

## Daily Summary Report

Site: Lidar "Q" (PAM35)

11/27/2021

Interval: 005m

|       | 03_TempC_002m | 04_BP_002m | 05_RH_002m | 06_WS040m | 07_WD040m | 08_VWS040m | 09_WS060m | 10_WD060m | 11_VWS060m |
|-------|---------------|------------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | DEGC          | INHG       | PERCENT    | M/SEC     | DEG       | M/SEC      | M/SEC     | DEG       | MPH        |
| 00:00 | -1.5          | 993.00     | 84.0       | 1.3       | 228.3     | .09        | 1.2       | 262.8     | .06        |
| 00:05 | -1.5          | 993.00     | 84.0       | 1.6       | 221.6     | .19        | 1.5       | 252.4     | .12        |
| 00:10 | -1.5          | 993.00     | 84.0       | 1.6       | 239.8     | .16        | 1.6       | 265.9     | .10        |
| 00:15 | -1.5          | 993.00     | 84.0       | 1.4       | 245.3     | .03        | 1.6       | 278.7     | .06        |
| 00:20 | -1.7          | 993.00     | 84.0       | 1.4       | 237.2     | .03        | 1.8       | 279.5     | .00        |
| 00:25 | -1.7          | 993.00     | 84.0       | 1.8       | 224.3     | .16        | 2.2       | 270.3     | .06        |
| 00:30 | -1.8          | 993.00     | 87.0       | 1.9       | 209.3     | .25        | 2.3       | 239.5     | .21        |
| 00:35 | -1.8          | 993.00     | 87.0       | 2.0       | 212.3     | .18        | 2.8       | 234.2     | .20        |
| 00:40 | -1.7          | 993.00     | 87.0       | 1.9       | 221.1     | .17        | 2.8       | 238.3     | .18        |
| 00:45 | -1.7          | 993.00     | 87.0       | 2.0       | 221.4     | .20        | 2.7       | 236.8     | .20        |
| 00:50 | -1.7          | 993.00     | 85.0       | 1.9       | 218.8     | -.02       | 2.5       | 231.6     | .02        |
| 00:55 | -1.7          | 993.00     | 85.0       | 1.5       | 199.3     | .04        | 2.3       | 225.9     | .05        |
| 01:00 | -1.9          | 993.00     | 85.0       | 1.7       | 177.6     | -.09       | 2.1       | 221.2     | -.03       |
| 01:05 | -1.9          | 993.00     | 85.0       | 1.7       | 164.4     | .03        | 1.6       | 213.1     | .03        |
| 01:10 | -2.0          | 992.00     | 86.0       | 1.4       | 150.7     | -.04       | 1.4       | 200.0     | -.05       |
| 01:15 | -2.0          | 992.00     | 86.0       | .8        | 169.1     | .00        | 1.4       | 208.3     | -.01       |
| 01:20 | -2.3          | 993.00     | 87.0       | .8        | 162.0     | .04        | 1.4       | 223.6     | .01        |
| 01:25 | -2.3          | 993.00     | 87.0       | 1.0       | 158.9     | -.06       | 1.3       | 210.0     | -.03       |
| 01:30 | -2.4          | 993.00     | 85.0       | .8        | 148.8     | -.05       | 1.1       | 178.9     | -.05       |
| 01:35 | -2.4          | 993.00     | 85.0       | .7        | 129.3     | -.02       | 1.1       | 168.1     | -.04       |
| 01:40 | -2.4          | 993.00     | 85.0       | .3        | 96.5      | -.03       | 1.2       | 161.2     | -.07       |
| 01:45 | -2.4          | 993.00     | 85.0       | .4        | 169.5     | .03        | 1.3       | 173.9     | .02        |
| 01:50 | -2.5          | 993.00     | 87.0       | .7        | 152.5     | -.05       | 1.2       | 171.4     | -.03       |
| 01:55 | -2.5          | 993.00     | 87.0       | .8        | 135.5     | -.08       | .9        | 178.1     | -.05       |
| 02:00 | -2.6          | 993.00     | 87.0       | .3        | 48.9      | -.04       | .7        | 169.2     | -.05       |
| 02:05 | -2.6          | 993.00     | 87.0       | .4        | 62.2      | .01        | .8        | 166.8     | .01        |
| 02:10 | -2.7          | 993.00     | 88.0       | .6        | 50.5      | .01        | .4        | 157.2     | .03        |
| 02:15 | -2.7          | 993.00     | 88.0       | .7        | 31.5      | .01        | .3        | 244.3     | .04        |
| 02:20 | -2.7          | 993.00     | 87.0       | .7        | 31.3      | .00        | .3        | 243.5     | -.03       |
| 02:25 | -2.7          | 993.00     | 87.0       | .5        | 35.2      | .03        | .3        | 262.1     | .02        |
| 02:30 | -2.8          | 993.00     | 88.0       | .4        | 4.1       | -.01       | .5        | 269.5     | .02        |
| 02:35 | -2.8          | 993.00     | 88.0       | .4        | 358.5     | .05        | .5        | 257.9     | .04        |
| 02:40 | -2.8          | 993.00     | 88.0       | .8        | 18.1      | -.01       | .4        | 289.0     | -.01       |
| 02:45 | -2.8          | 993.00     | 88.0       | 1.2       | 10.5      | .06        | .7        | 322.1     | .05        |
| 02:50 | -2.6          | 993.00     | 88.0       | 1.4       | 8.3       | .05        | .8        | 328.5     | .03        |
| 02:55 | -2.6          | 993.00     | 88.0       | 1.2       | 11.2      | .01        | .9        | 330.7     | .00        |
| 03:00 | -2.6          | 993.00     | 88.0       | 1.1       | 8.0       | .06        | 1.0       | 322.3     | .04        |
| 03:05 | -2.6          | 993.00     | 88.0       | 1.2       | 3.5       | .07        | 1.1       | 305.0     | .08        |
| 03:10 | -2.7          | 993.00     | 87.0       | 1.2       | 7.8       | -.02       | 1.0       | 334.9     | -.07       |
| 03:15 | -2.7          | 993.00     | 87.0       | .8        | 355.6     | .00        | .9        | 331.1     | -.01       |
| 03:20 | -2.9          | 993.00     | 88.0       | 1.0       | 16.8      | .02        | .9        | 355.7     | -.05       |
| 03:25 | -2.9          | 993.00     | 88.0       | 1.2       | 16.5      | .12        | 1.2       | 356.2     | .11        |
| 03:30 | -3.0          | 993.00     | 87.0       | 1.0       | .3        | .04        | .9        | 348.1     | .03        |
| 03:35 | -3.0          | 993.00     | 87.0       | .9        | 7.7       | .08        | 1.1       | 346.8     | .06        |
| 03:40 | -3.0          | 993.00     | 88.0       | 1.3       | 14.8      | .04        | 1.4       | 350.3     | .03        |
| 03:45 | -3.0          | 993.00     | 88.0       | 1.1       | 4.3       | .11        | 1.5       | 356.1     | .14        |
| 03:50 | -3.2          | 993.00     | 88.0       | 1.3       | 1.8       | .01        | 1.3       | 350.1     | -.04       |
| 03:55 | -3.2          | 993.00     | 88.0       | .6        | 5.9       | .01        | .9        | 350.5     | -.07       |
| 04:00 | -3.3          | 993.00     | 89.0       | .3        | 347.7     | .02        | .7        | 338.6     | -.04       |
| 04:05 | -3.3          | 993.00     | 89.0       | .2        | 13.4      | .03        | .4        | 4.1       | .02        |
| 04:10 | -3.3          | 993.00     | 88.0       | .3        | .5        | -.01       | .4        | 40.6      | .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        |
| 04:15 | -3.3          | 993.00     | 88.0       | .4        | 194.0     | .02        | .4        | 148.4     | -.03       |
| 04:20 | -3.4          | 993.00     | 87.0       | .7        | 179.8     | -.02       | .5        | 207.0     | .01        |
| 04:25 | -3.4          | 993.00     | 87.0       | 1.1       | 185.1     | .05        | .7        | 199.8     | .05        |
| 04:30 | -3.4          | 993.00     | 88.0       | 1.0       | 165.8     | .05        | .6        | 168.6     | .07        |
| 04:35 | -3.4          | 993.00     | 88.0       | .8        | 153.8     | .05        | .5        | 146.9     | .01        |
| 04:40 | -3.5          | 993.00     | 89.0       | .7        | 138.6     | -.01       | .7        | 132.1     | -.03       |
| 04:45 | -3.5          | 993.00     | 89.0       | .4        | 84.2      | -.06       | .6        | 117.3     | -.04       |
| 04:50 | -3.5          | 993.00     | 88.0       | .5        | 60.1      | .00        | .8        | 138.3     | -.02       |
| 04:55 | -3.5          | 993.00     | 88.0       | .5        | 105.3     | -.03       | 1.0       | 145.2     | -.05       |
| 05:00 | -3.4          | 993.00     | 88.0       | .7        | 136.1     | .04        | 1.3       | 145.5     | .04        |
| 05:05 | -3.4          | 993.00     | 88.0       | .6        | 95.0      | -.04       | .9        | 128.4     | -.03       |
| 05:10 | -3.6          | 993.00     | 88.0       | .6        | 36.8      | .04        | .8        | 103.2     | .02        |
| 05:15 | -3.6          | 993.00     | 88.0       | .7        | 25.5      | .02        | .6        | 105.0     | -.01       |
| 05:20 | -3.5          | 993.00     | 89.0       | 1.1       | 17.6      | .05        | .7        | 69.2      | .01        |
| 05:25 | -3.5          | 993.00     | 89.0       | 1.4       | 17.5      | .00        | 1.2       | 44.3      | -.02       |
| 05:30 | -3.5          | 993.00     | 89.0       | 1.6       | 15.2      | .02        | 1.4       | 29.4      | .04        |
| 05:35 | -3.5          | 993.00     | 89.0       | 1.5       | 19.1      | -.06       | 1.5       | 20.1      | -.05       |
| 05:40 | -3.5          | 993.00     | 88.0       | 1.0       | 14.9      | .06        | 1.2       | 2.2       | .06        |
| 05:45 | -3.5          | 993.00     | 88.0       | .6        | 355.4     | -.12       | .9        | 353.6     | -.01       |
| 05:50 | -3.5          | 993.00     | 89.0       | .7        | 297.2     | .07        | .8        | 301.9     | .02        |
| 05:55 | -3.5          | 993.00     | 89.0       | 1.0       | 281.6     | .04        | 1.0       | 293.6     | .03        |
| 06:00 | -3.7          | 993.00     | 90.0       | .7        | 294.2     | -.05       | .8        | 300.1     | -.04       |
| 06:05 | -3.7          | 993.00     | 90.0       | .4        | 237.1     | -.05       | .7        | 225.4     | -.02       |
| 06:10 | -3.8          | 993.00     | 90.0       | .8        | 203.1     | .00        | 1.0       | 211.8     | .00        |
| 06:15 | -3.8          | 993.00     | 90.0       | .7        | 198.4     | -.01       | .7        | 200.3     | .02        |
| 06:20 | -3.9          | 993.00     | 90.0       | .9        | 189.6     | .04        | .9        | 199.2     | .06        |
| 06:25 | -3.9          | 993.00     | 90.0       | .7        | 187.2     | .00        | .8        | 203.8     | .05        |
| 06:30 | -3.9          | 993.00     | 89.0       | .3        | 187.2     | -.03       | .4        | 213.5     | -.01       |
| 06:35 | -3.9          | 993.00     | 89.0       | .6        | 14.8      | .04        | .3        | 350.9     | .09        |
| 06:40 | -3.9          | 993.00     | 89.0       | .8        | 12.7      | .03        | .5        | 18.0      | .01        |
| 06:45 | -3.9          | 993.00     | 89.0       | .9        | 23.1      | .07        | .7        | 19.9      | .07        |
| 06:50 | -3.8          | 993.00     | 89.0       | 1.3       | 18.6      | .04        | 1.1       | 24.6      | .08        |
| 06:55 | -3.8          | 993.00     | 89.0       | 1.5       | 16.5      | .04        | 1.4       | 12.8      | .07        |
| 07:00 | -3.7          | 993.00     | 88.0       | 1.2       | 18.2      | .03        | 1.4       | 11.9      | .12        |
| 07:05 | -3.7          | 993.00     | 88.0       | 1.2       | 14.8      | .04        | 1.3       | 15.9      | .09        |
| 07:10 | -3.7          | 993.00     | 87.0       | 1.4       | 27.4      | .02        | 1.1       | 23.9      | .06        |
| 07:15 | -3.7          | 993.00     | 87.0       | 1.2       | 33.5      | -.03       | .8        | 26.5      | -.03       |
| 07:20 | -3.8          | 993.00     | 87.0       | 1.3       | 25.9      | .00        | 1.1       | 26.6      | .02        |
| 07:25 | -3.8          | 993.00     | 87.0       | 1.4       | 22.2      | -.03       | 1.5       | 28.4      | .06        |
| 07:30 | -3.8          | 993.00     | 88.0       | 1.0       | 7.1       | -.03       | 1.4       | 23.7      | -.01       |
| 07:35 | -3.8          | 993.00     | 88.0       | .8        | 12.7      | .07        | 1.4       | 11.2      | .15        |
| 07:40 | -3.9          | 993.00     | 89.0       | .5        | 24.8      | .04        | 1.4       | 10.7      | .10        |
| 07:45 | -3.9          | 993.00     | 89.0       | .3        | 162.6     | .05        | .7        | 12.4      | .01        |
| 07:50 | -4.1          | 993.00     | 90.0       | .7        | 5.6       | .03        | 1.6       | .8        | .04        |
| 07:55 | -4.1          | 993.00     | 90.0       | .5        | 33.7      | .06        | 1.4       | 15.9      | .13        |
| 08:00 | -4.1          | 993.00     | 90.0       | .3        | 73.1      | .05        | 1.0       | 40.8      | .00        |
| 08:05 | -4.1          | 993.00     | 90.0       | .3        | 137.8     | .06        | .6        | 68.6      | -.02       |
| 08:10 | -3.9          | 993.00     | 90.0       | .7        | 179.9     | .09        | .4        | 126.3     | .02        |
| 08:15 | -3.9          | 993.00     | 90.0       | .5        | 195.1     | .07        | .2        | 29.9      | -.02       |
| 08:20 | -3.5          | 993.00     | 90.0       | .3        | 290.9     | -.01       | .4        | 345.8     | -.05       |
| 08:25 | -3.5          | 993.00     | 90.0       | .4        | 284.8     | .04        | .6        | 322.2     | -.01       |
| 08:30 | -3.3          | 993.00     | 89.0       | .4        | 325.1     | .10        | .2        | 311.6     | .06        |
| 08:35 | -3.3          | 993.00     | 89.0       | .3        | 336.2     | .28        | .5        | 320.0     | .32        |
| 08:40 | -2.9          | 993.00     | 86.0       | .3        | 188.2     | -.16       | .4        | 332.1     | -.23       |
| 08:45 | -2.9          | 993.00     | 86.0       | .5        | 199.4     | -.28       | .6        | 211.2     | -.38       |
| 08:50 | -2.6          | 993.00     | 86.0       | .4        | 251.5     | -.04       | .5        | 198.2     | -.08       |

|       | 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 | -2.6          | 993.00     | 86.0       | .4        | 261.7     | -.08       | .4        | 245.0     | -.09       |
| 09:00 | -2.0          | 993.00     | 84.0       | .5        | 260.8     | -.13       | .6        | 236.9     | -.21       |
| 09:05 | -2.0          | 993.00     | 84.0       | .8        | 264.1     | -.14       | 1.1       | 254.7     | -.13       |
| 09:10 | -1.2          | 993.00     | 80.0       | .9        | 295.9     | .06        | 1.0       | 314.2     | .02        |
| 09:15 | -1.2          | 993.00     | 80.0       | .9        | 294.1     | -.09       | .8        | 297.6     | -.10       |
| 09:20 | -.8           | 994.00     | 78.0       | .8        | 318.3     | -.21       | 1.0       | 301.4     | -.23       |
| 09:25 | -.8           | 994.00     | 78.0       | .5        | 72.3      | -.18       | .5        | 119.9     | -.34       |
| 09:30 | -.3           | 994.00     | 76.0       | .5        | 209.9     | -.25       | .7        | 206.0     | -.11       |
| 09:35 | -.3           | 994.00     | 76.0       | .7        | 265.0     | -.16       | 1.0       | 257.5     | -.06       |
| 09:40 | .0            | 994.00     | 74.0       | .5        | 302.6     | -.18       | .8        | 320.1     | -.21       |
| 09:45 | .0            | 994.00     | 74.0       | .7        | 58.9      | -.37       | .7        | 30.1      | -.56       |
| 09:50 | .4            | 994.00     | 72.0       | .6        | 23.0      | -.20       | 1.0       | 21.7      | -.49       |
| 09:55 | .4            | 994.00     | 72.0       | 1.1       | 175.0     | -.17       | 1.0       | 194.2     | -.26       |
| 10:00 | 1.0           | 994.00     | 70.0       | 1.0       | 241.7     | -.17       | 1.1       | 269.8     | -.28       |
| 10:05 | 1.0           | 994.00     | 70.0       | .7        | 274.0     | -.56       | 1.1       | 243.4     | -.66       |
| 10:10 | 1.9           | 994.00     | 66.0       | .5        | 229.0     | -.42       | .7        | 244.5     | -.55       |
| 10:15 | 1.9           | 994.00     | 66.0       | .8        | 350.8     | -.83       | 1.0       | 323.2     | -.94       |
| 10:20 | 3.4           | 994.00     | 61.0       | .6        | 58.8      | -.40       | .6        | 71.7      | -.38       |
| 10:25 | 3.4           | 994.00     | 61.0       | 1.5       | 268.3     | -.20       | 1.8       | 258.1     | -.24       |
| 10:30 | 4.2           | 994.00     | 58.0       | 1.2       | 202.2     | .45        | 1.3       | 219.3     | .51        |
| 10:35 | 4.2           | 994.00     | 58.0       | 1.1       | 148.2     | .39        | 1.0       | 147.7     | .47        |
| 10:40 | 4.5           | 994.00     | 56.0       | 1.1       | 208.6     | -.18       | 1.5       | 225.8     | -.08       |
| 10:45 | 4.5           | 994.00     | 56.0       | 2.0       | 242.6     | .16        | 2.3       | 237.4     | .18        |
| 10:50 | 4.7           | 994.00     | 53.0       | 1.1       | 236.1     | -.10       | 1.2       | 218.5     | -.11       |
| 10:55 | 4.7           | 994.00     | 53.0       | 1.2       | 235.0     | -.03       | 1.6       | 236.4     | .14        |
| 11:00 | 5.2           | 994.00     | 51.0       | 1.5       | 210.7     | -.14       | 1.8       | 219.4     | -.23       |
| 11:05 | 5.2           | 994.00     | 51.0       | 1.9       | 214.6     | .18        | 2.1       | 215.5     | .23        |
| 11:10 | 6.3           | 993.00     | 47.0       | 1.3       | 183.5     | .22        | 1.6       | 187.7     | .26        |
| 11:15 | 6.3           | 993.00     | 47.0       | 1.2       | 201.7     | .16        | 1.3       | 181.3     | .16        |
| 11:20 | 6.2           | 993.00     | 46.0       | .9        | 88.9      | -.24       | 1.1       | 71.9      | -.40       |
| 11:25 | 6.2           | 993.00     | 46.0       | 1.1       | 123.9     | -.14       | 1.6       | 122.3     | -.19       |
| 11:30 | 7.3           | 993.00     | 44.0       | 1.5       | 168.7     | -.28       | 1.9       | 175.7     | -.22       |
| 11:35 | 7.3           | 993.00     | 44.0       | 1.3       | 173.1     | .45        | 1.5       | 174.4     | .61        |
| 11:40 | 7.5           | 993.00     | 42.0       | 1.0       | 182.6     | -.36       | 1.4       | 160.8     | -.54       |
| 11:45 | 7.5           | 993.00     | 42.0       | 1.5       | 184.9     | .16        | 1.6       | 185.2     | .09        |
| 11:50 | 8.1           | 992.00     | 39.0       | .6        | 319.3     | .08        | .7        | 216.9     | -.03       |
| 11:55 | 8.1           | 992.00     | 39.0       | .9        | 283.7     | -.19       | 1.2       | 270.8     | -.33       |
| 12:00 | 8.6           | 992.00     | 37.0       | 1.5       | 156.2     | -.35       | 1.8       | 173.6     | -.48       |
| 12:05 | 8.6           | 992.00     | 37.0       | 1.6       | 248.4     | -.05       | 1.6       | 257.3     | -.08       |
| 12:10 | 8.6           | 992.00     | 36.0       | 1.8       | 244.7     | -.03       | 2.1       | 242.7     | .09        |
| 12:15 | 8.6           | 992.00     | 36.0       | 1.5       | 246.7     | .08        | 1.8       | 257.5     | .01        |
| 12:20 | 8.6           | 992.00     | 36.0       | 1.9       | 257.4     | -.33       | 1.8       | 253.4     | -.31       |
| 12:25 | 8.6           | 992.00     | 36.0       | 1.9       | 216.8     | -.41       | 2.6       | 229.5     | -.35       |
| 12:30 | 9.8           | 992.00     | 34.0       | 3.4       | 230.8     | -.14       | 3.5       | 223.8     | -.20       |
| 12:35 | 9.8           | 992.00     | 34.0       | 2.1       | 207.0     | -.40       | 2.6       | 213.6     | -.62       |
| 12:40 | 10.6          | 991.00     | 29.0       | 2.6       | 195.2     | -.55       | 2.5       | 207.1     | -.77       |
| 12:45 | 10.6          | 991.00     | 29.0       | 4.0       | 196.5     | .15        | 4.0       | 196.2     | .15        |
| 12:50 | 10.6          | 991.00     | 29.0       | 3.9       | 186.6     | .15        | 3.9       | 190.0     | .13        |
| 12:55 | 10.6          | 991.00     | 29.0       | 3.0       | 207.0     | .13        | 3.4       | 213.6     | .07        |
| 13:00 | 10.8          | 991.00     | 28.0       | 3.0       | 230.7     | -.23       | 3.4       | 226.0     | -.23       |
| 13:05 | 10.8          | 991.00     | 28.0       | 3.0       | 171.7     | -.08       | 3.6       | 173.3     | -.16       |
| 13:10 | 11.3          | 991.00     | 27.0       | 1.7       | 201.4     | -.39       | 2.5       | 225.3     | -.24       |
| 13:15 | 11.3          | 991.00     | 27.0       | 2.4       | 243.6     | .04        | 3.3       | 242.0     | .04        |
| 13:20 | 11.3          | 990.00     | 27.0       | 1.6       | 205.9     | -.48       | 2.0       | 218.5     | -.76       |
| 13:25 | 11.3          | 990.00     | 27.0       | 3.0       | 224.6     | -.29       | 3.0       | 238.7     | -.30       |
| 13:30 | 11.7          | 990.00     | 26.0       | 2.2       | 246.0     | -.05       | 2.9       | 243.3     | -.17       |

|       | 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 | 11.7          | 990.00     | 26.0       |           |           | -01        | 3.7       | 196.2     | .33        |
| 13:40 | 11.6          | 990.00     | 25.0       |           |           | -23        | 3.4       | 176.9     | -.10       |
| 13:45 | 11.6          | 990.00     | 25.0       | 5.0       | 177.7     | -28        | 4.3       | 188.2     | -.07       |
| 13:50 | 11.3          | 990.00     | 25.0       | 4.1       | 213.6     | -44        | 2.9       | 202.6     | -.43       |
| 13:55 | 11.3          | 990.00     | 25.0       |           |           | -20        | 4.3       | 173.6     | -.24       |
| 14:00 | 11.5          | 990.00     | 24.0       |           |           | -01        | 3.5       | 193.6     | .16        |
| 14:05 | 11.5          | 990.00     | 24.0       |           |           | -15        | 2.8       | 228.9     | .01        |
| 14:10 | 11.7          | 990.00     | 23.0       |           |           | -16        | 4.3       | 227.7     | -.30       |
| 14:15 | 11.7          | 990.00     | 23.0       |           |           | .39        |           |           | .32        |
| 14:20 | 11.6          | 990.00     | 21.0       |           |           | .41        | 2.1       | 239.7     | -.18       |
| 14:25 | 11.6          | 990.00     | 21.0       |           |           |            | 5.0       | 256.1     | -.61       |
| 14:30 | 11.5          | 989.00     | 22.0       |           |           | -23        |           |           | -.49       |
| 14:35 | 11.5          | 989.00     | 22.0       |           |           | .31        |           |           | .20        |
| 14:40 | 11.5          | 989.00     | 20.0       |           |           | .09        |           |           | .14        |
| 14:45 | 11.5          | 989.00     | 20.0       |           |           | .03        |           |           | -.24       |
| 14:50 | 11.7          | 989.00     | 21.0       |           |           | -24        |           |           | -.41       |
| 14:55 | 11.7          | 989.00     | 21.0       |           |           | -03        |           |           | -.11       |
| 15:00 | 12.0          | 989.00     | 20.0       |           |           | .05        |           |           | -.18       |
| 15:05 | 12.0          | 989.00     | 20.0       |           |           | -26        |           |           | .02        |
| 15:10 | 11.9          | 989.00     | 20.0       |           |           | -01        |           |           | -.11       |
| 15:15 | 11.9          | 989.00     | 20.0       |           |           | .24        |           |           | .06        |
| 15:20 | 12.0          | 989.00     | 21.0       |           |           | -47        |           |           | -.78       |
| 15:25 | 12.0          | 989.00     | 21.0       |           |           | .12        | 4.2       | 225.0     | .18        |
| 15:30 | 11.9          | 989.00     | 21.0       |           |           | -65        |           |           | -.73       |
| 15:35 | 11.9          | 989.00     | 21.0       | 4.0       | 173.1     | .18        | 4.6       | 181.7     | .00        |
| 15:40 | 11.9          | 989.00     | 21.0       | 5.2       | 183.9     | -34        | 4.3       | 186.9     | -.26       |
| 15:45 | 11.9          | 989.00     | 21.0       | 3.8       | 181.6     | -20        | 4.0       | 185.3     | -.04       |
| 15:50 | 11.9          | 989.00     | 23.0       | 2.4       | 206.2     | -34        | 3.5       | 204.1     | -.51       |
| 15:55 | 11.9          | 989.00     | 23.0       |           |           | -27        | 3.6       | 216.5     | -.26       |
| 16:00 | 11.9          | 989.00     | 24.0       | 2.4       | 186.1     | .01        | 3.5       | 183.7     | -.14       |
| 16:05 | 11.9          | 989.00     | 24.0       | 4.0       | 199.4     | -23        | 4.0       | 204.2     | -.34       |
| 16:10 | 11.8          | 989.00     | 24.0       | 3.8       | 199.8     | -15        | 4.2       | 199.7     | -.06       |
| 16:15 | 11.8          | 989.00     | 24.0       | 3.4       | 199.9     | .04        | 3.7       | 201.8     | -.04       |
| 16:20 | 11.7          | 988.00     | 24.0       | 3.9       | 198.1     | .22        | 4.3       | 198.4     | .19        |
| 16:25 | 11.7          | 988.00     | 24.0       | 3.6       | 202.1     | .04        | 3.9       | 207.6     | .02        |
| 16:30 | 11.5          | 988.00     | 25.0       | 4.5       | 214.6     | .22        | 4.5       | 212.0     | .25        |
| 16:35 | 11.5          | 988.00     | 25.0       | 3.0       | 186.6     | -22        | 4.1       | 205.1     | -.22       |
| 16:40 | 11.3          | 988.00     | 26.0       |           |           | .08        | 4.9       | 209.8     | .14        |
| 16:45 | 11.3          | 988.00     | 26.0       | 3.1       | 217.3     | -.06       | 4.1       | 219.3     | -.11       |
| 16:50 | 11.0          | 988.00     | 27.0       | 4.4       | 209.4     | -.01       | 4.9       | 210.9     | .08        |
| 16:55 | 11.0          | 988.00     | 27.0       | 3.5       | 204.9     | -.10       | 4.9       | 211.6     | -.14       |
| 17:00 | 10.7          | 988.00     | 27.0       | 3.8       | 205.0     | -.04       | 4.5       | 209.3     | -.07       |
| 17:05 | 10.7          | 988.00     | 27.0       | 4.1       | 213.2     | -.04       | 5.1       | 213.0     | -.12       |
| 17:10 | 10.4          | 988.00     | 28.0       | 3.9       | 217.3     | -.02       | 4.5       | 216.9     | -.01       |
| 17:15 | 10.4          | 988.00     | 28.0       |           |           | -.09       | 3.6       | 213.8     | -.12       |
| 17:20 | 10.1          | 988.00     | 28.0       | 2.9       | 214.5     | -.08       | 3.3       | 215.9     | -.05       |
| 17:25 | 10.1          | 988.00     | 28.0       | 2.5       | 211.6     | -.03       | 3.0       | 212.5     | -.05       |
| 17:30 | 9.6           | 988.00     | 30.0       | 1.9       | 217.7     | -.02       | 2.5       | 215.4     | -.09       |
| 17:35 | 9.6           | 988.00     | 30.0       | 1.7       | 208.4     | -.10       | 2.1       | 212.4     | -.10       |
| 17:40 | 8.8           | 989.00     | 34.0       | 1.5       | 206.0     | -.14       | 2.0       | 208.2     | -.12       |
| 17:45 | 8.8           | 989.00     | 34.0       | 1.5       | 201.2     | .04        | 2.0       | 203.5     | -.02       |
| 17:50 | 7.9           | 989.00     | 37.0       | 1.4       | 205.2     | .04        | 1.9       | 212.2     | -.02       |
| 17:55 | 7.9           | 989.00     | 37.0       | 1.5       | 233.3     | .07        | 1.7       | 225.6     | .07        |
| 18:00 | 7.3           | 989.00     | 38.0       | 1.3       | 239.1     | .00        | 1.9       | 235.1     | .02        |
| 18:05 | 7.3           | 989.00     | 38.0       | .7        | 260.0     | .02        | 1.7       | 241.5     | .03        |
| 18:10 | 6.8           | 989.00     | 41.0       | 1.1       | 235.9     | -.05       | 1.8       | 247.1     | -.04       |

|       | 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 | 6.8           | 989.00     | 41.0       | .7        | 229.5     | -.08       | 1.5       | 244.6     | -.06       |
| 18:20 | 6.1           | 988.00     | 45.0       | .9        | 158.3     | -.05       | 1.5       | 217.4     | -.07       |
| 18:25 | 6.1           | 988.00     | 45.0       | 1.6       | 165.5     | -.03       | 1.7       | 208.5     | .01        |
| 18:30 | 5.6           | 988.00     | 56.0       | 1.2       | 177.4     | -.02       | 1.7       | 215.8     | .05        |
| 18:35 | 5.6           | 988.00     | 56.0       | 1.3       | 205.9     | .02        | 1.9       | 226.1     | .04        |
| 18:40 | 5.2           | 988.00     | 58.0       | 1.3       | 205.7     | .01        | 1.7       | 231.7     | .03        |
| 18:45 | 5.2           | 988.00     | 58.0       | 1.2       | 194.2     | -.13       | 1.7       | 237.5     | -.03       |
| 18:50 | 4.8           | 988.00     | 62.0       | 1.4       | 181.4     | -.08       | 1.5       | 222.5     | -.06       |
| 18:55 | 4.8           | 988.00     | 62.0       | 1.3       | 196.6     | -.08       | 1.4       | 226.0     | .05        |
| 19:00 | 4.4           | 988.00     | 67.0       | 1.3       | 183.5     | -.01       | 1.3       | 229.2     | .02        |
| 19:05 | 4.4           | 988.00     | 67.0       | 1.5       | 185.7     | .03        | 1.5       | 223.7     | .02        |
| 19:10 | 4.2           | 989.00     | 73.0       | 1.5       | 193.8     | .10        | 1.5       | 227.0     | .04        |
| 19:15 | 4.2           | 989.00     | 73.0       | 1.0       | 188.2     | .04        | 1.2       | 230.8     | .03        |
| 19:20 | 3.9           | 989.00     | 73.0       | 1.3       | 178.9     | .08        | 1.0       | 228.5     | .09        |
| 19:25 | 3.9           | 989.00     | 73.0       | 1.2       | 175.1     | .00        | 1.2       | 202.9     | .01        |
| 19:30 | 3.6           | 989.00     | 73.0       | 1.2       | 176.1     | .04        | 1.3       | 200.9     | .02        |
| 19:35 | 3.6           | 989.00     | 73.0       | 1.0       | 201.3     | .01        | 1.5       | 225.3     | -.02       |
| 19:40 | 3.4           | 989.00     | 73.0       | .9        | 197.3     | -.03       | 1.5       | 228.4     | .00        |
| 19:45 | 3.4           | 989.00     | 73.0       | 1.0       | 183.5     | .01        | 1.3       | 215.5     | -.03       |
| 19:50 | 3.3           | 988.00     | 75.0       | 1.0       | 160.1     | .02        | 1.5       | 197.3     | -.01       |
| 19:55 | 3.3           | 988.00     | 75.0       | 1.0       | 184.6     | .01        | 1.9       | 212.4     | -.04       |
| 20:00 |               |            |            |           |           |            |           |           |            |
| 20:05 | 3.3           | 988.00     | 75.0       | 1.4       | 207.4     | -.01       | 2.3       | 226.6     | -.02       |
| 20:10 | 2.8           | 988.00     | 74.0       | 1.1       | 192.7     | .00        | 2.5       | 228.0     | .01        |
| 20:15 | 2.8           | 988.00     | 74.0       | 1.3       | 236.2     | .00        | 2.8       | 234.0     | .05        |
| 20:20 | 2.7           | 988.00     | 72.0       | 1.4       | 220.9     | .02        | 2.8       | 234.4     | .05        |
| 20:25 | 2.7           | 988.00     | 72.0       | 1.6       | 221.5     | .03        | 3.0       | 231.0     | .06        |
| 20:30 | 2.5           | 988.00     | 75.0       | 1.5       | 219.6     | .02        | 3.1       | 231.3     | .03        |
| 20:35 | 2.5           | 988.00     | 75.0       | .9        | 201.9     | -.06       | 2.6       | 230.0     | -.01       |
| 20:40 | 2.3           | 988.00     | 77.0       | .7        | 209.6     | -.05       | 2.5       | 225.0     | .04        |
| 20:45 | 2.3           | 988.00     | 77.0       | .8        | 206.8     | -.04       | 2.6       | 225.4     | .01        |
| 20:50 | 2.1           | 988.00     | 75.0       | 1.2       | 194.9     | .02        | 2.8       | 216.9     | .02        |
| 20:55 | 2.1           | 988.00     | 75.0       | .9        | 192.3     | .06        | 2.4       | 214.0     | .05        |
| 21:00 | 1.9           | 988.00     | 78.0       | .7        | 226.5     | -.07       | 2.1       | 227.4     | -.04       |
| 21:05 | 1.9           | 988.00     | 78.0       | .6        | 216.1     | -.10       | 2.1       | 228.2     | -.04       |
| 21:10 | 1.8           | 988.00     | 79.0       | .5        | 267.4     | -.03       | 1.9       | 228.8     | -.01       |
| 21:15 | 1.8           | 988.00     | 79.0       | .5        | 277.0     | -.03       | 2.2       | 224.2     | .01        |
| 21:20 | 1.7           | 988.00     | 80.0       | .7        | 231.3     | .03        | 2.6       | 225.9     | .05        |
| 21:25 | 1.7           | 988.00     | 80.0       | 1.0       | 225.2     | .02        | 3.0       | 229.3     | .06        |
| 21:30 | 1.6           | 988.00     | 82.0       | 1.1       | 240.9     | -.05       | 2.9       | 235.0     | .01        |
| 21:35 | 1.6           | 988.00     | 82.0       | 1.2       | 224.3     | -.02       | 2.9       | 231.3     | .00        |
| 21:40 | 1.4           | 988.00     | 85.0       | 1.4       | 203.6     | .04        | 3.0       | 223.0     | .04        |
| 21:45 | 1.4           | 988.00     | 85.0       | 1.8       | 195.7     | .13        | 3.2       | 217.0     | .09        |
| 21:50 | 1.4           | 988.00     | 86.0       | 1.8       | 211.2     | .08        | 3.1       | 218.5     | .09        |
| 21:55 | 1.4           | 988.00     | 86.0       | 1.6       | 229.3     | .02        | 2.7       | 228.0     | -.03       |
| 22:00 | 1.3           | 988.00     | 84.0       | 1.3       | 224.3     | .10        | 2.5       | 230.1     | .06        |
| 22:05 | 1.3           | 988.00     | 84.0       | 1.2       | 215.5     | .06        | 2.6       | 226.7     | .05        |
| 22:10 | 1.1           | 988.00     | 85.0       | 1.9       | 209.1     | .09        | 3.2       | 219.3     | .11        |
| 22:15 | 1.1           | 988.00     | 85.0       | 2.2       | 202.1     | .09        | 3.5       | 213.6     | .09        |
| 22:20 | 1.0           | 988.00     | 86.0       | 2.1       | 205.1     | .09        | 3.7       | 215.1     | .12        |
| 22:25 | 1.0           | 988.00     | 86.0       | 1.8       | 207.3     | .02        | 3.4       | 217.9     | .00        |
| 22:30 | 1.0           | 988.00     | 85.0       | 1.9       | 213.6     | .04        | 3.4       | 219.2     | -.03       |
| 22:35 | 1.0           | 988.00     | 85.0       | 1.8       | 212.8     | .03        | 3.3       | 216.8     | .05        |
| 22:40 | .9            | 988.00     | 84.0       | 1.6       | 209.0     | .00        | 3.2       | 219.1     | .01        |
| 22:45 | .9            | 988.00     | 84.0       | 1.0       | 208.7     | -.06       | 3.0       | 222.4     | -.03       |
| 22:50 | .8            | 988.00     | 85.0       | .5        | 224.5     | -.01       | 2.5       | 226.2     | -.01       |



## Daily Summary Report

Site: Lidar "Q" (PAM35)

11/27/2021

Interval: 005m

|       | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_WS120m | 18_WD120m | 19_WS140m | 20_WD140m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | M/SEC     | DEGC      | M/SEC     | DEGC      |
| 00:00 | 1.5       | 288.7     | .03        | 2.1       | 299.0     | 2.8       | 305.2     | 3.5       | 306.5     |
| 00:05 | 1.7       | 276.8     | .06        | 2.2       | 289.1     | 2.8       | 297.6     | 3.5       | 300.6     |
| 00:10 | 1.8       | 288.5     | .07        | 2.4       | 298.6     | 3.0       | 299.6     | 3.5       | 303.4     |
| 00:15 | 2.1       | 293.8     | .02        | 2.6       | 300.1     | 3.1       | 304.5     | 3.6       | 307.7     |
| 00:20 | 2.2       | 291.5     | -.02       | 2.7       | 297.8     | 3.3       | 303.7     | 3.8       | 307.0     |
| 00:25 | 2.7       | 289.7     | .01        | 3.3       | 293.5     | 3.8       | 298.2     | 4.3       | 300.2     |
| 00:30 | 2.4       | 269.8     | .10        | 2.8       | 286.2     | 3.2       | 293.1     | 3.6       | 296.2     |
| 00:35 | 2.6       | 256.2     | .09        | 2.9       | 276.7     | 3.1       | 287.0     | 3.5       | 292.3     |
| 00:40 | 2.6       | 254.3     | .14        | 2.7       | 274.7     | 3.1       | 284.2     | 3.4       | 290.9     |
| 00:45 | 2.4       | 251.0     | .15        | 2.4       | 268.5     | 3.0       | 281.1     | 3.5       | 289.1     |
| 00:50 | 2.4       | 249.0     | .05        | 2.3       | 271.0     | 2.7       | 290.3     | 3.4       | 299.2     |
| 00:55 | 2.2       | 242.3     | .04        | 2.0       | 265.8     | 2.1       | 284.6     | 2.7       | 298.6     |
| 01:00 | 2.0       | 241.1     | .00        | 1.9       | 261.9     | 1.9       | 280.7     | 2.3       | 293.3     |
| 01:05 | 1.6       | 240.3     | .06        | 1.4       | 260.8     | 1.4       | 282.2     | 1.7       | 292.5     |
| 01:10 | 1.5       | 234.0     | -.03       | 1.3       | 260.9     | 1.4       | 279.6     | 1.8       | 295.6     |
| 01:15 | 1.9       | 244.9     | -.02       | 1.8       | 264.4     | 2.0       | 277.5     | 2.2       | 288.1     |
| 01:20 | 2.1       | 251.9     | .03        | 1.9       | 268.4     | 2.1       | 280.9     | 2.7       | 291.2     |
| 01:25 | 1.9       | 243.9     | -.01       | 1.9       | 267.8     | 2.2       | 285.4     | 2.7       | 293.7     |
| 01:30 | 1.5       | 234.2     | .00        | 1.8       | 261.8     | 1.8       | 284.2     | 2.2       | 296.8     |
| 01:35 | 1.2       | 231.6     | .03        | 1.7       | 260.9     | 1.8       | 281.4     | 2.2       | 293.9     |
| 01:40 | 1.2       | 211.2     | -.05       | 1.9       | 241.4     | 1.8       | 258.1     | 2.0       | 276.9     |
| 01:45 | 1.6       | 207.6     | .08        | 2.2       | 226.6     | 2.2       | 232.9     | 1.9       | 241.8     |
| 01:50 | 1.5       | 217.9     | .00        | 2.2       | 227.8     | 2.4       | 235.3     | 2.1       | 241.7     |
| 01:55 | 1.4       | 221.3     | -.03       | 2.1       | 231.5     | 2.4       | 238.3     | 2.0       | 246.4     |
| 02:00 | 1.2       | 225.7     | .00        | 1.9       | 233.0     | 2.6       | 241.7     | 2.4       | 247.5     |
| 02:05 | 1.1       | 223.5     | .01        | 2.1       | 229.3     | 2.7       | 238.2     | 2.5       | 246.1     |
| 02:10 | 1.0       | 230.5     | .03        | 2.0       | 237.4     | 2.3       | 246.7     | 2.2       | 252.3     |
| 02:15 | 1.0       | 232.7     | .03        | 1.9       | 238.3     | 2.1       | 248.6     | 2.1       | 257.6     |
| 02:20 | .9        | 235.0     | .01        | 2.0       | 233.8     | 2.0       | 246.0     | 2.0       | 259.9     |
| 02:25 | 1.4       | 226.1     | .03        | 2.0       | 233.4     | 1.8       | 247.6     | 1.8       | 262.3     |
| 02:30 | 1.5       | 231.1     | .03        | 1.7       | 248.1     | 1.6       | 260.5     | 1.7       | 272.5     |
| 02:35 | 1.5       | 238.1     | .02        | 1.5       | 257.9     | 1.5       | 273.4     | 1.5       | 287.9     |
| 02:40 | 1.2       | 245.4     | .00        | 1.2       | 265.7     | 1.2       | 285.9     | 1.2       | 305.1     |
| 02:45 | 1.0       | 258.4     | .03        | 1.1       | 277.8     | 1.1       | 295.1     | 1.1       | 320.9     |
| 02:50 | 1.0       | 267.1     | -.01       | 1.1       | 285.4     | 1.0       | 310.4     | 1.0       | 341.2     |
| 02:55 | 1.1       | 275.6     | -.03       | 1.1       | 288.2     | .9        | 313.9     | .9        | 341.6     |
| 03:00 | 1.2       | 281.6     | .05        | 1.0       | 297.4     | 1.0       | 321.5     | 1.2       | 334.4     |
| 03:05 | 1.2       | 291.4     | .06        | 1.1       | 310.0     | 1.2       | 335.5     | 1.6       | 337.8     |
| 03:10 | 1.1       | 294.1     | -.07       | 1.0       | 309.3     | 1.3       | 332.7     | 1.9       | 330.8     |
| 03:15 | 1.3       | 271.1     | -.04       | 1.4       | 277.8     | 1.4       | 303.7     | 1.9       | 309.9     |
| 03:20 | 1.1       | 286.4     | .01        | 1.2       | 286.9     | 1.3       | 312.5     | 1.5       | 310.6     |
| 03:25 | 1.2       | 294.1     | .04        | 1.2       | 298.3     | 1.3       | 312.9     | 1.5       | 308.6     |
| 03:30 | 1.3       | 280.3     | .00        | 1.2       | 293.8     | 1.4       | 307.5     | 1.6       | 303.0     |
| 03:35 | 1.3       | 291.8     | -.01       | 1.6       | 300.9     | 1.8       | 306.1     | 2.0       | 314.2     |
| 03:40 | 1.4       | 306.0     | .01        | 1.7       | 312.1     | 2.0       | 320.1     | 2.1       | 326.1     |
| 03:45 | 1.2       | 314.4     | .08        | 1.6       | 301.1     | 1.9       | 309.8     | 2.0       | 320.3     |
| 03:50 | 1.1       | 300.9     | -.04       | 1.6       | 287.5     | 1.8       | 302.7     | 1.9       | 313.2     |
| 03:55 | 1.0       | 296.3     | -.05       | 1.5       | 288.8     | 1.7       | 303.6     | 1.9       | 321.2     |
| 04:00 | 1.0       | 301.0     | -.05       | 1.6       | 285.0     | 1.7       | 301.5     | 2.0       | 324.4     |
| 04:05 | .6        | .1        | -.05       | 1.1       | 289.9     | 1.5       | 304.4     | 1.8       | 327.8     |
| 04:10 | .6        | 4.8       | .01        | 1.0       | 290.8     | 1.3       | 306.9     | 1.6       | 328.6     |

|       | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_WS120m | 18_WD120m | 19_WS140m | 20_WD140m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | M/SEC     | DEGC      | M/SEC     | DEGC      |
| 04:15 | .4        | 15.6      | -.08       | 1.0       | 292.4     | 1.3       | 313.7     | 1.6       | 327.7     |
| 04:20 | .4        | 11.9      | -.04       | .7        | 290.7     | 1.2       | 295.0     | 1.4       | 318.8     |
| 04:25 | .2        | 342.9     | -.01       | .5        | 300.6     | 1.3       | 266.9     | 1.2       | 284.2     |
| 04:30 | .3        | 30.8      | .03        | .7        | 274.0     | 1.3       | 254.5     | 1.0       | 269.0     |
| 04:35 | .3        | 41.4      | -.02       | .6        | 278.2     | 1.3       | 260.0     | .9        | 271.6     |
| 04:40 | .5        | 88.8      | -.03       | .3        | 276.7     | 1.1       | 252.1     | .9        | 251.1     |
| 04:45 | .5        | 64.9      | -.06       | .5        | .2        | 1.1       | 271.7     | 1.0       | 271.7     |
| 04:50 | .6        | 120.0     | -.01       | .7        | 46.2      | .5        | 286.4     | 1.0       | 277.8     |
| 04:55 | 1.0       | 142.8     | .00        | .6        | 77.5      | .4        | 47.0      | .6        | 276.5     |
| 05:00 | .9        | 128.8     | .04        | .7        | 79.8      | .5        | 63.1      | .3        | 255.5     |
| 05:05 | .8        | 109.8     | -.02       | .8        | 92.4      | .6        | 87.4      | .4        | 151.6     |
| 05:10 | 1.0       | 119.3     | .00        | 1.0       | 112.1     | .8        | 92.9      | .4        | 124.3     |
| 05:15 | 1.1       | 134.6     | -.01       | 1.1       | 130.5     | .7        | 116.7     | .5        | 156.5     |
| 05:20 | .9        | 120.3     | -.02       | .9        | 114.0     | .7        | 114.3     | .4        | 145.7     |
| 05:25 | .9        | 83.3      | -.05       | .9        | 76.2      | .7        | 93.2      | .4        | 112.9     |
| 05:30 | 1.0       | 66.7      | .04        | 1.1       | 69.9      | .8        | 81.6      | .5        | 109.7     |
| 05:35 | .9        | 50.6      | -.03       | 1.0       | 74.7      | .8        | 88.1      | .5        | 112.5     |
| 05:40 | .9        | 24.6      | .04        | .9        | 69.3      | .9        | 72.1      | .6        | 77.5      |
| 05:45 | .7        | 2.6       | .00        | .5        | 84.1      | .6        | 81.5      | .5        | 72.1      |
| 05:50 | .9        | 299.2     | -.04       | .5        | 275.6     | .4        | 176.7     | .3        | 99.4      |
| 05:55 | .7        | 290.7     | .05        | .4        | 227.4     | .2        | 141.9     | .3        | 127.5     |
| 06:00 | .7        | 303.6     | -.04       | .3        | 287.3     | .3        | 11.5      | .2        | 122.6     |
| 06:05 | .5        | 254.9     | -.02       | .5        | 258.3     | .2        | 76.2      | .4        | 54.9      |
| 06:10 | .8        | 222.0     | .07        | .7        | 234.2     | .4        | 195.4     | .3        | 119.9     |
| 06:15 | .5        | 234.9     | .05        | .5        | 218.7     | .5        | 184.6     | .4        | 139.2     |
| 06:20 | .7        | 216.9     | .00        | .8        | 203.9     | .7        | 189.3     | .5        | 178.3     |
| 06:25 | .7        | 203.8     | .00        | .8        | 188.7     | .6        | 185.1     | .4        | 172.1     |
| 06:30 | .4        | 170.7     | -.02       | .5        | 190.0     | .6        | 188.1     | .6        | 183.9     |
| 06:35 | .2        | 110.0     | .02        | .5        | 193.6     | .7        | 201.1     | .8        | 197.9     |
| 06:40 | .4        | 59.4      | -.01       | .6        | 176.7     | .8        | 212.7     | .8        | 208.5     |
| 06:45 | .4        | 75.6      | .00        | .6        | 170.3     | .7        | 205.3     | .6        | 181.9     |
| 06:50 | .5        | 84.1      | .02        | .5        | 189.5     | .6        | 204.4     | .4        | 137.5     |
| 06:55 | .7        | 41.2      | .02        | .3        | 142.4     | .4        | 244.2     | .3        | 198.1     |
| 07:00 | .9        | 30.0      | .06        | .3        | 126.0     | .4        | 240.3     | .3        | 171.9     |
| 07:05 | .6        | 26.1      | .03        | .2        | 134.5     | .4        | 237.0     | .3        | 139.8     |
| 07:10 | .4        | 44.2      | -.04       | .4        | 147.4     | .4        | 208.2     | .5        | 164.0     |
| 07:15 | .2        | 153.8     | -.04       | .4        | 162.4     | .5        | 197.9     | .5        | 149.2     |
| 07:20 | .4        | 59.9      | -.03       | .3        | 101.5     | .4        | 150.7     | .6        | 98.1      |
| 07:25 | 1.1       | 27.6      | .01        | .6        | 34.9      | .4        | 57.8      | .7        | 61.8      |
| 07:30 | 1.3       | 22.2      | .01        | .7        | 12.9      | .3        | 8.5       | .6        | 52.7      |
| 07:35 | 1.0       | 8.0       | .08        | .6        | 343.0     | .4        | 323.0     | .5        | 33.2      |
| 07:40 | .9        | .1        | .02        | .4        | 326.9     | .3        | 313.6     | .4        | 33.6      |
| 07:45 | .5        | 359.8     | -.06       | .3        | 286.5     | .4        | 292.5     | .3        | 17.6      |
| 07:50 | 1.2       | 347.6     | -.01       | .7        | 336.1     | .7        | 339.0     | .7        | 360.0     |
| 07:55 | 1.1       | 355.5     | .04        | .8        | 336.6     | .7        | 335.8     | .6        | 359.0     |
| 08:00 | .7        | 4.8       | -.04       | .4        | 296.8     | .4        | 309.1     | .4        | 334.7     |
| 08:05 | .7        | 11.4      | .02        | .3        | 307.8     | .4        | 267.1     | .2        | 153.1     |
| 08:10 | .4        | 11.6      | .01        | .4        | 279.2     | .6        | 250.9     | .4        | 232.8     |
| 08:15 | .6        | 8.6       | -.07       | .5        | 307.0     | .7        | 276.7     | .5        | 265.4     |
| 08:20 | .9        | 355.8     | -.03       | .8        | 325.7     | .9        | 291.2     | .8        | 290.3     |
| 08:25 | .9        | 335.3     | -.05       | 1.2       | 328.3     | 1.1       | 300.5     | 1.2       | 286.6     |
| 08:30 | .4        | 333.2     | -.03       | .7        | 325.3     | 1.0       | 285.5     | 1.0       | 277.0     |
| 08:35 | .7        | 329.6     | .26        | 1.0       | 311.2     | 1.2       | 280.4     | 1.0       | 268.1     |
| 08:40 | .5        | 285.4     | -.11       | 1.1       | 276.4     | 1.2       | 269.0     | 1.0       | 262.9     |
| 08:45 | .5        | 240.7     | -.13       | 1.0       | 268.5     | 1.2       | 260.4     | 1.2       | 252.3     |
| 08:50 | .4        | 222.2     | -.05       | 1.1       | 256.5     | 1.4       | 250.2     | 1.6       | 243.0     |



|       | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_WS120m | 18_WD120m | 19_WS140m | 20_WD140m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | M/SEC     | DEGC      | M/SEC     | DEGC      |
| 08:55 | .4        | 250.9     | -.18       | .8        | 256.0     | 1.2       | 253.3     | 1.4       | 245.8     |
| 09:00 | .8        | 264.3     | -.21       | 1.3       | 271.0     | 1.7       | 265.6     | 1.7       | 257.5     |
| 09:05 | 1.2       | 263.9     | -.02       | 1.7       | 274.5     | 1.8       | 266.5     | 2.1       | 258.5     |
| 09:10 | 1.3       | 303.8     | -.01       | 1.5       | 290.3     | 1.7       | 270.6     | 2.1       | 261.1     |
| 09:15 | 1.1       | 305.4     | -.16       | 1.6       | 295.0     | 2.0       | 277.2     | 2.6       | 269.4     |
| 09:20 | 1.1       | 282.6     | -.22       | 1.4       | 272.4     | 2.0       | 264.5     | 2.7       | 261.3     |
| 09:25 | .3        | 296.3     | -.20       | 1.0       | 269.7     | 1.9       | 262.4     | 2.5       | 261.4     |
| 09:30 | .9        | 254.8     | .01        | 1.5       | 277.7     | 1.9       | 275.9     | 2.4       | 271.4     |
| 09:35 | 1.5       | 267.3     | .07        | 1.9       | 273.4     | 2.5       | 276.8     | 2.9       | 275.8     |
| 09:40 | .9        | 296.0     | -.29       | 1.2       | 282.5     | 1.7       | 285.7     | 2.4       | 285.1     |
| 09:45 | .7        | 355.3     | -.72       | .7        | 315.4     | 1.2       | 276.9     | 1.7       | 278.0     |
| 09:50 | 1.0       | 2.9       | -.67       | .9        | 349.1     | .8        | 311.0     | 1.3       | 293.2     |
| 09:55 | 1.0       | 209.4     | -.31       | 1.3       | 238.0     | 1.6       | 252.9     | 1.9       | 266.4     |
| 10:00 | 1.3       | 276.6     | -.51       | 1.5       | 266.7     | 1.9       | 263.2     | 2.1       | 263.7     |
| 10:05 | 1.7       | 244.6     | -.64       | 2.1       | 246.4     | 2.4       | 249.9     | 2.5       | 254.5     |
| 10:10 | 1.0       | 252.9     | -.58       | 1.4       | 253.5     | 1.6       | 251.5     | 1.9       | 254.1     |
| 10:15 | 1.1       | 310.5     | -.93       | 1.2       | 305.9     | 1.4       | 276.2     | 1.6       | 262.4     |
| 10:20 | .8        | 77.9      | -.55       | 1.0       | 203.3     | 1.3       | 201.0     | 1.4       | 198.8     |
| 10:25 | 2.0       | 250.2     | -.30       | 2.0       | 248.7     | 2.0       | 250.9     | 1.9       | 255.3     |
| 10:30 | 1.6       | 236.0     | .55        | 1.6       | 243.8     | 1.5       | 245.8     | 1.5       | 244.9     |
| 10:35 | .8        | 164.1     | .44        | .9        | 149.0     | 1.1       | 158.7     | 1.4       | 163.8     |
| 10:40 | 1.7       | 224.9     | .10        | 2.0       | 226.1     | 2.3       | 228.9     | 2.4       | 231.3     |
| 10:45 | 2.2       | 239.0     | .10        | 2.3       | 240.3     | 2.2       | 237.6     | 2.1       | 230.0     |
| 10:50 | 1.1       | 203.3     | -.22       | 1.2       | 205.7     | 1.4       | 210.0     | 1.6       | 212.4     |
| 10:55 | 1.7       | 236.8     | .30        | 1.6       | 233.3     | 1.5       | 227.1     | 1.6       | 224.6     |
| 11:00 | 1.9       | 228.8     | -.36       | 2.0       | 235.7     | 1.9       | 237.8     | 1.7       | 239.3     |
| 11:05 | 2.2       | 221.5     | .29        | 2.1       | 225.9     | 2.1       | 226.7     | 1.9       | 223.6     |
| 11:10 | 1.6       | 181.4     | .33        | 1.5       | 173.7     | 1.7       | 172.3     | 1.7       | 167.4     |
| 11:15 | 1.3       | 168.7     | .27        | 1.2       | 171.2     | 1.2       | 179.6     | 1.2       | 180.7     |
| 11:20 | 1.2       | 45.0      | -.69       | 1.1       | 58.9      | .9        | 68.9      | .8        | 101.8     |
| 11:25 | 1.8       | 120.4     | -.30       | 1.8       | 123.5     | 1.8       | 123.7     | 1.8       | 121.5     |
| 11:30 | 2.2       | 169.9     | -.14       | 2.3       | 170.7     | 2.3       | 169.1     | 2.1       | 161.1     |
| 11:35 | 1.3       | 188.2     | .59        | 1.1       | 202.9     | 1.1       | 217.5     | 1.1       | 207.1     |
| 11:40 | 1.6       | 169.2     | -.54       | 1.7       | 167.6     | 1.7       | 167.6     | 1.8       | 165.9     |
| 11:45 | 1.8       | 192.5     | .12        | 1.9       | 198.0     | 1.8       | 196.0     | 1.9       | 195.0     |
| 11:50 | .9        | 215.8     | -.21       | 1.0       | 208.1     | .9        | 198.9     | 1.2       | 174.3     |
| 11:55 | 1.4       | 261.9     | -.47       | 1.5       | 265.2     | 1.5       | 261.4     | 1.4       | 246.7     |
| 12:00 | 1.8       | 185.5     | -.26       | 2.0       | 198.6     | 2.1       | 194.7     | 1.8       | 184.3     |
| 12:05 | 1.6       | 259.1     | -.07       | 1.8       | 236.0     | 1.8       | 216.8     | 2.0       | 207.6     |
| 12:10 | 1.8       | 242.7     | .28        | 1.7       | 236.1     | 1.6       | 229.1     | 1.5       | 223.7     |
| 12:15 | 1.9       | 261.7     | .05        | 1.8       | 259.0     | 1.4       | 260.4     | 1.2       | 250.5     |
| 12:20 | 2.2       | 256.6     | -.39       | 2.6       | 258.3     | 2.9       | 260.0     | 3.0       | 264.2     |
| 12:25 | 3.1       | 234.9     | -.20       | 3.4       | 240.0     | 3.4       | 239.8     | 3.3       | 240.8     |
| 12:30 | 3.3       | 217.4     | -.28       | 3.2       | 215.3     | 3.3       | 216.4     | 3.4       | 216.9     |
| 12:35 | 2.9       | 209.4     | -.79       | 3.3       | 206.5     | 3.2       | 204.7     | 3.3       | 206.0     |
| 12:40 | 2.7       | 212.9     | -1.10      | 2.7       | 208.8     | 2.6       | 208.8     | 2.9       | 212.3     |
| 12:45 | 4.1       | 192.7     | .22        | 4.0       | 190.8     | 4.0       | 193.6     | 3.9       | 198.5     |
| 12:50 | 4.3       | 188.0     | .20        | 4.6       | 188.6     | 4.6       | 191.2     | 4.5       | 191.9     |
| 12:55 | 3.4       | 212.5     | .06        | 3.3       | 216.3     | 3.4       | 218.4     | 3.4       | 216.5     |
| 13:00 | 4.0       | 222.4     | -.23       | 4.1       | 218.0     | 4.2       | 217.4     | 4.1       | 218.2     |
| 13:05 | 3.6       | 170.4     | -.26       | 3.5       | 170.3     | 3.3       | 169.9     | 3.0       | 166.6     |
| 13:10 | 2.8       | 227.2     | -.34       | 3.1       | 229.8     | 3.1       | 230.0     | 3.1       | 229.7     |
| 13:15 | 3.2       | 239.9     | -.17       | 3.1       | 233.0     | 3.3       | 225.3     | 3.3       | 218.1     |
| 13:20 | 2.1       | 214.3     | -.97       | 2.2       | 211.4     | 2.5       | 209.1     | 2.7       | 216.3     |
| 13:25 | 3.0       | 234.1     | -.48       | 2.9       | 234.1     | 2.9       | 229.8     | 2.9       | 227.8     |
| 13:30 | 2.9       | 250.6     | -.33       | 2.9       | 248.9     | 2.9       | 246.0     | 2.9       | 240.0     |

|       | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_WS120m | 18_WD120m | 19_WS140m | 20_WD140m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | M/SEC     | DEGC      | M/SEC     | DEGC      |
| 13:35 | 3.7       | 192.2     | .36        | 3.8       | 190.9     | 3.8       | 192.4     | 3.7       | 193.8     |
| 13:40 | 4.0       | 182.2     | -.07       | 4.4       | 184.4     | 4.4       | 184.2     | 4.3       | 185.3     |
| 13:45 | 4.3       | 192.1     | -.04       | 4.2       | 190.2     | 3.9       | 188.3     | 3.9       | 187.8     |
| 13:50 | 2.7       | 206.6     | -.56       | 3.0       | 205.9     | 3.4       | 197.8     | 3.7       | 195.6     |
| 13:55 | 4.5       | 181.4     | -.33       | 4.4       | 186.4     | 4.3       | 188.8     | 4.1       | 188.9     |
| 14:00 | 4.4       | 219.6     | .30        | 4.4       | 220.2     | 4.5       | 221.6     | 4.8       | 222.8     |
| 14:05 | 3.3       | 227.8     | .14        | 3.5       | 234.3     | 3.5       | 235.0     | 3.8       | 232.6     |
| 14:10 | 3.5       | 233.4     | -.41       | 3.7       | 235.6     | 3.6       | 237.4     | 3.5       | 242.2     |
| 14:15 | 3.9       | 243.4     | .30        | 4.0       | 240.2     | 3.9       | 240.1     | 4.2       | 239.2     |
| 14:20 | 4.0       | 244.4     | -.24       | 3.5       | 244.7     | 3.5       | 246.4     | 3.4       | 244.2     |
| 14:25 | 3.3       | 229.1     | -.70       | 3.4       | 228.4     | 3.6       | 230.9     | 3.5       | 232.4     |
| 14:30 | 2.8       | 211.2     | -.33       | 3.3       | 211.2     | 3.4       | 211.8     | 3.6       | 213.2     |
| 14:35 | 2.8       | 229.4     | .35        | 2.7       | 232.6     | 2.8       | 227.7     | 2.9       | 221.9     |
| 14:40 | 4.0       | 218.2     | .25        | 3.3       | 223.3     | 3.4       | 225.6     | 3.4       | 228.2     |
| 14:45 | 4.2       | 245.2     | -.50       | 4.3       | 241.6     | 4.4       | 238.5     | 4.5       | 234.6     |
| 14:50 | 3.3       | 195.4     | -.60       | 3.4       | 185.9     | 3.5       | 186.3     | 3.5       | 184.1     |
| 14:55 | 3.9       | 178.7     | -.15       | 3.6       | 181.4     | 3.4       | 181.1     | 3.3       | 187.1     |
| 15:00 | 3.4       | 233.9     | -.19       | 3.3       | 237.4     | 3.4       | 241.7     | 3.4       | 241.3     |
| 15:05 | 4.3       | 238.2     | .21        | 3.8       | 235.9     | 3.7       | 232.1     | 4.1       | 235.5     |
| 15:10 | 3.9       | 236.2     | -.30       | 3.7       | 233.4     | 3.7       | 235.6     | 3.6       | 235.7     |
| 15:15 | 4.0       | 195.3     | -.18       | 4.0       | 193.7     | 3.8       | 192.6     | 4.0       | 185.2     |
| 15:20 | 3.8       | 230.4     | -1.07      | 3.8       | 225.2     | 3.8       | 221.0     | 3.5       | 222.6     |
| 15:25 | 4.1       | 221.6     | .18        | 4.1       | 223.4     | 4.1       | 221.3     | 4.1       | 221.2     |
| 15:30 | 4.4       | 203.9     | -.62       | 4.2       | 199.9     | 4.0       | 199.0     | 4.2       | 196.3     |
| 15:35 | 4.7       | 182.5     | .11        | 4.4       | 182.6     | 4.5       | 184.7     | 4.3       | 183.8     |
| 15:40 | 4.3       | 190.7     | -.29       | 4.4       | 190.9     | 4.7       | 189.1     | 4.7       | 189.3     |
| 15:45 | 4.2       | 188.2     | .13        | 4.3       | 189.0     | 4.3       | 189.2     | 4.2       | 192.3     |
| 15:50 | 3.6       | 211.1     | -.67       | 3.6       | 208.7     | 4.0       | 206.1     | 4.2       | 205.6     |
| 15:55 | 3.7       | 216.0     | -.06       | 3.8       | 220.3     | 3.8       | 219.0     | 3.6       | 215.9     |
| 16:00 | 3.2       | 184.5     | -.25       | 3.3       | 186.4     | 3.3       | 188.5     | 3.2       | 191.4     |
| 16:05 | 4.1       | 208.1     | -.38       | 4.3       | 210.5     | 4.4       | 212.3     | 4.6       | 212.3     |
| 16:10 | 4.4       | 198.6     | .10        | 4.6       | 199.1     | 4.8       | 198.7     | 4.9       | 200.1     |
| 16:15 | 4.0       | 197.8     | -.07       | 4.4       | 197.3     | 4.5       | 198.3     | 4.6       | 198.6     |
| 16:20 | 4.6       | 197.3     | .18        | 4.8       | 198.6     | 4.9       | 203.0     | 4.8       | 206.6     |
| 16:25 | 4.2       | 210.0     | .00        | 4.2       | 209.7     | 4.2       | 209.7     | 4.4       | 209.5     |
| 16:30 | 4.3       | 209.1     | .21        | 4.3       | 211.4     | 4.5       | 211.7     | 4.6       | 210.1     |
| 16:35 | 4.5       | 204.1     | -.07       | 4.8       | 202.9     | 5.1       | 204.7     | 5.4       | 206.9     |
| 16:40 | 5.0       | 209.4     | .12        | 5.0       | 210.2     | 5.2       | 210.5     | 5.3       | 211.1     |
| 16:45 | 4.4       | 218.6     | -.03       | 4.7       | 216.3     | 4.9       | 215.1     | 5.0       | 214.4     |
| 16:50 | 5.4       | 212.7     | .07        | 5.7       | 213.2     | 6.1       | 213.4     | 6.3       | 212.9     |
| 16:55 | 5.3       | 210.2     | -.08       | 5.9       | 211.0     | 6.3       | 210.0     | 6.5       | 210.8     |
| 17:00 | 5.1       | 212.1     | .03        | 5.5       | 212.1     | 5.8       | 211.0     | 6.0       | 211.1     |
| 17:05 | 5.3       | 213.5     | .02        | 5.6       | 212.7     | 6.0       | 213.4     | 6.1       | 213.3     |
| 17:10 | 4.8       | 218.0     | .02        | 5.3       | 217.6     | 5.6       | 217.7     | 5.8       | 217.6     |
| 17:15 | 4.0       | 216.1     | -.06       | 4.5       | 216.5     | 4.9       | 216.0     | 5.4       | 216.6     |
| 17:20 | 3.7       | 216.1     | -.05       | 4.1       | 215.5     | 4.5       | 216.5     | 4.9       | 216.7     |
| 17:25 | 3.4       | 213.8     | -.02       | 4.0       | 214.1     | 4.4       | 214.6     | 4.8       | 216.1     |
| 17:30 | 3.0       | 218.9     | -.06       | 3.5       | 219.9     | 3.8       | 219.8     | 4.3       | 221.2     |
| 17:35 | 2.7       | 215.7     | -.10       | 3.3       | 215.3     | 3.8       | 217.9     | 4.3       | 219.5     |
| 17:40 | 2.4       | 213.1     | -.09       | 3.0       | 216.1     | 3.4       | 219.5     | 3.8       | 220.3     |
| 17:45 | 2.3       | 213.4     | -.03       | 2.8       | 215.1     | 3.2       | 218.1     | 3.8       | 216.8     |
| 17:50 | 2.2       | 217.0     | -.03       | 2.8       | 219.2     | 3.3       | 218.2     | 4.0       | 217.7     |
| 17:55 | 2.3       | 225.1     | .05        | 2.9       | 223.3     | 3.5       | 222.4     | 4.1       | 223.0     |
| 18:00 | 2.5       | 230.4     | -.02       | 3.0       | 228.9     | 3.5       | 227.0     | 4.1       | 225.4     |
| 18:05 | 2.3       | 235.8     | .02        | 2.9       | 235.8     | 3.3       | 232.8     | 3.8       | 231.6     |
| 18:10 | 2.2       | 241.7     | -.01       | 2.7       | 238.6     | 3.3       | 235.1     | 4.0       | 233.5     |

|       | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_WS120m | 18_WD120m | 19_WS140m | 20_WD140m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | M/SEC     | DEGC      | M/SEC     | DEGC      |
| 18:15 | 2.2       | 239.5     | -.02       | 2.8       | 236.4     | 3.5       | 235.0     | 3.9       | 235.4     |
| 18:20 | 2.1       | 226.9     | .03        | 2.9       | 226.9     | 3.5       | 228.6     | 4.0       | 228.2     |
| 18:25 | 2.4       | 217.6     | .06        | 3.1       | 223.0     | 3.6       | 225.3     | 4.2       | 225.8     |
| 18:30 | 2.2       | 221.7     | .00        | 2.7       | 226.6     | 3.3       | 228.0     | 3.9       | 227.5     |
| 18:35 | 2.3       | 228.0     | .01        | 2.8       | 230.8     | 3.3       | 230.3     | 3.9       | 231.3     |
| 18:40 | 2.4       | 234.5     | .01        | 2.8       | 232.9     | 3.5       | 232.8     | 4.2       | 235.1     |
| 18:45 | 2.1       | 238.0     | .06        | 2.7       | 236.1     | 3.3       | 235.9     | 3.9       | 238.7     |
| 18:50 | 1.9       | 228.7     | .09        | 2.6       | 230.4     | 3.3       | 230.7     | 3.8       | 233.3     |
| 18:55 | 1.9       | 231.0     | .08        | 2.5       | 230.0     | 3.2       | 231.5     | 4.0       | 233.3     |
| 19:00 | 1.7       | 230.3     | .08        | 2.5       | 232.0     | 3.3       | 232.4     | 4.0       | 234.3     |
| 19:05 | 2.1       | 228.1     | .05        | 2.8       | 228.7     | 3.7       | 229.3     | 4.5       | 229.5     |
| 19:10 | 2.1       | 227.3     | .07        | 3.0       | 227.9     | 3.7       | 227.6     | 4.3       | 224.7     |
| 19:15 | 2.2       | 237.0     | .04        | 2.9       | 230.5     | 3.6       | 229.3     | 4.4       | 227.6     |
| 19:20 | 1.8       | 231.3     | .03        | 2.8       | 230.6     | 3.8       | 231.3     | 4.5       | 229.8     |
| 19:25 | 1.8       | 223.8     | -.02       | 2.7       | 224.1     | 3.5       | 226.6     | 4.2       | 226.0     |
| 19:30 | 2.0       | 216.2     | .00        | 2.7       | 217.7     | 3.5       | 219.5     | 4.0       | 219.2     |
| 19:35 | 2.2       | 227.6     | .00        | 2.8       | 223.5     | 3.3       | 220.2     | 3.7       | 218.0     |
| 19:40 | 2.2       | 224.6     | -.02       | 2.7       | 221.5     | 3.4       | 219.4     | 4.1       | 217.9     |
| 19:45 | 2.3       | 217.8     | .02        | 3.0       | 216.9     | 3.8       | 218.4     | 4.4       | 217.9     |
| 19:50 | 2.5       | 209.5     | .00        | 3.3       | 211.9     | 4.0       | 214.6     | 4.6       | 215.6     |
| 19:55 | 2.9       | 213.2     | -.03       | 3.6       | 215.2     | 4.3       | 216.1     | 5.0       | 217.6     |
| 20:00 |           |           |            |           |           |           |           |           |           |
| 20:05 | 3.4       | 225.1     | .05        | 4.2       | 223.0     | 4.8       | 222.2     | 5.6       | 222.5     |
| 20:10 | 3.6       | 226.2     | .05        | 4.4       | 226.9     | 5.1       | 225.4     | 5.8       | 223.9     |
| 20:15 | 3.7       | 231.1     | .08        | 4.5       | 229.8     | 5.1       | 229.1     | 5.7       | 226.7     |
| 20:20 | 3.8       | 232.2     | .01        | 4.5       | 229.9     | 5.2       | 227.4     | 5.7       | 225.2     |
| 20:25 | 4.1       | 229.5     | .09        | 4.8       | 228.0     | 5.4       | 226.3     | 5.9       | 223.7     |
| 20:30 | 4.1       | 228.4     | -.02       | 4.8       | 227.5     | 5.3       | 224.6     | 5.9       | 221.9     |
| 20:35 | 3.7       | 227.8     | .00        | 4.4       | 225.0     | 5.1       | 223.9     | 5.7       | 221.9     |
| 20:40 | 3.6       | 225.2     | .02        | 4.3       | 223.5     | 4.9       | 221.7     | 5.5       | 220.6     |
| 20:45 | 3.6       | 225.8     | .07        | 4.3       | 224.5     | 4.9       | 223.6     | 5.7       | 221.7     |
| 20:50 | 3.7       | 220.2     | .05        | 4.4       | 220.6     | 5.2       | 220.8     | 6.0       | 219.6     |
| 20:55 | 3.6       | 219.3     | .04        | 4.4       | 220.2     | 5.3       | 220.8     | 6.2       | 218.6     |
| 21:00 | 3.3       | 226.6     | -.02       | 4.2       | 223.7     | 5.0       | 222.5     | 6.0       | 220.7     |
| 21:05 | 3.4       | 225.2     | .02        | 4.4       | 223.7     | 5.3       | 222.3     | 6.3       | 221.8     |
| 21:10 | 3.2       | 226.0     | .01        | 4.2       | 225.1     | 5.1       | 223.4     | 6.0       | 222.8     |
| 21:15 | 3.6       | 225.3     | .03        | 4.6       | 224.6     | 5.4       | 223.6     | 6.2       | 222.7     |
| 21:20 | 4.0       | 226.0     | .13        | 4.9       | 224.5     | 5.7       | 223.7     | 6.5       | 223.2     |
| 21:25 | 4.1       | 227.5     | .08        | 4.8       | 225.9     | 5.4       | 224.2     | 6.2       | 222.4     |
| 21:30 | 3.8       | 232.5     | .07        | 4.5       | 229.9     | 5.0       | 227.1     | 5.7       | 225.4     |
| 21:35 | 4.0       | 228.9     | .01        | 4.5       | 226.4     | 5.0       | 224.8     | 5.6       | 224.5     |
| 21:40 | 4.1       | 220.5     | .02        | 4.7       | 220.9     | 5.4       | 221.8     | 6.1       | 222.4     |
| 21:45 | 4.2       | 217.3     | .09        | 5.0       | 220.6     | 5.6       | 221.7     | 6.2       | 223.7     |
| 21:50 | 3.9       | 222.8     | .09        | 4.6       | 225.5     | 5.3       | 225.6     | 5.9       | 226.6     |
| 21:55 | 3.5       | 229.4     | -.06       | 4.3       | 230.0     | 5.0       | 230.5     | 5.7       | 230.0     |
| 22:00 | 3.3       | 229.1     | .03        | 4.3       | 229.7     | 5.1       | 229.5     | 5.8       | 228.4     |
| 22:05 | 3.6       | 228.5     | .04        | 4.6       | 228.4     | 5.3       | 227.3     | 5.9       | 225.6     |
| 22:10 | 4.1       | 220.8     | .10        | 4.9       | 222.1     | 5.4       | 222.9     | 5.8       | 222.3     |
| 22:15 | 4.5       | 216.3     | .13        | 5.3       | 218.3     | 5.9       | 219.1     | 6.4       | 219.8     |
| 22:20 | 4.7       | 218.0     | .15        | 5.3       | 219.3     | 6.0       | 219.0     | 6.3       | 219.9     |
| 22:25 | 4.4       | 218.7     | .06        | 5.1       | 219.5     | 5.7       | 219.3     | 6.1       | 221.8     |
| 22:30 | 4.3       | 220.2     | -.02       | 5.0       | 219.6     | 5.6       | 219.1     | 6.0       | 221.4     |
| 22:35 | 4.1       | 218.7     | .04        | 4.7       | 218.9     | 5.4       | 219.9     | 5.9       | 222.0     |
| 22:40 | 4.2       | 218.8     | .04        | 4.9       | 219.4     | 5.5       | 219.3     | 6.1       | 219.5     |
| 22:45 | 4.0       | 223.5     | -.01       | 4.6       | 222.3     | 5.1       | 219.6     | 5.7       | 219.5     |
| 22:50 | 3.4       | 224.9     | -.02       | 3.9       | 222.0     | 4.6       | 219.8     | 5.4       | 219.9     |



## Daily Summary Report

Site: Lidar "Q" (PAM35)

11/27/2021

Interval: 005m

|       | 21_WS160m | 22_WD160m | 23_WS180m | 24_WD180m | 25_WS200m | 26_WD200m | 27_WS220m | 28_WD220m | 29_WS240m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     |
| 00:00 | 4.1       | 307.4     | 4.7       | 310.0     | 5.2       | 311.7     | 5.5       | 317.2     | 6.2       |
| 00:05 | 4.1       | 302.5     | 4.6       | 304.3     | 5.0       | 307.9     | 5.6       | 312.8     | 6.6       |
| 00:10 | 4.0       | 306.7     | 4.7       | 308.9     | 5.4       | 311.0     | 6.1       | 313.7     | 6.7       |
| 00:15 | 4.3       | 312.1     | 4.8       | 314.8     | 5.3       | 315.7     | 6.1       | 321.5     | 7.0       |
| 00:20 | 4.3       | 309.0     | 4.9       | 312.3     | 5.6       | 313.4     | 6.0       | 319.4     | 6.4       |
| 00:25 | 4.8       | 302.8     | 5.1       | 306.9     | 5.7       | 312.0     | 6.0       | 317.4     |           |
| 00:30 | 4.1       | 300.5     | 4.8       | 303.9     | 5.4       | 309.6     | 6.1       | 312.3     |           |
| 00:35 | 3.8       | 298.0     | 4.3       | 303.2     | 5.0       | 308.4     | 5.7       | 310.9     | 6.4       |
| 00:40 | 3.6       | 296.0     | 4.1       | 300.2     | 4.7       | 305.5     | 5.1       | 307.5     | 5.4       |
| 00:45 | 3.7       | 293.9     | 4.1       | 301.6     | 4.6       | 305.8     | 5.1       | 308.7     | 5.7       |
| 00:50 | 3.6       | 304.6     | 4.1       | 307.2     | 4.6       | 311.2     | 5.2       | 314.1     | 5.9       |
| 00:55 | 3.2       | 306.4     | 3.6       | 308.0     | 4.1       | 312.7     | 4.5       | 315.4     | 5.2       |
| 01:00 | 2.8       | 303.2     | 3.3       | 309.4     | 3.9       | 311.3     | 4.5       | 313.5     |           |
| 01:05 | 2.2       | 303.5     | 2.9       | 309.1     | 3.5       | 311.6     | 4.4       | 313.2     | 4.4       |
| 01:10 | 2.3       | 301.1     | 2.9       | 303.8     | 3.5       | 313.5     | 4.2       | 315.3     |           |
| 01:15 | 2.7       | 295.2     | 3.2       | 299.3     | 3.8       | 305.8     | 4.6       | 310.6     |           |
| 01:20 | 3.3       | 299.2     | 3.8       | 304.7     | 4.2       | 308.5     | 4.5       | 313.4     |           |
| 01:25 | 3.3       | 301.0     | 3.9       | 307.7     | 4.3       | 312.8     | 4.8       | 316.1     |           |
| 01:30 | 2.7       | 301.8     | 3.2       | 311.2     | 3.9       | 317.1     | 4.5       | 320.0     | 5.2       |
| 01:35 | 2.5       | 299.8     | 3.1       | 306.5     | 3.6       | 314.4     | 4.3       | 319.0     | 4.3       |
| 01:40 | 2.1       | 290.6     | 2.5       | 296.9     | 3.1       | 307.8     | 3.4       | 314.1     |           |
| 01:45 | 1.8       | 258.7     | 2.0       | 277.2     | 2.5       | 290.5     | 3.0       | 300.5     | 3.5       |
| 01:50 | 2.0       | 256.3     | 2.1       | 274.1     | 2.6       | 289.6     | 2.9       | 299.0     | 2.9       |
| 01:55 | 1.8       | 263.6     | 2.1       | 281.4     | 2.5       | 290.5     | 3.1       | 301.3     |           |
| 02:00 | 2.0       | 257.0     | 1.9       | 274.3     | 2.3       | 288.2     | 2.9       | 298.4     | 3.2       |
| 02:05 | 2.2       | 254.4     | 1.9       | 266.0     | 2.0       | 282.3     | 2.7       | 294.1     | 3.7       |
| 02:10 | 2.0       | 265.2     | 1.9       | 281.7     | 2.0       | 295.0     | 2.7       | 303.3     | 2.5       |
| 02:15 | 2.0       | 277.0     | 1.9       | 293.5     | 2.1       | 303.2     | 2.7       | 310.0     | 3.2       |
| 02:20 | 1.8       | 277.5     | 2.0       | 290.3     | 1.9       | 298.4     | 2.3       | 311.0     | 3.4       |
| 02:25 | 1.7       | 274.0     | 1.7       | 286.4     | 1.7       | 296.3     | 2.1       | 306.6     | 2.6       |
| 02:30 | 1.6       | 283.6     | 1.6       | 296.0     | 1.8       | 305.6     | 2.6       | 315.9     | 2.9       |
| 02:35 | 1.4       | 296.5     | 1.7       | 309.1     | 2.2       | 318.6     | 2.7       | 312.4     | 3.0       |
| 02:40 | 1.1       | 321.6     | 1.6       | 325.5     | 2.1       | 322.9     | 2.2       | 319.2     | 2.4       |
| 02:45 | 1.2       | 335.0     | 1.7       | 333.2     | 2.1       | 328.2     | 2.3       | 324.9     | 2.8       |
| 02:50 | 1.2       | 342.7     | 1.6       | 337.4     | 2.0       | 333.2     | 2.3       | 328.8     | 3.1       |
| 02:55 | 1.2       | 340.3     | 1.7       | 334.5     | 2.1       | 328.7     | 2.7       | 325.4     | 2.6       |
| 03:00 | 1.5       | 331.5     | 2.0       | 323.7     | 2.4       | 323.3     | 2.6       | 325.2     | 3.5       |
| 03:05 | 2.1       | 333.0     | 2.5       | 330.1     | 2.7       | 333.1     | 2.6       | 339.8     | 2.7       |
| 03:10 | 2.2       | 328.6     | 2.3       | 333.4     | 2.5       | 336.4     | 2.9       | 335.8     |           |
| 03:15 | 2.0       | 310.5     | 2.0       | 318.8     | 2.3       | 314.7     | 2.5       | 322.6     | 2.6       |
| 03:20 | 1.8       | 310.9     | 2.2       | 318.2     | 2.3       | 323.0     | 2.4       | 333.3     | 1.9       |
| 03:25 | 1.8       | 308.7     | 2.2       | 317.0     | 2.3       | 319.2     | 2.2       | 333.7     |           |
| 03:30 | 1.8       | 314.6     | 2.2       | 312.8     | 2.0       | 318.6     | 1.9       | 329.9     |           |
| 03:35 | 2.2       | 318.8     | 2.1       | 327.3     | 2.0       | 340.2     | 2.2       | 333.2     |           |
| 03:40 | 2.3       | 338.1     | 2.8       | 350.4     | 3.0       | 348.4     |           |           |           |
| 03:45 | 2.3       | 338.3     | 2.9       | 342.3     | 3.2       | 345.2     |           |           |           |
| 03:50 | 2.3       | 332.0     | 2.7       | 337.0     | 2.8       | 328.1     | 2.1       | 347.8     |           |
| 03:55 | 2.4       | 332.7     | 2.7       | 327.5     | 2.5       | 329.2     | 2.1       | 348.0     |           |
| 04:00 | 2.5       | 322.9     | 2.5       | 316.5     | 2.4       | 317.4     | 2.0       | 324.5     | 1.7       |
| 04:05 | 2.2       | 316.3     | 2.2       | 312.0     | 1.9       | 315.3     | 1.6       | 323.4     | 1.3       |
| 04:10 | 1.8       | 312.2     | 1.8       | 309.2     | 1.8       | 315.6     | 1.4       | 310.5     | .3        |

|       | 21_WS160m | 22_WD160m | 23_WS180m | 24_WD180m | 25_WS200m | 26_WD200m | 27_WS220m | 28_WD220m | 29_WS240m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     |
| 04:15 | 1.8       | 304.9     | 1.8       | 309.2     | 1.6       | 313.0     | 1.2       | 317.9     |           |
| 04:20 | 1.6       | 310.5     | 1.6       | 293.4     | 1.6       | 303.1     | 1.2       | 317.0     | .8        |
| 04:25 | 1.3       | 303.6     | 1.6       | 288.6     | 1.7       | 285.6     | 1.9       | 286.4     | .3        |
| 04:30 | 1.0       | 291.2     | 1.4       | 290.5     | 1.5       | 285.1     | 1.5       | 274.8     | 1.4       |
| 04:35 | 1.0       | 287.7     | 1.5       | 296.1     | 1.7       | 281.0     | 1.4       | 279.9     | 2.1       |
| 04:40 | .8        | 264.7     | 1.2       | 298.3     | 1.3       | 289.3     | 1.0       | 277.3     |           |
| 04:45 | .9        | 272.2     | 1.3       | 300.1     | 1.6       | 287.8     | 1.8       | 279.9     | 2.2       |
| 04:50 | .7        | 278.4     | .9        | 301.8     | 1.3       | 287.4     | 1.3       | 272.4     |           |
| 04:55 | .6        | 275.3     | .4        | 277.1     | .9        | 312.9     | 1.1       | 275.4     | 1.0       |
| 05:00 | .4        | 266.0     | .3        | 197.7     | .5        | 337.4     | .8        | 286.5     | 1.3       |
| 05:05 | .3        | 250.2     | .3        | 139.1     | .5        | 120.0     | .7        | 343.2     | 1.3       |
| 05:10 | .3        | 164.4     | .5        | 92.7      | .7        | 102.4     | .6        | 41.9      | 1.1       |
| 05:15 | .4        | 207.2     | .4        | 134.8     | .7        | 122.0     | .7        | 123.6     | .7        |
| 05:20 | .2        | 191.4     | .5        | 92.2      | .7        | 110.2     | .5        | 102.3     | .8        |
| 05:25 | .3        | 51.3      | .6        | 71.2      | .6        | 94.5      | .7        | 46.1      | 1.0       |
| 05:30 | .3        | 83.0      | .6        | 82.9      | .6        | 101.4     | .8        | 58.2      | 1.0       |
| 05:35 | .4        | 99.8      | .7        | 90.8      | .7        | 97.6      | .8        | 65.0      | 1.1       |
| 05:40 | .6        | 66.7      | .8        | 71.9      | .8        | 80.3      | .7        | 75.9      | 1.1       |
| 05:45 | .6        | 65.8      | .6        | 81.2      | .7        | 117.6     | .6        | 114.8     | .6        |
| 05:50 | .3        | 108.2     | .5        | 124.3     | .7        | 167.7     | .6        | 146.7     | .7        |
| 05:55 | .5        | 132.2     | .8        | 170.2     | .9        | 185.1     | .6        | 225.8     | .5        |
| 06:00 | .4        | 143.2     | .7        | 186.2     | .8        | 196.5     | .5        | 240.9     | .9        |
| 06:05 | .4        | 79.7      | .4        | 127.3     | .6        | 185.2     | .6        | 228.6     | 1.0       |
| 06:10 | .5        | 101.8     | .6        | 103.8     | .6        | 154.5     | .6        | 184.7     | .8        |
| 06:15 | .5        | 101.1     | .6        | 108.0     | .7        | 137.8     | .7        | 164.1     | .7        |
| 06:20 | .4        | 138.8     | .6        | 125.6     | .8        | 151.3     | .8        | 176.9     | 1.0       |
| 06:25 | .4        | 117.2     | .6        | 115.7     | .8        | 137.8     | .7        | 156.4     | .8        |
| 06:30 | .4        | 166.0     | .4        | 109.9     | .5        | 100.8     | .7        | 119.3     | .7        |
| 06:35 | .6        | 177.3     | .4        | 114.8     | .6        | 80.6      | .7        | 103.6     | .6        |
| 06:40 | .5        | 173.6     | .5        | 98.7      | .7        | 94.5      | .6        | 113.2     | .6        |
| 06:45 | .5        | 115.9     | .7        | 90.9      | .9        | 103.7     | .7        | 126.0     | .5        |
| 06:50 | .6        | 84.1      | .8        | 91.6      | .9        | 112.0     | .7        | 129.4     | .5        |
| 06:55 | .5        | 53.4      | .7        | 63.3      | .7        | 96.2      | .7        | 122.4     | .6        |
| 07:00 | .5        | 64.7      | .7        | 71.0      | .8        | 116.1     | .6        | 129.5     | .5        |
| 07:05 | .5        | 67.0      | .5        | 92.8      | .8        | 130.0     | .7        | 174.9     | .8        |
| 07:10 | .5        | 95.3      | .5        | 109.2     | .8        | 146.2     | .7        | 194.8     | .5        |
| 07:15 | .5        | 119.6     | .7        | 147.9     | 1.0       | 175.2     | 1.0       | 208.9     | 1.0       |
| 07:20 | .6        | 98.5      | .7        | 146.4     | .7        | 189.6     | .9        | 232.0     | .8        |
| 07:25 | .7        | 66.5      | .4        | 116.0     | .5        | 228.4     | .7        | 279.4     | .9        |
| 07:30 | .6        | 62.1      | .4        | 114.0     | .6        | 233.1     | .7        | 272.9     | 1.0       |
| 07:35 | .5        | 49.0      | .3        | 156.7     | .6        | 248.6     | .8        | 291.5     | 1.0       |
| 07:40 | .4        | 54.2      | .4        | 211.9     | .7        | 250.8     | .9        | 280.4     | 1.0       |
| 07:45 | .3        | 33.1      | .6        | 211.6     | .9        | 242.9     | 1.0       | 264.8     | 1.2       |
| 07:50 | .5        | 350.2     | .7        | 272.5     | 1.1       | 279.2     | 1.3       | 291.9     | 1.4       |
| 07:55 | .4        | 346.3     | .9        | 264.6     | 1.0       | 280.3     | 1.3       | 288.6     | 1.4       |
| 08:00 | .3        | 294.8     | .8        | 242.0     | 1.0       | 258.6     | 1.1       | 274.0     | 1.4       |
| 08:05 | .3        | 185.1     | .8        | 221.0     | 1.0       | 257.8     | 1.1       | 256.5     | 1.4       |
| 08:10 | .5        | 209.5     | 1.1       | 227.0     | 1.2       | 248.1     | 1.4       | 253.1     | 1.8       |
| 08:15 | .5        | 247.4     | 1.1       | 235.1     | 1.1       | 247.7     | 1.3       | 257.7     | 1.4       |
| 08:20 | .5        | 283.2     | .8        | 248.1     | 1.1       | 255.2     | 1.4       | 265.0     | 1.5       |
| 08:25 | .9        | 291.0     | .9        | 265.3     | 1.4       | 258.6     | 1.6       | 269.2     | 1.7       |
| 08:30 | .8        | 266.2     | 1.2       | 252.6     | 1.5       | 265.8     | 1.7       | 264.5     | 1.9       |
| 08:35 | 1.1       | 254.9     | 1.7       | 257.3     | 1.9       | 265.7     | 1.9       | 249.3     | 2.1       |
| 08:40 | 1.3       | 247.0     | 1.9       | 258.1     | 2.0       | 261.6     | 1.9       | 244.8     | 2.3       |
| 08:45 | 1.7       | 244.9     | 2.1       | 257.2     | 2.2       | 254.1     | 2.2       | 245.1     | 2.5       |
| 08:50 | 2.1       | 246.3     | 2.4       | 252.3     | 2.9       | 245.3     | 3.1       | 242.7     | 3.4       |

|       | 21_WS160m | 22_WD160m | 23_WS180m | 24_WD180m | 25_WS200m | 26_WD200m | 27_WS220m | 28_WD220m | 29_WS240m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     |
| 08:55 | 1.9       | 250.0     | 2.5       | 248.2     | 2.9       | 244.8     | 3.5       | 242.5     | 3.6       |
| 09:00 | 2.2       | 254.9     | 2.8       | 247.0     | 3.5       | 244.7     | 4.0       | 242.2     | 4.1       |
| 09:05 | 2.5       | 250.8     | 3.0       | 245.3     | 3.7       | 246.9     | 4.1       | 246.7     | 4.3       |
| 09:10 | 2.5       | 254.4     | 2.9       | 250.4     | 3.8       | 255.3     | 4.4       | 257.7     | 4.4       |
| 09:15 | 3.0       | 262.8     | 3.3       | 258.0     | 4.1       | 262.1     | 4.7       | 261.2     | 4.5       |
| 09:20 | 3.1       | 260.8     | 3.6       | 264.6     | 4.1       | 266.3     | 4.6       | 263.0     | 4.6       |
| 09:25 | 2.9       | 267.4     | 3.4       | 269.0     | 3.9       | 268.7     | 4.2       | 263.7     | 4.4       |
| 09:30 | 3.0       | 272.0     | 3.5       | 270.0     | 3.9       | 267.8     | 4.2       | 262.9     | 4.4       |
| 09:35 | 3.2       | 274.6     | 3.7       | 270.5     | 4.2       | 266.4     | 4.5       | 259.7     | 4.5       |
| 09:40 | 2.9       | 279.4     | 3.3       | 272.3     | 3.8       | 267.1     | 4.1       | 260.7     | 4.3       |
| 09:45 | 2.7       | 275.1     | 3.1       | 275.2     | 3.7       | 274.2     | 4.0       | 266.6     | 4.4       |
| 09:50 | 2.1       | 287.2     | 2.9       | 279.7     | 3.5       | 275.9     | 3.8       | 268.3     | 4.3       |
| 09:55 | 2.3       | 270.3     | 2.8       | 275.3     | 3.3       | 275.8     | 3.6       | 274.2     | 3.8       |
| 10:00 | 2.3       | 269.4     | 2.3       | 275.6     | 2.6       | 275.6     | 3.0       | 272.0     | 3.4       |
| 10:05 | 2.6       | 257.9     | 2.9       | 262.2     | 2.8       | 263.4     | 2.9       | 264.2     | 3.2       |
| 10:10 | 2.3       | 261.9     | 2.5       | 264.1     | 2.8       | 262.7     | 2.8       | 263.9     | 3.1       |
| 10:15 | 1.5       | 258.3     | 1.7       | 270.4     | 1.9       | 271.0     | 2.1       | 267.3     | 2.7       |
| 10:20 | 1.4       | 206.0     | 1.5       | 231.8     | 2.0       | 248.0     | 2.4       | 253.5     | 2.6       |
| 10:25 | 1.9       | 257.0     | 2.2       | 259.9     | 2.3       | 265.4     | 2.3       | 264.5     | 2.5       |
| 10:30 | 1.5       | 246.7     | 1.7       | 256.1     | 1.9       | 261.2     | 2.2       | 258.6     | 2.7       |
| 10:35 | 1.5       | 180.2     | 1.7       | 205.9     | 2.0       | 221.2     | 2.4       | 231.5     | 2.8       |
| 10:40 | 2.7       | 232.2     | 2.7       | 232.0     | 2.8       | 230.8     | 2.8       | 228.7     | 2.7       |
| 10:45 | 2.3       | 224.1     | 2.5       | 216.4     | 2.5       | 213.8     | 2.8       | 211.8     | 2.7       |
| 10:50 | 1.6       | 210.8     | 1.5       | 210.0     | 1.6       | 203.4     | 1.8       | 194.9     | 2.0       |
| 10:55 | 1.5       | 220.7     | 1.5       | 221.5     | 1.3       | 216.3     | 1.5       | 217.6     | 1.5       |
| 11:00 | 1.5       | 240.3     | 1.4       | 239.5     | 1.4       | 226.7     | 1.2       | 227.7     | 1.2       |
| 11:05 | 1.9       | 217.7     | 1.8       | 213.7     | 1.6       | 204.6     | 1.7       | 198.6     | 1.9       |
| 11:10 | 1.8       | 167.0     | 1.8       | 165.9     | 1.9       | 178.0     | 2.2       | 183.3     | 2.6       |
| 11:15 | 1.3       | 189.1     | 1.3       | 188.6     | 1.2       | 186.8     | 1.2       | 177.0     | 1.4       |
| 11:20 | .8        | 160.1     | 1.1       | 194.0     | 1.3       | 203.3     | 1.5       | 192.8     | 1.7       |
| 11:25 | 1.8       | 118.6     | 1.7       | 118.3     | 1.9       | 120.1     | 2.3       | 126.3     | 2.6       |
| 11:30 | 2.0       | 159.9     | 1.8       | 165.6     | 1.8       | 173.1     | 1.7       | 179.4     | 1.5       |
| 11:35 | 1.2       | 193.2     | 1.4       | 183.2     | 1.4       | 200.9     | 1.4       | 204.2     | 1.5       |
| 11:40 | 1.7       | 168.7     | 1.6       | 181.6     | 1.4       | 195.8     | 1.4       | 207.4     | 1.7       |
| 11:45 | 1.9       | 196.7     | 2.1       | 201.1     | 2.2       | 202.8     | 2.2       | 200.6     | 2.1       |
| 11:50 | 1.5       | 167.3     | 1.6       | 166.1     | 1.8       | 168.2     | 2.0       | 161.0     | 1.8       |
| 11:55 | 1.4       | 229.4     | 1.6       | 210.6     | 1.5       | 190.7     | 1.8       | 191.8     | 1.7       |
| 12:00 | 1.6       | 175.2     | 1.7       | 166.7     | 1.7       | 167.9     | 1.7       | 174.3     | 1.8       |
| 12:05 | 1.8       | 206.7     | 1.6       | 205.4     | 1.7       | 198.9     | 1.8       | 185.9     | 1.9       |
| 12:10 | 1.5       | 222.9     | 1.7       | 229.9     | 1.8       | 237.4     | 1.7       | 235.4     | 1.1       |
| 12:15 | 1.1       | 245.1     | 1.2       | 239.2     | 1.4       | 229.9     | 1.5       | 227.1     | .9        |
| 12:20 | 3.1       | 264.8     | 3.0       | 262.6     | 3.1       | 261.0     | 2.6       | 250.6     |           |
| 12:25 | 3.3       | 239.6     | 3.3       | 240.6     | 3.3       | 240.1     | 3.2       | 235.4     | 2.3       |
| 12:30 | 3.3       | 217.5     | 3.1       | 219.7     | 3.4       | 220.9     |           |           |           |
| 12:35 | 3.4       | 202.2     | 3.5       | 200.1     | 3.7       | 209.8     | 3.7       | 201.4     |           |
| 12:40 | 3.2       | 208.7     | 3.2       | 208.0     | 2.2       | 197.3     |           |           |           |
| 12:45 | 4.1       | 199.8     | 4.2       | 204.0     | 3.9       | 200.3     | 3.9       | 188.3     |           |
| 12:50 | 4.6       | 194.8     | 4.3       | 196.3     | 4.3       | 199.2     | 3.9       | 214.2     |           |
| 12:55 | 3.3       | 206.5     | 3.2       | 202.2     | 3.4       | 208.7     |           |           |           |
| 13:00 | 4.1       | 221.9     | 3.9       | 226.9     | 3.4       | 229.8     | 2.8       | 235.2     |           |
| 13:05 | 2.8       | 165.1     | 3.0       | 172.3     | 2.7       | 176.1     | 2.9       | 192.8     |           |
| 13:10 | 3.0       | 227.3     | 2.9       | 228.6     | 3.5       | 239.3     |           |           |           |
| 13:15 | 3.5       | 213.8     | 3.6       | 213.5     | 4.1       | 213.9     |           |           |           |
| 13:20 | 2.9       | 216.7     | 3.0       | 217.4     | 2.9       | 222.6     |           |           |           |
| 13:25 | 2.9       | 223.0     | 3.4       | 224.6     | 3.0       | 215.9     |           |           |           |
| 13:30 | 3.0       | 240.5     | 3.2       | 237.3     | 3.5       | 245.6     |           |           |           |

|       | 21_WS160m | 22_WD160m | 23_WS180m | 24_WD180m | 25_WS200m | 26_WD200m | 27_WS220m | 28_WD220m | 29_WS240m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     |
| 13:35 | 3.6       | 196.4     | 3.7       | 198.3     |           |           |           |           |           |
| 13:40 | 4.4       | 185.1     | 4.3       | 188.7     |           |           |           |           |           |
| 13:45 | 4.1       | 193.1     | 4.3       | 197.0     | 3.4       | 206.7     |           |           |           |
| 13:50 | 3.9       | 189.3     | 4.2       | 190.3     | 4.1       | 183.7     |           |           |           |
| 13:55 | 4.0       | 199.3     |           |           |           |           |           |           |           |
| 14:00 | 4.7       | 219.7     |           |           |           |           |           |           |           |
| 14:05 | 4.0       | 235.5     |           |           |           |           |           |           |           |
| 14:10 | 4.4       | 248.1     |           |           |           |           |           |           |           |
| 14:15 |           |           |           |           |           |           |           |           |           |
| 14:20 | 3.2       | 247.4     |           |           |           |           |           |           |           |
| 14:25 | 3.9       | 232.0     |           |           |           |           |           |           |           |
| 14:30 | 3.5       | 207.8     |           |           |           |           |           |           |           |
| 14:35 | 3.6       | 229.5     |           |           |           |           |           |           |           |
| 14:40 | 3.4       | 230.2     |           |           |           |           |           |           |           |
| 14:45 | 4.8       | 222.9     |           |           |           |           |           |           |           |
| 14:50 |           |           |           |           |           |           |           |           |           |
| 14:55 |           |           |           |           |           |           |           |           |           |
| 15:00 | 3.0       | 230.9     |           |           |           |           |           |           |           |
| 15:05 | 4.1       | 240.7     |           |           |           |           |           |           |           |
| 15:10 | 3.2       | 233.6     |           |           |           |           |           |           |           |
| 15:15 | 4.3       | 188.6     | 4.3       | 169.1     |           |           |           |           |           |
| 15:20 | 3.4       | 222.5     |           |           |           |           |           |           |           |
| 15:25 | 3.8       | 221.6     |           |           |           |           |           |           |           |
| 15:30 | 3.9       | 197.8     | 4.8       | 202.5     |           |           |           |           |           |
| 15:35 | 4.4       | 182.7     | 5.0       | 180.3     |           |           |           |           |           |
| 15:40 | 4.9       | 186.8     | 5.1       | 186.7     |           |           |           |           |           |
| 15:45 | 4.3       | 192.2     | 4.1       | 195.0     | 3.6       | 188.4     |           |           |           |
| 15:50 | 4.3       | 206.6     | 4.7       | 196.2     |           |           |           |           |           |
| 15:55 | 3.1       | 212.3     | 4.1       | 215.7     |           |           |           |           |           |
| 16:00 | 3.1       | 195.7     | 3.3       | 199.0     | 2.0       | 195.9     |           |           |           |
| 16:05 | 5.0       | 212.4     | 5.0       | 211.6     | 5.0       | 210.1     | 4.2       | 214.7     |           |
| 16:10 | 4.9       | 201.5     | 5.0       | 201.4     | 4.6       | 202.3     | 4.2       | 202.7     |           |
| 16:15 | 4.6       | 199.3     | 4.5       | 196.6     | 4.5       | 200.9     | 5.0       | 203.4     |           |
| 16:20 | 4.8       | 208.1     | 4.6       | 214.2     | 4.5       | 215.9     |           |           |           |
| 16:25 | 4.5       | 208.7     | 4.5       | 207.1     | 4.8       | 209.5     | 4.1       | 205.5     |           |
| 16:30 | 4.8       | 209.5     | 5.0       | 207.2     | 5.3       | 208.0     | 6.2       | 218.6     |           |
| 16:35 | 5.7       | 207.4     | 5.8       | 210.0     | 5.6       | 210.1     | 5.9       | 216.1     |           |
| 16:40 | 5.3       | 212.5     | 5.5       | 215.8     | 5.7       | 219.5     |           |           |           |
| 16:45 | 5.3       | 216.9     | 5.5       | 219.2     | 5.4       | 220.0     |           |           |           |
| 16:50 | 6.4       | 213.4     | 6.5       | 212.7     | 6.6       | 210.0     |           |           |           |
| 16:55 | 6.6       | 210.3     | 6.7       | 211.3     | 7.1       | 211.2     |           |           |           |
| 17:00 | 6.3       | 211.1     | 6.5       | 212.1     | 6.7       | 212.9     |           |           |           |
| 17:05 | 6.2       | 214.0     | 6.4       | 214.5     | 6.6       | 215.2     |           |           |           |
| 17:10 | 6.2       | 217.4     | 6.5       | 217.3     | 6.3       | 216.8     |           |           |           |
| 17:15 | 5.6       | 215.5     | 6.1       | 214.1     |           |           |           |           |           |
| 17:20 | 5.4       | 216.3     | 5.9       | 217.4     | 5.7       | 216.8     |           |           |           |
| 17:25 | 5.2       | 217.3     | 5.4       | 216.8     | 6.1       | 217.4     |           |           |           |
| 17:30 | 4.8       | 220.2     | 5.2       | 220.3     | 5.5       | 215.3     |           |           |           |
| 17:35 | 4.7       | 218.0     | 5.3       | 216.5     | 6.0       | 218.4     |           |           |           |
| 17:40 | 4.2       | 219.1     | 4.6       | 217.7     | 5.4       | 220.5     |           |           |           |
| 17:45 | 4.3       | 217.9     | 4.7       | 218.7     | 4.8       | 218.8     | 4.8       | 208.5     |           |
| 17:50 | 4.5       | 218.9     | 5.0       | 216.1     | 5.5       | 221.7     |           |           |           |
| 17:55 | 4.7       | 221.6     | 5.0       | 220.7     | 6.0       | 220.3     |           |           |           |
| 18:00 | 4.6       | 224.3     | 5.3       | 224.5     |           |           |           |           |           |
| 18:05 | 4.2       | 229.7     | 4.7       | 229.7     | 5.0       | 231.3     | 5.6       | 231.2     |           |
| 18:10 | 4.4       | 233.7     | 4.8       | 231.7     | 5.1       | 232.4     | 5.5       | 232.8     | 6.2       |



|       | 21_WS160m | 22_WD160m | 23_WS180m | 24_WD180m | 25_WS200m | 26_WD200m | 27_WS220m | 28_WD220m | 29_WS240m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     | DEGC      | M/SEC     |
| 18:15 | 4.4       | 234.7     | 4.8       | 232.2     | 5.4       | 238.6     |           |           |           |
| 18:20 | 4.4       | 227.6     | 4.6       | 230.1     | 4.0       | 241.4     |           |           |           |
| 18:25 | 4.8       | 228.2     | 5.3       | 227.9     |           |           |           |           |           |
| 18:30 | 4.3       | 229.0     | 5.1       | 229.9     |           |           |           |           |           |
| 18:35 | 4.7       | 233.1     | 5.3       | 236.5     |           |           |           |           |           |
| 18:40 | 4.9       | 236.3     | 5.4       | 235.2     | 5.1       | 231.7     |           |           |           |
| 18:45 | 4.6       | 239.6     | 5.3       | 238.8     | 5.1       | 237.9     |           |           |           |
| 18:50 | 4.4       | 235.6     | 5.1       | 234.0     |           |           |           |           |           |
| 18:55 | 4.7       | 234.7     | 5.3       | 235.5     |           |           |           |           |           |
| 19:00 | 4.7       | 234.5     | 5.9       | 230.9     |           |           |           |           |           |
| 19:05 | 5.1       | 228.9     | 5.5       | 228.2     | 5.5       | 229.6     |           |           |           |
| 19:10 | 4.7       | 224.1     | 5.2       | 223.1     |           |           |           |           |           |
| 19:15 | 5.1       | 225.7     | 5.5       | 225.2     | 5.6       | 225.2     | 5.8       | 226.7     | 6.0       |
| 19:20 | 4.9       | 226.9     | 6.4       | 228.5     |           |           |           |           |           |
| 19:25 | 5.0       | 225.2     | 5.4       | 223.8     |           |           |           |           |           |
| 19:30 | 4.1       | 217.7     | 4.8       | 217.2     | 4.4       | 216.8     |           |           |           |
| 19:35 | 4.3       | 219.2     | 5.0       | 216.9     | 6.0       | 219.1     | 7.7       | 214.2     |           |
| 19:40 | 4.9       | 219.9     | 5.8       | 219.4     | 6.4       | 218.7     |           |           |           |
| 19:45 | 4.9       | 218.1     | 5.5       | 217.4     | 6.4       | 217.5     | 7.2       | 216.9     | 7.8       |
| 19:50 | 5.2       | 217.1     | 5.7       | 217.6     | 6.3       | 218.3     | 7.2       | 221.2     |           |
| 19:55 | 5.5       | 218.9     | 6.2       | 218.4     | 6.8       | 220.1     | 7.1       | 219.9     |           |
| 20:00 |           |           |           |           |           |           |           |           |           |
| 20:05 | 6.1       | 223.7     | 6.6       | 222.6     | 7.1       | 221.7     | 7.9       | 221.3     |           |
| 20:10 | 6.4       | 222.3     | 7.0       | 221.8     | 7.5       | 220.7     | 8.5       | 217.3     |           |
| 20:15 | 6.3       | 225.6     | 6.9       | 224.1     | 7.5       | 222.9     | 8.1       | 221.6     |           |
| 20:20 | 6.2       | 224.0     | 6.7       | 222.9     | 7.4       | 222.0     | 8.1       | 220.8     | 9.1       |
| 20:25 | 6.4       | 221.8     | 6.9       | 220.7     | 7.7       | 219.6     | 8.3       | 218.5     | 8.9       |
| 20:30 | 6.4       | 220.9     | 7.0       | 219.2     | 7.8       | 219.1     | 8.5       | 219.5     | 9.5       |
| 20:35 | 6.3       | 219.9     | 6.9       | 218.5     | 7.6       | 217.6     | 8.4       | 216.2     | 9.4       |
| 20:40 | 6.1       | 219.7     | 6.7       | 218.6     | 7.4       | 217.9     | 8.0       | 216.9     | 9.0       |
| 20:45 | 6.2       | 219.5     | 6.9       | 218.0     | 7.6       | 217.2     | 8.3       | 217.7     | 8.8       |
| 20:50 | 6.7       | 218.1     | 7.4       | 216.4     | 7.9       | 215.9     | 8.5       | 216.6     | 8.0       |
| 20:55 | 7.0       | 217.6     | 7.7       | 217.7     | 8.4       | 217.9     | 8.9       | 218.6     | 9.3       |
| 21:00 | 6.9       | 221.2     | 7.7       | 221.3     | 8.2       | 221.0     | 8.6       | 220.1     | 9.9       |
| 21:05 | 7.1       | 220.8     | 7.8       | 221.0     | 8.2       | 220.6     | 8.6       | 221.0     |           |
| 21:10 | 6.6       | 222.3     | 7.4       | 222.6     | 8.0       | 221.7     | 8.6       | 222.1     | 9.1       |
| 21:15 | 7.0       | 222.8     | 7.8       | 221.9     | 8.4       | 222.5     | 8.9       | 222.6     | 9.1       |
| 21:20 | 7.2       | 222.7     | 7.9       | 222.9     | 8.5       | 223.1     | 8.8       | 224.1     | 9.0       |
| 21:25 | 6.8       | 222.4     | 7.3       | 222.8     | 7.7       | 224.2     | 7.9       | 224.5     | 8.5       |
| 21:30 | 6.2       | 224.6     | 6.6       | 225.8     | 7.0       | 226.6     | 7.3       | 227.8     |           |
| 21:35 | 6.2       | 225.5     | 6.7       | 227.1     | 7.1       | 227.9     | 7.5       | 229.4     | 8.0       |
| 21:40 | 6.5       | 224.2     | 6.9       | 225.3     | 7.4       | 224.6     | 7.7       | 225.5     | 8.0       |
| 21:45 | 6.6       | 223.9     | 7.2       | 224.2     | 7.8       | 224.0     | 8.1       | 224.1     | 9.0       |
| 21:50 | 6.4       | 226.6     | 7.0       | 225.9     | 7.4       | 225.8     | 7.9       | 225.8     | 8.4       |
| 21:55 | 6.2       | 228.1     | 6.7       | 226.9     | 7.3       | 225.9     | 7.7       | 225.9     | 8.1       |
| 22:00 | 6.4       | 226.7     | 6.9       | 225.4     | 7.4       | 225.7     | 7.8       | 226.0     | 8.1       |
| 22:05 | 6.4       | 225.4     | 6.8       | 225.5     | 7.2       | 227.2     | 7.2       | 230.1     | 7.7       |
| 22:10 | 6.2       | 223.3     | 6.5       | 225.5     | 7.1       | 227.0     | 7.6       | 227.3     | 7.8       |
| 22:15 | 6.5       | 221.7     | 6.7       | 223.7     | 7.1       | 224.6     | 7.6       | 225.4     | 8.1       |
| 22:20 | 6.3       | 223.0     | 6.6       | 224.6     | 7.0       | 225.1     | 7.3       | 227.1     | 7.6       |
| 22:25 | 6.1       | 224.2     | 6.4       | 225.4     | 6.8       | 226.1     | 7.6       | 224.5     | 7.5       |
| 22:30 | 5.9       | 224.4     | 6.2       | 226.2     | 6.7       | 226.2     | 6.9       | 229.0     | 7.9       |
| 22:35 | 6.1       | 224.5     | 6.5       | 224.8     | 6.8       | 226.1     | 6.6       | 230.2     | 7.1       |
| 22:40 | 6.3       | 221.1     | 6.4       | 222.9     | 6.9       | 223.7     | 7.4       | 224.9     | 7.4       |
| 22:45 | 6.3       | 220.2     | 6.8       | 221.5     | 7.1       | 223.4     | 7.6       | 224.7     | 7.5       |
| 22:50 | 6.0       | 221.8     | 6.6       | 222.7     | 7.1       | 223.5     | 7.5       | 224.0     | 7.7       |





|       | 30_WD240m | 31_WS260m | 32_WD260m | 33_WS280m | 34_WD280m | 35_WS300m | 36_WD300m | 37_WS320m | 38_WD320m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | DEG       | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 04:15 |           |           |           |           |           |           |           |           |           |
| 04:20 | 318.6     |           |           |           |           |           |           |           |           |
| 04:25 | 281.1     |           |           |           |           |           |           |           |           |
| 04:30 | 267.0     | .9        | 248.8     |           |           |           |           |           |           |
| 04:35 | 267.3     |           |           |           |           |           |           |           |           |
| 04:40 |           |           |           |           |           |           |           |           |           |
| 04:45 | 274.9     |           |           |           |           |           |           |           |           |
| 04:50 |           |           |           |           |           |           |           |           |           |
| 04:55 | 279.6     |           |           |           |           |           |           |           |           |
| 05:00 | 275.3     |           |           |           |           |           |           |           |           |
| 05:05 | 289.0     |           |           |           |           |           |           |           |           |
| 05:10 | 334.7     |           |           |           |           |           |           |           |           |
| 05:15 | 356.9     | 1.1       | 316.2     |           |           |           |           |           |           |
| 05:20 | 352.7     | 1.2       | 293.2     |           |           |           |           |           |           |
| 05:25 | 34.2      | .7        | 299.1     |           |           |           |           |           |           |
| 05:30 | 29.1      | 1.9       | 283.2     |           |           |           |           |           |           |
| 05:35 | 47.0      | .6        | 322.7     |           |           |           |           |           |           |
| 05:40 | 30.4      | .7        | 13.7      |           |           |           |           |           |           |
| 05:45 | 40.7      | .6        | 264.9     |           |           |           |           |           |           |
| 05:50 | 28.6      | .7        | 242.0     |           |           |           |           |           |           |
| 05:55 | 257.5     | 1.8       | 177.3     |           |           |           |           |           |           |
| 06:00 | 230.5     | 2.2       | 230.7     |           |           |           |           |           |           |
| 06:05 | 228.5     | 2.2       | 234.8     |           |           |           |           |           |           |
| 06:10 | 218.5     | 2.1       | 236.2     |           |           |           |           |           |           |
| 06:15 | 198.9     | .9        | 241.3     | 2.5       | 249.3     |           |           |           |           |
| 06:20 | 208.6     | 1.6       | 250.4     |           |           |           |           |           |           |
| 06:25 | 210.9     | 1.2       | 254.8     | .9        | 240.7     |           |           |           |           |
| 06:30 | 157.7     | .9        | 265.1     | 1.9       | 290.5     |           |           |           |           |
| 06:35 | 116.7     | .5        | 184.0     |           |           |           |           |           |           |
| 06:40 | 192.2     | .8        | 283.0     |           |           |           |           |           |           |
| 06:45 | 150.4     | 1.3       | 306.6     |           |           |           |           |           |           |
| 06:50 | 330.5     | 1.0       | 318.0     |           |           |           |           |           |           |
| 06:55 | 330.4     | 1.2       | 308.3     |           |           |           |           |           |           |
| 07:00 | 311.1     | 1.1       | 309.7     |           |           |           |           |           |           |
| 07:05 | 283.9     | .5        | 323.6     |           |           |           |           |           |           |
| 07:10 | 218.3     | .9        | 283.2     |           |           |           |           |           |           |
| 07:15 | 236.2     | 1.0       | 257.4     | 2.6       | 266.7     |           |           |           |           |
| 07:20 | 262.6     | 1.6       | 272.4     |           |           |           |           |           |           |
| 07:25 | 295.2     | .9        | 301.8     |           |           |           |           |           |           |
| 07:30 | 289.6     | 1.2       | 289.4     |           |           |           |           |           |           |
| 07:35 | 299.7     | 1.2       | 272.4     |           |           |           |           |           |           |
| 07:40 | 268.4     | 1.3       | 256.2     | 1.1       | 243.5     |           |           |           |           |
| 07:45 | 256.0     | 1.7       | 243.5     | 1.8       | 237.6     |           |           |           |           |
| 07:50 | 274.5     | 1.5       | 260.5     | 1.0       | 267.8     |           |           |           |           |
| 07:55 | 277.2     | 1.6       | 263.0     |           |           |           |           |           |           |
| 08:00 | 256.4     | 1.8       | 248.6     |           |           |           |           |           |           |
| 08:05 | 230.3     | 1.3       | 231.6     |           |           |           |           |           |           |
| 08:10 | 233.0     | 1.8       | 238.4     |           |           |           |           |           |           |
| 08:15 | 235.1     | 2.2       | 231.8     |           |           |           |           |           |           |
| 08:20 | 249.9     | 2.4       | 238.1     |           |           |           |           |           |           |
| 08:25 | 262.9     | 1.9       | 245.5     |           |           |           |           |           |           |
| 08:30 | 249.4     | 2.3       | 235.2     | 3.0       | 244.0     |           |           |           |           |
| 08:35 | 232.9     | 2.6       | 231.2     | 2.8       | 234.4     |           |           |           |           |
| 08:40 | 232.4     | 2.6       | 231.8     | 3.6       | 239.0     | 3.5       | 236.7     |           |           |
| 08:45 | 233.6     | 3.0       | 233.2     | 3.4       | 234.3     | 3.9       | 234.0     |           |           |
| 08:50 | 240.0     | 3.2       | 236.5     | 3.7       | 235.9     |           |           |           |           |





|       | 30_WD240m | 31_WS260m | 32_WD260m | 33_WS280m | 34_WD280m | 35_WS300m | 36_WD300m | 37_WS320m | 38_WD320m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | DEG       | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 18:15 |           |           |           |           |           |           |           |           |           |
| 18:20 |           |           |           |           |           |           |           |           |           |
| 18:25 |           |           |           |           |           |           |           |           |           |
| 18:30 |           |           |           |           |           |           |           |           |           |
| 18:35 |           |           |           |           |           |           |           |           |           |
| 18:40 |           |           |           |           |           |           |           |           |           |
| 18:45 |           |           |           |           |           |           |           |           |           |
| 18:50 |           |           |           |           |           |           |           |           |           |
| 18:55 |           |           |           |           |           |           |           |           |           |
| 19:00 |           |           |           |           |           |           |           |           |           |
| 19:05 |           |           |           |           |           |           |           |           |           |
| 19:10 |           |           |           |           |           |           |           |           |           |
| 19:15 | 224.6     |           |           |           |           |           |           |           |           |
| 19:20 |           |           |           |           |           |           |           |           |           |
| 19:25 |           |           |           |           |           |           |           |           |           |
| 19:30 |           |           |           |           |           |           |           |           |           |
| 19:35 |           |           |           |           |           |           |           |           |           |
| 19:40 |           |           |           |           |           |           |           |           |           |
| 19:45 | 217.1     |           |           |           |           |           |           |           |           |
| 19:50 |           |           |           |           |           |           |           |           |           |
| 19:55 |           | 8.3       | 219.7     |           |           |           |           |           |           |
| 20:00 |           |           |           |           |           |           |           |           |           |
| 20:05 |           |           |           |           |           |           |           |           |           |
| 20:10 |           |           |           |           |           |           |           |           |           |
| 20:15 |           |           |           |           |           |           |           |           |           |
| 20:20 | 219.5     |           |           |           |           |           |           |           |           |
| 20:25 | 217.8     |           |           |           |           |           |           |           |           |
| 20:30 | 218.6     | 8.2       | 216.3     |           |           |           |           |           |           |
| 20:35 | 217.2     |           |           |           |           |           |           |           |           |
| 20:40 | 216.4     |           |           |           |           |           |           |           |           |
| 20:45 | 218.1     |           |           |           |           |           |           |           |           |
| 20:50 | 216.1     |           |           |           |           |           |           |           |           |
| 20:55 | 221.4     |           |           |           |           |           |           |           |           |
| 21:00 | 218.3     |           |           |           |           |           |           |           |           |
| 21:05 |           |           |           |           |           |           |           |           |           |
| 21:10 | 221.1     |           |           |           |           |           |           |           |           |
| 21:15 | 222.8     |           |           |           |           |           |           |           |           |
| 21:20 | 223.9     | 10.0      | 225.8     |           |           |           |           |           |           |
| 21:25 | 222.7     |           |           |           |           |           |           |           |           |
| 21:30 |           |           |           |           |           |           |           |           |           |
| 21:35 | 227.1     |           |           |           |           |           |           |           |           |
| 21:40 | 224.4     |           |           |           |           |           |           |           |           |
| 21:45 | 223.8     |           |           |           |           |           |           |           |           |
| 21:50 | 224.7     |           |           |           |           |           |           |           |           |
| 21:55 | 225.0     |           |           |           |           |           |           |           |           |
| 22:00 | 227.3     | 6.9       | 228.4     |           |           |           |           |           |           |
| 22:05 | 230.1     |           |           |           |           |           |           |           |           |
| 22:10 | 226.8     |           |           |           |           |           |           |           |           |
| 22:15 | 227.2     | 8.6       | 230.7     |           |           |           |           |           |           |
| 22:20 | 228.4     |           |           |           |           |           |           |           |           |
| 22:25 | 226.8     |           |           |           |           |           |           |           |           |
| 22:30 | 227.4     |           |           |           |           |           |           |           |           |
| 22:35 | 229.6     |           |           |           |           |           |           |           |           |
| 22:40 | 228.3     | 8.6       | 225.9     |           |           |           |           |           |           |
| 22:45 | 227.0     |           |           |           |           |           |           |           |           |
| 22:50 | 226.4     | 8.0       | 226.7     |           |           |           |           |           |           |





### Daily Summary Report

Site: Lidar "Q" (PAM35)

11/27/2021

Interval: 005m

|       | 39_WS340m | 40_WD340m | 41_WS360m | 42_WD360m | 43_WS380m | 44_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 00:00 |           |           |           |           |           |           |
| 00:05 |           |           |           |           |           |           |
| 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 |           |           |           |           |           |           |

|       | 39_WS340m | 40_WD340m | 41_WS360m | 42_WD360m | 43_WS380m | 44_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 04:15 |           |           |           |           |           |           |
| 04:20 |           |           |           |           |           |           |
| 04:25 |           |           |           |           |           |           |
| 04:30 |           |           |           |           |           |           |
| 04:35 |           |           |           |           |           |           |
| 04:40 |           |           |           |           |           |           |
| 04:45 |           |           |           |           |           |           |
| 04:50 |           |           |           |           |           |           |
| 04:55 |           |           |           |           |           |           |
| 05:00 |           |           |           |           |           |           |
| 05:05 |           |           |           |           |           |           |
| 05:10 |           |           |           |           |           |           |
| 05:15 |           |           |           |           |           |           |
| 05:20 |           |           |           |           |           |           |
| 05:25 |           |           |           |           |           |           |
| 05:30 |           |           |           |           |           |           |
| 05:35 |           |           |           |           |           |           |
| 05:40 |           |           |           |           |           |           |
| 05:45 |           |           |           |           |           |           |
| 05:50 |           |           |           |           |           |           |
| 05:55 |           |           |           |           |           |           |
| 06:00 |           |           |           |           |           |           |
| 06:05 |           |           |           |           | 1.6       | 264.9     |
| 06:10 |           |           |           |           | 1.6       | 255.5     |
| 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 |           |           |           |           |           |           |

|       | 39_WS340m | 40_WD340m | 41_WS360m | 42_WD360m | 43_WS380m | 44_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 08:55 |           |           |           |           |           |           |
| 09:00 |           |           |           |           |           |           |
| 09:05 |           |           |           |           |           |           |
| 09:10 |           |           |           |           |           |           |
| 09:15 |           |           |           |           |           |           |
| 09:20 |           |           |           |           |           |           |
| 09:25 |           |           |           |           |           |           |
| 09:30 |           |           |           |           |           |           |
| 09:35 |           |           |           |           |           |           |
| 09:40 | 4.3       | 238.5     |           |           |           |           |
| 09:45 |           |           |           |           |           |           |
| 09:50 | 6.8       | 244.9     |           |           |           |           |
| 09:55 |           |           |           |           |           |           |
| 10:00 |           |           |           |           |           |           |
| 10:05 |           |           |           |           |           |           |
| 10:10 |           |           |           |           |           |           |
| 10:15 |           |           |           |           |           |           |
| 10:20 |           |           |           |           |           |           |
| 10:25 |           |           |           |           |           |           |
| 10:30 |           |           |           |           |           |           |
| 10:35 |           |           |           |           |           |           |
| 10:40 |           |           |           |           |           |           |
| 10:45 |           |           |           |           | .9        | 221.2     |
| 10:50 |           |           |           |           |           |           |
| 10:55 |           |           |           |           |           |           |
| 11:00 |           |           |           |           |           |           |
| 11:05 |           |           |           |           |           |           |
| 11:10 |           |           |           |           |           |           |
| 11:15 |           |           |           |           |           |           |
| 11:20 |           |           |           |           |           |           |
| 11:25 |           |           |           |           | 1.2       | 247.3     |
| 11:30 |           |           |           |           | 1.2       | 212.6     |
| 11:35 |           |           |           |           |           |           |
| 11:40 |           |           |           |           | 1.1       | 210.6     |
| 11:45 |           |           |           |           |           |           |
| 11:50 |           |           |           |           | .9        | 263.4     |
| 11:55 |           |           |           |           |           |           |
| 12:00 |           |           |           |           |           |           |
| 12:05 |           |           |           |           |           |           |
| 12:10 |           |           |           |           | 1.2       | 228.6     |
| 12:15 |           |           |           |           |           |           |
| 12:20 |           |           |           |           |           |           |
| 12:25 |           |           |           |           |           |           |
| 12:30 |           |           |           |           |           |           |
| 12:35 |           |           |           |           |           |           |
| 12:40 |           |           |           |           |           |           |
| 12:45 |           |           |           |           |           |           |
| 12:50 |           |           |           |           |           |           |
| 12:55 |           |           |           |           |           |           |
| 13:00 |           |           |           |           |           |           |
| 13:05 |           |           |           |           |           |           |
| 13:10 |           |           |           |           |           |           |
| 13:15 |           |           |           |           |           |           |
| 13:20 |           |           |           |           |           |           |
| 13:25 |           |           |           |           |           |           |
| 13:30 |           |           |           |           |           |           |

|       | 39_WS340m | 40_WD340m | 41_WS360m | 42_WD360m | 43_WS380m | 44_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 13:35 |           |           |           |           |           |           |
| 13:40 |           |           |           |           |           |           |
| 13:45 |           |           |           |           |           |           |
| 13:50 |           |           |           |           |           |           |
| 13:55 |           |           |           |           |           |           |
| 14:00 |           |           |           |           |           |           |
| 14:05 |           |           |           |           |           |           |
| 14:10 |           |           |           |           |           |           |
| 14:15 |           |           |           |           |           |           |
| 14:20 |           |           |           |           |           |           |
| 14:25 |           |           |           |           |           |           |
| 14:30 |           |           |           |           |           |           |
| 14:35 |           |           |           |           |           |           |
| 14:40 |           |           |           |           |           |           |
| 14:45 |           |           |           |           |           |           |
| 14:50 |           |           |           |           |           |           |
| 14:55 |           |           |           |           |           |           |
| 15:00 |           |           |           |           |           |           |
| 15:05 |           |           |           |           |           |           |
| 15:10 |           |           |           |           |           |           |
| 15:15 |           |           |           |           |           |           |
| 15:20 |           |           |           |           |           |           |
| 15:25 |           |           |           |           |           |           |
| 15:30 |           |           |           |           |           |           |
| 15:35 |           |           |           |           |           |           |
| 15:40 |           |           |           |           |           |           |
| 15:45 |           |           |           |           |           |           |
| 15:50 |           |           |           |           |           |           |
| 15:55 |           |           |           |           |           |           |
| 16:00 |           |           |           |           |           |           |
| 16:05 |           |           |           |           |           |           |
| 16:10 |           |           |           |           |           |           |
| 16:15 |           |           |           |           |           |           |
| 16:20 |           |           |           |           |           |           |
| 16:25 |           |           |           |           |           |           |
| 16:30 |           |           |           |           |           |           |
| 16:35 |           |           |           |           |           |           |
| 16:40 |           |           |           |           |           |           |
| 16:45 |           |           |           |           |           |           |
| 16:50 |           |           |           |           |           |           |
| 16:55 |           |           |           |           |           |           |
| 17:00 |           |           |           |           |           |           |
| 17:05 |           |           |           |           |           |           |
| 17:10 |           |           |           |           |           |           |
| 17:15 |           |           |           |           |           |           |
| 17:20 |           |           |           |           |           |           |
| 17:25 |           |           |           |           |           |           |
| 17:30 |           |           |           |           |           |           |
| 17:35 |           |           |           |           |           |           |
| 17:40 |           |           |           |           |           |           |
| 17:45 |           |           |           |           |           |           |
| 17:50 |           |           |           |           |           |           |
| 17:55 |           |           |           |           |           |           |
| 18:00 |           |           |           |           |           |           |
| 18:05 |           |           |           |           |           |           |
| 18:10 |           |           |           |           |           |           |

|       | 39_WS340m | 40_WD340m | 41_WS360m | 42_WD360m | 43_WS380m | 44_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 18:15 |           |           |           |           |           |           |
| 18:20 |           |           |           |           |           |           |
| 18:25 |           |           |           |           |           |           |
| 18:30 |           |           |           |           |           |           |
| 18:35 |           |           |           |           |           |           |
| 18:40 |           |           |           |           |           |           |
| 18:45 |           |           |           |           |           |           |
| 18:50 |           |           |           |           |           |           |
| 18:55 |           |           |           |           |           |           |
| 19:00 |           |           |           |           |           |           |
| 19:05 |           |           |           |           |           |           |
| 19:10 |           |           |           |           |           |           |
| 19:15 |           |           |           |           |           |           |
| 19:20 |           |           |           |           |           |           |
| 19:25 |           |           |           |           | 3.1       | 246.2     |
| 19:30 |           |           |           |           |           |           |
| 19:35 |           |           |           |           |           |           |
| 19:40 |           |           |           |           | 3.3       | 238.7     |
| 19:45 |           |           |           |           |           |           |
| 19:50 |           |           |           |           |           |           |
| 19:55 |           |           |           |           |           |           |
| 20:00 |           |           |           |           |           |           |
| 20:05 |           |           |           |           | 3.3       | 223.7     |
| 20:10 |           |           |           |           |           |           |
| 20:15 |           |           |           |           |           |           |
| 20:20 |           |           |           |           |           |           |
| 20:25 |           |           |           |           |           |           |
| 20:30 |           |           |           |           |           |           |
| 20:35 |           |           |           |           |           |           |
| 20:40 |           |           |           |           |           |           |
| 20:45 |           |           |           |           |           |           |
| 20:50 |           |           |           |           |           |           |
| 20:55 |           |           |           |           |           |           |
| 21:00 |           |           |           |           |           |           |
| 21:05 |           |           |           |           | 3.6       | 234.1     |
| 21:10 |           |           |           |           |           |           |
| 21:15 |           |           |           |           |           |           |
| 21:20 |           |           |           |           | 4.2       | 210.3     |
| 21:25 |           |           |           |           |           |           |
| 21:30 |           |           |           |           |           |           |
| 21:35 |           |           |           |           |           |           |
| 21:40 |           |           |           |           | 4.3       | 250.6     |
| 21:45 |           |           |           |           |           |           |
| 21:50 |           |           |           |           |           |           |
| 21:55 |           |           |           |           |           |           |
| 22:00 |           |           |           |           |           |           |
| 22:05 |           |           |           |           |           |           |
| 22:10 |           |           |           |           |           |           |
| 22:15 |           |           |           |           |           |           |
| 22:20 |           |           |           |           |           |           |
| 22:25 |           |           |           |           |           |           |
| 22:30 |           |           |           |           | 3.3       | 258.1     |
| 22:35 |           |           |           |           |           |           |
| 22:40 |           |           |           |           |           |           |
| 22:45 |           |           |           |           |           |           |
| 22:50 |           |           |           |           |           |           |

|                 | 39_WS340m | 40_WD340m | 41_WS360m | 42_WD360m | 43_WS380m | 44_WD380m |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time            | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 22:55           |           |           |           |           |           |           |
| 23:00           |           |           |           |           |           |           |
| 23:05           |           |           |           |           |           |           |
| 23:10           |           |           |           |           |           |           |
| 23:15           |           |           |           |           |           |           |
| 23:20           |           |           |           |           | 5.5       | 231.8     |
| 23:25           |           |           |           |           |           |           |
| 23:30           |           |           |           |           |           |           |
| 23:35           |           |           |           |           |           |           |
| 23:40           |           |           |           |           |           |           |
| 23:45           |           |           |           |           |           |           |
| 23:50           |           |           |           |           |           |           |
| 23:55           |           |           |           |           | 3.1       | 247.2     |
| <b>Average</b>  | 5.6       | 241.7     |           |           | 2.6       | 237.9     |
| <b>Max</b>      | 6.8       | 244.9     |           |           | 5.5       | 264.9     |
| <b>Max Hour</b> | 09:50     | 09:50     |           |           | 23:20     | 06:05     |
| <b>Min</b>      | 4.3       | 238.5     |           |           | .9        | 210.3     |
| <b>Count</b>    | 2         | 2         | 0         | 0         | 17        | 17        |
| <b>Total</b>    |           |           |           |           |           |           |