | 997.00 | 95.0 | .5 | 149.1 | -.07 | .8 | 121.7 | -.05 |
| 08:15 | 12.9 | 997.00 | 95.0 | .6 | 56.3 | -.03 | .8 | 52.6 | -.07 |
| 08:20 | 13.2 | 998.00 | 94.0 | .7 | 39.4 | .00 | 1.0 | 34.2 | .00 |
| 08:25 | 13.2 | 998.00 | 94.0 | .7 | 18.8 | .03 | .7 | 31.1 | .02 |
| 08:30 | 13.7 | 998.00 | 94.0 | .6 | 42.5 | -.02 | .6 | 64.5 | .02 |
| 08:35 | 13.7 | 998.00 | 94.0 | 1.0 | 48.8 | .07 | .7 | 55.9 | .03 |
| 08:40 | 14.1 | 998.00 | 93.0 | .7 | 61.5 | .16 | .6 | 49.1 | .09 |
| 08:45 | 14.1 | 998.00 | 93.0 | .5 | 312.6 | .12 | .5 | 293.9 | -.02 |
| 08:50 | 14.8 | 998.00 | 92.0 | .5 | 16.4 | .03 | .6 | 332.5 | .00 |

| | 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 | 14.8 | 998.00 | 92.0 | .4 | 286.0 | .01 | .4 | 248.1 | -.21 |
| 09:00 | 15.9 | 998.00 | 88.0 | .5 | 353.0 | -.08 | .4 | 250.9 | -.21 |
| 09:05 | 15.9 | 998.00 | 88.0 | .7 | 359.7 | .05 | .7 | 5.5 | .06 |
| 09:10 | 16.9 | 999.00 | 85.0 | .5 | 355.4 | -.29 | .7 | 29.8 | -.36 |
| 09:15 | 16.9 | 999.00 | 85.0 | .7 | 113.6 | -.41 | .7 | 92.2 | -.36 |
| 09:20 | 17.8 | 998.00 | 80.0 | .9 | 143.6 | -.17 | .7 | 167.9 | -.17 |
| 09:25 | 17.8 | 998.00 | 80.0 | .7 | 120.8 | -.24 | 1.0 | 100.8 | -.33 |
| 09:30 | 18.5 | 998.00 | 77.0 | 1.2 | 164.8 | -.30 | 1.3 | 157.6 | -.43 |
| 09:35 | 18.5 | 998.00 | 77.0 | .9 | 149.5 | .21 | .9 | 165.3 | .17 |
| 09:40 | 19.1 | 998.00 | 73.0 | 1.2 | 212.5 | -.04 | 1.4 | 219.7 | .03 |
| 09:45 | 19.1 | 998.00 | 73.0 | 1.1 | 196.0 | -.29 | .9 | 217.9 | -.24 |
| 09:50 | 19.8 | 998.00 | 68.0 | 1.3 | 247.8 | .11 | 1.4 | 253.2 | .16 |
| 09:55 | 19.8 | 998.00 | 68.0 | 1.3 | 255.4 | -.53 | 1.5 | 246.2 | -.60 |
| 10:00 | 19.9 | 998.00 | 66.0 | 1.6 | 296.7 | -.39 | 1.9 | 298.2 | -.63 |
| 10:05 | 19.9 | 998.00 | 66.0 | .9 | 284.1 | -.42 | 1.0 | 279.2 | -.61 |
| 10:10 | 20.0 | 998.00 | 66.0 | 1.1 | 198.6 | -.15 | 1.5 | 217.9 | -.26 |
| 10:15 | 20.0 | 998.00 | 66.0 | 1.4 | 227.6 | .33 | 1.7 | 227.1 | .47 |
| 10:20 | 20.3 | 998.00 | 65.0 | 1.0 | 185.3 | .75 | .8 | 206.6 | .85 |
| 10:25 | 20.3 | 998.00 | 65.0 | .7 | 183.3 | .23 | 1.0 | 164.0 | .38 |
| 10:30 | 20.8 | 998.00 | 64.0 | .8 | 48.7 | -.49 | .9 | 60.0 | -.53 |
| 10:35 | 20.8 | 998.00 | 64.0 | 1.4 | 25.7 | -.65 | 1.6 | 4.0 | -.61 |
| 10:40 | 21.5 | 998.00 | 62.0 | 1.2 | 160.1 | -.64 | 1.5 | 167.5 | -.85 |
| 10:45 | 21.5 | 998.00 | 62.0 | .8 | 259.1 | -.51 | 1.1 | 249.4 | -.59 |
| 10:50 | 21.8 | 998.00 | 61.0 | .7 | 342.4 | -.82 | .9 | 33.2 | -1.06 |
| 10:55 | 21.8 | 998.00 | 61.0 | 1.3 | 294.5 | .17 | 1.7 | 284.6 | .06 |
| 11:00 | 21.9 | 998.00 | 59.0 | 1.3 | 346.4 | -.29 | 1.4 | 304.6 | -.57 |
| 11:05 | 21.9 | 998.00 | 59.0 | 1.5 | 211.0 | .03 | 1.7 | 212.8 | .22 |
| 11:10 | 22.0 | 998.00 | 58.0 | .6 | 119.7 | .12 | .8 | 49.0 | .26 |
| 11:15 | 22.0 | 998.00 | 58.0 | .9 | 358.5 | -.30 | .9 | 352.0 | -.45 |
| 11:20 | 22.3 | 998.00 | 58.0 | .6 | 162.3 | -.81 | 1.0 | 211.4 | -.92 |
| 11:25 | 22.3 | 998.00 | 58.0 | 1.3 | 187.5 | .27 | 1.5 | 190.6 | .40 |
| 11:30 | 22.6 | 998.00 | 54.0 | 1.5 | 148.3 | -.01 | 1.5 | 147.6 | -.20 |
| 11:35 | 22.6 | 998.00 | 54.0 | 2.0 | 149.0 | .05 | 2.2 | 153.1 | .10 |
| 11:40 | 23.0 | 998.00 | 53.0 | 2.3 | 160.9 | -.28 | 2.6 | 162.9 | -.29 |
| 11:45 | 23.0 | 998.00 | 53.0 | 2.1 | 178.7 | .28 | 2.2 | 174.4 | .43 |
| 11:50 | 22.6 | 998.00 | 52.0 | 1.8 | 198.7 | .49 | 1.9 | 196.8 | .61 |
| 11:55 | 22.6 | 998.00 | 52.0 | 2.0 | 132.8 | .07 | 1.9 | 122.7 | .07 |
| 12:00 | 22.8 | 998.00 | 53.0 | 2.1 | 128.5 | -.11 | 2.1 | 126.2 | .00 |
| 12:05 | 22.8 | 998.00 | 53.0 | 1.2 | 81.7 | -.26 | 1.1 | 97.7 | -.20 |
| 12:10 | 23.1 | 998.00 | 51.0 | 1.0 | 67.5 | .08 | .9 | 59.2 | -.08 |
| 12:15 | 23.1 | 998.00 | 51.0 | 1.8 | 189.4 | -.05 | 1.9 | 192.4 | -.15 |
| 12:20 | 23.3 | 998.00 | 51.0 | 1.6 | 163.7 | .30 | 1.6 | 155.7 | .43 |
| 12:25 | 23.3 | 998.00 | 51.0 | 1.9 | 153.9 | .07 | 2.2 | 157.9 | .02 |
| 12:30 | 23.5 | 998.00 | 52.0 | 1.8 | 180.8 | .05 | 2.1 | 176.8 | .16 |
| 12:35 | 23.5 | 998.00 | 52.0 | 1.5 | 262.1 | -.17 | 1.8 | 249.6 | -.32 |
| 12:40 | 23.9 | 998.00 | 51.0 | 1.5 | 212.8 | -.73 | 1.7 | 221.6 | -.74 |
| 12:45 | 23.9 | 998.00 | 51.0 | 1.8 | 165.4 | -.07 | 2.0 | 173.0 | -.09 |
| 12:50 | 23.7 | 997.00 | 51.0 | 1.3 | 139.9 | .14 | 1.3 | 132.7 | .37 |
| 12:55 | 23.7 | 997.00 | 51.0 | 1.1 | 90.0 | .11 | 1.2 | 87.8 | .20 |
| 13:00 | 23.9 | 997.00 | 50.0 | 2.1 | 287.0 | -.14 | 2.5 | 291.5 | -.43 |
| 13:05 | 23.9 | 997.00 | 50.0 | 1.7 | 278.5 | .61 | 1.8 | 275.9 | .59 |
| 13:10 | 23.8 | 997.00 | 52.0 | 1.8 | 218.7 | .34 | 2.1 | 221.7 | .41 |
| 13:15 | 23.8 | 997.00 | 52.0 | 1.7 | 196.2 | -.10 | 1.6 | 193.5 | .04 |
| 13:20 | 24.4 | 997.00 | 52.0 | 1.3 | 128.3 | -.25 | 1.5 | 120.4 | -.18 |
| 13:25 | 24.4 | 997.00 | 52.0 | 1.0 | 260.9 | -.68 | .9 | 239.5 | -1.01 |
| 13:30 | 24.8 | 997.00 | 50.0 | 1.2 | 179.4 | -.41 | 1.5 | 180.1 | -.62 |

| | 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 | 24.8 | 997.00 | 50.0 | 1.4 | 144.9 | -40 | 1.8 | 155.8 | -.56 |
| 13:40 | 25.0 | 997.00 | 51.0 | 1.9 | 155.9 | -50 | 2.2 | 155.4 | -.68 |
| 13:45 | 25.0 | 997.00 | 51.0 | 1.5 | 174.2 | .45 | 1.7 | 183.5 | .33 |
| 13:50 | 24.8 | 996.00 | 50.0 | 1.3 | 256.4 | -61 | 1.3 | 257.7 | -.74 |
| 13:55 | 24.8 | 996.00 | 50.0 | .7 | 58.0 | -67 | .9 | 204.0 | -.78 |
| 14:00 | 25.8 | 997.00 | 51.0 | 1.7 | 193.7 | -60 | 1.8 | 190.2 | -.72 |
| 14:05 | 25.8 | 997.00 | 51.0 | 1.4 | 166.3 | -42 | 1.5 | 175.1 | -.49 |
| 14:10 | 25.6 | 996.00 | 49.0 | 1.3 | 238.9 | -13 | 1.7 | 263.5 | -.08 |
| 14:15 | 25.6 | 996.00 | 49.0 | 1.5 | 285.9 | -34 | 1.6 | 279.7 | -.46 |
| 14:20 | 25.8 | 996.00 | 49.0 | .9 | 121.6 | -76 | 1.2 | 188.7 | -.93 |
| 14:25 | 25.8 | 996.00 | 49.0 | 1.9 | 264.6 | -11 | 2.1 | 264.3 | -.20 |
| 14:30 | 26.0 | 996.00 | 49.0 | 2.7 | 252.9 | -19 | 3.0 | 251.7 | -.38 |
| 14:35 | 26.0 | 996.00 | 49.0 | 2.4 | 246.6 | -02 | 2.8 | 247.1 | .12 |
| 14:40 | 26.2 | 995.00 | 48.0 | 2.0 | 274.7 | -40 | 2.2 | 272.8 | -.46 |
| 14:45 | 26.2 | 995.00 | 48.0 | 1.0 | 284.0 | 1.04 | .9 | 285.4 | 1.04 |
| 14:50 | 26.3 | 995.00 | 47.0 | .8 | 330.8 | -22 | .9 | 307.3 | -.41 |
| 14:55 | 26.3 | 995.00 | 47.0 | 2.4 | 267.0 | .22 | 2.8 | 273.5 | .18 |
| 15:00 | 26.5 | 995.00 | 47.0 | 2.2 | 244.2 | .06 | 2.4 | 237.9 | -.03 |
| 15:05 | 26.5 | 995.00 | 47.0 | 2.2 | 217.9 | .39 | 2.3 | 228.2 | .41 |
| 15:10 | 26.9 | 995.00 | 45.0 | 2.5 | 250.9 | -.04 | 2.9 | 255.8 | -.02 |
| 15:15 | 26.9 | 995.00 | 45.0 | 2.0 | 237.5 | -.46 | 2.5 | 257.5 | -.52 |
| 15:20 | 27.0 | 995.00 | 44.0 | 1.2 | 245.0 | -.38 | 1.4 | 249.0 | -.33 |
| 15:25 | 27.0 | 995.00 | 44.0 | 1.5 | 283.1 | -.65 | 1.5 | 280.5 | -.96 |
| 15:30 | 27.3 | 995.00 | 43.0 | 1.6 | 244.9 | -.46 | 1.9 | 249.0 | -.67 |
| 15:35 | 27.3 | 995.00 | 43.0 | 1.9 | 251.2 | -.41 | 2.3 | 248.8 | -.54 |
| 15:40 | 27.4 | 995.00 | 42.0 | 2.0 | 207.1 | .89 | 2.1 | 210.5 | .99 |
| 15:45 | 27.4 | 995.00 | 42.0 | .9 | 230.1 | -.58 | 1.0 | 222.9 | -.56 |
| 15:50 | 27.2 | 995.00 | 41.0 | 1.6 | 258.1 | -.28 | 2.2 | 256.3 | -.27 |
| 15:55 | 27.2 | 995.00 | 41.0 | 1.8 | 224.3 | -.16 | 2.1 | 230.7 | -.19 |
| 16:00 | 27.6 | 995.00 | 42.0 | 1.7 | 205.7 | .10 | 1.7 | 206.7 | .18 |
| 16:05 | 27.6 | 995.00 | 42.0 | 2.3 | 207.8 | .12 | 2.4 | 210.0 | .14 |
| 16:10 | 27.4 | 994.00 | 41.0 | .9 | 252.5 | .62 | 1.0 | 254.1 | .76 |
| 16:15 | 27.4 | 994.00 | 41.0 | 1.0 | 155.2 | .30 | 1.2 | 193.9 | .19 |
| 16:20 | 27.6 | 994.00 | 40.0 | 1.2 | 220.2 | .69 | 1.4 | 213.9 | .89 |
| 16:25 | 27.6 | 994.00 | 40.0 | 1.2 | 263.5 | -.49 | 1.5 | 286.5 | -.78 |
| 16:30 | 28.0 | 994.00 | 41.0 | 1.5 | 254.2 | -.64 | 2.0 | 262.1 | -.77 |
| 16:35 | 28.0 | 994.00 | 41.0 | 2.3 | 288.0 | -.28 | 2.6 | 279.4 | -.42 |
| 16:40 | 27.7 | 994.00 | 41.0 | 1.1 | 347.3 | .12 | 1.1 | 343.8 | .19 |
| 16:45 | 27.7 | 994.00 | 41.0 | 1.7 | 265.4 | .20 | 1.8 | 264.9 | .21 |
| 16:50 | 27.7 | 994.00 | 41.0 | 1.2 | 278.6 | .37 | 1.1 | 273.9 | .39 |
| 16:55 | 27.7 | 994.00 | 41.0 | 1.6 | 298.0 | -.07 | 1.9 | 299.3 | -.04 |
| 17:00 | 28.1 | 994.00 | 40.0 | 1.6 | 292.9 | -.29 | 1.7 | 289.7 | -.33 |
| 17:05 | 28.1 | 994.00 | 40.0 | 1.3 | 264.0 | .74 | 1.4 | 273.4 | .81 |
| 17:10 | 27.6 | 993.00 | 40.0 | 2.1 | 338.4 | .90 | 2.7 | 336.2 | .87 |
| 17:15 | 27.6 | 993.00 | 40.0 | 1.4 | 204.5 | -.42 | 1.8 | 215.4 | -.55 |
| 17:20 | 27.5 | 993.00 | 42.0 | 1.6 | 200.2 | .06 | 1.6 | 193.7 | .14 |
| 17:25 | 27.5 | 993.00 | 42.0 | .5 | 211.1 | -.68 | .7 | 206.7 | -.90 |
| 17:30 | 28.2 | 994.00 | 43.0 | .7 | 256.2 | -.64 | 1.3 | 246.0 | -.94 |
| 17:35 | 28.2 | 994.00 | 43.0 | 1.2 | 250.4 | -.66 | 1.7 | 240.3 | -.87 |
| 17:40 | 28.6 | 994.00 | 41.0 | 1.4 | 215.7 | -.18 | 1.4 | 217.0 | -.28 |
| 17:45 | 28.6 | 994.00 | 41.0 | 1.6 | 172.8 | -.29 | 2.0 | 165.8 | -.28 |
| 17:50 | 28.0 | 993.00 | 40.0 | 1.3 | 187.7 | -.11 | 1.4 | 182.0 | -.21 |
| 17:55 | 28.0 | 993.00 | 40.0 | 1.5 | 213.7 | .20 | 1.7 | 211.8 | .06 |
| 18:00 | 28.2 | 993.00 | 41.0 | 1.2 | 201.1 | .23 | 1.2 | 206.2 | .32 |
| 18:05 | 28.2 | 993.00 | 41.0 | .9 | 243.0 | -.06 | 1.0 | 263.6 | -.07 |
| 18:10 | 28.1 | 993.00 | 41.0 | .7 | 292.1 | .29 | .8 | 270.6 | .57 |

| | 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 | 28.1 | 993.00 | 41.0 | .8 | 212.8 | .23 | 1.2 | 228.3 | .41 |
| 18:20 | 28.4 | 993.00 | 41.0 | 1.2 | 221.7 | -.12 | 1.3 | 224.6 | -.24 |
| 18:25 | 28.4 | 993.00 | 41.0 | 1.0 | 187.5 | -.17 | 1.0 | 198.2 | -.34 |
| 18:30 | 28.8 | 993.00 | 41.0 | 1.2 | 198.5 | .17 | 1.3 | 206.0 | .21 |
| 18:35 | 28.8 | 993.00 | 41.0 | .9 | 186.7 | -.18 | 1.0 | 190.5 | -.24 |
| 18:40 | 28.6 | 993.00 | 42.0 | 1.1 | 226.9 | -.43 | 1.5 | 230.4 | -.52 |
| 18:45 | 28.6 | 993.00 | 42.0 | .4 | 346.0 | -.15 | .6 | 286.9 | -.23 |
| 18:50 | 28.7 | 993.00 | 42.0 | .5 | 359.8 | -.04 | .4 | 10.0 | -.15 |
| 18:55 | 28.7 | 993.00 | 42.0 | .3 | 14.5 | -.27 | .3 | 33.8 | -.35 |
| 19:00 | 29.3 | 993.00 | 41.0 | .4 | 1.8 | -.33 | .6 | 3.2 | -.57 |
| 19:05 | 29.3 | 993.00 | 41.0 | 1.1 | 320.5 | -.08 | 1.2 | 310.2 | -.02 |
| 19:10 | 28.6 | 993.00 | 44.0 | .6 | 327.3 | .13 | .7 | 301.4 | .19 |
| 19:15 | 28.6 | 993.00 | 44.0 | .7 | 282.8 | -.14 | .9 | 259.3 | -.32 |
| 19:20 | 28.3 | 993.00 | 47.0 | .6 | 253.9 | -.12 | .9 | 257.5 | -.14 |
| 19:25 | 28.3 | 993.00 | 47.0 | .4 | 23.4 | -.27 | .2 | 228.9 | -.37 |
| 19:30 | 27.5 | 993.00 | 49.0 | .4 | 345.1 | .03 | .4 | 287.7 | -.03 |
| 19:35 | 27.5 | 993.00 | 49.0 | .6 | 316.6 | -.01 | .5 | 300.3 | .01 |
| 19:40 | 27.4 | 993.00 | 49.0 | .4 | 292.6 | -.01 | .4 | 275.7 | .03 |
| 19:45 | 27.4 | 993.00 | 49.0 | .3 | 339.6 | .01 | .3 | 334.0 | .01 |
| 19:50 | 27.3 | 993.00 | 51.0 | .2 | 120.2 | .00 | .2 | 172.5 | .03 |
| 19:55 | 27.3 | 993.00 | 51.0 | .4 | 115.4 | -.03 | .4 | 125.6 | -.02 |
| 20:00 | 25.7 | 992.00 | 56.0 | .4 | 122.1 | -.01 | .4 | 132.4 | .00 |
| 20:05 | 25.7 | 992.00 | 56.0 | .6 | 88.2 | -.02 | .5 | 96.0 | -.04 |
| 20:10 | 24.5 | 992.00 | 60.0 | .5 | 194.7 | -.12 | .4 | 99.1 | -.14 |
| 20:15 | 24.5 | 992.00 | 60.0 | .9 | 213.4 | .02 | .5 | 182.1 | -.01 |
| 20:20 | 23.8 | 993.00 | 65.0 | .6 | 181.6 | -.03 | .7 | 164.5 | -.02 |
| 20:25 | 23.8 | 993.00 | 65.0 | .4 | 247.1 | -.08 | .4 | 166.5 | -.06 |
| 20:30 | 23.0 | 993.00 | 68.0 | .4 | 275.0 | -.02 | .4 | 263.6 | -.05 |
| 20:35 | 23.0 | 993.00 | 68.0 | .3 | 256.5 | .00 | .5 | 239.0 | .00 |
| 20:40 | 22.3 | 993.00 | 70.0 | .2 | 132.4 | -.05 | .2 | 311.9 | -.05 |
| 20:45 | 22.3 | 993.00 | 70.0 | .3 | 150.6 | -.06 | .2 | 8.9 | -.07 |
| 20:50 | 21.6 | 993.00 | 72.0 | .4 | 178.8 | -.02 | .2 | 308.7 | -.04 |
| 20:55 | 21.6 | 993.00 | 72.0 | .4 | 177.4 | -.03 | .2 | 341.5 | -.05 |
| 21:00 | 21.1 | 993.00 | 74.0 | .3 | 91.2 | .02 | .3 | 23.4 | .00 |
| 21:05 | 21.1 | 993.00 | 74.0 | .5 | 14.9 | -.05 | .8 | 1.2 | -.07 |
| 21:10 | 20.7 | 993.00 | 77.0 | .5 | 7.0 | -.14 | 1.2 | 1.9 | -.16 |
| 21:15 | 20.7 | 993.00 | 77.0 | .5 | 351.6 | -.03 | 1.3 | .2 | -.04 |
| 21:20 | 20.2 | 993.00 | 80.0 | .8 | 259.5 | -.08 | .9 | 320.7 | -.11 |
| 21:25 | 20.2 | 993.00 | 80.0 | .5 | 218.1 | .04 | .6 | 355.9 | -.07 |
| 21:30 | 19.7 | 994.00 | 84.0 | .4 | 176.1 | -.03 | .5 | 10.5 | -.05 |
| 21:35 | 19.7 | 994.00 | 84.0 | .2 | 52.9 | -.01 | .6 | 31.4 | -.01 |
| 21:40 | 19.4 | 994.00 | 85.0 | .3 | 225.7 | .00 | .2 | 22.1 | -.02 |
| 21:45 | 19.4 | 994.00 | 85.0 | .4 | 231.0 | -.03 | .3 | 107.1 | -.02 |
| 21:50 | 19.1 | 994.00 | 85.0 | .4 | 215.6 | -.02 | .2 | 127.7 | -.03 |
| 21:55 | 19.1 | 994.00 | 85.0 | .3 | 212.8 | -.04 | .3 | 73.3 | -.07 |
| 22:00 | 18.9 | 994.00 | 87.0 | .3 | 182.6 | -.04 | .3 | 70.7 | -.03 |
| 22:05 | 18.9 | 994.00 | 87.0 | .2 | 137.6 | .00 | .2 | 13.8 | -.02 |
| 22:10 | 18.7 | 994.00 | 87.0 | .2 | 157.4 | .00 | .2 | 4.8 | -.01 |
| 22:15 | 18.7 | 994.00 | 87.0 | .2 | 163.0 | .00 | .2 | 13.2 | -.03 |
| 22:20 | 18.5 | 994.00 | 88.0 | .1 | 109.2 | .00 | .2 | 5.0 | -.02 |
| 22:25 | 18.5 | 994.00 | 88.0 | .2 | 155.5 | -.02 | .2 | 287.2 | -.03 |
| 22:30 | 18.2 | 994.00 | 89.0 | .3 | 173.7 | -.02 | .2 | 217.5 | -.04 |
| 22:35 | 18.2 | 994.00 | 89.0 | .5 | 171.5 | -.01 | .3 | 191.7 | -.03 |
| 22:40 | 18.0 | 994.00 | 90.0 | .3 | 143.8 | -.02 | .3 | 148.6 | -.03 |
| 22:45 | 18.0 | 994.00 | 90.0 | .3 | 146.3 | -.05 | .5 | 142.8 | -.03 |
| 22:50 | 17.8 | 994.00 | 90.0 | .3 | 193.4 | -.03 | .6 | 140.2 | -.08 |

| | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_VWS100m | 18_WS120m | 19_WD120m | 20_VWS120m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time | M/SEC | DEG | MPH | M/SEC | DEG | MPH | M/SEC | DEGC | MPH |
| 04:15 | | | | | | | | | |
| 04:20 | | | | | | | | | |
| 04:25 | 1.0 | 305.4 | .00 | 2.1 | 278.1 | .02 | 3.2 | 268.4 | .05 |
| 04:30 | .7 | 307.3 | -.01 | 1.8 | 274.7 | .02 | 2.4 | 266.9 | .05 |
| 04:35 | .6 | 277.2 | -.03 | 1.7 | 277.0 | .00 | 2.5 | 267.7 | .03 |
| 04:40 | .5 | 249.2 | -.02 | 1.4 | 271.4 | .00 | 2.1 | 269.2 | .04 |
| 04:45 | .7 | 256.8 | .00 | 1.4 | 273.9 | .03 | 2.2 | 274.7 | .05 |
| 04:50 | .4 | 248.2 | -.05 | .9 | 280.6 | -.03 | 1.6 | 283.3 | .00 |
| 04:55 | .4 | 198.8 | -.02 | .8 | 266.5 | .02 | 1.4 | 270.4 | .05 |
| 05:00 | .5 | 172.2 | -.02 | .5 | 246.5 | -.01 | 1.3 | 276.2 | .00 |
| 05:05 | 1.0 | 121.3 | -.03 | .4 | 152.4 | -.02 | .8 | 282.4 | .02 |
| 05:10 | 1.1 | 126.5 | .00 | .5 | 145.4 | .00 | .7 | 286.8 | .02 |
| 05:15 | .9 | 137.1 | .04 | .5 | 164.4 | .02 | .8 | 305.0 | .03 |
| 05:20 | .6 | 110.2 | .02 | .4 | 7.9 | .02 | .8 | 322.2 | .04 |
| 05:25 | .5 | 22.2 | -.04 | .8 | 345.0 | -.03 | 1.5 | 316.6 | .00 |
| 05:30 | .7 | 11.5 | .05 | .4 | 349.7 | -.03 | 1.3 | 303.7 | .00 |
| 05:35 | 1.0 | 32.3 | .18 | .5 | 38.6 | -.02 | | | .08 |
| 05:40 | 1.4 | 36.9 | .46 | | | | | | |
| 05:45 | | | .28 | | | | | | |
| 05:50 | | | .13 | | | | | | |
| 05:55 | | | | | | | | | |
| 06:00 | 1.0 | 142.7 | .18 | .4 | 202.3 | .12 | .8 | 287.2 | .10 |
| 06:05 | 1.2 | 140.9 | .02 | .4 | 179.2 | .00 | .9 | 284.7 | .03 |
| 06:10 | .9 | 143.4 | .02 | .4 | 244.2 | .00 | 1.3 | 289.1 | .01 |
| 06:15 | .5 | 125.3 | -.05 | .4 | 334.3 | -.04 | 1.5 | 301.2 | -.04 |
| 06:20 | .7 | 159.5 | -.01 | .2 | 277.5 | .00 | 1.2 | 299.5 | .01 |
| 06:25 | .7 | 151.3 | .07 | .3 | 93.0 | -.01 | 1.0 | 289.4 | .05 |
| 06:30 | .6 | 137.3 | .03 | .4 | 265.3 | .00 | 1.1 | 279.4 | .08 |
| 06:35 | .5 | 187.8 | .00 | .9 | 277.4 | .06 | 1.7 | 279.3 | .09 |
| 06:40 | .4 | 288.1 | .00 | 1.3 | 292.5 | .04 | 2.1 | 285.4 | .08 |
| 06:45 | 1.0 | 278.5 | -.04 | 1.8 | 287.3 | .02 | 2.6 | 288.0 | .06 |
| 06:50 | .7 | 270.5 | -.01 | 1.4 | 280.7 | .01 | 2.5 | 283.6 | .03 |
| 06:55 | .5 | 258.5 | .07 | 1.6 | 279.4 | .06 | 2.6 | 282.4 | .08 |
| 07:00 | | | .05 | | | .01 | | | .05 |
| 07:05 | | | .02 | | | .12 | | | -.16 |
| 07:10 | 1.2 | 283.1 | .05 | 2.2 | 291.0 | .07 | 2.6 | 285.3 | .08 |
| 07:15 | 1.2 | 274.6 | -.04 | 2.5 | 291.5 | -.08 | 3.1 | 281.0 | -.07 |
| 07:20 | .5 | 301.1 | .07 | 1.1 | 290.7 | .07 | 2.4 | 295.0 | .07 |
| 07:25 | .4 | 284.7 | .00 | 1.8 | 298.1 | -.01 | 2.7 | 296.2 | -.02 |
| 07:30 | .5 | 254.4 | .05 | 1.9 | 293.5 | .07 | 2.6 | 291.2 | .08 |
| 07:35 | .7 | 241.8 | .03 | 1.7 | 296.3 | .02 | 2.2 | 288.4 | .02 |
| 07:40 | .9 | 213.2 | .03 | 1.5 | 286.8 | .04 | 2.0 | 282.0 | .06 |
| 07:45 | .9 | 211.5 | .04 | 1.3 | 286.7 | .02 | 1.9 | 281.2 | .03 |
| 07:50 | 1.1 | 171.0 | -.01 | .7 | 279.4 | .02 | 1.8 | 281.1 | .02 |
| 07:55 | 1.4 | 151.3 | .01 | .5 | 202.3 | -.01 | .9 | 283.7 | -.03 |
| 08:00 | 1.3 | 140.7 | -.01 | .7 | 164.2 | .01 | .8 | 276.8 | .05 |
| 08:05 | 1.0 | 145.5 | -.04 | .4 | 185.6 | -.01 | 1.0 | 280.0 | .02 |
| 08:10 | 1.1 | 133.7 | -.03 | .5 | 130.4 | .00 | .9 | 303.7 | .03 |
| 08:15 | .9 | 101.6 | -.04 | .8 | 102.0 | .00 | .4 | 337.9 | .02 |
| 08:20 | .9 | 62.3 | .04 | .8 | 100.2 | .06 | .4 | 28.1 | .07 |
| 08:25 | .8 | 86.9 | .01 | .8 | 99.6 | -.01 | .5 | 9.4 | .01 |
| 08:30 | 1.1 | 106.0 | .02 | 1.1 | 100.3 | .03 | .6 | 53.4 | .04 |
| 08:35 | .9 | 97.6 | -.06 | 1.1 | 88.3 | -.01 | 1.1 | 65.9 | .04 |
| 08:40 | .5 | 55.5 | .01 | 1.0 | 80.1 | .00 | 1.0 | 56.8 | .01 |
| 08:45 | .3 | 141.9 | -.10 | .9 | 102.9 | .00 | .9 | 81.3 | -.01 |
| 08:50 | .5 | 46.0 | -.04 | 1.4 | 91.6 | -.02 | 1.7 | 88.4 | -.03 |

| | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_VWS100m | 18_WS120m | 19_WD120m | 20_VWS120m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time | M/SEC | DEG | MPH | M/SEC | DEG | MPH | M/SEC | DEGC | MPH |
| 08:55 | .8 | 94.9 | -21 | 1.8 | 91.8 | -12 | 2.1 | 87.3 | -.03 |
| 09:00 | .5 | 84.9 | -26 | 1.7 | 89.0 | -22 | 1.9 | 82.7 | -.13 |
| 09:05 | 1.0 | 53.3 | -.09 | 1.6 | 75.1 | -.10 | 1.8 | 73.8 | -.12 |
| 09:10 | .6 | 71.5 | -.08 | .9 | 72.9 | .02 | 1.4 | 82.9 | .00 |
| 09:15 | .6 | 40.9 | -.17 | .8 | 54.2 | -.17 | 1.3 | 66.6 | -.18 |
| 09:20 | .5 | 215.8 | -.10 | .5 | 248.6 | -.09 | .5 | 262.3 | -.02 |
| 09:25 | 1.2 | 103.4 | -.47 | 1.3 | 96.6 | -.48 | 1.4 | 89.8 | -.41 |
| 09:30 | 1.3 | 160.2 | -.50 | 1.4 | 161.2 | -.52 | 1.4 | 162.8 | -.35 |
| 09:35 | .8 | 151.0 | .20 | .7 | 149.2 | .21 | .7 | 152.7 | .33 |
| 09:40 | 1.6 | 218.2 | -.04 | 1.8 | 215.6 | -.16 | 1.7 | 213.4 | -.28 |
| 09:45 | 1.0 | 213.0 | .02 | 1.2 | 199.2 | .16 | 1.5 | 192.3 | .03 |
| 09:50 | 1.4 | 252.9 | .20 | 1.6 | 248.8 | .24 | 1.8 | 244.5 | .28 |
| 09:55 | 1.5 | 243.5 | -.53 | 1.5 | 246.0 | -.35 | 1.5 | 237.5 | -.19 |
| 10:00 | 2.1 | 296.6 | -.59 | 1.9 | 279.4 | -.33 | 1.8 | 256.5 | -.10 |
| 10:05 | 1.2 | 274.8 | -.67 | 1.2 | 251.8 | -.63 | 1.3 | 225.0 | -.65 |
| 10:10 | 2.0 | 233.5 | -.23 | 2.1 | 248.4 | -.17 | 2.4 | 257.7 | -.11 |
| 10:15 | 1.8 | 232.7 | .65 | 1.7 | 231.3 | .80 | 1.9 | 226.7 | .92 |
| 10:20 | .9 | 211.1 | .77 | 1.2 | 217.1 | .81 | 1.2 | 218.8 | .81 |
| 10:25 | 1.1 | 159.8 | .70 | .7 | 199.9 | .89 | .9 | 230.4 | 1.01 |
| 10:30 | 1.1 | 32.6 | -.49 | 1.2 | 21.1 | -.14 | .8 | 78.8 | .28 |
| 10:35 | 1.1 | 4.5 | -.46 | .6 | 52.2 | .01 | .9 | 202.9 | .45 |
| 10:40 | 1.8 | 185.0 | -1.01 | 2.1 | 203.3 | -.94 | 2.3 | 224.1 | -.85 |
| 10:45 | 1.4 | 240.7 | -.74 | 1.3 | 230.7 | -.69 | 1.3 | 221.4 | -.56 |
| 10:50 | 1.5 | 42.2 | -1.37 | 1.6 | 40.9 | -1.47 | 1.7 | 37.8 | -1.61 |
| 10:55 | 1.7 | 273.7 | -.17 | 1.8 | 280.7 | -.37 | 1.8 | 285.9 | -.63 |
| 11:00 | 1.6 | 278.4 | -.80 | 1.9 | 255.6 | -.88 | 1.9 | 241.2 | -1.05 |
| 11:05 | 1.5 | 219.6 | .51 | 1.4 | 224.2 | .69 | 1.4 | 224.0 | .87 |
| 11:10 | .7 | 25.8 | .02 | .5 | 358.8 | -.14 | .8 | 39.7 | -.16 |
| 11:15 | .8 | 283.0 | -.56 | 1.0 | 227.0 | -.52 | 1.1 | 216.9 | -.59 |
| 11:20 | 1.1 | 240.9 | -.95 | 1.3 | 261.4 | -.69 | 1.5 | 248.6 | -.61 |
| 11:25 | 1.8 | 189.3 | .34 | 2.1 | 194.5 | .38 | 2.2 | 195.7 | .41 |
| 11:30 | 1.2 | 145.9 | -.25 | 1.3 | 140.7 | -.21 | 1.3 | 150.6 | -.15 |
| 11:35 | 2.3 | 155.0 | .16 | 2.5 | 150.6 | .23 | 2.8 | 148.4 | .28 |
| 11:40 | 2.7 | 166.5 | -.23 | 2.9 | 169.0 | -.05 | 2.9 | 172.4 | -.01 |
| 11:45 | 2.2 | 172.8 | .61 | 2.2 | 174.8 | .81 | 2.2 | 176.1 | .86 |
| 11:50 | 2.0 | 197.8 | .74 | 2.0 | 201.3 | .86 | 2.2 | 199.6 | .87 |
| 11:55 | 1.4 | 115.4 | .29 | 1.4 | 109.6 | .39 | 1.4 | 124.3 | .37 |
| 12:00 | 2.0 | 124.3 | .31 | 1.9 | 126.8 | .56 | 1.9 | 130.2 | .83 |
| 12:05 | 1.5 | 106.1 | -.07 | 2.0 | 103.3 | .21 | 2.2 | 104.9 | .61 |
| 12:10 | .8 | 128.9 | -.35 | 1.2 | 189.5 | -.39 | 1.6 | 192.3 | -.27 |
| 12:15 | 2.0 | 187.4 | -.16 | 2.1 | 184.5 | .00 | 2.3 | 185.0 | .10 |
| 12:20 | 1.7 | 149.9 | .46 | 1.8 | 139.7 | .54 | 1.9 | 125.6 | .67 |
| 12:25 | 2.4 | 152.4 | .07 | 2.6 | 150.2 | .16 | 2.4 | 143.7 | .20 |
| 12:30 | 2.3 | 171.0 | .29 | 2.2 | 166.4 | .41 | 2.0 | 167.4 | .47 |
| 12:35 | 2.0 | 237.2 | -.20 | 2.0 | 235.9 | -.20 | 1.8 | 235.3 | -.15 |
| 12:40 | 1.8 | 217.8 | -.62 | 1.9 | 213.4 | -.57 | 2.0 | 208.9 | -.58 |
| 12:45 | 2.2 | 166.4 | .00 | 2.0 | 164.8 | .05 | 2.0 | 165.7 | .16 |
| 12:50 | 1.0 | 132.7 | .40 | .9 | 134.7 | .35 | 1.0 | 133.0 | .42 |
| 12:55 | 1.3 | 71.9 | .39 | 1.0 | 68.3 | .28 | 1.0 | 88.0 | .06 |
| 13:00 | 2.7 | 296.1 | -.70 | 2.6 | 303.1 | -.73 | 2.5 | 311.9 | -.58 |
| 13:05 | 1.9 | 277.8 | .56 | 2.1 | 276.2 | .46 | 2.0 | 269.9 | .32 |
| 13:10 | 2.0 | 223.9 | .37 | 2.0 | 230.9 | .41 | 2.1 | 235.4 | .65 |
| 13:15 | 1.4 | 190.5 | .34 | 1.4 | 193.5 | .54 | 1.6 | 194.6 | .76 |
| 13:20 | 1.5 | 115.2 | -.08 | 1.3 | 85.2 | .00 | 1.4 | 78.5 | -.05 |
| 13:25 | .9 | 164.3 | -1.20 | .9 | 127.2 | -1.23 | 1.2 | 103.5 | -1.36 |
| 13:30 | 2.1 | 167.8 | -.76 | 1.8 | 172.4 | -.83 | 1.6 | 205.4 | -.91 |

| | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_VWS100m | 18_WS120m | 19_WD120m | 20_VWS120m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time | M/SEC | DEG | MPH | M/SEC | DEG | MPH | M/SEC | DEGC | MPH |
| 13:35 | 2.0 | 171.2 | -.64 | 2.3 | 177.2 | -.65 | 2.4 | 177.8 | -.58 |
| 13:40 | 2.4 | 153.6 | -.66 | 2.6 | 150.2 | -.33 | 2.9 | 141.9 | .10 |
| 13:45 | 1.7 | 178.3 | .37 | 1.8 | 171.1 | .42 | 1.7 | 161.8 | .57 |
| 13:50 | 1.4 | 263.7 | -.87 | 1.6 | 258.4 | -.91 | 1.5 | 261.5 | -1.03 |
| 13:55 | .9 | 225.8 | -.83 | .8 | 14.2 | -1.07 | 1.3 | 52.2 | -1.28 |
| 14:00 | 1.7 | 181.6 | -.76 | 1.5 | 186.9 | -.64 | 1.7 | 193.8 | -.48 |
| 14:05 | 1.3 | 192.7 | -.70 | 1.3 | 212.2 | -.88 | 1.3 | 221.1 | -1.01 |
| 14:10 | 2.2 | 277.5 | -.11 | 2.3 | 278.1 | -.21 | 2.2 | 274.6 | -.25 |
| 14:15 | 1.9 | 266.0 | -.65 | 2.1 | 256.4 | -.74 | 1.9 | 242.8 | -.67 |
| 14:20 | 1.9 | 203.1 | -1.07 | 2.2 | 214.5 | -1.02 | 2.3 | 211.1 | -1.04 |
| 14:25 | 2.2 | 262.0 | -.35 | 2.4 | 262.6 | -.42 | 2.3 | 260.7 | -.51 |
| 14:30 | 2.9 | 254.7 | -.53 | 2.9 | 256.5 | -.57 | 3.1 | 257.9 | -.50 |
| 14:35 | 2.8 | 249.2 | .16 | 2.9 | 250.9 | .18 | 2.9 | 248.5 | .20 |
| 14:40 | 2.2 | 272.4 | -.29 | 2.1 | 267.5 | .05 | 1.5 | 256.3 | .12 |
| 14:45 | 1.0 | 295.1 | 1.26 | 1.1 | 301.7 | 1.46 | 1.3 | 295.1 | 1.48 |
| 14:50 | 1.2 | 279.9 | -.64 | 1.4 | 278.4 | -.55 | 1.6 | 274.9 | -.48 |
| 14:55 | 3.2 | 272.4 | .26 | 3.2 | 274.1 | .28 | 3.1 | 277.1 | .29 |
| 15:00 | 2.3 | 234.0 | -.11 | 2.2 | 226.8 | -.21 | 2.0 | 222.8 | -.25 |
| 15:05 | 2.4 | 240.6 | .38 | 2.6 | 243.8 | .46 | 2.8 | 242.7 | .65 |
| 15:10 | 2.9 | 255.1 | -.01 | 3.0 | 256.7 | -.02 | 3.1 | 256.8 | .04 |
| 15:15 | 3.2 | 262.6 | -.41 | 3.4 | 266.4 | -.25 | 3.4 | 273.4 | -.22 |
| 15:20 | 1.5 | 260.1 | -.30 | 1.7 | 275.5 | -.12 | 1.8 | 282.4 | -.05 |
| 15:25 | 1.9 | 282.6 | -1.11 | 2.3 | 287.0 | -.92 | 2.4 | 289.5 | -.86 |
| 15:30 | 2.3 | 252.4 | -.59 | 2.8 | 253.4 | -.54 | 3.0 | 257.7 | -.56 |
| 15:35 | 2.6 | 248.0 | -.67 | 2.9 | 248.2 | -.64 | 3.0 | 247.6 | -.73 |
| 15:40 | 2.2 | 215.2 | 1.12 | 2.1 | 217.1 | 1.24 | 2.0 | 220.2 | 1.34 |
| 15:45 | .9 | 197.9 | -.40 | 1.1 | 167.8 | -.25 | 1.4 | 159.6 | -.17 |
| 15:50 | 2.6 | 257.0 | -.28 | 2.5 | 254.6 | -.23 | 2.5 | 253.9 | -.19 |
| 15:55 | 2.2 | 233.9 | -.23 | 2.4 | 240.4 | -.21 | 2.5 | 239.7 | -.12 |
| 16:00 | 1.5 | 212.5 | .29 | 1.6 | 218.7 | .25 | 1.6 | 217.5 | .20 |
| 16:05 | 2.4 | 209.7 | .12 | 2.3 | 204.1 | .15 | 2.3 | 190.0 | .20 |
| 16:10 | 1.1 | 253.7 | .82 | 1.0 | 246.0 | .80 | 1.0 | 238.6 | .74 |
| 16:15 | 1.4 | 183.5 | .05 | 1.5 | 178.7 | -.09 | 1.3 | 181.0 | -.20 |
| 16:20 | 1.6 | 214.4 | .98 | 1.6 | 216.8 | .85 | 1.5 | 227.1 | .74 |
| 16:25 | 1.9 | 286.9 | -1.11 | 1.9 | 288.6 | -1.24 | 1.9 | 273.5 | -1.02 |
| 16:30 | 2.6 | 264.2 | -.89 | 3.1 | 261.7 | -1.04 | 3.0 | 262.1 | -1.15 |
| 16:35 | 2.7 | 276.1 | -.61 | 2.6 | 279.1 | -.67 | 2.5 | 282.6 | -.86 |
| 16:40 | 1.4 | 344.2 | .15 | 1.4 | 341.7 | .17 | 1.3 | 337.3 | .08 |
| 16:45 | 2.0 | 266.2 | .31 | 2.2 | 272.6 | .37 | 2.3 | 271.2 | .41 |
| 16:50 | 1.1 | 260.6 | .53 | 1.1 | 252.5 | .69 | 1.1 | 238.3 | .70 |
| 16:55 | 1.8 | 291.8 | .02 | 1.3 | 271.8 | .03 | 1.3 | 240.7 | .35 |
| 17:00 | 2.0 | 295.5 | -.18 | 2.4 | 296.6 | -.05 | 2.3 | 305.2 | .06 |
| 17:05 | 1.5 | 273.6 | .97 | 1.7 | 274.3 | 1.07 | 1.8 | 271.1 | 1.07 |
| 17:10 | 2.9 | 328.4 | 1.02 | 3.1 | 325.5 | 1.14 | 3.0 | 317.1 | 1.14 |
| 17:15 | 2.0 | 219.4 | -.75 | 2.2 | 223.1 | -.79 | 2.4 | 230.2 | -.76 |
| 17:20 | 1.6 | 180.6 | .32 | 1.6 | 172.8 | .37 | 1.8 | 172.6 | .51 |
| 17:25 | 1.1 | 209.9 | -1.11 | 1.4 | 202.9 | -1.22 | 1.4 | 198.9 | -1.26 |
| 17:30 | 1.7 | 232.9 | -1.32 | 1.9 | 224.9 | -1.47 | 2.1 | 238.1 | -1.45 |
| 17:35 | 2.0 | 242.0 | -1.09 | 2.2 | 243.4 | -1.16 | 2.1 | 250.0 | -1.17 |
| 17:40 | 1.5 | 211.6 | -.27 | 1.4 | 207.4 | -.24 | 1.3 | 222.8 | -.24 |
| 17:45 | 2.0 | 164.2 | -.21 | 1.9 | 167.2 | -.23 | 1.6 | 177.6 | -.27 |
| 17:50 | 1.5 | 194.3 | -.23 | 1.7 | 192.2 | -.12 | 1.8 | 192.1 | -.04 |
| 17:55 | 1.9 | 207.6 | .05 | 1.8 | 202.6 | .20 | 1.5 | 199.9 | .20 |
| 18:00 | 1.2 | 212.2 | .44 | 1.2 | 217.2 | .52 | 1.1 | 218.7 | .52 |
| 18:05 | 1.2 | 270.6 | -.13 | 1.5 | 276.9 | -.06 | 1.5 | 265.5 | .02 |
| 18:10 | 1.0 | 234.9 | .74 | 1.0 | 218.7 | .75 | 1.1 | 213.5 | .85 |

| | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_VWS100m | 18_WS120m | 19_WD120m | 20_VWS120m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time | M/SEC | DEG | MPH | M/SEC | DEG | MPH | M/SEC | DEGC | MPH |
| 18:15 | 1.3 | 223.6 | .57 | 1.1 | 224.3 | .49 | .9 | 226.5 | .29 |
| 18:20 | 1.5 | 217.8 | -.37 | 1.6 | 211.8 | -.47 | 1.7 | 203.9 | -.44 |
| 18:25 | 1.0 | 196.1 | -.33 | 1.2 | 204.4 | -.33 | 1.3 | 197.6 | -.38 |
| 18:30 | 1.3 | 211.3 | .36 | 1.4 | 211.0 | .46 | 1.3 | 209.4 | .53 |
| 18:35 | 1.0 | 181.3 | -.23 | 1.1 | 168.7 | -.03 | 1.3 | 161.7 | .12 |
| 18:40 | 1.6 | 226.6 | -.54 | 1.8 | 217.9 | -.56 | 1.8 | 206.7 | -.60 |
| 18:45 | .7 | 286.0 | -.42 | .6 | 288.4 | -.48 | .5 | 340.2 | -.51 |
| 18:50 | .5 | 15.8 | -.36 | .5 | 13.9 | -.50 | .5 | 77.0 | -.65 |
| 18:55 | .4 | 70.4 | -.46 | .5 | 74.6 | -.64 | .5 | 84.8 | -.72 |
| 19:00 | .8 | 349.5 | -.72 | .8 | 326.4 | -.78 | .8 | 328.2 | -.99 |
| 19:05 | 1.3 | 301.2 | .04 | 1.4 | 297.8 | .16 | 1.7 | 295.6 | .24 |
| 19:10 | .9 | 286.8 | .23 | .8 | 297.6 | .25 | .8 | 311.6 | .24 |
| 19:15 | 1.2 | 257.9 | -.45 | 1.3 | 261.1 | -.45 | 1.4 | 263.7 | -.49 |
| 19:20 | 1.1 | 259.3 | -.14 | 1.2 | 265.2 | -.16 | 1.3 | 265.0 | -.24 |
| 19:25 | .4 | 215.2 | -.58 | .4 | 203.3 | -.56 | .4 | 249.5 | -.53 |
| 19:30 | .6 | 282.2 | -.15 | .8 | 288.8 | -.19 | .9 | 293.3 | -.28 |
| 19:35 | .6 | 308.2 | -.03 | .6 | 307.4 | -.04 | .7 | 311.0 | .04 |
| 19:40 | .4 | 276.4 | .03 | .4 | 281.8 | .07 | .5 | 290.9 | .08 |
| 19:45 | .3 | 341.3 | -.03 | .3 | 319.9 | .00 | .2 | 304.0 | .08 |
| 19:50 | .2 | 215.9 | .07 | .2 | 162.2 | .05 | .3 | 182.7 | .07 |
| 19:55 | .4 | 137.0 | .00 | .4 | 147.0 | .07 | .4 | 150.9 | .12 |
| 20:00 | .3 | 126.6 | .02 | .4 | 113.5 | .06 | .5 | 108.8 | .09 |
| 20:05 | .5 | 105.3 | -.03 | .6 | 104.5 | .01 | .6 | 100.7 | .07 |
| 20:10 | .5 | 97.7 | -.16 | .6 | 97.6 | -.13 | .6 | 96.6 | -.12 |
| 20:15 | .5 | 157.2 | -.06 | .4 | 134.4 | -.09 | .4 | 124.5 | -.12 |
| 20:20 | .5 | 166.9 | -.05 | .4 | 170.4 | -.04 | .4 | 168.6 | -.04 |
| 20:25 | .3 | 162.3 | -.02 | .3 | 170.4 | .03 | .2 | 177.8 | .03 |
| 20:30 | .2 | 247.0 | -.04 | .2 | 267.4 | -.02 | .3 | 266.9 | .03 |
| 20:35 | .4 | 294.6 | -.06 | .5 | 313.7 | -.04 | .4 | 300.3 | -.02 |
| 20:40 | .7 | 343.1 | -.01 | .6 | 349.0 | .03 | .5 | 340.3 | .04 |
| 20:45 | .4 | 353.4 | -.09 | .4 | 334.5 | -.01 | .2 | 344.9 | .02 |
| 20:50 | .5 | 324.7 | .00 | .4 | 319.8 | .05 | .3 | 323.6 | .05 |
| 20:55 | .6 | 314.7 | -.07 | .8 | 300.0 | -.03 | .6 | 294.1 | -.02 |
| 21:00 | .5 | 309.3 | -.01 | .7 | 302.9 | .02 | .6 | 297.9 | .04 |
| 21:05 | .6 | 334.5 | -.03 | .7 | 321.6 | .05 | .6 | 321.6 | .06 |
| 21:10 | .9 | 351.7 | -.09 | .7 | 326.5 | -.01 | .7 | 332.8 | .02 |
| 21:15 | 1.3 | 354.1 | -.02 | 1.0 | 345.4 | -.01 | .9 | 344.3 | .00 |
| 21:20 | 1.1 | 321.7 | -.10 | 1.1 | 320.4 | -.03 | 1.2 | 331.3 | .01 |
| 21:25 | 1.1 | 347.7 | -.07 | 1.3 | 325.3 | -.03 | 1.5 | 329.1 | .01 |
| 21:30 | .9 | 357.4 | -.03 | 1.3 | 334.6 | -.05 | 1.6 | 339.2 | -.06 |
| 21:35 | 1.0 | 35.7 | -.05 | 1.2 | 354.4 | -.05 | 1.5 | 351.6 | -.04 |
| 21:40 | .6 | 54.8 | -.02 | .8 | 348.4 | .00 | 1.2 | 336.7 | -.02 |
| 21:45 | .4 | 47.0 | -.03 | .7 | 350.8 | .00 | 1.2 | 332.3 | .01 |
| 21:50 | .3 | 39.3 | -.03 | .7 | 354.1 | -.02 | 1.3 | 327.2 | -.02 |
| 21:55 | .5 | 37.2 | -.08 | .6 | 14.2 | -.04 | 1.1 | 335.2 | -.03 |
| 22:00 | .6 | 34.2 | -.06 | .8 | 19.1 | -.04 | 1.0 | 354.8 | -.04 |
| 22:05 | .5 | 44.2 | -.04 | .8 | 27.7 | -.02 | 1.1 | 11.6 | .01 |
| 22:10 | .5 | 58.1 | -.01 | .9 | 36.9 | .02 | .9 | 10.6 | .06 |
| 22:15 | .7 | 39.0 | -.06 | 1.2 | 29.0 | -.04 | .9 | 353.0 | .01 |
| 22:20 | .7 | 42.2 | -.03 | 1.2 | 25.8 | -.01 | 1.0 | 349.5 | .03 |
| 22:25 | .4 | 55.8 | -.04 | 1.0 | 27.8 | -.02 | 1.0 | 349.4 | .01 |
| 22:30 | .4 | 86.5 | -.04 | .8 | 33.6 | .00 | .8 | 351.0 | .03 |
| 22:35 | .3 | 109.2 | -.04 | .7 | 51.8 | .00 | .7 | 4.3 | .03 |
| 22:40 | .2 | 109.2 | -.01 | .6 | 54.6 | .00 | .8 | 2.3 | .03 |
| 22:45 | .4 | 131.7 | -.01 | .5 | 73.0 | -.01 | .6 | 2.6 | .00 |
| 22:50 | .7 | 134.0 | -.05 | .5 | 72.1 | -.02 | .6 | 19.7 | .00 |

| | 21_WS140m | 22_WD140m | 23_VWS140m | 24_WS160m | 25_WD160m | 26_VWS160m | 27_WS180m | 28_WD180m | 29_VWS180m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time | M/SEC | DEGC | MPH | M/SEC | DEGC | MPH | M/SEC | DEGC | MPH |
| 04:15 | | | | | | | | | |
| 04:20 | | | | | | | | | |
| 04:25 | 4.0 | 261.0 | .05 | 4.1 | 258.3 | .07 | 5.6 | 258.7 | .08 |
| 04:30 | 3.2 | 266.8 | .04 | 3.8 | 260.7 | .06 | 4.7 | 256.3 | .05 |
| 04:35 | 3.1 | 267.0 | .06 | 3.8 | 265.0 | .05 | 4.6 | 260.5 | .04 |
| 04:40 | 2.9 | 266.8 | .08 | 3.4 | 263.1 | .06 | 4.1 | 258.8 | .10 |
| 04:45 | 2.8 | 274.5 | .08 | 3.5 | 267.7 | .07 | 3.8 | 265.3 | .08 |
| 04:50 | 2.4 | 283.1 | .05 | 2.9 | 279.7 | .06 | 3.4 | 272.1 | .05 |
| 04:55 | 2.0 | 274.4 | .06 | 2.8 | 271.3 | .07 | 3.6 | 269.2 | .07 |
| 05:00 | 2.1 | 278.7 | .02 | 2.9 | 274.6 | .00 | 3.7 | 265.9 | -.01 |
| 05:05 | 1.6 | 284.9 | .01 | 2.5 | 278.4 | .01 | 3.1 | 270.0 | .01 |
| 05:10 | 1.4 | 290.6 | .02 | 2.1 | 279.5 | .01 | 2.9 | 270.7 | .03 |
| 05:15 | 1.4 | 299.8 | .06 | 2.2 | 289.2 | .07 | 3.0 | 279.2 | .08 |
| 05:20 | 1.7 | 296.5 | .04 | 2.6 | 282.1 | .06 | 3.3 | 272.5 | .09 |
| 05:25 | 2.1 | 294.5 | .04 | 2.8 | 280.7 | .08 | 3.4 | 271.1 | .10 |
| 05:30 | 2.3 | 291.7 | -.02 | 2.7 | 290.3 | -.02 | 2.2 | 279.7 | .00 |
| 05:35 | | | .07 | | | .17 | | | .43 |
| 05:40 | | | | | | | | | |
| 05:45 | | | | | | | | | |
| 05:50 | | | | | | | | | |
| 05:55 | | | | | | | | | |
| 06:00 | 2.0 | 285.0 | .17 | 2.5 | 276.8 | .11 | 3.0 | 269.7 | .12 |
| 06:05 | 2.0 | 281.7 | .04 | 2.6 | 273.8 | .05 | 2.9 | 262.6 | .05 |
| 06:10 | 2.3 | 279.2 | .02 | 3.0 | 270.4 | .02 | 3.5 | 262.7 | .04 |
| 06:15 | 2.4 | 284.9 | -.02 | 3.0 | 274.5 | -.01 | 3.2 | 265.2 | -.01 |
| 06:20 | 2.3 | 282.5 | .02 | 3.0 | 271.8 | .06 | 3.3 | 264.9 | .05 |
| 06:25 | 1.8 | 279.7 | -.04 | 2.7 | 272.6 | .04 | 3.2 | 261.8 | .05 |
| 06:30 | 2.1 | 275.7 | .08 | 2.7 | 267.9 | .02 | 3.2 | 259.6 | .08 |
| 06:35 | 2.3 | 273.6 | .13 | 2.8 | 260.5 | .13 | 3.3 | 256.6 | .14 |
| 06:40 | 2.5 | 277.5 | .09 | 3.0 | 269.1 | .11 | 3.4 | 260.7 | .12 |
| 06:45 | 3.0 | 278.1 | .06 | 3.3 | 264.5 | .08 | | | .08 |
| 06:50 | 3.0 | 280.1 | .05 | 3.6 | 269.9 | .07 | 4.1 | 263.2 | .05 |
| 06:55 | 3.1 | 284.0 | .07 | 3.6 | 274.1 | .09 | 3.7 | 259.8 | .09 |
| 07:00 | | | .04 | | | .07 | | | .01 |
| 07:05 | | | | | | | | | |
| 07:10 | 3.0 | 277.0 | .10 | 3.4 | 266.7 | .11 | 3.8 | 261.1 | .12 |
| 07:15 | 3.4 | 272.3 | -.06 | 3.7 | 269.9 | -.05 | 4.2 | 261.2 | -.01 |
| 07:20 | 2.7 | 286.6 | .07 | 2.9 | 275.3 | .08 | 3.2 | 267.4 | .10 |
| 07:25 | 2.9 | 284.0 | .02 | 3.4 | 274.4 | .01 | 3.9 | 266.0 | .04 |
| 07:30 | 2.8 | 278.8 | .11 | 3.4 | 268.0 | .13 | 3.8 | 260.8 | .14 |
| 07:35 | 2.8 | 274.5 | .05 | 3.2 | 262.7 | .07 | 3.8 | 255.9 | .07 |
| 07:40 | 2.4 | 267.1 | .07 | 2.8 | 257.7 | .09 | 3.3 | 252.7 | .07 |
| 07:45 | 2.2 | 263.2 | .04 | 2.8 | 259.9 | .05 | 3.4 | 251.1 | .07 |
| 07:50 | 2.0 | 269.5 | .03 | 2.7 | 259.0 | .03 | 3.0 | 254.8 | .03 |
| 07:55 | 1.5 | 267.0 | -.01 | 1.8 | 258.2 | .01 | 2.3 | 253.8 | .02 |
| 08:00 | 1.2 | 267.0 | .06 | 1.7 | 259.4 | .06 | 2.4 | 248.3 | .09 |
| 08:05 | 1.5 | 277.4 | .04 | 1.9 | 266.3 | .06 | 2.4 | 256.2 | .05 |
| 08:10 | 1.3 | 287.2 | .00 | 1.5 | 274.2 | .01 | 1.9 | 255.2 | .03 |
| 08:15 | 1.0 | 302.3 | .03 | 1.1 | 284.1 | .03 | 1.7 | 270.9 | .04 |
| 08:20 | .8 | 315.2 | .07 | .9 | 287.1 | .07 | 1.5 | 261.6 | .05 |
| 08:25 | .9 | 312.3 | .01 | 1.0 | 299.1 | .03 | 1.3 | 258.3 | .04 |
| 08:30 | .6 | 324.5 | .06 | .7 | 300.4 | .05 | 1.1 | 259.8 | .03 |
| 08:35 | .9 | 26.1 | .04 | .7 | 346.9 | .03 | .6 | 255.6 | .05 |
| 08:40 | .9 | 42.9 | .01 | .7 | 9.9 | .02 | .6 | 276.0 | .03 |
| 08:45 | .8 | 45.9 | .01 | .6 | 26.3 | .00 | .4 | 325.6 | .00 |
| 08:50 | 1.3 | 76.6 | -.06 | 1.1 | 54.7 | -.06 | .7 | 55.9 | -.03 |

| | 21_WS140m | 22_WD140m | 23_VWS140m | 24_WS160m | 25_WD160m | 26_VWS160m | 27_WS180m | 28_WD180m | 29_VWS180m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time | M/SEC | DEGC | MPH | M/SEC | DEGC | MPH | M/SEC | DEGC | MPH |
| 08:55 | 1.7 | 77.9 | -.01 | 1.2 | 59.3 | -.01 | .6 | 53.8 | -.01 |
| 09:00 | 1.6 | 73.7 | -.10 | 1.1 | 56.7 | -.06 | .8 | 40.3 | -.04 |
| 09:05 | 1.7 | 67.3 | -.16 | 1.4 | 52.3 | -.19 | 1.1 | 47.5 | -.19 |
| 09:10 | 1.3 | 67.9 | .02 | 1.0 | 43.5 | -.01 | .9 | 50.4 | -.01 |
| 09:15 | 1.3 | 66.4 | -.06 | 1.2 | 56.3 | .00 | 1.0 | 39.8 | -.02 |
| 09:20 | .5 | 116.6 | -.04 | .5 | 83.4 | -.02 | .7 | 71.4 | .02 |
| 09:25 | 1.5 | 86.7 | -.25 | 1.0 | 82.8 | -.05 | .8 | 80.5 | .08 |
| 09:30 | 1.3 | 146.3 | -.20 | 1.2 | 135.2 | -.25 | 1.2 | 140.5 | -.17 |
| 09:35 | .7 | 186.9 | .49 | .8 | 212.8 | .44 | .8 | 217.7 | .44 |
| 09:40 | 1.4 | 204.2 | -.26 | 1.1 | 198.6 | -.24 | .8 | 194.0 | -.11 |
| 09:45 | 1.5 | 194.3 | -.01 | 1.5 | 206.2 | .08 | 1.8 | 212.8 | .00 |
| 09:50 | 2.0 | 240.4 | .31 | 2.0 | 235.8 | .40 | 2.0 | 227.5 | .44 |
| 09:55 | 1.2 | 235.5 | .06 | 1.2 | 258.5 | .14 | 1.2 | 237.8 | .16 |
| 10:00 | 1.7 | 240.4 | .05 | 1.9 | 226.0 | .11 | 1.8 | 213.2 | .13 |
| 10:05 | 1.2 | 207.4 | -.58 | 1.1 | 211.4 | -.49 | 1.2 | 227.4 | -.36 |
| 10:10 | 2.5 | 259.3 | .01 | 2.7 | 257.1 | .04 | 2.7 | 254.2 | .05 |
| 10:15 | 1.8 | 224.1 | .97 | 1.6 | 224.9 | 1.07 | 1.4 | 225.0 | 1.12 |
| 10:20 | 1.0 | 228.6 | .72 | .8 | 240.2 | .68 | .8 | 243.4 | .66 |
| 10:25 | 1.0 | 230.3 | 1.05 | 1.0 | 232.8 | 1.06 | .9 | 239.7 | 1.15 |
| 10:30 | .7 | 131.2 | .54 | .8 | 123.9 | .75 | .9 | 131.7 | .92 |
| 10:35 | .8 | 226.8 | .74 | .9 | 238.2 | .71 | .8 | 229.8 | .64 |
| 10:40 | 2.6 | 230.1 | -.69 | 2.4 | 232.8 | -.34 | 1.9 | 224.3 | .01 |
| 10:45 | 1.3 | 214.4 | -.45 | 1.3 | 204.3 | -.26 | 1.5 | 188.1 | -.22 |
| 10:50 | 1.8 | 34.1 | -1.62 | 1.3 | 28.8 | -1.43 | 1.2 | 24.5 | -1.33 |
| 10:55 | 1.4 | 300.6 | -.75 | 1.3 | 317.4 | -.85 | 1.3 | 324.5 | -.98 |
| 11:00 | 2.0 | 241.6 | -.91 | 2.1 | 243.5 | -.53 | 2.2 | 249.2 | -.05 |
| 11:05 | 1.5 | 231.0 | 1.05 | 1.4 | 241.9 | 1.11 | 1.6 | 237.7 | 1.10 |
| 11:10 | .9 | 60.1 | -.01 | 1.0 | 85.2 | .07 | 1.0 | 80.5 | .08 |
| 11:15 | 1.4 | 215.0 | -.77 | 1.5 | 214.4 | -.91 | 1.6 | 212.8 | -.88 |
| 11:20 | 1.5 | 230.7 | -.62 | 1.4 | 222.5 | -.46 | 1.3 | 210.3 | -.33 |
| 11:25 | 2.2 | 192.4 | .40 | 2.1 | 196.2 | .41 | 1.9 | 205.8 | .43 |
| 11:30 | 1.6 | 150.5 | -.25 | 1.6 | 144.2 | -.43 | 1.7 | 150.2 | -.68 |
| 11:35 | 2.9 | 148.9 | .29 | 3.0 | 148.7 | .33 | 3.3 | 150.0 | .47 |
| 11:40 | 2.7 | 173.9 | -.09 | 2.5 | 179.6 | -.09 | 2.3 | 184.4 | -.15 |
| 11:45 | 2.2 | 177.7 | .86 | 2.2 | 181.5 | .82 | 2.1 | 182.9 | .80 |
| 11:50 | 2.2 | 194.6 | .87 | 1.9 | 189.9 | .81 | 1.5 | 186.5 | .80 |
| 11:55 | 1.2 | 254.5 | .37 | 1.4 | 256.5 | .32 | 1.6 | 254.8 | .36 |
| 12:00 | 1.8 | 125.6 | 1.10 | 1.7 | 125.4 | 1.21 | 1.7 | 131.7 | 1.20 |
| 12:05 | 1.9 | 97.9 | .83 | 1.9 | 90.6 | .78 | 1.7 | 92.6 | .91 |
| 12:10 | 1.8 | 201.4 | -.11 | 1.9 | 207.1 | -.02 | 2.1 | 202.4 | .00 |
| 12:15 | 2.4 | 185.4 | .17 | 2.5 | 183.3 | .15 | 2.7 | 181.0 | .19 |
| 12:20 | 1.9 | 113.4 | .68 | 2.0 | 106.2 | .61 | 2.0 | 106.1 | .54 |
| 12:25 | 2.1 | 136.3 | .28 | 2.0 | 137.2 | .36 | 1.8 | 138.2 | .41 |
| 12:30 | 1.9 | 167.3 | .60 | 2.0 | 166.7 | .74 | 2.0 | 168.7 | .94 |
| 12:35 | 1.8 | 220.5 | -.04 | 1.8 | 196.8 | .10 | 1.8 | 180.9 | .22 |
| 12:40 | 2.2 | 206.0 | -.52 | 2.5 | 205.9 | -.36 | 2.6 | 197.8 | -.25 |
| 12:45 | 2.0 | 164.4 | .25 | 2.2 | 164.6 | .29 | 2.3 | 167.8 | .33 |
| 12:50 | 1.3 | 136.8 | .42 | 1.5 | 143.7 | .35 | 1.5 | 145.7 | .34 |
| 12:55 | 1.1 | 117.0 | .05 | 1.2 | 142.5 | .13 | 1.2 | 159.4 | .22 |
| 13:00 | 2.4 | 305.7 | -.63 | 2.2 | 289.9 | -.49 | 2.1 | 272.3 | -.20 |
| 13:05 | 1.7 | 255.6 | .14 | 1.7 | 241.1 | .00 | 1.7 | 238.3 | -.08 |
| 13:10 | 1.9 | 232.2 | .87 | 1.9 | 229.4 | .92 | 2.2 | 224.0 | 1.07 |
| 13:15 | 1.8 | 196.1 | .96 | 1.9 | 192.6 | 1.09 | 1.8 | 188.4 | 1.14 |
| 13:20 | 1.6 | 77.0 | -.11 | 1.7 | 71.5 | -.07 | 1.5 | 80.7 | -.12 |
| 13:25 | 1.3 | 122.7 | -1.46 | 1.5 | 154.1 | -1.67 | 1.9 | 156.0 | -1.83 |
| 13:30 | 1.3 | 231.5 | -1.11 | 1.2 | 255.1 | -1.37 | 1.7 | 279.2 | -1.62 |

| | 21_WS140m | 22_WD140m | 23_VWS140m | 24_WS160m | 25_WD160m | 26_VWS160m | 27_WS180m | 28_WD180m | 29_VWS180m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time | M/SEC | DEGC | MPH | M/SEC | DEGC | MPH | M/SEC | DEGC | MPH |
| 13:35 | 2.4 | 171.6 | -.42 | 2.5 | 175.5 | -.31 | 2.2 | 177.1 | -.31 |
| 13:40 | 2.8 | 135.1 | .36 | 2.5 | 130.8 | .36 | 2.2 | 124.2 | .33 |
| 13:45 | 1.5 | 157.7 | .74 | 1.1 | 141.2 | .78 | 1.1 | 103.0 | .78 |
| 13:50 | 1.4 | 268.4 | -.91 | 1.0 | 297.9 | -.62 | .8 | 345.6 | -.30 |
| 13:55 | 1.4 | 20.3 | -1.40 | 1.6 | 344.8 | -1.61 | 2.0 | 324.6 | -1.69 |
| 14:00 | 1.9 | 210.8 | -.60 | 1.9 | 209.5 | -.70 | 2.3 | 206.9 | -.49 |
| 14:05 | 1.4 | 228.9 | -.95 | 1.5 | 229.6 | -.85 | 1.7 | 233.9 | -.73 |
| 14:10 | 2.3 | 272.3 | -.43 | 2.2 | 272.7 | -.51 | 2.3 | 272.7 | -.58 |
| 14:15 | 1.9 | 236.9 | -.64 | 2.0 | 238.6 | -.57 | 2.0 | 248.7 | -.54 |
| 14:20 | 2.3 | 214.3 | -1.07 | 2.2 | 221.6 | -.90 | 2.0 | 227.7 | -.67 |
| 14:25 | 2.3 | 260.8 | -.65 | 2.2 | 265.3 | -.76 | 2.2 | 273.6 | -.85 |
| 14:30 | 3.3 | 258.9 | -.48 | 3.6 | 259.5 | -.41 | 3.6 | 256.6 | -.31 |
| 14:35 | 2.7 | 242.6 | .24 | 2.5 | 237.2 | .34 | 2.3 | 231.3 | .44 |
| 14:40 | 1.1 | 236.2 | .24 | 1.0 | 218.3 | .63 | 1.0 | 204.8 | .80 |
| 14:45 | 1.4 | 282.4 | 1.50 | 1.4 | 282.9 | 1.44 | 1.5 | 279.5 | 1.28 |
| 14:50 | 1.8 | 266.1 | -.54 | 1.9 | 264.5 | -.78 | 1.7 | 259.6 | -1.02 |
| 14:55 | 3.1 | 275.3 | .24 | 3.1 | 269.9 | .28 | 2.9 | 269.3 | .28 |
| 15:00 | 2.1 | 221.7 | -.22 | 2.1 | 219.1 | -.33 | 2.3 | 220.9 | -.40 |
| 15:05 | 3.1 | 242.6 | .80 | 3.0 | 235.3 | .89 | 2.8 | 228.3 | .88 |
| 15:10 | 3.0 | 257.5 | .01 | 3.0 | 259.1 | -.06 | 3.1 | 261.8 | -.09 |
| 15:15 | 3.5 | 275.4 | -.28 | 3.5 | 274.6 | -.46 | 3.6 | 272.4 | -.39 |
| 15:20 | 1.9 | 279.6 | -.10 | 1.8 | 277.4 | -.07 | 2.0 | 273.0 | -.05 |
| 15:25 | 2.5 | 292.2 | -.72 | 2.4 | 286.5 | -.55 | 2.4 | 278.8 | -.37 |
| 15:30 | 2.8 | 258.2 | -.53 | 2.7 | 254.1 | -.48 | 2.7 | 252.4 | -.44 |
| 15:35 | 3.1 | 247.1 | -.77 | 3.2 | 245.2 | -.73 | 3.1 | 243.8 | -.76 |
| 15:40 | 2.0 | 217.7 | 1.49 | 2.0 | 213.5 | 1.60 | 2.0 | 206.4 | 1.68 |
| 15:45 | 1.9 | 170.7 | .08 | 2.2 | 174.2 | .14 | 2.3 | 178.8 | .17 |
| 15:50 | 2.4 | 250.7 | -.16 | 2.4 | 244.4 | -.14 | 2.7 | 242.5 | -.21 |
| 15:55 | 2.5 | 237.2 | -.07 | 2.4 | 237.9 | -.08 | 2.3 | 238.0 | -.10 |
| 16:00 | 1.8 | 214.8 | .17 | 2.0 | 218.5 | .22 | 2.1 | 223.2 | .19 |
| 16:05 | 2.5 | 185.8 | .20 | 2.7 | 180.7 | .16 | 2.9 | 178.2 | .16 |
| 16:10 | 1.1 | 231.2 | .78 | 1.0 | 218.4 | .73 | 1.1 | 219.7 | .71 |
| 16:15 | 1.1 | 209.0 | -.36 | 1.2 | 244.2 | -.36 | 1.5 | 265.2 | -.27 |
| 16:20 | 1.6 | 227.5 | .54 | 1.6 | 217.5 | .54 | 1.8 | 215.4 | .60 |
| 16:25 | 1.6 | 254.1 | -.55 | 1.5 | 220.1 | .02 | 1.4 | 216.6 | .62 |
| 16:30 | 3.1 | 266.9 | -1.10 | 3.0 | 274.6 | -.75 | 2.5 | 285.4 | -.34 |
| 16:35 | 2.4 | 286.2 | -1.02 | 2.2 | 288.2 | -1.15 | 1.9 | 304.9 | -1.28 |
| 16:40 | 1.6 | 329.0 | -.04 | 1.7 | 320.0 | -.03 | 1.6 | 324.2 | -.07 |
| 16:45 | 2.3 | 271.8 | .45 | 2.3 | 268.3 | .50 | 2.3 | 261.7 | .52 |
| 16:50 | .9 | 228.3 | .90 | .8 | 225.1 | 1.06 | .8 | 215.0 | 1.21 |
| 16:55 | 1.3 | 225.3 | .63 | 1.2 | 230.9 | .71 | 1.0 | 226.1 | .76 |
| 17:00 | 2.2 | 308.8 | .18 | 2.3 | 296.8 | .28 | 2.3 | 289.4 | .21 |
| 17:05 | 1.9 | 266.4 | 1.16 | 2.1 | 263.1 | 1.17 | 2.1 | 263.4 | 1.12 |
| 17:10 | 2.9 | 309.0 | .97 | 2.9 | 300.7 | .85 | 2.8 | 296.6 | .75 |
| 17:15 | 2.2 | 231.2 | -.73 | 2.0 | 228.7 | -.65 | 1.6 | 218.2 | -.45 |
| 17:20 | 2.0 | 179.2 | .60 | 2.2 | 185.7 | .70 | 1.9 | 194.4 | .64 |
| 17:25 | 1.5 | 189.7 | -1.22 | 1.5 | 174.5 | -1.15 | 1.3 | 193.8 | -1.19 |
| 17:30 | 2.2 | 249.5 | -1.43 | 2.2 | 250.0 | -1.33 | 2.4 | 251.9 | -1.14 |
| 17:35 | 2.1 | 260.8 | -1.21 | 2.1 | 268.6 | -1.30 | 2.2 | 284.9 | -1.32 |
| 17:40 | 1.1 | 229.0 | -.18 | .9 | 221.9 | -.02 | 1.0 | 252.3 | .07 |
| 17:45 | 1.6 | 182.8 | -.43 | 1.6 | 188.4 | -.41 | 1.5 | 189.2 | -.26 |
| 17:50 | 1.7 | 187.7 | -.10 | 1.6 | 180.3 | -.10 | 1.6 | 181.1 | -.02 |
| 17:55 | 1.4 | 204.6 | .28 | 1.1 | 207.5 | .53 | .9 | 216.3 | .65 |
| 18:00 | 1.0 | 222.0 | .58 | 1.0 | 221.1 | .66 | 1.0 | 230.1 | .66 |
| 18:05 | 1.3 | 268.7 | .09 | 1.3 | 281.5 | .17 | 1.3 | 296.8 | .27 |
| 18:10 | 1.2 | 231.7 | .93 | 1.3 | 238.9 | .92 | 1.4 | 243.5 | .93 |

| | 21_WS140m | 22_WD140m | 23_VWS140m | 24_WS160m | 25_WD160m | 26_VWS160m | 27_WS180m | 28_WD180m | 29_VWS180m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time | M/SEC | DEGC | MPH | M/SEC | DEGC | MPH | M/SEC | DEGC | MPH |
| 18:15 | .8 | 218.5 | .11 | .7 | 202.2 | .00 | .8 | 175.2 | -.07 |
| 18:20 | 1.8 | 199.6 | -.33 | 2.0 | 193.9 | -.32 | 2.0 | 195.4 | -.32 |
| 18:25 | 1.5 | 196.5 | -.36 | 1.7 | 192.7 | -.33 | 1.8 | 188.9 | -.32 |
| 18:30 | 1.4 | 211.8 | .47 | 1.7 | 206.8 | .39 | 1.8 | 203.1 | .30 |
| 18:35 | 1.5 | 164.2 | .19 | 1.6 | 164.7 | .31 | 1.5 | 158.1 | .41 |
| 18:40 | 1.8 | 200.2 | -.46 | 1.9 | 201.3 | -.38 | 2.0 | 199.6 | -.33 |
| 18:45 | .6 | 323.1 | -.56 | .7 | 287.7 | -.57 | .8 | 279.9 | -.64 |
| 18:50 | .5 | 220.5 | -.82 | .6 | 253.3 | -.96 | .7 | 274.4 | -1.02 |
| 18:55 | .4 | 183.4 | -.89 | .6 | 294.1 | -1.10 | .7 | 300.8 | -1.25 |
| 19:00 | .7 | 322.4 | -1.17 | .9 | 314.3 | -1.24 | 1.2 | 309.4 | -1.31 |
| 19:05 | 2.0 | 294.4 | .16 | 2.1 | 293.3 | .12 | 2.1 | 292.6 | .14 |
| 19:10 | .8 | 322.2 | .28 | .9 | 326.6 | .26 | .9 | 303.6 | .14 |
| 19:15 | 1.5 | 264.0 | -.54 | 1.6 | 264.1 | -.58 | 1.7 | 262.3 | -.61 |
| 19:20 | 1.3 | 269.4 | -.30 | 1.3 | 270.8 | -.31 | 1.3 | 268.2 | -.26 |
| 19:25 | .5 | 255.8 | -.44 | .5 | 256.9 | -.33 | .6 | 255.3 | -.24 |
| 19:30 | .9 | 295.6 | -.27 | 1.0 | 306.8 | -.22 | 1.2 | 305.3 | -.20 |
| 19:35 | .6 | 309.6 | .03 | .6 | 311.8 | .00 | .6 | 308.0 | -.04 |
| 19:40 | .5 | 284.6 | .09 | .6 | 286.5 | .17 | .5 | 280.6 | .21 |
| 19:45 | .2 | 321.0 | .13 | .2 | 341.8 | .17 | .2 | 145.6 | .17 |
| 19:50 | .4 | 192.7 | .09 | .4 | 192.9 | .17 | .3 | 192.3 | .24 |
| 19:55 | .4 | 143.9 | .15 | .4 | 138.6 | .17 | .4 | 130.1 | .11 |
| 20:00 | .4 | 115.5 | .10 | .4 | 103.5 | .09 | .5 | 99.2 | .10 |
| 20:05 | .6 | 92.1 | .09 | .7 | 84.2 | .10 | .8 | 78.7 | .11 |
| 20:10 | .7 | 92.5 | -.13 | .8 | 85.6 | -.17 | .8 | 76.1 | -.16 |
| 20:15 | .5 | 114.9 | -.14 | .6 | 111.0 | -.17 | .6 | 105.7 | -.19 |
| 20:20 | .3 | 175.3 | -.08 | .3 | 155.4 | -.11 | .3 | 119.3 | -.14 |
| 20:25 | .3 | 198.6 | .00 | .2 | 200.7 | -.02 | .2 | 214.5 | .02 |
| 20:30 | .3 | 271.7 | .03 | .4 | 278.2 | .02 | .4 | 297.3 | .04 |
| 20:35 | .5 | 300.1 | .02 | .5 | 310.9 | .06 | .4 | 333.1 | .07 |
| 20:40 | .4 | 339.1 | .08 | .4 | 358.1 | .12 | .4 | 13.0 | .12 |
| 20:45 | .2 | 11.3 | .04 | .3 | 39.7 | .05 | .4 | 49.5 | .04 |
| 20:50 | .2 | 11.6 | .08 | .3 | 24.9 | .13 | .4 | 19.1 | .17 |
| 20:55 | .5 | 304.7 | .00 | .6 | 317.3 | .03 | .8 | 321.5 | .00 |
| 21:00 | .5 | 306.6 | .03 | .6 | 316.4 | .02 | .7 | 321.3 | .01 |
| 21:05 | .6 | 337.1 | .04 | .7 | 342.2 | .04 | .7 | 344.8 | .04 |
| 21:10 | .8 | 348.6 | .04 | .8 | 350.9 | .04 | .9 | 349.0 | .06 |
| 21:15 | 1.0 | 355.8 | -.01 | 1.2 | 359.4 | -.01 | 1.2 | 356.8 | -.03 |
| 21:20 | 1.2 | 351.3 | .01 | 1.3 | 358.3 | .04 | 1.3 | .4 | .04 |
| 21:25 | 1.6 | 343.4 | .04 | 1.6 | 348.0 | .07 | 1.8 | 352.3 | .10 |
| 21:30 | 1.7 | 345.0 | -.05 | 1.7 | 348.8 | -.04 | 1.9 | 355.0 | -.05 |
| 21:35 | 1.8 | 353.0 | -.01 | 1.8 | 354.1 | .01 | 1.9 | 358.1 | .02 |
| 21:40 | 1.6 | 342.0 | -.01 | 1.6 | 347.8 | -.01 | 1.7 | 355.4 | .00 |
| 21:45 | 1.6 | 334.6 | .01 | 1.6 | 343.8 | .00 | 1.6 | 352.1 | .00 |
| 21:50 | 1.6 | 329.0 | -.02 | 1.6 | 338.7 | -.01 | 1.6 | 344.6 | .00 |
| 21:55 | 1.6 | 331.5 | -.03 | 1.7 | 338.9 | -.02 | 1.7 | 346.9 | -.01 |
| 22:00 | 1.5 | 334.5 | -.03 | 1.6 | 336.6 | -.04 | 1.6 | 343.1 | -.05 |
| 22:05 | 1.4 | 336.4 | .02 | 1.6 | 339.6 | .01 | 1.6 | 343.2 | .00 |
| 22:10 | 1.3 | 335.7 | .08 | 1.5 | 337.6 | .06 | 1.6 | 339.2 | .07 |
| 22:15 | 1.3 | 329.9 | .03 | 1.6 | 332.4 | .05 | 1.7 | 333.0 | .07 |
| 22:20 | 1.5 | 333.4 | .05 | 1.8 | 330.2 | .04 | 1.8 | 332.8 | .06 |
| 22:25 | 1.3 | 332.8 | .01 | 1.8 | 322.9 | .00 | 1.9 | 321.8 | .02 |
| 22:30 | 1.2 | 328.3 | .04 | 1.8 | 316.6 | .03 | 1.9 | 316.1 | .04 |
| 22:35 | 1.0 | 332.5 | .04 | 1.5 | 320.0 | .05 | 1.6 | 318.6 | .03 |
| 22:40 | .9 | 332.5 | .03 | 1.4 | 319.5 | .04 | 1.6 | 319.4 | .03 |
| 22:45 | .8 | 324.8 | .00 | 1.3 | 314.3 | .03 | 1.6 | 316.5 | .02 |
| 22:50 | .7 | 323.9 | .03 | 1.3 | 317.4 | .05 | 1.5 | 318.4 | .06 |

| | 29_WS200m | 30_WD200m | 32_VWS200m | 33_WS220m | 34_WD220m | 36_WS240m | 37_WD240m | 38_VWS240m | 39_WS260m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|-----------|
| Time | M/SEC | DEGC | MPH | M/SEC | DEGC | M/SEC | DEG | MPH | M/SEC |
| 04:15 | | | | | | | | | |
| 04:20 | | | | | | | | | |
| 04:25 | | | .06 | | | | | .06 | |
| 04:30 | 5.4 | 252.9 | .07 | 6.0 | 249.8 | 6.9 | 254.1 | .07 | |
| 04:35 | 5.5 | 258.8 | .06 | 5.9 | 255.1 | | | .04 | |
| 04:40 | 4.5 | 254.7 | .12 | 5.9 | 254.4 | 7.0 | 251.7 | .12 | 8.1 |
| 04:45 | 4.6 | 262.5 | .08 | 5.2 | 260.1 | | | .13 | |
| 04:50 | 4.1 | 262.8 | .07 | 4.9 | 258.2 | 5.7 | 249.6 | .05 | |
| 04:55 | 4.0 | 262.8 | .11 | 4.6 | 255.0 | 4.9 | 250.8 | .11 | |
| 05:00 | 4.4 | 261.2 | .00 | 5.2 | 254.0 | 5.8 | 254.3 | .04 | 5.9 |
| 05:05 | 4.1 | 260.0 | .04 | 5.0 | 258.1 | 5.4 | 254.1 | .01 | 5.9 |
| 05:10 | 3.7 | 263.5 | .02 | 4.4 | 258.4 | 4.6 | 254.1 | .04 | |
| 05:15 | 3.4 | 270.7 | .09 | 4.0 | 262.4 | 4.5 | 257.0 | .10 | 5.1 |
| 05:20 | 3.7 | 262.6 | .09 | 4.5 | 256.3 | 4.6 | 250.6 | .06 | 5.8 |
| 05:25 | 3.6 | 265.8 | .07 | 4.3 | 257.6 | | | .11 | |
| 05:30 | 2.9 | 246.2 | -.02 | 3.2 | 267.3 | | | .05 | |
| 05:35 | | | -.24 | | | | | | |
| 05:40 | | | | | | | | | |
| 05:45 | | | | | | | | | |
| 05:50 | | | | | | | | | |
| 05:55 | | | | | | | | | |
| 06:00 | 3.1 | 263.9 | .12 | 3.2 | 260.4 | 4.3 | 253.7 | -.06 | 4.2 |
| 06:05 | 3.5 | 254.3 | .08 | | | | | .06 | |
| 06:10 | 3.7 | 256.2 | .06 | | | | | .08 | |
| 06:15 | 3.4 | 260.5 | .04 | 4.1 | 254.3 | | | .02 | |
| 06:20 | 3.8 | 257.2 | .10 | 4.1 | 253.3 | | | -.06 | |
| 06:25 | 3.5 | 257.2 | .63 | 4.6 | 254.0 | | | .43 | |
| 06:30 | 3.6 | 255.0 | .17 | 4.0 | 251.5 | 4.9 | 249.9 | .12 | 5.0 |
| 06:35 | 3.9 | 253.8 | .16 | 4.7 | 252.6 | 5.4 | 249.8 | .14 | 5.6 |
| 06:40 | 4.1 | 255.9 | .13 | 4.6 | 252.4 | 5.0 | 247.4 | .19 | 5.8 |
| 06:45 | | | .12 | | | | | .16 | |
| 06:50 | 4.3 | 251.6 | .08 | 5.0 | 251.0 | 5.5 | 252.2 | .13 | |
| 06:55 | | | .11 | | | | | .11 | |
| 07:00 | | | .21 | | | | | .20 | |
| 07:05 | | | | | | | | | |
| 07:10 | 4.3 | 258.2 | .13 | 4.9 | 253.6 | 6.7 | 249.9 | .17 | |
| 07:15 | 4.9 | 264.3 | .02 | 4.9 | 259.2 | 5.4 | 254.1 | .00 | |
| 07:20 | 4.0 | 263.1 | .09 | 4.2 | 253.9 | 5.4 | 255.0 | .05 | 5.9 |
| 07:25 | 4.6 | 259.5 | .04 | 5.3 | 256.6 | | | .11 | |
| 07:30 | 4.2 | 257.5 | .18 | 4.9 | 253.4 | | | .16 | |
| 07:35 | 4.2 | 250.9 | .10 | 5.1 | 250.7 | 6.2 | 250.2 | .11 | |
| 07:40 | 4.1 | 251.3 | .06 | 4.6 | 245.6 | | | .06 | |
| 07:45 | 4.1 | 251.9 | .06 | 4.5 | 249.7 | | | .08 | |
| 07:50 | 3.4 | 250.2 | .04 | 4.0 | 245.8 | | | .04 | |
| 07:55 | 3.2 | 251.8 | .04 | 3.7 | 248.8 | 4.6 | 248.0 | .04 | |
| 08:00 | 2.9 | 250.3 | .07 | 3.3 | 250.9 | 4.5 | 248.6 | .07 | |
| 08:05 | 3.2 | 252.9 | .09 | 3.9 | 251.4 | | | .05 | |
| 08:10 | 2.5 | 252.1 | .03 | 3.4 | 246.8 | 4.3 | 250.5 | .01 | |
| 08:15 | 2.1 | 259.3 | .04 | 2.7 | 252.8 | 3.5 | 247.9 | .06 | |
| 08:20 | 2.2 | 258.7 | .05 | 2.3 | 240.7 | 2.7 | 243.7 | .05 | |
| 08:25 | 2.0 | 248.9 | .00 | 2.7 | 247.9 | 3.5 | 243.0 | .01 | |
| 08:30 | 1.7 | 243.7 | .00 | 1.9 | 247.5 | 3.1 | 246.6 | -.02 | |
| 08:35 | 1.3 | 242.9 | .01 | 2.1 | 240.8 | 2.6 | 249.9 | -.03 | |
| 08:40 | 1.1 | 253.7 | .02 | 1.7 | 238.8 | 1.9 | 234.6 | .06 | |
| 08:45 | .7 | 240.1 | .03 | 1.6 | 250.0 | 2.0 | 234.6 | .02 | |
| 08:50 | .5 | 240.8 | .03 | 1.2 | 247.3 | 2.0 | 240.7 | -.03 | |

| | 29_WS200m | 30_WD200m | 32_VWS200m | 33_WS220m | 34_WD220m | 36_WS240m | 37_WD240m | 38_VWS240m | 39_WS260m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|-----------|
| Time | M/SEC | DEGC | MPH | M/SEC | DEGC | M/SEC | DEG | MPH | M/SEC |
| 08:55 | .5 | 261.6 | .00 | | | | | .03 | |
| 09:00 | .3 | 60.6 | .03 | .7 | 239.1 | 1.2 | 240.7 | .04 | |
| 09:05 | .8 | 58.2 | -.12 | .3 | 76.1 | | | -.06 | |
| 09:10 | .7 | 28.6 | .05 | .4 | 276.7 | 1.1 | 262.7 | .08 | 2.1 |
| 09:15 | .8 | 31.9 | -.03 | .9 | 343.5 | .8 | 299.8 | -.03 | |
| 09:20 | .5 | 69.1 | .14 | .7 | 149.8 | 1.3 | 241.3 | .17 | 2.7 |
| 09:25 | .5 | 117.5 | .16 | .9 | 177.8 | | | .27 | |
| 09:30 | 1.2 | 154.6 | -.17 | 1.1 | 167.5 | 1.3 | 206.4 | -.09 | 2.0 |
| 09:35 | 1.0 | 218.9 | .35 | 1.3 | 223.0 | 1.7 | 225.6 | .20 | 2.2 |
| 09:40 | .8 | 217.3 | .13 | 1.1 | 219.2 | 1.6 | 239.7 | .12 | 2.2 |
| 09:45 | 2.3 | 210.6 | -.06 | 2.5 | 218.5 | 2.5 | 225.8 | .04 | 3.2 |
| 09:50 | 2.1 | 221.5 | .40 | 2.3 | 219.9 | 2.4 | 219.6 | .36 | 2.4 |
| 09:55 | 1.5 | 220.7 | .26 | 1.9 | 218.3 | 2.1 | 217.8 | .37 | 2.2 |
| 10:00 | 1.9 | 202.7 | .22 | 2.1 | 198.9 | 2.2 | 194.4 | .30 | 2.2 |
| 10:05 | 1.3 | 232.6 | -.14 | 1.2 | 227.1 | 1.5 | 228.6 | -.10 | 1.8 |
| 10:10 | 2.7 | 249.6 | .10 | 2.5 | 247.0 | 2.6 | 236.6 | .12 | 2.7 |
| 10:15 | 1.4 | 230.3 | 1.05 | 1.4 | 234.6 | 1.2 | 228.9 | .91 | 1.2 |
| 10:20 | .7 | 216.6 | .67 | .8 | 181.7 | .8 | 181.3 | .62 | .8 |
| 10:25 | .8 | 239.7 | 1.17 | .6 | 222.0 | .6 | 235.3 | 1.23 | .7 |
| 10:30 | 1.0 | 141.1 | .99 | 1.0 | 141.5 | .9 | 147.5 | .96 | 1.0 |
| 10:35 | .9 | 218.8 | .70 | 1.2 | 215.1 | 1.2 | 206.1 | .75 | 1.2 |
| 10:40 | 1.9 | 218.3 | .25 | 2.0 | 218.5 | 1.8 | 217.8 | .62 | 1.6 |
| 10:45 | 1.5 | 183.5 | -.13 | 1.7 | 176.7 | 1.8 | 173.7 | .01 | 1.7 |
| 10:50 | 1.0 | 11.6 | -1.09 | .9 | 313.1 | 1.0 | 279.8 | -.93 | 1.1 |
| 10:55 | 1.4 | 336.5 | -1.11 | 1.3 | 336.0 | 1.3 | 322.6 | -1.01 | 1.4 |
| 11:00 | 1.7 | 254.4 | .20 | 1.6 | 256.3 | 1.5 | 250.0 | .45 | 1.3 |
| 11:05 | 1.6 | 228.3 | 1.09 | 1.7 | 223.0 | 1.6 | 218.5 | 1.17 | 1.7 |
| 11:10 | 1.0 | 64.7 | .14 | 1.0 | 56.6 | 1.2 | 63.5 | .32 | 1.5 |
| 11:15 | 1.8 | 214.1 | -.79 | 1.9 | 206.5 | 2.0 | 192.4 | -.74 | 1.8 |
| 11:20 | 1.4 | 182.9 | -.46 | 1.5 | 150.2 | 1.4 | 169.8 | -.51 | 1.4 |
| 11:25 | 1.8 | 210.1 | .38 | 1.8 | 216.8 | 1.7 | 213.9 | .26 | 1.8 |
| 11:30 | 1.8 | 157.6 | -.82 | 1.8 | 162.4 | 1.8 | 160.1 | -.89 | 1.9 |
| 11:35 | 3.4 | 151.1 | .57 | 3.6 | 151.9 | 3.9 | 151.3 | .63 | 3.8 |
| 11:40 | 2.4 | 177.6 | -.30 | 2.3 | 169.7 | 2.3 | 164.3 | -.20 | 1.9 |
| 11:45 | 2.0 | 182.1 | .81 | 2.0 | 181.5 | 2.0 | 182.4 | .90 | 2.1 |
| 11:50 | 1.4 | 188.4 | .79 | 1.4 | 194.1 | 1.4 | 204.1 | .89 | 1.4 |
| 11:55 | 1.5 | 255.5 | .31 | 1.2 | 251.2 | .9 | 193.0 | .49 | 1.0 |
| 12:00 | 1.5 | 125.1 | 1.23 | 1.2 | 129.5 | 1.2 | 122.6 | 1.29 | 1.1 |
| 12:05 | 1.5 | 101.9 | .96 | 1.4 | 100.1 | 1.3 | 110.2 | .91 | 1.3 |
| 12:10 | 2.1 | 188.3 | -.07 | 2.0 | 186.6 | 1.9 | 192.3 | -.06 | 1.9 |
| 12:15 | 2.5 | 176.2 | .31 | 2.1 | 173.3 | 1.9 | 180.3 | .48 | 1.7 |
| 12:20 | 2.0 | 101.8 | .49 | 2.0 | 103.8 | 1.9 | 100.3 | .50 | 2.2 |
| 12:25 | 1.7 | 130.8 | .52 | 1.8 | 129.3 | 1.9 | 127.7 | .66 | 2.0 |
| 12:30 | 1.8 | 175.6 | .99 | 1.8 | 178.0 | 1.8 | 175.2 | 1.13 | 1.9 |
| 12:35 | 1.8 | 168.6 | .23 | 2.0 | 166.3 | 2.1 | 163.3 | .22 | 2.1 |
| 12:40 | 2.6 | 198.7 | -.18 | 2.7 | 205.8 | 2.9 | 210.3 | -.17 | 2.6 |
| 12:45 | 2.4 | 168.3 | .34 | 2.6 | 170.3 | 2.4 | 167.9 | .57 | 2.5 |
| 12:50 | 1.6 | 153.0 | .45 | 1.6 | 159.6 | 1.5 | 158.4 | .58 | 1.7 |
| 12:55 | 1.0 | 198.8 | .26 | 1.3 | 214.1 | 1.4 | 226.2 | .20 | 1.7 |
| 13:00 | 1.9 | 263.1 | .18 | 1.8 | 240.1 | 1.7 | 209.6 | .33 | 1.7 |
| 13:05 | 1.9 | 241.2 | -.08 | 2.2 | 245.1 | 2.5 | 248.7 | -.11 | 2.7 |
| 13:10 | 2.5 | 222.3 | 1.15 | 2.5 | 225.3 | 2.8 | 229.7 | 1.24 | 2.8 |
| 13:15 | 1.8 | 190.8 | 1.17 | 1.8 | 192.3 | 1.8 | 180.9 | 1.11 | 1.8 |
| 13:20 | 1.7 | 90.3 | -.30 | 1.7 | 105.2 | 1.5 | 122.1 | -.36 | 1.7 |
| 13:25 | 2.0 | 149.1 | -1.81 | 2.2 | 139.5 | 2.5 | 130.9 | -1.72 | 2.6 |
| 13:30 | 1.8 | 285.2 | -1.78 | 1.7 | 313.8 | 1.6 | 313.8 | -1.87 | 1.4 |

| | 29_WS200m | 30_WD200m | 32_VWS200m | 33_WS220m | 34_WD220m | 36_WS240m | 37_WD240m | 38_VWS240m | 39_WS260m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|-----------|
| Time | M/SEC | DEGC | MPH | M/SEC | DEGC | M/SEC | DEG | MPH | M/SEC |
| 13:35 | 1.9 | 186.5 | -.34 | 1.7 | 190.6 | 1.6 | 186.5 | -.20 | 1.7 |
| 13:40 | 2.2 | 122.6 | .37 | 2.3 | 120.4 | 2.5 | 125.0 | .52 | 2.5 |
| 13:45 | 1.0 | 80.3 | .91 | 1.1 | 53.9 | 1.2 | 58.7 | 1.08 | 1.5 |
| 13:50 | .8 | 88.2 | -.02 | .9 | 96.8 | 1.0 | 73.1 | .24 | 1.1 |
| 13:55 | 2.0 | 313.1 | -1.55 | 1.9 | 301.1 | 1.9 | 290.0 | -1.38 | 1.8 |
| 14:00 | 2.3 | 203.8 | -.43 | 2.0 | 208.8 | 1.7 | 220.8 | -.46 | 1.7 |
| 14:05 | 2.0 | 237.5 | -.71 | 2.1 | 226.7 | 2.1 | 215.6 | -.80 | 2.1 |
| 14:10 | 2.3 | 272.8 | -.74 | 2.5 | 272.5 | 2.7 | 269.2 | -.89 | 2.7 |
| 14:15 | 2.1 | 245.6 | -.60 | 2.1 | 250.8 | 2.3 | 254.0 | -.60 | 2.7 |
| 14:20 | 1.8 | 237.7 | -.65 | 2.0 | 232.6 | 2.2 | 229.4 | -.65 | 2.5 |
| 14:25 | 2.3 | 280.8 | -.87 | 2.2 | 284.2 | 2.2 | 283.4 | -.86 | 2.2 |
| 14:30 | 3.9 | 253.9 | -.21 | 4.1 | 253.7 | 4.1 | 256.7 | -.09 | 3.9 |
| 14:35 | 2.1 | 225.9 | .59 | 1.9 | 217.9 | 1.7 | 212.6 | .70 | 1.5 |
| 14:40 | 1.1 | 188.1 | .97 | 1.3 | 176.3 | 1.6 | 172.8 | 1.08 | 1.8 |
| 14:45 | 1.6 | 281.8 | 1.28 | 1.7 | 270.4 | 1.7 | 274.8 | 1.40 | 1.7 |
| 14:50 | 1.7 | 252.3 | -1.09 | 1.7 | 252.0 | 1.9 | 253.1 | -1.03 | 2.0 |
| 14:55 | 3.0 | 268.3 | .19 | 2.9 | 269.4 | 2.8 | 266.6 | .15 | 2.9 |
| 15:00 | 2.6 | 223.1 | -.55 | 2.7 | 220.3 | 2.8 | 215.5 | -.62 | 2.9 |
| 15:05 | 2.7 | 224.4 | .73 | 2.7 | 217.1 | 2.8 | 212.0 | .78 | 3.1 |
| 15:10 | 3.0 | 260.1 | -.15 | 2.9 | 256.0 | 2.9 | 253.4 | -.30 | 3.1 |
| 15:15 | 3.6 | 268.8 | -.33 | 3.6 | 264.2 | 3.8 | 259.0 | -.31 | 3.7 |
| 15:20 | 1.9 | 265.8 | .05 | 2.0 | 259.2 | 2.0 | 258.5 | -.01 | 1.9 |
| 15:25 | 2.3 | 275.2 | -.42 | 2.3 | 268.5 | 2.5 | 254.6 | -.66 | 2.6 |
| 15:30 | 2.6 | 253.5 | -.41 | 2.3 | 259.4 | 2.0 | 267.0 | -.44 | 1.8 |
| 15:35 | 2.9 | 245.3 | -.91 | 2.9 | 246.2 | 3.0 | 243.2 | -.96 | 2.8 |
| 15:40 | 2.0 | 196.5 | 1.80 | 2.0 | 191.9 | 2.1 | 190.6 | 1.86 | 2.1 |
| 15:45 | 2.5 | 178.5 | .17 | 2.6 | 186.4 | 2.6 | 182.2 | -.03 | 2.3 |
| 15:50 | 2.9 | 242.1 | -.18 | 2.9 | 238.9 | 2.7 | 241.3 | -.17 | 2.6 |
| 15:55 | 2.5 | 241.2 | -.03 | 2.7 | 238.7 | 2.6 | 237.5 | -.01 | 2.8 |
| 16:00 | 2.1 | 222.4 | .28 | 2.2 | 221.3 | 2.2 | 222.6 | .42 | 2.1 |
| 16:05 | 2.9 | 179.2 | .26 | 2.9 | 178.7 | 3.1 | 180.5 | .36 | 3.5 |
| 16:10 | 1.2 | 218.0 | .66 | 1.2 | 220.5 | 1.5 | 232.0 | .61 | 1.4 |
| 16:15 | 1.7 | 272.0 | -.19 | 2.1 | 283.0 | 2.2 | 283.7 | -.16 | 2.0 |
| 16:20 | 1.9 | 218.9 | .56 | 2.2 | 224.4 | 2.4 | 228.2 | .56 | 2.4 |
| 16:25 | 1.3 | 213.2 | 1.06 | 1.0 | 193.8 | 1.1 | 159.4 | 1.24 | 1.3 |
| 16:30 | 2.3 | 298.6 | .13 | 1.8 | 304.3 | 1.6 | 304.3 | .62 | 1.6 |
| 16:35 | 2.0 | 327.2 | -1.23 | 2.1 | 340.8 | 2.3 | 326.6 | -1.11 | 2.4 |
| 16:40 | 1.7 | 326.7 | -.12 | 1.9 | 326.9 | 2.0 | 322.9 | -.02 | 1.9 |
| 16:45 | 2.3 | 258.1 | .54 | 2.4 | 252.9 | 2.4 | 246.7 | .56 | 2.4 |
| 16:50 | .8 | 222.9 | 1.38 | .8 | 240.7 | .9 | 238.7 | 1.49 | 1.0 |
| 16:55 | 1.1 | 216.4 | .71 | 1.2 | 203.6 | 1.5 | 200.9 | .63 | 1.3 |
| 17:00 | 2.2 | 277.8 | .12 | 2.1 | 271.9 | 2.2 | 272.6 | .18 | 2.2 |
| 17:05 | 2.0 | 264.6 | 1.12 | 2.0 | 263.0 | 2.2 | 260.9 | 1.19 | 2.4 |
| 17:10 | 2.6 | 293.6 | .60 | 2.6 | 290.3 | 2.6 | 288.8 | .43 | 2.7 |
| 17:15 | 1.5 | 192.2 | -.31 | 1.6 | 195.2 | 1.5 | 206.5 | -.16 | 1.5 |
| 17:20 | 1.7 | 201.4 | .45 | 1.7 | 204.3 | 1.6 | 194.6 | .37 | 1.7 |
| 17:25 | 1.2 | 226.8 | -1.24 | 1.3 | 245.3 | 1.4 | 257.3 | -1.40 | 1.4 |
| 17:30 | 2.6 | 256.0 | -1.01 | 2.7 | 265.7 | 2.9 | 270.8 | -1.00 | 3.0 |
| 17:35 | 2.5 | 296.1 | -1.21 | 2.8 | 297.7 | 2.8 | 298.6 | -.91 | 2.8 |
| 17:40 | 1.3 | 270.7 | .08 | 1.4 | 275.3 | 1.3 | 281.6 | .10 | 1.4 |
| 17:45 | 1.5 | 205.2 | -.23 | 1.4 | 217.1 | 1.3 | 221.9 | -.22 | 1.1 |
| 17:50 | 1.7 | 181.5 | .04 | 1.7 | 175.9 | 1.9 | 175.7 | .09 | 2.2 |
| 17:55 | .9 | 230.3 | .82 | .8 | 228.5 | .8 | 217.0 | .87 | .8 |
| 18:00 | 1.0 | 242.1 | .56 | .9 | 251.0 | .9 | 262.5 | .54 | .9 |
| 18:05 | 1.2 | 297.2 | .48 | 1.1 | 299.6 | 1.1 | 295.8 | .47 | 1.3 |
| 18:10 | 1.7 | 243.4 | .93 | 1.8 | 237.8 | 1.9 | 233.6 | .86 | 1.8 |

| | 29_WS200m | 30_WD200m | 32_VWS200m | 33_WS220m | 34_WD220m | 36_WS240m | 37_WD240m | 38_VWS240m | 39_WS260m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|-----------|
| Time | M/SEC | DEGC | MPH | M/SEC | DEGC | M/SEC | DEG | MPH | M/SEC |
| 18:15 | .7 | 172.0 | -.11 | .7 | 200.9 | .7 | 211.6 | -.16 | .7 |
| 18:20 | 2.0 | 198.4 | -.34 | 2.0 | 198.6 | 2.1 | 198.8 | -.40 | 2.3 |
| 18:25 | 1.8 | 186.9 | -.22 | 1.7 | 189.8 | 1.5 | 188.3 | -.34 | 1.4 |
| 18:30 | 1.8 | 201.7 | .13 | 1.6 | 200.0 | 1.5 | 198.1 | .01 | 1.4 |
| 18:35 | 1.4 | 160.8 | .44 | 1.4 | 164.6 | 1.4 | 170.9 | .36 | 1.6 |
| 18:40 | 1.9 | 196.9 | -.37 | 1.9 | 190.4 | 1.7 | 186.5 | -.49 | 1.6 |
| 18:45 | .6 | 297.1 | -.76 | .8 | 299.7 | 1.0 | 303.5 | -.88 | 1.3 |
| 18:50 | .8 | 293.5 | -1.12 | 1.0 | 290.1 | 1.2 | 287.0 | -1.19 | 1.1 |
| 18:55 | .8 | 299.6 | -1.31 | .7 | 287.5 | .7 | 251.8 | -1.39 | .9 |
| 19:00 | 1.3 | 313.2 | -1.28 | 1.3 | 311.6 | 1.3 | 307.9 | -1.16 | 1.4 |
| 19:05 | 2.2 | 289.4 | .13 | 2.2 | 288.9 | 2.2 | 292.0 | .12 | 2.1 |
| 19:10 | 1.1 | 292.4 | .06 | 1.0 | 292.3 | 1.1 | 301.1 | .02 | 1.2 |
| 19:15 | 1.8 | 261.9 | -.60 | 2.0 | 259.8 | 1.9 | 256.4 | -.64 | 2.0 |
| 19:20 | 1.4 | 262.2 | -.19 | 1.5 | 266.4 | 1.4 | 269.6 | -.13 | 1.4 |
| 19:25 | .6 | 260.6 | -.19 | .6 | 266.3 | .7 | 272.5 | -.21 | .8 |
| 19:30 | 1.2 | 306.3 | -.26 | 1.0 | 296.4 | .9 | 295.5 | -.31 | .7 |
| 19:35 | .8 | 309.9 | -.14 | .9 | 312.5 | .8 | 319.8 | -.06 | .8 |
| 19:40 | .4 | 279.2 | .14 | .5 | 285.4 | .5 | 293.9 | .12 | .5 |
| 19:45 | .2 | 188.2 | .16 | .3 | 303.7 | .4 | 266.9 | .14 | .4 |
| 19:50 | .3 | 208.6 | .27 | .4 | 175.7 | .4 | 126.2 | .24 | .6 |
| 19:55 | .4 | 114.5 | .10 | .5 | 110.4 | .6 | 104.0 | .13 | .6 |
| 20:00 | .6 | 105.2 | .10 | .6 | 93.2 | .6 | 86.7 | .10 | .6 |
| 20:05 | .8 | 74.0 | .15 | .8 | 65.3 | .6 | 47.0 | .16 | .5 |
| 20:10 | .9 | 67.8 | -.17 | .8 | 57.2 | .8 | 49.4 | -.14 | .7 |
| 20:15 | .6 | 97.8 | -.25 | .6 | 86.0 | .7 | 73.4 | -.31 | .8 |
| 20:20 | .4 | 114.8 | -.18 | .4 | 90.7 | .5 | 81.8 | -.19 | .5 |
| 20:25 | .2 | 70.6 | .00 | .3 | 83.0 | .4 | 62.3 | .01 | .5 |
| 20:30 | .3 | 321.5 | .09 | .3 | 348.5 | .4 | 12.4 | .05 | .6 |
| 20:35 | .3 | 344.8 | .11 | .4 | 26.8 | .5 | 28.1 | .11 | .6 |
| 20:40 | .5 | 22.2 | .11 | .6 | 24.6 | .7 | 21.3 | .07 | .7 |
| 20:45 | .5 | 40.2 | .07 | .6 | 28.8 | .7 | 18.4 | .07 | .8 |
| 20:50 | .5 | 6.8 | .19 | .6 | 4.9 | .6 | 8.1 | .25 | .6 |
| 20:55 | .9 | 320.9 | .03 | .7 | 319.6 | .6 | 313.7 | .02 | .6 |
| 21:00 | .7 | 321.8 | -.01 | .7 | 325.4 | .6 | 318.4 | -.05 | .5 |
| 21:05 | .8 | 348.2 | .02 | .7 | 356.0 | .6 | 2.0 | .02 | .6 |
| 21:10 | .8 | 352.8 | .07 | .8 | 353.8 | .6 | 4.3 | .06 | .6 |
| 21:15 | 1.2 | 3.4 | -.04 | 1.2 | 6.5 | 1.1 | 15.0 | -.03 | 1.0 |
| 21:20 | 1.4 | 4.1 | .06 | 1.3 | 10.8 | 1.3 | 14.4 | .09 | 1.2 |
| 21:25 | 1.8 | 354.1 | .09 | 1.8 | 357.5 | 1.7 | 355.5 | .11 | 1.5 |
| 21:30 | 1.9 | 356.0 | -.05 | 2.0 | 356.7 | 1.9 | 355.5 | -.07 | 1.6 |
| 21:35 | 1.9 | 1.3 | .03 | 2.0 | 3.9 | 2.0 | 4.9 | -.01 | 1.9 |
| 21:40 | 1.7 | 357.2 | .03 | 1.7 | 1.2 | 1.7 | 2.7 | .03 | 1.5 |
| 21:45 | 1.7 | 358.2 | .01 | 1.6 | 358.0 | 1.6 | 1.6 | .02 | 1.4 |
| 21:50 | 1.7 | 350.6 | .02 | 1.7 | 350.7 | 1.6 | 353.4 | .02 | 1.3 |
| 21:55 | 1.8 | 353.1 | -.02 | 1.8 | 355.6 | 1.8 | 359.4 | -.04 | 1.6 |
| 22:00 | 1.7 | 345.5 | -.05 | 1.7 | 352.7 | 1.7 | 356.7 | -.04 | 1.7 |
| 22:05 | 1.7 | 346.3 | -.01 | 1.7 | 347.8 | 1.7 | 356.7 | .02 | 1.6 |
| 22:10 | 1.6 | 341.2 | .07 | 1.6 | 343.7 | 1.6 | 353.2 | .06 | 1.6 |
| 22:15 | 1.6 | 338.3 | .06 | 1.5 | 342.9 | 1.5 | 347.2 | .04 | 1.5 |
| 22:20 | 1.7 | 335.8 | .04 | 1.6 | 343.2 | 1.5 | 350.3 | .05 | 1.5 |
| 22:25 | 1.7 | 326.7 | .02 | 1.6 | 335.1 | 1.5 | 344.2 | -.01 | 1.4 |
| 22:30 | 1.8 | 321.2 | .04 | 1.6 | 328.6 | 1.5 | 336.0 | .01 | 1.4 |
| 22:35 | 1.6 | 323.0 | .00 | 1.5 | 330.1 | 1.4 | 341.0 | .03 | 1.3 |
| 22:40 | 1.6 | 324.5 | .02 | 1.5 | 327.8 | 1.5 | 336.4 | .03 | 1.3 |
| 22:45 | 1.5 | 321.5 | .06 | 1.4 | 324.7 | 1.4 | 333.4 | -.11 | 1.5 |
| 22:50 | 1.4 | 324.8 | .05 | 1.4 | 326.6 | 1.4 | 329.6 | .05 | 1.2 |

| | 40_WD260m | 41_VWS260m | 42_WS280m | 43_WD280m | 44_VWS280m | 45_WS300m | 46_WD300m | 47_VWS300m | 48_WS320m |
|-------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|
| Time | DEG | MPH | M/SEC | DEG | MPH | M/SEC | DEG | MPH | M/SEC |
| 04:15 | | | | | | | | | |
| 04:20 | | | | | | | | | |
| 04:25 | | .11 | | | -.10 | | | -.79 | |
| 04:30 | | .05 | | | .20 | | | .19 | |
| 04:35 | | -.03 | | | .03 | | | -.05 | |
| 04:40 | 251.4 | .11 | | | .07 | | | .03 | |
| 04:45 | | .26 | | | .26 | | | .28 | |
| 04:50 | | .05 | | | .03 | | | .08 | |
| 04:55 | | .11 | | | .14 | | | .16 | |
| 05:00 | 247.7 | .04 | | | .02 | | | .11 | |
| 05:05 | 247.8 | .01 | | | -.03 | | | .06 | |
| 05:10 | | .07 | | | .05 | | | -.04 | |
| 05:15 | 250.9 | .12 | | | .11 | | | .02 | |
| 05:20 | 251.1 | .13 | | | .21 | | | .32 | |
| 05:25 | | .14 | | | .04 | | | .01 | |
| 05:30 | | .04 | | | -.06 | | | -.32 | |
| 05:35 | | | | | | | | | |
| 05:40 | | | | | | | | | |
| 05:45 | | | | | | | | | |
| 05:50 | | | | | | | | | |
| 05:55 | | | | | | | | | |
| 06:00 | 253.8 | -.39 | | | -.30 | | | -.05 | |
| 06:05 | | .08 | | | .08 | | | .00 | |
| 06:10 | | .13 | | | .00 | | | .22 | |
| 06:15 | | .01 | | | -.13 | | | .46 | |
| 06:20 | | | | | | | | | |
| 06:25 | | | | | | | | | |
| 06:30 | 246.6 | .07 | | | .18 | | | .11 | |
| 06:35 | 246.4 | .15 | | | .20 | | | .05 | |
| 06:40 | 243.6 | .11 | | | .14 | | | .18 | |
| 06:45 | | .14 | | | .01 | | | .07 | |
| 06:50 | | .13 | | | .16 | | | .28 | |
| 06:55 | | -.01 | | | .01 | | | .60 | |
| 07:00 | | | | | | | | | |
| 07:05 | | | | | | | | | |
| 07:10 | | .16 | | | .24 | | | .19 | |
| 07:15 | | .01 | | | -.07 | | | .10 | |
| 07:20 | 247.0 | .09 | | | .13 | | | .16 | |
| 07:25 | | .04 | | | .03 | | | .05 | |
| 07:30 | | .20 | | | .29 | | | .29 | |
| 07:35 | | .07 | | | .11 | | | .05 | |
| 07:40 | | .11 | | | .18 | | | .17 | |
| 07:45 | | .08 | | | .11 | | | -.02 | |
| 07:50 | | .04 | | | .17 | | | .09 | |
| 07:55 | | .00 | | | -.02 | | | .00 | |
| 08:00 | | .09 | | | .07 | | | .14 | |
| 08:05 | | .11 | | | .10 | | | .14 | |
| 08:10 | | -.04 | | | -.04 | | | .01 | |
| 08:15 | | .04 | | | .01 | | | .01 | |
| 08:20 | | .02 | | | .09 | | | .00 | |
| 08:25 | | -.04 | | | -.06 | | | -.16 | |
| 08:30 | | .12 | | | .13 | | | .08 | |
| 08:35 | | .02 | | | .04 | | | .01 | |
| 08:40 | | .11 | | | .07 | | | .04 | |
| 08:45 | | -.01 | | | -.01 | | | -.04 | |
| 08:50 | | -.04 | | | -.08 | | | -.06 | |

| | 40_WD260m | 41_VWS260m | 42_WS280m | 43_WD280m | 44_VWS280m | 45_WS300m | 46_WD300m | 47_VWS300m | 48_WS320m |
|-------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|
| Time | DEG | MPH | M/SEC | DEG | MPH | M/SEC | DEG | MPH | M/SEC |
| 08:55 | | .01 | | | .07 | | | .00 | |
| 09:00 | | .10 | | | .10 | | | .14 | |
| 09:05 | | -.03 | | | .04 | | | .01 | |
| 09:10 | 259.1 | .09 | | | .12 | | | .10 | |
| 09:15 | | -.03 | | | -.04 | | | .01 | |
| 09:20 | 246.5 | .10 | | | .03 | | | .11 | |
| 09:25 | | .32 | | | .27 | | | .16 | |
| 09:30 | 211.0 | .06 | | | -.02 | | | -.18 | |
| 09:35 | 235.7 | .07 | 2.3 | 231.0 | .08 | | | .10 | |
| 09:40 | 242.1 | .13 | 3.0 | 244.8 | .12 | | | .16 | |
| 09:45 | 231.4 | .10 | 3.2 | 232.6 | -.06 | 3.3 | 228.4 | -.14 | |
| 09:50 | 222.4 | .33 | 2.4 | 227.0 | .35 | 2.5 | 226.3 | .45 | |
| 09:55 | 215.8 | .47 | 2.2 | 217.1 | .42 | 2.3 | 209.6 | .39 | 2.3 |
| 10:00 | 194.1 | .35 | 2.2 | 202.6 | .31 | 2.3 | 206.3 | .18 | 2.6 |
| 10:05 | 231.1 | -.14 | 2.6 | 230.3 | -.08 | 2.6 | 225.6 | -.11 | 3.7 |
| 10:10 | 231.7 | .16 | 2.5 | 222.4 | .19 | 2.7 | 215.0 | .27 | 3.9 |
| 10:15 | 227.5 | .61 | 1.2 | 214.3 | .49 | 1.3 | 194.9 | .48 | 1.4 |
| 10:20 | 182.9 | .50 | .9 | 195.3 | .47 | 1.0 | 204.4 | .46 | 1.5 |
| 10:25 | 209.6 | 1.16 | .9 | 199.8 | 1.14 | .9 | 146.5 | 1.07 | 1.4 |
| 10:30 | 140.9 | .84 | 1.2 | 150.5 | .75 | 1.2 | 146.6 | .63 | .9 |
| 10:35 | 194.3 | .90 | 1.2 | 186.0 | .94 | 1.2 | 176.9 | .99 | 1.6 |
| 10:40 | 211.5 | .88 | 1.3 | 190.3 | .94 | 1.2 | 184.1 | .91 | |
| 10:45 | 173.9 | .16 | 2.0 | 181.0 | .19 | 1.9 | 186.4 | .21 | |
| 10:50 | 252.0 | -.19 | 1.2 | 254.7 | -.02 | 1.1 | 239.4 | -.01 | 1.0 |
| 10:55 | 303.2 | -.60 | 1.2 | 299.3 | -.70 | 1.0 | 273.7 | -.81 | 1.2 |
| 11:00 | 247.6 | .57 | 1.3 | 237.4 | .46 | 1.2 | 220.1 | .62 | 1.2 |
| 11:05 | 206.1 | 1.25 | 2.0 | 204.0 | 1.28 | 2.1 | 203.4 | 1.17 | 2.2 |
| 11:10 | 58.1 | .53 | 1.4 | 50.4 | .46 | 1.3 | 72.2 | .58 | 1.1 |
| 11:15 | 175.9 | -.79 | 2.0 | 164.2 | -.94 | 2.3 | 164.8 | -1.02 | 2.0 |
| 11:20 | 187.9 | -.30 | 1.5 | 206.2 | -.30 | 1.5 | 211.9 | -.27 | 1.9 |
| 11:25 | 211.9 | .28 | 2.2 | 228.9 | .19 | 2.3 | 228.4 | .28 | 2.9 |
| 11:30 | 154.6 | -1.02 | 2.0 | 153.7 | -.99 | 1.8 | 168.1 | -.65 | 1.6 |
| 11:35 | 148.7 | .39 | 3.6 | 150.5 | .27 | 3.5 | 152.3 | .22 | 3.6 |
| 11:40 | 162.7 | .09 | 1.8 | 150.5 | .20 | 2.2 | 134.2 | .13 | 1.9 |
| 11:45 | 182.6 | .91 | 2.1 | 183.9 | .90 | 2.1 | 187.4 | .97 | 2.0 |
| 11:50 | 211.1 | 1.13 | 1.6 | 214.8 | 1.10 | 1.6 | 221.1 | 1.12 | 1.5 |
| 11:55 | 157.9 | .85 | 1.2 | 159.6 | .84 | 1.3 | 139.7 | .82 | 1.1 |
| 12:00 | 135.0 | 1.36 | 1.0 | 127.1 | 1.38 | 1.1 | 121.4 | 1.34 | 1.6 |
| 12:05 | 126.3 | .91 | 1.2 | 137.0 | .85 | 1.4 | 147.2 | .66 | 1.5 |
| 12:10 | 184.8 | .05 | 2.0 | 189.5 | .09 | 1.8 | 185.6 | .16 | 2.5 |
| 12:15 | 175.6 | .64 | 1.5 | 171.1 | .78 | 1.4 | 155.9 | .72 | 1.9 |
| 12:20 | 94.4 | .60 | 1.9 | 101.5 | .67 | 2.2 | 106.8 | .69 | 2.0 |
| 12:25 | 121.5 | .65 | 1.9 | 117.2 | .65 | 1.6 | 122.9 | .57 | 1.8 |
| 12:30 | 175.0 | 1.15 | 1.8 | 187.4 | 1.15 | 1.6 | 179.2 | 1.17 | 1.7 |
| 12:35 | 164.3 | .60 | 2.2 | 161.8 | .64 | 1.9 | 179.9 | .68 | 1.8 |
| 12:40 | 209.7 | -.01 | 2.2 | 205.6 | -.01 | 2.4 | 204.3 | .22 | 2.4 |
| 12:45 | 164.5 | .80 | 2.3 | 167.7 | .78 | 2.5 | 172.4 | .81 | 2.5 |
| 12:50 | 162.0 | .66 | 1.7 | 160.4 | .67 | 1.9 | 142.9 | .60 | 1.8 |
| 12:55 | 223.9 | .16 | 1.9 | 212.8 | .21 | 1.7 | 217.1 | .16 | 1.3 |
| 13:00 | 213.1 | .28 | 1.9 | 198.1 | .26 | 2.2 | 195.5 | .14 | 2.9 |
| 13:05 | 254.8 | -.16 | 2.5 | 253.2 | -.02 | 2.9 | 257.2 | .12 | 2.7 |
| 13:10 | 230.1 | 1.37 | 3.1 | 232.6 | 1.37 | 2.8 | 227.6 | 1.26 | 3.1 |
| 13:15 | 164.1 | 1.02 | 1.8 | 151.2 | 1.08 | 1.9 | 142.2 | .98 | 1.7 |
| 13:20 | 126.4 | -.12 | 1.7 | 114.1 | .18 | 2.2 | 113.3 | .29 | 1.7 |
| 13:25 | 123.3 | -1.27 | 2.4 | 131.5 | -1.11 | 2.1 | 139.9 | -.97 | 2.0 |
| 13:30 | 305.8 | -2.09 | 1.6 | 316.5 | -2.09 | 1.9 | 311.7 | -1.98 | 2.1 |

| | 40_WD260m | 41_VWS260m | 42_WS280m | 43_WD280m | 44_VWS280m | 45_WS300m | 46_WD300m | 47_VWS300m | 48_WS320m |
|-------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|
| Time | DEG | MPH | M/SEC | DEG | MPH | M/SEC | DEG | MPH | M/SEC |
| 13:35 | 177.2 | .53 | 1.7 | 190.8 | .46 | 1.9 | 195.8 | .28 | 2.1 |
| 13:40 | 123.8 | .64 | 2.5 | 121.6 | .72 | 2.9 | 119.4 | .84 | 3.1 |
| 13:45 | 63.8 | 1.17 | 1.7 | 67.3 | 1.06 | 1.9 | 66.4 | .94 | 2.4 |
| 13:50 | 68.0 | .52 | 1.3 | 81.2 | .35 | 1.4 | 91.1 | .12 | 1.7 |
| 13:55 | 277.4 | -1.44 | 1.6 | 271.2 | -1.44 | 1.6 | 265.5 | -1.44 | 1.5 |
| 14:00 | 237.1 | -.44 | 1.9 | 231.8 | -.50 | 1.7 | 198.7 | -.64 | 1.4 |
| 14:05 | 209.3 | -.80 | 2.3 | 210.8 | -.77 | 2.0 | 213.5 | -.77 | 2.0 |
| 14:10 | 265.7 | -1.07 | 2.6 | 264.6 | -1.23 | 2.7 | 274.0 | -1.31 | 2.2 |
| 14:15 | 254.5 | -.56 | 2.7 | 247.6 | -.56 | 2.7 | 243.1 | -.59 | 2.9 |
| 14:20 | 225.3 | -.51 | 2.9 | 228.3 | -.46 | 3.1 | 231.6 | -.50 | 3.6 |
| 14:25 | 285.1 | -1.02 | 2.3 | 287.5 | -1.10 | 2.2 | 289.3 | -1.11 | 2.2 |
| 14:30 | 259.6 | .10 | 4.0 | 262.4 | .04 | 3.7 | 266.4 | .14 | 3.5 |
| 14:35 | 207.3 | .86 | 1.6 | 206.3 | .98 | 1.8 | 217.8 | 1.19 | 1.7 |
| 14:40 | 171.9 | 1.02 | 1.8 | 169.3 | .92 | 1.8 | 179.4 | .78 | 1.8 |
| 14:45 | 288.0 | 1.29 | 1.6 | 299.2 | 1.35 | 1.7 | 297.7 | 1.31 | 1.8 |
| 14:50 | 248.8 | -1.12 | 2.3 | 236.0 | -1.36 | 2.7 | 229.9 | -1.45 | 2.6 |
| 14:55 | 267.7 | -.09 | 3.0 | 270.8 | -.16 | 3.0 | 267.5 | .02 | 3.0 |
| 15:00 | 214.4 | -.57 | 2.8 | 211.1 | -.57 | 2.7 | 209.9 | -.48 | 3.0 |
| 15:05 | 205.7 | .92 | 3.4 | 201.9 | .68 | 3.5 | 197.9 | .59 | 3.2 |
| 15:10 | 254.5 | -.45 | 3.4 | 256.2 | -.31 | 3.5 | 256.3 | -.48 | 3.5 |
| 15:15 | 253.7 | -.02 | 3.0 | 247.8 | .03 | 2.7 | 245.2 | .29 | 2.0 |
| 15:20 | 258.2 | -.24 | 1.9 | 252.6 | -.13 | 2.2 | 248.4 | -.24 | 1.6 |
| 15:25 | 248.8 | -.57 | 2.6 | 257.3 | -.54 | 2.7 | 258.1 | -.75 | 3.3 |
| 15:30 | 270.7 | -.48 | 1.8 | 266.5 | -.39 | 1.7 | 254.5 | -.16 | 1.8 |
| 15:35 | 243.1 | -.70 | 2.7 | 237.7 | -.56 | 2.2 | 228.8 | -.43 | 2.3 |
| 15:40 | 193.2 | 1.66 | 1.8 | 196.2 | 1.79 | 1.7 | 197.1 | 1.73 | 1.5 |
| 15:45 | 180.6 | -.31 | 2.1 | 183.9 | -.12 | 2.0 | 194.5 | .08 | 1.9 |
| 15:50 | 244.9 | -.22 | 2.4 | 244.7 | -.34 | 2.1 | 239.2 | -.29 | 1.6 |
| 15:55 | 234.7 | .13 | 3.0 | 232.1 | .19 | 3.0 | 230.8 | .09 | |
| 16:00 | 221.7 | .55 | 2.0 | 221.2 | .55 | 1.9 | 220.5 | .46 | 1.9 |
| 16:05 | 181.1 | .46 | 3.7 | 180.7 | .44 | 4.0 | 177.8 | .51 | 3.9 |
| 16:10 | 236.8 | .45 | 1.5 | 228.5 | .33 | 1.3 | 205.4 | .44 | 1.6 |
| 16:15 | 276.2 | .04 | 2.0 | 271.2 | .10 | 2.2 | 267.2 | .53 | 2.6 |
| 16:20 | 233.4 | .47 | 2.3 | 238.0 | .56 | 2.2 | 241.9 | .67 | 2.4 |
| 16:25 | 138.1 | 1.17 | 1.4 | 128.5 | 1.09 | 1.4 | 127.0 | .87 | 1.4 |
| 16:30 | 315.5 | 1.08 | 1.7 | 340.1 | .94 | 1.5 | 353.2 | .77 | 1.6 |
| 16:35 | 331.5 | -.31 | 2.2 | 337.8 | .06 | 2.0 | 341.9 | .40 | 1.9 |
| 16:40 | 321.0 | .16 | 1.7 | 320.5 | .34 | 1.7 | 340.7 | .71 | 1.8 |
| 16:45 | 248.7 | .60 | 2.3 | 248.8 | .50 | 2.2 | 244.9 | .67 | 1.6 |
| 16:50 | 243.4 | 1.60 | 1.4 | 248.0 | 1.54 | 1.4 | 252.2 | 1.55 | 1.4 |
| 16:55 | 201.6 | .60 | 1.5 | 198.8 | .59 | 1.7 | 205.3 | .63 | 1.5 |
| 17:00 | 266.0 | .44 | 2.5 | 266.5 | .45 | 3.3 | 267.3 | .43 | 2.4 |
| 17:05 | 257.7 | 1.00 | 2.5 | 253.7 | .97 | 2.3 | 256.8 | 1.01 | 1.9 |
| 17:10 | 288.4 | .51 | 2.8 | 283.7 | .65 | 2.8 | 279.1 | .75 | 2.9 |
| 17:15 | 204.0 | .18 | 1.5 | 196.1 | .28 | 1.5 | 190.7 | .21 | 1.7 |
| 17:20 | 188.4 | .21 | 1.7 | 182.3 | .06 | 1.8 | 182.0 | -.10 | 1.6 |
| 17:25 | 259.1 | -1.74 | 1.4 | 261.3 | -1.94 | 1.5 | 265.4 | -2.14 | 1.7 |
| 17:30 | 278.5 | -.84 | 3.0 | 285.9 | -1.01 | 3.1 | 287.4 | -.93 | 2.7 |
| 17:35 | 295.3 | -.82 | 2.7 | 292.5 | -.59 | 2.7 | 294.4 | -.27 | 2.4 |
| 17:40 | 287.5 | .08 | 1.2 | 299.3 | .05 | 1.2 | 295.3 | .08 | 1.0 |
| 17:45 | 212.4 | -.40 | 1.0 | 171.5 | -.53 | 1.0 | 131.6 | -.79 | 1.0 |
| 17:50 | 184.0 | .34 | 2.1 | 187.7 | .45 | 2.2 | 191.9 | .37 | 2.6 |
| 17:55 | 189.1 | .91 | .9 | 187.4 | .97 | 1.1 | 166.7 | .98 | 1.4 |
| 18:00 | 281.5 | .57 | 1.0 | 280.0 | .54 | 1.0 | 278.2 | .55 | 1.0 |
| 18:05 | 280.5 | .48 | 1.1 | 270.2 | .44 | 1.2 | 258.5 | .45 | 1.1 |
| 18:10 | 231.0 | .70 | 1.8 | 231.8 | .68 | 1.7 | 219.3 | .69 | 2.0 |

| | 40_WD260m | 41_VWS260m | 42_WS280m | 43_WD280m | 44_VWS280m | 45_WS300m | 46_WD300m | 47_VWS300m | 48_WS320m |
|-------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|
| Time | DEG | MPH | M/SEC | DEG | MPH | M/SEC | DEG | MPH | M/SEC |
| 18:15 | 212.7 | -.31 | .8 | 229.1 | -.19 | 1.3 | 265.6 | -.02 | 1.8 |
| 18:20 | 198.9 | -.36 | 2.2 | 198.9 | -.42 | 2.2 | 202.0 | -.42 | 2.1 |
| 18:25 | 180.2 | -.17 | 1.1 | 179.3 | -.03 | .9 | 188.9 | -.01 | 1.3 |
| 18:30 | 186.7 | .05 | 1.3 | 186.9 | .10 | 1.2 | 168.1 | .02 | 1.2 |
| 18:35 | 168.5 | .17 | 1.6 | 167.8 | .10 | 1.6 | 172.6 | .06 | 1.7 |
| 18:40 | 177.0 | -.75 | 1.6 | 168.7 | -.85 | 1.5 | 180.5 | -.78 | 1.4 |
| 18:45 | 305.3 | -1.02 | 1.5 | 298.1 | -1.17 | 1.6 | 293.2 | -1.21 | 2.0 |
| 18:50 | 295.5 | -1.11 | 1.0 | 291.6 | -1.06 | .9 | 288.7 | -1.19 | .8 |
| 18:55 | 238.4 | -1.32 | 1.1 | 241.0 | -1.29 | 1.0 | 254.8 | -1.34 | .9 |
| 19:00 | 307.4 | -1.11 | 1.5 | 302.6 | -1.12 | 1.7 | 305.7 | -1.13 | 1.6 |
| 19:05 | 292.8 | .08 | 2.3 | 294.0 | -.05 | 2.1 | 292.4 | -.17 | 2.4 |
| 19:10 | 292.5 | .01 | 1.1 | 286.5 | -.08 | 1.1 | 291.7 | -.04 | 1.4 |
| 19:15 | 257.0 | -.60 | 2.0 | 258.1 | -.49 | 2.0 | 266.2 | -.43 | 2.3 |
| 19:20 | 277.5 | .11 | 1.4 | 281.3 | .11 | 1.6 | 288.6 | .09 | 1.9 |
| 19:25 | 281.2 | -.25 | .6 | 286.7 | -.17 | .7 | 290.5 | -.19 | 1.1 |
| 19:30 | 296.5 | -.26 | .7 | 302.5 | -.21 | .9 | 310.6 | -.14 | 1.0 |
| 19:35 | 330.5 | .18 | .8 | 330.9 | .24 | .9 | 332.3 | .23 | 1.0 |
| 19:40 | 294.9 | .16 | .6 | 325.7 | .16 | .6 | 358.8 | .04 | .7 |
| 19:45 | 116.0 | .15 | .5 | 84.5 | .09 | .8 | 94.8 | .13 | .7 |
| 19:50 | 106.3 | .27 | .7 | 100.7 | .26 | .7 | 91.6 | .32 | .9 |
| 19:55 | 99.9 | .24 | .7 | 102.1 | .21 | .9 | 96.9 | .31 | 1.1 |
| 20:00 | 72.8 | .12 | .6 | 55.9 | .12 | .8 | 56.8 | .14 | .7 |
| 20:05 | 18.3 | .35 | .6 | 10.2 | .35 | .6 | 14.4 | .46 | .7 |
| 20:10 | 43.6 | -.07 | .6 | 38.8 | -.02 | .6 | 49.5 | .07 | .7 |
| 20:15 | 63.9 | -.33 | .7 | 58.7 | -.35 | .7 | 57.3 | -.38 | .7 |
| 20:20 | 81.8 | -.24 | .6 | 64.3 | -.21 | .7 | 36.9 | -.26 | .9 |
| 20:25 | 49.1 | -.05 | .6 | 30.8 | -.01 | .7 | 32.0 | -.02 | 1.0 |
| 20:30 | 14.2 | .02 | .6 | 9.3 | .11 | .8 | 355.0 | .10 | 1.0 |
| 20:35 | 23.5 | .15 | .7 | 13.9 | .06 | .9 | 17.5 | .19 | 1.4 |
| 20:40 | 6.1 | .08 | .9 | .9 | .06 | 1.0 | 28.1 | -.02 | .7 |
| 20:45 | 18.2 | .09 | .8 | 12.9 | .15 | .9 | 30.7 | .22 | 1.1 |
| 20:50 | 26.5 | .27 | .5 | 32.2 | .33 | .6 | 47.3 | .35 | .8 |
| 20:55 | 314.6 | .03 | .6 | 337.5 | .06 | .7 | 48.3 | .09 | .8 |
| 21:00 | 321.6 | .00 | .6 | 14.7 | .00 | .6 | 69.4 | .19 | .7 |
| 21:05 | 38.2 | .08 | .7 | 61.5 | .10 | .7 | 75.9 | .12 | 1.1 |
| 21:10 | 32.3 | .06 | .6 | 57.2 | .07 | .7 | 72.3 | .13 | .9 |
| 21:15 | 23.8 | -.08 | 1.0 | 31.5 | -.03 | 1.0 | 38.3 | -.06 | 1.1 |
| 21:20 | 18.7 | .08 | 1.0 | 32.3 | .09 | 1.3 | 60.3 | .10 | 1.2 |
| 21:25 | 358.1 | .15 | 1.3 | 358.5 | .12 | 1.3 | 22.6 | .06 | 1.2 |
| 21:30 | 356.1 | -.09 | 1.5 | 8.4 | -.13 | 1.7 | 24.6 | -.17 | 1.6 |
| 21:35 | 8.4 | .04 | 1.7 | 16.8 | .03 | 1.7 | 16.9 | .13 | 1.5 |
| 21:40 | 7.5 | -.02 | 1.3 | 17.1 | -.01 | 1.3 | 30.9 | -.01 | 1.6 |
| 21:45 | 9.5 | .02 | 1.2 | 18.2 | -.01 | 1.2 | 35.8 | -.04 | 1.4 |
| 21:50 | 3.5 | .03 | 1.2 | 20.0 | .06 | 1.3 | 29.6 | .03 | 1.7 |
| 21:55 | 2.7 | -.07 | 1.5 | 17.4 | -.11 | 1.4 | 29.2 | -.09 | 1.3 |
| 22:00 | 356.2 | -.10 | 1.6 | 5.8 | -.13 | 1.5 | 26.7 | .00 | 1.6 |
| 22:05 | 2.6 | -.03 | 1.6 | 6.4 | -.07 | 1.7 | 14.4 | -.03 | |
| 22:10 | 359.8 | .08 | 1.6 | 4.2 | .00 | 1.5 | 9.8 | .08 | 1.3 |
| 22:15 | 356.1 | .03 | 1.4 | 6.3 | .07 | 1.3 | 18.4 | .04 | 1.3 |
| 22:20 | 355.5 | .03 | 1.6 | 11.7 | .06 | 1.3 | 12.6 | .05 | 1.5 |
| 22:25 | 355.8 | -.03 | 1.6 | 4.7 | -.09 | 1.8 | 11.8 | -.24 | 2.6 |
| 22:30 | 350.8 | .01 | 1.4 | 359.7 | .02 | 1.4 | 12.5 | .07 | 1.6 |
| 22:35 | 351.7 | .02 | 1.4 | 4.8 | .01 | 1.5 | 19.7 | -.13 | .6 |
| 22:40 | 344.1 | .00 | 1.4 | 357.7 | -.02 | 1.4 | 12.7 | -.21 | 1.5 |
| 22:45 | 335.3 | .04 | 1.4 | 346.4 | -.08 | 1.6 | 24.9 | .10 | |
| 22:50 | 340.2 | .08 | 1.3 | 357.2 | -.12 | | | .11 | |

Daily Summary Report

Site: Lidar "Q" (PAM35)

5/10/2022

Interval: 005m

| | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 00:00 | | | | | | | |
| 00:05 | | | | | | | |
| 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 | | | | | | | |
| 02:15 | | | | | | | |
| 02:20 | | | | | | | |
| 02:25 | | | | | | | |
| 02:30 | | | | | | | |
| 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 | | | | | | | |

| | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | DEG | 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 | | | | | | | |
| 05:20 | | | | | | | |
| 05:25 | | | | | | | |
| 05:30 | | | | | | | |
| 05:35 | | | | | | | |
| 05:40 | | | | | | | |
| 05:45 | | | | | | | |
| 05:50 | | | | | | | |
| 05:55 | | | | | | | |
| 06:00 | | | | | | | |
| 06:05 | | | | | | | |
| 06:10 | | | | | | | |
| 06:15 | | | | | | | |
| 06:20 | | | | | | | |
| 06:25 | | | | | | | |
| 06:30 | | | | | | | |
| 06:35 | | | | | | | |
| 06:40 | | | | | | | |
| 06:45 | | | | | | | |
| 06:50 | | | | | | | |
| 06:55 | | | | | | | |
| 07:00 | | | | | | | |
| 07:05 | | | | | | | |
| 07:10 | | | | | | | |
| 07:15 | | | | | | | |
| 07:20 | | | | | | | |
| 07:25 | | | | | | | |
| 07:30 | | | | | | | |
| 07:35 | | | | | | | |
| 07:40 | | | | | | | |
| 07:45 | | | | | | | |
| 07:50 | | | | | | | |
| 07:55 | | | | | | | |
| 08:00 | | | | | | | |
| 08:05 | | | | | | | |
| 08:10 | | | | | | | |
| 08:15 | | | | | | | |
| 08:20 | | | | | | | |
| 08:25 | | | | | | | |
| 08:30 | | | | | | | |
| 08:35 | | | | | | | |
| 08:40 | | | | | | | |
| 08:45 | | | | | | | |
| 08:50 | | | | | | | |

| | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | 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 | 201.8 | | | | | | |
| 10:00 | 200.6 | | | | | | |
| 10:05 | 226.2 | | | | | | |
| 10:10 | 211.1 | | | | | | |
| 10:15 | 193.8 | 2.1 | 240.7 | 2.4 | 230.6 | | |
| 10:20 | 235.5 | 1.0 | 225.8 | | | | |
| 10:25 | 244.4 | | | | | | |
| 10:30 | 154.5 | 1.3 | 125.5 | | | | |
| 10:35 | 187.7 | | | | | | |
| 10:40 | | | | | | | |
| 10:45 | | | | | | | |
| 10:50 | 217.6 | 1.3 | 225.3 | | | | |
| 10:55 | 268.0 | 1.0 | 247.2 | 1.5 | 195.8 | | |
| 11:00 | 216.5 | 1.5 | 217.9 | | | | |
| 11:05 | 192.6 | 1.9 | 192.8 | 2.1 | 197.8 | | |
| 11:10 | 93.3 | .5 | 209.2 | .9 | 104.9 | | |
| 11:15 | 164.8 | 2.2 | 173.3 | | | | |
| 11:20 | 188.7 | 2.1 | 218.9 | 2.5 | 238.0 | | |
| 11:25 | 231.1 | 1.7 | 229.0 | | | | |
| 11:30 | 185.2 | 1.1 | 168.7 | | | | |
| 11:35 | 150.6 | | | | | | |
| 11:40 | 137.4 | 2.3 | 130.5 | 3.1 | 125.2 | | |
| 11:45 | 177.6 | 1.4 | 197.0 | | | | |
| 11:50 | 208.8 | | | | | | |
| 11:55 | 141.5 | .8 | 200.3 | | | | |
| 12:00 | 112.0 | | | | | | |
| 12:05 | 132.2 | | | | | | |
| 12:10 | 167.1 | | | | | | |
| 12:15 | 154.2 | 1.7 | 188.9 | 1.4 | 209.6 | | |
| 12:20 | 115.5 | | | | | | |
| 12:25 | 122.8 | 1.6 | 143.7 | | | | |
| 12:30 | 204.0 | | | | | | |
| 12:35 | 199.7 | | | | | | |
| 12:40 | 177.1 | 3.0 | 183.2 | | | | |
| 12:45 | 186.1 | 2.0 | 154.3 | | | | |
| 12:50 | 137.3 | 1.2 | 108.7 | 1.4 | 92.3 | | |
| 12:55 | 188.3 | 1.7 | 151.7 | | | | |
| 13:00 | 214.4 | 4.0 | 210.4 | | | | |
| 13:05 | 256.8 | 3.2 | 248.3 | | | | |
| 13:10 | 231.6 | 1.8 | 221.2 | 3.3 | 217.3 | | |
| 13:15 | 136.4 | 2.1 | 195.7 | | | | |
| 13:20 | 129.7 | 2.6 | 147.6 | | | | |
| 13:25 | 166.4 | 2.1 | 177.1 | | | | |
| 13:30 | 308.5 | | | 1.7 | 321.5 | | |

| | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 13:35 | 182.2 | 1.7 | 260.0 | | | | |
| 13:40 | 118.8 | 1.6 | 132.3 | 2.8 | 129.2 | | |
| 13:45 | 62.8 | 1.4 | 61.3 | | | | |
| 13:50 | 96.8 | 1.0 | 136.9 | | | | |
| 13:55 | 253.4 | 1.1 | 250.0 | 1.1 | 256.1 | | |
| 14:00 | 208.8 | 3.8 | 205.9 | | | | |
| 14:05 | 222.1 | 1.5 | 227.4 | 2.9 | 235.0 | | |
| 14:10 | 281.9 | 2.0 | 291.3 | | | | |
| 14:15 | 243.0 | 2.2 | 229.5 | 2.9 | 217.9 | | |
| 14:20 | 228.5 | 3.3 | 229.1 | | | | |
| 14:25 | 279.4 | 1.8 | 275.0 | | | | |
| 14:30 | 267.3 | 2.7 | 269.3 | | | | |
| 14:35 | 206.4 | 1.5 | 209.7 | | | | |
| 14:40 | 187.2 | | | | | | |
| 14:45 | 294.4 | .8 | 288.1 | 2.2 | 277.2 | | |
| 14:50 | 218.3 | 4.5 | 227.8 | | | | |
| 14:55 | 275.8 | 2.1 | 275.6 | | | | |
| 15:00 | 205.9 | 3.3 | 231.9 | | | | |
| 15:05 | 185.2 | 2.6 | 170.1 | | | | |
| 15:10 | 257.7 | | | | | | |
| 15:15 | 237.0 | 1.2 | 203.8 | | | | |
| 15:20 | 227.9 | | | | | | |
| 15:25 | 261.0 | 2.3 | 280.4 | | | | |
| 15:30 | 262.8 | 1.6 | 257.1 | | | | |
| 15:35 | 216.9 | | | | | | |
| 15:40 | 198.7 | 1.5 | 212.7 | | | | |
| 15:45 | 198.9 | 1.2 | 196.9 | | | | |
| 15:50 | 232.7 | 1.9 | 216.4 | | | | |
| 15:55 | | 3.8 | 214.8 | | | | |
| 16:00 | 215.9 | 2.1 | 216.1 | 1.9 | 219.7 | | |
| 16:05 | 184.1 | 3.9 | 185.5 | | | | |
| 16:10 | 249.4 | | | | | | |
| 16:15 | 261.8 | 1.7 | 260.7 | 3.2 | 258.4 | | |
| 16:20 | 236.6 | 2.6 | 230.4 | 2.4 | 234.0 | | |
| 16:25 | 140.9 | 1.9 | 217.0 | 2.1 | 184.0 | | |
| 16:30 | .8 | 1.1 | 2.8 | 1.9 | 358.4 | | |
| 16:35 | 2.7 | 1.5 | 20.0 | 1.6 | 360.0 | | |
| 16:40 | 294.7 | 1.6 | 327.3 | 2.4 | 97.3 | | |
| 16:45 | 239.6 | .8 | 238.9 | | | | |
| 16:50 | 264.8 | 2.4 | 254.3 | | | | |
| 16:55 | 175.1 | | | | | | |
| 17:00 | 256.6 | 1.4 | 271.8 | | | | |
| 17:05 | 260.3 | 2.1 | 260.4 | | | | |
| 17:10 | 278.3 | 1.1 | 280.8 | | | | |
| 17:15 | 192.7 | 1.6 | 185.5 | | | | |
| 17:20 | 179.4 | 1.4 | 183.5 | 1.8 | 165.2 | | |
| 17:25 | 273.6 | .5 | 249.9 | 1.2 | 269.8 | | |
| 17:30 | 292.9 | | | | | | |
| 17:35 | 292.8 | 2.6 | 286.2 | | | | |
| 17:40 | 299.0 | 1.2 | 287.0 | .9 | 53.2 | | |
| 17:45 | 118.6 | 1.4 | 132.7 | .9 | 148.8 | | |
| 17:50 | 187.6 | 2.4 | 182.9 | 2.5 | 186.5 | | |
| 17:55 | 180.4 | 1.5 | 204.7 | | | | |
| 18:00 | 274.7 | .9 | 261.4 | 2.0 | 153.7 | | |
| 18:05 | 245.9 | .9 | 237.5 | | | | |
| 18:10 | 233.1 | | | | | | |

| | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 18:15 | 270.9 | 1.8 | 274.7 | | | | |
| 18:20 | 217.2 | | | | | | |
| 18:25 | 210.7 | 1.8 | 230.2 | | | | |
| 18:30 | 152.3 | 1.4 | 129.5 | | | | |
| 18:35 | 157.3 | 1.7 | 166.7 | | | | |
| 18:40 | 201.9 | | | | | | |
| 18:45 | 286.7 | 1.6 | 277.3 | | | | |
| 18:50 | 305.5 | | | | | | |
| 18:55 | 252.6 | 1.4 | 264.2 | | | | |
| 19:00 | 303.9 | .9 | 293.2 | | | | |
| 19:05 | 288.8 | | | | | | |
| 19:10 | 283.4 | .8 | 346.1 | 1.3 | 285.3 | | |
| 19:15 | 268.4 | 4.1 | 269.6 | 1.8 | 279.5 | | |
| 19:20 | 303.6 | 2.2 | 299.5 | | | | |
| 19:25 | 285.7 | .5 | 10.7 | | | | |
| 19:30 | 301.3 | | | | | | |
| 19:35 | 339.9 | .9 | 288.3 | | | | |
| 19:40 | 350.6 | .8 | 92.8 | | | | |
| 19:45 | 58.7 | 1.7 | 84.0 | | | | |
| 19:50 | 86.0 | 1.3 | 93.1 | | | | |
| 19:55 | 101.8 | .8 | 171.4 | .4 | 232.1 | | |
| 20:00 | 24.5 | | | | | | |
| 20:05 | 9.2 | 1.8 | 311.1 | | | | |
| 20:10 | 316.4 | 1.7 | 326.5 | | | | |
| 20:15 | 55.4 | .5 | 165.1 | | | | |
| 20:20 | 61.9 | | | | | | |
| 20:25 | 345.3 | | | | | | |
| 20:30 | 340.5 | | | | | | |
| 20:35 | 334.2 | .8 | 51.2 | | | | |
| 20:40 | 42.8 | | | | | | |
| 20:45 | 51.9 | 1.9 | 69.1 | | | | |
| 20:50 | 53.5 | 1.9 | 275.4 | | | | |
| 20:55 | 44.2 | 1.0 | 14.4 | | | | |
| 21:00 | 75.0 | | | | | | |
| 21:05 | 92.5 | .4 | 88.2 | 2.6 | 86.2 | | |
| 21:10 | 82.7 | 1.0 | 67.5 | 2.2 | 79.1 | | |
| 21:15 | 44.8 | 1.0 | 52.6 | | | | |
| 21:20 | 69.2 | .7 | 49.4 | | | | |
| 21:25 | 30.2 | | | | | | |
| 21:30 | 24.9 | 1.1 | 46.5 | | | | |
| 21:35 | 31.0 | 1.6 | 46.5 | | | | |
| 21:40 | 51.5 | | | | | | |
| 21:45 | 45.7 | 1.7 | 59.3 | | | | |
| 21:50 | 42.5 | 1.3 | 48.6 | | | | |
| 21:55 | 40.7 | | | | | | |
| 22:00 | 55.5 | | | | | | |
| 22:05 | | 2.5 | 65.6 | | | | |
| 22:10 | 20.1 | 1.8 | 51.2 | | | | |
| 22:15 | 39.9 | 1.2 | 49.0 | | | | |
| 22:20 | 30.8 | .6 | 40.0 | | | | |
| 22:25 | 57.5 | 3.3 | 67.8 | | | | |
| 22:30 | 21.1 | | | | | | |
| 22:35 | 1.1 | | | | | | |
| 22:40 | 29.7 | | | | | | |
| 22:45 | | | | | | | |
| 22:50 | | | | | | | |

| | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time | DEG | M/SEC | DEG | M/SEC | DEG | M/SEC | DEG |
| 22:55 | | | | | | | |
| 23:00 | | | | | | | |
| 23:05 | | | | | | | |
| 23:10 | | | | | | | |
| 23:15 | | | | | | | |
| 23:20 | | | | | | | |
| 23:25 | | | | | | | |
| 23:30 | | | | | | | |
| 23:35 | | | | | | | |
| 23:40 | | | | | | | |
| 23:45 | | | | | | | |
| 23:50 | | | | | | | |
| 23:55 | | | | | | | |
| Average | 182.0 | 1.7 | 188.3 | 2.0 | 203.0 | | |
| Max | 350.6 | 4.5 | 346.1 | 3.3 | 360.0 | | |
| Max Hour | 19:40 | 14:50 | 19:10 | 13:10 | 16:35 | | |
| Min | .8 | .4 | 2.8 | .4 | 53.2 | | |
| Count | 150 | 111 | 111 | 33 | 33 | 0 | 0 |
| Total | | | | | | | |