

## Daily Summary Report

Site: Lidar "Q" (PAM35)

3/8/2022

Interval: 005m

|       | 03_TempC_002m | 04_BP_002m | 05_RH_002m | 06_WS040m | 07_WD040m | 08_VWS040m | 09_WS060m | 10_WD060m | 11_VWS060m |
|-------|---------------|------------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | DEGC          | INHG       | PERCENT    | M/SEC     | DEG       | M/SEC      | M/SEC     | DEG       | MPH        |
| 00:00 | 6.6           | 993.00     | 74.0       | 3.7       | 312.2     | -.01       | 4.8       | 312.8     | .15        |
| 00:05 | 6.6           | 993.00     | 74.0       | 3.7       | 306.9     | -.07       | 4.9       | 309.6     | -.07       |
| 00:10 | 6.5           | 993.00     | 75.0       | 3.9       | 316.4     | .02        | 4.8       | 312.2     | .03        |
| 00:15 | 6.5           | 993.00     | 75.0       | 3.5       | 317.9     | .04        | 4.4       | 315.9     | .04        |
| 00:20 | 6.4           | 993.00     | 75.0       | 2.6       | 323.0     | -.11       | 3.5       | 314.6     | -.17       |
| 00:25 | 6.4           | 993.00     | 75.0       | 2.3       | 307.8     | .08        | 3.0       | 308.6     | .13        |
| 00:30 | 6.3           | 993.00     | 75.0       | 2.9       | 325.0     | .14        | 3.5       | 320.9     | .15        |
| 00:35 | 6.3           | 993.00     | 75.0       | 3.0       | 310.6     | .10        | 3.3       | 318.4     | -.01       |
| 00:40 | 6.3           | 993.00     | 75.0       | 2.6       | 321.4     | .02        | 3.3       | 326.9     | .05        |
| 00:45 | 6.3           | 993.00     | 75.0       | 2.1       | 316.1     | .18        | 2.4       | 312.2     | .15        |
| 00:50 | 6.2           | 993.00     | 75.0       | 2.4       | 322.2     | .42        | 2.7       | 320.9     | .43        |
| 00:55 | 6.2           | 993.00     | 75.0       | 2.1       | 327.0     | .08        | 2.8       | 331.5     | .08        |
| 01:00 | 6.2           | 993.00     | 75.0       | 2.6       | 328.9     | .15        | 3.2       | 328.1     | .10        |
| 01:05 | 6.2           | 993.00     | 75.0       | 1.4       | 328.0     | -.31       | 2.2       | 325.3     | -.30       |
| 01:10 | 6.1           | 993.00     | 75.0       | 1.8       | 327.7     | -.29       | 2.0       | 320.0     | -.28       |
| 01:15 | 6.1           | 993.00     | 75.0       | 2.3       | 346.3     | .19        | 2.9       | 341.6     | .12        |
| 01:20 | 6.1           | 993.00     | 76.0       | 1.8       | 332.5     | -.36       | 2.3       | 316.3     | -.27       |
| 01:25 | 6.1           | 993.00     | 76.0       | 1.8       | 345.6     | .06        | 2.3       | 337.6     | -.02       |
| 01:30 | 6.1           | 993.00     | 76.0       | 1.6       | 319.2     | -.10       | 2.0       | 322.1     | -.11       |
| 01:35 | 6.1           | 993.00     | 76.0       | 2.2       | 326.3     | .18        | 2.3       | 328.5     | .13        |
| 01:40 |               |            |            |           |           |            |           |           |            |
| 01:45 | 6.1           | 993.00     | 76.0       | 1.9       | 298.2     | .00        | 2.2       | 309.2     | -.04       |
| 01:50 | 6.0           | 994.00     | 76.0       | 2.3       | 304.5     | .12        | 2.6       | 312.4     | .04        |
| 01:55 | 6.0           | 994.00     | 76.0       | 2.4       | 307.3     | .17        | 2.7       | 315.4     | .17        |
| 02:00 | 6.0           | 994.00     | 76.0       | 1.6       | 313.0     | .09        | 2.0       | 316.6     | .01        |
| 02:05 | 6.0           | 994.00     | 76.0       | 1.9       | 319.0     | -.03       | 2.1       | 325.4     | -.08       |
| 02:10 | 5.9           | 993.00     | 77.0       | 1.8       | 301.2     | -.04       | 1.7       | 308.2     | .02        |
| 02:15 | 5.9           | 993.00     | 77.0       | 1.7       | 307.3     | -.07       | 2.0       | 317.1     | -.03       |
| 02:20 | 5.9           | 994.00     | 77.0       | 1.5       | 326.1     | -.11       | 2.0       | 326.0     | -.15       |
| 02:25 | 5.9           | 994.00     | 77.0       | 1.8       | 341.2     | .09        | 2.0       | 336.6     | .08        |
| 02:30 | 5.9           | 994.00     | 77.0       | 1.6       | 336.3     | .07        | 1.9       | 333.9     | .06        |
| 02:35 | 5.9           | 994.00     | 77.0       | 2.1       | 326.2     | .15        | 2.5       | 328.8     | .17        |
| 02:40 | 5.9           | 994.00     | 77.0       | 1.8       | 327.2     | -.15       | 2.3       | 329.0     | -.14       |
| 02:45 | 5.9           | 994.00     | 77.0       | 2.2       | 322.4     | -.01       | 2.4       | 330.1     | -.11       |
| 02:50 | 5.9           | 994.00     | 76.0       | 1.7       | 337.6     | -.03       | 1.8       | 331.2     | .01        |
| 02:55 | 5.9           | 994.00     | 76.0       | 2.0       | 358.7     | .01        | 2.4       | 351.1     | .24        |
| 03:00 | 5.9           | 994.00     | 77.0       | 1.6       | 337.5     | -.07       | 2.3       | 337.9     | -.02       |
| 03:05 | 5.9           | 994.00     | 77.0       | 1.5       | 334.4     | -.08       | 2.3       | 335.5     | -.08       |
| 03:10 | 6.0           | 994.00     | 76.0       | 1.3       | 341.7     | -.19       | 2.4       | 344.5     | -.10       |
| 03:15 | 6.0           | 994.00     | 76.0       | 3.2       | 346.6     | -.08       | 3.3       | 348.2     | .02        |
| 03:20 | 6.0           | 994.00     | 76.0       | 2.1       | 336.5     | -.24       | 2.7       | 335.4     | -.13       |
| 03:25 | 6.0           | 994.00     | 76.0       | 2.6       | 350.5     | -.05       | 2.8       | 344.6     | .01        |
| 03:30 | 5.9           | 994.00     | 75.0       |           |           | -.13       | 2.6       | 323.0     | -.12       |
| 03:35 | 5.9           | 994.00     | 75.0       | 1.4       | 336.8     | .15        | 2.7       | 336.3     | .09        |
| 03:40 | 5.9           | 994.00     | 75.0       |           |           | -.06       | 2.9       | 331.5     | .00        |
| 03:45 | 5.9           | 994.00     | 75.0       |           |           | -.13       | 3.2       | 354.5     | -.08       |
| 03:50 | 5.9           | 994.00     | 75.0       |           |           | .05        |           |           | .00        |
| 03:55 | 5.9           | 994.00     | 75.0       |           |           | .03        | 3.2       | 333.6     | .10        |
| 04:00 | 5.9           | 994.00     | 75.0       |           |           | -.09       | 2.5       | 347.2     | -.17       |
| 04:05 | 5.9           | 994.00     | 75.0       |           |           | -.19       | 2.7       | 344.8     | -.19       |
| 04:10 | 5.9           | 994.00     | 76.0       |           |           | -.16       |           |           | -.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        |
| 04:15 | 5.9           | 994.00     | 76.0       |           |           | -01        |           |           | .02        |
| 04:20 | 5.8           | 994.00     | 75.0       |           |           | -03        | 2.6       | 350.6     | -13        |
| 04:25 | 5.8           | 994.00     | 75.0       | 2.1       | 15.2      | -31        | 2.0       | 19.2      | -32        |
| 04:30 | 5.8           | 994.00     | 77.0       | 1.8       | 32.4      | -39        | 2.2       | 34.2      | -50        |
| 04:35 | 5.8           | 994.00     | 77.0       | 2.7       | 42.3      | -68        | 3.0       | 42.1      | -63        |
| 04:40 | 5.9           | 994.00     | 77.0       | 1.8       | 15.7      | -73        | 2.0       | 7.3       | -84        |
| 04:45 | 5.9           | 994.00     | 77.0       |           |           | -16        | 3.5       | 19.8      | -06        |
| 04:50 | 5.9           | 994.00     | 76.0       |           |           | -08        | 3.3       | 18.3      | -11        |
| 04:55 | 5.9           | 994.00     | 76.0       | 2.2       | 41.1      | -42        | 2.6       | 43.0      | -39        |
| 05:00 | 5.7           | 994.00     | 75.0       | 2.6       | 43.6      | -12        | 3.4       | 44.7      | -10        |
| 05:05 | 5.7           | 994.00     | 75.0       | 2.5       | 48.6      | -14        | 3.1       | 49.6      | -14        |
| 05:10 | 5.5           | 994.00     | 74.0       | 2.8       | 39.1      | -36        | 3.1       | 36.9      | -39        |
| 05:15 | 5.5           | 994.00     | 74.0       | 3.3       | 33.3      | -07        | 3.6       | 31.9      | .00        |
| 05:20 | 5.5           | 994.00     | 74.0       |           |           | -04        | 4.4       | 46.9      | -05        |
| 05:25 | 5.5           | 994.00     | 74.0       | 4.4       | 39.0      | -14        | 3.8       | 31.5      | -17        |
| 05:30 | 5.5           | 994.00     | 74.0       | 3.2       | 31.6      | -25        | 4.1       | 29.3      | -07        |
| 05:35 | 5.5           | 994.00     | 74.0       |           |           | -36        | 4.8       | 35.3      | -31        |
| 05:40 | 5.4           | 994.00     | 73.0       |           |           | -14        | 4.9       | 42.1      | -08        |
| 05:45 | 5.4           | 994.00     | 73.0       | 3.2       | 36.5      | -37        | 3.4       | 35.2      | -32        |
| 05:50 | 5.3           | 994.00     | 73.0       | 4.5       | 33.9      | -07        | 4.5       | 35.6      | -04        |
| 05:55 | 5.3           | 994.00     | 73.0       | 4.4       | 37.6      | -34        | 3.7       | 30.1      | -26        |
| 06:00 | 5.4           | 994.00     | 74.0       | 4.2       | 20.8      | -45        | 4.0       | 24.8      | -36        |
| 06:05 | 5.4           | 994.00     | 74.0       | 3.6       | 32.9      | -40        | 4.0       | 34.8      | -30        |
| 06:10 | 5.4           | 994.00     | 74.0       | 2.7       | 44.0      | -26        | 3.6       | 39.3      | -21        |
| 06:15 | 5.4           | 994.00     | 74.0       |           |           | -08        | 3.5       | 23.4      | -16        |
| 06:20 | 5.3           | 994.00     | 73.0       |           |           | -33        | 3.4       | 34.3      | -25        |
| 06:25 | 5.3           | 994.00     | 73.0       | 2.7       | 10.6      | -12        | 3.4       | 18.4      | -14        |
| 06:30 | 5.3           | 994.00     | 73.0       | 3.2       | 20.9      | -17        | 3.7       | 20.1      | -06        |
| 06:35 | 5.3           | 994.00     | 73.0       |           |           | -29        | 3.1       | 20.3      | -19        |
| 06:40 | 5.3           | 994.00     | 73.0       | 3.1       | 32.0      | -36        | 2.8       | 29.6      | -29        |
| 06:45 | 5.3           | 994.00     | 73.0       |           |           | -17        | 3.1       | 29.3      | -09        |
| 06:50 | 5.2           | 994.00     | 72.0       |           |           | -22        | 3.2       | 18.0      | -10        |
| 06:55 | 5.2           | 994.00     | 72.0       |           |           | -22        | 3.1       | 30.0      | -14        |
| 07:00 | 5.2           | 994.00     | 72.0       |           |           | -03        | 2.6       | 34.8      | -16        |
| 07:05 | 5.2           | 994.00     | 72.0       |           |           | -56        | 1.8       | 26.9      | -55        |
| 07:10 | 5.2           | 994.00     | 72.0       |           |           | -33        | 1.8       | 44.6      | -38        |
| 07:15 | 5.2           | 994.00     | 72.0       |           |           | -28        | 2.0       | 31.0      | -25        |
| 07:20 | 5.2           | 994.00     | 72.0       |           |           | -15        | 2.1       | 6.7       | -12        |
| 07:25 | 5.2           | 994.00     | 72.0       | 1.9       | 38.3      | -04        | 2.3       | 22.2      | -06        |
| 07:30 | 5.2           | 994.00     | 72.0       |           |           | -44        | 1.7       | 8.5       | -50        |
| 07:35 | 5.2           | 994.00     | 72.0       |           |           | -31        | 2.2       | 41.9      | -14        |
| 07:40 | 5.2           | 994.00     | 70.0       |           |           | .03        | 2.2       | 38.2      | .08        |
| 07:45 | 5.2           | 994.00     | 70.0       |           |           | -04        | 1.7       | 41.1      | .04        |
| 07:50 | 5.2           | 995.00     | 70.0       | 1.5       | 66.2      | .08        | 2.0       | 61.9      | .13        |
| 07:55 | 5.2           | 995.00     | 70.0       |           |           | -14        | 2.5       | 46.1      | -19        |
| 08:00 | 5.3           | 995.00     | 71.0       |           |           | .10        | 2.5       | 37.2      | .12        |
| 08:05 | 5.3           | 995.00     | 71.0       |           |           | -35        | 1.9       | 8.4       | -27        |
| 08:10 | 5.4           | 995.00     | 72.0       |           |           | -62        |           |           | -52        |
| 08:15 | 5.4           | 995.00     | 72.0       |           |           | -29        |           |           | -38        |
| 08:20 | 5.5           | 995.00     | 71.0       |           |           | -10        |           |           | -08        |
| 08:25 | 5.5           | 995.00     | 71.0       |           |           | -51        |           |           | -66        |
| 08:30 | 5.5           | 995.00     | 71.0       |           |           | .18        | 1.1       | 87.6      | .24        |
| 08:35 | 5.5           | 995.00     | 71.0       | 2.5       | 84.8      | .02        | 1.6       | 82.0      | -07        |
| 08:40 | 5.7           | 995.00     | 70.0       | 2.1       | 51.9      | .01        | 2.2       | 53.6      | .17        |
| 08:45 | 5.7           | 995.00     | 70.0       |           |           | -18        | 2.4       | 61.5      | .04        |
| 08:50 | 5.6           | 995.00     | 70.0       |           |           | .08        |           |           | .18        |

|       | 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 | 5.6           | 995.00     | 70.0       |           |           | .01        | 1.8       | 51.2      | -.14       |
| 09:00 | 5.9           | 995.00     | 70.0       | 1.7       | 1.6       | -.42       | 1.9       | 8.5       | -.54       |
| 09:05 | 5.9           | 995.00     | 70.0       |           |           | .10        | 2.4       | 19.7      | .06        |
| 09:10 | 6.2           | 995.00     | 69.0       |           |           | -.40       | 2.2       | 32.9      | -.29       |
| 09:15 | 6.2           | 995.00     | 69.0       |           |           | .04        | 2.5       | 24.4      | .04        |
| 09:20 | 6.4           | 995.00     | 68.0       | 2.8       | 8.0       | -.21       | 2.3       | 18.1      | -.22       |
| 09:25 | 6.4           | 995.00     | 68.0       | 2.3       | 359.2     | -.42       | 2.7       | 359.7     | -.34       |
| 09:30 | 6.8           | 995.00     | 68.0       |           |           | -.24       | 3.4       | 25.9      | -.17       |
| 09:35 | 6.8           | 995.00     | 68.0       | 4.8       | 21.2      | -.39       | 4.7       | 25.6      | -.36       |
| 09:40 | 7.1           | 995.00     | 67.0       | 4.7       | 35.3      | -.14       | 5.3       | 34.2      | -.07       |
| 09:45 | 7.1           | 995.00     | 67.0       | 4.7       | 31.1      | -.02       | 5.0       | 39.1      | .10        |
| 09:50 | 7.6           | 995.00     | 64.0       |           |           | -.62       | 3.2       | 36.4      | -.65       |
| 09:55 | 7.6           | 995.00     | 64.0       |           |           | -.36       | 4.2       | 21.5      | -.29       |
| 10:00 | 8.3           | 994.00     | 63.0       | 3.9       | 22.8      | -.17       | 4.0       | 29.6      | -.14       |
| 10:05 | 8.3           | 994.00     | 63.0       | 2.9       | 24.0      | -.32       | 4.3       | 29.8      | -.28       |
| 10:10 | 8.5           | 994.00     | 60.0       |           |           | -.38       |           |           | -.30       |
| 10:15 | 8.5           | 994.00     | 60.0       |           |           | -.24       |           |           | -.25       |
| 10:20 | 8.8           | 994.00     | 58.0       |           |           | -.35       | 5.6       | 43.6      | .06        |
| 10:25 | 8.8           | 994.00     | 58.0       |           |           | .13        | 4.0       | 48.1      | .08        |
| 10:30 | 8.9           | 994.00     | 57.0       | 2.6       | 49.6      | -.64       | 3.2       | 52.6      | -.74       |
| 10:35 | 8.9           | 994.00     | 57.0       |           |           | .56        | 4.2       | 57.5      | .61        |
| 10:40 | 8.9           | 994.00     | 57.0       |           |           | -.09       |           |           | -.17       |
| 10:45 | 8.9           | 994.00     | 57.0       |           |           | -.47       | 3.9       | 20.3      | -.58       |
| 10:50 | 9.3           | 994.00     | 58.0       |           |           | -.42       |           |           | -.57       |
| 10:55 | 9.3           | 994.00     | 58.0       |           |           | -.27       |           |           | -.17       |
| 11:00 | 9.3           | 994.00     | 57.0       |           |           | -.24       | 4.8       | 48.7      | -.41       |
| 11:05 | 9.3           | 994.00     | 57.0       |           |           | -.34       | 5.1       | 53.9      | -.41       |
| 11:10 | 9.8           | 994.00     | 57.0       |           |           | -.53       | 3.9       | 47.9      | -.53       |
| 11:15 | 9.8           | 994.00     | 57.0       | 2.2       | 31.2      | .19        | 2.7       | 35.3      | .43        |
| 11:20 | 9.8           | 994.00     | 56.0       |           |           | .02        | 3.6       | 14.8      | .05        |
| 11:25 | 9.8           | 994.00     | 56.0       | 3.1       | 37.9      | -.04       | 4.0       | 45.6      | .10        |
| 11:30 | 10.0          | 994.00     | 56.0       |           |           | .00        | 2.4       | 65.9      | .12        |
| 11:35 | 10.0          | 994.00     | 56.0       | 3.1       | 43.6      | -.24       | 3.4       | 41.6      | -.33       |
| 11:40 | 10.4          | 993.00     | 56.0       | 5.9       | 54.5      | .08        | 4.1       | 43.3      | .17        |
| 11:45 | 10.4          | 993.00     | 56.0       | 5.1       | 38.0      | -.20       | 4.3       | 43.8      | .01        |
| 11:50 | 10.4          | 993.00     | 56.0       |           |           | .16        | 5.2       | 47.2      | .09        |
| 11:55 | 10.4          | 993.00     | 56.0       | 3.8       | 40.1      | -.21       | 3.8       | 28.3      | -.06       |
| 12:00 | 10.5          | 993.00     | 55.0       | 2.8       | 33.0      | -.06       | 3.1       | 25.2      | .05        |
| 12:05 | 10.5          | 993.00     | 55.0       | 2.0       | 27.9      | .08        | 2.5       | 22.4      | .04        |
| 12:10 | 11.1          | 993.00     | 55.0       | 3.5       | 33.0      | -.96       | 4.3       | 38.3      | -1.10      |
| 12:15 | 11.1          | 993.00     | 55.0       | 3.1       | 18.9      | .13        | 3.3       | 22.8      | .34        |
| 12:20 | 11.4          | 993.00     | 52.0       | 2.2       | 9.8       | -.18       | 2.9       | 24.5      | -.24       |
| 12:25 | 11.4          | 993.00     | 52.0       | 3.6       | 22.9      | .04        | 4.4       | 32.5      | .11        |
| 12:30 | 11.6          | 992.00     | 53.0       | 2.8       | 9.7       | -.24       | 2.6       | 18.3      | -.19       |
| 12:35 | 11.6          | 992.00     | 53.0       | 4.0       | 48.0      | -.55       | 3.5       | 48.0      | -.59       |
| 12:40 | 11.7          | 992.00     | 53.0       | 2.7       | 31.0      | -.58       | 3.8       | 32.1      | -.57       |
| 12:45 | 11.7          | 992.00     | 53.0       | 4.0       | 60.6      | .42        | 3.7       | 58.2      | .67        |
| 12:50 | 11.9          | 992.00     | 52.0       | 2.1       | 8.5       | .21        | 2.4       | 26.9      | .17        |
| 12:55 | 11.9          | 992.00     | 52.0       | 2.4       | 16.0      | -.31       | 2.3       | 5.1       | -.38       |
| 13:00 | 12.4          | 992.00     | 51.0       | 2.2       | 350.3     | -.37       | 2.9       | 12.1      | -.46       |
| 13:05 | 12.4          | 992.00     | 51.0       |           |           | -.23       | 3.2       | 20.7      | -.10       |
| 13:10 | 12.5          | 991.00     | 51.0       |           |           | -.09       | 2.5       | 65.4      | -.04       |
| 13:15 | 12.5          | 991.00     | 51.0       | 2.5       | 65.1      | -.03       | 2.7       | 56.8      | .06        |
| 13:20 | 12.3          | 991.00     | 51.0       | 1.8       | 24.5      | .02        | 2.6       | 24.3      | .09        |
| 13:25 | 12.3          | 991.00     | 51.0       | 4.5       | 26.8      | -.23       | 4.3       | 17.2      | -.17       |
| 13:30 | 12.8          | 991.00     | 51.0       | 2.8       | 357.9     | -.11       | 3.3       | 351.5     | -.06       |

|       | 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 | 12.8          | 991.00     | 51.0       | 4.0       | 356.9     | -.37       | 4.4       | 9.7       | -.33       |
| 13:40 | 12.6          | 991.00     | 51.0       | 4.4       | 21.1      | -.06       | 5.1       | 29.6      | .10        |
| 13:45 | 12.6          | 991.00     | 51.0       |           |           | .10        | 3.5       | 28.0      | .32        |
| 13:50 | 12.7          | 990.00     | 51.0       | 2.9       | 11.7      | -.15       | 3.5       | 19.9      | -.18       |
| 13:55 | 12.7          | 990.00     | 51.0       |           |           | -.11       | 4.7       | 18.7      | .06        |
| 14:00 | 12.8          | 990.00     | 50.0       | 3.5       | 10.3      | -.20       | 3.6       | 14.2      | -.15       |
| 14:05 | 12.8          | 990.00     | 50.0       | 3.6       | 28.9      | -.49       | 3.6       | 24.6      | -.41       |
| 14:10 | 12.8          | 990.00     | 51.0       | 3.1       | 38.8      | -.16       | 3.3       | 37.4      | -.16       |
| 14:15 | 12.8          | 990.00     | 51.0       | 4.1       | 44.8      | -.06       | 3.7       | 44.6      | -.12       |
| 14:20 | 12.9          | 989.00     | 50.0       | 3.4       | 8.9       | .01        | 3.4       | 10.2      | .22        |
| 14:25 | 12.9          | 989.00     | 50.0       | 2.5       | 46.6      | -.34       | 2.5       | 49.5      | -.27       |
| 14:30 | 12.6          | 989.00     | 51.0       | 3.5       | 22.3      | -.16       | 3.7       | 18.5      | -.10       |
| 14:35 | 12.6          | 989.00     | 51.0       | 3.5       | 33.0      | -.60       | 3.9       | 35.5      | -.50       |
| 14:40 | 13.3          | 989.00     | 50.0       | 3.3       | 16.0      | -.01       | 3.5       | 25.0      | .02        |
| 14:45 | 13.3          | 989.00     | 50.0       | 3.5       | 350.1     | .07        | 2.9       | 2.2       | .09        |
| 14:50 | 13.1          | 989.00     | 48.0       | 3.2       | 15.5      | -.43       | 3.6       | 9.1       | -.47       |
| 14:55 | 13.1          | 989.00     | 48.0       | 4.2       | 12.3      | -.35       | 4.1       | 15.4      | -.27       |
| 15:00 | 13.2          | 989.00     | 49.0       | 3.8       | 65.9      | .24        | 3.4       | 67.2      | .42        |
| 15:05 | 13.2          | 989.00     | 49.0       | 2.4       | 34.8      | -.04       | 2.3       | 39.4      | .10        |
| 15:10 | 13.1          | 989.00     | 49.0       | 2.5       | 23.3      | -.55       | 3.0       | 22.9      | -.52       |
| 15:15 | 13.1          | 989.00     | 49.0       | 2.8       | 18.0      | -.17       | 2.9       | 25.5      | -.10       |
| 15:20 | 13.2          | 989.00     | 50.0       | 2.8       | 39.5      | .07        | 3.1       | 45.1      | .19        |
| 15:25 | 13.2          | 989.00     | 50.0       | 3.5       | 24.9      | .04        | 3.3       | 20.5      | .12        |
| 15:30 | 13.1          | 989.00     | 50.0       | 1.7       | 357.4     | .12        | 1.8       | 349.2     | .29        |
| 15:35 | 13.1          | 989.00     | 50.0       | 1.5       | 327.9     | .24        | 1.4       | 3.3       | .22        |
| 15:40 | 12.9          | 988.00     | 49.0       | 1.2       | 336.4     | -.17       | .9        | 351.5     | -.18       |
| 15:45 | 12.9          | 988.00     | 49.0       | 1.5       | 70.8      | -.16       | 1.4       | 84.0      | -.14       |
| 15:50 | 13.1          | 988.00     | 50.0       | 1.3       | 58.7      | .34        | 1.8       | 80.1      | .34        |
| 15:55 | 13.1          | 988.00     | 50.0       | 1.6       | 33.2      | -.28       | 1.6       | 32.1      | -.28       |
| 16:00 | 13.2          | 988.00     | 49.0       | 1.9       | 25.0      | -.08       | 2.1       | 35.5      | -.04       |
| 16:05 | 13.2          | 988.00     | 49.0       | 1.5       | 50.1      | -.20       | 1.9       | 52.3      | -.03       |
| 16:10 | 13.2          | 988.00     | 49.0       | 2.1       | 36.8      | -.46       | 2.0       | 36.2      | -.55       |
| 16:15 | 13.2          | 988.00     | 49.0       | 2.0       | 61.8      | -.09       | 2.2       | 63.6      | .04        |
| 16:20 | 13.0          | 988.00     | 49.0       | 1.6       | 68.6      | .13        | 1.8       | 71.2      | .25        |
| 16:25 | 13.0          | 988.00     | 49.0       | 1.5       | 80.3      | .19        | 1.6       | 83.7      | .25        |
| 16:30 | 12.9          | 988.00     | 50.0       |           |           | -.18       | .9        | 21.2      | -.29       |
| 16:35 | 12.9          | 988.00     | 50.0       |           |           | -.08       | .7        | 121.7     | -.22       |
| 16:40 | 12.8          | 988.00     | 50.0       | .9        | 110.3     | .40        | 1.0       | 115.9     | .42        |
| 16:45 | 12.8          | 988.00     | 50.0       | 2.4       | 148.7     | -.11       | 1.8       | 166.4     | -.03       |
| 16:50 | 12.7          | 989.00     | 52.0       |           |           | -.01       | 2.4       | 166.2     | .00        |
| 16:55 | 12.7          | 989.00     | 52.0       | 1.2       | 182.9     | .01        | 2.0       | 174.3     | .09        |
| 17:00 | 12.6          | 989.00     | 54.0       |           |           | -.05       | 1.8       | 160.2     | .02        |
| 17:05 | 12.6          | 989.00     | 54.0       | 1.5       | 135.5     | .01        | 1.6       | 130.6     | -.03       |
| 17:10 | 12.6          | 988.00     | 54.0       | 1.5       | 158.5     | -.03       | 1.5       | 150.0     | -.06       |
| 17:15 | 12.6          | 988.00     | 54.0       | 1.3       | 136.1     | .09        | 1.3       | 131.2     | .12        |
| 17:20 | 12.7          | 988.00     | 53.0       | 2.1       | 127.5     | .11        | 2.0       | 136.9     | .14        |
| 17:25 | 12.7          | 988.00     | 53.0       | 1.4       | 135.2     | .15        | 1.1       | 133.1     | .22        |
| 17:30 | 12.8          | 988.00     | 52.0       |           |           | .16        | 1.7       | 109.1     | .22        |
| 17:35 | 12.8          | 988.00     | 52.0       | 1.3       | 115.2     | -.12       | 1.5       | 111.3     | -.19       |
| 17:40 | 12.8          | 988.00     | 52.0       | 1.3       | 106.3     | .23        | 1.5       | 113.4     | .18        |
| 17:45 | 12.8          | 988.00     | 52.0       | 1.0       | 97.7      | -.16       | .9        | 107.7     | -.27       |
| 17:50 | 12.8          | 988.00     | 52.0       |           |           | -.21       | 1.4       | 69.5      | -.21       |
| 17:55 | 12.8          | 988.00     | 52.0       |           |           | -.02       | 1.3       | 53.6      | -.05       |
| 18:00 | 12.6          | 987.00     | 53.0       | .7        | 64.1      | -.13       | 1.3       | 87.0      | -.12       |
| 18:05 | 12.6          | 987.00     | 53.0       | 1.7       | 63.0      | -.15       | 1.6       | 66.1      | -.06       |
| 18:10 | 12.4          | 987.00     | 54.0       | 1.3       | 45.4      | -.19       | 1.5       | 53.1      | -.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        |
| 18:15 | 12.4          | 987.00     | 54.0       |           |           | -.18       | 2.1       | 44.8      | -.13       |
| 18:20 | 12.4          | 987.00     | 56.0       | 2.0       | 52.2      | -.16       | 2.0       | 51.7      | -.15       |
| 18:25 | 12.4          | 987.00     | 56.0       | .8        | 43.3      | -.05       | 1.1       | 40.3      | -.03       |
| 18:30 | 12.1          | 987.00     | 57.0       | 1.0       | 63.0      | -.03       | .9        | 66.6      | -.03       |
| 18:35 | 12.1          | 987.00     | 57.0       | .9        | 145.3     | .04        | .8        | 134.2     | -.03       |
| 18:40 | 11.7          | 987.00     | 58.0       | 1.4       | 140.7     | -.05       | 1.3       | 133.3     | -.05       |
| 18:45 | 11.7          | 987.00     | 58.0       | 1.6       | 160.9     | .02        | 1.7       | 154.2     | -.02       |
| 18:50 | 11.6          | 987.00     | 60.0       | 1.9       | 157.1     | -.05       | 2.0       | 151.6     | -.01       |
| 18:55 | 11.6          | 987.00     | 60.0       | 1.5       | 119.9     | .19        | 1.9       | 128.7     | .33        |
| 19:00 | 11.6          | 987.00     | 61.0       | 1.0       | 140.6     | .24        | 2.2       | 132.4     | .21        |
| 19:05 | 11.6          | 987.00     | 61.0       | 1.8       | 135.2     | .06        | 2.0       | 140.1     | .05        |
| 19:10 | 11.5          | 987.00     | 60.0       | 1.3       | 146.1     | .07        | 1.8       | 149.6     | .01        |
| 19:15 | 11.5          | 987.00     | 60.0       | 1.3       | 118.4     | .01        | 1.3       | 134.8     | -.03       |
| 19:20 | 11.5          | 987.00     | 62.0       | 1.3       | 182.8     | .11        | 1.3       | 169.3     | .13        |
| 19:25 | 11.5          | 987.00     | 62.0       | 1.6       | 245.4     | .18        | 1.9       | 238.4     | .17        |
| 19:30 | 11.4          | 988.00     | 63.0       | 4.3       | 277.9     | .35        | 3.9       | 274.3     | .38        |
| 19:35 | 11.4          | 988.00     | 63.0       | 3.6       | 290.8     | 1.05       | 4.2       | 287.7     | 1.05       |
| 19:40 | 11.4          | 988.00     | 63.0       | 3.1       | 310.0     | .73        | 3.7       | 302.9     | .61        |
| 19:45 | 11.4          | 988.00     | 63.0       | 2.9       | 302.6     | .34        | 3.8       | 299.5     | .28        |
| 19:50 | 11.3          | 987.00     | 64.0       | 3.2       | 292.6     | .26        | 4.0       | 299.3     | .24        |
| 19:55 | 11.3          | 987.00     | 64.0       | 3.3       | 279.4     | .06        | 3.9       | 285.0     | .09        |
| 20:00 | 11.2          | 987.00     | 64.0       | 1.5       | 341.3     | -.16       | 2.0       | 333.2     | -.12       |
| 20:05 | 11.2          | 987.00     | 64.0       | 2.7       | 358.1     | -.12       | 3.1       | 348.5     | -.06       |
| 20:10 | 11.1          | 987.00     | 66.0       | 1.8       | 9.7       | -.05       | 2.6       | 2.7       | -.07       |
| 20:15 | 11.1          | 987.00     | 66.0       | 1.6       | 344.3     | -.22       | 2.2       | 346.3     | -.28       |
| 20:20 | 11.0          | 987.00     | 67.0       | .9        | 28.9      | -.09       | 1.4       | 13.1      | -.11       |
| 20:25 | 11.0          | 987.00     | 67.0       | .9        | 72.5      | .01        | 1.2       | 55.0      | -.05       |
| 20:30 | 10.8          | 987.00     | 68.0       | 1.3       | 15.9      | 1.12       | 1.6       | 9.5       | 1.25       |
| 20:35 | 10.8          | 987.00     | 68.0       | 1.2       | 7.6       | .69        | 1.8       | 6.0       | .72        |
| 20:40 | 10.6          | 987.00     | 71.0       | 1.2       | 319.7     | .02        | 1.4       | 336.0     | .01        |
| 20:45 | 10.6          | 987.00     | 71.0       | 3.1       | 224.2     | .75        | 2.7       | 229.4     | .70        |
| 20:50 | 10.2          | 988.00     | 77.0       | 3.6       | 220.9     | 1.66       | 4.1       | 227.1     | 1.44       |
| 20:55 | 10.2          | 988.00     | 77.0       | .8        | 32.3      | 1.58       | 1.8       | 251.6     | 1.63       |
| 21:00 | 10.2          | 988.00     | 77.0       |           |           | 2.81       |           |           | 2.59       |
| 21:05 | 10.2          | 988.00     | 77.0       | .8        | 320.0     | 2.94       | 1.1       | 317.9     | 2.74       |
| 21:10 | 9.8           | 987.00     | 79.0       | .6        | 28.2      | 2.75       | 1.0       | 314.5     | 2.89       |
| 21:15 | 9.8           | 987.00     | 79.0       | .9        | 45.1      | 3.32       | 1.1       | 31.5      | 3.28       |
| 21:20 | 9.3           | 987.00     | 85.0       | .5        | 157.9     | 1.78       | .5        | 358.3     | 1.77       |
| 21:25 | 9.3           | 987.00     | 85.0       | 1.4       | 199.8     | 1.07       | 1.2       | 204.6     | 1.09       |
| 21:30 | 8.9           | 987.00     | 90.0       | 2.1       | 193.1     | .91        | 2.2       | 199.7     | 1.10       |
| 21:35 | 8.9           | 987.00     | 90.0       | 3.0       | 208.6     | 2.99       | 3.5       | 224.8     | 3.20       |
| 21:40 | 8.9           | 988.00     | 92.0       | 3.2       | 217.1     | 3.16       | 4.3       | 231.7     | 3.29       |
| 21:45 | 8.9           | 988.00     | 92.0       | 2.4       | 235.7     | 2.84       | 3.5       | 240.8     | 2.92       |
| 21:50 | 8.7           | 989.00     | 92.0       | 1.6       | 231.1     | 2.83       | 2.0       | 238.4     | 2.93       |
| 21:55 | 8.7           | 989.00     | 92.0       | .8        | 271.4     | 2.97       | 1.1       | 277.2     | 3.05       |
| 22:00 | 8.4           | 989.00     | 90.0       | 2.1       | 254.8     | 3.21       | 2.6       | 262.5     | 3.29       |
| 22:05 | 8.4           | 989.00     | 90.0       | 1.9       | 260.4     | 2.83       | 2.4       | 269.1     | 2.96       |
| 22:10 | 8.3           | 989.00     | 92.0       | .9        | 113.9     | 3.06       | .9        | 338.2     | 3.35       |
| 22:15 | 8.3           | 989.00     | 92.0       | .7        | 233.5     | 2.91       | 1.0       | 282.5     | 2.91       |
| 22:20 | 8.1           | 989.00     | 93.0       | 1.8       | 299.3     | 2.57       | 1.8       | 300.6     | 2.58       |
| 22:25 | 8.1           | 989.00     | 93.0       | 1.9       | 326.4     | 2.98       | 2.2       | 328.8     | 2.99       |
| 22:30 | 8.0           | 988.00     | 93.0       | 2.6       | 10.7      | 3.37       | 2.9       | 2.4       | 3.40       |
| 22:35 | 8.0           | 988.00     | 93.0       | 1.4       | 52.9      | 3.33       | 1.7       | 35.5      | 3.32       |
| 22:40 | 8.0           | 988.00     | 93.0       | 2.2       | 96.9      | 2.79       | 2.4       | 89.8      | 2.88       |
| 22:45 | 8.0           | 988.00     | 93.0       | 1.9       | 81.9      | 2.72       | 2.3       | 79.4      | 2.86       |
| 22:50 | 7.8           | 988.00     | 94.0       | 2.3       | 104.0     | 2.58       | 2.8       | 97.5      | 2.69       |



## Daily Summary Report

Site: Lidar "Q" (PAM35)

3/8/2022

Interval: 005m

|       | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_VWS100m | 18_WS120m | 19_WD120m | 20_VWS120m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     | DEGC      | MPH        |
| 00:00 | 5.4       | 313.7     | .30        | 5.7       | 315.3     | .31        | 6.1       | 315.5     | .21        |
| 00:05 | 5.5       | 313.1     | .02        | 5.9       | 313.9     | .10        | 6.4       | 314.8     | .09        |
| 00:10 | 5.7       | 312.1     | .10        | 6.6       | 312.9     | .14        | 7.1       | 313.8     | .12        |
| 00:15 | 5.3       | 315.7     | .08        | 5.8       | 315.3     | .13        | 6.3       | 314.1     | .21        |
| 00:20 | 4.2       | 318.4     | -.11       | 4.8       | 320.5     | .03        | 5.3       | 320.9     | .04        |
| 00:25 | 3.8       | 312.8     | .09        | 4.3       | 316.0     | .07        | 4.9       | 317.7     | .02        |
| 00:30 | 4.0       | 321.3     | .05        | 4.5       | 318.5     | -.09       | 5.1       | 317.9     | -.10       |
| 00:35 | 4.2       | 317.3     | -.18       | 4.8       | 321.1     | -.24       | 5.1       | 321.7     | -.14       |
| 00:40 | 3.9       | 332.3     | -.01       | 4.2       | 330.6     | .06        | 4.4       | 329.6     | .05        |
| 00:45 | 2.7       | 316.7     | .00        | 3.0       | 316.6     | -.12       | 3.2       | 317.0     | -.13       |
| 00:50 | 3.1       | 321.6     | .33        | 3.3       | 325.5     | .21        | 3.7       | 328.4     | .04        |
| 00:55 | 3.2       | 327.9     | -.04       | 3.3       | 324.6     | -.01       | 3.6       | 324.1     | -.03       |
| 01:00 | 3.5       | 329.1     | -.01       | 4.0       | 328.8     | .00        | 4.6       | 324.9     | .01        |
| 01:05 | 3.1       | 316.8     | -.40       | 3.9       | 318.8     | -.27       | 4.8       | 321.1     | -.14       |
| 01:10 | 2.5       | 323.3     | -.22       | 3.2       | 324.9     | -.21       | 3.9       | 326.2     | -.22       |
| 01:15 | 3.5       | 335.7     | .11        | 3.9       | 330.6     | .08        | 4.4       | 330.0     | .04        |
| 01:20 | 3.0       | 322.3     | -.28       | 3.3       | 327.4     | -.19       | 3.7       | 329.0     | -.14       |
| 01:25 | 2.7       | 324.3     | .00        | 3.3       | 321.2     | -.02       | 3.7       | 320.6     | -.08       |
| 01:30 | 2.5       | 325.3     | -.11       | 2.9       | 330.0     | -.06       | 3.2       | 330.5     | -.01       |
| 01:35 | 2.6       | 324.7     | -.01       | 3.0       | 324.0     | -.08       | 3.3       | 324.8     | -.11       |
| 01:40 |           |           |            |           |           |            |           |           |            |
| 01:45 | 2.3       | 311.5     | -.02       | 2.6       | 312.9     | .01        | 3.1       | 315.2     | .04        |
| 01:50 | 3.0       | 316.6     | .00        | 3.4       | 319.5     | -.05       | 3.6       | 319.8     | -.05       |
| 01:55 | 2.8       | 315.7     | .23        | 3.0       | 318.5     | .24        | 3.1       | 320.8     | .12        |
| 02:00 | 2.4       | 321.7     | -.03       | 2.7       | 325.2     | .02        | 2.8       | 324.4     | .00        |
| 02:05 | 2.4       | 329.7     | -.05       | 2.8       | 328.8     | .03        | 2.8       | 325.9     | .03        |
| 02:10 | 2.0       | 315.6     | -.05       | 2.2       | 321.9     | -.07       | 2.1       | 329.2     | -.05       |
| 02:15 | 2.3       | 318.2     | -.05       | 2.7       | 317.1     | .04        | 3.0       | 319.4     | .13        |
| 02:20 | 2.4       | 333.7     | -.15       | 2.6       | 332.7     | -.08       | 2.9       | 331.6     | -.06       |
| 02:25 | 2.2       | 334.6     | .01        | 2.5       | 335.6     | .04        | 2.9       | 335.0     | .05        |
| 02:30 | 2.4       | 328.5     | .02        | 2.8       | 327.0     | -.03       | 3.2       | 327.6     | -.03       |
| 02:35 | 2.9       | 327.8     | .18        | 3.2       | 326.9     | .16        | 3.5       | 330.4     | .24        |
| 02:40 | 2.7       | 328.6     | -.12       | 2.9       | 330.0     | -.06       | 3.1       | 329.6     | .01        |
| 02:45 | 2.6       | 331.1     | -.10       | 2.6       | 332.2     | -.05       | 2.7       | 335.4     | .07        |
| 02:50 | 2.3       | 334.1     | .04        | 2.7       | 336.1     | .14        | 2.9       | 330.2     | .24        |
| 02:55 | 2.3       | 337.6     | .06        | 2.4       | 334.7     | -.07       | 2.8       | 335.0     | -.03       |
| 03:00 | 2.6       | 337.1     | .05        | 2.7       | 334.5     | .09        | 2.8       | 336.9     | .10        |
| 03:05 | 2.7       | 336.8     | .00        | 3.2       | 339.9     | .05        | 3.5       | 337.7     | .12        |
| 03:10 | 2.7       | 343.7     | -.10       | 3.3       | 342.2     | .02        | 3.6       | 340.4     | .09        |
| 03:15 | 3.3       | 343.6     | .16        | 3.3       | 342.2     | .26        | 3.2       | 341.9     | .24        |
| 03:20 | 3.2       | 338.6     | .01        | 3.6       | 339.7     | .19        | 3.7       | 337.1     | .28        |
| 03:25 | 2.9       | 341.9     | .09        | 2.9       | 337.6     | .19        | 3.0       | 336.5     | .16        |
| 03:30 | 3.0       | 324.4     | -.06       | 3.4       | 327.4     | .00        | 3.6       | 326.7     | .00        |
| 03:35 | 3.1       | 337.8     | .08        | 3.3       | 341.0     | .04        | 3.5       | 338.8     | .06        |
| 03:40 | 3.2       | 334.1     | .02        | 3.8       | 336.6     | .07        | 4.0       | 335.3     | .09        |
| 03:45 | 3.2       | 335.5     | -.13       | 3.7       | 334.8     | -.15       | 4.2       | 337.2     | -.04       |
| 03:50 | 4.1       | 337.4     | -.07       | 4.3       | 337.6     | -.04       | 4.6       | 336.7     | -.03       |
| 03:55 | 3.7       | 345.6     | -.01       | 4.0       | 343.7     | .00        | 4.3       | 343.0     | .01        |
| 04:00 | 3.4       | 340.0     | -.22       | 3.7       | 340.0     | -.24       | 3.9       | 341.0     | -.27       |
| 04:05 | 3.1       | 345.5     | -.17       | 3.7       | 346.5     | -.13       | 4.0       | 349.6     | -.14       |
| 04:10 | 2.5       | 352.1     | -.07       | 2.9       | 349.8     | -.20       | 3.1       | 351.8     | -.19       |

|       | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_VWS100m | 18_WS120m | 19_WD120m | 20_VWS120m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     | DEGC      | MPH        |
| 04:15 | 3.1       | 345.7     | -.08       | 3.3       | 343.7     | -.13       | 3.2       | 345.0     | -.18       |
| 04:20 | 2.7       | 346.7     | -.17       | 3.1       | 349.7     | -.14       | 3.2       | 348.7     | -.20       |
| 04:25 | 1.9       | 9.8       | -.27       | 2.3       | 3.7       | -.21       | 2.6       | 4.3       | -.18       |
| 04:30 | 2.2       | 33.1      | -.63       | 2.4       | 36.3      | -.63       | 2.7       | 36.4      | -.62       |
| 04:35 | 2.8       | 38.1      | -.45       | 2.7       | 37.6      | -.57       | 2.8       | 33.9      | -.70       |
| 04:40 | 2.3       | 13.7      | -.80       | 2.2       | 15.8      | -.68       | 2.3       | 16.4      | -.55       |
| 04:45 | 3.4       | 18.3      | .03        | 3.5       | 19.0      | .03        | 3.6       | 18.6      | .07        |
| 04:50 | 2.8       | 19.1      | -.10       | 2.8       | 19.8      | -.10       | 2.8       | 25.1      | -.16       |
| 04:55 | 2.9       | 43.6      | -.45       | 2.9       | 45.2      | -.38       | 3.2       | 44.4      | -.35       |
| 05:00 | 3.5       | 46.0      | -.03       | 3.5       | 48.2      | .01        | 3.5       | 49.5      | .04        |
| 05:05 | 3.0       | 52.2      | -.12       | 2.9       | 49.7      | -.17       | 3.0       | 45.2      | -.17       |
| 05:10 | 3.4       | 39.8      | -.34       | 3.4       | 36.9      | -.32       | 3.6       | 36.6      | -.25       |
| 05:15 | 3.9       | 32.8      | .13        | 4.0       | 29.5      | .10        | 4.2       | 28.9      | .06        |
| 05:20 | 3.8       | 38.1      | .02        | 3.9       | 36.4      | .05        | 4.0       | 35.6      | .02        |
| 05:25 | 4.3       | 31.5      | -.16       | 4.7       | 31.3      | -.04       | 4.9       | 30.9      | .07        |
| 05:30 | 4.4       | 32.0      | .03        | 4.6       | 31.0      | .13        | 4.8       | 29.2      | .15        |
| 05:35 | 5.0       | 36.9      | -.28       | 5.0       | 38.8      | -.14       | 5.2       | 37.8      | -.03       |
| 05:40 | 5.0       | 40.4      | .02        | 5.0       | 39.1      | .15        | 5.0       | 39.3      | .21        |
| 05:45 | 3.7       | 32.2      | -.32       | 3.9       | 28.9      | -.17       | 4.0       | 28.5      | -.14       |
| 05:50 | 4.4       | 36.8      | -.05       | 4.5       | 37.3      | -.04       | 4.5       | 39.4      | -.01       |
| 05:55 | 4.0       | 30.3      | -.22       | 4.3       | 31.5      | -.16       | 4.4       | 31.2      | -.09       |
| 06:00 | 4.3       | 23.3      | -.25       | 4.6       | 24.0      | -.11       | 4.9       | 20.5      | -.04       |
| 06:05 | 4.0       | 32.7      | -.26       | 4.2       | 32.2      | -.23       | 4.5       | 31.0      | -.10       |
| 06:10 | 3.8       | 34.9      | -.17       | 4.1       | 32.3      | -.10       | 4.3       | 30.7      | .01        |
| 06:15 | 3.7       | 26.0      | -.21       | 3.8       | 28.5      | -.10       | 4.0       | 27.2      | -.02       |
| 06:20 | 3.7       | 30.5      | -.03       | 3.8       | 28.5      | .00        | 4.0       | 27.7      | .05        |
| 06:25 | 3.7       | 21.9      | -.07       | 3.8       | 21.2      | .09        | 3.8       | 20.5      | .15        |
| 06:30 | 3.9       | 20.8      | -.05       | 3.9       | 19.1      | .01        | 4.0       | 19.4      | .04        |
| 06:35 | 3.3       | 25.5      | -.16       | 3.2       | 24.7      | -.06       | 3.4       | 21.8      | -.05       |
| 06:40 | 3.2       | 27.5      | -.18       | 3.5       | 28.4      | -.13       | 3.8       | 26.6      | -.07       |
| 06:45 | 3.0       | 27.5      | -.07       | 3.3       | 25.9      | -.04       | 3.5       | 25.5      | .05        |
| 06:50 | 3.2       | 23.6      | .04        | 3.5       | 24.9      | .15        | 3.6       | 27.1      | .24        |
| 06:55 | 3.2       | 24.6      | .01        | 3.1       | 26.1      | .10        | 3.2       | 26.9      | .11        |
| 07:00 | 2.4       | 35.4      | -.08       | 2.7       | 32.8      | -.15       | 2.8       | 30.2      | -.19       |
| 07:05 | 1.8       | 28.9      | -.54       | 2.0       | 27.8      | -.43       | 2.4       | 29.4      | -.33       |
| 07:10 | 1.9       | 53.0      | -.42       | 1.8       | 42.4      | -.35       | 2.0       | 48.7      | -.23       |
| 07:15 | 2.3       | 43.4      | -.18       | 2.2       | 41.9      | -.19       | 2.2       | 40.8      | -.13       |
| 07:20 | 2.3       | 14.0      | -.12       | 2.2       | 20.1      | -.08       | 2.2       | 24.8      | -.15       |
| 07:25 | 2.2       | 19.2      | -.09       | 2.4       | 17.4      | -.18       | 2.4       | 18.4      | -.14       |
| 07:30 | 2.1       | 15.9      | -.50       | 2.3       | 20.5      | -.44       | 2.4       | 23.7      | -.41       |
| 07:35 | 2.2       | 34.9      | -.13       | 2.0       | 35.5      | -.14       | 2.0       | 37.4      | -.07       |
| 07:40 | 2.2       | 31.7      | .17        | 2.1       | 32.6      | .14        | 2.2       | 35.4      | .16        |
| 07:45 | 1.7       | 42.1      | .00        | 1.6       | 42.6      | .01        | 1.5       | 39.4      | .07        |
| 07:50 | 2.3       | 63.5      | .10        | 2.5       | 60.0      | .12        | 2.5       | 56.2      | .15        |
| 07:55 | 2.1       | 50.9      | -.24       | 2.1       | 44.0      | -.19       | 2.2       | 42.5      | -.23       |
| 08:00 | 2.5       | 34.8      | .12        | 2.5       | 34.2      | .22        | 2.6       | 38.8      | .21        |
| 08:05 | 2.2       | 18.4      | -.26       | 2.2       | 15.1      | -.05       | 2.1       | 11.8      | .19        |
| 08:10 | 2.1       | 19.9      | -.56       | 2.0       | 31.8      | -.51       | 1.9       | 35.1      | -.59       |
| 08:15 | 2.4       | 49.8      | -.48       | 2.1       | 34.0      | -.53       | 2.0       | 31.5      | -.56       |
| 08:20 | 1.9       | 98.7      | -.20       | 1.5       | 100.9     | -.23       | 1.5       | 105.4     | -.25       |
| 08:25 | 2.1       | 97.4      | -.75       | 1.7       | 97.5      | -.78       | 1.7       | 93.9      | -.78       |
| 08:30 | 1.4       | 67.6      | .16        | 1.5       | 67.1      | .17        | 1.5       | 64.6      | .16        |
| 08:35 | 1.9       | 82.4      | -.07       | 2.0       | 85.1      | -.01       | 2.1       | 85.5      | .12        |
| 08:40 | 2.3       | 57.4      | .23        | 2.3       | 57.2      | .29        | 2.4       | 55.8      | .34        |
| 08:45 | 2.5       | 62.6      | .12        | 2.4       | 61.5      | .21        | 2.4       | 60.7      | .30        |
| 08:50 | 2.1       | 70.2      | .17        | 2.0       | 73.4      | .19        | 2.0       | 76.5      | .22        |



|       | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_VWS100m | 18_WS120m | 19_WD120m | 20_VWS120m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     | DEGC      | MPH        |
| 08:55 | 2.0       | 55.2      | -25        | 2.0       | 60.4      | -30        | 1.9       | 65.4      | -.38       |
| 09:00 | 1.9       | 14.6      | -72        | 1.9       | 18.2      | -72        | 1.9       | 12.8      | -.72       |
| 09:05 | 2.3       | 24.3      | .15        | 2.1       | 26.3      | .20        | 2.1       | 28.1      | .20        |
| 09:10 | 2.7       | 30.7      | -17        | 2.9       | 31.3      | -10        | 3.0       | 32.2      | .01        |
| 09:15 | 2.6       | 31.2      | .07        | 2.5       | 35.3      | .15        | 2.6       | 35.1      | .19        |
| 09:20 | 2.3       | 22.0      | -.10       | 2.4       | 16.7      | -.10       | 2.6       | 17.4      | -.05       |
| 09:25 | 2.9       | 2.0       | -.33       | 2.8       | 9.6       | -.37       | 2.8       | 14.4      | -.26       |
| 09:30 | 3.8       | 26.5      | -.08       | 4.0       | 24.1      | -.02       | 4.4       | 23.0      | .04        |
| 09:35 | 4.6       | 29.0      | -.18       | 4.8       | 32.3      | -.06       | 4.8       | 33.3      | .11        |
| 09:40 | 5.4       | 34.3      | .03        | 5.4       | 35.3      | .24        | 5.4       | 35.2      | .31        |
| 09:45 | 5.0       | 38.7      | .24        | 4.9       | 36.6      | .40        | 4.8       | 34.7      | .48        |
| 09:50 | 3.6       | 37.9      | -.63       | 3.8       | 39.9      | -.54       | 4.0       | 41.0      | -.45       |
| 09:55 | 4.3       | 26.3      | -.25       | 4.2       | 30.3      | -.16       | 4.5       | 33.7      | -.12       |
| 10:00 | 4.4       | 28.9      | -.13       | 4.5       | 30.4      | -.11       | 4.5       | 30.8      | -.14       |
| 10:05 | 4.5       | 28.3      | -.13       | 4.7       | 28.6      | -.09       | 4.5       | 27.4      | -.07       |
| 10:10 | 3.3       | 62.4      | -.28       | 4.0       | 62.6      | -.29       | 4.1       | 66.1      | -.33       |
| 10:15 | 3.6       | 34.5      | -.28       | 3.4       | 39.4      | -.22       | 3.4       | 41.2      | -.13       |
| 10:20 | 4.6       | 44.2      | .04        | 4.2       | 47.9      | .12        | 4.0       | 49.2      | .15        |
| 10:25 | 3.0       | 48.3      | .12        | 3.0       | 45.7      | .03        | 3.1       | 43.4      | .04        |
| 10:30 | 3.7       | 49.8      | -.62       | 3.7       | 54.7      | -.64       | 3.9       | 57.9      | -.56       |
| 10:35 | 4.6       | 59.7      | .64        | 4.4       | 58.6      | .73        | 4.3       | 60.1      | .73        |
| 10:40 | 4.0       | 44.2      | -.32       | 4.4       | 46.3      | -.16       | 4.3       | 49.6      | -.21       |
| 10:45 | 3.9       | 26.6      | -.62       | 3.9       | 29.0      | -.62       | 3.8       | 37.1      | -.60       |
| 10:50 | 3.3       | 62.4      | -.64       | 3.2       | 67.7      | -.56       | 3.3       | 76.7      | -.45       |
| 10:55 | 4.8       | 23.3      | -.30       | 4.7       | 27.1      | -.28       | 4.5       | 29.0      | -.36       |
| 11:00 | 4.3       | 43.2      | -.45       | 3.9       | 41.6      | -.37       | 4.0       | 39.9      | -.35       |
| 11:05 | 4.0       | 51.5      | -.36       | 4.1       | 50.8      | -.46       | 4.1       | 51.8      | -.50       |
| 11:10 | 4.1       | 51.3      | -.36       | 4.0       | 47.3      | -.22       | 4.1       | 44.4      | .00        |
| 11:15 | 3.0       | 38.0      | .48        | 3.1       | 41.0      | .53        | 3.1       | 43.0      | .66        |
| 11:20 | 4.3       | 24.6      | .22        | 4.6       | 27.9      | .29        | 4.5       | 33.9      | .21        |
| 11:25 | 3.9       | 51.9      | .27        | 4.2       | 56.9      | .38        | 4.2       | 60.3      | .41        |
| 11:30 | 2.6       | 68.3      | .11        | 2.6       | 75.6      | .06        | 2.7       | 80.4      | .18        |
| 11:35 | 3.2       | 39.7      | -.37       | 3.3       | 32.9      | -.43       | 3.5       | 32.8      | -.31       |
| 11:40 | 3.9       | 47.5      | .21        | 4.0       | 49.1      | .32        | 4.1       | 47.9      | .32        |
| 11:45 | 4.2       | 42.7      | .12        | 4.3       | 45.3      | .10        | 4.4       | 46.7      | .08        |
| 11:50 | 4.9       | 46.2      | .34        | 5.1       | 47.2      | .48        | 5.2       | 47.3      | .69        |
| 11:55 | 3.8       | 33.5      | .11        | 3.9       | 34.1      | .22        | 4.0       | 36.7      | .35        |
| 12:00 | 3.3       | 34.4      | .12        | 3.7       | 38.1      | .23        | 3.7       | 41.8      | .31        |
| 12:05 | 3.2       | 27.7      | .15        | 3.3       | 29.7      | .29        | 3.3       | 30.1      | .38        |
| 12:10 | 4.6       | 39.5      | -1.01      | 3.8       | 36.4      | -.90       | 3.6       | 45.5      | -.62       |
| 12:15 | 3.3       | 25.6      | .52        | 3.1       | 22.7      | .55        | 3.0       | 21.3      | .53        |
| 12:20 | 3.3       | 29.0      | -.29       | 3.4       | 29.0      | -.21       | 3.4       | 31.2      | -.15       |
| 12:25 | 4.4       | 37.9      | .15        | 4.3       | 41.5      | .14        | 4.3       | 43.7      | .18        |
| 12:30 | 3.0       | 19.4      | -.14       | 3.1       | 18.5      | -.20       | 3.3       | 19.2      | -.21       |
| 12:35 | 3.3       | 50.2      | -.49       | 3.3       | 46.7      | -.38       | 3.2       | 42.8      | -.44       |
| 12:40 | 4.2       | 35.0      | -.62       | 4.1       | 35.8      | -.67       | 4.0       | 39.0      | -.76       |
| 12:45 | 3.8       | 55.1      | .89        | 3.9       | 52.4      | 1.09       | 3.8       | 47.9      | 1.16       |
| 12:50 | 2.4       | 30.3      | .17        | 2.5       | 32.5      | .27        | 2.9       | 30.1      | .35        |
| 12:55 | 2.8       | 10.9      | -.38       | 3.3       | 9.3       | -.32       | 3.5       | 7.7       | -.14       |
| 13:00 | 3.1       | 18.3      | -.57       | 2.8       | 26.0      | -.65       | 2.9       | 31.2      | -.61       |
| 13:05 | 3.3       | 24.0      | -.03       | 3.4       | 19.7      | -.01       | 3.3       | 16.1      | -.09       |
| 13:10 | 3.0       | 68.1      | -.02       | 3.1       | 74.2      | -.04       | 3.3       | 74.4      | .02        |
| 13:15 | 3.0       | 61.0      | .11        | 2.9       | 58.3      | .28        | 2.8       | 60.8      | .38        |
| 13:20 | 2.7       | 24.2      | .23        | 2.8       | 26.1      | .31        | 2.9       | 23.5      | .47        |
| 13:25 | 4.2       | 15.6      | -.17       | 4.0       | 20.2      | -.25       | 3.9       | 20.9      | -.38       |
| 13:30 | 3.4       | 354.6     | .04        | 3.4       | 354.9     | .17        | 3.6       | 350.2     | .29        |

|       | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_VWS100m | 18_WS120m | 19_WD120m | 20_VWS120m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     | DEGC      | MPH        |
| 13:35 | 4.5       | 11.2      | -.38       | 4.6       | 13.3      | -.35       | 4.5       | 14.6      | -.35       |
| 13:40 | 5.1       | 30.5      | .16        | 5.0       | 34.6      | .04        | 5.0       | 36.7      | .01        |
| 13:45 | 3.6       | 34.5      | .41        | 3.6       | 38.3      | .52        | 3.4       | 43.6      | .56        |
| 13:50 | 3.7       | 22.0      | -.11       | 3.9       | 22.9      | .00        | 3.7       | 24.6      | .07        |
| 13:55 | 4.5       | 15.0      | .25        | 4.3       | 15.3      | .36        | 4.2       | 15.6      | .43        |
| 14:00 | 4.0       | 14.0      | -.01       | 4.2       | 12.8      | .14        | 4.3       | 13.4      | .17        |
| 14:05 | 3.5       | 24.3      | -.39       | 3.4       | 21.7      | -.49       | 3.5       | 19.2      | -.49       |
| 14:10 | 3.3       | 38.6      | -.12       | 3.4       | 37.4      | .01        | 3.3       | 38.9      | .10        |
| 14:15 | 3.6       | 43.8      | -.05       | 3.5       | 42.7      | .05        | 3.6       | 43.1      | .03        |
| 14:20 | 3.3       | 16.4      | .37        | 3.4       | 19.8      | .49        | 3.3       | 22.5      | .59        |
| 14:25 | 2.6       | 48.4      | -.20       | 2.7       | 46.6      | -.13       | 2.9       | 47.1      | -.10       |
| 14:30 | 3.6       | 20.5      | -.08       | 3.6       | 20.0      | -.16       | 3.6       | 18.1      | -.27       |
| 14:35 | 3.6       | 35.6      | -.50       | 3.5       | 42.4      | -.49       | 3.5       | 44.9      | -.42       |
| 14:40 | 3.7       | 29.0      | .11        | 3.7       | 30.6      | .26        | 3.4       | 34.0      | .23        |
| 14:45 | 2.6       | 7.0       | .12        | 2.4       | 7.5       | .03        | 2.2       | 6.9       | .08        |
| 14:50 | 3.3       | 11.0      | -.34       | 3.4       | 13.3      | -.19       | 3.3       | 18.3      | -.27       |
| 14:55 | 3.8       | 24.4      | -.33       | 3.8       | 31.2      | -.37       | 3.8       | 32.5      | -.35       |
| 15:00 | 3.4       | 68.2      | .66        | 3.5       | 67.1      | .83        | 3.7       | 63.3      | .96        |
| 15:05 | 2.2       | 42.5      | .13        | 2.1       | 43.1      | .28        | 2.1       | 42.8      | .45        |
| 15:10 | 3.2       | 27.1      | -.55       | 3.4       | 29.4      | -.45       | 3.5       | 29.9      | -.28       |
| 15:15 | 2.9       | 24.5      | -.03       | 3.0       | 24.0      | .09        | 3.2       | 26.5      | .17        |
| 15:20 | 3.0       | 45.0      | .30        | 3.0       | 41.9      | .41        | 3.1       | 40.1      | .62        |
| 15:25 | 3.2       | 14.8      | .13        | 3.1       | 14.5      | .17        | 2.9       | 18.9      | .30        |
| 15:30 | 1.9       | 3.6       | .61        | 2.1       | 18.9      | .86        | 2.3       | 23.3      | .97        |
| 15:35 | 1.5       | 21.3      | .39        | 1.6       | 36.3      | .62        | 1.6       | 44.0      | .71        |
| 15:40 | .9        | 353.7     | -.10       | .9        | 13.9      | -.01       | .8        | 18.7      | .00        |
| 15:45 | 1.5       | 81.6      | -.13       | 1.7       | 78.7      | -.12       | 1.8       | 81.2      | -.04       |
| 15:50 | 1.7       | 88.3      | .41        | 1.7       | 90.2      | .43        | 1.7       | 89.8      | .40        |
| 15:55 | 1.5       | 32.6      | -.26       | 1.5       | 37.6      | -.27       | 1.5       | 46.3      | -.16       |
| 16:00 | 2.2       | 41.7      | .02        | 2.1       | 39.7      | .09        | 2.2       | 37.8      | .10        |
| 16:05 | 2.1       | 56.5      | .15        | 2.1       | 61.7      | .30        | 2.2       | 63.9      | .43        |
| 16:10 | 2.0       | 37.9      | -.55       | 2.1       | 45.4      | -.49       | 2.0       | 47.1      | -.55       |
| 16:15 | 2.4       | 61.9      | .08        | 2.4       | 64.2      | .06        | 2.5       | 62.5      | -.01       |
| 16:20 | 2.2       | 68.9      | .23        | 2.4       | 65.7      | .32        | 2.5       | 64.3      | .40        |
| 16:25 | 1.8       | 80.3      | .30        | 1.8       | 78.4      | .39        | 1.8       | 77.6      | .47        |
| 16:30 | 1.0       | 357.8     | -.26       | .9        | 359.9     | -.13       | .9        | 23.3      | -.03       |
| 16:35 | .9        | 122.6     | -.27       | 1.2       | 125.5     | -.19       | 1.3       | 116.0     | -.14       |
| 16:40 | 1.2       | 104.5     | .43        | 1.2       | 92.4      | .45        | 1.1       | 90.7      | .40        |
| 16:45 | 2.1       | 161.2     | -.03       | 2.1       | 158.5     | .01        | 2.3       | 154.3     | -.01       |
| 16:50 | 2.2       | 171.7     | .00        | 2.2       | 168.7     | .07        | 2.3       | 166.2     | .12        |
| 16:55 | 2.1       | 172.2     | .14        | 2.0       | 171.9     | .21        | 2.1       | 172.5     | .24        |
| 17:00 | 1.8       | 157.0     | .04        | 1.8       | 158.1     | .09        | 1.8       | 156.8     | .13        |
| 17:05 | 1.7       | 140.0     | .02        | 1.9       | 141.8     | .06        | 1.9       | 139.4     | .07        |
| 17:10 | 1.6       | 139.6     | -.08       | 1.8       | 135.8     | -.03       | 2.0       | 133.2     | -.01       |
| 17:15 | 1.3       | 126.1     | .09        | 1.5       | 124.2     | .12        | 1.7       | 125.1     | .14        |
| 17:20 | 1.9       | 137.1     | .22        | 2.0       | 133.1     | .17        | 2.0       | 125.5     | .25        |
| 17:25 | 2.0       | 125.9     | .13        | 2.0       | 124.5     | .07        | 2.1       | 121.4     | .10        |
| 17:30 | 2.0       | 98.2      | .30        | 2.0       | 90.3      | .41        | 2.0       | 83.4      | .38        |
| 17:35 | 1.7       | 111.3     | -.10       | 1.9       | 114.4     | .08        | 2.1       | 114.3     | .06        |
| 17:40 | 1.7       | 114.0     | .01        | 2.0       | 117.4     | .01        | 2.1       | 118.3     | .07        |
| 17:45 | .8        | 115.9     | -.29       | .9        | 130.6     | -.18       | 1.1       | 128.8     | -.12       |
| 17:50 | 1.3       | 70.8      | -.16       | 1.3       | 73.5      | -.20       | 1.4       | 76.8      | -.22       |
| 17:55 | 1.0       | 53.7      | .03        | 1.1       | 65.7      | .10        | 1.2       | 73.0      | .16        |
| 18:00 | 1.3       | 80.2      | -.04       | 1.3       | 81.4      | -.13       | 1.5       | 84.7      | -.18       |
| 18:05 | 1.7       | 68.5      | -.07       | 1.8       | 65.8      | -.08       | 1.8       | 67.9      | -.11       |
| 18:10 | 1.8       | 60.1      | -.08       | 2.1       | 59.8      | -.03       | 2.1       | 60.8      | .03        |

|       | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_VWS100m | 18_WS120m | 19_WD120m | 20_VWS120m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     | DEGC      | MPH        |
| 18:15 | 2.1       | 49.5      | -.02       | 2.2       | 53.1      | .04        | 2.3       | 55.8      | .08        |
| 18:20 | 1.9       | 54.8      | -.22       | 2.0       | 56.3      | -.22       | 2.1       | 57.2      | -.14       |
| 18:25 | 1.3       | 45.7      | -.08       | 1.3       | 49.8      | -.12       | 1.4       | 49.4      | -.16       |
| 18:30 | .9        | 61.9      | .00        | 1.0       | 58.9      | -.06       | 1.2       | 60.3      | -.04       |
| 18:35 | .7        | 127.3     | -.06       | .7        | 115.9     | -.02       | .8        | 113.2     | -.02       |
| 18:40 | 1.2       | 127.9     | -.01       | 1.2       | 124.0     | -.01       | 1.4       | 121.2     | -.01       |
| 18:45 | 1.8       | 149.2     | -.03       | 1.9       | 145.7     | .00        | 2.0       | 141.6     | .01        |
| 18:50 | 2.1       | 145.9     | -.02       | 2.3       | 138.2     | -.01       | 2.3       | 134.0     | -.03       |
| 18:55 | 1.9       | 126.6     | .24        | 2.3       | 119.1     | .10        | 2.6       | 115.4     | .18        |
| 19:00 | 2.5       | 133.1     | .13        | 2.5       | 129.1     | .04        | 2.6       | 125.3     | .03        |
| 19:05 | 2.3       | 140.9     | .05        | 2.3       | 144.0     | .07        | 2.4       | 143.4     | .06        |
| 19:10 | 2.0       | 154.7     | .01        | 2.3       | 155.6     | .02        | 2.4       | 153.7     | .06        |
| 19:15 | 1.4       | 141.6     | -.05       | 1.6       | 146.2     | -.01       | 1.7       | 141.9     | -.01       |
| 19:20 | 1.3       | 171.9     | .13        | 1.5       | 167.1     | .15        | 1.6       | 157.7     | .16        |
| 19:25 | 1.8       | 234.0     | .11        | 1.8       | 224.7     | .19        | 1.7       | 217.5     | .19        |
| 19:30 | 3.6       | 271.3     | .36        | 3.3       | 268.9     | .40        | 2.9       | 268.3     | .42        |
| 19:35 | 4.3       | 287.5     | 1.04       | 4.1       | 285.5     | 1.05       | 3.9       | 285.1     | 1.04       |
| 19:40 | 4.0       | 299.0     | .61        | 4.1       | 297.9     | .63        | 3.9       | 298.5     | .61        |
| 19:45 | 4.1       | 298.5     | .23        | 4.0       | 299.2     | .27        | 4.1       | 299.3     | .28        |
| 19:50 | 4.3       | 298.7     | .21        | 4.5       | 296.5     | .23        | 4.6       | 295.1     | .20        |
| 19:55 | 4.3       | 289.3     | .16        | 4.5       | 292.9     | .16        | 4.6       | 294.5     | .11        |
| 20:00 | 3.1       | 325.4     | -.09       | 4.0       | 324.7     | .03        | 4.5       | 325.8     | .05        |
| 20:05 | 3.9       | 344.4     | -.05       | 4.5       | 344.5     | -.04       | 4.6       | 345.0     | -.02       |
| 20:10 | 3.2       | 356.3     | -.06       | 3.6       | 349.3     | -.02       | 4.0       | 346.0     | .03        |
| 20:15 | 2.8       | 341.6     | -.21       | 3.2       | 337.3     | -.18       | 3.6       | 334.2     | -.18       |
| 20:20 | 1.9       | 357.7     | -.12       | 2.4       | 350.7     | -.09       | 2.8       | 345.0     | -.12       |
| 20:25 | 1.4       | 38.5      | -.02       | 1.6       | 22.6      | .02        | 1.9       | 6.9       | .03        |
| 20:30 | 1.9       | 355.7     | 1.20       | 2.0       | 350.4     | 1.23       | 2.5       | 344.5     | 1.20       |
| 20:35 | 2.2       | 358.9     | .78        | 2.5       | 353.0     | .80        | 2.9       | 348.7     | .89        |
| 20:40 | 1.6       | 335.5     | .08        | 1.6       | 331.4     | .20        | 1.9       | 331.3     | .16        |
| 20:45 | 2.6       | 238.9     | .78        | 2.6       | 241.5     | .80        | 2.7       | 247.8     | .92        |
| 20:50 | 3.7       | 227.3     | 1.20       | 3.5       | 232.4     | 1.14       | 3.8       | 240.1     | 1.34       |
| 20:55 | 2.5       | 248.0     | 1.20       | 2.5       | 256.1     | 1.86       | 2.9       | 263.1     | 2.02       |
| 21:00 |           |           | 3.14       |           |           | 2.76       |           |           | 2.87       |
| 21:05 | 1.7       | 293.4     | 2.86       | 1.9       | 285.1     | 2.81       | 1.7       | 284.3     | 2.88       |
| 21:10 | 1.6       | 304.0     | 3.28       | 1.8       | 292.0     | 3.37       | 1.8       | 289.3     | 3.16       |
| 21:15 | 1.3       | 10.9      | 3.39       | 1.6       | 355.0     | 3.22       | 1.7       | 343.1     | 3.24       |
| 21:20 | 1.0       | 333.1     | 1.75       | 1.4       | 312.0     | 1.77       | 1.5       | 301.2     | 1.79       |
| 21:25 | 1.0       | 223.3     | .98        | 1.1       | 247.0     | 1.11       | 1.4       | 263.3     | 1.08       |
| 21:30 | 2.2       | 226.2     | 1.15       | 2.5       | 244.5     | 1.16       | 2.7       | 253.2     | 1.30       |
| 21:35 | 3.6       | 232.9     | 3.22       | 3.5       | 238.1     | 3.30       | 3.6       | 243.1     | 3.42       |
| 21:40 | 4.5       | 237.5     | 3.36       | 4.7       | 244.0     | 3.44       | 4.9       | 250.7     | 3.48       |
| 21:45 | 3.9       | 245.6     | 3.08       | 4.0       | 253.7     | 3.22       | 4.1       | 260.1     | 3.29       |
| 21:50 | 2.3       | 251.8     | 3.00       | 2.9       | 260.8     | 3.15       | 3.4       | 268.0     | 3.17       |
| 21:55 | 1.6       | 286.6     | 3.21       | 2.5       | 284.4     | 3.14       | 2.9       | 290.0     | 3.20       |
| 22:00 | 2.9       | 272.1     | 3.29       | 3.2       | 277.0     | 3.25       | 3.7       | 280.8     | 3.31       |
| 22:05 | 2.8       | 275.4     | 2.96       | 3.3       | 282.7     | 3.11       | 4.0       | 285.7     | 3.12       |
| 22:10 | 1.2       | 296.4     | 3.34       | 1.8       | 308.3     | 3.51       | 2.2       | 311.5     | 3.58       |
| 22:15 | 1.3       | 292.8     | 2.84       | 1.9       | 293.4     | 3.02       | 2.1       | 300.4     | 3.09       |
| 22:20 | 1.9       | 302.8     | 2.63       | 2.2       | 308.3     | 2.63       | 2.3       | 315.1     | 2.64       |
| 22:25 | 2.7       | 332.5     | 2.95       | 3.2       | 333.2     | 2.98       | 3.7       | 332.5     | 3.15       |
| 22:30 | 3.6       | 355.9     | 3.48       | 3.8       | 354.1     | 3.59       | 4.1       | 351.8     | 3.66       |
| 22:35 | 1.9       | 24.5      | 3.26       | 2.0       | 17.0      | 3.28       | 2.0       | 17.4      | 3.30       |
| 22:40 | 2.5       | 80.1      | 2.87       | 2.5       | 71.7      | 2.79       | 2.3       | 64.1      | 2.97       |
| 22:45 | 2.7       | 68.7      | 2.98       | 2.8       | 60.7      | 3.06       | 3.1       | 51.9      | 2.93       |
| 22:50 | 3.4       | 87.1      | 2.79       | 3.8       | 80.4      | 2.92       | 3.7       | 75.9      | 2.92       |



## Daily Summary Report

Site: Lidar "Q" (PAM35)

3/8/2022

Interval: 005m

|       | 21_WS140m | 22_WD140m | 23_VWS140m | 24_WS160m | 25_WD160m | 26_VWS160m | 27_WS180m | 28_WD180m | 29_VWS180m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | MPH        |
| 00:00 | 6.6       | 314.4     | .08        | 6.9       | 314.6     | .14        | 7.2       | 315.3     | .15        |
| 00:05 | 6.6       | 313.9     | .14        | 6.8       | 313.0     | .18        | 7.1       | 313.3     | .10        |
| 00:10 | 7.4       | 314.5     | .19        | 7.7       | 313.9     | .21        | 8.0       | 314.2     | .15        |
| 00:15 | 6.7       | 312.9     | .33        | 7.0       | 314.2     | .32        | 7.2       | 317.0     | .36        |
| 00:20 | 5.6       | 320.6     | -.06       | 6.1       | 320.8     | -.13       | 6.6       | 321.0     | -.16       |
| 00:25 | 5.3       | 319.1     | .00        | 5.8       | 319.6     | -.07       | 6.1       | 320.3     | -.17       |
| 00:30 | 5.6       | 318.0     | -.14       | 6.1       | 320.2     | -.17       | 6.6       | 320.9     | -.12       |
| 00:35 | 5.4       | 321.9     | -.11       | 5.8       | 321.7     | -.14       | 6.0       | 321.5     | -.20       |
| 00:40 | 4.7       | 328.8     | .08        | 5.0       | 326.4     | .06        | 5.2       | 324.5     | -.10       |
| 00:45 | 3.7       | 316.0     | -.14       | 4.1       | 319.3     | -.23       | 4.5       | 321.1     | -.23       |
| 00:50 | 4.2       | 325.8     | .02        | 4.7       | 325.4     | .02        | 5.0       | 325.9     | .00        |
| 00:55 | 4.0       | 323.4     | -.11       | 4.4       | 323.5     | -.14       | 5.1       | 324.1     | -.12       |
| 01:00 | 5.1       | 325.4     | -.04       | 5.5       | 327.6     | -.07       | 5.8       | 327.1     | -.05       |
| 01:05 | 5.4       | 321.3     | -.07       | 5.7       | 323.7     | -.13       | 6.0       | 325.6     | -.17       |
| 01:10 | 4.6       | 325.9     | -.19       | 5.0       | 326.2     | -.19       | 5.2       | 326.5     | -.26       |
| 01:15 | 4.7       | 330.4     | -.05       | 4.9       | 329.8     | -.06       | 5.4       | 329.6     | -.06       |
| 01:20 | 4.1       | 328.7     | -.13       | 4.5       | 328.5     | -.08       | 5.0       | 329.7     | -.01       |
| 01:25 | 4.1       | 323.1     | -.14       | 4.6       | 325.3     | -.15       | 5.1       | 327.6     | -.12       |
| 01:30 | 3.5       | 329.0     | -.11       | 3.9       | 328.6     | -.10       | 4.2       | 328.0     | -.15       |
| 01:35 | 3.8       | 326.7     | -.11       | 4.0       | 328.8     | -.11       | 4.4       | 329.2     | -.13       |
| 01:40 |           |           |            |           |           |            |           |           |            |
| 01:45 | 3.7       | 318.9     | .04        | 4.2       | 321.5     | .00        | 4.5       | 324.1     | -.04       |
| 01:50 | 3.7       | 321.4     | -.02       | 4.1       | 322.8     | .05        | 4.3       | 324.4     | .05        |
| 01:55 | 3.3       | 322.9     | .08        | 3.4       | 324.3     | .03        | 3.7       | 324.9     | -.08       |
| 02:00 | 3.0       | 324.3     | .04        | 3.3       | 323.1     | .05        | 3.7       | 323.7     | .07        |
| 02:05 | 2.8       | 320.9     | .00        | 2.7       | 318.9     | -.10       | 2.7       | 320.7     | -.12       |
| 02:10 | 2.4       | 327.4     | -.03       | 2.8       | 329.1     | .09        | 3.5       | 327.6     | .14        |
| 02:15 | 3.2       | 322.4     | .12        | 3.5       | 325.2     | .14        | 3.7       | 327.8     | .11        |
| 02:20 | 3.1       | 330.4     | .03        | 3.6       | 329.8     | .06        | 3.9       | 330.1     | .06        |
| 02:25 | 3.2       | 333.1     | .06        | 3.6       | 332.7     | .11        | 4.0       | 333.8     | .18        |
| 02:30 | 3.6       | 328.7     | .02        | 3.8       | 330.4     | .05        | 4.2       | 333.9     | .13        |
| 02:35 | 3.5       | 331.3     | .23        | 3.8       | 332.7     | .31        | 4.1       | 332.4     | .32        |
| 02:40 | 3.4       | 331.8     | .08        | 3.5       | 333.2     | .17        | 3.9       | 334.9     | .13        |
| 02:45 | 2.9       | 335.4     | .13        | 3.2       | 333.4     | .17        | 3.5       | 332.9     | .23        |
| 02:50 | 3.2       | 330.7     | .31        | 3.4       | 330.6     | .26        | 3.7       | 332.7     | .24        |
| 02:55 | 3.3       | 337.3     | .01        | 3.6       | 339.8     | .10        | 3.9       | 340.3     | .17        |
| 03:00 | 3.0       | 338.2     | .15        | 3.5       | 337.1     | .09        | 3.8       | 337.1     | .08        |
| 03:05 | 3.7       | 337.1     | .24        | 3.9       | 336.4     | .26        | 4.2       | 339.1     | .28        |
| 03:10 | 3.9       | 338.7     | .11        | 4.0       | 339.9     | .10        | 4.0       | 340.8     | .17        |
| 03:15 | 3.3       | 340.9     | .13        | 3.4       | 342.2     | .12        | 3.9       | 342.3     | .15        |
| 03:20 | 3.9       | 335.6     | .28        | 4.1       | 336.2     | .29        | 4.5       | 338.7     | .31        |
| 03:25 | 3.1       | 335.3     | .08        | 3.4       | 336.7     | .06        | 3.7       | 338.7     | -.02       |
| 03:30 | 3.7       | 331.0     | .06        | 3.8       | 333.3     | .11        | 4.0       | 335.4     | .09        |
| 03:35 | 3.7       | 339.9     | .02        | 3.8       | 339.4     | .05        | 3.9       | 341.7     | -.01       |
| 03:40 | 4.1       | 335.9     | .09        | 4.5       | 337.7     | .11        | 4.2       | 341.8     | .11        |
| 03:45 | 4.5       | 338.4     | -.12       | 4.7       | 342.8     | -.14       | 5.2       | 339.8     | -.14       |
| 03:50 | 4.9       | 338.7     | .03        | 4.8       | 339.5     | .06        | 4.6       | 343.8     | .08        |
| 03:55 | 4.5       | 343.6     | .01        | 4.6       | 344.1     | .02        | 4.6       | 342.2     | -.01       |
| 04:00 | 4.0       | 341.1     | -.30       | 4.2       | 345.4     | -.25       | 4.3       | 347.7     | -.20       |
| 04:05 | 4.1       | 349.8     | -.22       | 4.2       | 352.9     | -.31       | 4.5       | 350.3     | -.31       |
| 04:10 | 3.2       | 350.9     | -.27       | 3.4       | 353.1     | -.29       | 3.3       | 354.1     | -.24       |

|       | 21_WS140m | 22_WD140m | 23_VWS140m | 24_WS160m | 25_WD160m | 26_VWS160m | 27_WS180m | 28_WD180m | 29_VWS180m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | MPH        |
| 04:15 | 3.2       | 347.5     | -22        | 3.2       | 346.1     | -23        | 3.2       | 346.8     | -24        |
| 04:20 | 3.4       | 349.6     | -26        | 3.4       | 349.2     | -25        | 3.1       | 355.3     | -31        |
| 04:25 | 2.7       | 2.9       | -23        | 2.7       | 5.0       | -31        | 2.5       | 11.7      | -40        |
| 04:30 | 2.9       | 35.6      | -59        | 3.0       | 37.8      | -66        | 2.7       | 36.6      | -71        |
| 04:35 | 2.9       | 34.0      | -67        | 3.1       | 35.6      | -63        | 3.1       | 38.6      | -62        |
| 04:40 | 2.5       | 18.4      | -36        | 2.7       | 20.7      | -28        | 2.9       | 24.8      | -25        |
| 04:45 | 3.7       | 19.2      | .10        | 3.8       | 17.5      | .13        | 4.0       | 18.7      | .21        |
| 04:50 | 2.8       | 30.6      | -18        | 2.8       | 32.1      | -19        | 2.6       | 30.0      | -20        |
| 04:55 | 3.3       | 47.5      | -30        | 3.3       | 47.0      | -36        | 3.4       | 47.7      | -32        |
| 05:00 | 3.7       | 48.3      | .01        | 3.8       | 46.3      | -09        | 4.1       | 43.4      | -11        |
| 05:05 | 3.3       | 42.1      | -20        | 3.5       | 38.1      | -20        | 4.0       | 36.7      | -06        |
| 05:10 | 3.8       | 34.5      | -26        | 4.0       | 33.5      | -26        | 4.1       | 33.0      | -18        |
| 05:15 | 4.5       | 28.1      | .07        | 4.6       | 27.2      | .11        | 4.5       | 28.4      | .14        |
| 05:20 | 4.3       | 34.0      | .09        | 4.6       | 35.9      | .13        | 4.9       | 39.1      | .13        |
| 05:25 | 5.1       | 30.7      | .13        | 5.1       | 30.2      | .11        | 5.0       | 28.4      | .04        |
| 05:30 | 4.9       | 28.1      | .22        | 5.0       | 28.5      | .28        | 4.9       | 27.0      | .28        |
| 05:35 | 5.4       | 36.5      | .11        | 5.6       | 34.7      | .22        | 5.6       | 31.9      | .15        |
| 05:40 | 5.2       | 38.6      | .23        | 5.4       | 34.8      | .21        | 5.8       | 33.7      | .20        |
| 05:45 | 4.2       | 29.0      | -18        | 4.6       | 28.5      | -14        | 4.8       | 30.6      | -04        |
| 05:50 | 4.7       | 39.7      | .10        | 4.9       | 40.6      | .20        | 5.3       | 44.3      | .23        |
| 05:55 | 4.6       | 28.8      | -01        | 4.5       | 29.8      | .05        | 4.3       | 29.7      | .12        |
| 06:00 | 5.2       | 20.4      | .00        | 5.0       | 19.9      | .13        | 5.0       | 21.7      | .15        |
| 06:05 | 4.7       | 31.2      | -05        | 4.7       | 31.4      | -08        | 4.8       | 33.1      | -10        |
| 06:10 | 4.6       | 28.9      | .04        | 4.9       | 29.1      | .11        | 4.8       | 29.8      | .19        |
| 06:15 | 4.1       | 29.0      | -01        | 4.1       | 26.8      | -02        | 4.3       | 23.8      | -03        |
| 06:20 | 4.2       | 26.3      | .07        | 4.3       | 25.5      | .10        | 3.9       | 24.3      | .06        |
| 06:25 | 4.1       | 20.3      | .13        | 4.1       | 18.4      | .10        | 3.8       | 19.1      | .13        |
| 06:30 | 4.1       | 17.1      | .04        | 4.2       | 14.8      | .07        | 4.2       | 13.2      | .06        |
| 06:35 | 3.5       | 20.2      | -06        | 3.6       | 17.2      | -05        | 3.5       | 11.6      | -08        |
| 06:40 | 3.9       | 26.9      | -04        | 3.9       | 26.5      | -05        | 3.9       | 22.9      | -05        |
| 06:45 | 3.6       | 23.4      | .11        | 3.7       | 21.6      | .09        | 3.9       | 23.0      | .07        |
| 06:50 | 3.7       | 29.8      | .19        | 4.1       | 31.1      | .22        |           |           | .14        |
| 06:55 | 3.2       | 29.4      | .15        | 3.2       | 29.4      | .11        | 3.9       | 32.0      | .20        |
| 07:00 | 2.9       | 29.2      | -15        | 3.0       | 31.7      | -05        | 3.1       | 39.0      | -03        |
| 07:05 | 2.8       | 33.4      | -25        | 2.9       | 34.6      | -13        |           |           | -03        |
| 07:10 | 2.2       | 45.8      | -17        | 2.5       | 46.7      | -13        | 3.2       | 48.0      | -09        |
| 07:15 | 2.4       | 39.7      | -07        | 2.7       | 38.5      | -02        | 2.9       | 34.8      | -09        |
| 07:20 | 2.3       | 24.8      | -14        | 2.7       | 21.8      | -21        |           |           | -23        |
| 07:25 | 2.6       | 26.3      | -18        | 2.8       | 34.4      | -25        | 3.7       | 40.5      | -31        |
| 07:30 | 2.6       | 24.2      | -29        | 2.5       | 25.6      | -24        |           |           | -06        |
| 07:35 | 2.2       | 41.8      | -06        | 2.2       | 55.5      | -07        | 2.0       | 52.4      | -12        |
| 07:40 | 2.2       | 43.0      | .13        | 2.0       | 36.5      | .06        |           |           | .03        |
| 07:45 | 2.0       | 27.9      | .08        | 2.3       | 50.6      | -03        |           |           | -21        |
| 07:50 | 2.4       | 56.9      | .14        | 2.7       | 55.8      | .14        |           |           | .16        |
| 07:55 | 2.5       | 39.8      | -17        | 2.6       | 38.7      | -19        | 2.0       | 40.0      | -23        |
| 08:00 | 2.8       | 37.2      | .19        | 2.8       | 34.4      | .16        | 3.0       | 43.5      | .25        |
| 08:05 | 2.2       | 10.0      | .26        | 1.9       | 17.2      | .34        | 2.1       | 30.6      | .24        |
| 08:10 | 1.8       | 36.2      | -68        | 2.0       | 43.6      | -63        |           |           | -57        |
| 08:15 | 2.2       | 35.3      | -68        | 2.3       | 38.3      | -74        | 2.5       | 42.1      | -72        |
| 08:20 | 1.5       | 104.3     | -31        | 1.7       | 98.1      | -33        | 1.6       | 96.1      | -31        |
| 08:25 | 1.9       | 87.9      | -74        | 2.3       | 81.7      | -66        | 1.7       | 76.2      | -72        |
| 08:30 | 1.4       | 58.8      | .27        | 1.7       | 65.6      | .24        | 2.4       | 74.0      | .17        |
| 08:35 | 2.1       | 83.9      | .18        | 2.1       | 80.7      | .27        | 2.3       | 73.9      | .36        |
| 08:40 | 2.5       | 55.1      | .36        | 2.5       | 50.8      | .32        | 2.7       | 49.1      | .32        |
| 08:45 | 2.3       | 59.9      | .36        | 2.3       | 60.2      | .43        | 2.3       | 56.4      | .44        |
| 08:50 | 2.0       | 72.6      | .24        | 1.9       | 70.2      | .27        | 2.0       | 68.4      | .37        |

|       | 21_WS140m | 22_WD140m | 23_VWS140m | 24_WS160m | 25_WD160m | 26_VWS160m | 27_WS180m | 28_WD180m | 29_VWS180m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | MPH        |
| 08:55 | 2.0       | 73.0      | -.49       | 2.1       | 77.8      | -.48       | 2.3       | 76.8      | -.54       |
| 09:00 | 2.0       | 8.0       | -.73       | 2.1       | .3        | -.73       | 2.2       | 356.5     | -.70       |
| 09:05 | 2.2       | 28.7      | .25        | 2.2       | 29.5      | .25        | 2.2       | 26.1      | .31        |
| 09:10 | 3.2       | 30.7      | .06        | 3.1       | 32.1      | .12        | 3.3       | 36.8      | .12        |
| 09:15 | 2.6       | 34.4      | .24        | 2.6       | 33.0      | .29        | 2.7       | 35.6      | .28        |
| 09:20 | 2.6       | 18.3      | .00        | 2.8       | 19.6      | .01        | 3.1       | 23.9      | .03        |
| 09:25 | 3.0       | 17.7      | -.25       | 3.0       | 23.2      | -.20       | 3.1       | 24.3      | -.19       |
| 09:30 | 4.3       | 23.7      | .00        | 4.4       | 25.2      | .05        | 4.6       | 29.6      | .16        |
| 09:35 | 4.8       | 32.1      | .24        | 4.7       | 29.8      | .32        | 4.8       | 33.8      | .30        |
| 09:40 | 5.3       | 36.4      | .45        | 5.4       | 38.1      | .59        | 5.3       | 39.6      | .67        |
| 09:45 | 4.6       | 35.5      | .55        | 4.8       | 37.7      | .68        | 5.1       | 40.1      | .79        |
| 09:50 | 3.9       | 43.7      | -.41       | 4.0       | 46.3      | -.43       | 4.2       | 45.9      | -.38       |
| 09:55 | 4.4       | 33.2      | -.03       | 4.3       | 30.5      | -.04       | 4.7       | 35.5      | -.05       |
| 10:00 | 4.3       | 31.4      | -.12       | 4.2       | 35.4      | -.12       | 4.2       | 37.0      | -.04       |
| 10:05 | 4.3       | 30.9      | .04        | 4.1       | 30.9      | -.02       | 3.4       | 26.6      | -.08       |
| 10:10 | 4.1       | 67.1      | -.32       | 4.1       | 68.4      | -.43       | 3.8       | 71.6      | -.36       |
| 10:15 | 3.5       | 47.4      | -.20       | 3.4       | 46.2      | -.44       | 3.0       | 39.4      | -.62       |
| 10:20 | 4.1       | 51.5      | .17        | 3.9       | 53.3      | .21        | 4.4       | 57.6      | .36        |
| 10:25 | 3.4       | 43.1      | .26        | 3.6       | 48.8      | .44        | 3.1       | 50.2      | .60        |
| 10:30 | 4.5       | 59.4      | -.31       | 4.3       | 57.5      | -.13       | 3.9       | 50.3      | -.20       |
| 10:35 | 4.4       | 56.6      | .82        | 4.8       | 59.6      | .96        | 4.4       | 59.2      | 1.12       |
| 10:40 | 4.0       | 49.8      | -.37       | 3.6       | 48.7      | -.46       |           |           | -.24       |
| 10:45 | 4.1       | 37.6      | -.80       | 4.2       | 46.5      | -.78       |           |           | -.67       |
| 10:50 | 3.4       | 80.0      | -.49       | 3.5       | 81.5      | -.52       | 3.5       | 86.3      | -.70       |
| 10:55 | 4.6       | 31.2      | -.41       | 4.8       | 30.1      | -.48       | 3.7       | 26.9      | -.62       |
| 11:00 | 4.2       | 40.7      | -.31       | 4.7       | 46.3      | -.31       | 6.0       | 53.2      | -.66       |
| 11:05 | 4.2       | 52.2      | -.51       | 4.8       | 50.6      | -.59       | 6.2       | 51.4      | -.45       |
| 11:10 | 4.2       | 42.3      | .06        | 4.2       | 41.2      | .23        | 3.6       | 39.0      | .29        |
| 11:15 | 3.3       | 41.3      | .61        | 3.5       | 44.7      | .57        | 4.0       | 48.1      | .71        |
| 11:20 | 4.2       | 39.5      | .14        | 3.7       | 42.5      | .23        | 3.1       | 35.5      | .29        |
| 11:25 | 4.1       | 60.5      | .42        | 3.9       | 59.3      | .42        | 3.8       | 58.1      | .37        |
| 11:30 | 2.8       | 84.4      | .43        | 3.0       | 83.6      | .56        | 3.0       | 87.2      | .74        |
| 11:35 | 3.5       | 29.1      | -.12       | 3.6       | 36.0      | -.04       | 3.1       | 31.1      | .17        |
| 11:40 | 4.0       | 46.4      | .27        | 3.7       | 46.4      | .17        | 3.9       | 47.5      | .16        |
| 11:45 | 4.3       | 44.5      | -.04       | 3.9       | 46.2      | -.15       | 4.1       | 45.9      | -.22       |
| 11:50 | 5.3       | 47.9      | .82        | 5.4       | 50.3      | .97        | 5.9       | 57.8      | 1.04       |
| 11:55 | 4.1       | 36.5      | .35        | 3.9       | 39.3      | .44        | 3.9       | 46.4      | .68        |
| 12:00 | 3.6       | 46.6      | .49        | 3.7       | 47.4      | .60        | 3.4       | 49.4      | .74        |
| 12:05 | 3.2       | 24.6      | .40        | 3.4       | 24.5      | .48        | 3.3       | 26.8      | .47        |
| 12:10 | 3.3       | 50.2      | -.56       | 3.3       | 53.4      | -.70       | 2.8       | 48.7      | -.98       |
| 12:15 | 2.9       | 19.3      | .53        | 3.0       | 22.2      | .65        | 3.0       | 24.3      | .72        |
| 12:20 | 3.4       | 33.9      | -.05       | 3.2       | 34.0      | .13        | 3.1       | 32.6      | .21        |
| 12:25 | 4.1       | 44.9      | .21        | 4.0       | 40.2      | .16        | 3.7       | 35.2      | .00        |
| 12:30 | 3.5       | 21.8      | -.10       | 3.6       | 24.2      | -.15       | 4.1       | 30.4      | -.23       |
| 12:35 | 3.2       | 36.6      | -.48       | 3.4       | 35.8      | -.52       | 3.4       | 30.7      | -.51       |
| 12:40 | 3.9       | 40.8      | -.73       | 3.7       | 38.5      | -.72       | 3.7       | 45.7      | -.62       |
| 12:45 | 3.9       | 51.0      | 1.16       | 3.9       | 55.1      | 1.13       | 4.2       | 57.3      | 1.12       |
| 12:50 | 2.9       | 26.1      | .45        | 2.8       | 20.5      | .52        | 2.7       | 22.9      | .56        |
| 12:55 | 3.8       | 6.9       | -.12       | 3.9       | 4.7       | -.10       | 3.7       | 3.7       | -.02       |
| 13:00 | 2.7       | 30.4      | -.54       | 2.6       | 38.2      | -.53       | 2.7       | 54.9      | -.50       |
| 13:05 | 3.0       | 11.8      | -.03       | 2.9       | 19.9      | .00        | 3.2       | 29.8      | -.13       |
| 13:10 | 3.5       | 76.0      | .02        | 3.4       | 80.4      | .07        | 3.6       | 86.6      | .19        |
| 13:15 | 2.7       | 65.8      | .43        | 3.1       | 68.0      | .40        | 3.2       | 68.8      | .48        |
| 13:20 | 3.1       | 22.7      | .61        | 3.2       | 22.5      | .59        | 2.7       | 20.0      | .55        |
| 13:25 | 4.0       | 24.9      | -.43       | 4.0       | 24.8      | -.42       | 4.0       | 22.9      | -.42       |
| 13:30 | 3.4       | 353.0     | .42        | 3.4       | 356.1     | .51        | 3.5       | .4        | .57        |

|       | 21_WS140m | 22_WD140m | 23_VWS140m | 24_WS160m | 25_WD160m | 26_VWS160m | 27_WS180m | 28_WD180m | 29_VWS180m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | MPH        |
| 13:35 | 4.3       | 15.7      | -.42       | 4.0       | 19.3      | -.50       | 3.7       | 15.6      | -.61       |
| 13:40 | 5.2       | 37.1      | .01        | 5.1       | 41.2      | .02        | 4.8       | 40.6      | -.03       |
| 13:45 | 3.3       | 47.5      | .61        | 3.3       | 52.7      | .61        | 3.8       | 62.7      | .60        |
| 13:50 | 3.6       | 27.6      | .17        | 3.3       | 26.4      | .19        | 3.0       | 32.3      | .27        |
| 13:55 | 3.9       | 13.9      | .46        | 3.8       | 19.2      | .53        | 4.0       | 28.4      | .52        |
| 14:00 | 4.3       | 13.5      | .06        | 4.3       | 16.2      | .00        | 4.3       | 15.7      | -.10       |
| 14:05 | 3.6       | 16.1      | -.50       | 3.7       | 17.2      | -.61       | 3.8       | 20.5      | -.71       |
| 14:10 | 3.4       | 41.5      | .14        | 3.5       | 43.4      | .17        | 3.4       | 48.3      | .24        |
| 14:15 | 3.5       | 45.3      | .01        | 3.5       | 44.7      | .03        | 3.8       | 46.7      | -.01       |
| 14:20 | 3.4       | 28.0      | .62        | 3.4       | 27.9      | .59        | 3.4       | 27.8      | .52        |
| 14:25 | 2.9       | 53.1      | -.13       | 3.1       | 62.1      | -.13       | 3.1       | 64.6      | -.08       |
| 14:30 | 3.5       | 20.8      | -.29       | 3.4       | 21.5      | -.45       | 3.4       | 20.4      | -.64       |
| 14:35 | 3.4       | 44.8      | -.45       | 3.5       | 46.3      | -.53       | 3.5       | 46.9      | -.61       |
| 14:40 | 3.2       | 39.6      | .07        | 3.1       | 44.3      | .01        | 2.8       | 48.8      | .06        |
| 14:45 | 2.4       | 10.9      | .17        | 2.6       | 9.6       | .21        | 2.6       | 20.2      | .12        |
| 14:50 | 3.3       | 23.7      | -.33       | 3.3       | 31.1      | -.34       | 3.7       | 41.6      | -.29       |
| 14:55 | 3.7       | 35.2      | -.41       | 3.6       | 35.3      | -.53       | 3.6       | 35.9      | -.74       |
| 15:00 | 3.5       | 62.7      | 1.01       | 3.6       | 63.8      | .87        | 3.7       | 63.6      | .75        |
| 15:05 | 2.1       | 45.0      | .48        | 2.1       | 48.7      | .34        | 2.1       | 55.5      | .17        |
| 15:10 | 3.5       | 29.4      | -.25       | 3.6       | 30.7      | -.16       | 3.7       | 34.4      | -.03       |
| 15:15 | 3.3       | 28.9      | .18        | 3.4       | 29.9      | .27        | 3.3       | 28.8      | .27        |
| 15:20 | 3.0       | 38.9      | .78        | 3.1       | 41.8      | .93        | 3.1       | 42.8      | 1.02       |
| 15:25 | 2.8       | 19.8      | .27        | 2.8       | 24.7      | .25        | 3.0       | 25.0      | .33        |
| 15:30 | 2.4       | 22.5      | .99        | 2.5       | 25.4      | .98        | 2.7       | 28.6      | 1.00       |
| 15:35 | 1.7       | 50.7      | .84        | 1.7       | 50.8      | .95        | 2.0       | 54.7      | .91        |
| 15:40 | .8        | 17.2      | -.11       | .9        | 13.2      | -.13       | 1.2       | 27.4      | .06        |
| 15:45 | 1.8       | 82.2      | .00        | 1.6       | 77.5      | -.05       | 1.7       | 77.5      | -.11       |
| 15:50 | 1.6       | 89.1      | .44        | 1.5       | 85.5      | .35        | 1.6       | 84.4      | .33        |
| 15:55 | 1.4       | 55.7      | -.13       | 1.4       | 58.3      | -.32       | 1.8       | 54.7      | -.45       |
| 16:00 | 2.2       | 35.4      | .09        | 2.2       | 33.9      | .06        | 2.0       | 32.5      | .01        |
| 16:05 | 2.1       | 62.7      | .42        | 2.1       | 60.2      | .36        | 2.1       | 59.2      | .31        |
| 16:10 | 2.2       | 53.4      | -.51       | 2.4       | 61.3      | -.40       | 2.8       | 70.9      | -.20       |
| 16:15 | 2.6       | 61.7      | .02        | 2.6       | 62.8      | .09        | 2.6       | 62.7      | .08        |
| 16:20 | 2.3       | 67.2      | .51        | 2.2       | 70.7      | .46        | 2.1       | 79.6      | .36        |
| 16:25 | 1.7       | 78.6      | .45        | 1.7       | 81.9      | .43        | 1.9       | 79.9      | .45        |
| 16:30 | .9        | 55.5      | -.01       | 1.0       | 80.7      | .05        | 1.1       | 84.7      | .13        |
| 16:35 | 1.5       | 114.3     | -.10       | 1.8       | 117.4     | -.19       | 1.9       | 122.1     | -.24       |
| 16:40 | 1.1       | 93.0      | .32        | 1.1       | 98.4      | .24        | 1.2       | 101.8     | .22        |
| 16:45 | 2.5       | 148.5     | -.02       | 2.6       | 146.8     | -.02       | 2.4       | 144.7     | .06        |
| 16:50 | 2.3       | 163.8     | .13        | 2.3       | 161.6     | .21        | 2.3       | 159.2     | .23        |
| 16:55 | 2.2       | 172.6     | .17        | 2.1       | 173.9     | .15        | 2.1       | 170.6     | .21        |
| 17:00 | 1.9       | 154.5     | .18        | 1.8       | 155.3     | .21        | 2.0       | 159.5     | .24        |
| 17:05 | 1.9       | 138.2     | .05        | 2.0       | 136.5     | .08        | 2.0       | 136.2     | .06        |
| 17:10 | 2.1       | 132.9     | .02        | 2.1       | 134.9     | .08        | 2.2       | 129.8     | .11        |
| 17:15 | 1.9       | 126.2     | .17        | 2.3       | 123.8     | .18        | 2.5       | 123.0     | .20        |
| 17:20 | 2.1       | 120.5     | .32        | 2.1       | 120.4     | .34        | 2.2       | 117.7     | .24        |
| 17:25 | 2.2       | 120.4     | .09        | 2.3       | 121.4     | .11        | 2.5       | 125.2     | .10        |
| 17:30 | 2.1       | 83.8      | .38        | 2.1       | 84.3      | .39        | 2.5       | 90.1      | .45        |
| 17:35 | 2.3       | 107.9     | -.03       | 2.4       | 105.4     | -.07       | 2.5       | 105.4     | -.06       |
| 17:40 | 2.0       | 119.2     | .11        | 2.0       | 115.5     | .21        | 1.9       | 116.0     | .19        |
| 17:45 | 1.4       | 114.7     | -.06       | 1.7       | 106.7     | .00        | 1.9       | 98.7      | .03        |
| 17:50 | 1.4       | 76.6      | -.26       | 1.5       | 79.0      | -.13       | 1.9       | 88.7      | -.03       |
| 17:55 | 1.4       | 81.1      | .16        | 1.6       | 86.1      | .13        | 1.4       | 87.6      | .08        |
| 18:00 | 1.9       | 86.3      | -.11       | 2.1       | 90.5      | -.08       | 2.2       | 91.1      | -.09       |
| 18:05 | 2.0       | 69.2      | -.09       | 2.1       | 73.2      | -.08       | 2.2       | 74.2      | -.03       |
| 18:10 | 2.2       | 61.2      | .09        | 2.2       | 61.0      | .10        | 2.2       | 57.3      | .05        |



|       | 21_WS140m | 22_WD140m | 23_VWS140m | 24_WS160m | 25_WD160m | 26_VWS160m | 27_WS180m | 28_WD180m | 29_VWS180m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | MPH        |
| 18:15 | 2.5       | 60.0      | .10        | 2.5       | 62.5      | .13        | 2.6       | 64.5      | .14        |
| 18:20 | 2.3       | 56.3      | -.03       | 2.5       | 60.8      | -.05       | 2.7       | 62.1      | .00        |
| 18:25 | 1.4       | 52.1      | -.21       | 1.5       | 53.9      | -.22       | 1.4       | 56.4      | -.24       |
| 18:30 | 1.2       | 66.8      | -.03       | 1.1       | 68.8      | .00        | 1.2       | 63.9      | -.05       |
| 18:35 | .9        | 114.7     | -.01       | .9        | 105.5     | .06        | 1.2       | 101.9     | .07        |
| 18:40 | 1.5       | 120.5     | -.02       | 1.7       | 121.4     | -.03       | 1.6       | 120.6     | -.06       |
| 18:45 | 2.1       | 137.8     | .01        | 2.2       | 135.2     | .01        | 2.3       | 133.0     | -.04       |
| 18:50 | 2.4       | 133.2     | -.01       | 2.5       | 132.2     | -.01       | 2.5       | 130.3     | -.01       |
| 18:55 | 2.7       | 115.1     | .19        | 2.8       | 114.8     | .14        | 2.7       | 116.5     | .11        |
| 19:00 | 2.8       | 122.3     | -.01       | 2.9       | 122.5     | .09        | 2.9       | 119.5     | .03        |
| 19:05 | 2.6       | 142.4     | .05        | 2.5       | 142.4     | -.04       | 2.6       | 140.3     | -.06       |
| 19:10 | 2.4       | 150.7     | .09        | 2.3       | 148.1     | .09        | 2.2       | 143.0     | .11        |
| 19:15 | 1.8       | 136.8     | .00        | 1.8       | 134.5     | .00        | 1.7       | 126.8     | .02        |
| 19:20 | 1.6       | 149.0     | .14        | 1.5       | 146.7     | .18        | 1.4       | 143.3     | .22        |
| 19:25 | 1.5       | 210.6     | .17        | 1.3       | 214.5     | .16        | 1.3       | 225.9     | .13        |
| 19:30 | 2.7       | 271.2     | .42        | 2.7       | 274.7     | .50        | 2.9       | 275.1     | .53        |
| 19:35 | 3.5       | 286.4     | .98        | 3.5       | 285.9     | 1.03       | 3.6       | 287.7     | 1.03       |
| 19:40 | 3.8       | 300.3     | .63        | 3.9       | 301.5     | .71        | 3.7       | 305.1     | .75        |
| 19:45 | 4.1       | 302.4     | .31        | 4.1       | 304.3     | .26        | 4.1       | 308.5     | .25        |
| 19:50 | 4.6       | 293.4     | .17        | 4.6       | 293.1     | .16        | 4.6       | 292.7     | .12        |
| 19:55 | 4.7       | 293.6     | .07        | 4.7       | 293.5     | .06        | 4.6       | 292.9     | .05        |
| 20:00 | 4.5       | 327.3     | .06        | 4.4       | 328.9     | .12        | 4.5       | 333.0     | .09        |
| 20:05 | 4.6       | 346.2     | .01        | 4.6       | 348.6     | .06        | 4.6       | 349.6     | .00        |
| 20:10 | 4.3       | 347.3     | .05        | 4.4       | 350.5     | .06        | 4.4       | 353.6     | .10        |
| 20:15 | 4.1       | 333.0     | -.15       | 4.3       | 335.0     | -.14       | 4.3       | 336.9     | -.15       |
| 20:20 | 3.1       | 342.5     | -.14       | 3.5       | 340.4     | -.15       | 3.8       | 341.1     | -.14       |
| 20:25 | 2.3       | 357.5     | .06        | 2.9       | 352.7     | .06        | 3.4       | 347.8     | .03        |
| 20:30 | 3.1       | 339.0     | 1.40       | 3.5       | 339.8     | 1.44       | 3.5       | 337.0     | 1.65       |
| 20:35 | 3.3       | 348.1     | .88        | 3.8       | 348.0     | .87        | 3.8       | 349.6     | .84        |
| 20:40 | 2.2       | 330.8     | .18        | 2.5       | 330.5     | .28        | 2.8       | 332.6     | .29        |
| 20:45 | 2.8       | 250.7     | 1.01       | 3.0       | 256.3     | 1.05       | 3.1       | 264.2     | 1.10       |
| 20:50 | 3.9       | 248.0     | 1.57       | 4.2       | 253.9     | 1.74       | 3.8       | 256.1     | 1.93       |
| 20:55 | 3.1       | 262.3     | 2.30       | 3.0       | 268.4     | 2.41       | 3.2       | 278.5     | 1.91       |
| 21:00 |           |           | 1.80       |           |           | 2.57       |           |           |            |
| 21:05 | 1.7       | 295.9     | 2.93       | 2.2       | 294.4     | 2.67       | 3.2       | 283.5     | 2.64       |
| 21:10 | 2.2       | 289.1     | 3.30       | 2.5       | 296.9     | 3.08       | 2.7       | 298.7     | 3.27       |
| 21:15 | 1.7       | 336.8     | 3.35       | 1.9       | 332.3     | 3.36       | 1.8       | 331.1     | 3.20       |
| 21:20 | 1.6       | 295.3     | 1.85       | 1.8       | 299.9     | 1.85       | 1.9       | 304.3     | 1.78       |
| 21:25 | 1.8       | 271.0     | 1.08       | 1.9       | 277.5     | 1.06       | 2.0       | 279.7     | 1.07       |
| 21:30 | 2.9       | 261.8     | 1.38       | 2.9       | 266.6     | 1.41       | 3.0       | 272.3     | 1.44       |
| 21:35 | 3.6       | 247.0     | 3.44       | 3.9       | 253.2     | 3.60       | 4.0       | 258.6     | 3.70       |
| 21:40 | 4.8       | 256.1     | 3.57       | 4.6       | 259.4     | 3.61       | 4.3       | 262.9     | 3.67       |
| 21:45 | 4.5       | 267.4     | 3.43       | 4.6       | 271.6     | 3.46       | 4.5       | 277.4     | 3.50       |
| 21:50 | 3.9       | 275.0     | 3.29       | 4.1       | 279.4     | 3.39       | 4.1       | 284.7     | 3.32       |
| 21:55 | 3.3       | 294.4     | 3.35       | 3.4       | 300.9     | 3.48       | 3.5       | 309.1     | 3.43       |
| 22:00 | 4.2       | 285.0     | 3.30       | 4.5       | 289.0     | 3.39       | 4.2       | 290.3     | 3.51       |
| 22:05 | 4.5       | 290.8     | 3.13       | 4.6       | 293.2     | 3.27       | 4.6       | 294.9     | 3.31       |
| 22:10 | 2.4       | 314.5     | 3.57       | 2.7       | 317.9     | 3.59       | 3.2       | 323.6     | 3.53       |
| 22:15 | 2.3       | 312.6     | 3.09       | 2.6       | 317.4     | 3.08       | 3.2       | 322.5     | 3.16       |
| 22:20 | 2.8       | 316.8     | 2.60       | 3.4       | 321.1     | 2.63       | 4.0       | 323.5     | 2.64       |
| 22:25 | 4.1       | 332.2     | 3.19       | 4.5       | 330.5     | 3.23       | 4.9       | 332.3     | 3.22       |
| 22:30 | 4.7       | 351.1     | 3.67       | 4.9       | 349.6     | 3.71       | 5.4       | 348.6     | 3.71       |
| 22:35 | 2.2       | 11.1      | 3.35       | 2.5       | 8.0       | 3.38       | 2.7       | 6.2       | 3.46       |
| 22:40 | 2.8       | 55.6      | 2.94       | 2.9       | 45.1      | 3.03       | 3.3       | 34.0      | 2.93       |
| 22:45 | 3.2       | 45.4      | 3.05       | 3.5       | 41.7      | 3.03       | 3.8       | 37.4      | 3.07       |
| 22:50 | 3.6       | 69.9      | 2.96       | 3.7       | 63.3      | 2.90       | 4.1       | 54.5      | 2.97       |



## Daily Summary Report

Site: Lidar "Q" (PAM35)

3/8/2022

Interval: 005m

|       | 29_WS200m | 30_WD200m | 32_VWS200m | 33_WS220m | 34_WD220m | 36_WS240m | 37_WD240m | 38_VWS240m | 39_WS260m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|-----------|
| Time  | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | M/SEC     | DEG       | MPH        | M/SEC     |
| 00:00 | 7.4       | 316.6     | .07        | 7.7       | 317.2     | 8.1       | 317.7     | .13        |           |
| 00:05 | 7.5       | 314.2     | .11        | 7.6       | 314.5     | 7.8       | 314.9     | -.03       | 7.7       |
| 00:10 | 8.2       | 316.0     | .13        | 8.3       | 318.1     | 8.4       | 318.6     | .08        | 7.6       |
| 00:15 | 7.5       | 317.5     | .42        | 7.6       | 318.2     | 7.7       | 319.0     | .31        | 8.4       |
| 00:20 | 7.0       | 321.3     | -.19       | 7.2       | 320.3     | 7.3       | 320.7     | -.18       | 7.6       |
| 00:25 | 6.5       | 320.9     | -.24       | 7.0       | 322.1     | 7.2       | 324.1     | -.30       | 7.4       |
| 00:30 | 6.8       | 322.8     | -.11       | 7.0       | 321.6     | 7.2       | 322.6     | -.06       | 7.7       |
| 00:35 | 6.3       | 321.8     | -.18       | 6.3       | 321.9     | 6.2       | 322.2     | -.18       | 7.1       |
| 00:40 | 5.6       | 324.5     | -.18       | 5.8       | 324.6     | 6.3       | 325.3     | -.20       |           |
| 00:45 | 4.7       | 322.0     | -.24       | 4.9       | 324.7     | 5.4       | 325.2     | -.29       | 5.4       |
| 00:50 | 5.2       | 325.4     | -.06       | 5.4       | 325.2     | 5.6       | 326.2     | -.09       |           |
| 00:55 | 5.6       | 325.4     | -.25       | 6.1       | 325.1     | 5.8       | 326.5     | -.31       | 6.2       |
| 01:00 | 6.1       | 326.4     | -.11       | 6.2       | 325.8     | 6.7       | 329.9     | -.20       |           |
| 01:05 | 6.2       | 325.9     | -.11       | 6.4       | 326.7     | 6.5       | 328.8     | -.13       | 7.2       |
| 01:10 | 5.7       | 328.0     | -.23       | 6.1       | 329.9     | 6.1       | 331.3     | -.28       | 6.4       |
| 01:15 | 5.5       | 329.4     | -.07       | 5.6       | 330.9     | 6.5       | 333.2     | -.10       |           |
| 01:20 | 5.3       | 332.7     | -.06       | 5.5       | 333.6     | 6.0       | 331.2     | -.15       | 5.8       |
| 01:25 | 5.3       | 328.3     | -.16       | 5.7       | 331.5     | 5.8       | 334.1     | -.22       | 5.8       |
| 01:30 | 4.5       | 330.0     | -.23       | 5.1       | 330.4     | 5.4       | 331.6     | -.23       |           |
| 01:35 | 4.9       | 329.6     | -.17       | 5.4       | 331.7     | 5.7       | 331.3     | -.23       | 5.6       |
| 01:40 |           |           |            |           |           |           |           |            |           |
| 01:45 | 4.7       | 323.5     | .04        | 4.8       | 329.9     |           |           | .10        |           |
| 01:50 | 4.8       | 325.8     | -.04       | 5.2       | 327.7     | 5.3       | 329.7     | -.08       |           |
| 01:55 | 4.4       | 325.4     | -.07       | 4.6       | 328.8     | 3.9       | 332.2     | -.03       | 5.6       |
| 02:00 | 4.1       | 324.4     | .01        | 4.5       | 326.3     | 4.9       | 325.9     | -.04       |           |
| 02:05 | 3.1       | 326.2     | -.02       | 3.8       | 336.6     |           |           | -.02       |           |
| 02:10 | 3.9       | 331.6     | .15        | 4.3       | 332.3     | 4.6       | 331.7     | .18        |           |
| 02:15 | 4.0       | 331.2     | .11        | 4.6       | 332.4     |           |           | .07        |           |
| 02:20 | 4.4       | 329.5     | .04        | 4.5       | 332.8     |           |           | -.03       |           |
| 02:25 | 4.0       | 332.3     | .20        | 3.9       | 333.6     |           |           | .17        |           |
| 02:30 | 4.9       | 332.6     | .18        | 4.8       | 340.5     |           |           | .14        |           |
| 02:35 | 4.4       | 331.8     | .35        | 5.0       | 339.3     |           |           | .34        |           |
| 02:40 | 4.3       | 333.8     | .05        | 4.3       | 336.4     |           |           | .10        |           |
| 02:45 | 3.9       | 328.8     | .15        | 4.5       | 335.4     |           |           | .09        |           |
| 02:50 | 3.7       | 337.0     | .20        | 3.5       | 338.4     |           |           | .12        |           |
| 02:55 | 4.6       | 336.4     | .21        | 3.7       | 341.8     |           |           | .35        |           |
| 03:00 | 3.2       | 331.9     | .12        |           |           |           |           | -.21       |           |
| 03:05 | 4.3       | 342.0     | .29        |           |           |           |           | .08        |           |
| 03:10 |           |           | .19        |           |           |           |           | -.02       |           |
| 03:15 | 3.8       | 344.1     | .10        |           |           |           |           | .31        |           |
| 03:20 |           |           | .28        |           |           |           |           | .29        |           |
| 03:25 |           |           | .06        |           |           |           |           | -.13       |           |
| 03:30 |           |           | .17        |           |           |           |           | .16        |           |
| 03:35 | 4.0       | 341.6     | -.02       |           |           |           |           | -.13       |           |
| 03:40 |           |           | .10        |           |           |           |           | .04        |           |
| 03:45 | 5.7       | 339.8     | -.12       |           |           |           |           | -.21       |           |
| 03:50 | 4.8       | 341.6     | .11        |           |           |           |           | .02        |           |
| 03:55 |           |           | -.01       |           |           |           |           | .07        |           |
| 04:00 | 4.4       | 349.0     | -.23       |           |           |           |           | -.25       |           |
| 04:05 | 3.7       | 356.9     | -.30       | 3.6       | 15.8      | 4.2       | 9.2       | -.16       |           |
| 04:10 |           |           | -.28       |           |           |           |           | -.26       |           |

|       | 29_WS200m | 30_WD200m | 32_VWS200m | 33_WS220m | 34_WD220m | 36_WS240m | 37_WD240m | 38_VWS240m | 39_WS260m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|-----------|
| Time  | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | M/SEC     | DEG       | MPH        | M/SEC     |
| 04:15 | 2.6       | 347.4     | -27        |           |           |           |           | -27        |           |
| 04:20 | 3.2       | 1.7       | -46        |           |           |           |           | -40        |           |
| 04:25 | 2.5       | 9.9       | -53        |           |           |           |           | -71        |           |
| 04:30 | 3.6       | 48.7      | -72        | 2.6       | 48.6      |           |           | -69        |           |
| 04:35 | 3.2       | 39.2      | -54        | 3.1       | 36.9      |           |           | -53        |           |
| 04:40 | 2.6       | 27.7      | -23        | 3.2       | 29.0      |           |           | -21        |           |
| 04:45 | 4.2       | 15.7      | .22        | 3.3       | 14.4      |           |           | .26        |           |
| 04:50 | 3.4       | 30.6      | -.13       | 2.0       | 18.3      | 2.7       | 25.0      | -.10       |           |
| 04:55 | 3.5       | 48.4      | -.30       | 2.5       | 42.8      |           |           | -.32       |           |
| 05:00 | 4.4       | 40.7      | -.11       |           |           |           |           | -.11       |           |
| 05:05 | 4.9       | 40.6      | -.01       |           |           |           |           | .10        |           |
| 05:10 | 4.8       | 33.3      | -.12       | 4.7       | 26.4      |           |           | -.05       |           |
| 05:15 | 4.9       | 23.7      | .19        |           |           |           |           | .19        |           |
| 05:20 | 6.1       | 48.9      | .05        |           |           |           |           | .16        |           |
| 05:25 | 5.0       | 31.6      | .01        |           |           |           |           | .14        |           |
| 05:30 | 5.4       | 27.8      | .19        |           |           |           |           | .24        |           |
| 05:35 | 5.5       | 28.1      | .15        |           |           |           |           | .11        |           |
| 05:40 | 5.5       | 33.5      | .22        |           |           |           |           | .28        |           |
| 05:45 | 5.1       | 33.1      | -.02       |           |           |           |           | .07        |           |
| 05:50 | 4.1       | 37.5      | .22        | 5.3       | 41.0      |           |           | .24        |           |
| 05:55 | 5.6       | 31.1      | .09        |           |           |           |           | .22        |           |
| 06:00 | 5.0       | 25.8      | .08        |           |           |           |           | .20        |           |
| 06:05 | 5.0       | 34.7      | -.10       |           |           |           |           | -.11       |           |
| 06:10 |           |           | .13        |           |           |           |           | .81        |           |
| 06:15 |           |           | -.06       |           |           |           |           | -.13       |           |
| 06:20 | 3.3       | 27.6      | .13        |           |           |           |           | -.06       |           |
| 06:25 |           |           | .25        |           |           |           |           | .33        |           |
| 06:30 |           |           | .19        |           |           |           |           | .52        |           |
| 06:35 | 3.1       | 9.6       | -.13       |           |           |           |           | -.06       |           |
| 06:40 |           |           | .00        |           |           |           |           | .30        |           |
| 06:45 | 3.9       | 20.3      | .08        |           |           |           |           | .04        |           |
| 06:50 |           |           | .28        |           |           |           |           | -.29       |           |
| 06:55 |           |           | .28        |           |           |           |           | -.04       |           |
| 07:00 |           |           | -.03       |           |           |           |           | .21        |           |
| 07:05 |           |           | .00        |           |           |           |           | .45        |           |
| 07:10 |           |           | -.21       |           |           |           |           | -.38       |           |
| 07:15 |           |           | -.10       |           |           |           |           | -.01       |           |
| 07:20 |           |           | -.28       |           |           |           |           | -.51       |           |
| 07:25 |           |           | -.20       |           |           |           |           | -1.26      |           |
| 07:30 |           |           | -.27       |           |           |           |           | -.26       |           |
| 07:35 |           |           | -.23       |           |           |           |           | -.27       |           |
| 07:40 |           |           | -.24       |           |           |           |           | .06        |           |
| 07:45 |           |           | -.16       |           |           |           |           | -.07       |           |
| 07:50 |           |           | .32        |           |           |           |           | -.12       |           |
| 07:55 |           |           | -.30       |           |           |           |           | -.41       |           |
| 08:00 |           |           | .20        |           |           |           |           | .35        |           |
| 08:05 |           |           | .27        |           |           |           |           | .05        |           |
| 08:10 |           |           | -.48       |           |           |           |           | -.45       |           |
| 08:15 |           |           | -.46       |           |           |           |           | .01        |           |
| 08:20 |           |           | -.31       |           |           |           |           | -.19       |           |
| 08:25 |           |           | -.68       |           |           |           |           | -.34       |           |
| 08:30 |           |           | .25        |           |           |           |           | .31        |           |
| 08:35 | 2.8       | 76.1      | .39        |           |           |           |           | .39        |           |
| 08:40 |           |           | .33        |           |           |           |           | .30        |           |
| 08:45 | 2.7       | 52.1      | .45        |           |           |           |           | .50        |           |
| 08:50 |           |           | .35        |           |           |           |           | .52        |           |

|       | 29_WS200m | 30_WD200m | 32_VWS200m | 33_WS220m | 34_WD220m | 36_WS240m | 37_WD240m | 38_VWS240m | 39_WS260m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|-----------|
| Time  | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | M/SEC     | DEG       | MPH        | M/SEC     |
| 08:55 | 2.4       | 79.7      | -.68       |           |           |           |           | -.69       |           |
| 09:00 | 2.3       | 344.6     | -.76       | 2.5       | 329.8     |           |           | -.95       |           |
| 09:05 | 2.7       | 25.5      | .43        | 2.9       | 13.0      |           |           | .22        |           |
| 09:10 | 4.0       | 45.8      | .07        |           |           |           |           | .11        |           |
| 09:15 | 2.8       | 36.7      | .29        | 2.7       | 21.6      |           |           | .19        |           |
| 09:20 | 3.2       | 19.9      | .04        |           |           |           |           | .00        |           |
| 09:25 | 3.5       | 30.6      | -.20       |           |           |           |           | -.20       |           |
| 09:30 | 4.4       | 26.1      | .30        | 4.7       | 33.4      |           |           | .35        |           |
| 09:35 | 4.6       | 30.7      | .25        |           |           |           |           | .31        |           |
| 09:40 | 5.6       | 41.7      | .77        |           |           |           |           | .68        |           |
| 09:45 | 5.1       | 38.2      | .94        | 4.7       | 28.4      |           |           | 1.09       |           |
| 09:50 | 4.5       | 46.7      | -.28       |           |           |           |           | -.19       |           |
| 09:55 |           |           | -.04       |           |           |           |           | .13        |           |
| 10:00 | 4.5       | 39.9      | -.18       | 4.1       | 36.7      |           |           | -.28       |           |
| 10:05 |           |           | -.31       |           |           |           |           | -.38       |           |
| 10:10 |           |           | -.37       |           |           |           |           | -.52       |           |
| 10:15 |           |           | -.54       |           |           |           |           | -.70       |           |
| 10:20 |           |           | .65        |           |           |           |           | .05        |           |
| 10:25 |           |           | .68        |           |           |           |           | 1.10       |           |
| 10:30 | 5.5       | 66.4      | -.01       |           |           |           |           | .06        |           |
| 10:35 |           |           | 1.31       |           |           |           |           | .76        |           |
| 10:40 |           |           | -.12       |           |           |           |           | -.44       |           |
| 10:45 |           |           | -.65       |           |           |           |           | -.89       |           |
| 10:50 |           |           | .08        |           |           |           |           | .37        |           |
| 10:55 |           |           | -.39       |           |           |           |           | -.57       |           |
| 11:00 |           |           | -.69       |           |           |           |           | -.90       |           |
| 11:05 |           |           | -.27       |           |           |           |           | -1.10      |           |
| 11:10 |           |           | .25        |           |           |           |           | .74        |           |
| 11:15 | 4.4       | 46.9      | .99        |           |           |           |           | .95        |           |
| 11:20 | 1.8       | 38.9      | .61        |           |           |           |           | .05        |           |
| 11:25 |           |           | .51        |           |           |           |           | .78        |           |
| 11:30 |           |           | .71        |           |           |           |           | .72        |           |
| 11:35 | 3.1       | 30.1      | .14        |           |           |           |           | .38        |           |
| 11:40 |           |           | .15        |           |           |           |           | -.10       |           |
| 11:45 | 5.3       | 54.4      | -.14       |           |           |           |           | -.36       |           |
| 11:50 | 6.4       | 59.3      | 1.20       |           |           |           |           | 1.14       |           |
| 11:55 | 4.9       | 58.6      | .84        |           |           |           |           | 1.16       |           |
| 12:00 | 2.9       | 46.6      | .78        | 3.3       | 49.6      |           |           | .67        |           |
| 12:05 | 2.4       | 36.9      | .44        | 1.9       | 20.8      |           |           | .57        |           |
| 12:10 | 4.0       | 61.3      | -1.12      |           |           |           |           | -1.19      |           |
| 12:15 | 2.5       | 16.6      | .69        | 2.1       | 15.7      |           |           | .40        |           |
| 12:20 | 3.2       | 28.8      | .04        |           |           |           |           | .27        |           |
| 12:25 | 4.1       | 34.5      | -.05       |           |           |           |           | .00        |           |
| 12:30 | 5.8       | 54.6      | -.46       |           |           |           |           | -.31       |           |
| 12:35 | 4.4       | 39.2      | -.47       |           |           |           |           | -.32       |           |
| 12:40 | 2.9       | 43.8      | -.69       |           |           |           |           | -.43       |           |
| 12:45 | 4.5       | 59.1      | 1.31       |           |           |           |           | 1.35       |           |
| 12:50 |           |           | .80        |           |           |           |           | .72        |           |
| 12:55 |           |           | -.07       |           |           |           |           | .15        |           |
| 13:00 | 1.2       | 8.0       | -.31       |           |           |           |           | .02        |           |
| 13:05 |           |           | -.12       |           |           |           |           | -.11       |           |
| 13:10 | 4.5       | 94.5      | .21        |           |           |           |           | .23        |           |
| 13:15 | 2.9       | 74.7      | .46        |           |           |           |           | .37        |           |
| 13:20 |           |           | .30        | 3.6       | 52.2      |           |           | .60        |           |
| 13:25 | 5.2       | 43.1      | -.46       |           |           |           |           | -.60       |           |
| 13:30 | 3.7       | .4        | .64        | 2.2       | 3.4       |           |           | .81        |           |

|       | 29_WS200m | 30_WD200m | 32_VWS200m | 33_WS220m | 34_WD220m | 36_WS240m | 37_WD240m | 38_VWS240m | 39_WS260m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|-----------|
| Time  | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | M/SEC     | DEG       | MPH        | M/SEC     |
| 13:35 | 4.6       | 30.6      | -47        |           |           |           |           | -56        |           |
| 13:40 | 5.0       | 38.1      | -17        |           |           |           |           | -19        |           |
| 13:45 | 3.9       | 66.1      | .60        |           |           |           |           | .34        |           |
| 13:50 | 3.7       | 32.2      | .20        |           |           |           |           | .26        |           |
| 13:55 |           |           | .75        |           |           |           |           | .39        |           |
| 14:00 | 4.3       | 24.2      | -.21       |           |           |           |           | -.62       |           |
| 14:05 | 3.5       | 19.5      | -.71       |           |           |           |           | -.48       |           |
| 14:10 | 3.2       | 49.5      | .25        |           |           |           |           | .24        |           |
| 14:15 | 1.8       | 32.1      | .05        |           |           |           |           | -.09       |           |
| 14:20 | 2.7       | 21.0      | .59        |           |           |           |           | .65        |           |
| 14:25 | 2.8       | 61.2      | .07        |           |           |           |           | .16        |           |
| 14:30 | 3.4       | 14.5      | -.64       |           |           |           |           | -.29       |           |
| 14:35 | 4.3       | 56.6      | -.81       |           |           |           |           | -.94       |           |
| 14:40 | 2.5       | 40.2      | .26        | 3.6       | 53.9      |           |           | .46        |           |
| 14:45 |           |           | -.02       |           |           |           |           | -.36       |           |
| 14:50 |           |           | -.46       |           |           |           |           | -.33       |           |
| 14:55 | 3.0       | 32.9      | -.92       |           |           |           |           | -1.13      |           |
| 15:00 | 3.4       | 65.7      | .63        | 3.1       | 64.9      |           |           | .42        |           |
| 15:05 | 2.5       | 60.4      | .06        |           |           |           |           | -.11       |           |
| 15:10 | 3.8       | 32.5      | .09        |           |           |           |           | .17        |           |
| 15:15 | 3.5       | 32.2      | .26        |           |           |           |           | .17        |           |
| 15:20 | 2.6       | 31.6      | 1.12       | 2.1       | 45.7      |           |           | 1.24       |           |
| 15:25 | 2.9       | 30.9      | .37        | 1.9       | 31.1      |           |           | .39        |           |
| 15:30 | 2.7       | 36.1      | .94        | 3.7       | 55.3      |           |           | 1.02       |           |
| 15:35 | 2.0       | 53.8      | .93        |           |           |           |           | .84        |           |
| 15:40 | 1.5       | 25.0      | .29        | 2.1       | 12.8      |           |           | .46        |           |
| 15:45 | 2.2       | 74.6      | .05        | 2.9       | 65.3      |           |           | .10        |           |
| 15:50 | 1.5       | 85.2      | .32        | 1.6       | 78.5      | 1.1       | 91.9      | .25        |           |
| 15:55 | 2.2       | 50.3      | -.41       | 2.4       | 43.4      |           |           | -.32       |           |
| 16:00 | 2.0       | 32.1      | -.06       | 2.2       | 43.1      |           |           | -.11       |           |
| 16:05 | 2.1       | 56.3      | .37        | 2.3       | 52.9      |           |           | .41        |           |
| 16:10 | 3.2       | 75.8      | -.16       | 2.7       | 79.2      |           |           | -.34       |           |
| 16:15 | 2.8       | 62.8      | .09        |           |           |           |           | .02        |           |
| 16:20 | 2.2       | 79.7      | .37        |           |           |           |           | .40        |           |
| 16:25 | 2.1       | 77.8      | .43        |           |           |           |           | .45        |           |
| 16:30 | 2.0       | 85.9      | .26        |           |           |           |           | .28        |           |
| 16:35 | 1.6       | 134.1     | -.32       |           |           |           |           | -.20       |           |
| 16:40 | 1.1       | 95.7      | .08        |           |           |           |           | .11        |           |
| 16:45 |           |           | -.02       | 3.1       | 122.2     |           |           | -.02       |           |
| 16:50 | 2.3       | 144.5     | .29        |           |           |           |           | .24        |           |
| 16:55 | .9        | 179.7     | .14        |           |           |           |           | .23        |           |
| 17:00 |           |           | .22        |           |           |           |           | .12        |           |
| 17:05 | 2.1       | 143.7     | .13        |           |           |           |           | .05        |           |
| 17:10 | 2.4       | 129.0     | .06        |           |           |           |           | .21        |           |
| 17:15 | 2.5       | 122.6     | .21        |           |           |           |           | .20        |           |
| 17:20 | 2.1       | 124.4     | .21        | 2.1       | 138.5     |           |           | .17        |           |
| 17:25 | 2.0       | 126.0     | .16        |           |           |           |           | .18        |           |
| 17:30 | 3.0       | 93.1      | .36        |           |           |           |           | .31        |           |
| 17:35 | 2.4       | 102.8     | -.02       |           |           |           |           | -.01       |           |
| 17:40 | 2.1       | 116.6     | .06        | 3.3       | 104.5     |           |           | -.02       |           |
| 17:45 | 2.3       | 94.8      | .08        |           |           |           |           | .13        |           |
| 17:50 |           |           | -.01       |           |           |           |           | .08        |           |
| 17:55 | 1.7       | 88.1      | .03        |           |           |           |           | .06        |           |
| 18:00 | 2.7       | 92.9      | -.06       | 2.8       | 79.2      |           |           | .11        |           |
| 18:05 | 2.3       | 74.1      | -.02       |           |           |           |           | -.01       |           |
| 18:10 | 2.5       | 59.7      | .12        | 2.7       | 72.5      |           |           | .13        |           |

|       | 29_WS200m | 30_WD200m | 32_VWS200m | 33_WS220m | 34_WD220m | 36_WS240m | 37_WD240m | 38_VWS240m | 39_WS260m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|-----------|
| Time  | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | M/SEC     | DEG       | MPH        | M/SEC     |
| 18:15 | 3.0       | 69.3      | .17        | 1.6       | 58.9      |           |           | .14        |           |
| 18:20 | 3.0       | 68.5      | -.03       |           |           |           |           | .07        |           |
| 18:25 | 1.5       | 62.1      | -.19       |           |           |           |           | .05        |           |
| 18:30 | 1.6       | 65.0      | .02        |           |           |           |           | -.04       |           |
| 18:35 | 1.7       | 94.7      | .07        | 1.9       | 92.6      |           |           | .03        |           |
| 18:40 | 1.8       | 119.2     | -.05       | 1.8       | 126.1     |           |           | -.29       |           |
| 18:45 | 2.4       | 128.0     | .00        | 2.5       | 129.0     |           |           | -.01       |           |
| 18:50 | 2.5       | 128.8     | -.03       | 2.8       | 128.0     |           |           | -.04       |           |
| 18:55 | 2.7       | 116.7     | .19        | 2.7       | 119.1     |           |           | .10        |           |
| 19:00 | 3.3       | 117.5     | -.12       |           |           |           |           | -.12       |           |
| 19:05 |           |           | -.11       |           |           |           |           | -.16       |           |
| 19:10 | 2.1       | 131.1     | .03        | 2.2       | 132.0     |           |           | .03        |           |
| 19:15 | 1.7       | 117.7     | -.04       | 1.1       | 115.1     | .9        | 114.1     | -.01       |           |
| 19:20 | 1.4       | 144.5     | .22        | 1.4       | 138.5     |           |           | .26        |           |
| 19:25 | 1.3       | 223.8     | .16        | 1.8       | 185.7     |           |           | .26        |           |
| 19:30 | 3.0       | 276.8     | .52        | 3.2       | 278.9     | 3.6       | 278.6     | .55        |           |
| 19:35 | 3.4       | 291.3     | 1.12       | 2.8       | 299.9     | 2.8       | 311.5     | 1.09       |           |
| 19:40 | 3.5       | 308.7     | .81        | 3.5       | 311.5     | 3.4       | 314.4     | .92        | 3.7       |
| 19:45 | 3.9       | 310.5     | .28        | 3.6       | 320.9     |           |           | .32        |           |
| 19:50 | 4.5       | 293.2     | .13        | 4.2       | 293.5     |           |           | .05        |           |
| 19:55 | 4.5       | 293.4     | -.04       |           |           |           |           | -.09       |           |
| 20:00 | 4.3       | 338.9     | .11        | 4.6       | 340.2     |           |           | .16        |           |
| 20:05 | 4.4       | 348.1     | .03        | 3.6       | 350.3     |           |           | .13        |           |
| 20:10 | 4.5       | 358.1     | .06        | 4.9       | 348.7     |           |           | .12        |           |
| 20:15 | 4.2       | 340.5     | -.16       |           |           |           |           | -.17       |           |
| 20:20 | 3.8       | 343.2     | -.19       |           |           |           |           | -.08       |           |
| 20:25 | 3.4       | 350.1     | .07        |           |           |           |           | .14        |           |
| 20:30 | 3.7       | 341.2     | 1.85       | 4.0       | 350.4     | 4.2       | 357.1     | 2.19       | 4.0       |
| 20:35 | 4.0       | 352.2     | .91        | 4.0       | 355.4     | 4.2       | 357.1     | .98        |           |
| 20:40 |           |           | .33        |           |           |           |           | .30        |           |
| 20:45 | 3.3       | 274.7     | 1.32       | 4.6       | 276.5     | 4.1       | 271.4     | 1.70       |           |
| 20:50 | 3.5       | 262.6     | 2.22       | 4.1       | 267.7     |           |           | 2.20       |           |
| 20:55 |           |           | 2.08       |           |           |           |           | 2.94       |           |
| 21:00 |           |           |            |           |           |           |           |            |           |
| 21:05 | 3.1       | 285.7     | 2.78       | 3.4       | 289.9     | 2.9       | 301.1     | 2.80       |           |
| 21:10 | 3.0       | 297.7     | 3.54       | 3.1       | 304.8     | 3.5       | 300.9     | 3.25       | 3.7       |
| 21:15 | 2.3       | 337.1     | 3.04       | 2.7       | 340.8     | 3.0       | 343.6     | 3.09       | 3.4       |
| 21:20 | 2.1       | 306.4     | 1.73       | 2.3       | 316.1     | 2.4       | 322.0     | 1.80       | 2.4       |
| 21:25 | 2.3       | 280.7     | 1.04       | 2.2       | 285.1     | 2.5       | 287.4     | 1.11       | 2.4       |
| 21:30 | 3.0       | 274.1     | 1.53       | 3.3       | 279.3     | 3.5       | 284.7     | 1.52       | 3.2       |
| 21:35 | 4.3       | 263.2     | 3.68       | 4.4       | 266.7     | 4.4       | 271.3     | 3.80       | 4.4       |
| 21:40 | 4.3       | 264.8     | 3.73       | 4.3       | 267.7     | 4.4       | 268.9     | 3.76       | 4.4       |
| 21:45 | 4.5       | 282.9     | 3.52       | 4.6       | 284.0     | 4.9       | 285.9     | 3.53       | 5.1       |
| 21:50 | 4.1       | 288.7     | 3.33       | 4.2       | 291.9     | 4.4       | 296.0     | 3.28       | 4.7       |
| 21:55 | 3.9       | 313.7     | 3.33       | 4.2       | 316.9     | 4.3       | 318.8     | 3.36       | 4.3       |
| 22:00 | 4.2       | 295.6     | 3.54       | 4.6       | 297.3     | 4.8       | 300.2     | 3.42       | 5.0       |
| 22:05 | 4.4       | 299.6     | 3.37       | 4.4       | 300.2     | 4.6       | 303.3     | 3.30       | 4.8       |
| 22:10 | 3.8       | 331.3     | 3.63       | 3.7       | 334.7     | 3.8       | 337.3     | 3.70       | 4.0       |
| 22:15 | 3.6       | 325.3     | 3.21       | 3.8       | 329.9     | 4.1       | 334.1     | 3.12       | 3.9       |
| 22:20 | 4.3       | 325.2     | 2.66       | 4.7       | 328.5     | 4.9       | 328.4     | 2.72       | 5.5       |
| 22:25 | 5.4       | 331.7     | 3.32       | 6.1       | 331.9     | 6.7       | 332.4     | 3.30       | 6.7       |
| 22:30 | 5.9       | 347.9     | 3.56       | 6.8       | 348.7     | 7.0       | 350.5     | 3.63       | 6.7       |
| 22:35 | 3.4       | 5.4       | 3.46       | 4.5       | 4.7       | 4.8       | 1.1       | 3.14       | 4.6       |
| 22:40 | 4.1       | 29.2      | 2.93       | 4.4       | 25.3      | 4.9       | 24.7      | 2.95       | 4.5       |
| 22:45 | 4.3       | 36.8      | 3.20       | 4.4       | 41.4      | 4.2       | 44.6      | 3.15       | 4.2       |
| 22:50 | 4.4       | 50.6      | 3.05       | 4.4       | 48.4      | 4.1       | 52.2      | 2.98       | 4.4       |





## Daily Summary Report

Site: Lidar "Q" (PAM35)

3/8/2022

Interval: 005m

|       | 40_WD260m | 41_VWS260m | 42_WS280m | 43_WD280m | 44_VWS280m | 45_WS300m | 46_WD300m | 47_VWS300m | 48_WS320m |
|-------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|
| Time  | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     |
| 00:00 |           | .08        |           |           | .12        |           |           | .30        |           |
| 00:05 | 316.0     | .02        |           |           | -.03       |           |           | -.25       |           |
| 00:10 | 321.2     | .12        |           |           | .11        |           |           | .29        |           |
| 00:15 | 319.8     | .18        | 7.2       | 318.2     | .14        |           |           | .28        |           |
| 00:20 | 323.4     | -.15       |           |           | -.41       |           |           | -.13       |           |
| 00:25 | 325.8     | -.24       | 8.1       | 325.7     | -.42       |           |           | -.13       |           |
| 00:30 | 326.0     | -.13       |           |           | -.12       |           |           | -.44       |           |
| 00:35 | 325.3     | -.15       |           |           | -.18       |           |           | -.30       |           |
| 00:40 |           | -.20       |           |           | -.17       |           |           | -.10       |           |
| 00:45 | 328.6     | -.42       |           |           | -.16       |           |           | -.29       |           |
| 00:50 |           | -.19       |           |           | -.08       |           |           | -.31       |           |
| 00:55 | 332.8     | -.39       | 5.7       | 331.8     | -.25       |           |           | -.37       |           |
| 01:00 |           | -.11       |           |           | -.08       |           |           | -.08       |           |
| 01:05 | 330.1     | -.11       |           |           | -.12       |           |           | -.20       |           |
| 01:10 | 332.5     | -.22       |           |           | -.44       |           |           | -.32       |           |
| 01:15 |           | -.23       |           |           | -.02       |           |           | -.05       |           |
| 01:20 | 334.7     | -.16       | 6.5       | 333.7     | -.09       |           |           | -.18       |           |
| 01:25 | 340.1     | -.36       |           |           | -.19       |           |           | -.16       |           |
| 01:30 |           | -.21       |           |           | -.28       |           |           | -.05       |           |
| 01:35 | 337.2     | -.21       |           |           | -.32       |           |           | -.51       |           |
| 01:40 |           |            |           |           |            |           |           |            |           |
| 01:45 |           | -.07       |           |           | -.01       |           |           | -.03       |           |
| 01:50 |           | -.08       |           |           | -.25       |           |           | -.43       |           |
| 01:55 | 324.7     | -.15       |           |           | -.20       |           |           | -.37       |           |
| 02:00 |           | -.16       |           |           | -.05       |           |           | -1.21      |           |
| 02:05 |           | -.35       |           |           | -.23       |           |           |            |           |
| 02:10 |           | .17        |           |           | -.33       |           |           | -.78       |           |
| 02:15 |           | -.09       |           |           | -.42       |           |           | -.05       |           |
| 02:20 |           | .24        |           |           | -.96       |           |           |            |           |
| 02:25 |           | .14        |           |           | .57        |           |           | -.24       |           |
| 02:30 |           | .16        |           |           | .53        |           |           | -.25       |           |
| 02:35 |           | .18        |           |           | .07        |           |           |            |           |
| 02:40 |           | -.09       |           |           | .15        |           |           |            |           |
| 02:45 |           | -.09       |           |           |            |           |           |            |           |
| 02:50 |           | .41        |           |           | -.09       |           |           |            |           |
| 02:55 |           |            |           |           |            |           |           |            |           |
| 03:00 |           |            |           |           |            |           |           |            |           |
| 03:05 |           |            |           |           |            |           |           |            |           |
| 03:10 |           |            |           |           |            |           |           |            |           |
| 03:15 |           |            |           |           |            |           |           |            |           |
| 03:20 |           |            |           |           |            |           |           |            |           |
| 03:25 |           | -.75       |           |           |            |           |           | 1.83       |           |
| 03:30 |           | -.55       |           |           | 1.09       |           |           | -.43       |           |
| 03:35 |           | -.52       |           |           | -.41       |           |           | -3.88      |           |
| 03:40 |           | .49        |           |           | .38        |           |           | -.24       |           |
| 03:45 |           | -.40       |           |           | -.50       |           |           | .56        |           |
| 03:50 |           | -.39       |           |           | .13        |           |           | .87        |           |
| 03:55 |           | -.24       |           |           | .05        |           |           | 1.41       |           |
| 04:00 |           | -.12       |           |           | .65        |           |           |            |           |
| 04:05 |           | -.59       |           |           | -1.81      |           |           | -.74       |           |
| 04:10 |           | -.31       |           |           |            |           |           |            |           |

|       | 40_WD260m | 41_VWS260m | 42_WS280m | 43_WD280m | 44_VWS280m | 45_WS300m | 46_WD300m | 47_VWS300m | 48_WS320m |
|-------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|
| Time  | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     |
| 04:15 |           | -.74       |           |           | -.67       |           |           | -1.80      |           |
| 04:20 |           | -.61       |           |           | -.85       |           |           |            |           |
| 04:25 |           | -.66       |           |           | -1.11      |           |           | -1.01      |           |
| 04:30 |           | -.95       |           |           | -.89       |           |           | -.47       |           |
| 04:35 |           | -.33       |           |           | -.17       |           |           | -1.05      |           |
| 04:40 |           | -.21       |           |           | -.27       |           |           | -.71       |           |
| 04:45 |           | .23        |           |           | -.26       |           |           | .15        |           |
| 04:50 |           | -.18       |           |           | -.43       |           |           | .07        |           |
| 04:55 |           | .00        |           |           | -.04       |           |           |            |           |
| 05:00 |           | -.48       |           |           | -1.16      |           |           | .66        |           |
| 05:05 |           | .31        |           |           | -.01       |           |           | .32        |           |
| 05:10 |           | .14        |           |           | .13        |           |           | -1.42      |           |
| 05:15 |           | .56        |           |           | 1.41       |           |           |            |           |
| 05:20 |           | .12        |           |           | .84        |           |           | 2.36       |           |
| 05:25 |           | .00        |           |           |            |           |           |            |           |
| 05:30 |           | -.41       |           |           |            |           |           |            |           |
| 05:35 |           | .56        |           |           | -.80       |           |           |            |           |
| 05:40 |           | -.02       |           |           |            |           |           |            |           |
| 05:45 |           | .05        |           |           | -.19       |           |           | .25        |           |
| 05:50 |           | .53        |           |           |            |           |           |            |           |
| 05:55 |           |            |           |           |            |           |           |            |           |
| 06:00 |           | -.19       |           |           |            |           |           |            |           |
| 06:05 |           |            |           |           |            |           |           |            |           |
| 06:10 |           |            |           |           |            |           |           |            |           |
| 06:15 |           | -1.12      |           |           | -.50       |           |           |            |           |
| 06:20 |           | .59        |           |           |            |           |           |            |           |
| 06:25 |           |            |           |           |            |           |           |            |           |
| 06:30 |           |            |           |           |            |           |           |            |           |
| 06:35 |           |            |           |           |            |           |           |            |           |
| 06:40 |           |            |           |           |            |           |           |            |           |
| 06:45 |           |            |           |           |            |           |           |            |           |
| 06:50 |           |            |           |           | -.42       |           |           |            |           |
| 06:55 |           |            |           |           | .72        |           |           |            |           |
| 07:00 |           | -.95       |           |           |            |           |           |            |           |
| 07:05 |           |            |           |           |            |           |           |            |           |
| 07:10 |           | -.92       |           |           |            |           |           |            |           |
| 07:15 |           | 1.16       |           |           |            |           |           | -.58       |           |
| 07:20 |           | -1.46      |           |           | -2.78      |           |           |            |           |
| 07:25 |           |            |           |           |            |           |           |            |           |
| 07:30 |           |            |           |           |            |           |           |            |           |
| 07:35 |           |            |           |           |            |           |           |            |           |
| 07:40 |           |            |           |           |            |           |           |            |           |
| 07:45 |           |            |           |           |            |           |           |            |           |
| 07:50 |           | .33        |           |           |            |           |           |            |           |
| 07:55 |           | -.79       |           |           |            |           |           |            |           |
| 08:00 |           | -.46       |           |           | -.27       |           |           |            |           |
| 08:05 |           | -.91       |           |           |            |           |           |            |           |
| 08:10 |           |            |           |           |            |           |           |            |           |
| 08:15 |           |            |           |           |            |           |           |            |           |
| 08:20 |           | -.46       |           |           |            |           |           |            |           |
| 08:25 |           | .67        |           |           | -.42       |           |           |            |           |
| 08:30 |           | .91        |           |           | -.47       |           |           |            |           |
| 08:35 |           | .05        |           |           | -.73       |           |           |            |           |
| 08:40 |           | -.93       |           |           |            |           |           |            |           |
| 08:45 |           | 2.09       |           |           |            |           |           |            |           |
| 08:50 |           | .45        |           |           | -.57       |           |           | -.49       |           |

|       | 40_WD260m | 41_VWS260m | 42_WS280m | 43_WD280m | 44_VWS280m | 45_WS300m | 46_WD300m | 47_VWS300m | 48_WS320m |
|-------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|
| Time  | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     |
| 08:55 |           |            |           |           |            |           |           |            |           |
| 09:00 |           | -.98       |           |           | -1.03      |           |           | 1.10       |           |
| 09:05 |           | .00        |           |           |            |           |           | .93        |           |
| 09:10 |           | -.18       |           |           | .28        |           |           | 2.14       |           |
| 09:15 |           | .09        |           |           | -.12       |           |           |            |           |
| 09:20 |           | -.71       |           |           | -2.16      |           |           |            |           |
| 09:25 |           | -.29       |           |           | -.98       |           |           | 1.40       |           |
| 09:30 |           | -.60       |           |           | .67        |           |           |            |           |
| 09:35 |           | -.23       |           |           |            |           |           |            |           |
| 09:40 |           | .74        |           |           | -.17       |           |           |            |           |
| 09:45 |           | .77        |           |           |            |           |           | .99        |           |
| 09:50 |           | -.10       |           |           | .82        |           |           |            |           |
| 09:55 |           | .19        |           |           | .65        |           |           |            |           |
| 10:00 |           | -.42       |           |           | -.68       |           |           |            |           |
| 10:05 |           | -.01       |           |           |            |           |           |            |           |
| 10:10 |           |            |           |           |            |           |           |            |           |
| 10:15 |           | -1.56      |           |           |            |           |           |            |           |
| 10:20 |           | .84        |           |           |            |           |           |            |           |
| 10:25 |           |            |           |           |            |           |           |            |           |
| 10:30 |           |            |           |           |            |           |           |            |           |
| 10:35 |           |            |           |           |            |           |           |            |           |
| 10:40 |           |            |           |           |            |           |           |            |           |
| 10:45 |           |            |           |           |            |           |           |            |           |
| 10:50 |           |            |           |           |            |           |           |            |           |
| 10:55 |           |            |           |           |            |           |           |            |           |
| 11:00 |           |            |           |           |            |           |           |            |           |
| 11:05 |           |            |           |           |            |           |           |            |           |
| 11:10 |           |            |           |           | 1.27       |           |           |            |           |
| 11:15 |           |            |           |           |            |           |           |            |           |
| 11:20 |           | 1.77       |           |           | .07        |           |           |            |           |
| 11:25 |           | .21        |           |           |            |           |           |            |           |
| 11:30 |           | 1.39       |           |           | .31        |           |           |            |           |
| 11:35 |           | -1.15      |           |           | -.84       |           |           |            |           |
| 11:40 |           |            |           |           |            |           |           |            |           |
| 11:45 |           | -.27       |           |           | -.10       |           |           |            |           |
| 11:50 |           | 1.39       |           |           |            |           |           | 3.48       |           |
| 11:55 |           |            |           |           |            |           |           |            |           |
| 12:00 |           |            |           |           |            |           |           |            |           |
| 12:05 |           |            |           |           |            |           |           |            |           |
| 12:10 |           |            |           |           |            |           |           |            |           |
| 12:15 |           | .86        |           |           | -.96       |           |           |            |           |
| 12:20 |           | .29        |           |           | 2.40       |           |           |            |           |
| 12:25 |           | -.25       |           |           | -1.23      |           |           |            |           |
| 12:30 |           | -.01       |           |           |            |           |           |            |           |
| 12:35 |           | -.71       |           |           |            |           |           |            |           |
| 12:40 |           | 2.07       |           |           | 2.64       |           |           |            |           |
| 12:45 |           |            |           |           |            |           |           |            |           |
| 12:50 |           | 1.05       |           |           |            |           |           |            |           |
| 12:55 |           | -1.90      |           |           |            |           |           |            |           |
| 13:00 |           |            |           |           | -2.73      |           |           |            |           |
| 13:05 |           | .27        |           |           | .20        |           |           | -.27       |           |
| 13:10 |           |            |           |           |            |           |           |            |           |
| 13:15 |           | -1.27      |           |           |            |           |           |            |           |
| 13:20 |           | 2.42       |           |           | .56        |           |           |            |           |
| 13:25 |           | -1.06      |           |           |            |           |           |            |           |
| 13:30 |           | .75        |           |           |            |           |           |            |           |

|       | 40_WD260m | 41_VWS260m | 42_WS280m | 43_WD280m | 44_VWS280m | 45_WS300m | 46_WD300m | 47_VWS300m | 48_WS320m |
|-------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|
| Time  | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     |
| 13:35 |           | 1.60       |           |           |            |           |           |            |           |
| 13:40 |           | 1.56       |           |           | -4.97      |           |           | 1.24       |           |
| 13:45 |           | .39        |           |           | 1.13       |           |           |            |           |
| 13:50 |           |            |           |           |            |           |           |            |           |
| 13:55 |           | .70        |           |           |            |           |           | -43        |           |
| 14:00 |           | 1.21       |           |           |            |           |           |            |           |
| 14:05 |           | .14        |           |           | .39        |           |           | -95        |           |
| 14:10 |           |            |           |           | -73        |           |           |            |           |
| 14:15 |           | -.76       |           |           |            |           |           |            |           |
| 14:20 |           | .59        |           |           | -.21       |           |           | -1.50      |           |
| 14:25 |           | -.10       |           |           | 1.06       |           |           |            |           |
| 14:30 |           | -.26       |           |           |            |           |           |            |           |
| 14:35 |           | -1.07      |           |           | -1.41      |           |           |            |           |
| 14:40 |           | .52        |           |           | .43        |           |           |            |           |
| 14:45 |           |            |           |           | -.98       |           |           |            |           |
| 14:50 |           | -.38       |           |           |            |           |           |            |           |
| 14:55 |           | -1.33      |           |           | -1.64      |           |           |            |           |
| 15:00 |           | .97        |           |           | -.21       |           |           |            |           |
| 15:05 |           | .53        |           |           |            |           |           |            |           |
| 15:10 |           | .01        |           |           |            |           |           |            |           |
| 15:15 |           | 1.02       |           |           | -.99       |           |           | .74        |           |
| 15:20 |           | 1.04       |           |           |            |           |           |            |           |
| 15:25 |           | -.24       |           |           | -1.22      |           |           |            |           |
| 15:30 |           | .96        |           |           | -.23       |           |           |            |           |
| 15:35 |           | .85        |           |           |            |           |           |            |           |
| 15:40 |           | .47        |           |           | -.01       |           |           |            |           |
| 15:45 |           | -.02       |           |           | -.15       |           |           |            |           |
| 15:50 |           | .97        |           |           |            |           |           |            |           |
| 15:55 |           | -.44       |           |           |            |           |           |            |           |
| 16:00 |           | -.11       |           |           | -.10       |           |           | -.21       |           |
| 16:05 |           | .45        |           |           |            |           |           | .68        |           |
| 16:10 |           | -.66       |           |           |            |           |           | -.29       |           |
| 16:15 |           | -.35       |           |           |            |           |           |            |           |
| 16:20 |           | -.55       |           |           | .03        |           |           | 1.86       |           |
| 16:25 |           | .00        |           |           | 1.19       |           |           |            |           |
| 16:30 |           |            |           |           |            |           |           |            |           |
| 16:35 |           | -.17       |           |           |            |           |           |            |           |
| 16:40 |           | 1.04       |           |           |            |           |           |            |           |
| 16:45 |           | .43        |           |           | -.62       |           |           |            |           |
| 16:50 |           | .10        |           |           |            |           |           |            |           |
| 16:55 |           | .13        |           |           | .72        |           |           | 1.24       |           |
| 17:00 |           | -.05       |           |           | .91        |           |           | -.26       |           |
| 17:05 |           | 1.20       |           |           | 1.70       |           |           |            |           |
| 17:10 |           | .31        |           |           |            |           |           |            |           |
| 17:15 |           | .32        |           |           | .48        |           |           |            |           |
| 17:20 |           | 1.05       |           |           | -.19       |           |           |            |           |
| 17:25 |           | -.37       |           |           | .87        |           |           | 1.85       |           |
| 17:30 |           | .22        |           |           | .68        |           |           | -.29       |           |
| 17:35 |           | -.31       |           |           | -.14       |           |           | -.78       |           |
| 17:40 |           | -.43       |           |           | -.39       |           |           |            |           |
| 17:45 |           | .01        |           |           | -.19       |           |           | -.53       |           |
| 17:50 |           | -.06       |           |           | .30        |           |           | .27        |           |
| 17:55 |           | .58        |           |           | -1.48      |           |           | -.36       |           |
| 18:00 |           | -.24       |           |           |            |           |           |            |           |
| 18:05 |           | -.76       |           |           | .74        |           |           | -.82       |           |
| 18:10 |           | -.23       |           |           |            |           |           |            |           |

|       | 40_WD260m | 41_VWS260m | 42_WS280m | 43_WD280m | 44_VWS280m | 45_WS300m | 46_WD300m | 47_VWS300m | 48_WS320m |
|-------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|
| Time  | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     |
| 18:15 |           | -.04       |           |           | -.26       |           |           |            |           |
| 18:20 |           | -.01       |           |           | -.50       |           |           |            |           |
| 18:25 |           | .04        |           |           | -.25       |           |           |            |           |
| 18:30 |           | -.43       |           |           | .84        |           |           |            |           |
| 18:35 |           | -.01       |           |           | .33        |           |           | -.79       |           |
| 18:40 |           | -.21       |           |           | 1.90       |           |           |            |           |
| 18:45 |           | .03        |           |           | .26        |           |           | -.08       |           |
| 18:50 |           | .12        |           |           | -.02       |           |           |            |           |
| 18:55 |           | 1.06       |           |           | 1.18       |           |           | .47        |           |
| 19:00 |           | .32        |           |           |            |           |           |            |           |
| 19:05 |           | -.31       |           |           | -.03       |           |           |            |           |
| 19:10 |           | -.03       |           |           | 1.58       |           |           |            |           |
| 19:15 |           | .45        |           |           | -1.38      |           |           |            |           |
| 19:20 |           | -.52       |           |           |            |           |           |            |           |
| 19:25 |           | .33        |           |           | -.27       |           |           |            |           |
| 19:30 |           | .52        |           |           | .52        |           |           | .63        |           |
| 19:35 |           | 1.80       |           |           | 2.26       |           |           | .83        |           |
| 19:40 | 319.5     | .72        |           |           | .10        |           |           | .56        |           |
| 19:45 |           | -.32       |           |           |            |           |           | 1.23       |           |
| 19:50 |           | -.01       |           |           |            |           |           |            |           |
| 19:55 |           | .36        |           |           |            |           |           | -.85       |           |
| 20:00 |           | .14        |           |           | -1.49      |           |           |            |           |
| 20:05 |           | .03        |           |           |            |           |           |            |           |
| 20:10 |           | .08        |           |           | .00        |           |           |            |           |
| 20:15 |           | -.14       |           |           |            |           |           |            |           |
| 20:20 |           | .05        |           |           |            |           |           |            |           |
| 20:25 |           | -1.21      |           |           |            |           |           | .06        |           |
| 20:30 | 6.8       | 2.49       |           |           | 2.90       |           |           | 2.87       |           |
| 20:35 |           | 1.09       |           |           | 1.06       |           |           | 1.01       |           |
| 20:40 |           | -.62       |           |           | 3.77       |           |           |            |           |
| 20:45 |           | 1.83       |           |           | 2.36       |           |           |            |           |
| 20:50 |           | 3.38       |           |           |            |           |           |            |           |
| 20:55 |           | 4.27       |           |           | 4.37       |           |           | 5.00       |           |
| 21:00 |           |            |           |           |            |           |           |            |           |
| 21:05 |           | 2.71       |           |           | 2.57       |           |           | 2.77       |           |
| 21:10 | 305.5     | 3.69       | 4.1       | 308.7     | 3.82       | 4.3       | 302.9     | 3.62       | 4.2       |
| 21:15 | 341.0     | 3.21       | 3.2       | 342.0     | 2.97       | 3.3       | 342.0     | 3.03       |           |
| 21:20 | 322.4     | 1.80       | 2.6       | 327.7     | 1.79       | 2.8       | 326.4     | 2.09       | 3.0       |
| 21:25 | 294.8     | 1.04       | 2.4       | 294.6     | .90        | 2.4       | 308.1     | 1.10       | 3.1       |
| 21:30 | 286.8     | 1.66       | 3.9       | 287.9     | 1.62       |           |           | 1.47       |           |
| 21:35 | 274.2     | 3.86       | 4.2       | 280.9     | 3.78       | 4.2       | 284.8     | 3.84       | 4.1       |
| 21:40 | 272.7     | 3.77       | 4.3       | 272.8     | 3.75       | 4.4       | 275.1     | 3.87       | 4.2       |
| 21:45 | 289.0     | 3.50       | 5.3       | 292.0     | 3.48       | 5.5       | 292.8     | 3.44       | 5.3       |
| 21:50 | 296.2     | 3.28       | 4.7       | 295.3     | 3.33       | 4.5       | 296.9     | 3.26       | 4.3       |
| 21:55 | 320.7     | 3.41       | 4.0       | 320.8     | 3.46       | 3.6       | 319.7     | 3.36       | 3.3       |
| 22:00 | 301.1     | 3.50       | 5.2       | 304.6     | 3.37       | 5.0       | 307.9     | 3.50       | 4.8       |
| 22:05 | 307.5     | 3.31       | 4.9       | 308.2     | 3.32       | 5.0       | 313.6     | 3.31       | 4.5       |
| 22:10 | 339.9     | 3.79       | 3.8       | 342.0     | 3.82       | 3.9       | 339.7     | 3.85       | 3.9       |
| 22:15 | 333.7     | 3.12       | 3.8       | 339.7     | 3.05       | 3.6       | 343.2     | 3.03       | 3.3       |
| 22:20 | 331.6     | 2.83       | 5.9       | 330.3     | 2.78       | 6.4       | 330.1     | 2.85       | 5.9       |
| 22:25 | 333.1     | 3.47       | 6.6       | 335.8     | 3.55       | 6.6       | 333.7     | 3.35       | 6.5       |
| 22:30 | 352.4     | 3.78       | 6.7       | 351.4     | 3.76       | 6.2       | 354.1     | 3.90       | 6.2       |
| 22:35 | 2.2       | 3.40       | 4.6       | 4.3       | 3.38       | 4.2       | 4.7       | 3.40       | 4.1       |
| 22:40 | 28.2      | 3.08       | 4.2       | 29.5      | 3.15       | 4.0       | 32.6      | 3.35       | 3.8       |
| 22:45 | 47.2      | 3.14       | 4.1       | 45.3      | 3.20       | 3.5       | 46.5      | 3.27       | 3.6       |
| 22:50 | 56.3      | 3.23       | 4.0       | 55.6      | 3.17       | 3.7       | 56.3      | 3.12       | 3.7       |



## Daily Summary Report

Site: Lidar "Q" (PAM35)

3/8/2022

Interval: 005m

|       | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | DEG       | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 00:00 |           |           |           |           |           |           |           |
| 00:05 |           |           |           |           |           |           |           |
| 00:10 |           |           |           |           |           |           |           |
| 00:15 |           |           |           |           |           |           |           |
| 00:20 |           |           |           |           |           |           |           |
| 00:25 |           |           |           |           |           |           |           |
| 00:30 |           |           |           |           |           |           |           |
| 00:35 |           |           |           |           |           |           |           |
| 00:40 |           |           |           |           |           |           |           |
| 00:45 |           |           |           |           |           |           |           |
| 00:50 |           |           |           |           |           |           |           |
| 00:55 |           |           |           |           |           |           |           |
| 01:00 |           |           |           |           |           |           |           |
| 01:05 |           |           |           |           |           |           |           |
| 01:10 |           |           |           |           |           |           |           |
| 01:15 |           |           |           |           |           |           |           |
| 01:20 |           |           |           |           |           |           |           |
| 01:25 |           |           |           |           |           |           |           |
| 01:30 |           |           |           |           |           |           |           |
| 01:35 |           |           |           |           |           |           |           |
| 01:40 |           |           |           |           |           |           |           |
| 01:45 |           |           |           |           |           |           |           |
| 01:50 |           |           |           |           |           |           |           |
| 01:55 |           |           |           |           |           |           |           |
| 02:00 |           |           |           |           |           |           |           |
| 02:05 |           |           |           |           |           |           |           |
| 02:10 |           |           |           |           |           |           |           |
| 02:15 |           |           |           |           |           |           |           |
| 02:20 |           |           |           |           |           |           |           |
| 02:25 |           |           |           |           |           |           |           |
| 02:30 |           |           |           |           |           |           |           |
| 02:35 |           |           |           |           |           |           |           |
| 02:40 |           |           |           |           |           |           |           |
| 02:45 |           |           |           |           |           |           |           |
| 02:50 |           |           |           |           |           |           |           |
| 02:55 |           |           |           |           |           |           |           |
| 03:00 |           |           |           |           |           |           |           |
| 03:05 |           |           |           |           |           |           |           |
| 03:10 |           |           |           |           |           |           |           |
| 03:15 |           |           |           |           |           |           |           |
| 03:20 |           |           |           |           |           |           |           |
| 03:25 |           |           |           |           |           |           |           |
| 03:30 |           |           |           |           |           |           |           |
| 03:35 |           |           |           |           |           |           |           |
| 03:40 |           |           |           |           |           |           |           |
| 03:45 |           |           |           |           |           |           |           |
| 03:50 |           |           |           |           |           |           |           |
| 03:55 |           |           |           |           |           |           |           |
| 04:00 |           |           |           |           |           |           |           |
| 04:05 |           |           |           |           |           |           |           |
| 04:10 |           |           |           |           |           |           |           |

|       | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | DEG       | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 04:15 |           |           |           |           |           |           |           |
| 04:20 |           |           |           |           |           |           |           |
| 04:25 |           |           |           |           |           |           |           |
| 04:30 |           |           |           |           |           |           |           |
| 04:35 |           |           |           |           |           |           |           |
| 04:40 |           |           |           |           |           |           |           |
| 04:45 |           |           |           |           |           |           |           |
| 04:50 |           |           |           |           |           |           |           |
| 04:55 |           |           |           |           |           |           |           |
| 05:00 |           |           |           |           |           |           |           |
| 05:05 |           |           |           |           |           |           |           |
| 05:10 |           |           |           |           |           |           |           |
| 05:15 |           |           |           |           |           |           |           |
| 05:20 |           |           |           |           |           |           |           |
| 05:25 |           |           |           |           |           |           |           |
| 05:30 |           |           |           |           |           |           |           |
| 05:35 |           |           |           |           |           |           |           |
| 05:40 |           |           |           |           |           |           |           |
| 05:45 |           |           |           |           |           |           |           |
| 05:50 |           |           |           |           |           |           |           |
| 05:55 |           |           |           |           |           |           |           |
| 06:00 |           |           |           |           |           |           |           |
| 06:05 |           |           |           |           |           |           |           |
| 06:10 |           |           |           |           |           |           |           |
| 06:15 |           |           |           |           |           |           |           |
| 06:20 |           |           |           |           |           |           |           |
| 06:25 |           |           |           |           |           |           |           |
| 06:30 |           |           |           |           |           |           |           |
| 06:35 |           |           |           |           |           |           |           |
| 06:40 |           |           |           |           |           |           |           |
| 06:45 |           |           |           |           |           |           |           |
| 06:50 |           |           |           |           |           |           |           |
| 06:55 |           |           |           |           |           |           |           |
| 07:00 |           |           |           |           |           |           |           |
| 07:05 |           |           |           |           |           |           |           |
| 07:10 |           |           |           |           |           |           |           |
| 07:15 |           |           |           |           |           |           |           |
| 07:20 |           |           |           |           |           |           |           |
| 07:25 |           |           |           |           |           |           |           |
| 07:30 |           |           |           |           |           |           |           |
| 07:35 |           |           |           |           |           |           |           |
| 07:40 |           |           |           |           |           |           |           |
| 07:45 |           |           |           |           |           |           |           |
| 07:50 |           |           |           |           |           |           |           |
| 07:55 |           |           |           |           |           |           |           |
| 08:00 |           |           |           |           |           |           |           |
| 08:05 |           |           |           |           |           |           |           |
| 08:10 |           |           |           |           |           |           |           |
| 08:15 |           |           |           |           |           |           |           |
| 08:20 |           |           |           |           |           |           |           |
| 08:25 |           |           |           |           |           |           |           |
| 08:30 |           |           |           |           |           |           |           |
| 08:35 |           |           |           |           |           |           |           |
| 08:40 |           |           |           |           |           |           |           |
| 08:45 |           |           |           |           |           |           |           |
| 08:50 |           |           |           |           |           |           |           |



|       | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | DEG       | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 08:55 |           |           |           |           |           |           |           |
| 09:00 |           |           |           |           |           |           |           |
| 09:05 |           |           |           |           |           |           |           |
| 09:10 |           |           |           |           |           |           |           |
| 09:15 |           |           |           |           |           |           |           |
| 09:20 |           |           |           |           |           |           |           |
| 09:25 |           |           |           |           |           |           |           |
| 09:30 |           |           |           |           |           |           |           |
| 09:35 |           |           |           |           |           |           |           |
| 09:40 |           |           |           |           |           |           |           |
| 09:45 |           |           |           |           |           |           |           |
| 09:50 |           |           |           |           |           |           |           |
| 09:55 |           |           |           |           |           |           |           |
| 10:00 |           |           |           |           |           |           |           |
| 10:05 |           |           |           |           |           |           |           |
| 10:10 |           |           |           |           |           |           |           |
| 10:15 |           |           |           |           |           |           |           |
| 10:20 |           |           |           |           |           |           |           |
| 10:25 |           |           |           |           |           |           |           |
| 10:30 |           |           |           |           |           |           |           |
| 10:35 |           |           |           |           |           |           |           |
| 10:40 |           |           |           |           |           |           |           |
| 10:45 |           |           |           |           |           |           |           |
| 10:50 |           |           |           |           |           |           |           |
| 10:55 |           |           |           |           |           |           |           |
| 11:00 |           |           |           |           |           |           |           |
| 11:05 |           |           |           |           |           |           |           |
| 11:10 |           |           |           |           |           |           |           |
| 11:15 |           |           |           |           |           |           |           |
| 11:20 |           |           |           |           |           |           |           |
| 11:25 |           |           |           |           |           |           |           |
| 11:30 |           |           |           |           |           |           |           |
| 11:35 |           |           |           |           |           |           |           |
| 11:40 |           |           |           |           |           |           |           |
| 11:45 |           |           |           |           |           |           |           |
| 11:50 |           |           |           |           |           |           |           |
| 11:55 |           |           |           |           |           |           |           |
| 12:00 |           |           |           |           |           |           |           |
| 12:05 |           |           |           |           |           |           |           |
| 12:10 |           |           |           |           |           |           |           |
| 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 |           |           |           |           |           |           |           |

|       | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | DEG       | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 13:35 |           |           |           |           |           |           |           |
| 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 |           |           |           |           |           |           |           |

|       | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | DEG       | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 18:15 |           |           |           |           |           |           |           |
| 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 |           |           |           |           |           |           |           |
| 19:30 |           |           |           |           |           |           |           |
| 19:35 |           |           |           |           |           |           |           |
| 19:40 |           |           |           |           |           |           |           |
| 19:45 |           |           |           |           |           |           |           |
| 19:50 |           |           |           |           |           |           |           |
| 19:55 |           |           |           |           |           |           |           |
| 20:00 |           |           |           |           |           |           |           |
| 20:05 |           |           |           |           |           |           |           |
| 20:10 |           |           |           |           |           |           |           |
| 20:15 |           |           |           |           |           |           |           |
| 20:20 |           |           |           |           |           |           |           |
| 20:25 |           |           |           |           |           |           |           |
| 20:30 |           |           |           |           |           |           |           |
| 20:35 |           |           |           |           |           |           |           |
| 20:40 |           |           |           |           |           |           |           |
| 20:45 |           |           |           |           |           |           |           |
| 20:50 |           |           |           |           |           |           |           |
| 20:55 |           |           |           |           |           |           |           |
| 21:00 |           |           |           |           |           |           |           |
| 21:05 |           |           |           |           |           |           |           |
| 21:10 | 309.1     | 4.1       | 307.7     | 5.4       | 308.3     |           |           |
| 21:15 |           |           |           |           |           |           |           |
| 21:20 | 335.6     |           |           |           |           |           |           |
| 21:25 | 295.7     |           |           |           |           |           |           |
| 21:30 |           |           |           |           |           |           |           |
| 21:35 | 281.2     | 4.0       | 284.3     | 4.8       | 277.2     |           |           |
| 21:40 | 274.8     | 4.9       | 279.6     | 4.4       | 274.3     |           |           |
| 21:45 | 293.1     | 5.4       | 291.7     | 4.6       | 291.7     |           |           |
| 21:50 | 292.8     | 4.7       | 293.1     | 4.0       | 294.0     |           |           |
| 21:55 | 318.0     | 3.1       | 320.0     | 3.4       | 319.3     |           |           |
| 22:00 | 307.4     | 4.8       | 304.6     | 5.0       | 305.3     |           |           |
| 22:05 | 310.1     | 4.3       | 306.1     | 4.2       | 314.3     |           |           |
| 22:10 | 336.4     | 2.8       | 342.0     |           |           |           |           |
| 22:15 | 345.5     | 2.9       | 346.9     | 3.1       | 349.8     |           |           |
| 22:20 | 330.6     | 5.5       | 327.3     | 5.4       | 330.7     |           |           |
| 22:25 | 334.4     | 6.2       | 332.3     | 5.8       | 334.4     |           |           |
| 22:30 | 351.9     | 6.0       | 353.6     | 5.3       | 345.6     |           |           |
| 22:35 | 2.1       | 4.1       | 2.2       | 4.9       | 353.9     |           |           |
| 22:40 | 32.3      | 3.4       | 30.6      | 3.0       | 36.9      |           |           |
| 22:45 | 44.3      | 2.7       | 40.7      | 3.5       | 38.9      |           |           |
| 22:50 | 59.2      | 3.3       | 49.7      | 3.9       | 48.3      |           |           |

|                 | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time            | DEG       | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 22:55           | 91.7      | 3.5       | 91.3      | 3.9       | 93.0      |           |           |
| 23:00           | 96.8      | 3.8       | 97.4      | 4.1       | 102.6     |           |           |
| 23:05           | 89.0      | 3.4       | 92.2      | 4.8       | 89.7      |           |           |
| 23:10           | 96.9      | 4.0       | 95.7      | 4.2       | 88.7      |           |           |
| 23:15           | 111.8     | 4.8       | 110.0     | 4.2       | 114.0     |           |           |
| 23:20           | 118.1     | 3.4       | 119.1     |           |           |           |           |
| 23:25           | 127.7     | 2.0       | 126.5     | 1.7       | 120.2     |           |           |
| 23:30           | 127.5     | 1.5       | 112.6     | 2.0       | 95.7      |           |           |
| 23:35           | 122.3     |           |           | 5.3       | 126.8     |           |           |
| 23:40           | 113.2     | 7.4       | 113.3     | 6.7       | 116.2     |           |           |
| 23:45           | 104.2     | 6.4       | 103.9     | 6.5       | 102.7     |           |           |
| 23:50           | 99.8      | 7.1       | 97.7      | 6.7       | 97.5      |           |           |
| 23:55           | 108.6     | 7.5       | 108.8     | 8.0       | 105.7     |           |           |
| <b>Average</b>  | 195.7     | 4.4       | 189.0     | 4.6       | 195.6     |           |           |
| <b>Max</b>      | 351.9     | 7.5       | 353.6     | 8.0       | 353.9     |           |           |
| <b>Max Hour</b> | 22:30     | 23:55     | 22:30     | 23:55     | 22:35     |           |           |
| <b>Min</b>      | 2.1       | 1.5       | 2.2       | 1.7       | 36.9      |           |           |
| <b>Count</b>    | 32        | 29        | 29        | 28        | 28        | 0         | 0         |
| <b>Total</b>    |           |           |           |           |           |           |           |