

## Daily Summary Report

Site: Lidar "Q" (PAM35)

4/3/2022

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 | 8.1           | 989.00     | 83.0       | 1.4       | 261.8     | -.02       | 2.6       | 278.7     | .01        |
| 00:05 | 8.1           | 989.00     | 83.0       | 1.0       | 251.4     | -.05       | 2.5       | 277.9     | -.04       |
| 00:10 | 8.2           | 989.00     | 83.0       | .6        | 214.9     | -.04       | 1.8       | 280.7     | -.08       |
| 00:15 | 8.2           | 989.00     | 83.0       | .5        | 173.8     | .00        | 1.1       | 290.4     | -.02       |
| 00:20 | 8.1           | 989.00     | 82.0       | .5        | 211.8     | -.01       | 1.5       | 289.7     | .00        |
| 00:25 | 8.1           | 989.00     | 82.0       | .9        | 209.9     | -.02       | 1.0       | 264.9     | -.04       |
| 00:30 | 8.0           | 989.00     | 81.0       | .6        | 220.1     | .04        | .9        | 265.1     | .03        |
| 00:35 | 8.0           | 989.00     | 81.0       | .9        | 219.2     | -.04       | 1.3       | 249.1     | -.05       |
| 00:40 | 7.9           | 989.00     | 82.0       | .5        | 215.2     | .01        | 1.2       | 236.1     | .02        |
| 00:45 | 7.9           | 989.00     | 82.0       | .6        | 206.3     | .04        | 1.2       | 233.0     | .07        |
| 00:50 | 7.8           | 989.00     | 82.0       | .8        | 163.3     | .00        | 1.3       | 218.6     | .03        |
| 00:55 | 7.8           | 989.00     | 82.0       | .9        | 174.0     | .03        | 1.2       | 206.7     | .06        |
| 01:00 | 7.6           | 988.00     | 84.0       | 1.1       | 156.0     | .05        | 1.2       | 196.4     | .01        |
| 01:05 | 7.6           | 988.00     | 84.0       | 1.2       | 166.8     | .05        | 1.3       | 202.6     | .04        |
| 01:10 | 7.4           | 988.00     | 84.0       | 1.4       | 178.2     | .03        | 1.4       | 205.9     | .03        |
| 01:15 | 7.4           | 988.00     | 84.0       | 1.5       | 183.1     | .01        | 1.7       | 210.1     | .03        |
| 01:20 | 7.2           | 988.00     | 86.0       | 1.2       | 182.0     | -.01       | 1.7       | 212.2     | -.02       |
| 01:25 | 7.2           | 988.00     | 86.0       | 1.2       | 180.5     | .02        | 1.7       | 205.1     | .01        |
| 01:30 | 7.2           | 988.00     | 88.0       | 1.2       | 185.7     | -.03       | 1.8       | 212.5     | .02        |
| 01:35 | 7.2           | 988.00     | 88.0       | 1.3       | 190.6     | -.03       | 1.8       | 213.2     | -.06       |
| 01:40 | 7.3           | 988.00     | 87.0       | 1.1       | 217.6     | .08        | 2.0       | 219.1     | .02        |
| 01:45 | 7.3           | 988.00     | 87.0       | .9        | 224.7     | .04        | 1.7       | 222.6     | .01        |
| 01:50 | 7.4           | 988.00     | 87.0       | 1.1       | 228.4     | .05        | 2.1       | 229.5     | .01        |
| 01:55 | 7.4           | 988.00     | 87.0       | 1.1       | 250.9     | .03        | 1.7       | 234.8     | .01        |
| 02:00 | 7.5           | 988.00     | 87.0       | .9        | 262.5     | -.02       | 1.2       | 240.8     | -.05       |
| 02:05 | 7.5           | 988.00     | 87.0       | .8        | 260.0     | -.02       | 1.2       | 241.0     | -.03       |
| 02:10 | 7.6           | 988.00     | 86.0       | 1.0       | 287.2     | .04        | 1.6       | 266.4     | .03        |
| 02:15 | 7.6           | 988.00     | 86.0       | .8        | 269.8     | -.03       | 1.7       | 264.8     | -.05       |
| 02:20 | 7.7           | 988.00     | 85.0       | 1.1       | 278.7     | .03        | 2.1       | 267.9     | .06        |
| 02:25 | 7.7           | 988.00     | 85.0       | .8        | 291.4     | .04        | 1.9       | 270.9     | .02        |
| 02:30 | 7.7           | 988.00     | 84.0       | .8        | 319.2     | .03        | 2.0       | 271.5     | .05        |
| 02:35 | 7.7           | 988.00     | 84.0       | .7        | 350.4     | .01        | 1.6       | 278.1     | .02        |
| 02:40 | 7.6           | 988.00     | 84.0       | .6        | 359.6     | .01        | 1.4       | 274.1     | .01        |
| 02:45 | 7.6           | 988.00     | 84.0       | .7        | 324.6     | .03        | 1.5       | 275.2     | .03        |
| 02:50 | 7.4           | 988.00     | 84.0       | .6        | 315.6     | .00        | 1.5       | 275.3     | .02        |
| 02:55 | 7.4           | 988.00     | 84.0       | .6        | 334.6     | -.02       | 1.4       | 286.7     | .02        |
| 03:00 | 7.3           | 988.00     | 84.0       | .6        | 347.1     | .04        | 1.3       | 293.0     | .04        |
| 03:05 | 7.3           | 988.00     | 84.0       | .4        | 212.6     | -.01       | 1.1       | 271.6     | .00        |
| 03:10 | 7.2           | 988.00     | 86.0       | .8        | 248.6     | .10        | 1.2       | 267.9     | .04        |
| 03:15 | 7.2           | 988.00     | 86.0       | 1.3       | 266.7     | .00        | 1.3       | 266.4     | -.03       |
| 03:20 | 7.2           | 988.00     | 87.0       | 1.0       | 297.6     | .00        | 1.4       | 295.7     | .03        |
| 03:25 | 7.2           | 988.00     | 87.0       | 1.6       | 313.6     | -.09       | 2.2       | 309.4     | -.07       |
| 03:30 | 7.3           | 988.00     | 87.0       | 1.7       | 300.6     | -.11       | 2.8       | 287.6     | -.11       |
| 03:35 | 7.3           | 988.00     | 87.0       | 1.2       | 298.3     | -.01       | 2.4       | 287.6     | -.02       |
| 03:40 | 7.2           | 988.00     | 87.0       | 1.0       | 263.0     | .03        | 2.3       | 282.0     | .04        |
| 03:45 | 7.2           | 988.00     | 87.0       | 1.7       | 248.0     | .04        | 2.4       | 272.3     | .04        |
| 03:50 | 6.9           | 988.00     | 88.0       | 1.6       | 253.3     | .00        | 2.6       | 270.3     | .01        |
| 03:55 | 6.9           | 988.00     | 88.0       | 1.5       | 272.0     | .07        | 2.7       | 274.2     | .03        |
| 04:00 | 6.7           | 988.00     | 88.0       | 1.9       | 271.6     | .04        | 2.8       | 279.9     | .09        |
| 04:05 | 6.7           | 988.00     | 88.0       | 2.5       | 285.1     | -.04       | 3.8       | 293.6     | -.01       |
| 04:10 | 6.5           | 988.00     | 88.0       | 2.8       | 289.0     | -.08       | 4.1       | 296.5     | -.09       |

|       | 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 | 6.5           | 988.00     | 88.0       | 2.1       | 287.3     | -.06       | 3.5       | 298.0     | -.05       |
| 04:20 | 6.4           | 988.00     | 89.0       | 2.5       | 272.4     | .07        | 3.6       | 289.7     | .06        |
| 04:25 | 6.4           | 988.00     | 89.0       | 3.1       | 279.3     | .14        | 4.3       | 289.5     | .14        |
| 04:30 | 6.3           | 988.00     | 89.0       | 3.0       | 289.4     | .11        | 3.9       | 297.2     | .09        |
| 04:35 | 6.3           | 988.00     | 89.0       | 3.3       | 298.2     | -.01       | 4.4       | 304.4     | -.02       |
| 04:40 | 6.6           | 988.00     | 83.0       | 3.7       | 304.4     | .06        | 5.0       | 304.6     | .04        |
| 04:45 | 6.6           | 988.00     | 83.0       | 3.9       | 300.9     | .00        | 5.3       | 304.2     | .08        |
| 04:50 | 8.1           | 988.00     | 71.0       | 3.6       | 306.9     | -.16       | 4.9       | 307.1     | -.05       |
| 04:55 | 8.1           | 988.00     | 71.0       | 4.3       | 312.1     | .10        | 5.3       | 316.2     | .22        |
| 05:00 | 9.3           | 988.00     | 64.0       | 4.0       | 318.4     | .11        | 5.3       | 317.6     | .08        |
| 05:05 | 9.3           | 988.00     | 64.0       | 4.5       | 323.1     | -.06       | 5.8       | 318.1     | .15        |
| 05:10 | 9.6           | 988.00     | 64.0       | 3.8       | 319.9     | .04        | 5.0       | 317.0     | .11        |
| 05:15 | 9.6           | 988.00     | 64.0       | 3.6       | 315.2     | .01        | 4.8       | 315.8     | .01        |
| 05:20 | 9.8           | 988.00     | 63.0       | 3.2       | 320.1     | .00        | 4.7       | 314.3     | .06        |
| 05:25 | 9.8           | 988.00     | 63.0       | 3.4       | 323.8     | .03        | 4.7       | 319.5     | .01        |
| 05:30 | 9.6           | 988.00     | 64.0       | 4.0       | 311.0     | .26        | 5.7       | 309.0     | .18        |
| 05:35 | 9.6           | 988.00     | 64.0       | 4.3       | 317.0     | -.02       | 5.6       | 312.6     | .01        |
| 05:40 | 9.5           | 988.00     | 64.0       | 5.3       | 323.2     | .33        | 6.8       | 312.7     | .19        |
| 05:45 | 9.5           | 988.00     | 64.0       | 3.9       | 320.8     | -.01       | 5.3       | 317.7     | -.06       |
| 05:50 | 9.3           | 989.00     | 63.0       | 3.5       | 313.9     | .01        | 4.6       | 309.0     | -.05       |
| 05:55 | 9.3           | 989.00     | 63.0       | 4.0       | 308.8     | .19        | 5.2       | 310.0     | .19        |
| 06:00 | 9.2           | 989.00     | 62.0       | 3.7       | 310.2     | .04        | 4.5       | 312.9     | .02        |
| 06:05 | 9.2           | 989.00     | 62.0       | 3.1       | 312.5     | .01        | 4.3       | 311.1     | .02        |
| 06:10 | 8.9           | 989.00     | 63.0       | 3.6       | 310.0     | .00        | 4.6       | 307.2     | -.07       |
| 06:15 | 8.9           | 989.00     | 63.0       | 3.3       | 323.5     | .04        | 4.6       | 309.2     | .01        |
| 06:20 | 8.8           | 989.00     | 64.0       | 3.6       | 314.5     | .09        | 4.3       | 313.7     | .05        |
| 06:25 | 8.8           | 989.00     | 64.0       | 3.5       | 303.9     | .20        | 4.3       | 306.8     | .11        |
| 06:30 | 8.6           | 989.00     | 65.0       | 3.1       | 305.6     | .02        | 3.8       | 302.3     | -.05       |
| 06:35 | 8.6           | 989.00     | 65.0       | 3.1       | 311.6     | .02        | 4.1       | 312.7     | .04        |
| 06:40 | 8.5           | 989.00     | 66.0       | 3.9       | 316.6     | .27        | 5.0       | 312.7     | .27        |
| 06:45 | 8.5           | 989.00     | 66.0       | 3.6       | 309.5     | .07        | 4.1       | 314.8     | .02        |
| 06:50 | 8.3           | 989.00     | 67.0       | 3.6       | 323.1     | -.06       | 4.6       | 318.4     | -.04       |
| 06:55 | 8.3           | 989.00     | 67.0       | 3.0       | 311.9     | .03        | 4.5       | 314.7     | .05        |
| 07:00 | 8.1           | 989.00     | 68.0       | 3.8       | 313.8     | .23        | 4.9       | 314.2     | .25        |
| 07:05 | 8.1           | 989.00     | 68.0       | 3.3       | 303.1     | .16        | 4.5       | 308.5     | .05        |
| 07:10 | 8.0           | 990.00     | 68.0       | 3.2       | 310.3     | -.17       | 4.1       | 311.0     | -.19       |
| 07:15 | 8.0           | 990.00     | 68.0       | 3.5       | 299.0     | .22        | 4.5       | 304.2     | .19        |
| 07:20 | 7.8           | 990.00     | 69.0       | 3.2       | 298.9     | .07        | 4.3       | 302.1     | .11        |
| 07:25 | 7.8           | 990.00     | 69.0       | 2.7       | 310.9     | .14        | 3.6       | 313.3     | .01        |
| 07:30 | 7.6           | 990.00     | 69.0       | 2.1       | 314.8     | -.34       | 3.3       | 317.3     | -.23       |
| 07:35 | 7.6           | 990.00     | 69.0       | 2.4       | 351.1     | -.04       | 3.0       | 325.5     | -.11       |
| 07:40 | 7.4           | 990.00     | 70.0       | 1.8       | 313.7     | -.14       | 2.0       | 322.8     | .02        |
| 07:45 | 7.4           | 990.00     | 70.0       | 2.6       | 309.3     | .20        | 3.0       | 318.4     | .12        |
| 07:50 | 7.4           | 990.00     | 70.0       | 3.0       | 318.7     | .03        | 3.4       | 325.0     | .11        |
| 07:55 | 7.4           | 990.00     | 70.0       | 3.1       | 309.0     | .07        | 3.6       | 314.0     | .04        |
| 08:00 | 7.5           | 990.00     | 69.0       | 3.5       | 300.1     | -.17       | 4.4       | 303.6     | -.06       |
| 08:05 | 7.5           | 990.00     | 69.0       |           |           | .11        |           |           | .08        |
| 08:10 | 7.6           | 990.00     | 69.0       | 2.4       | 310.3     | .24        | 3.1       | 309.9     | .23        |
| 08:15 | 7.6           | 990.00     | 69.0       |           |           | .17        | 3.9       | 298.2     | .10        |
| 08:20 | 7.7           | 990.00     | 68.0       |           |           | .02        |           |           | -.05       |
| 08:25 | 7.7           | 990.00     | 68.0       | 1.9       | 295.8     | .00        | 1.9       | 314.1     | -.13       |
| 08:30 | 8.0           | 991.00     | 67.0       | 2.8       | 286.4     | .22        | 2.9       | 297.4     | .25        |
| 08:35 | 8.0           | 991.00     | 67.0       | 2.9       | 304.4     | .18        | 3.7       | 305.9     | .15        |
| 08:40 | 8.0           | 991.00     | 67.0       | 2.7       | 286.2     | .13        | 3.5       | 295.4     | .09        |
| 08:45 | 8.0           | 991.00     | 67.0       |           |           | -.05       | 2.8       | 300.1     | -.11       |
| 08:50 | 8.3           | 991.00     | 66.0       | .6        | 218.6     | -.33       | 1.0       | 272.1     | -.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        |
| 08:55 | 8.3           | 991.00     | 66.0       |           |           | .06        | 1.2       | 13.2      | .00        |
| 09:00 | 8.5           | 991.00     | 64.0       |           |           | -.09       | 1.6       | 294.5     | -.10       |
| 09:05 | 8.5           | 991.00     | 64.0       | .7        | 48.2      | -.12       | 1.1       | 22.9      | -.13       |
| 09:10 | 8.8           | 991.00     | 63.0       | 1.1       | 25.5      | -.10       | 1.3       | 20.3      | -.12       |
| 09:15 | 8.8           | 991.00     | 63.0       | 1.2       | 359.8     | -.11       | 1.7       | 355.8     | -.20       |
| 09:20 | 8.8           | 991.00     | 62.0       | 1.7       | 10.5      | -.45       | 1.8       | 351.0     | -.47       |
| 09:25 | 8.8           | 991.00     | 62.0       | 1.8       | 313.6     | -.48       | 2.8       | 313.4     | -.42       |
| 09:30 | 9.0           | 991.00     | 59.0       | 2.4       | 308.4     | .00        | 2.3       | 318.8     | .02        |
| 09:35 | 9.0           | 991.00     | 59.0       |           |           | -.38       | 1.5       | 348.4     | -.31       |
| 09:40 | 9.2           | 991.00     | 58.0       |           |           | .30        | 2.1       | 319.7     | .26        |
| 09:45 | 9.2           | 991.00     | 58.0       |           |           | -.36       | 1.5       | 357.4     | -.58       |
| 09:50 | 10.2          | 991.00     | 54.0       |           |           | -.12       | 1.7       | 11.9      | -.22       |
| 09:55 | 10.2          | 991.00     | 54.0       |           |           | .08        | 2.1       | 340.6     | .09        |
| 10:00 | 10.9          | 991.00     | 51.0       |           |           | -.52       | 2.9       | 34.3      | -.56       |
| 10:05 | 10.9          | 991.00     | 51.0       |           |           | -.44       | 1.4       | 31.5      | -.26       |
| 10:10 | 11.4          | 991.00     | 48.0       | 1.8       | 335.6     | -.30       | 2.1       | 320.0     | -.34       |
| 10:15 | 11.4          | 991.00     | 48.0       | 2.0       | 305.7     | -.08       | 1.7       | 318.7     | -.18       |
| 10:20 | 11.6          | 991.00     | 45.0       |           |           | -.37       | 1.5       | 329.1     | -.28       |
| 10:25 | 11.6          | 991.00     | 45.0       |           |           | .05        |           |           | .19        |
| 10:30 | 12.1          | 991.00     | 42.0       |           |           | -.20       |           |           | -.01       |
| 10:35 | 12.1          | 991.00     | 42.0       |           |           | .11        | 3.8       | 311.9     | -.02       |
| 10:40 | 12.4          | 991.00     | 41.0       |           |           | -.15       | 2.5       | 341.8     | -.30       |
| 10:45 | 12.4          | 991.00     | 41.0       |           |           | -.15       | 1.1       | 357.8     | -.39       |
| 10:50 | 12.6          | 991.00     | 41.0       |           |           | -.22       | 2.9       | 321.4     | -.07       |
| 10:55 | 12.6          | 991.00     | 41.0       |           |           | .11        |           |           | .29        |
| 11:00 | 12.9          | 991.00     | 35.0       |           |           | -.35       |           |           | -.71       |
| 11:05 | 12.9          | 991.00     | 35.0       |           |           | .76        |           |           | .44        |
| 11:10 | 13.3          | 991.00     | 34.0       |           |           | -.17       |           |           | -.09       |
| 11:15 | 13.3          | 991.00     | 34.0       |           |           | .62        |           |           | .32        |
| 11:20 | 13.6          | 991.00     | 31.0       |           |           | .58        |           |           | .20        |
| 11:25 | 13.6          | 991.00     | 31.0       |           |           | .48        |           |           | .47        |
| 11:30 | 13.7          | 991.00     | 31.0       |           |           | -1.45      |           |           | -1.15      |
| 11:35 | 13.7          | 991.00     | 31.0       |           |           | -.15       |           |           | -.06       |
| 11:40 | 14.1          | 991.00     | 30.0       |           |           | .05        |           |           | -.82       |
| 11:45 | 14.1          | 991.00     | 30.0       |           |           | -1.11      |           |           | -.38       |
| 11:50 | 14.7          | 991.00     | 31.0       |           |           | -.66       |           |           | -.54       |
| 11:55 | 14.7          | 991.00     | 31.0       |           |           | .03        |           |           | .00        |
| 12:00 | 14.6          | 991.00     | 29.0       |           |           | .74        |           |           | -.14       |
| 12:05 | 14.6          | 991.00     | 29.0       |           |           | -.35       |           |           | -.12       |
| 12:10 | 14.7          | 991.00     | 28.0       |           |           | -1.00      |           |           | -.28       |
| 12:15 | 14.7          | 991.00     | 28.0       |           |           | .63        |           |           | -.40       |
| 12:20 | 14.6          | 991.00     | 27.0       |           |           | .05        |           |           | -.34       |
| 12:25 | 14.6          | 991.00     | 27.0       |           |           | -.60       | 1.7       | 21.3      | -.65       |
| 12:30 | 15.2          | 991.00     | 27.0       |           |           | -.64       |           |           | -.54       |
| 12:35 | 15.2          | 991.00     | 27.0       |           |           | -3.05      |           |           | -.56       |
| 12:40 | 15.3          | 991.00     | 28.0       |           |           | -.78       |           |           | -.37       |
| 12:45 | 15.3          | 991.00     | 28.0       |           |           | 2.47       |           |           | .53        |
| 12:50 | 15.6          | 991.00     | 26.0       |           |           | -.23       |           |           | -.46       |
| 12:55 | 15.6          | 991.00     | 26.0       |           |           |            |           |           | .45        |
| 13:00 | 15.6          | 991.00     | 25.0       |           |           | -.22       |           |           | .28        |
| 13:05 | 15.6          | 991.00     | 25.0       |           |           | -.44       |           |           | -.47       |
| 13:10 | 16.4          | 991.00     | 29.0       |           |           | -.31       |           |           | .02        |
| 13:15 | 16.4          | 991.00     | 29.0       |           |           | -.84       | 2.5       | 212.8     | -.90       |
| 13:20 | 16.4          | 990.00     | 28.0       |           |           | 1.01       | 3.3       | 188.3     | .68        |
| 13:25 | 16.4          | 990.00     | 28.0       |           |           | .39        |           |           | .30        |
| 13:30 | 16.1          | 990.00     | 27.0       |           |           | .28        |           |           | .34        |

|       | 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 | 16.1          | 990.00     | 27.0       |           |           | .08        |           |           | -.78       |
| 13:40 | 16.3          | 990.00     | 27.0       |           |           | .21        |           |           | -.12       |
| 13:45 | 16.3          | 990.00     | 27.0       |           |           | -.82       |           |           | -1.18      |
| 13:50 | 16.6          | 990.00     | 26.0       |           |           | -.13       |           |           | -.41       |
| 13:55 | 16.6          | 990.00     | 26.0       |           |           | -.53       |           |           | -.42       |
| 14:00 | 16.9          | 990.00     | 25.0       |           |           | .15        |           |           | .38        |
| 14:05 | 16.9          | 990.00     | 25.0       |           |           | -.03       |           |           | -.01       |
| 14:10 | 16.9          | 990.00     | 25.0       |           |           | .09        |           |           | -.22       |
| 14:15 | 16.9          | 990.00     | 25.0       |           |           | -.33       |           |           | -.54       |
| 14:20 | 17.5          | 990.00     | 24.0       |           |           | -1.03      |           |           | -.44       |
| 14:25 | 17.5          | 990.00     | 24.0       |           |           | -.57       |           |           | -.17       |
| 14:30 | 17.4          | 990.00     | 23.0       |           |           | -.36       |           |           | -.01       |
| 14:35 | 17.4          | 990.00     | 23.0       |           |           | -.82       |           |           | .31        |
| 14:40 | 17.3          | 989.00     | 23.0       |           |           | .08        |           |           | .50        |
| 14:45 | 17.3          | 989.00     | 23.0       |           |           | -.92       |           |           | .05        |
| 14:50 | 17.3          | 989.00     | 22.0       |           |           | -.54       |           |           | -.96       |
| 14:55 | 17.3          | 989.00     | 22.0       |           |           | .46        |           |           | .17        |
| 15:00 | 17.8          | 989.00     | 22.0       |           |           | -.59       |           |           | -.28       |
| 15:05 | 17.8          | 989.00     | 22.0       |           |           | -.03       |           |           | .06        |
| 15:10 | 18.4          | 989.00     | 22.0       |           |           | 2.03       |           |           | -.08       |
| 15:15 | 18.4          | 989.00     | 22.0       |           |           | -1.01      |           |           | -.64       |
| 15:20 | 18.1          | 989.00     | 21.0       |           |           | 1.63       |           |           | .71        |
| 15:25 | 18.1          | 989.00     | 21.0       |           |           | -1.16      |           |           | -.49       |
| 15:30 | 18.1          | 989.00     | 20.0       |           |           | -.18       |           |           | .05        |
| 15:35 | 18.1          | 989.00     | 20.0       |           |           | -.40       |           |           | -.49       |
| 15:40 | 18.1          | 989.00     | 21.0       |           |           | .09        |           |           | -.02       |
| 15:45 | 18.1          | 989.00     | 21.0       |           |           | -.82       |           |           | -.84       |
| 15:50 | 18.3          | 988.00     | 21.0       |           |           | -.40       |           |           | .28        |
| 15:55 | 18.3          | 988.00     | 21.0       |           |           | -.61       |           |           | -1.07      |
| 16:00 | 18.0          | 988.00     | 22.0       |           |           | -.29       |           |           | -.52       |
| 16:05 | 18.0          | 988.00     | 22.0       |           |           | -1.12      |           |           | -.63       |
| 16:10 | 18.8          | 988.00     | 21.0       |           |           | 1.77       |           |           | .13        |
| 16:15 | 18.8          | 988.00     | 21.0       |           |           | -.98       |           |           | -1.23      |
| 16:20 | 20.0          | 988.00     | 20.0       |           |           | .77        |           |           | -.20       |
| 16:25 | 20.0          | 988.00     | 20.0       |           |           | -.36       |           |           | .32        |
| 16:30 | 19.5          | 988.00     | 19.0       |           |           | .27        |           |           | .13        |
| 16:35 | 19.5          | 988.00     | 19.0       |           |           | -.64       | 1.9       | 298.6     | -.64       |
| 16:40 | 19.4          | 988.00     | 21.0       |           |           | -.46       |           |           | -.43       |
| 16:45 | 19.4          | 988.00     | 21.0       |           |           | .14        |           |           | -.14       |
| 16:50 | 19.2          | 988.00     | 20.0       |           |           | -.63       |           |           | -.11       |
| 16:55 | 19.2          | 988.00     | 20.0       |           |           | -.43       |           |           | -.68       |
| 17:00 | 19.3          | 988.00     | 19.0       |           |           | -.83       |           |           | -.36       |
| 17:05 | 19.3          | 988.00     | 19.0       |           |           | .45        |           |           | .72        |
| 17:10 | 18.9          | 988.00     | 20.0       |           |           | .47        |           |           | .31        |
| 17:15 | 18.9          | 988.00     | 20.0       |           |           | .20        |           |           | -.07       |
| 17:20 | 19.0          | 988.00     | 19.0       |           |           | -.32       |           |           | .34        |
| 17:25 | 19.0          | 988.00     | 19.0       |           |           | .58        |           |           | .36        |
| 17:30 | 19.1          | 988.00     | 19.0       |           |           | -.21       |           |           | .10        |
| 17:35 | 19.1          | 988.00     | 19.0       |           |           | -.29       |           |           | -.37       |
| 17:40 | 19.5          | 988.00     | 19.0       |           |           | 1.69       |           |           | .28        |
| 17:45 | 19.5          | 988.00     | 19.0       |           |           | -.38       |           |           | .01        |
| 17:50 | 18.8          | 988.00     | 18.0       |           |           | .25        |           |           | .46        |
| 17:55 | 18.8          | 988.00     | 18.0       |           |           | -.17       |           |           | -.19       |
| 18:00 | 19.0          | 988.00     | 19.0       |           |           | -.34       |           |           | -.13       |
| 18:05 | 19.0          | 988.00     | 19.0       |           |           | .01        |           |           | .16        |
| 18:10 | 19.1          | 987.00     | 18.0       |           |           | -.32       |           |           | .13        |

|       | 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 | 19.1          | 987.00     | 18.0       |           |           | -.88       |           |           | -.36       |
| 18:20 | 19.0          | 987.00     | 18.0       |           |           | .58        |           |           | .25        |
| 18:25 | 19.0          | 987.00     | 18.0       |           |           | -.53       |           |           | -.45       |
| 18:30 | 18.8          | 987.00     | 18.0       |           |           | .33        |           |           | .17        |
| 18:35 | 18.8          | 987.00     | 18.0       |           |           | -.73       |           |           | -.34       |
| 18:40 | 18.3          | 987.00     | 20.0       |           |           | .07        |           |           | .16        |
| 18:45 | 18.3          | 987.00     | 20.0       |           |           | .06        |           |           | .10        |
| 18:50 | 18.3          | 987.00     | 20.0       |           |           | -.23       |           |           | -.56       |
| 18:55 | 18.3          | 987.00     | 20.0       |           |           | -.66       |           |           | -.05       |
| 19:00 | 18.5          | 987.00     | 20.0       |           |           | .51        |           |           | .00        |
| 19:05 | 18.5          | 987.00     | 20.0       |           |           | -.32       |           |           | -.33       |
| 19:10 | 18.5          | 987.00     | 20.0       |           |           | -.08       |           |           | .06        |
| 19:15 | 18.5          | 987.00     | 20.0       |           |           | .32        |           |           | .05        |
| 19:20 | 18.3          | 987.00     | 20.0       |           |           |            |           |           | -.70       |
| 19:25 | 18.3          | 987.00     | 20.0       |           |           | .18        |           |           | .10        |
| 19:30 | 17.8          | 987.00     | 20.0       |           |           | -.69       |           |           | -.01       |
| 19:35 | 17.8          | 987.00     | 20.0       |           |           |            |           |           | .13        |
| 19:40 | 17.1          | 987.00     | 21.0       |           |           | -.21       |           |           | -.13       |
| 19:45 | 17.1          | 987.00     | 21.0       |           |           |            |           |           |            |
| 19:50 | 16.2          | 987.00     | 22.0       |           |           | .66        |           |           | .23        |
| 19:55 | 16.2          | 987.00     | 22.0       |           |           | .09        |           |           | -.05       |
| 20:00 | 15.7          | 988.00     | 22.0       |           |           | .11        |           |           | .16        |
| 20:05 | 15.7          | 988.00     | 22.0       |           |           | -.20       |           |           | .07        |
| 20:10 | 15.1          | 988.00     | 23.0       |           |           | -.19       |           |           | -.28       |
| 20:15 | 15.1          | 988.00     | 23.0       |           |           | -.38       |           |           | -.06       |
| 20:20 | 14.3          | 988.00     | 26.0       |           |           | .02        |           |           | .08        |
| 20:25 | 14.3          | 988.00     | 26.0       |           |           | .11        |           |           | .18        |
| 20:30 | 13.5          | 988.00     | 30.0       |           |           | -.14       |           |           | -.27       |
| 20:35 | 13.5          | 988.00     | 30.0       |           |           | -.15       |           |           | .25        |
| 20:40 | 12.7          | 988.00     | 35.0       |           |           | -.18       |           |           | .01        |
| 20:45 | 12.7          | 988.00     | 35.0       |           |           | .03        |           |           | .06        |
| 20:50 | 12.1          | 988.00     | 44.0       |           |           | .03        |           |           | .04        |
| 20:55 | 12.1          | 988.00     | 44.0       |           |           | .00        |           |           | -.13       |
| 21:00 | 11.4          | 988.00     | 47.0       |           |           | .08        |           |           | -.21       |
| 21:05 | 11.4          | 988.00     | 47.0       |           |           | .02        |           |           | -.03       |
| 21:10 | 10.8          | 988.00     | 50.0       |           |           | -.29       |           |           | .01        |
| 21:15 | 10.8          | 988.00     | 50.0       |           |           | -.39       |           |           | -.08       |
| 21:20 | 10.3          | 988.00     | 49.0       |           |           | -.07       |           |           | -.07       |
| 21:25 | 10.3          | 988.00     | 49.0       |           |           | .16        |           |           | -.02       |
| 21:30 | 9.9           | 989.00     | 61.0       |           |           | -.14       |           |           | -.19       |
| 21:35 | 9.9           | 989.00     | 61.0       |           |           | .01        |           |           | -.16       |
| 21:40 | 9.7           | 989.00     | 59.0       |           |           | -.05       |           |           | .06        |
| 21:45 | 9.7           | 989.00     | 59.0       |           |           | -.11       |           |           | -.11       |
| 21:50 | 9.3           | 989.00     | 57.0       |           |           | -.03       |           |           | .05        |
| 21:55 | 9.3           | 989.00     | 57.0       |           |           | .02        |           |           | -.23       |
| 22:00 | 9.0           | 989.00     | 56.0       |           |           | -.13       |           |           | .00        |
| 22:05 | 9.0           | 989.00     | 56.0       |           |           | .16        |           |           | .07        |
| 22:10 | 8.7           | 989.00     | 63.0       |           |           | .08        |           |           | -.01       |
| 22:15 | 8.7           | 989.00     | 63.0       |           |           | .01        |           |           | .11        |
| 22:20 | 8.4           | 989.00     | 68.0       |           |           | .01        |           |           | .04        |
| 22:25 | 8.4           | 989.00     | 68.0       |           |           | -.17       |           |           | -.02       |
| 22:30 | 8.3           | 989.00     | 65.0       |           |           | .08        |           |           | -.02       |
| 22:35 | 8.3           | 989.00     | 65.0       |           |           | .00        |           |           | .02        |
| 22:40 | 8.1           | 989.00     | 68.0       |           |           | .11        |           |           | .01        |
| 22:45 | 8.1           | 989.00     | 68.0       |           |           | .04        | .7        | 317.2     | -.04       |
| 22:50 | 7.7           | 989.00     | 72.0       |           |           | -.01       |           |           | -.03       |



## Daily Summary Report

Site: Lidar "Q" (PAM35)

4/3/2022

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 | 3.1       | 274.0     | .01        | 3.5       | 273.6     | .04        | 3.8       | 275.3     | .05        |
| 00:05 | 3.2       | 274.9     | -.02       | 3.6       | 276.2     | .04        | 4.0       | 276.9     | .07        |
| 00:10 | 3.0       | 280.3     | -.12       | 3.4       | 279.9     | -.08       | 3.8       | 280.4     | -.07       |
| 00:15 | 2.3       | 289.3     | .01        | 3.1       | 285.6     | .03        | 3.5       | 283.4     | .03        |
| 00:20 | 2.6       | 286.0     | .02        | 3.3       | 284.6     | .01        | 3.9       | 283.6     | .02        |
| 00:25 | 2.2       | 282.9     | -.07       | 2.8       | 282.5     | -.02       | 3.6       | 281.0     | -.03       |
| 00:30 | 1.8       | 284.0     | .01        | 2.5       | 284.1     | .06        | 3.1       | 282.2     | .04        |
| 00:35 | 1.8       | 269.0     | -.06       | 2.5       | 276.9     | -.06       | 3.0       | 279.3     | -.01       |
| 00:40 | 1.5       | 256.4     | .03        | 1.9       | 279.1     | .03        | 2.5       | 282.6     | .02        |
| 00:45 | 1.5       | 250.9     | .04        | 1.8       | 273.9     | .06        | 2.3       | 280.8     | .07        |
| 00:50 | 1.3       | 232.8     | .04        | 1.4       | 257.4     | .05        | 1.8       | 269.9     | .05        |
| 00:55 | 1.4       | 221.1     | .03        | 1.3       | 233.2     | .03        | 1.5       | 252.1     | .06        |
| 01:00 | 1.4       | 212.1     | .01        | 1.2       | 227.5     | .04        | 1.4       | 249.6     | .06        |
| 01:05 | 1.4       | 220.8     | .00        | 1.3       | 234.0     | .01        | 1.4       | 244.6     | .02        |
| 01:10 | 1.6       | 218.1     | .01        | 1.4       | 225.1     | .05        | 1.7       | 234.0     | .03        |
| 01:15 | 1.8       | 216.1     | .03        | 1.7       | 224.5     | .05        | 2.0       | 229.4     | .06        |
| 01:20 | 1.9       | 213.9     | -.03       | 1.7       | 220.8     | .01        | 2.0       | 230.5     | .05        |
| 01:25 | 1.9       | 210.9     | .01        | 1.7       | 219.8     | .06        | 2.1       | 230.9     | .07        |
| 01:30 | 2.2       | 219.2     | -.01       | 2.0       | 222.4     | .01        | 2.1       | 230.1     | .02        |
| 01:35 | 2.2       | 217.9     | -.01       | 2.3       | 223.0     | .00        | 2.1       | 224.3     | .06        |
| 01:40 | 2.5       | 225.0     | .01        | 2.9       | 228.3     | .04        | 3.0       | 229.5     | .04        |
| 01:45 | 2.5       | 229.9     | .02        | 3.0       | 231.6     | .08        | 3.7       | 233.1     | .09        |
| 01:50 | 2.2       | 217.5     | .03        | 3.1       | 227.2     | .05        | 4.3       | 233.9     | .09        |
| 01:55 | 2.2       | 234.9     | .01        | 3.0       | 232.3     | .05        | 3.8       | 233.0     | .08        |
| 02:00 | 1.8       | 234.6     | -.01       | 2.6       | 231.5     | .02        | 3.5       | 231.6     | .08        |
| 02:05 | 1.9       | 232.2     | .00        | 2.7       | 229.1     | .04        | 3.6       | 231.2     | .04        |
| 02:10 | 2.3       | 247.8     | .04        | 3.1       | 239.7     | .10        | 3.9       | 237.4     | .12        |
| 02:15 | 2.4       | 246.3     | -.02       | 3.3       | 238.8     | .04        | 4.2       | 236.4     | .07        |
| 02:20 | 2.6       | 251.5     | -.01       | 3.6       | 242.4     | .05        | 4.3       | 237.4     | .05        |
| 02:25 | 2.9       | 252.9     | .04        | 3.6       | 242.3     | .04        | 4.4       | 238.0     | .04        |
| 02:30 | 3.1       | 256.0     | .03        | 3.9       | 246.7     | .07        | 4.5       | 241.1     | .09        |
| 02:35 | 2.5       | 259.6     | .03        | 3.4       | 252.6     | .06        | 4.2       | 247.3     | .04        |
| 02:40 | 2.4       | 256.8     | .05        | 3.3       | 251.6     | .06        | 4.3       | 246.3     | .12        |
| 02:45 | 2.4       | 261.7     | .03        | 3.3       | 254.6     | .06        | 4.1       | 250.0     | .11        |
| 02:50 | 2.3       | 263.7     | .02        | 2.8       | 257.7     | .04        | 3.4       | 253.7     | .03        |
| 02:55 | 2.0       | 276.4     | .03        | 2.7       | 268.4     | .04        | 3.1       | 262.9     | .06        |
| 03:00 | 1.9       | 281.0     | .03        | 2.4       | 270.9     | .11        | 3.0       | 262.8     | .16        |
| 03:05 | 1.6       | 270.4     | .03        | 2.0       | 264.1     | .06        | 2.7       | 257.2     | .08        |
| 03:10 | 1.6       | 271.7     | -.01       | 1.8       | 261.7     | .06        | 2.4       | 258.6     | .11        |
| 03:15 | 1.8       | 281.4     | -.03       | 1.7       | 272.2     | .01        | 2.0       | 267.0     | .02        |
| 03:20 | 1.9       | 301.5     | -.04       | 1.9       | 290.2     | -.01       | 2.1       | 281.3     | .01        |
| 03:25 | 2.9       | 302.7     | -.06       | 3.1       | 299.1     | -.01       | 2.8       | 298.6     | .00        |
| 03:30 | 3.7       | 289.4     | -.10       | 3.8       | 290.8     | -.04       | 3.9       | 289.3     | .02        |
| 03:35 | 3.1       | 283.9     | -.01       | 3.4       | 288.6     | .03        | 3.4       | 297.6     | .04        |
| 03:40 | 2.8       | 291.3     | .03        | 3.1       | 300.2     | .03        | 3.2       | 304.4     | .06        |
| 03:45 | 2.7       | 283.5     | .03        | 2.9       | 294.0     | .06        | 3.2       | 301.8     | .06        |
| 03:50 | 3.0       | 276.8     | -.01       | 3.2       | 288.1     | .00        | 3.3       | 301.9     | .01        |
| 03:55 | 3.0       | 283.0     | .01        | 3.3       | 293.8     | .04        | 4.0       | 302.0     | .05        |
| 04:00 | 3.5       | 290.2     | .03        | 4.3       | 294.9     | .02        | 5.2       | 297.8     | -.01       |
| 04:05 | 4.7       | 297.0     | .04        | 5.4       | 300.4     | .01        | 5.9       | 303.6     | -.02       |
| 04:10 | 4.9       | 300.8     | -.01       | 5.7       | 303.3     | .00        | 6.3       | 304.9     | .04        |

|       | 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 | 4.4       | 302.1     | .05        | 5.4       | 305.2     | .06        | 6.0       | 307.7     | .05        |
| 04:20 | 4.4       | 296.1     | .05        | 5.1       | 297.9     | .06        | 6.1       | 300.0     | .00        |
| 04:25 | 4.8       | 293.6     | .16        | 5.3       | 297.0     | .15        | 6.1       | 299.8     | .11        |
| 04:30 | 4.4       | 303.0     | .02        | 5.4       | 306.3     | .06        | 6.2       | 306.3     | .13        |
| 04:35 | 5.3       | 306.1     | .04        | 6.4       | 307.6     | .09        | 7.1       | 308.7     | .17        |
| 04:40 | 6.0       | 308.9     | .01        | 7.0       | 309.8     | .05        | 7.7       | 312.9     | .13        |
| 04:45 | 6.0       | 307.7     | .11        | 7.0       | 309.1     | .04        | 8.0       | 308.8     | -.05       |
| 04:50 | 6.1       | 307.1     | -.01       | 6.8       | 309.2     | .00        | 7.6       | 311.3     | .01        |
| 04:55 | 6.0       | 316.2     | .31        | 6.8       | 316.4     | .30        | 7.4       | 316.8     | .26        |
| 05:00 | 6.3       | 317.3     | -.02       | 7.3       | 316.5     | -.01       | 8.2       | 317.0     | .12        |
| 05:05 | 6.9       | 319.2     | .19        | 7.7       | 319.2     | .20        | 8.2       | 320.5     | .23        |
| 05:10 | 6.0       | 317.9     | .17        | 6.5       | 319.5     | .19        | 7.0       | 320.9     | .16        |
| 05:15 | 5.8       | 315.5     | .02        | 6.4       | 314.4     | .07        | 6.8       | 317.7     | .03        |
| 05:20 | 5.6       | 315.6     | .08        | 6.2       | 316.8     | .13        | 6.7       | 319.0     | .08        |
| 05:25 | 5.7       | 317.9     | -.01       | 6.5       | 318.2     | .01        | 7.3       | 317.9     | .04        |
| 05:30 | 6.8       | 308.4     | .11        | 7.7       | 312.5     | .16        | 8.3       | 314.3     | .18        |
| 05:35 | 6.6       | 312.9     | .04        | 7.5       | 312.8     | .06        | 8.1       | 312.9     | .10        |
| 05:40 | 7.6       | 311.2     | .17        | 8.3       | 311.3     | .23        | 9.0       | 310.1     | .18        |
| 05:45 | 6.3       | 311.9     | -.01       | 7.3       | 310.4     | .02        | 8.1       | 311.5     | .06        |
| 05:50 | 5.8       | 307.9     | .02        | 6.5       | 310.9     | .01        | 7.3       | 312.5     | .02        |
| 05:55 | 6.0       | 311.5     | .15        | 7.0       | 311.7     | .18        | 7.7       | 311.8     | .17        |
| 06:00 | 5.6       | 309.6     | .01        | 6.4       | 310.1     | .05        | 6.8       | 310.4     | .10        |
| 06:05 | 5.4       | 308.4     | .00        | 6.0       | 309.1     | .02        | 6.6       | 309.8     | .05        |
| 06:10 | 5.5       | 307.8     | .03        | 6.0       | 309.7     | .13        | 6.2       | 311.8     | .17        |
| 06:15 | 5.4       | 311.3     | .05        | 6.0       | 312.4     | .06        | 6.6       | 310.9     | .05        |
| 06:20 | 5.1       | 312.1     | -.09       | 5.7       | 312.8     | -.07       | 6.5       | 312.6     | -.02       |
| 06:25 | 4.9       | 309.8     | .04        | 5.7       | 310.8     | .02        | 6.3       | 310.1     | .03        |
| 06:30 | 4.4       | 304.6     | -.01       | 5.1       | 306.0     | -.07       | 5.6       | 308.3     | -.18       |
| 06:35 | 4.7       | 313.1     | .03        | 5.3       | 310.8     | .05        | 5.9       | 312.2     | .08        |
| 06:40 | 5.8       | 311.2     | .17        | 6.3       | 311.5     | .06        | 6.6       | 313.0     | .04        |
| 06:45 | 4.7       | 317.5     | -.06       | 5.5       | 314.1     | -.16       | 6.2       | 314.6     | -.16       |
| 06:50 | 5.4       | 316.8     | .07        | 5.9       | 316.2     | .22        | 6.3       | 315.2     | .22        |
| 06:55 | 5.4       | 317.5     | .01        | 6.1       | 320.5     | .18        | 6.6       | 320.9     | .36        |
| 07:00 | 5.8       | 317.3     | .15        | 6.3       | 317.0     | .18        | 6.6       | 317.9     | .12        |
| 07:05 | 5.3       | 312.8     | .08        | 6.1       | 315.2     | .01        | 6.4       | 315.3     | -.02       |
| 07:10 | 5.1       | 311.2     | -.13       | 5.8       | 311.3     | -.12       | 6.4       | 313.7     | -.07       |
| 07:15 | 5.3       | 305.8     | .12        | 6.1       | 310.0     | .14        | 6.3       | 313.7     | .08        |
| 07:20 | 5.2       | 307.5     | .04        | 5.9       | 310.2     | -.02       | 6.4       | 311.8     | -.04       |
| 07:25 | 4.7       | 310.0     | -.06       | 5.5       | 309.7     | -.09       | 6.2       | 311.4     | -.12       |
| 07:30 | 4.3       | 319.1     | -.13       | 5.1       | 319.8     | -.18       | 5.7       | 318.8     | -.09       |
| 07:35 | 3.8       | 318.1     | -.12       | 4.6       | 317.9     | -.10       | 5.6       | 316.3     | -.14       |
| 07:40 | 2.8       | 320.2     | -.04       | 3.9       | 321.9     | -.24       | 4.8       | 319.4     | -.21       |
| 07:45 | 3.7       | 318.5     | .16        | 4.5       | 320.4     | .16        | 5.2       | 318.9     | .20        |
| 07:50 | 3.8       | 322.8     | .14        | 4.2       | 319.0     | .17        | 4.7       | 314.0     | .16        |
| 07:55 | 4.3       | 316.2     | .03        | 4.9       | 314.0     | .10        | 5.0       | 314.3     | .17        |
| 08:00 | 4.7       | 308.0     | .01        | 4.9       | 311.5     | .02        | 5.3       | 311.7     | .01        |
| 08:05 | 3.2       | 313.0     | .06        | 4.2       | 312.8     | .01        | 4.7       | 313.5     | -.03       |
| 08:10 | 3.6       | 313.8     | .23        | 3.8       | 313.2     | .19        | 4.2       | 315.8     | .07        |
| 08:15 | 3.1       | 305.7     | .05        | 3.7       | 310.0     | -.07       | 3.7       | 314.8     | -.09       |
| 08:20 | 2.5       | 323.9     | -.17       | 3.0       | 323.9     | -.12       | 3.2       | 323.1     | -.01       |
| 08:25 | 2.2       | 321.4     | -.15       | 2.6       | 326.4     | -.03       | 3.0       | 321.0     | -.09       |
| 08:30 | 3.5       | 301.3     | .17        | 3.9       | 303.5     | .13        | 4.2       | 308.0     | .07        |
| 08:35 | 3.9       | 305.9     | .19        | 4.3       | 306.3     | .17        | 4.7       | 309.3     | .11        |
| 08:40 | 3.8       | 300.4     | .11        | 4.2       | 306.2     | .10        | 4.7       | 308.2     | .06        |
| 08:45 | 2.8       | 306.8     | -.13       | 3.3       | 307.7     | -.13       | 3.3       | 313.5     | -.09       |
| 08:50 | 1.3       | 297.0     | -.04       | 1.6       | 296.2     | -.06       | 2.1       | 299.2     | -.05       |



|       | 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 | 1.9       | 324.8     | -.04       | 2.1       | 323.3     | -.04       | 2.1       | 324.6     | -.03       |
| 09:00 | 1.2       | 312.6     | -.16       | 1.5       | 312.4     | -.19       | 1.8       | 313.7     | -.12       |
| 09:05 | 1.7       | 13.8      | -.18       | 2.1       | .8        | .01        | 2.0       | 342.5     | .01        |
| 09:10 | 1.5       | 22.1      | -.21       | 1.5       | 9.9       | -.20       | 1.9       | 358.5     | -.33       |
| 09:15 | 1.9       | 352.4     | -.19       | 2.0       | 341.8     | -.13       | 2.2       | 334.0     | -.02       |
| 09:20 | 2.0       | 353.4     | -.30       | 1.9       | 351.3     | -.14       | 1.9       | 338.0     | -.09       |
| 09:25 | 2.6       | 331.2     | -.29       | 3.3       | 327.8     | -.06       | 3.5       | 328.4     | .15        |
| 09:30 | 2.5       | 319.4     | .20        | 2.6       | 320.6     | .38        | 2.5       | 325.0     | .45        |
| 09:35 | 1.7       | 352.5     | -.15       | 1.8       | 345.2     | -.04       | 1.8       | 341.9     | .16        |
| 09:40 | 1.5       | 329.8     | .23        | 2.0       | 330.6     | .16        | 2.4       | 335.2     | .12        |
| 09:45 | 1.5       | 348.7     | -.61       | 1.6       | 356.7     | -.58       | 1.7       | 7.4       | -.78       |
| 09:50 | 1.5       | 1.5       | -.25       | 1.7       | 347.8     | -.27       | 2.1       | 352.3     | -.27       |
| 09:55 | 2.6       | 340.8     | .23        | 2.5       | 350.7     | .30        | 2.5       | 347.9     | .21        |
| 10:00 | 2.2       | 14.2      | -.60       | 2.5       | 14.6      | -.41       | 2.2       | 11.9      | -.44       |
| 10:05 | 2.1       | 20.6      | -.14       | 2.5       | 351.8     | -.19       | 2.7       | 348.7     | -.30       |
| 10:10 | 2.3       | 317.4     | -.27       | 2.6       | 328.1     | -.15       | 2.8       | 346.1     | -.08       |
| 10:15 | 1.7       | 326.4     | -.27       | 2.3       | 320.7     | -.37       | 2.6       | 322.0     | -.47       |
| 10:20 | 2.3       | 352.7     | -.09       | 3.2       | 5.1       | -.02       | 3.3       | 4.9       | .02        |
| 10:25 | 2.5       | 11.8      | .19        | 2.5       | 9.5       | .31        | 2.6       | 12.9      | .34        |
| 10:30 | 3.5       | 318.1     | .01        | 3.7       | 314.1     | .07        | 3.6       | 317.9     | .27        |
| 10:35 | 3.2       | 323.9     | -.07       | 2.9       | 333.3     | -.06       | 2.9       | 327.6     | -.11       |
| 10:40 | 2.6       | 355.1     | -.45       | 2.5       | 351.9     | -.37       | 2.4       | 344.6     | -.52       |
| 10:45 | 1.4       | 348.9     | -.58       | 1.6       | 19.3      | -.78       | 1.7       | 5.9       | -.92       |
| 10:50 | 1.5       | 2.5       | -.11       | 1.9       | 1.0       | -.13       | 1.8       | 12.6      | -.34       |
| 10:55 |           |           | .26        | 5.9       | 17.2      | .32        | 6.4       | 20.9      | .28        |
| 11:00 |           |           | -.47       |           |           | -.51       |           |           | -.40       |
| 11:05 |           |           | -.25       |           |           | -.43       |           |           | -.66       |
| 11:10 |           |           | -.34       |           |           | -.27       |           |           | -.25       |
| 11:15 |           |           | .16        |           |           | .31        |           |           | .32        |
| 11:20 |           |           | .33        |           |           | .54        |           |           | .58        |
| 11:25 |           |           | .21        |           |           | .29        |           |           | .51        |
| 11:30 |           |           | -.56       |           |           | -.55       |           |           | -.71       |
| 11:35 |           |           | -.24       |           |           | -.09       |           |           | -.21       |
| 11:40 |           |           | -.67       |           |           | -.69       |           |           | -.62       |
| 11:45 |           |           | -.86       |           |           | -1.03      | 3.2       | 335.6     | -1.14      |
| 11:50 |           |           | -.69       |           |           | -.57       |           |           | -.73       |
| 11:55 |           |           | -.36       |           |           | -.39       |           |           | -.53       |
| 12:00 |           |           | -.67       |           |           | -.24       |           |           | -.13       |
| 12:05 |           |           | -.27       | 2.1       | 19.5      | -.52       |           |           | -.67       |
| 12:10 |           |           | -.03       |           |           | .15        |           |           | .23        |
| 12:15 |           |           | -.21       |           |           | -.32       |           |           | -.18       |
| 12:20 |           |           | -.45       |           |           | -.52       |           |           | -.63       |
| 12:25 | 2.0       | 2.4       | -.74       | 2.3       | 337.8     | -.77       | 2.2       | 344.3     | -.77       |
| 12:30 | 4.4       | 340.7     | -.26       | 4.0       | 352.7     | -.36       |           |           | -.36       |
| 12:35 |           |           | -.12       |           |           | -.07       |           |           | -.08       |
| 12:40 |           |           | .06        |           |           | .05        |           |           | .07        |
| 12:45 |           |           | .57        |           |           | .65        |           |           | .99        |
| 12:50 |           |           | -.43       |           |           | -.35       |           |           | -.35       |
| 12:55 |           |           | .53        | 4.8       | 39.0      | .58        | 4.3       | 6.1       | .59        |
| 13:00 |           |           | -.09       | 2.9       | 253.9     | -.27       | 2.8       | 248.1     | -.52       |
| 13:05 |           |           | -.31       | 1.8       | 242.7     | -.23       |           |           | -.53       |
| 13:10 |           |           | .22        | 3.4       | 231.7     | .25        |           |           | .27        |
| 13:15 |           |           | -1.03      | 3.8       | 202.7     | -.85       | 4.9       | 213.8     | -.63       |
| 13:20 |           |           | 1.00       | 1.8       | 181.8     | 1.05       | 2.6       | 209.4     | 1.04       |
| 13:25 | 2.8       | 183.8     | .64        |           |           | .78        | 2.7       | 212.1     | .70        |
| 13:30 |           |           | .00        | 1.6       | 266.2     | -.02       |           |           | -.07       |

|       | 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 | 1.1       | 272.0     | -.52       | 2.0       | 259.6     | -.49       | 3.6       | 261.7     | -.36       |
| 13:40 | 2.3       | 319.7     | -.36       | 3.5       | 317.4     | -.52       | 3.9       | 331.4     | -.70       |
| 13:45 |           |           | -1.07      | 4.2       | 347.5     | -1.08      | 4.1       | 349.4     | -1.11      |
| 13:50 | 5.2       | 304.2     | -.49       | 2.4       | 339.8     | -.60       |           |           | -.55       |
| 13:55 |           |           | -.46       |           |           | -.30       | 4.4       | 267.3     | -.15       |
| 14:00 |           |           | .55        |           |           | .77        | 4.3       | 255.0     | 1.08       |
| 14:05 |           |           | -.28       |           |           | -.18       |           |           | -.39       |
| 14:10 |           |           | -.12       |           |           | .03        |           |           | .04        |
| 14:15 |           |           | -.82       | 2.7       | 11.9      | -1.07      | 2.5       | 16.3      | -1.39      |
| 14:20 |           |           | -.35       |           |           | -.44       | 3.0       | 327.8     | -.68       |
| 14:25 | 5.6       | 285.2     | -.19       | 5.3       | 282.0     | -.46       | 5.9       | 279.4     | -.67       |
| 14:30 | 3.3       | 323.1     | .20        | 4.9       | 330.5     | .20        | 3.0       | 342.4     | .17        |
| 14:35 |           |           | .55        |           |           | .69        |           |           | .90        |
| 14:40 |           |           | .15        | 3.0       | 13.3      | .36        |           |           | .54        |
| 14:45 |           |           | .23        |           |           | .26        |           |           | .29        |
| 14:50 |           |           | -1.25      |           |           | -1.33      |           |           | -1.24      |
| 14:55 |           |           | .04        | 2.0       | 10.6      | -.04       | 2.4       | 7.3       | -.15       |
| 15:00 |           |           | -.20       |           |           | -.13       |           |           | -.02       |
| 15:05 | 5.2       | 252.0     | -.06       | 4.7       | 253.3     | -.07       | 5.5       | 259.9     | .03        |
| 15:10 |           |           | .19        | 1.6       | 285.5     | -.07       | 2.8       | 278.7     | .05        |
| 15:15 | 2.5       | 271.1     | -.97       | 3.2       | 269.7     | -1.19      | 3.1       | 281.0     | -1.39      |
| 15:20 | 5.3       | 332.8     | .37        | 4.4       | 350.7     | .38        | 4.6       | 341.9     | .38        |
| 15:25 | 3.2       | 12.3      | -.52       | 3.3       | 344.0     | -.46       | 3.8       | 346.4     | -.46       |
| 15:30 | 3.6       | 314.0     | .17        | 3.3       | 309.9     | .20        |           |           | .23        |
| 15:35 |           |           | -.46       | 3.2       | 326.6     | -.69       |           |           | -.78       |
| 15:40 |           |           | -.04       | 2.1       | 27.1      | .10        | 1.3       | 24.2      | .08        |
| 15:45 |           |           | -.93       | 3.5       | 200.7     | -1.12      | 1.6       | 212.1     | -1.28      |
| 15:50 |           |           | .19        | 4.1       | 161.2     | .30        | 3.4       | 173.8     | .50        |
| 15:55 | 4.7       | 69.4      | -1.01      | 4.6       | 57.1      | -1.36      | 6.1       | 61.0      | -1.72      |
| 16:00 |           |           | .26        | 4.5       | 330.2     | .40        | 4.1       | 310.1     | .47        |
| 16:05 |           |           | -.31       | 3.0       | 342.7     | -.28       | 2.4       | 354.1     | -.22       |
| 16:10 | 2.0       | 283.6     | -.51       | 2.8       | 289.1     | -.57       | 2.7       | 291.3     | -.85       |
| 16:15 |           |           | -1.02      | 3.0       | 302.1     | -.97       |           |           | -1.11      |
| 16:20 |           |           | -.18       | 2.2       | 22.5      | -.19       | 3.4       | 37.9      | -.32       |
| 16:25 |           |           | .16        | 3.1       | 3.1       | .08        | 3.7       | 336.8     | -.02       |
| 16:30 |           |           | -.32       |           |           | -.33       |           |           | -.39       |
| 16:35 | 3.5       | 298.9     | -.78       | 3.5       | 302.3     | -.83       | 3.7       | 297.0     | -.81       |
| 16:40 | 3.2       | 265.7     | -.03       | 4.0       | 265.8     | .00        | 4.1       | 268.5     | -.12       |
| 16:45 |           |           | -.20       | 6.1       | 268.8     | -.23       | 3.2       | 272.4     | -.17       |
| 16:50 | 3.7       | 289.0     | -.04       | 4.0       | 291.6     | -.01       | 3.6       | 294.8     | -.03       |
| 16:55 | 2.4       | 320.6     | -.54       | 3.0       | 312.8     | -.53       | 3.2       | 311.1     | -.64       |
| 17:00 | 1.8       | 4.9       | -.31       | 3.0       | 20.8      | -.23       | 2.9       | 29.5      | -.34       |
| 17:05 | 3.2       | 330.8     | .22        | 3.3       | 326.0     | .00        | 3.9       | 329.3     | -.20       |
| 17:10 | 2.2       | 284.1     | -.14       | 3.2       | 285.6     | -.25       | 3.6       | 286.0     | -.15       |
| 17:15 | 3.7       | 293.9     | .15        | 4.4       | 303.9     | .31        | 5.2       | 291.1     | .32        |
| 17:20 |           |           | .49        | 3.0       | 281.2     | .64        |           |           | .65        |
| 17:25 |           |           | .43        | 5.1       | 268.1     | .51        |           |           | .57        |
| 17:30 | 4.1       | 249.7     | .00        | 3.6       | 255.9     | -.05       | 4.6       | 257.8     | -.11       |
| 17:35 | 2.3       | 273.5     | -.48       | 3.1       | 278.5     | -.53       | 4.6       | 275.6     | -.63       |
| 17:40 |           |           | .60        | 3.3       | 314.5     | .71        | 3.7       | 312.2     | .72        |
| 17:45 |           |           | -.06       | 1.4       | 358.7     | -.03       |           |           | .08        |
| 17:50 | 1.6       | 300.6     | .27        | 2.6       | 288.3     | .35        | 2.1       | 308.6     | .35        |
| 17:55 |           |           | .04        | 2.0       | 264.3     | .14        | 3.4       | 265.2     | .32        |
| 18:00 |           |           | -.10       | 2.8       | 229.8     | -.14       |           |           | -.19       |
| 18:05 |           |           | .05        | 4.8       | 332.6     | .11        | 4.3       | 334.0     | -.02       |
| 18:10 | 3.3       | 21.8      | .00        | 2.6       | 354.2     | .01        | 2.7       | 338.2     | .02        |

|       | 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 | 2.0       | 9.8       | -.65       | 2.0       | 358.4     | -.98       | 2.4       | 12.0      | -1.11      |
| 18:20 |           |           | .23        | 4.2       | 284.4     | .36        | 4.0       | 291.1     | .48        |
| 18:25 | 3.9       | 295.8     | -.23       | 4.3       | 301.6     | -.27       | 5.1       | 301.7     | -.41       |
| 18:30 |           |           | .26        | 3.2       | 307.3     | .24        | 3.0       | 311.5     | .15        |
| 18:35 | 3.6       | 264.6     | -.16       | 3.0       | 265.1     | -.13       | 3.8       | 265.5     | -.01       |
| 18:40 |           |           | .25        | 3.7       | 269.1     | .29        | 3.7       | 270.8     | .28        |
| 18:45 | 2.6       | 263.8     | -.02       | 2.9       | 268.6     | -.04       | 3.2       | 271.3     | .05        |
| 18:50 |           |           | -.28       | 4.4       | 260.9     | -.32       |           |           | -.34       |
| 18:55 |           |           | -.23       | 4.6       | 272.5     | -.27       | 4.1       | 272.7     | -.28       |
| 19:00 |           |           | -.08       | 3.5       | 278.9     | -.11       | 3.4       | 280.9     | -.06       |
| 19:05 | 2.7       | 287.7     | -.22       | 3.0       | 287.2     | -.36       | 3.2       | 289.2     | -.47       |
| 19:10 |           |           | .09        |           |           | .06        |           |           | .01        |
| 19:15 |           |           | -.05       | 2.5       | 347.5     | -.19       |           |           | -.33       |
| 19:20 |           |           | -.15       |           |           | -.20       | 2.9       | 323.6     | -.27       |
| 19:25 |           |           | .05        |           |           | .03        |           |           | -.10       |
| 19:30 | 2.1       | 328.4     | -.03       | 2.3       | 328.9     | -.05       | 2.6       | 340.5     | -.14       |
| 19:35 | 3.8       | 347.2     | -.11       | 3.4       | 332.9     | -.04       | 4.2       | 334.4     | .02        |
| 19:40 |           |           | -.01       | 4.1       | 323.2     | .02        | 4.1       | 327.5     | .02        |
| 19:45 |           |           | .15        | 4.6       | 324.4     | .11        | 4.9       | 326.2     | .13        |
| 19:50 |           |           | .13        | 4.0       | 323.4     | .14        | 5.0       | 317.7     | .05        |
| 19:55 |           |           | -.11       | 3.9       | 319.8     | -.07       | 3.7       | 323.3     | -.14       |
| 20:00 | 3.6       | 320.9     | .01        | 4.0       | 319.9     | -.06       | 4.2       | 320.4     | -.09       |
| 20:05 |           |           | -.09       |           |           | -.06       |           |           | -.07       |
| 20:10 |           |           | -.05       |           |           | -.05       |           |           | -.04       |
| 20:15 |           |           | -.01       |           |           | -.03       |           |           | -.06       |
| 20:20 |           |           | .00        |           |           | .01        |           |           | .00        |
| 20:25 |           |           | -.03       | 2.8       | 355.1     | -.08       | 3.0       | 358.5     | -.14       |
| 20:30 |           |           | -.10       | 3.0       | 350.4     | -.07       |           |           | -.07       |
| 20:35 |           |           | .02        |           |           | .03        | 3.2       | 334.8     | -.01       |
| 20:40 | 2.2       | 16.8      | .10        | 2.4       | 11.2      | .04        | 2.8       | .5        | .13        |
| 20:45 |           |           | .05        | 3.3       | 9.4       | .05        | 3.6       | 356.2     | .14        |
| 20:50 |           |           | -.01       | 2.4       | 2.7       | .04        | 2.2       | 2.5       | .07        |
| 20:55 |           |           | -.08       | 2.6       | 3.9       | -.13       | 2.7       | 9.0       | -.23       |
| 21:00 | 2.1       | 359.8     | -.10       | 2.9       | 7.2       | -.08       | 3.3       | 2.0       | -.04       |
| 21:05 |           |           | -.07       | 2.9       | 359.4     | -.03       | 3.4       | 8.3       | .05        |
| 21:10 |           |           | -.09       | 2.8       | 354.8     | -.08       | 2.6       | 350.8     | -.10       |
| 21:15 |           |           | -.09       | 2.6       | 352.7     | -.05       | 2.9       | 359.9     | -.02       |
| 21:20 | 2.2       | 352.8     | -.08       | 2.2       | 352.9     | -.10       | 2.6       | 357.8     | -.07       |
| 21:25 | 1.9       | 345.0     | -.02       | 2.0       | 348.7     | .04        | 2.3       | 356.5     | .03        |
| 21:30 |           |           | -.13       | 1.7       | 347.5     | -.07       | 2.1       | 1.7       | -.12       |
| 21:35 | .8        | 346.6     | -.14       | 1.5       | 7.0       | -.15       | 1.5       | 9.4       | -.17       |
| 21:40 | 1.4       | 65.9      | .05        | 1.6       | 56.6      | .02        | 1.7       | 54.1      | .03        |
| 21:45 | .7        | 349.1     | -.14       | 1.0       | 54.6      | -.13       | 1.3       | 54.1      | -.10       |
| 21:50 | 1.3       | 17.0      | -.02       | 1.7       | 25.2      | -.05       | 2.1       | 30.2      | -.01       |
| 21:55 | 1.4       | 25.7      | -.17       | 1.5       | 23.6      | -.09       | 1.9       | 26.2      | -.13       |
| 22:00 | 1.0       | 316.3     | -.05       | 1.1       | 8.1       | -.03       | 1.7       | 21.4      | -.01       |
| 22:05 | .8        | 311.2     | -.02       | .9        | 6.8       | -.05       | 1.4       | 21.9      | -.02       |
| 22:10 | .4        | 334.7     | -.01       | .8        | 356.8     | .00        | 1.1       | 22.3      | -.01       |
| 22:15 | .8        | 16.0      | -.04       | .8        | 20.8      | -.03       | 1.2       | 24.6      | -.02       |
| 22:20 | .9        | 1.8       | .03        | .9        | 15.3      | .02        | 1.2       | 42.5      | -.01       |
| 22:25 | 1.2       | 345.8     | -.02       | 1.0       | 24.7      | -.02       | 1.2       | 41.1      | -.04       |
| 22:30 | 1.2       | 349.2     | -.01       | 1.0       | 26.1      | -.02       | 1.3       | 50.0      | .01        |
| 22:35 | .8        | 352.5     | -.04       | 1.2       | 47.7      | -.06       | 1.8       | 48.8      | -.08       |
| 22:40 | 1.2       | 17.2      | -.07       | 1.7       | 39.5      | -.06       | 2.3       | 45.9      | -.06       |
| 22:45 | 1.0       | 31.3      | -.08       | 1.5       | 49.0      | -.03       | 2.1       | 54.0      | .01        |
| 22:50 | 1.0       | 44.2      | -.03       | 1.5       | 43.9      | -.01       | 2.1       | 51.4      | -.04       |



## Daily Summary Report

Site: Lidar "Q" (PAM35)

4/3/2022

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 | 4.3       | 277.4     | .08        | 4.9       | 277.8     | .05        | 5.2       | 278.8     | .07        |
| 00:05 | 4.5       | 278.2     | .08        | 4.9       | 277.5     | .06        | 5.4       | 277.5     | .09        |
| 00:10 | 4.2       | 278.8     | -.06       | 4.7       | 279.1     | -.04       | 5.1       | 278.5     | -.06       |
| 00:15 | 4.0       | 282.0     | -.03       | 4.5       | 280.0     | -.03       | 5.2       | 279.9     | -.04       |
| 00:20 | 4.8       | 281.1     | -.02       | 5.6       | 279.4     | .02        | 6.4       | 277.4     | .02        |
| 00:25 | 4.4       | 281.8     | -.05       | 5.2       | 278.8     | -.02       | 5.6       | 276.6     | -.01       |
| 00:30 | 4.0       | 280.6     | .07        | 4.6       | 279.0     | .11        | 5.1       | 276.6     | .11        |
| 00:35 | 3.7       | 277.9     | -.01       | 4.4       | 274.5     | -.02       | 5.2       | 271.3     | .02        |
| 00:40 | 3.2       | 279.7     | .01        | 3.7       | 276.3     | .01        | 4.1       | 274.7     | .04        |
| 00:45 | 2.7       | 276.5     | .06        | 3.3       | 274.3     | .02        | 4.0       | 271.4     | .00        |
| 00:50 | 2.2       | 270.1     | -.01       | 2.8       | 268.5     | -.03       | 3.2       | 267.2     | .01        |
| 00:55 | 2.0       | 258.8     | .03        | 2.3       | 257.1     | .09        | 3.0       | 255.7     | .07        |
| 01:00 | 1.7       | 246.3     | .03        | 2.2       | 243.6     | .04        | 2.7       | 246.8     | .08        |
| 01:05 | 1.9       | 244.5     | .01        | 2.5       | 247.4     | -.02       | 2.9       | 248.2     | .00        |
| 01:10 | 2.1       | 238.1     | .02        | 2.6       | 241.4     | .07        | 3.2       | 249.9     | .14        |
| 01:15 | 2.5       | 237.4     | .07        | 2.9       | 241.2     | .13        | 3.6       | 251.7     | .13        |
| 01:20 | 2.4       | 238.3     | .06        | 3.1       | 247.3     | .08        | 3.3       | 250.6     | .08        |
| 01:25 | 2.7       | 241.4     | .12        | 3.5       | 246.2     | .11        | 4.1       | 245.9     | .14        |
| 01:30 | 2.7       | 239.6     | .06        | 3.3       | 241.0     | .07        | 3.9       | 241.1     | .09        |
| 01:35 | 2.4       | 229.1     | .06        | 2.9       | 231.9     | .10        | 3.9       | 238.9     | .13        |
| 01:40 | 2.9       | 231.7     | .04        | 3.6       | 235.8     | .07        | 3.9       | 239.9     | .10        |
| 01:45 | 4.0       | 235.1     | .12        | 4.5       | 238.3     | .13        | 4.6       | 240.4     | .11        |
| 01:50 | 4.3       | 230.2     | .08        |           |           | .12        |           |           | .11        |
| 01:55 | 4.5       | 233.8     | .09        | 5.1       | 237.5     | .10        | 5.8       | 242.1     | .10        |
| 02:00 | 4.2       | 231.3     | .10        | 4.9       | 234.2     | .12        | 5.5       | 239.3     | .08        |
| 02:05 | 4.6       | 232.9     | .03        | 5.3       | 234.1     | .07        | 5.8       | 237.9     | .06        |
| 02:10 | 4.8       | 237.9     | .16        | 5.4       | 238.1     | .14        | 6.3       | 241.8     | .17        |
| 02:15 | 5.0       | 235.3     | .08        | 5.6       | 236.4     | .09        | 6.2       | 238.2     | .06        |
| 02:20 | 4.9       | 235.3     | .06        | 5.8       | 238.2     | .04        | 6.2       | 241.0     | .05        |
| 02:25 | 5.2       | 236.3     | .04        | 6.0       | 238.9     | .03        | 6.2       | 242.6     | .07        |
| 02:30 | 5.3       | 240.2     | .10        | 5.9       | 242.9     | .11        | 6.1       | 244.7     | .03        |
| 02:35 | 5.2       | 241.7     | .08        | 5.9       | 242.1     | .07        | 6.1       | 245.0     | .08        |
| 02:40 | 5.2       | 240.0     | .15        | 5.7       | 242.2     | .15        | 6.2       | 245.9     | .17        |
| 02:45 | 4.8       | 245.4     | .14        | 5.5       | 246.0     | .13        | 5.9       | 247.1     | .13        |
| 02:50 | 4.1       | 251.4     | .04        | 4.9       | 249.3     | .05        | 5.8       | 250.2     | .05        |
| 02:55 | 3.8       | 256.2     | .08        | 4.7       | 253.6     | .14        | 5.3       | 252.0     | .13        |
| 03:00 | 3.7       | 255.8     | .17        | 4.4       | 255.4     | .22        | 4.8       | 254.8     | .21        |
| 03:05 | 3.2       | 255.4     | .07        | 3.7       | 253.9     | .07        | 4.5       | 252.6     | .12        |
| 03:10 | 3.1       | 257.6     | .12        | 3.8       | 253.2     | .12        | 4.6       | 252.6     | .13        |
| 03:15 | 2.7       | 267.2     | .04        | 3.5       | 262.6     | .09        | 4.2       | 257.7     | .13        |
| 03:20 | 2.8       | 274.2     | .02        | 3.4       | 268.6     | .03        | 4.1       | 263.0     | .04        |
| 03:25 | 3.1       | 292.5     | .01        | 3.5       | 287.6     | .04        | 3.8       | 285.5     | .07        |
| 03:30 | 3.9       | 289.0     | .05        | 4.0       | 290.1     | .08        | 4.3       | 291.3     | .11        |
| 03:35 | 3.6       | 305.3     | .03        | 3.9       | 303.2     | .05        | 4.8       | 301.3     | .03        |
| 03:40 | 3.4       | 303.7     | .06        | 4.1       | 301.4     | .09        | 4.7       | 304.3     | .08        |
| 03:45 | 3.7       | 306.1     | .08        | 4.3       | 306.6     | .04        | 4.8       | 308.4     | .06        |
| 03:50 | 3.9       | 306.4     | .02        | 4.5       | 306.4     | .03        | 5.0       | 306.1     | .01        |
| 03:55 | 4.8       | 303.4     | .03        | 5.6       | 303.4     | .04        | 6.4       | 302.7     | .07        |
| 04:00 | 6.1       | 299.5     | -.05       | 6.4       | 300.9     | -.09       | 7.1       | 302.3     | -.01       |
| 04:05 | 6.4       | 304.7     | .04        | 6.9       | 306.4     | .19        | 7.4       | 306.8     | .14        |
| 04:10 | 6.7       | 305.6     | .03        | 7.0       | 307.2     | .02        | 7.8       | 308.4     | .02        |

|       | 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 | 6.6       | 309.6     | -.02       | 6.9       | 310.8     | -.06       | 7.3       | 311.2     | -.05       |
| 04:20 | 6.6       | 303.5     | .01        | 7.3       | 305.1     | .04        | 7.7       | 308.2     | .05        |
| 04:25 | 6.7       | 301.6     | .13        | 6.8       | 307.2     | .16        | 7.3       | 310.5     | .12        |
| 04:30 | 6.9       | 308.6     | .11        | 7.4       | 311.5     | .11        | 7.9       | 313.0     | .03        |
| 04:35 | 7.7       | 309.2     | .15        | 8.1       | 311.3     | .10        | 8.5       | 314.3     | .10        |
| 04:40 | 8.1       | 313.7     | .12        | 8.5       | 314.3     | .12        | 9.2       | 315.2     | .05        |
| 04:45 | 8.8       | 310.7     | -.11       | 9.3       | 313.3     | -.06       | 9.9       | 313.7     | -.05       |
| 04:50 | 8.3       | 311.8     | .04        | 8.9       | 315.2     | .06        | 9.6       | 315.3     | -.01       |
| 04:55 | 8.5       | 317.4     | .27        | 9.1       | 315.7     | .22        | 9.4       | 317.2     | .19        |
| 05:00 | 8.8       | 319.5     | .13        | 9.6       | 318.8     | .21        | 10.0      | 319.5     | .27        |
| 05:05 | 9.0       | 319.5     | .23        | 9.5       | 320.8     | .18        | 9.8       | 322.2     | .12        |
| 05:10 | 7.4       | 323.1     | .21        | 7.8       | 321.3     | .25        | 8.3       | 320.9     | .25        |
| 05:15 | 7.2       | 320.6     | .04        | 8.0       | 322.0     | .10        | 8.5       | 326.1     | .16        |
| 05:20 | 7.3       | 321.6     | .01        | 7.7       | 322.0     | -.01       | 8.1       | 321.5     | -.03       |
| 05:25 | 7.9       | 318.5     | .01        | 8.5       | 319.3     | .00        | 8.8       | 320.6     | .05        |
| 05:30 | 8.6       | 316.0     | .21        | 9.0       | 316.3     | .21        | 9.4       | 316.7     | .14        |
| 05:35 | 8.3       | 313.8     | .12        | 8.8       | 313.3     | .17        | 9.1       | 314.6     | .09        |
| 05:40 | 9.5       | 310.0     | .17        | 9.9       | 311.1     | .13        | 10.3      | 313.2     | .13        |
| 05:45 | 8.7       | 310.7     | .16        | 9.1       | 311.4     | .05        | 9.4       | 314.5     | .02        |
| 05:50 | 7.9       | 312.7     | -.02       | 8.5       | 314.6     | .10        | 8.8       | 315.7     | .17        |
| 05:55 | 8.1       | 313.1     | .10        | 8.5       | 313.5     | .09        | 9.1       | 314.7     | .14        |
| 06:00 | 7.2       | 311.8     | .08        | 7.7       | 313.3     | -.07       | 8.0       | 315.0     | -.06       |
| 06:05 | 7.1       | 311.8     | .07        | 7.3       | 313.8     | .02        | 7.7       | 315.7     | .00        |
| 06:10 | 6.7       | 313.9     | .17        | 7.0       | 314.1     | .07        | 7.5       | 315.4     | -.01       |
| 06:15 | 7.0       | 313.3     | .09        | 7.2       | 315.0     | .11        | 7.7       | 316.2     | .05        |
| 06:20 | 6.9       | 312.4     | .00        | 7.3       | 312.6     | -.06       | 7.6       | 313.1     | -.04       |
| 06:25 | 6.8       | 310.6     | .05        | 7.2       | 312.4     | .01        | 7.6       | 314.9     | .07        |
| 06:30 | 6.2       | 312.3     | -.10       | 6.8       | 314.2     | .02        | 7.4       | 315.0     | .04        |
| 06:35 | 6.4       | 312.6     | .10        | 6.8       | 313.2     | .12        | 7.4       | 312.6     | .10        |
| 06:40 | 7.0       | 314.5     | .03        | 7.4       | 315.5     | -.01       | 7.9       | 315.0     | .02        |
| 06:45 | 6.8       | 315.5     | -.10       | 7.3       | 316.3     | .00        | 7.9       | 317.0     | -.01       |
| 06:50 | 6.6       | 316.7     | .13        | 6.9       | 318.4     | -.03       | 7.6       | 317.2     | -.07       |
| 06:55 | 6.9       | 321.8     | .28        | 7.2       | 322.7     | .26        | 7.6       | 323.3     | .19        |
| 07:00 | 7.1       | 317.2     | .07        | 7.3       | 318.3     | .14        | 7.7       | 319.2     | .11        |
| 07:05 | 6.8       | 315.4     | -.01       | 7.3       | 317.7     | .01        | 7.8       | 319.1     | .09        |
| 07:10 | 6.8       | 316.6     | .00        | 7.1       | 315.5     | .09        | 7.3       | 316.0     | .06        |
| 07:15 | 6.7       | 313.9     | .00        | 7.3       | 314.0     | -.07       | 7.7       | 315.4     | -.03       |
| 07:20 | 6.6       | 313.6     | -.11       | 7.1       | 314.4     | -.10       | 7.7       | 314.8     | -.13       |
| 07:25 | 6.6       | 314.2     | -.14       | 7.0       | 316.8     | -.19       | 7.4       | 319.6     | -.17       |
| 07:30 | 6.1       | 317.7     | -.08       | 6.4       | 317.2     | -.10       | 6.7       | 318.0     | -.11       |
| 07:35 | 5.8       | 321.3     | -.18       | 6.4       | 319.4     | -.21       | 6.9       | 322.3     | -.30       |
| 07:40 | 5.7       | 317.4     | -.03       | 6.5       | 318.4     | -.03       | 7.0       | 319.0     | -.02       |
| 07:45 | 5.6       | 321.5     | .23        | 5.9       | 321.0     | .20        | 6.1       | 319.9     | .14        |
| 07:50 | 5.0       | 315.8     | .10        | 5.5       | 316.5     | .03        | 6.1       | 316.5     | .01        |
| 07:55 | 5.1       | 315.6     | .12        | 5.5       | 316.8     | .07        | 5.7       | 319.8     | .02        |
| 08:00 | 5.4       | 312.9     | .15        | 5.7       | 314.7     | .15        | 6.0       | 317.2     | .11        |
| 08:05 | 5.2       | 314.9     | -.03       | 6.0       | 311.4     | -.04       |           |           | -.06       |
| 08:10 | 4.5       | 317.9     | -.04       | 5.0       | 319.7     | -.05       | 5.4       | 321.2     | -.05       |
| 08:15 | 4.1       | 318.0     | -.16       | 4.3       | 319.2     | -.18       | 4.3       | 319.8     | -.20       |
| 08:20 | 3.5       | 326.0     | .03        | 3.8       | 329.6     | -.01       |           |           | -.06       |
| 08:25 | 3.5       | 320.8     | -.15       | 3.8       | 319.3     | -.09       | 3.9       | 321.1     | -.13       |
| 08:30 | 4.4       | 312.3     | .02        | 4.6       | 312.8     | -.01       | 5.1       | 315.0     | -.08       |
| 08:35 | 4.8       | 311.4     | .02        | 5.1       | 313.6     | .00        | 5.3       | 317.6     | -.02       |
| 08:40 | 5.0       | 311.7     | -.06       | 5.3       | 313.3     | -.12       | 5.4       | 315.6     | -.21       |
| 08:45 | 3.5       | 317.7     | -.15       | 3.6       | 324.1     | -.19       | 4.0       | 324.6     | -.15       |
| 08:50 | 2.5       | 309.0     | -.06       | 3.0       | 317.6     | -.21       | 3.5       | 322.0     | -.23       |

|       | 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       | 327.5     | -.06       | 2.1       | 326.4     | -.08       | 2.5       | 331.0     | -.09       |
| 09:00 | 2.2       | 311.9     | -.10       | 2.6       | 318.5     | -.20       | 3.8       | 312.3     | -.23       |
| 09:05 | 2.0       | 336.4     | -.16       | 2.4       | 340.4     | -.28       | 2.5       | 340.9     | -.29       |
| 09:10 | 2.1       | .0        | -.37       | 2.3       | 356.7     | -.43       | 2.5       | 358.2     | -.54       |
| 09:15 | 2.4       | 332.8     | .06        | 2.6       | 330.3     | .14        | 2.9       | 334.3     | .23        |
| 09:20 | 2.1       | 327.3     | -.20       | 2.2       | 326.3     | -.18       | 2.7       | 319.7     | -.22       |
| 09:25 | 3.5       | 326.5     | .18        | 3.1       | 325.8     | .20        | 2.8       | 328.2     | .13        |
| 09:30 | 2.3       | 328.0     | .51        | 2.3       | 328.2     | .49        | 2.5       | 327.6     | .50        |
| 09:35 | 2.3       | 339.6     | .37        | 2.4       | 334.5     | .45        | 2.7       | 336.0     | .59        |
| 09:40 | 2.4       | 336.5     | .12        | 2.6       | 325.6     | .23        |           |           | .20        |
| 09:45 | 1.7       | 18.3      | -.86       | 1.8       | 26.7      | -.85       | 1.2       | 29.8      | -.82       |
| 09:50 | 2.4       | 348.0     | -.24       | 2.7       | 336.8     | -.26       | 2.9       | 324.5     | -.46       |
| 09:55 | 2.5       | 354.2     | .06        | 3.0       | 353.6     | -.05       | 2.3       | 3.8       | -.13       |
| 10:00 | 2.2       | 11.2      | -.41       | 2.4       | 10.2      | -.42       | 2.0       | 6.4       | -.46       |
| 10:05 | 2.4       | 354.1     | -.25       | 1.9       | 23.5      | -.26       | 2.1       | 20.5      | -.23       |
| 10:10 | 2.8       | 345.7     | -.04       | 3.3       | 343.4     | -.05       | 4.5       | 341.9     | .01        |
| 10:15 | 3.0       | 313.1     | -.44       | 3.2       | 311.6     | -.43       | 2.8       | 312.9     | -.34       |
| 10:20 | 4.2       | 2.7       | .02        | 3.8       | 1.6       | .06        | 3.1       | 352.1     | -.16       |
| 10:25 | 2.9       | 14.9      | .43        | 2.9       | 28.0      | .52        |           |           | .62        |
| 10:30 | 3.3       | 320.5     | .33        | 4.5       | 319.7     | .38        |           |           | .35        |
| 10:35 | 2.7       | 356.2     | -.20       | 2.5       | 355.0     | -.33       |           |           | -.15       |
| 10:40 | 2.6       | 335.4     | -.50       | 2.4       | 326.4     | -.39       | 2.6       | 323.6     | -.48       |
| 10:45 | 1.3       | 4.2       | -.93       | 1.3       | 338.0     | -.62       |           |           | -.28       |
| 10:50 | 2.0       | 351.3     | -.41       |           |           | -.47       |           |           | -.20       |
| 10:55 |           |           | .23        |           |           | .42        |           |           | .23        |
| 11:00 |           |           | -.69       |           |           | -.86       |           |           | -.07       |
| 11:05 |           |           | -.85       |           |           | -1.23      |           |           | -1.15      |
| 11:10 |           |           | -.28       |           |           | -.44       |           |           | -.81       |
| 11:15 |           |           | .21        |           |           | -.40       |           |           |            |
| 11:20 |           |           | .70        |           |           | -.15       |           |           | -.46       |
| 11:25 |           |           | .52        |           |           | .45        |           |           |            |
| 11:30 |           |           | -.75       |           |           | -1.15      |           |           | -1.26      |
| 11:35 |           |           | -.51       |           |           | -.74       |           |           | -1.81      |
| 11:40 |           |           | -.76       |           |           | -1.31      |           |           | -.89       |
| 11:45 |           |           | -1.38      |           |           | -1.63      |           |           | -.01       |
| 11:50 |           |           | -.79       |           |           | -1.06      |           |           | .10        |
| 11:55 |           |           | -.69       |           |           | -.70       |           |           | -1.09      |
| 12:00 |           |           | -.09       |           |           | .62        |           |           |            |
| 12:05 |           |           | -1.18      |           |           | -1.36      |           |           | -1.36      |
| 12:10 |           |           | .18        |           |           | -.16       |           |           | .19        |
| 12:15 |           |           | -.24       |           |           | .12        |           |           |            |
| 12:20 |           |           | -.81       |           |           | -.60       |           |           | -2.04      |
| 12:25 |           |           | -.78       |           |           | -.92       |           |           | -1.15      |
| 12:30 |           |           | -.19       |           |           | -.21       |           |           | -.68       |
| 12:35 |           |           | -.03       |           |           | -.23       |           |           | .46        |
| 12:40 |           |           | .02        |           |           | -.41       |           |           |            |
| 12:45 |           |           | 1.03       |           |           | .99        |           |           |            |
| 12:50 |           |           | -.47       |           |           | -1.03      |           |           | -.15       |
| 12:55 |           |           | .51        |           |           | .62        |           |           | 1.14       |
| 13:00 | 2.2       | 233.2     | -.95       |           |           | -.98       |           |           | -.80       |
| 13:05 |           |           | -.68       |           |           | -1.04      |           |           | -2.99      |
| 13:10 |           |           | .34        |           |           | .38        |           |           | -.13       |
| 13:15 | 4.5       | 192.5     | -.44       |           |           | -.50       |           |           | -1.32      |
| 13:20 |           |           | 1.08       |           |           | 1.22       |           |           | -.12       |
| 13:25 |           |           | .70        |           |           | .65        |           |           | 1.32       |
| 13:30 |           |           | -.17       |           |           | -.20       |           |           | -.65       |

|       | 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 | 4.1       | 265.5     | -41        |           |           | -41        |           |           |            |
| 13:40 |           |           | -66        |           |           | -39        |           |           | -16        |
| 13:45 |           |           | -1.12      |           |           | -1.24      |           |           | -49        |
| 13:50 |           |           | -33        |           |           | .13        |           |           | 1.10       |
| 13:55 |           |           | -14        |           |           | .06        |           |           | -.02       |
| 14:00 |           |           | 1.42       |           |           | 1.71       |           |           | 1.98       |
| 14:05 |           |           | -50        |           |           | -1.61      |           |           | .37        |
| 14:10 |           |           | .14        |           |           | .39        |           |           | 1.26       |
| 14:15 |           |           | -1.71      |           |           | -1.86      |           |           | -2.82      |
| 14:20 |           |           | -89        |           |           | -1.09      |           |           | -1.18      |
| 14:25 |           |           | -70        |           |           | -63        |           |           | -2.07      |
| 14:30 |           |           | -09        |           |           | -36        |           |           | .41        |
| 14:35 |           |           | 1.11       |           |           | 1.12       |           |           | 2.38       |
| 14:40 |           |           | .53        |           |           | .55        |           |           | .85        |
| 14:45 |           |           | .21        |           |           | -40        |           |           | -1.82      |
| 14:50 |           |           | -1.07      |           |           | -68        |           |           | -1.38      |
| 14:55 |           |           | -24        |           |           | .03        |           |           | -.81       |
| 15:00 |           |           | .11        |           |           | -.04       |           |           | -1.49      |
| 15:05 | 2.1       | 258.8     | .12        |           |           | -27        |           |           | -.93       |
| 15:10 |           |           | .61        |           |           | .77        |           |           |            |
| 15:15 |           |           | -1.76      |           |           | -2.19      |           |           | -2.15      |
| 15:20 |           |           | .36        |           |           | .44        |           |           | .14        |
| 15:25 |           |           | -64        |           |           | -31        |           |           | .39        |
| 15:30 |           |           | .21        |           |           | -17        |           |           | -.49       |
| 15:35 |           |           | -.79       |           |           | -62        |           |           | -1.18      |
| 15:40 |           |           | .31        |           |           | .64        |           |           | 1.83       |
| 15:45 | 4.5       | 167.0     | -1.39      |           |           | -1.40      |           |           | -1.04      |
| 15:50 |           |           | .46        |           |           | .21        |           |           | .39        |
| 15:55 | 5.1       | 68.8      | -2.36      |           |           | -3.01      |           |           | -2.86      |
| 16:00 |           |           | .71        |           |           | .76        |           |           | 1.22       |
| 16:05 |           |           | -.41       |           |           | -.59       |           |           | .51        |
| 16:10 | 3.5       | 289.9     | -1.24      |           |           | -1.49      |           |           |            |
| 16:15 |           |           | -1.47      |           |           | -1.81      |           |           | -1.21      |
| 16:20 | 1.9       | 21.7      | -.61       |           |           | -.53       |           |           | -.84       |
| 16:25 |           |           | -.12       |           |           | -1.00      |           |           | -1.90      |
| 16:30 |           |           | -.55       |           |           | -.70       |           |           | -1.47      |
| 16:35 | 3.2       | 313.6     | -1.01      |           |           | -1.26      |           |           | -1.69      |
| 16:40 |           |           | -.08       |           |           | -.24       |           |           | .73        |
| 16:45 |           |           | .03        |           |           | .34        |           |           | -.59       |
| 16:50 | 4.8       | 297.8     | .11        |           |           | .29        |           |           | -.26       |
| 16:55 | 3.5       | 311.0     | -.70       |           |           | -.92       |           |           | -1.44      |
| 17:00 |           |           | -.65       |           |           | -1.13      |           |           | -1.62      |
| 17:05 | 3.7       | 322.3     | -.19       |           |           | -.42       |           |           | .54        |
| 17:10 | 1.6       | 297.4     | -.24       |           |           | -.01       |           |           | -.04       |
| 17:15 |           |           | .14        |           |           | .19        |           |           | -.98       |
| 17:20 |           |           | .77        |           |           | .79        |           |           | 1.32       |
| 17:25 |           |           | .48        |           |           | .38        |           |           | .10        |
| 17:30 |           |           | -.24       |           |           | -.37       |           |           | -.72       |
| 17:35 |           |           | -.72       |           |           | -1.02      |           |           | -1.31      |
| 17:40 | 4.4       | 306.6     | .78        |           |           | 1.31       |           |           |            |
| 17:45 | 1.9       | 330.1     | .28        |           |           | .24        |           |           | .04        |
| 17:50 |           |           | .34        |           |           | .46        |           |           | -.62       |
| 17:55 | 1.8       | 276.9     | .35        |           |           | .63        |           |           | 1.38       |
| 18:00 |           |           | -.24       |           |           | -.37       |           |           | .16        |
| 18:05 | 3.5       | 351.9     | -.14       |           |           | -.40       |           |           | -1.40      |
| 18:10 |           |           | .15        |           |           | .28        |           |           | .27        |



|       | 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 |           |           | -1.29      |           |           | -1.17      |           |           | -2.11      |
| 18:20 | 5.4       | 287.7     | .51        |           |           | .21        |           |           | 1.03       |
| 18:25 | 3.1       | 318.9     | -.65       |           |           | -.52       |           |           | -.65       |
| 18:30 | 2.3       | 316.5     | .09        |           |           | .13        |           |           | .97        |
| 18:35 |           |           | -.06       |           |           | -.18       |           |           | -.99       |
| 18:40 | 4.1       | 276.9     | .43        | 4.1       | 274.9     | .15        |           |           | .32        |
| 18:45 | 3.8       | 273.0     | .03        | 3.9       | 272.4     | .13        |           |           | -.01       |
| 18:50 |           |           | -.44       |           |           | -.67       |           |           | -1.06      |
| 18:55 |           |           | -.33       |           |           | -.45       |           |           | -.67       |
| 19:00 |           |           | .00        |           |           | -.14       |           |           | -.41       |
| 19:05 | 4.1       | 291.9     | -.63       |           |           | -.78       |           |           | -1.47      |
| 19:10 |           |           | .08        |           |           | -.19       |           |           | -.12       |
| 19:15 |           |           | -.49       |           |           | -.48       |           |           | -.27       |
| 19:20 |           |           | -.36       |           |           | -.35       |           |           | 1.51       |
| 19:25 |           |           | -.16       |           |           | -.30       |           |           | -.25       |
| 19:30 | 3.0       | 324.7     | -.07       |           |           | .03        |           |           | -.38       |
| 19:35 |           |           | .21        |           |           | .14        |           |           |            |
| 19:40 |           |           | -.10       |           |           | -.23       |           |           | -.43       |
| 19:45 |           |           | .38        |           |           |            |           |           |            |
| 19:50 |           |           | .04        |           |           | .32        |           |           | -.01       |
| 19:55 |           |           | -.09       |           |           | -.03       |           |           |            |
| 20:00 |           |           | -.10       |           |           | -.50       |           |           | -.07       |
| 20:05 |           |           | -.10       |           |           | .02        |           |           | .04        |
| 20:10 |           |           | .00        |           |           | -.12       |           |           | 1.90       |
| 20:15 |           |           | -.13       |           |           | .06        |           |           | .12        |
| 20:20 |           |           | -.03       |           |           | -.13       |           |           | -.11       |
| 20:25 |           |           | -.13       |           |           | -.29       |           |           | -.06       |
| 20:30 |           |           | -.11       |           |           | -.21       |           |           | -.14       |
| 20:35 |           |           | -.06       |           |           | .04        |           |           | -.11       |
| 20:40 | 3.2       | 17.6      | .03        |           |           | -.07       |           |           | -.09       |
| 20:45 |           |           | .17        |           |           | .17        |           |           | .32        |
| 20:50 |           |           | .03        |           |           | .05        |           |           | .15        |
| 20:55 | 3.6       | 10.3      | -.30       |           |           | .02        |           |           | -.31       |
| 21:00 | 2.7       | 16.0      | -.02       |           |           | .31        |           |           | .09        |
| 21:05 |           |           | .03        |           |           | .22        |           |           | .65        |
| 21:10 |           |           | .08        |           |           | .10        |           |           | .22        |
| 21:15 | 2.3       | 6.1       | -.01       |           |           | .04        |           |           | -.46       |
| 21:20 | 2.8       | 345.8     | .01        |           |           | .22        |           |           | .01        |
| 21:25 | 2.1       | 357.3     | .05        |           |           | .00        |           |           | -.22       |
| 21:30 |           |           | -.06       |           |           | -.10       |           |           | -.42       |
| 21:35 | 2.0       | 24.0      | -.16       |           |           | -.26       |           |           | -.46       |
| 21:40 | 1.8       | 52.4      | .04        |           |           | .03        |           |           | .05        |
| 21:45 | 1.3       | 33.1      | -.11       | 2.2       | 5.6       | -.06       |           |           | .06        |
| 21:50 | 2.2       | 23.4      | -.08       | 1.8       | 12.7      | -.14       |           |           | -.07       |
| 21:55 | 2.2       | 22.9      | -.13       | 2.5       | 25.6      | -.23       |           |           | -.37       |
| 22:00 | 2.3       | 25.0      | -.01       | 2.7       | 30.5      | -.06       |           |           | -.18       |
| 22:05 | 2.1       | 24.2      | -.07       | 2.6       | 33.2      | -.08       |           |           | -.05       |
| 22:10 | 1.8       | 11.9      | .00        |           |           | -.03       |           |           | -.25       |
| 22:15 | 1.6       | 32.3      | -.02       | 2.2       | 45.8      | -.06       |           |           | -.04       |
| 22:20 | 1.3       | 49.1      | -.02       | 1.8       | 55.9      | .00        | 1.2       | 40.8      | .02        |
| 22:25 | 1.8       | 51.3      | -.06       |           |           | -.01       |           |           | -.05       |
| 22:30 | 1.7       | 52.8      | -.06       | 1.9       | 55.7      | -.04       |           |           | -.16       |
| 22:35 | 2.3       | 51.2      | -.07       | 2.8       | 54.6      | .01        |           |           | .06        |
| 22:40 | 2.8       | 48.3      | -.04       | 2.8       | 48.2      | -.02       | 2.9       | 48.7      | .04        |
| 22:45 | 2.5       | 58.0      | -.01       | 2.6       | 58.1      | -.05       | 3.0       | 54.6      | -.05       |
| 22:50 | 2.6       | 52.7      | .01        | 2.8       | 51.1      | -.01       |           |           | -.05       |



## Daily Summary Report

Site: Lidar "Q" (PAM35)

4/3/2022

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 | 5.4       | 278.9     | .03        | 6.4       | 279.4     |           |           | .07        | .5        |
| 00:05 | 5.7       | 278.8     | .10        |           |           |           |           | .10        |           |
| 00:10 | 5.8       | 277.7     | -.04       | 6.5       | 271.6     |           |           | -.10       |           |
| 00:15 | 5.8       | 277.5     | -.06       |           |           |           |           | -.14       |           |
| 00:20 | 6.6       | 273.8     | .00        |           |           |           |           | .00        |           |
| 00:25 | 5.9       | 274.0     | -.04       | 6.6       | 272.3     |           |           | .00        |           |
| 00:30 | 5.5       | 274.0     | .11        | 5.4       | 272.0     |           |           | .12        |           |
| 00:35 | 5.5       | 268.7     | -.02       | 6.6       | 267.9     |           |           | -.07       |           |
| 00:40 | 5.0       | 269.3     | .03        |           |           |           |           | .03        |           |
| 00:45 | 4.8       | 265.4     | .10        | 5.2       | 265.7     |           |           | .15        |           |
| 00:50 | 4.2       | 261.9     | -.01       | 5.1       | 261.2     |           |           | -.03       |           |
| 00:55 | 3.6       | 256.7     | .06        | 4.4       | 261.6     |           |           | .08        |           |
| 01:00 | 3.6       | 253.0     | .07        | 4.3       | 258.2     | 6.0       | 261.4     | .13        |           |
| 01:05 | 3.5       | 253.2     | .01        | 4.3       | 256.6     |           |           | -.01       |           |
| 01:10 | 4.3       | 256.3     | .11        | 4.9       | 259.0     | 5.7       | 258.4     | .16        |           |
| 01:15 | 4.5       | 258.0     | .17        | 5.1       | 258.3     |           |           | .10        |           |
| 01:20 | 4.1       | 249.3     | .07        | 4.4       | 249.2     |           |           | .11        |           |
| 01:25 | 4.7       | 246.2     | .14        |           |           |           |           | .13        |           |
| 01:30 | 5.1       | 245.6     | .09        | 6.0       | 249.4     |           |           | .16        |           |
| 01:35 | 4.6       | 243.4     | .11        | 5.7       | 246.0     |           |           | .28        |           |
| 01:40 | 4.4       | 242.5     | .07        | 4.8       | 241.9     | 5.8       | 247.9     | .12        |           |
| 01:45 | 4.7       | 242.5     | .09        | 5.2       | 247.1     | 4.8       | 244.5     | .14        |           |
| 01:50 |           |           | .13        |           |           |           |           | .14        |           |
| 01:55 | 6.3       | 245.7     | .13        | 5.7       | 247.0     |           |           | .17        |           |
| 02:00 | 5.9       | 242.2     | .15        |           |           |           |           | .11        |           |
| 02:05 | 5.8       | 241.0     | .13        | 6.4       | 239.6     |           |           | .09        |           |
| 02:10 |           |           | .17        |           |           |           |           | .18        |           |
| 02:15 | 6.3       | 240.1     | .11        |           |           |           |           | .10        |           |
| 02:20 | 6.5       | 245.3     | .08        | 6.8       | 247.9     |           |           | .06        |           |
| 02:25 | 6.6       | 245.0     | .04        | 7.0       | 249.0     |           |           | .05        |           |
| 02:30 | 6.3       | 245.7     | .10        | 6.3       | 248.9     | 8.5       | 254.2     | .13        |           |
| 02:35 | 6.5       | 247.0     | .04        | 6.9       | 250.8     | 5.5       | 255.5     | .01        |           |
| 02:40 | 6.3       | 246.5     | .10        | 6.6       | 252.4     | 6.9       | 262.5     | .10        |           |
| 02:45 | 6.1       | 249.9     | .15        | 6.1       | 254.8     | 6.3       | 260.7     | .11        | 6.9       |
| 02:50 | 5.8       | 251.2     | .14        | 5.7       | 252.3     | 6.3       | 260.5     | .04        | 5.7       |
| 02:55 | 5.6       | 252.5     | .17        | 5.9       | 255.2     | 6.1       | 261.6     | .08        | 5.7       |
| 03:00 | 5.3       | 256.2     | .25        | 5.4       | 260.9     | 4.0       | 265.9     | .22        |           |
| 03:05 | 4.9       | 255.0     | .12        | 5.4       | 263.7     | 5.6       | 268.3     | .11        |           |
| 03:10 | 4.9       | 255.7     | .14        | 5.5       | 264.3     |           |           | .11        |           |
| 03:15 | 4.8       | 256.5     | .13        | 5.2       | 263.3     | 6.4       | 268.5     | .15        |           |
| 03:20 | 4.4       | 262.6     | .08        | 4.4       | 267.3     |           |           | .07        |           |
| 03:25 | 3.9       | 285.6     | .08        | 4.3       | 283.7     | 4.7       | 283.6     | .11        |           |
| 03:30 | 4.5       | 294.0     | .05        | 4.2       | 299.5     |           |           | .15        |           |
| 03:35 | 5.3       | 301.9     | -.02       | 5.0       | 302.6     |           |           | .01        |           |
| 03:40 | 5.4       | 303.8     | .07        | 5.8       | 305.5     |           |           | .06        |           |
| 03:45 | 5.6       | 310.4     | .04        | 5.9       | 314.8     |           |           | .03        |           |
| 03:50 | 5.2       | 307.7     | .00        | 5.7       | 306.8     | 6.0       | 310.5     | -.02       |           |
| 03:55 | 7.0       | 303.4     | .05        | 7.3       | 303.6     | 7.7       | 306.9     | .07        |           |
| 04:00 | 7.5       | 303.2     | .02        | 8.3       | 304.8     | 9.2       | 303.1     | .07        | 10.0      |
| 04:05 | 7.7       | 307.8     | .17        | 7.9       | 310.7     | 8.2       | 313.7     | .08        |           |
| 04:10 | 8.1       | 310.8     | -.02       | 8.5       | 311.4     | 8.9       | 313.7     | -.02       |           |

|       | 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 | 7.9       | 314.4     | -.11       | 8.4       | 315.5     | 9.1       | 315.8     | -.14       |           |
| 04:20 | 8.0       | 310.6     | -.02       | 8.4       | 313.0     | 9.7       | 311.4     | -.06       | 9.6       |
| 04:25 | 7.6       | 312.7     | .08        | 8.3       | 314.3     | 8.4       | 314.5     | .06        | 9.3       |
| 04:30 | 8.3       | 316.1     | .00        | 8.8       | 316.1     | 9.2       | 318.1     | .00        | 9.2       |
| 04:35 | 8.8       | 315.9     | .08        | 9.2       | 316.3     | 9.1       | 317.1     | -.04       | 9.8       |
| 04:40 | 9.4       | 317.2     | .02        | 9.6       | 319.1     | 10.1      | 320.2     | .00        | 11.0      |
| 04:45 | 10.3      | 314.7     | -.04       | 10.7      | 315.2     | 11.4      | 316.7     | .00        | 12.1      |
| 04:50 | 10.1      | 317.2     | .04        | 10.6      | 317.5     | 10.7      | 319.6     | .03        | 10.9      |
| 04:55 | 9.6       | 319.3     | .14        | 10.4      | 318.1     | 10.6      | 319.8     | .14        | 10.8      |
| 05:00 | 10.2      | 322.6     | .36        | 10.5      | 323.1     | 10.8      | 323.5     | .32        | 11.3      |
| 05:05 | 10.4      | 321.6     | .14        | 11.0      | 321.6     | 11.3      | 323.2     | .18        | 11.7      |
| 05:10 | 8.8       | 323.3     | .14        | 9.5       | 324.3     | 10.2      | 325.0     | .11        | 10.3      |
| 05:15 | 9.1       | 325.5     | .15        | 9.5       | 326.2     | 9.7       | 326.3     | .16        | 9.7       |
| 05:20 | 8.6       | 322.0     | .00        | 9.1       | 323.9     | 9.6       | 324.1     | .10        | 9.9       |
| 05:25 | 9.1       | 321.4     | .10        | 9.2       | 322.2     | 9.6       | 321.1     | .05        | 9.3       |
| 05:30 | 10.0      | 316.7     | .09        | 10.2      | 318.6     | 10.7      | 319.4     | .08        | 11.0      |
| 05:35 | 9.3       | 316.1     | .13        | 9.5       | 317.2     | 9.2       | 319.5     | .05        |           |
| 05:40 | 10.6      | 314.4     | .15        | 10.9      | 315.6     | 11.4      | 315.1     | .14        |           |
| 05:45 | 10.8      | 313.8     | -.06       |           |           |           |           | -.01       |           |
| 05:50 | 8.8       | 318.7     | .17        | 9.3       | 322.0     |           |           | .16        |           |
| 05:55 | 9.4       | 316.3     | .10        | 9.7       | 317.8     |           |           | .13        |           |
| 06:00 | 8.5       | 317.4     | -.15       | 9.4       | 316.3     | 10.1      | 321.6     | -.02       |           |
| 06:05 | 8.0       | 317.2     | -.09       | 8.1       | 319.8     | 9.4       | 320.9     | -.06       |           |
| 06:10 | 8.0       | 315.2     | -.04       | 8.5       | 317.6     | 8.6       | 320.6     | -.10       |           |
| 06:15 | 8.0       | 316.2     | .04        | 8.6       | 314.7     | 8.2       | 319.9     | .04        |           |
| 06:20 | 7.9       | 315.9     | -.06       | 8.1       | 317.9     | 9.4       | 317.4     | .01        |           |
| 06:25 | 7.9       | 314.5     | .10        | 7.9       | 316.8     |           |           | .13        |           |
| 06:30 | 7.7       | 315.7     | .04        | 7.9       | 316.4     | 7.6       | 320.2     | .03        | 7.0       |
| 06:35 | 7.6       | 313.9     | .15        | 8.2       | 314.3     |           |           | .13        |           |
| 06:40 | 8.0       | 316.4     | .04        | 8.3       | 317.9     | 8.2       | 320.1     | -.01       |           |
| 06:45 | 8.3       | 317.0     | -.06       | 8.9       | 318.6     | 8.9       | 317.4     | -.10       |           |
| 06:50 | 8.0       | 319.0     | -.13       | 8.2       | 317.8     | 9.0       | 316.1     | -.05       |           |
| 06:55 | 8.0       | 324.6     | .18        | 8.2       | 323.4     | 8.4       | 326.3     | .13        | 7.5       |
| 07:00 | 8.2       | 321.5     | .12        | 8.7       | 320.6     | 9.0       | 322.1     | .12        |           |
| 07:05 | 8.4       | 322.1     | .21        | 8.8       | 325.2     | 8.4       | 319.9     | .31        |           |
| 07:10 | 7.7       | 316.8     | .16        | 7.8       | 318.9     | 7.3       | 322.2     | .07        |           |
| 07:15 | 7.9       | 317.1     | -.01       | 8.3       | 318.3     | 8.2       | 319.0     | -.04       |           |
| 07:20 | 8.1       | 316.5     | -.10       | 8.4       | 319.0     | 9.0       | 319.7     | -.13       |           |
| 07:25 | 7.7       | 319.7     | -.12       | 8.5       | 322.2     | 8.3       | 319.9     | -.13       |           |
| 07:30 | 6.9       | 320.3     | -.12       | 7.2       | 321.2     | 8.1       | 319.5     | -.08       |           |
| 07:35 | 7.5       | 325.5     | -.27       | 8.7       | 318.5     | 8.5       | 323.0     | -.34       |           |
| 07:40 | 7.3       | 321.5     | -.05       |           |           |           |           | -.06       |           |
| 07:45 | 6.3       | 320.8     | .11        | 6.6       | 320.4     |           |           | .12        |           |
| 07:50 | 6.6       | 316.7     | .00        | 6.7       | 320.5     | 6.3       | 325.5     | .01        | 7.6       |
| 07:55 | 6.0       | 322.0     | .00        | 6.3       | 324.1     | 6.2       | 327.2     | -.04       |           |
| 08:00 | 6.6       | 319.4     | .12        | 7.2       | 317.0     |           |           | .13        |           |
| 08:05 |           |           | -.08       |           |           |           |           | .01        |           |
| 08:10 | 5.0       | 327.2     | -.07       | 6.2       | 328.2     | 7.0       | 328.6     | -.13       |           |
| 08:15 |           |           | -.16       |           |           |           |           | -.15       |           |
| 08:20 |           |           | -.05       |           |           |           |           | -.08       |           |
| 08:25 | 4.1       | 321.8     | -.11       | 3.6       | 323.8     | 4.2       | 329.3     | -.09       |           |
| 08:30 | 5.0       | 318.1     | -.11       |           |           |           |           | -.13       |           |
| 08:35 | 5.5       | 320.1     | -.05       | 5.6       | 325.0     |           |           | -.05       |           |
| 08:40 | 5.5       | 317.5     | -.20       | 5.7       | 321.6     |           |           | -.20       |           |
| 08:45 | 4.6       | 328.5     | -.17       |           |           |           |           | -.30       |           |
| 08:50 | 4.0       | 326.2     | -.29       | 3.8       | 327.3     | 5.9       | 322.0     | -.39       |           |



|       | 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 |           |           | 3.05       |           |           |           |           | 1.62       |           |
| 13:40 |           |           | -.15       |           |           |           |           | .44        |           |
| 13:45 |           |           | -.88       |           |           |           |           |            |           |
| 13:50 |           |           |            |           |           |           |           |            |           |
| 13:55 |           |           |            |           |           |           |           |            |           |
| 14:00 |           |           | .91        |           |           |           |           |            |           |
| 14:05 |           |           | -2.23      |           |           |           |           | -.58       |           |
| 14:10 |           |           |            |           |           |           |           |            |           |
| 14:15 |           |           | -3.30      |           |           |           |           | -2.70      |           |
| 14:20 |           |           | -.67       |           |           |           |           |            |           |
| 14:25 |           |           | -1.76      |           |           |           |           |            |           |
| 14:30 |           |           |            |           |           |           |           |            |           |
| 14:35 |           |           |            |           |           |           |           |            |           |
| 14:40 |           |           |            |           |           |           |           |            |           |
| 14:45 |           |           | -2.77      |           |           |           |           |            |           |
| 14:50 |           |           |            |           |           |           |           |            |           |
| 14:55 |           |           |            |           |           |           |           |            |           |
| 15:00 |           |           |            |           |           |           |           | 2.95       |           |
| 15:05 |           |           | -2.40      |           |           |           |           | -2.24      |           |
| 15:10 |           |           |            |           |           |           |           |            |           |
| 15:15 |           |           | -2.76      |           |           |           |           | -3.45      |           |
| 15:20 |           |           | -1.50      |           |           |           |           |            |           |
| 15:25 |           |           |            |           |           |           |           |            |           |
| 15:30 |           |           |            |           |           |           |           |            |           |
| 15:35 |           |           | -.89       |           |           |           |           | -.53       |           |
| 15:40 |           |           | 1.02       |           |           |           |           |            |           |
| 15:45 |           |           |            |           |           |           |           |            |           |
| 15:50 |           |           |            |           |           |           |           |            |           |
| 15:55 |           |           | -3.15      |           |           |           |           | -4.19      |           |
| 16:00 |           |           |            |           |           |           |           |            |           |
| 16:05 |           |           | .37        |           |           |           |           | .99        |           |
| 16:10 |           |           | -1.15      |           |           |           |           |            |           |
| 16:15 |           |           | .31        |           |           |           |           | -.82       |           |
| 16:20 |           |           | -.54       |           |           |           |           |            |           |
| 16:25 |           |           |            |           |           |           |           |            |           |
| 16:30 |           |           | -2.45      |           |           |           |           |            |           |
| 16:35 |           |           | -1.04      |           |           |           |           |            |           |
| 16:40 |           |           | .58        |           |           |           |           | .82        |           |
| 16:45 |           |           |            |           |           |           |           |            |           |
| 16:50 |           |           | .22        |           |           |           |           |            |           |
| 16:55 |           |           | -1.21      |           |           |           |           |            |           |
| 17:00 |           |           | -2.18      |           |           |           |           | -1.75      |           |
| 17:05 |           |           |            |           |           |           |           |            |           |
| 17:10 |           |           |            |           |           |           |           | -.85       |           |
| 17:15 |           |           |            |           |           |           |           |            |           |
| 17:20 |           |           |            |           |           |           |           | -.54       |           |
| 17:25 |           |           |            |           |           |           |           |            |           |
| 17:30 |           |           |            |           |           |           |           |            |           |
| 17:35 |           |           |            |           |           |           |           |            |           |
| 17:40 |           |           |            |           |           |           |           |            |           |
| 17:45 |           |           | .39        |           |           |           |           |            |           |
| 17:50 |           |           | 1.97       |           |           |           |           |            |           |
| 17:55 |           |           |            |           |           |           |           |            |           |
| 18:00 |           |           | -1.34      |           |           |           |           |            |           |
| 18:05 |           |           |            |           |           |           |           |            |           |
| 18:10 |           |           | -2.40      |           |           |           |           |            |           |

|       | 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 |           |           | -.30       |           |           |           |           |            |           |
| 18:20 |           |           | -.83       |           |           |           |           |            |           |
| 18:25 |           |           | -.47       |           |           |           |           | .32        |           |
| 18:30 |           |           |            |           |           |           |           |            |           |
| 18:35 |           |           |            |           |           |           |           | -2.27      |           |
| 18:40 |           |           |            |           |           |           |           |            |           |
| 18:45 |           |           | .35        |           |           |           |           | -.51       |           |
| 18:50 |           |           |            |           |           |           |           |            |           |
| 18:55 |           |           |            |           |           |           |           |            |           |
| 19:00 |           |           |            |           |           |           |           |            |           |
| 19:05 |           |           | -.61       |           |           |           |           |            |           |
| 19:10 |           |           | -.16       |           |           |           |           |            |           |
| 19:15 |           |           |            |           |           |           |           |            |           |
| 19:20 |           |           |            |           |           |           |           |            |           |
| 19:25 |           |           | -2.18      |           |           |           |           |            |           |
| 19:30 |           |           |            |           |           |           |           |            |           |
| 19:35 |           |           |            |           |           |           |           |            |           |
| 19:40 |           |           | .52        |           |           |           |           |            |           |
| 19:45 |           |           |            |           |           |           |           |            |           |
| 19:50 |           |           |            |           |           |           |           |            |           |
| 19:55 |           |           |            |           |           |           |           |            |           |
| 20:00 |           |           | -.91       |           |           |           |           |            |           |
| 20:05 |           |           |            |           |           |           |           | .69        |           |
| 20:10 |           |           |            |           |           |           |           |            |           |
| 20:15 |           |           |            |           |           |           |           |            |           |
| 20:20 |           |           | -.70       |           |           |           |           | -.31       |           |
| 20:25 |           |           | .91        |           |           |           |           | .89        |           |
| 20:30 |           |           |            |           |           |           |           |            |           |
| 20:35 |           |           |            |           |           |           |           |            |           |
| 20:40 |           |           |            |           |           |           |           |            |           |
| 20:45 |           |           |            |           |           |           |           |            |           |
| 20:50 |           |           |            |           |           |           |           |            |           |
| 20:55 |           |           |            |           |           |           |           |            |           |
| 21:00 |           |           |            |           |           |           |           |            |           |
| 21:05 |           |           |            |           |           |           |           |            |           |
| 21:10 |           |           | -1.81      |           |           |           |           |            |           |
| 21:15 |           |           | .52        |           |           |           |           |            |           |
| 21:20 |           |           | -.30       |           |           |           |           | .47        |           |
| 21:25 |           |           | .51        |           |           |           |           |            |           |
| 21:30 |           |           | .23        |           |           |           |           | -2.70      |           |
| 21:35 |           |           | -.49       |           |           |           |           |            |           |
| 21:40 |           |           | .11        |           |           |           |           |            |           |
| 21:45 |           |           | .34        |           |           |           |           | 1.24       |           |
| 21:50 |           |           | .43        |           |           |           |           | -.11       |           |
| 21:55 |           |           | -.39       |           |           |           |           | -1.51      |           |
| 22:00 |           |           | -.25       |           |           |           |           | .11        |           |
| 22:05 |           |           | .21        |           |           |           |           | -.62       |           |
| 22:10 |           |           | -.10       |           |           |           |           | -.76       |           |
| 22:15 |           |           | .24        |           |           |           |           | -.26       |           |
| 22:20 |           |           | .19        |           |           |           |           | 1.08       |           |
| 22:25 |           |           | -.28       |           |           |           |           | .62        |           |
| 22:30 |           |           | -.24       |           |           |           |           |            |           |
| 22:35 |           |           | -.05       |           |           |           |           | .35        |           |
| 22:40 |           |           | -.15       |           |           |           |           | .56        |           |
| 22:45 |           |           | -.12       |           |           |           |           | -.54       |           |
| 22:50 |           |           | -.08       |           |           |           |           | .22        |           |





## Daily Summary Report

Site: Lidar "Q" (PAM35)

4/3/2022

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 |           | -.14       |           |           | .48        |           |           | -.48       |           |
| 00:05 |           | .13        |           |           |            |           |           |            |           |
| 00:10 |           | -.20       |           |           | -.07       |           |           | .58        |           |
| 00:15 |           | .06        |           |           | -.32       |           |           |            |           |
| 00:20 |           | .14        |           |           | .08        |           |           | -.61       |           |
| 00:25 |           | -.04       |           |           | -.43       |           |           | .12        |           |
| 00:30 |           | -.08       |           |           | -.14       |           |           |            |           |
| 00:35 |           | -.06       |           |           | .35        |           |           | -.49       |           |
| 00:40 |           | .09        |           |           | -.03       |           |           | .28        |           |
| 00:45 |           | .21        |           |           | .31        |           |           |            |           |
| 00:50 |           | -.15       |           |           | .07        |           |           | .40        |           |
| 00:55 |           | .05        |           |           | -.18       |           |           | .25        |           |
| 01:00 |           | .32        |           |           | .05        |           |           |            |           |
| 01:05 |           | .04        |           |           | -.39       |           |           |            |           |
| 01:10 |           | -.03       |           |           | .29        |           |           | -1.08      |           |
| 01:15 |           | .26        |           |           | .04        |           |           | -.05       |           |
| 01:20 |           | .08        |           |           | -.23       |           |           |            |           |
| 01:25 |           | -.12       |           |           |            |           |           |            |           |
| 01:30 |           | .11        |           |           | .08        |           |           |            |           |
| 01:35 |           | .21        |           |           | -1.44      |           |           |            |           |
| 01:40 |           | .31        |           |           | .80        |           |           | .39        |           |
| 01:45 |           | .06        |           |           | .58        |           |           |            |           |
| 01:50 |           | .19        |           |           | .35        |           |           | .11        |           |
| 01:55 |           | .31        |           |           | .34        |           |           | -.26       |           |
| 02:00 |           | .25        |           |           | -.21       |           |           | .90        |           |
| 02:05 |           | .07        |           |           | .30        |           |           | .33        |           |
| 02:10 |           | .20        |           |           | .45        |           |           | -.54       |           |
| 02:15 |           | .25        |           |           | .07        |           |           | -.29       |           |
| 02:20 |           | -.10       |           |           | .33        |           |           | -.05       |           |
| 02:25 |           | .03        |           |           | -.12       |           |           |            |           |
| 02:30 |           | .06        |           |           | .06        |           |           | -.60       |           |
| 02:35 |           | .30        |           |           | .38        |           |           |            |           |
| 02:40 |           | .18        |           |           | -.06       |           |           | .29        |           |
| 02:45 | 266.7     | .04        | 8.7       | 264.6     | .09        |           |           | 1.33       |           |
| 02:50 | 265.8     | -.08       | 6.9       | 263.7     | .05        |           |           | -.46       |           |
| 02:55 | 266.0     | .08        |           |           | .04        |           |           | .35        |           |
| 03:00 |           | .20        |           |           | .22        |           |           | 1.34       |           |
| 03:05 |           | .17        |           |           | .61        |           |           | 2.04       |           |
| 03:10 |           | .24        |           |           | 1.18       |           |           |            |           |
| 03:15 |           | .07        |           |           | .18        |           |           | -.77       |           |
| 03:20 |           | .08        |           |           | -.04       |           |           | .40        |           |
| 03:25 |           | .10        |           |           | -.02       |           |           | .00        |           |
| 03:30 |           | .21        |           |           | .19        |           |           | .37        |           |
| 03:35 |           | -.06       |           |           | .35        |           |           | .84        |           |
| 03:40 |           | .08        |           |           | .19        |           |           | .25        |           |
| 03:45 |           | -.01       |           |           | -.55       |           |           | .14        |           |
| 03:50 |           | .15        |           |           | .39        |           |           | .27        |           |
| 03:55 |           | .13        |           |           | .11        |           |           | -.86       |           |
| 04:00 | 305.1     | .14        |           |           | .33        |           |           | .13        |           |
| 04:05 |           | -.02       |           |           | -.17       |           |           | 1.13       |           |
| 04:10 |           | .10        |           |           | .04        |           |           | -.09       |           |

|       | 40_WD260m | 41_VWS260m | 42_WS280m | 43_WD280m | 44_VWS280m | 45_WS300m | 46_WD300m | 47_VWS300m | 48_WS320m |
|-------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|
| Time  | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     |
| 04:15 |           | -.04       | 9.0       | 328.1     | -.04       |           |           | .08        |           |
| 04:20 | 312.9     | -.10       |           |           | -.16       |           |           | -.17       |           |
| 04:25 | 318.1     | .07        |           |           | .12        |           |           | -.01       |           |
| 04:30 | 320.1     | .11        | 9.5       | 319.1     | .03        |           |           | .15        |           |
| 04:35 | 319.9     | -.01       |           |           | .17        |           |           | .18        |           |
| 04:40 | 321.5     | -.08       |           |           | -.17       |           |           | -.14       |           |
| 04:45 | 319.2     | -.02       | 12.8      | 321.1     | -.11       |           |           | -.02       |           |
| 04:50 | 319.7     | .05        | 11.4      | 321.0     | -.06       |           |           | -.10       |           |
| 04:55 | 320.6     | .18        | 10.8      | 320.7     | .05        | 11.2      | 323.1     | .23        |           |
| 05:00 | 325.4     | .31        | 11.1      | 327.9     | .25        | 10.9      | 326.7     | .44        | 11.2      |
| 05:05 | 323.9     | .27        | 11.4      | 326.0     | .27        | 10.7      | 329.4     | .34        |           |
| 05:10 | 327.4     | .14        | 11.2      | 328.4     | .13        | 11.7      | 328.8     | .05        |           |
| 05:15 | 326.7     | .17        | 10.2      | 326.6     | .10        |           |           | .18        |           |
| 05:20 | 324.7     | .10        | 10.2      | 324.7     | .11        | 10.2      | 325.1     | .09        |           |
| 05:25 | 320.7     | .12        | 10.2      | 320.3     | .02        |           |           | -.10       |           |
| 05:30 | 320.2     | .06        | 11.1      | 320.6     | -.03       |           |           | .23        |           |
| 05:35 |           | -.02       |           |           | .03        |           |           | -.06       |           |
| 05:40 |           | .13        |           |           | .30        |           |           | -.30       |           |
| 05:45 |           | -.13       |           |           | .92        |           |           |            |           |
| 05:50 |           | .11        |           |           | -.07       |           |           | .50        |           |
| 05:55 |           | -.03       |           |           | .25        |           |           | .55        |           |
| 06:00 |           | .01        |           |           | .23        |           |           | -.48       |           |
| 06:05 |           | -.12       |           |           | .01        |           |           |            |           |
| 06:10 |           | -.15       |           |           | -.14       |           |           | -.08       |           |
| 06:15 |           | .08        |           |           | -.14       |           |           | .33        |           |
| 06:20 |           | -.06       |           |           | .07        |           |           | .38        |           |
| 06:25 |           | .14        |           |           | .17        |           |           | -.03       |           |
| 06:30 | 325.3     | .07        |           |           | .44        |           |           | -.23       |           |
| 06:35 |           | .08        |           |           | .09        |           |           | 1.04       |           |
| 06:40 |           | .10        |           |           | .08        |           |           | -.10       |           |
| 06:45 |           | -.15       |           |           | .10        |           |           |            |           |
| 06:50 |           | -.12       |           |           | -.08       |           |           | .24        |           |
| 06:55 | 334.2     | .24        |           |           | .13        |           |           | .42        |           |
| 07:00 |           | .36        |           |           | .33        |           |           |            |           |
| 07:05 |           | -.31       |           |           | -1.48      |           |           |            |           |
| 07:10 |           | .12        |           |           |            |           |           |            |           |
| 07:15 |           | -.10       |           |           | -.31       |           |           |            |           |
| 07:20 |           | -.32       |           |           | -.13       |           |           |            |           |
| 07:25 |           | -.08       |           |           | .66        |           |           | .38        |           |
| 07:30 |           | -.07       |           |           | -.77       |           |           |            |           |
| 07:35 |           | -.21       |           |           | -.25       |           |           | -.72       |           |
| 07:40 |           | .05        |           |           | .04        |           |           | .34        |           |
| 07:45 |           | .03        |           |           | .05        |           |           | .03        |           |
| 07:50 | 328.2     | .01        |           |           | .10        |           |           | .65        |           |
| 07:55 |           | .08        |           |           | -.14       |           |           | -.14       |           |
| 08:00 |           | -.02       |           |           | .02        |           |           | -.57       |           |
| 08:05 |           | -.12       |           |           | .34        |           |           |            |           |
| 08:10 |           | -.05       |           |           | .06        |           |           |            |           |
| 08:15 |           | -.23       |           |           | -.36       |           |           | -.27       |           |
| 08:20 |           | -.18       |           |           | -.22       |           |           | -.75       |           |
| 08:25 |           | -.15       |           |           | -.18       |           |           | -.23       |           |
| 08:30 |           | -.16       |           |           | -.16       |           |           | -.77       |           |
| 08:35 |           | -.11       |           |           | -.77       |           |           |            |           |
| 08:40 |           | -.05       |           |           | -.09       |           |           | -1.63      |           |
| 08:45 |           | -.30       |           |           | -.24       |           |           | -.84       |           |
| 08:50 |           | -.44       |           |           | -.56       |           |           | -.22       |           |





|       | 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 |           |            |           |           |            |           |           |            |           |
| 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 |           | .19        |           |           |            |           |           |            |           |
| 20:40 |           |            |           |           |            |           |           |            |           |
| 20:45 |           |            |           |           |            |           |           |            |           |
| 20:50 |           |            |           |           |            |           |           |            |           |
| 20:55 |           |            |           |           |            |           |           |            |           |
| 21:00 |           |            |           |           |            |           |           |            |           |
| 21:05 |           |            |           |           |            |           |           |            |           |
| 21:10 |           |            |           |           |            |           |           |            |           |
| 21:15 |           |            |           |           |            |           |           |            |           |
| 21:20 |           |            |           |           |            |           |           |            |           |
| 21:25 |           |            |           |           |            |           |           |            |           |
| 21:30 |           |            |           |           |            |           |           |            |           |
| 21:35 |           |            |           |           |            |           |           |            |           |
| 21:40 |           |            |           |           |            |           |           |            |           |
| 21:45 |           |            |           |           |            |           |           |            |           |
| 21:50 |           |            |           |           |            |           |           |            |           |
| 21:55 |           |            |           |           |            |           |           |            |           |
| 22:00 |           |            |           |           |            |           |           |            |           |
| 22:05 |           |            |           |           |            |           |           |            |           |
| 22:10 |           |            |           |           | 1.55       |           |           |            |           |
| 22:15 |           |            |           |           |            |           |           |            |           |
| 22:20 |           |            |           |           |            |           |           |            |           |
| 22:25 |           |            |           |           |            |           |           |            |           |
| 22:30 |           | -.90       |           |           |            |           |           |            |           |
| 22:35 |           |            |           |           |            |           |           |            |           |
| 22:40 |           |            |           |           | -.74       |           |           |            |           |
| 22:45 |           | -1.08      |           |           |            |           |           |            |           |
| 22:50 |           |            |           |           | -1.32      |           |           |            |           |



### Daily Summary Report

Site: Lidar "Q" (PAM35)

4/3/2022

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 | 328.4     |           |           |           |           |           |           |
| 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 |           |           |           |           |           |           |           |
| 21:15 |           |           |           |           |           |           |           |
| 21:20 |           |           |           |           |           |           |           |
| 21:25 |           |           |           |           |           |           |           |
| 21:30 |           |           |           |           |           |           |           |
| 21:35 |           |           |           |           |           |           |           |
| 21:40 |           |           |           |           |           |           |           |
| 21:45 |           |           |           |           |           |           |           |
| 21:50 |           |           |           |           |           |           |           |
| 21:55 |           |           |           |           |           |           |           |
| 22:00 |           |           |           |           |           |           |           |
| 22:05 |           |           |           |           |           |           |           |
| 22:10 |           |           |           |           |           |           |           |
| 22:15 |           |           |           |           |           |           |           |
| 22:20 |           |           |           |           |           |           |           |
| 22:25 |           |           |           |           |           |           |           |
| 22:30 |           |           |           |           |           |           |           |
| 22:35 |           |           |           |           |           |           |           |
| 22:40 |           |           |           |           |           |           |           |
| 22:45 |           |           |           |           |           |           |           |
| 22:50 |           |           |           |           |           |           |           |

|                 | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time            | DEG       | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 22:55           |           |           |           |           |           |           |           |
| 23:00           |           |           |           |           |           |           |           |
| 23:05           |           |           |           |           |           |           |           |
| 23:10           |           |           |           |           |           |           |           |
| 23:15           |           |           |           |           |           |           |           |
| 23:20           |           |           |           |           |           |           |           |
| 23:25           |           |           |           |           |           |           |           |
| 23:30           |           |           |           |           |           |           |           |
| 23:35           |           |           |           |           |           |           |           |
| 23:40           |           |           |           |           |           |           |           |
| 23:45           |           |           |           |           |           |           |           |
| 23:50           |           |           |           |           |           |           |           |
| 23:55           |           |           |           |           |           |           |           |
| <b>Average</b>  | 328.4     |           |           |           |           |           |           |
| <b>Max</b>      | 328.4     |           |           |           |           |           |           |
| <b>Max Hour</b> | 05:00     |           |           |           |           |           |           |
| <b>Min</b>      | 328.4     |           |           |           |           |           |           |
| <b>Count</b>    | 1         | 0         | 0         | 0         | 0         | 0         | 0         |
| <b>Total</b>    |           |           |           |           |           |           |           |