

## Daily Summary Report

Site: Lidar "Q" (PAM35)

8/10/2022

Interval: 005m

|       | 03_TempC_002m | 04_BP_002m | 05_RH_002m | 06_WS040m | 07_WD040m | 08_VWS040m | 09_WS060m | 10_WD060m | 11_VWS060m |
|-------|---------------|------------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | DEGC          | INHG       | PERCENT    | M/SEC     | DEG       | M/SEC      | M/SEC     | DEG       | MPH        |
| 00:00 |               |            |            |           |           |            |           |           |            |
| 00:05 | 21.0          | 993.00     | 97.0       | 1.3       | 152.0     | .01        | 1.4       | 143.0     | -.08       |
| 00:10 | 20.9          | 993.00     | 97.0       | 1.0       | 130.7     | .00        | 1.6       | 128.7     | -.06       |
| 00:15 | 20.9          | 993.00     | 97.0       | 1.0       | 48.9      | .08        | 1.2       | 102.7     | .10        |
| 00:20 | 20.9          | 994.00     | 97.0       | 1.3       | 35.7      | -.05       | 1.3       | 55.0      | -.02       |
| 00:25 | 20.9          | 994.00     | 97.0       | 1.5       | 23.0      | -.11       | 1.6       | 29.6      | -.04       |
| 00:30 | 21.1          | 994.00     | 97.0       | 1.3       | 21.2      | -.04       | 1.5       | 33.5      | .00        |
| 00:35 | 21.1          | 994.00     | 97.0       | .5        | 341.5     | -.01       | .9        | 20.4      | .02        |
| 00:40 | 20.9          | 994.00     | 97.0       | .3        | 178.5     | .00        | .4        | 92.2      | .05        |
| 00:45 | 20.9          | 994.00     | 97.0       | .4        | 139.8     | .03        | .6        | 103.8     | .01        |
| 00:50 | 20.9          | 994.00     | 97.0       | .7        | 167.0     | .03        | .9        | 150.2     | -.04       |
| 00:55 | 20.9          | 994.00     | 97.0       | 1.1       | 171.8     | .04        | 1.3       | 148.2     | .00        |
| 01:00 | 20.9          | 994.00     | 97.0       | .9        | 181.8     | -.07       | 1.1       | 149.5     | -.07       |
| 01:05 | 20.9          | 994.00     | 97.0       | 1.1       | 220.7     | .06        | 1.1       | 190.6     | -.06       |
| 01:10 | 20.8          | 994.00     | 97.0       | .9        | 223.8     | .10        | 1.0       | 240.3     | .07        |
| 01:15 | 20.8          | 994.00     | 97.0       | .8        | 235.4     | -.10       | .7        | 251.0     | .14        |
| 01:20 | 20.8          | 994.00     | 97.0       | .5        | 234.3     | .05        | .6        | 245.0     | .04        |
| 01:25 | 20.8          | 994.00     | 97.0       | .8        | 271.1     | -.09       | 1.2       | 266.2     | .04        |
| 01:30 | 20.8          | 994.00     | 97.0       | 1.1       | 229.1     | .11        | 1.3       | 243.8     | .20        |
| 01:35 | 20.8          | 994.00     | 97.0       | .8        | 279.9     | .08        | 1.0       | 265.6     | .06        |
| 01:40 | 20.8          | 994.00     | 97.0       | 1.2       | 178.1     | .02        | 1.3       | 201.1     | .11        |
| 01:45 | 20.8          | 994.00     | 97.0       | .8        | 189.0     | -.07       | .9        | 201.4     | -.03       |
| 01:50 | 20.8          | 993.00     | 98.0       | .5        | 202.6     | .01        | .6        | 216.2     | .01        |
| 01:55 | 20.8          | 993.00     | 98.0       | .5        | 180.4     | .01        | .6        | 214.3     | .03        |
| 02:00 | 20.8          | 993.00     | 97.0       | .8        | 153.0     | .02        | .7        | 180.2     | .06        |
| 02:05 | 20.8          | 993.00     | 97.0       | .4        | 84.3      | .03        | .3        | 104.2     | .07        |
| 02:10 | 20.7          | 993.00     | 97.0       | .2        | 187.5     | .00        | .2        | 196.1     | .01        |
| 02:15 | 20.7          | 993.00     | 97.0       | .6        | 176.3     | .03        | .6        | 162.9     | .05        |
| 02:20 | 20.6          | 993.00     | 97.0       | 1.0       | 196.7     | -.01       | .8        | 204.3     | -.01       |
| 02:25 | 20.6          | 993.00     | 97.0       | .9        | 210.5     | .02        | 1.0       | 215.6     | .06        |
| 02:30 | 20.6          | 993.00     | 97.0       | 1.1       | 211.6     | .15        | 1.5       | 202.0     | .14        |
| 02:35 | 20.6          | 993.00     | 97.0       | .6        | 209.5     | .36        | 1.3       | 195.1     | .45        |
| 02:40 | 20.6          | 993.00     | 98.0       | .8        | 199.7     | .41        | .8        | 213.0     | .28        |
| 02:45 | 20.6          | 993.00     | 98.0       | 1.0       | 188.3     | .37        | .8        | 214.0     | .08        |
| 02:50 | 20.5          | 993.00     | 98.0       | .7        | 194.6     | .40        | 1.2       | 218.6     | .33        |
| 02:55 | 20.5          | 993.00     | 98.0       | .6        | 214.0     | .35        | .9        | 255.0     | .04        |
| 03:00 | 20.5          | 993.00     | 98.0       | 1.1       | 173.1     | .09        | 1.1       | 187.1     | .17        |
| 03:05 | 20.5          | 993.00     | 98.0       | 1.6       | 181.8     | .07        | 1.4       | 196.6     | .15        |
| 03:10 | 20.5          | 993.00     | 98.0       | 1.1       | 177.1     | .21        | 1.1       | 196.2     | .10        |
| 03:15 | 20.5          | 993.00     | 98.0       | .9        | 166.1     | .12        | 1.0       | 196.6     | .06        |
| 03:20 | 20.6          | 993.00     | 98.0       | .3        | 204.8     | .01        | .7        | 233.3     | .00        |
| 03:25 | 20.6          | 993.00     | 98.0       | .6        | 301.0     | .03        | .8        | 276.5     | .06        |
| 03:30 | 20.7          | 993.00     | 98.0       | 1.1       | 357.8     | -.22       | 1.0       | 327.7     | -.12       |
| 03:35 | 20.7          | 993.00     | 98.0       | 1.3       | 20.8      | -.33       | 1.3       | 11.1      | -.40       |
| 03:40 | 20.8          | 993.00     | 98.0       | .8        | 358.7     | -.05       | .9        | 340.6     | -.04       |
| 03:45 | 20.8          | 993.00     | 98.0       | .6        | 358.9     | -.02       | .8        | 300.9     | -.09       |
| 03:50 | 20.8          | 993.00     | 98.0       | .2        | 349.7     | -.02       | .4        | 272.4     | -.07       |
| 03:55 | 20.8          | 993.00     | 98.0       | .2        | 275.6     | -.08       | .5        | 274.8     | -.10       |
| 04:00 | 20.8          | 993.00     | 98.0       | .6        | 307.0     | -.06       | .7        | 298.0     | -.04       |
| 04:05 | 20.8          | 993.00     | 98.0       | .5        | 307.7     | -.09       | .4        | 309.2     | -.07       |
| 04:10 | 20.7          | 993.00     | 98.0       | .2        | 294.1     | -.06       | .5        | 8.8       | -.18       |

|       | 03_TempC_002m | 04_BP_002m | 05_RH_002m | 06_WS040m | 07_WD040m | 08_VWS040m | 09_WS060m | 10_WD060m | 11_VWS060m |
|-------|---------------|------------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | DEGC          | INHG       | PERCENT    | M/SEC     | DEG       | M/SEC      | M/SEC     | DEG       | MPH        |
| 04:15 | 20.7          | 993.00     | 98.0       | .4        | 197.6     | .07        | .3        | 33.8      | -.02       |
| 04:20 | 20.7          | 993.00     | 98.0       | .5        | 196.8     | .03        | .2        | 327.0     | -.09       |
| 04:25 | 20.7          | 993.00     | 98.0       | .4        | 55.1      | -.04       | .8        | 32.8      | .03        |
| 04:30 | 20.7          | 993.00     | 98.0       | 1.1       | .1        | .05        | 1.3       | 25.3      | .12        |
| 04:35 | 20.7          | 993.00     | 98.0       | .8        | 2.0       | -.37       | 1.1       | 16.4      | -.24       |
| 04:40 | 20.8          | 993.00     | 98.0       | .9        | 63.4      | -.63       | .9        | 52.5      | -.55       |
| 04:45 | 20.8          | 993.00     | 98.0       | .7        | 317.9     | -.25       | .9        | 348.1     | -.10       |
| 04:50 | 20.8          | 993.00     | 98.0       | .5        | 258.7     | .08        | .4        | 341.2     | .00        |
| 04:55 | 20.8          | 993.00     | 98.0       | .3        | 258.4     | .11        | .4        | 358.3     | .07        |
| 05:00 | 20.8          | 993.00     | 98.0       | .3        | 287.7     | .04        | .5        | 344.6     | .04        |
| 05:05 | 20.8          | 993.00     | 98.0       | .7        | 187.3     | .12        | .4        | 133.4     | .04        |
| 05:10 | 20.8          | 993.00     | 98.0       | 1.0       | 146.0     | .16        | .9        | 143.6     | .21        |
| 05:15 | 20.8          | 993.00     | 98.0       | 1.8       | 145.8     | .21        | 1.4       | 138.4     | .24        |
| 05:20 | 20.8          | 993.00     | 98.0       | 2.1       | 131.8     | .23        | 2.0       | 114.2     | .26        |
| 05:25 | 20.8          | 993.00     | 98.0       | 1.8       | 150.4     | .16        | 1.9       | 128.2     | .25        |
| 05:30 | 20.7          | 993.00     | 98.0       | 1.8       | 167.5     | .48        | 1.8       | 138.4     | .61        |
| 05:35 | 20.7          | 993.00     | 98.0       | 1.8       | 172.7     | .24        | 1.7       | 155.2     | .35        |
| 05:40 | 20.7          | 993.00     | 98.0       | 1.4       | 161.2     | .23        | 1.4       | 155.2     | .35        |
| 05:45 | 20.7          | 993.00     | 98.0       | 1.8       | 179.1     | .19        | 1.6       | 175.1     | .24        |
| 05:50 | 20.7          | 993.00     | 98.0       | 1.7       | 168.9     | .06        | 2.1       | 168.5     | .28        |
| 05:55 | 20.7          | 993.00     | 98.0       | 1.6       | 171.0     | .10        | 1.8       | 165.4     | .12        |
| 06:00 | 20.8          | 993.00     | 98.0       | 1.8       | 171.0     | .15        | 2.0       | 167.3     | .16        |
| 06:05 | 20.8          | 993.00     | 98.0       | 1.6       | 175.6     | .11        | 1.7       | 172.8     | .14        |
| 06:10 | 20.8          | 993.00     | 98.0       | 1.2       | 167.4     | .00        | 1.4       | 167.4     | .02        |
| 06:15 | 20.8          | 993.00     | 98.0       | .9        | 197.5     | .05        | 1.1       | 190.3     | .08        |
| 06:20 | 20.8          | 993.00     | 98.0       | 1.3       | 182.6     | -.07       | 1.4       | 179.8     | -.06       |
| 06:25 | 20.8          | 993.00     | 98.0       | 1.4       | 179.0     | .12        | 1.4       | 184.3     | .07        |
| 06:30 | 20.8          | 993.00     | 98.0       | 1.2       | 205.5     | .02        | 1.1       | 178.8     | -.26       |
| 06:35 | 20.8          | 993.00     | 98.0       | 1.3       | 167.9     | .03        | 1.2       | 176.1     | .01        |
| 06:40 | 20.9          | 993.00     | 98.0       | .9        | 163.5     | .00        | .9        | 188.1     | .04        |
| 06:45 | 20.9          | 993.00     | 98.0       | .8        | 142.2     | -.02       | .6        | 169.7     | .01        |
| 06:50 | 20.9          | 993.00     | 98.0       | .9        | 157.7     | .02        | .8        | 177.1     | .07        |
| 06:55 | 20.9          | 993.00     | 98.0       | 1.1       | 170.0     | -.05       | 1.0       | 183.9     | .01        |
| 07:00 | 21.0          | 993.00     | 98.0       | 1.1       | 187.6     | -.01       | 1.2       | 209.5     | .02        |
| 07:05 | 21.0          | 993.00     | 98.0       | 1.0       | 188.9     | .09        | .9        | 227.9     | .05        |
| 07:10 | 21.0          | 993.00     | 98.0       | 1.2       | 173.4     | .06        | 1.0       | 215.7     | .04        |
| 07:15 | 21.0          | 993.00     | 98.0       | .8        | 192.1     | .04        | 1.1       | 221.0     | .09        |
| 07:20 | 21.1          | 994.00     | 98.0       | .8        | 212.9     | .03        | 1.2       | 218.3     | .00        |
| 07:25 | 21.1          | 994.00     | 98.0       | 1.0       | 183.0     | -.06       | 1.3       | 210.7     | .00        |
| 07:30 | 21.2          | 994.00     | 98.0       | .6        | 195.9     | -.01       | 1.2       | 222.7     | .01        |
| 07:35 | 21.2          | 994.00     | 98.0       | .6        | 282.3     | .06        | 1.0       | 244.3     | .06        |
| 07:40 | 21.3          | 994.00     | 98.0       | .1        | 13.1      | .02        | .6        | 221.8     | -.04       |
| 07:45 | 21.3          | 994.00     | 98.0       | .4        | 15.7      | -.01       | .3        | 210.4     | -.13       |
| 07:50 | 21.4          | 994.00     | 98.0       | .6        | 17.1      | .01        | .1        | 245.4     | -.09       |
| 07:55 | 21.4          | 994.00     | 98.0       | .6        | 7.9       | -.12       | .3        | 176.9     | -.07       |
| 08:00 | 21.5          | 994.00     | 98.0       | .9        | 29.0      | -.10       | .5        | 353.8     | -.40       |
| 08:05 | 21.5          | 994.00     | 98.0       | .8        | 21.6      | -.01       | .6        | 14.9      | -.13       |
| 08:10 | 21.7          | 994.00     | 98.0       | 1.0       | 21.3      | -.03       | .8        | 48.8      | -.10       |
| 08:15 | 21.7          | 994.00     | 98.0       | .9        | 21.0      | -.04       | .7        | 32.5      | -.01       |
| 08:20 | 21.8          | 994.00     | 97.0       | 1.1       | 18.9      | -.03       | 1.0       | 29.6      | -.03       |
| 08:25 | 21.8          | 994.00     | 97.0       | .9        | 22.6      | -.08       | 1.2       | 32.9      | -.17       |
| 08:30 | 22.0          | 994.00     | 96.0       | .9        | 32.7      | .01        | .9        | 48.9      | -.01       |
| 08:35 | 22.0          | 994.00     | 96.0       | .7        | 63.0      | -.06       | .9        | 73.0      | -.10       |
| 08:40 | 22.3          | 994.00     | 95.0       | .7        | 102.0     | -.15       | .8        | 97.6      | -.15       |
| 08:45 | 22.3          | 994.00     | 95.0       | .8        | 27.1      | -.17       | .6        | 42.4      | -.29       |
| 08:50 | 22.8          | 994.00     | 93.0       | .8        | 38.8      | -.03       | .7        | 55.2      | -.04       |









## Daily Summary Report

Site: Lidar "Q" (PAM35)

8/10/2022

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 |           |           |            |           |           |            |           |           |            |
| 00:05 | .9        | 143.5     | -.12       | .4        | 139.5     | -.04       | .4        | 147.6     | -.01       |
| 00:10 | 1.4       | 132.5     | -.11       | .8        | 127.8     | -.06       | .6        | 113.3     | .00        |
| 00:15 | 1.4       | 121.1     | .09        | 1.1       | 122.3     | .09        | .8        | 108.8     | .05        |
| 00:20 | 1.4       | 79.7      | -.06       | 1.4       | 93.0      | -.09       | 1.1       | 89.6      | -.06       |
| 00:25 | 1.4       | 44.6      | .00        | 1.4       | 74.3      | -.03       | 1.2       | 90.5      | -.03       |
| 00:30 | 1.1       | 57.1      | .01        | 1.1       | 93.4      | .07        | 1.2       | 100.5     | .14        |
| 00:35 | .5        | 41.2      | -.05       | .5        | 112.9     | -.04       | .7        | 106.9     | -.06       |
| 00:40 | .6        | 124.1     | .02        | .7        | 145.5     | .03        | .7        | 153.4     | .06        |
| 00:45 | .9        | 128.9     | -.04       | .8        | 130.6     | .02        | .6        | 139.0     | .07        |
| 00:50 | 1.2       | 142.7     | -.05       | 1.0       | 144.0     | -.05       | .9        | 164.1     | .00        |
| 00:55 | 1.4       | 140.7     | .01        | 1.0       | 149.3     | .05        | 1.1       | 169.6     | .11        |
| 01:00 | .8        | 150.4     | -.07       | .6        | 163.8     | .00        | .9        | 186.6     | .03        |
| 01:05 | 1.0       | 191.4     | -.08       | .7        | 198.7     | -.07       | .8        | 215.8     | -.03       |
| 01:10 | .8        | 227.9     | -.05       | .8        | 223.7     | -.04       | .8        | 246.0     | .00        |
| 01:15 | .8        | 232.8     | .14        | .9        | 236.4     | .07        | 1.1       | 247.6     | .08        |
| 01:20 | .6        | 223.2     | .04        | .9        | 238.8     | .02        | 1.4       | 233.9     | .07        |
| 01:25 | 1.1       | 267.0     | .11        | 1.2       | 284.8     | .00        | 1.6       | 277.9     | .00        |
| 01:30 | 1.3       | 249.3     | .09        | 1.3       | 247.8     | .07        | 1.6       | 253.6     | .01        |
| 01:35 | 1.0       | 276.8     | .07        | 1.2       | 292.8     | .09        | 1.5       | 298.6     | .07        |
| 01:40 | 1.2       | 204.4     | .18        | 1.2       | 222.5     | .06        | 1.4       | 232.4     | .07        |
| 01:45 | .7        | 195.7     | .07        | .8        | 222.9     | .02        | 1.2       | 232.9     | .04        |
| 01:50 | .6        | 207.0     | .04        | .9        | 239.9     | .02        | 1.3       | 239.6     | .03        |
| 01:55 | .6        | 193.3     | .04        | .8        | 220.1     | .00        | 1.2       | 235.7     | -.03       |
| 02:00 | .8        | 177.2     | .07        | .8        | 194.5     | .06        | 1.1       | 226.5     | .08        |
| 02:05 | .4        | 140.8     | -.02       | .5        | 247.9     | .01        | 1.2       | 228.9     | .01        |
| 02:10 | .3        | 157.4     | .01        | .6        | 220.5     | .03        | 1.0       | 235.0     | .00        |
| 02:15 | .8        | 168.5     | .09        | .6        | 197.4     | .07        | .8        | 227.3     | .01        |
| 02:20 | .9        | 191.9     | -.03       | .7        | 219.5     | -.04       | .8        | 245.5     | -.04       |
| 02:25 | 1.0       | 212.8     | .06        | .8        | 236.3     | .08        | 1.1       | 243.0     | .11        |
| 02:30 | 1.3       | 208.7     | .14        | 1.2       | 227.6     | .11        | 1.6       | 230.1     | .04        |
| 02:35 | 1.2       | 209.7     | .15        | 1.3       | 224.4     | .13        | 1.7       | 224.0     | .14        |
| 02:40 | .9        | 231.5     | .16        | 1.0       | 231.1     | .15        | 1.7       | 225.6     | .15        |
| 02:45 | .8        | 216.8     | .09        | 1.3       | 221.7     | .11        | 1.9       | 223.3     | .09        |
| 02:50 | 1.0       | 233.4     | .08        | 1.5       | 233.0     | .07        | 2.0       | 233.9     | .04        |
| 02:55 | 1.0       | 266.9     | .00        | 1.2       | 252.6     | .03        | 1.6       | 246.3     | .02        |
| 03:00 | .9        | 201.9     | -.03       | 1.0       | 214.7     | .02        | 1.5       | 221.7     | .03        |
| 03:05 | 1.3       | 198.6     | .14        | 1.3       | 214.3     | .16        | 2.0       | 219.3     | .18        |
| 03:10 | 1.2       | 209.3     | .11        | 1.3       | 207.6     | .16        | 2.0       | 210.4     | .19        |
| 03:15 | 1.1       | 200.7     | .07        | 1.5       | 203.0     | .09        | 2.4       | 208.4     | .12        |
| 03:20 | 1.0       | 226.5     | .02        | 1.9       | 223.2     | .07        | 2.6       | 224.1     | .08        |
| 03:25 | 1.0       | 252.1     | .03        | 1.8       | 245.0     | .06        | 2.4       | 238.1     | .01        |
| 03:30 | .9        | 321.9     | -.02       | 1.2       | 277.8     | -.03       | 1.7       | 255.1     | -.09       |
| 03:35 | .9        | 354.2     | .12        | .9        | 319.4     | .31        | 1.6       | 265.5     | .12        |
| 03:40 | 1.1       | 293.8     | -.03       | 1.4       | 269.2     | .03        | 1.8       | 253.3     | .11        |
| 03:45 | 1.2       | 270.8     | -.07       | 1.8       | 250.9     | -.04       | 1.9       | 249.6     | -.01       |
| 03:50 | 1.0       | 252.0     | -.08       | 1.7       | 241.0     | -.05       | 1.8       | 241.3     | -.01       |
| 03:55 | 1.0       | 260.2     | -.09       | 1.6       | 255.4     | -.02       | 1.8       | 253.4     | -.02       |
| 04:00 | 1.2       | 290.9     | .00        | 1.7       | 288.4     | .05        | 2.1       | 283.3     | .07        |
| 04:05 | .8        | 314.8     | -.04       | 1.4       | 300.1     | -.02       | 1.9       | 289.6     | -.01       |
| 04:10 | .4        | 335.6     | -.21       | .4        | 319.7     | .19        | 1.3       | 307.2     | .25        |

|       | 12_WS080m | 13_WD080m | 14_VWS080m | 15_WS100m | 16_WD100m | 17_VWS100m | 18_WS120m | 19_WD120m | 20_VWS120m |
|-------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Time  | M/SEC     | DEG       | MPH        | M/SEC     | DEG       | MPH        | M/SEC     | DEGC      | MPH        |
| 04:15 | .3        | 3.9       | .06        | 1.0       | 311.1     | .16        | 1.5       | 297.9     | .21        |
| 04:20 | .5        | 14.4      | -.02       | .9        | 319.3     | .01        | 1.4       | 301.5     | -.01       |
| 04:25 | .9        | 1.2       | .05        | 1.3       | 325.4     | .07        | 1.6       | 315.2     | .10        |
| 04:30 | 1.6       | 353.7     | .01        | 2.0       | 338.8     | .04        | 2.0       | 326.2     | .02        |
| 04:35 | 1.6       | 17.7      | .12        | 2.0       | .2        | .15        | 2.1       | 346.5     | .04        |
| 04:40 | .9        | 21.7      | .03        | 1.3       | 13.9      | .35        | 1.7       | 353.9     | .22        |
| 04:45 | 1.2       | 353.0     | .15        | 1.9       | 340.7     | .06        | 1.9       | 335.7     | .05        |
| 04:50 | .8        | 351.8     | .00        | 1.3       | 330.5     | .01        | 1.6       | 327.5     | .04        |
| 04:55 | 1.0       | 338.5     | .04        | 1.6       | 325.7     | .04        | 2.0       | 314.5     | .08        |
| 05:00 | 1.5       | 321.5     | -.05       | 2.0       | 312.9     | -.05       | 2.6       | 308.0     | -.01       |
| 05:05 | 1.1       | 330.0     | -.02       | 1.8       | 315.9     | .00        | 2.1       | 313.4     | .02        |
| 05:10 | .7        | 22.1      | .03        | 1.1       | 346.1     | -.01       | 1.3       | 331.4     | .01        |
| 05:15 | .5        | 100.4     | .30        | .4        | 30.1      | .34        | .6        | 340.6     | .29        |
| 05:20 | 1.4       | 102.1     | .30        | 1.0       | 84.7      | .30        | .8        | 71.1      | .34        |
| 05:25 | 1.3       | 109.0     | .24        | .9        | 104.5     | .26        | .5        | 72.8      | .27        |
| 05:30 | 1.2       | 134.4     | .53        | .8        | 136.0     | .66        | .3        | 269.6     | .56        |
| 05:35 | 1.2       | 134.6     | .48        | .7        | 155.8     | .51        | .5        | 278.9     | .44        |
| 05:40 | .8        | 133.4     | .40        | .3        | 121.4     | .36        | .5        | 317.0     | .18        |
| 05:45 | 1.2       | 166.1     | .19        | .7        | 151.7     | .19        | .4        | 179.0     | .14        |
| 05:50 | 1.8       | 163.5     | .17        | 1.3       | 162.7     | .16        | .7        | 180.2     | .05        |
| 05:55 | 1.8       | 159.7     | .17        | 1.1       | 158.2     | .11        | .6        | 207.6     | .00        |
| 06:00 | 2.0       | 162.7     | .20        | 1.5       | 163.6     | .18        | .7        | 179.8     | .04        |
| 06:05 | 1.8       | 165.6     | .23        | 1.4       | 171.1     | .19        | .8        | 150.8     | .14        |
| 06:10 | 1.3       | 155.8     | .04        | .4        | 177.2     | .02        | .2        | 158.9     | .02        |
| 06:15 | 1.0       | 182.7     | .04        | .6        | 238.8     | -.02       | .6        | 276.2     | -.09       |
| 06:20 | 1.6       | 184.3     | .01        | 1.7       | 173.1     | .04        | 1.4       | 187.9     | .05        |
| 06:25 | 1.5       | 152.6     | -.32       | 1.6       | 164.6     | .25        | 2.2       | 173.3     | .39        |
| 06:30 | .9        | 149.0     | -.02       | 1.4       | 182.9     | .61        | 2.1       | 178.1     | .53        |
| 06:35 | 1.5       | 174.5     | .22        | 2.0       | 165.9     | .16        | 1.9       | 173.9     | .12        |
| 06:40 | 1.3       | 180.3     | .00        | 1.6       | 166.7     | .03        | 1.5       | 167.7     | .05        |
| 06:45 | 1.0       | 175.6     | -.01       | 1.3       | 169.0     | -.02       | 1.3       | 165.1     | -.04       |
| 06:50 | 1.2       | 188.1     | .08        | 1.5       | 187.9     | .10        | 1.4       | 182.9     | .03        |
| 06:55 | 1.3       | 195.6     | .03        | 1.7       | 198.2     | .07        | 1.6       | 190.5     | -.01       |
| 07:00 | 1.6       | 208.8     | .07        | 1.9       | 205.2     | .09        | 1.6       | 205.3     | .09        |
| 07:05 | 1.2       | 233.2     | .03        | 1.7       | 214.2     | .10        | 2.0       | 211.1     | .06        |
| 07:10 | 1.4       | 219.7     | .03        | 1.8       | 213.3     | .15        | 2.2       | 203.4     | .16        |
| 07:15 | 1.6       | 219.3     | .13        | 2.1       | 203.4     | .15        | 2.5       | 198.5     | .12        |
| 07:20 | 1.7       | 211.8     | -.01       | 2.4       | 203.1     | .03        | 2.7       | 203.3     | .00        |
| 07:25 | 1.8       | 209.1     | -.04       | 2.3       | 203.3     | -.03       | 2.9       | 202.3     | -.08       |
| 07:30 | 1.5       | 211.3     | -.04       | 2.1       | 207.2     | -.14       | 2.5       | 202.5     | -.35       |
| 07:35 | 1.5       | 224.8     | -.23       | 1.8       | 222.0     | -.67       | 1.9       | 215.4     | -.41       |
| 07:40 | 1.5       | 201.7     | -.69       | 1.9       | 203.1     | -.86       | 2.0       | 196.6     | -.08       |
| 07:45 | 1.1       | 197.4     | -.24       | 1.7       | 195.5     | -.07       | 2.0       | 190.0     | -.18       |
| 07:50 | 1.1       | 197.6     | -.12       | 1.7       | 196.4     | -.01       | 2.1       | 193.8     | -.06       |
| 07:55 | .7        | 197.0     | -.19       | 1.3       | 198.4     | -.07       | 2.3       | 194.1     | -.07       |
| 08:00 | .6        | 129.2     | -.28       | 1.1       | 156.1     | .13        | 1.9       | 182.8     | -.05       |
| 08:05 | .8        | 156.6     | .07        | 1.3       | 165.9     | .13        | 2.0       | 183.0     | -.02       |
| 08:10 | .5        | 84.4      | -.10       | 1.0       | 169.1     | -.02       | 1.6       | 181.2     | -.11       |
| 08:15 | .2        | 114.1     | -.03       | .7        | 177.8     | .01        | 1.6       | 185.3     | .07        |
| 08:20 | .7        | 47.0      | -.02       | .4        | 168.6     | -.06       | 1.2       | 187.9     | .01        |
| 08:25 | .5        | 40.7      | -.02       | .3        | 182.4     | .05        | 1.1       | 197.1     | -.05       |
| 08:30 | .5        | 79.3      | -.04       | .6        | 171.8     | -.05       | 1.2       | 181.6     | -.05       |
| 08:35 | .8        | 119.0     | -.12       | 1.0       | 147.5     | -.01       | 1.4       | 161.5     | .04        |
| 08:40 | 1.1       | 112.4     | -.15       | .9        | 134.6     | -.03       | 1.5       | 147.4     | .02        |
| 08:45 | .5        | 84.2      | -.43       | .8        | 121.6     | -.23       | 1.0       | 145.9     | -.13       |
| 08:50 | .7        | 85.4      | -.01       | .9        | 117.3     | -.01       | 1.2       | 144.4     | -.08       |











## Daily Summary Report

Site: Lidar "Q" (PAM35)

8/10/2022

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 |           |           |            |           |           |            |           |           |            |
| 00:05 | .6        | 193.1     | .03        | 1.0       | 207.4     | .08        | 1.5       | 216.5     | .14        |
| 00:10 | .6        | 166.9     | .04        | 1.0       | 207.1     | .04        | 1.5       | 219.8     | .06        |
| 00:15 | .8        | 111.3     | .04        | .5        | 169.8     | .03        | .8        | 206.5     | .07        |
| 00:20 | 1.0       | 81.9      | .00        | .6        | 97.9      | .02        | .4        | 191.4     | .07        |
| 00:25 | 1.1       | 81.5      | -.01       | .8        | 81.1      | .01        | .4        | 114.4     | .05        |
| 00:30 | .9        | 93.7      | .18        | .5        | 138.5     | .20        | .6        | 206.8     | .18        |
| 00:35 | .7        | 108.1     | -.07       | .5        | 159.6     | -.04       | .8        | 221.8     | .01        |
| 00:40 | .6        | 162.9     | .08        | .8        | 198.2     | .12        | 1.4       | 214.7     | .13        |
| 00:45 | .7        | 175.2     | .10        | 1.2       | 200.9     | .10        | 1.7       | 211.8     | .14        |
| 00:50 | 1.2       | 182.2     | .03        | 1.5       | 197.2     | .03        | 1.9       | 203.7     | .04        |
| 00:55 | 1.3       | 185.1     | .15        | 1.7       | 191.2     | .15        | 2.3       | 192.8     | .17        |
| 01:00 | 1.4       | 197.4     | .04        | 2.2       | 198.3     | .04        | 3.1       | 202.1     | .07        |
| 01:05 | 1.3       | 217.0     | -.01       | 1.9       | 211.4     | -.01       | 2.6       | 210.4     | .00        |
| 01:10 | 1.2       | 235.8     | .02        | 1.7       | 226.2     | .01        | 2.6       | 219.3     | .05        |
| 01:15 | 1.6       | 238.8     | .14        | 1.7       | 222.9     | .13        |           |           | .13        |
| 01:20 | 2.4       | 225.5     | .09        | 3.0       | 226.2     | .17        | 3.4       | 227.4     | .12        |
| 01:25 | 2.2       | 257.1     | .01        | 2.9       | 249.2     | .02        | 3.5       | 241.9     | -.01       |
| 01:30 | 2.1       | 243.8     | .01        | 3.1       | 235.8     | -.01       | 3.8       | 233.8     | -.03       |
| 01:35 | 1.8       | 292.4     | .04        | 2.3       | 266.5     | .08        | 3.0       | 250.8     | .07        |
| 01:40 | 2.0       | 230.8     | .07        | 3.0       | 227.4     | .07        | 3.5       | 225.5     | .21        |
| 01:45 | 1.8       | 225.0     | .04        | 2.6       | 225.2     | .07        | 3.3       | 225.5     | .09        |
| 01:50 | 1.9       | 230.2     | .04        | 2.8       | 228.3     | .02        | 3.5       | 227.9     | .05        |
| 01:55 | 1.8       | 226.6     | -.05       | 2.9       | 222.9     | -.07       | 3.5       | 223.3     | -.03       |
| 02:00 | 1.8       | 222.1     | .10        | 2.9       | 221.0     | .08        | 3.5       | 220.5     | .11        |
| 02:05 | 2.3       | 225.0     | .04        | 3.0       | 223.7     | .11        | 3.5       | 226.5     | .16        |
| 02:10 | 2.2       | 227.1     | -.03       | 2.9       | 227.8     | -.01       | 3.4       | 228.9     | .01        |
| 02:15 | 1.9       | 221.8     | -.07       | 2.7       | 221.0     | -.03       | 3.3       | 222.3     | -.02       |
| 02:20 | 1.7       | 229.6     | -.10       | 2.6       | 226.0     | -.05       | 3.2       | 224.9     | -.05       |
| 02:25 | 1.9       | 230.4     | .06        | 2.9       | 225.6     | .06        | 3.7       | 225.0     | .01        |
| 02:30 | 2.3       | 224.7     | -.02       | 3.1       | 220.4     | -.03       | 3.9       | 220.5     | -.03       |
| 02:35 | 2.4       | 222.0     | .11        | 3.0       | 220.7     | .10        | 3.9       | 220.3     | .07        |
| 02:40 | 2.2       | 226.9     | .10        | 2.7       | 226.2     | .22        | 3.7       | 225.0     | .22        |
| 02:45 | 2.3       | 226.8     | .11        | 2.9       | 224.4     | .12        | 3.9       | 224.5     | .14        |
| 02:50 | 2.4       | 236.3     | .05        | 3.1       | 234.2     | .04        | 4.2       | 230.8     | .07        |
| 02:55 | 1.9       | 245.7     | .00        | 2.3       | 246.1     | .01        | 3.0       | 239.5     | .04        |
| 03:00 | 1.8       | 224.0     | .01        | 2.2       | 227.1     | -.02       | 2.8       | 224.2     | .01        |
| 03:05 | 2.4       | 224.3     | .16        | 2.8       | 225.4     | .12        | 3.2       | 225.0     | .13        |
| 03:10 | 2.6       | 218.6     | .19        | 2.8       | 217.3     | .11        | 3.2       | 224.0     | .01        |
| 03:15 | 2.8       | 212.5     | .13        | 3.2       | 214.1     | .12        | 3.6       | 214.1     | .13        |
| 03:20 | 3.1       | 219.7     | .10        | 3.3       | 219.1     | .11        | 3.6       | 220.6     | .11        |
| 03:25 | 2.7       | 229.9     | .02        | 3.0       | 226.3     | .03        | 3.2       | 228.2     | .03        |
| 03:30 | 2.0       | 243.8     | -.10       | 2.3       | 237.4     | -.09       | 2.5       | 239.0     | -.09       |
| 03:35 | 1.9       | 256.6     | .06        | 2.1       | 249.2     | .05        | 2.4       | 246.7     | .03        |
| 03:40 | 2.1       | 251.3     | .09        | 2.2       | 245.8     | .10        | 2.6       | 241.4     | .06        |
| 03:45 | 2.0       | 244.3     | .04        | 2.4       | 241.7     | .07        | 2.8       | 244.2     | .08        |
| 03:50 | 2.0       | 234.9     | .00        | 2.5       | 236.0     | .03        | 3.0       | 240.8     | .04        |
| 03:55 | 2.0       | 251.8     | .01        | 2.3       | 246.6     | -.02       | 2.8       | 247.6     | -.01       |
| 04:00 | 2.2       | 275.0     | .06        | 2.4       | 263.7     | .06        | 2.8       | 262.9     | .04        |
| 04:05 | 2.2       | 278.5     | -.03       | 2.4       | 267.3     | -.01       | 2.9       | 265.9     | .00        |
| 04:10 | 1.9       | 295.0     | .22        | 2.1       | 285.6     | .12        | 2.2       | 268.7     | .12        |

|       | 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 | 1.9       | 287.1     | .19        | 2.0       | 274.8     | .15        | 2.3       | 274.3     | .13        |
| 04:20 | 1.6       | 295.7     | .08        | 1.8       | 277.5     | .03        | 2.2       | 275.2     | .08        |
| 04:25 | 1.6       | 301.7     | .11        | 1.9       | 289.6     | .08        | 2.3       | 283.2     | .11        |
| 04:30 | 1.9       | 312.9     | .02        | 2.2       | 302.8     | -.05       | 2.7       | 286.6     | .02        |
| 04:35 | 2.0       | 336.2     | .00        | 2.0       | 325.1     | -.09       | 2.3       | 306.7     | -.11       |
| 04:40 | 1.9       | 346.0     | .12        | 2.0       | 338.3     | .18        | 2.3       | 317.2     | .13        |
| 04:45 | 2.1       | 336.4     | .01        | 2.3       | 320.4     | .03        | 2.9       | 302.7     | .07        |
| 04:50 | 1.8       | 309.3     | .01        | 2.3       | 297.9     | .07        | 3.0       | 291.8     | .10        |
| 04:55 | 2.5       | 305.2     | .07        | 3.1       | 300.3     | .06        | 3.6       | 291.7     | .05        |
| 05:00 | 3.2       | 307.2     | .03        | 3.8       | 302.0     | .03        | 4.1       | 293.3     | .00        |
| 05:05 | 2.6       | 312.6     | .05        | 3.3       | 306.4     | .05        | 3.9       | 299.0     | .02        |
| 05:10 | 1.8       | 322.3     | .03        | 2.6       | 316.6     | .01        | 3.5       | 309.5     | .00        |
| 05:15 | 1.2       | 324.2     | .34        | 2.1       | 318.3     | .31        | 2.9       | 307.3     | .23        |
| 05:20 | 1.0       | 6.5       | .31        | 1.5       | 339.5     | .23        | 2.1       | 313.4     | .17        |
| 05:25 | 1.0       | 347.0     | .26        | 1.7       | 324.4     | .22        | 2.3       | 313.2     | .11        |
| 05:30 | 1.0       | 315.8     | .45        | 1.7       | 311.3     | .26        | 2.2       | 299.7     | .14        |
| 05:35 | 1.1       | 313.6     | .40        | 1.8       | 305.7     | .25        | 2.4       | 296.9     | .16        |
| 05:40 | 1.0       | 322.7     | .15        | 1.7       | 317.2     | .07        | 2.4       | 300.7     | -.25       |
| 05:45 | .5        | 289.6     | .02        | .9        | 294.2     | .00        | 1.4       | 304.5     | -.30       |
| 05:50 | .6        | 209.4     | .04        | .6        | 270.1     | .00        | 1.6       | 300.5     | -.39       |
| 05:55 | .4        | 149.9     | -.01       | .8        | 305.4     | -.10       | 2.3       | 309.6     | -.49       |
| 06:00 | .6        | 196.2     | -.02       | .6        | 284.8     | -.15       | 1.7       | 314.0     | -.47       |
| 06:05 | .6        | 129.4     | .03        | .9        | 304.4     | -.27       | 1.5       | 309.0     | -.21       |
| 06:10 | .8        | 315.9     | -.71       | 1.4       | 322.0     | -.67       | 1.6       | 293.9     | .38        |
| 06:15 | 1.4       | 313.5     | -.79       | 1.6       | 307.8     | -.26       | 1.9       | 291.2     | .32        |
| 06:20 | .8        | 201.4     | -.26       | .8        | 300.1     | -.92       | 1.3       | 281.5     | -.35       |
| 06:25 | 1.7       | 193.6     | -.39       | .7        | 233.7     | -.54       | .9        | 277.9     | -.09       |
| 06:30 | 2.1       | 184.9     | .03        | 1.2       | 214.1     | -.27       | 1.1       | 251.3     | -.07       |
| 06:35 | 2.0       | 188.3     | -.19       | .9        | 198.8     | -.35       | .8        | 271.0     | -.14       |
| 06:40 | 1.4       | 173.6     | -.17       | .6        | 214.0     | -.47       | .9        | 270.5     | -.10       |
| 06:45 | .7        | 169.6     | -.35       | .6        | 244.8     | -.39       | 1.0       | 245.8     | .03        |
| 06:50 | 1.2       | 186.2     | -.18       | .9        | 249.1     | -.47       | 1.4       | 257.9     | -.12       |
| 06:55 | 1.3       | 187.7     | -.14       | 1.1       | 218.3     | -.27       | 1.3       | 230.1     | -.02       |
| 07:00 | 1.5       | 212.5     | .06        | 1.4       | 232.0     | -.10       | 1.5       | 248.2     | -.11       |
| 07:05 | 1.8       | 209.8     | .01        | 1.3       | 192.2     | -.37       | 1.3       | 244.5     | -.38       |
| 07:10 | 2.3       | 201.1     | .09        | 2.1       | 202.1     | -.36       | 1.7       | 204.7     | -.20       |
| 07:15 | 2.4       | 200.5     | .07        | 2.3       | 206.3     | -.33       | 1.8       | 216.4     | -.23       |
| 07:20 | 2.6       | 205.7     | -.09       | 2.5       | 213.0     | -.35       | 2.2       | 216.9     | -.43       |
| 07:25 | 2.8       | 203.6     | -.22       | 2.6       | 203.4     | -.45       | 2.6       | 205.6     | -.44       |
| 07:30 | 2.3       | 205.7     | -.41       | 2.3       | 206.4     | -.35       | 2.3       | 204.6     | -.05       |
| 07:35 | 2.0       | 212.3     | -.26       | 2.1       | 215.5     | .03        | 1.9       | 216.6     | .12        |
| 07:40 | 1.9       | 200.3     | -.25       | 1.8       | 198.5     | -.15       | 1.8       | 203.5     | -.02       |
| 07:45 | 2.3       | 193.6     | -.52       | 2.2       | 198.1     | -.40       | 1.9       | 196.6     | -.18       |
| 07:50 | 2.0       | 194.8     | -.02       | 2.0       | 199.5     | .00        | 2.2       | 207.3     | -.06       |
| 07:55 | 2.4       | 196.5     | -.09       | 2.2       | 198.8     | -.10       | 2.3       | 203.6     | -.14       |
| 08:00 | 2.3       | 183.3     | -.08       | 2.1       | 193.5     | -.02       | 2.1       | 198.6     | -.10       |
| 08:05 | 2.4       | 189.6     | .04        | 2.4       | 193.9     | -.05       | 2.6       | 198.7     | -.42       |
| 08:10 | 2.1       | 189.4     | .08        | 2.6       | 193.7     | -.01       | 2.8       | 195.9     | -.08       |
| 08:15 | 2.2       | 188.7     | .07        | 2.6       | 186.7     | -.08       | 2.6       | 189.5     | -.16       |
| 08:20 | 1.7       | 187.1     | -.05       | 2.0       | 184.7     | -.13       | 2.5       | 198.6     | -.25       |
| 08:25 | 1.5       | 181.7     | -.06       | 1.7       | 181.8     | -.14       | 2.2       | 199.2     | -.49       |
| 08:30 | 1.5       | 172.3     | -.02       | 1.8       | 178.0     | -.06       | 2.4       | 198.4     | -.40       |
| 08:35 | 1.9       | 167.2     | .02        | 2.2       | 182.1     | -.13       | 2.5       | 198.6     | -.33       |
| 08:40 | 1.8       | 160.3     | -.05       | 2.0       | 180.7     | -.37       | 2.3       | 196.7     | -.58       |
| 08:45 | 1.3       | 166.1     | -.30       | 1.7       | 188.5     | -.81       | 1.9       | 195.7     | -.40       |
| 08:50 | 1.5       | 162.0     | -.42       | 1.6       | 178.5     | -.57       | 1.9       | 188.6     | -.11       |











## Daily Summary Report

Site: Lidar "Q" (PAM35)

8/10/2022

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 |           |           |            |           |           |           |           |            |           |
| 00:05 | 2.0       | 220.7     | .16        | 2.7       | 221.9     | 3.1       | 223.1     | .17        | 3.6       |
| 00:10 | 1.8       | 219.0     | .11        | 2.1       | 216.1     | 2.6       | 216.9     | .14        | 3.4       |
| 00:15 | 1.3       | 222.3     | .06        | 1.8       | 226.8     | 2.2       | 224.5     | .05        | 2.6       |
| 00:20 | .8        | 224.0     | .05        | 1.2       | 236.6     | 1.5       | 230.0     | .08        | 2.2       |
| 00:25 | .6        | 236.4     | .07        | .9        | 234.3     | 1.4       | 221.7     | .13        | 2.0       |
| 00:30 | 1.0       | 212.0     | .13        | 1.4       | 212.7     | 2.0       | 216.7     | .14        | 2.6       |
| 00:35 | 1.2       | 220.1     | .05        | 1.6       | 219.0     | 2.3       | 227.3     | .09        | 3.0       |
| 00:40 | 2.1       | 219.7     | .17        | 2.7       | 219.1     | 3.4       | 216.0     | .16        | 3.9       |
| 00:45 | 2.4       | 214.0     | .17        | 3.1       | 210.2     | 3.8       | 210.7     | .18        | 4.1       |
| 00:50 | 2.5       | 203.8     | .06        | 3.4       | 207.2     | 3.9       | 209.4     | .07        | 4.2       |
| 00:55 | 3.0       | 197.8     | .19        | 3.5       | 202.4     | 3.9       | 206.3     | .17        | 4.3       |
| 01:00 | 3.5       | 205.6     | .09        | 3.7       | 207.9     | 4.2       | 209.4     | .10        | 4.7       |
| 01:05 | 3.3       | 212.8     | -.02       | 3.9       | 216.0     | 4.1       | 218.2     | -.02       | 4.5       |
| 01:10 | 3.5       | 220.4     | .06        | 3.6       | 220.2     | 4.0       | 223.5     | .08        | 4.4       |
| 01:15 | 4.2       | 233.3     | .14        |           |           |           |           | .14        |           |
| 01:20 | 4.0       | 227.2     | .22        | 4.7       | 225.3     | 4.6       | 225.5     | .22        | 4.3       |
| 01:25 | 4.2       | 237.8     | .02        | 4.9       | 232.4     | 4.8       | 231.8     | .02        | 4.6       |
| 01:30 | 4.2       | 232.8     | -.04       | 5.0       | 232.0     | 5.4       | 232.8     | -.01       | 5.2       |
| 01:35 | 3.5       | 244.8     | .07        | 4.2       | 240.6     | 4.9       | 234.9     | .12        |           |
| 01:40 | 4.1       | 228.9     | .08        | 4.7       | 229.0     | 5.2       | 224.0     | .26        |           |
| 01:45 | 3.9       | 226.4     | .13        | 4.4       | 226.3     | 4.8       | 227.0     | .13        | 4.5       |
| 01:50 | 3.9       | 227.8     | .06        | 4.3       | 226.8     | 4.7       | 226.0     | .08        | 4.4       |
| 01:55 | 3.8       | 222.4     | -.02       | 4.3       | 220.1     | 4.8       | 220.2     | .01        | 4.6       |
| 02:00 | 4.0       | 222.6     | .16        | 4.5       | 222.0     | 4.9       | 221.9     | .18        | 5.0       |
| 02:05 | 3.8       | 224.1     | .17        | 4.0       | 225.4     | 3.6       | 219.2     | .16        | 3.9       |
| 02:10 | 3.8       | 228.1     | .00        | 4.1       | 228.7     | 3.8       | 224.9     | -.01       | 4.0       |
| 02:15 | 3.7       | 223.2     | -.01       | 4.1       | 224.7     | 4.1       | 223.7     | .03        | 3.7       |
| 02:20 | 3.8       | 223.5     | .01        | 4.2       | 225.1     | 4.2       | 225.1     | -.03       |           |
| 02:25 | 4.3       | 225.8     | -.02       | 4.3       | 226.8     | 4.1       | 223.5     | -.02       | 4.3       |
| 02:30 | 4.4       | 222.9     | -.07       | 4.6       | 225.2     | 4.5       | 222.3     | -.04       | 4.5       |
| 02:35 | 4.6       | 221.7     | .07        | 4.8       | 225.0     | 4.6       | 224.9     | -.01       | 4.6       |
| 02:40 | 4.6       | 226.5     | .22        | 4.7       | 228.2     | 4.6       | 227.6     | .23        | 4.7       |
| 02:45 | 4.8       | 226.8     | .17        | 4.9       | 228.3     | 4.8       | 225.8     | .17        | 4.8       |
| 02:50 | 4.9       | 233.0     | .07        | 5.1       | 233.0     | 5.0       | 230.7     | .06        | 5.1       |
| 02:55 | 3.7       | 238.3     | .04        | 4.4       | 235.7     | 4.9       | 234.6     | .07        | 5.2       |
| 03:00 | 3.6       | 225.3     | .02        | 4.4       | 224.3     | 5.0       | 224.7     | .00        | 5.3       |
| 03:05 | 3.8       | 224.2     | .06        | 4.5       | 224.7     | 4.9       | 225.9     | .08        | 5.6       |
| 03:10 | 3.2       | 214.8     | .08        | 3.2       | 197.1     |           |           | .05        |           |
| 03:15 | 4.0       | 216.2     | .13        | 4.2       | 217.0     | 4.4       | 216.9     | .10        | 4.7       |
| 03:20 | 3.8       | 220.9     | .12        | 4.0       | 223.1     | 4.5       | 225.3     | .10        | 5.3       |
| 03:25 | 3.2       | 229.8     | .05        | 3.5       | 231.1     | 4.1       | 231.3     | .05        | 5.0       |
| 03:30 | 2.6       | 239.1     | -.07       | 3.1       | 239.3     | 4.0       | 238.2     | -.09       | 5.0       |
| 03:35 | 2.6       | 245.4     | .03        | 3.0       | 245.8     | 3.8       | 244.2     | -.01       | 4.9       |
| 03:40 | 2.9       | 242.2     | .06        | 3.3       | 243.7     | 4.0       | 241.6     | .10        | 4.9       |
| 03:45 | 3.3       | 244.6     | .10        | 4.0       | 241.9     | 4.8       | 239.7     | .08        | 5.3       |
| 03:50 | 3.5       | 240.4     | .05        | 4.0       | 236.7     | 4.9       | 233.9     | .02        | 5.2       |
| 03:55 | 3.1       | 248.4     | -.01       | 3.6       | 244.7     | 4.3       | 241.1     | -.04       | 5.0       |
| 04:00 | 3.2       | 263.2     | .06        | 3.7       | 259.0     | 4.3       | 253.2     | .05        | 4.9       |
| 04:05 | 3.3       | 265.4     | .00        | 3.9       | 259.1     | 4.6       | 250.6     | -.01       | 5.0       |
| 04:10 | 2.6       | 267.9     | .02        | 3.1       | 265.0     | 3.9       | 255.0     | -.03       | 4.3       |

|       | 29_WS200m | 30_WD200m | 32_VWS200m | 33_WS220m | 34_WD220m | 36_WS240m | 37_WD240m | 38_VWS240m | 39_WS260m |
|-------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|-----------|
| Time  | M/SEC     | DEGC      | MPH        | M/SEC     | DEGC      | M/SEC     | DEG       | MPH        | M/SEC     |
| 04:15 | 2.8       | 271.5     | -.06       | 3.5       | 260.0     | 4.1       | 250.8     | .08        | 4.5       |
| 04:20 | 2.7       | 273.2     | .05        | 3.4       | 260.8     | 3.9       | 251.7     | -.03       | 4.3       |
| 04:25 | 2.9       | 269.9     | .12        | 3.4       | 256.2     | 4.0       | 249.7     | .16        | 4.7       |
| 04:30 | 3.1       | 269.4     | .07        | 3.7       | 258.4     | 4.5       | 255.1     | .13        | 5.1       |
| 04:35 | 2.7       | 291.4     | -.19       | 2.9       | 278.0     | 3.3       | 267.6     | -.15       | 3.8       |
| 04:40 | 2.5       | 299.4     | .11        | 2.6       | 287.0     | 2.8       | 273.5     | .07        | 3.3       |
| 04:45 | 3.4       | 292.7     | .08        | 3.7       | 284.0     | 3.9       | 273.8     | .05        | 4.3       |
| 04:50 | 3.7       | 286.0     | .06        | 4.1       | 278.9     | 4.4       | 274.1     | .03        | 4.3       |
| 04:55 | 3.9       | 280.7     | .06        | 4.2       | 273.8     | 4.4       | 270.6     | .10        | 4.5       |
| 05:00 | 4.4       | 282.3     | -.01       | 4.5       | 276.0     | 4.6       | 272.1     | -.05       | 4.5       |
| 05:05 | 4.2       | 291.2     | .02        | 4.4       | 282.4     | 4.5       | 272.8     | -.04       | 4.6       |
| 05:10 | 3.6       | 300.9     | .00        | 3.7       | 291.6     | 4.0       | 279.4     | -.05       | 3.9       |
| 05:15 | 3.0       | 298.5     | .18        | 3.0       | 288.4     | 3.5       | 276.1     | .07        | 3.6       |
| 05:20 | 2.2       | 300.6     | .05        | 2.3       | 288.3     | 2.7       | 274.6     | .00        | 2.9       |
| 05:25 | 2.4       | 303.2     | .04        | 2.3       | 284.7     | 2.5       | 275.3     | .05        | 2.6       |
| 05:30 | 2.3       | 286.2     | .05        | 2.4       | 272.8     | 2.7       | 257.4     | .19        | 3.1       |
| 05:35 | 2.5       | 284.2     | .14        | 2.6       | 267.4     | 2.9       | 254.7     | .20        | 3.4       |
| 05:40 | 2.4       | 287.3     | -.15       | 2.5       | 282.4     | 2.8       | 267.6     | .17        | 3.0       |
| 05:45 | 2.2       | 297.7     | -.54       | 2.4       | 290.2     | 2.5       | 272.6     | -.20       | 2.7       |
| 05:50 | 2.2       | 303.7     | -.32       | 2.3       | 292.2     | 2.5       | 277.1     | -.01       | 2.7       |
| 05:55 | 2.3       | 302.6     | -.15       | 2.4       | 289.9     | 2.5       | 283.0     | .05        | 2.7       |
| 06:00 | 2.0       | 304.8     | -.12       | 2.1       | 287.3     | 2.2       | 276.1     | .11        | 2.4       |
| 06:05 | 1.8       | 293.8     | .15        | 2.1       | 281.9     | 2.1       | 268.7     | .21        | 2.2       |
| 06:10 | 1.7       | 280.3     | .26        | 2.1       | 261.4     | 2.8       | 252.1     | .12        | 2.9       |
| 06:15 | 2.3       | 280.2     | .11        | 2.0       | 266.8     |           |           | .03        |           |
| 06:20 | 1.5       | 278.9     | .19        | 1.6       | 272.4     | 1.8       | 265.0     | .04        |           |
| 06:25 | 1.3       | 270.6     | .17        | 1.7       | 274.1     |           |           | .26        |           |
| 06:30 | 1.5       | 255.9     | .16        | 1.9       | 270.0     | 2.1       | 268.1     | .13        | 2.5       |
| 06:35 | 1.5       | 265.5     | .15        | 2.0       | 271.1     | 2.3       | 259.6     | .20        | 2.5       |
| 06:40 | 1.4       | 265.6     | .32        | 2.1       | 273.4     | 2.4       | 258.4     | .20        | 2.7       |
| 06:45 | 1.5       | 280.4     | .09        | 1.8       | 267.6     | 2.4       | 250.4     | -.03       | 2.5       |
| 06:50 | 1.6       | 255.7     | .10        | 1.6       | 252.6     | 2.4       | 238.1     | -.21       | 2.7       |
| 06:55 | 1.8       | 256.5     | .20        | 2.4       | 256.3     | 2.3       | 240.3     | -.21       | 2.6       |
| 07:00 | 2.0       | 248.5     | -.25       | 2.3       | 241.1     | 2.6       | 236.3     | -.25       | 2.9       |
| 07:05 | 1.8       | 245.8     | -.02       | 2.0       | 235.3     | 2.5       | 239.7     | -.09       | 2.8       |
| 07:10 | 1.8       | 210.8     | .11        | 1.9       | 218.4     | 2.3       | 230.2     | .18        | 2.8       |
| 07:15 | 1.8       | 219.0     | .08        | 2.1       | 223.5     | 2.6       | 227.5     | .19        | 3.0       |
| 07:20 | 2.1       | 216.9     | -.10       | 2.3       | 219.8     | 2.7       | 222.3     | .09        | 3.0       |
| 07:25 | 2.5       | 205.0     | -.05       | 2.3       | 208.5     | 2.4       | 216.5     | .13        | 2.8       |
| 07:30 | 2.2       | 208.2     | .15        | 2.2       | 212.9     | 2.4       | 217.5     | .16        | 2.8       |
| 07:35 | 2.0       | 221.9     | .18        | 2.0       | 227.0     | 2.3       | 228.0     | .19        | 3.2       |
| 07:40 | 1.9       | 208.7     | .11        | 2.0       | 214.1     | 2.6       | 217.7     | .16        | 3.4       |
| 07:45 | 1.8       | 209.7     | -.04       | 2.0       | 214.2     | 2.8       | 217.7     | .04        | 3.4       |
| 07:50 | 2.6       | 219.4     | -.15       | 3.2       | 223.0     | 3.8       | 226.1     | -.23       | 4.2       |
| 07:55 | 2.7       | 208.2     | -.53       | 2.8       | 217.8     | 3.1       | 217.5     | -.53       | 3.5       |
| 08:00 | 2.3       | 206.6     | -.65       | 2.5       | 210.8     | 2.8       | 212.5     | -.36       | 3.5       |
| 08:05 | 2.8       | 201.7     | -.63       | 2.7       | 205.6     | 2.9       | 207.9     | -.22       | 3.2       |
| 08:10 | 2.9       | 206.1     | -.47       | 2.9       | 214.7     | 3.0       | 213.9     | -.49       | 3.4       |
| 08:15 | 3.1       | 197.7     | -.40       | 3.0       | 207.9     | 3.1       | 210.4     | -.42       | 3.4       |
| 08:20 | 2.8       | 206.4     | -.12       | 3.3       | 216.4     | 3.4       | 221.8     | -.32       | 3.7       |
| 08:25 | 2.8       | 211.7     | -.43       | 3.1       | 214.0     | 3.5       | 217.9     | -.14       | 3.7       |
| 08:30 | 2.9       | 204.9     | -.30       | 3.3       | 210.0     | 3.6       | 218.2     | -.09       | 3.8       |
| 08:35 | 3.0       | 204.6     | -.25       | 3.3       | 210.5     | 3.4       | 216.1     | -.09       | 3.7       |
| 08:40 | 2.6       | 201.2     | -.06       | 3.0       | 204.0     | 3.4       | 214.2     | .15        | 3.6       |
| 08:45 | 2.3       | 196.9     | .13        | 2.7       | 207.2     | 3.0       | 216.0     | .19        | 3.4       |
| 08:50 | 2.2       | 193.7     | .22        | 2.5       | 205.9     | 3.1       | 215.8     | .26        | 3.5       |











## Daily Summary Report

Site: Lidar "Q" (PAM35)

8/10/2022

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 |           |            |           |           |            |           |           |            |           |
| 00:05 | 221.5     | .20        | 3.9       | 219.5     | .27        | 4.2       | 218.1     | .20        | 4.7       |
| 00:10 | 215.7     | .19        | 4.0       | 214.7     | .14        | 4.5       | 215.9     | .10        | 4.9       |
| 00:15 | 220.3     | .07        | 3.3       | 217.0     | .03        | 3.8       | 218.1     | .04        | 4.3       |
| 00:20 | 222.0     | .12        | 2.7       | 221.2     | .14        | 3.3       | 222.8     | .12        | 3.9       |
| 00:25 | 222.0     | .17        | 2.5       | 226.0     | .11        | 3.5       | 225.6     | .13        | 3.8       |
| 00:30 | 219.4     | .14        | 3.5       | 219.6     | .11        | 4.1       | 219.0     | .12        | 4.4       |
| 00:35 | 226.6     | .11        | 3.6       | 213.1     | .07        | 4.4       | 221.2     | .08        | 4.2       |
| 00:40 | 215.4     | .17        | 4.2       | 216.8     | .24        | 4.6       | 218.0     | .15        | 4.7       |
| 00:45 | 212.6     | .22        | 4.3       | 214.5     | .20        | 4.4       | 214.9     | .27        | 4.3       |
| 00:50 | 210.4     | .11        | 4.6       | 212.1     | .12        | 4.7       | 212.8     | .12        | 4.4       |
| 00:55 | 206.7     | .17        | 4.8       | 208.9     | .18        | 4.8       | 209.2     | .22        | 4.4       |
| 01:00 | 211.6     | .16        | 4.7       | 209.3     | .08        | 4.4       | 212.5     | .10        | 4.4       |
| 01:05 | 218.5     | .03        | 5.0       | 218.3     | .07        | 5.1       | 216.3     | .04        |           |
| 01:10 | 223.0     | .10        | 4.9       | 223.4     | .10        |           |           | .13        |           |
| 01:15 |           | .17        |           |           | .08        |           |           | .08        |           |
| 01:20 | 223.9     | .23        | 4.1       | 225.4     | .24        | 3.8       | 234.2     | .26        |           |
| 01:25 | 230.5     | .07        | 4.3       | 234.8     | -.02       | 4.1       | 236.1     | .09        |           |
| 01:30 | 230.6     | .01        |           |           | .01        |           |           | -.14       |           |
| 01:35 |           | .15        |           |           | .10        |           |           | -.06       |           |
| 01:40 |           | .48        |           |           |            |           |           |            |           |
| 01:45 | 225.8     | .18        | 4.2       | 224.6     | .19        | 4.0       | 226.1     | .22        | 3.4       |
| 01:50 | 224.0     | .11        | 4.2       | 222.5     | .15        | 4.1       | 225.5     | .09        | 4.4       |
| 01:55 | 219.6     | .07        | 4.4       | 218.6     | .04        | 4.2       | 219.7     | -.01       | 4.2       |
| 02:00 | 223.6     | .19        | 4.8       | 221.8     | .18        | 4.6       | 218.1     | .22        |           |
| 02:05 | 221.1     | .00        | 3.9       | 223.4     | -.01       | 4.1       | 224.3     | .03        | 4.3       |
| 02:10 | 225.5     | -.03       | 4.1       | 228.5     | -.05       | 4.2       | 229.1     | -.08       | 4.4       |
| 02:15 | 219.5     | .05        | 4.0       | 222.2     | -.02       | 4.2       | 222.8     | -.05       | 4.4       |
| 02:20 |           | .16        |           |           | .09        |           |           | .03        |           |
| 02:25 | 223.3     | .01        | 4.5       | 222.6     | .02        | 4.7       | 221.8     | .02        | 4.8       |
| 02:30 | 220.6     | -.03       | 4.6       | 219.9     | -.07       | 4.9       | 219.9     | -.05       | 5.1       |
| 02:35 | 222.0     | .13        | 4.6       | 218.8     | .01        | 4.9       | 220.0     | .01        | 5.3       |
| 02:40 | 222.9     | .21        | 5.1       | 223.0     | .13        | 5.4       | 224.4     | .15        | 5.5       |
| 02:45 | 223.0     | .14        | 5.1       | 222.2     | .11        | 5.4       | 223.5     | .16        | 5.6       |
| 02:50 | 227.9     | .04        | 5.2       | 226.1     | .05        | 5.7       | 225.1     | .09        | 6.2       |
| 02:55 | 234.9     | .05        | 5.2       | 232.4     | .05        | 5.5       | 231.7     | .10        | 5.8       |
| 03:00 | 225.2     | .02        | 5.5       | 224.5     | .01        | 5.7       | 223.8     | .02        | 5.9       |
| 03:05 | 226.8     | .06        | 6.0       | 227.7     | .05        | 6.3       | 228.7     | .04        | 6.4       |
| 03:10 |           | -.22       |           |           | .11        |           |           | -.04       | 5.8       |
| 03:15 | 218.0     | .12        | 5.4       | 221.0     | .12        | 6.1       | 223.2     | .13        | 6.7       |
| 03:20 | 226.2     | .11        | 6.1       | 227.4     | .12        | 6.7       | 227.0     | -.04       | 6.9       |
| 03:25 | 231.3     | .03        | 5.8       | 229.9     | -.06       | 6.3       | 227.0     | -.24       | 6.5       |
| 03:30 | 237.4     | -.10       | 5.5       | 232.4     | -.11       | 5.8       | 228.4     | -.08       | 6.0       |
| 03:35 | 240.5     | -.03       | 5.4       | 236.7     | .01        | 5.7       | 232.5     | .02        | 6.1       |
| 03:40 | 239.6     | .09        | 5.6       | 236.8     | .09        | 5.9       | 234.4     | .16        | 6.4       |
| 03:45 | 236.2     | .14        | 5.6       | 233.8     | .19        | 6.0       | 232.1     | .19        | 6.4       |
| 03:50 | 230.9     | .10        | 5.7       | 229.6     | .12        | 6.3       | 227.3     | .12        | 6.8       |
| 03:55 | 235.1     | -.14       | 5.6       | 232.9     | -.01       | 6.3       | 231.1     | .00        | 6.8       |
| 04:00 | 247.0     | -.02       | 5.2       | 239.7     | .15        | 5.8       | 237.6     | .16        | 6.4       |
| 04:05 | 245.3     | .07        | 5.5       | 242.5     | .08        | 6.1       | 240.6     | .11        | 6.6       |
| 04:10 | 248.8     | .10        | 4.8       | 245.7     | .15        | 5.3       | 242.9     | .09        | 5.6       |

|       | 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 | 247.6     | .16        | 4.9       | 244.3     | .09        | 5.4       | 242.5     | .12        | 6.1       |
| 04:20 | 247.0     | .15        | 4.9       | 243.4     | .10        | 5.5       | 241.3     | .10        | 6.2       |
| 04:25 | 245.9     | .19        | 5.4       | 243.0     | .18        | 6.0       | 240.6     | .21        | 6.3       |
| 04:30 | 252.9     | .12        | 5.7       | 249.8     | .13        | 5.9       | 243.6     | .10        | 5.7       |
| 04:35 | 261.6     | .04        | 4.5       | 256.7     | .09        | 5.1       | 251.2     | .15        | 5.4       |
| 04:40 | 263.8     | .34        | 3.9       | 254.9     | .41        | 4.5       | 250.2     | .43        | 5.1       |
| 04:45 | 266.3     | .14        | 4.7       | 262.9     | .14        | 5.0       | 258.4     | .06        | 5.4       |
| 04:50 | 266.7     | .00        | 4.6       | 266.3     | -.02       | 4.6       | 262.5     | .03        | 4.9       |
| 04:55 | 269.4     | -.10       | 4.8       | 268.2     | .04        | 4.6       | 261.9     | .29        | 4.9       |
| 05:00 | 267.4     | -.05       | 4.5       | 263.9     | .23        | 4.8       | 255.3     | .20        | 5.0       |
| 05:05 | 269.9     | -.21       | 4.4       | 267.9     | .20        | 4.8       | 263.3     | .22        | 4.8       |
| 05:10 | 273.5     | -.25       | 3.8       | 269.0     | .16        | 3.9       | 267.5     | .27        | 4.3       |
| 05:15 | 266.7     | -.03       | 3.6       | 261.0     | .21        | 3.8       | 252.9     | .42        | 4.2       |
| 05:20 | 265.6     | -.09       | 2.9       | 258.6     | .21        | 3.3       | 239.3     | .28        | 3.4       |
| 05:25 | 262.5     | .17        | 3.0       | 247.5     | .35        | 3.5       | 235.7     | .36        | 3.6       |
| 05:30 | 251.2     | .35        | 3.4       | 244.8     | .44        | 3.7       | 238.8     | .43        | 3.9       |
| 05:35 | 255.1     | .36        | 3.7       | 252.8     | .39        | 3.9       | 246.0     | .51        | 4.0       |
| 05:40 | 258.9     | .18        | 3.7       | 258.1     | .30        | 4.0       | 252.0     | .39        | 4.3       |
| 05:45 | 262.3     | .18        | 2.8       | 253.7     | .20        |           |           | .09        |           |
| 05:50 | 264.9     | .16        | 2.9       | 253.5     | .32        |           |           | .20        |           |
| 05:55 | 268.5     | .22        | 2.9       | 254.5     | .44        |           |           |            |           |
| 06:00 | 266.6     | .31        |           |           |            |           |           |            |           |
| 06:05 | 257.7     | .34        |           |           | .22        |           |           | .40        |           |
| 06:10 | 248.4     | .18        |           |           | .22        |           |           | .08        |           |
| 06:15 |           | .07        |           |           | .14        |           |           | .15        |           |
| 06:20 |           | -.02       |           |           |            |           |           |            |           |
| 06:25 |           |            |           |           | -.05       |           |           | -.42       |           |
| 06:30 | 260.0     | .03        | 2.8       | 254.6     | .03        | 3.5       | 250.3     | .06        |           |
| 06:35 | 256.6     | .02        | 3.0       | 249.9     | .05        | 3.3       | 247.5     | .11        | 3.2       |
| 06:40 | 245.5     | -.15       | 3.0       | 244.4     | .11        | 3.0       | 242.2     | .28        | 3.1       |
| 06:45 | 243.7     | .02        | 2.7       | 240.8     | .26        | 2.7       | 238.0     | .55        |           |
| 06:50 | 237.9     | .05        | 2.9       | 236.3     | .16        | 2.9       | 236.7     | .35        |           |
| 06:55 | 237.3     | .14        | 3.0       | 236.1     | .24        | 3.1       | 234.2     | .30        |           |
| 07:00 | 234.1     | .16        | 3.3       | 230.8     | .23        | 3.8       | 229.0     | .16        |           |
| 07:05 | 237.8     | .04        | 3.1       | 236.7     | .06        | 3.6       | 235.3     | .03        |           |
| 07:10 | 231.9     | .22        | 3.2       | 230.3     | .25        |           |           |            |           |
| 07:15 | 225.2     | .28        | 3.3       | 224.3     | .28        | 4.1       | 225.4     | .22        | 4.8       |
| 07:20 | 223.8     | .14        | 3.6       | 225.2     | .10        | 4.4       | 229.7     | .09        | 4.9       |
| 07:25 | 222.5     | .17        | 3.3       | 226.0     | .09        | 4.0       | 229.4     | .09        |           |
| 07:30 | 220.7     | .19        | 3.3       | 225.7     | .13        |           |           | .37        |           |
| 07:35 | 230.2     | .17        | 4.1       | 229.3     | .15        |           |           | .22        |           |
| 07:40 | 220.0     | .07        | 4.1       | 221.1     | .04        | 4.5       | 222.1     | .15        | 4.8       |
| 07:45 | 221.7     | .11        | 3.9       | 223.1     | .19        | 4.3       | 225.3     | .20        | 4.8       |
| 07:50 | 232.1     | .03        | 4.6       | 232.6     | .20        | 5.1       | 233.6     | .18        | 5.4       |
| 07:55 | 225.0     | .04        | 4.1       | 228.2     | .04        | 4.6       | 229.2     | .03        | 5.0       |
| 08:00 | 215.5     | .12        | 4.0       | 220.8     | .06        | 4.5       | 222.5     | .04        | 4.8       |
| 08:05 | 209.7     | .10        | 3.7       | 212.3     | .07        | 4.2       | 217.7     | .11        | 4.9       |
| 08:10 | 217.3     | .13        | 3.8       | 223.0     | .09        | 4.3       | 227.0     | .09        | 4.9       |
| 08:15 | 215.9     | .05        | 3.8       | 220.6     | .09        | 4.1       | 225.0     | .12        | 4.4       |
| 08:20 | 225.9     | .02        | 3.9       | 228.4     | .14        | 4.1       | 231.2     | .15        | 4.2       |
| 08:25 | 224.7     | .01        | 3.9       | 229.0     | .08        | 4.1       | 231.4     | .13        | 4.3       |
| 08:30 | 223.6     | .20        | 4.0       | 227.9     | .20        | 4.3       | 232.2     | .22        | 4.5       |
| 08:35 | 222.8     | .14        | 4.1       | 226.3     | .20        | 4.4       | 229.6     | .20        | 4.7       |
| 08:40 | 222.4     | .15        | 3.9       | 226.6     | .18        | 4.1       | 230.4     | .28        | 4.3       |
| 08:45 | 221.2     | .21        | 3.7       | 225.4     | .25        | 4.1       | 230.0     | .41        |           |
| 08:50 | 220.9     | .30        | 4.2       | 231.4     | .39        |           |           | .67        |           |









## Daily Summary Report

Site: Lidar "Q" (PAM35)

8/10/2022

Interval: 005m

|       | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | DEG       | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 00:00 |           |           |           |           |           |           |           |
| 00:05 | 219.1     | 5.1       | 217.5     |           |           |           |           |
| 00:10 | 218.5     |           |           |           |           |           |           |
| 00:15 | 219.7     | 4.6       | 221.3     | 4.7       | 220.6     |           |           |
| 00:20 | 219.9     | 4.2       | 219.8     | 3.9       | 212.6     |           |           |
| 00:25 | 221.0     | 4.6       | 218.1     | 5.0       | 217.8     |           |           |
| 00:30 | 218.7     | 4.4       | 217.1     | 4.6       | 216.1     |           |           |
| 00:35 | 218.1     | 4.3       | 220.1     | 3.7       | 203.9     |           |           |
| 00:40 | 218.6     | 4.5       | 220.8     | 4.5       | 221.3     |           |           |
| 00:45 | 218.4     | 4.1       | 222.2     | 4.1       | 231.6     |           |           |
| 00:50 | 215.0     | 4.1       | 218.1     | 4.4       | 229.6     |           |           |
| 00:55 | 209.3     | 4.2       | 212.5     |           |           |           |           |
| 01:00 | 217.5     | 4.8       | 226.3     |           |           |           |           |
| 01:05 |           |           |           |           |           |           |           |
| 01:10 |           |           |           |           |           |           |           |
| 01:15 |           |           |           |           |           |           |           |
| 01:20 |           |           |           |           |           |           |           |
| 01:25 |           |           |           |           |           |           |           |
| 01:30 |           |           |           |           |           |           |           |
| 01:35 |           |           |           |           |           |           |           |
| 01:40 |           |           |           |           |           |           |           |
| 01:45 | 225.6     | 3.9       | 225.8     | 4.5       | 229.2     |           |           |
| 01:50 | 227.1     | 4.7       | 230.1     | 4.7       | 228.6     |           |           |
| 01:55 | 220.6     | 4.6       | 226.4     | 4.8       | 225.4     |           |           |
| 02:00 |           | 5.0       | 227.9     | 5.0       | 225.0     |           |           |
| 02:05 | 222.4     | 4.5       | 222.2     | 4.4       | 223.0     |           |           |
| 02:10 | 229.0     | 4.6       | 228.1     | 4.7       | 227.4     |           |           |
| 02:15 | 224.9     | 4.4       | 224.0     | 4.5       | 224.1     |           |           |
| 02:20 |           |           |           |           |           |           |           |
| 02:25 | 220.8     | 4.8       | 222.0     | 4.9       | 223.1     |           |           |
| 02:30 | 220.7     | 5.2       | 220.4     | 5.1       | 220.5     |           |           |
| 02:35 | 220.3     | 5.3       | 219.3     | 5.4       | 217.7     |           |           |
| 02:40 | 224.4     | 5.5       | 223.3     | 5.5       | 220.8     |           |           |
| 02:45 | 223.7     | 5.7       | 223.4     | 5.7       | 220.7     |           |           |
| 02:50 | 228.7     | 6.1       | 225.2     | 6.1       | 226.0     |           |           |
| 02:55 | 231.3     | 6.0       | 229.2     | 5.9       | 226.1     |           |           |
| 03:00 | 224.1     | 5.9       | 221.9     | 5.9       | 218.7     |           |           |
| 03:05 | 228.1     | 6.4       | 227.4     | 6.3       | 224.9     |           |           |
| 03:10 | 222.2     |           |           |           |           |           |           |
| 03:15 | 224.7     | 6.9       | 223.2     | 6.8       | 220.4     |           |           |
| 03:20 | 223.3     | 7.0       | 220.8     | 7.1       | 218.9     |           |           |
| 03:25 | 226.5     | 6.6       | 223.7     | 6.8       | 220.4     |           |           |
| 03:30 | 224.5     | 6.4       | 222.0     | 6.6       | 220.8     |           |           |
| 03:35 | 229.4     | 6.5       | 228.3     | 6.9       | 228.0     |           |           |
| 03:40 | 231.8     | 6.9       | 230.1     | 7.4       | 229.5     |           |           |
| 03:45 | 230.3     | 6.8       | 228.8     | 7.3       | 228.2     |           |           |
| 03:50 | 226.8     | 7.0       | 227.3     | 7.1       | 227.0     |           |           |
| 03:55 | 230.4     | 6.8       | 230.5     | 6.7       | 229.3     |           |           |
| 04:00 | 236.4     | 6.7       | 235.6     | 6.7       | 234.1     |           |           |
| 04:05 | 237.9     | 6.9       | 235.7     | 6.8       | 234.3     |           |           |
| 04:10 | 241.4     | 6.1       | 239.9     | 6.8       | 236.1     |           |           |

|       | 49_WD320m | 50_WS340m | 51_WD340m | 52_WS360m | 53_WD360m | 54_WS380m | 55_WD380m |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time  | DEG       | M/SEC     | DEG       | M/SEC     | DEG       | M/SEC     | DEG       |
| 04:15 | 241.0     | 6.5       | 237.6     | 6.9       | 234.7     |           |           |
| 04:20 | 239.8     | 6.6       | 238.1     | 6.8       | 236.0     |           |           |
| 04:25 | 238.9     | 6.4       | 237.8     | 6.2       | 236.2     |           |           |
| 04:30 | 241.9     | 5.4       | 240.0     | 5.3       | 237.2     |           |           |
| 04:35 | 246.7     | 5.3       | 241.4     | 5.2       | 238.9     |           |           |
| 04:40 | 243.0     | 4.8       | 237.0     | 4.7       | 236.9     |           |           |
| 04:45 | 253.0     | 5.5       | 245.6     | 5.5       | 238.4     |           |           |
| 04:50 | 262.4     | 5.0       | 251.8     | 5.2       | 241.9     |           |           |
| 04:55 | 254.4     | 4.9       | 247.5     | 4.7       | 240.3     |           |           |
| 05:00 | 244.2     | 4.9       | 239.6     | 5.1       | 235.5     |           |           |
| 05:05 | 248.4     | 4.8       | 243.7     | 5.2       | 238.4     |           |           |
| 05:10 | 256.5     |           |           |           |           |           |           |
| 05:15 | 244.8     | 4.8       | 241.9     | 5.3       | 240.6     |           |           |
| 05:20 | 237.3     | 4.1       | 239.9     | 4.7       | 236.3     |           |           |
| 05:25 | 232.8     | 4.0       | 234.8     | 5.2       | 229.3     |           |           |
| 05:30 | 237.2     | 4.6       | 235.2     |           |           |           |           |
| 05:35 | 237.7     | 4.8       | 239.7     |           |           |           |           |
| 05:40 | 244.6     |           |           |           |           |           |           |
| 05:45 |           |           |           |           |           |           |           |
| 05:50 |           |           |           |           |           |           |           |
| 05:55 |           |           |           |           |           |           |           |
| 06:00 |           |           |           |           |           |           |           |
| 06:05 |           |           |           |           |           |           |           |
| 06:10 |           |           |           |           |           |           |           |
| 06:15 |           |           |           |           |           |           |           |
| 06:20 |           |           |           |           |           |           |           |
| 06:25 |           |           |           |           |           |           |           |
| 06:30 |           |           |           |           |           |           |           |
| 06:35 | 243.9     |           |           |           |           |           |           |
| 06:40 | 240.3     |           |           |           |           |           |           |
| 06:45 |           |           |           |           |           |           |           |
| 06:50 |           |           |           |           |           |           |           |
| 06:55 |           |           |           |           |           |           |           |
| 07:00 |           |           |           |           |           |           |           |
| 07:05 |           |           |           |           |           |           |           |
| 07:10 |           |           |           |           |           |           |           |
| 07:15 | 228.4     |           |           |           |           |           |           |
| 07:20 | 231.0     | 5.3       | 230.8     |           |           |           |           |
| 07:25 |           |           |           |           |           |           |           |
| 07:30 |           |           |           |           |           |           |           |
| 07:35 |           |           |           |           |           |           |           |
| 07:40 | 224.5     | 4.7       | 225.7     |           |           |           |           |
| 07:45 | 228.5     | 5.3       | 232.2     | 5.6       | 233.7     |           |           |
| 07:50 | 233.5     | 5.8       | 233.7     | 5.8       | 233.0     |           |           |
| 07:55 | 229.2     | 5.4       | 228.9     | 5.7       | 225.3     |           |           |
| 08:00 | 226.0     | 5.3       | 225.8     | 5.6       | 224.6     |           |           |
| 08:05 | 221.0     | 5.8       | 226.0     | 5.9       | 226.1     |           |           |
| 08:10 | 228.7     | 5.3       | 230.6     | 5.7       | 230.2     |           |           |
| 08:15 | 227.9     | 4.8       | 230.3     |           |           |           |           |
| 08:20 | 233.2     | 4.6       | 234.2     | 4.8       | 235.6     |           |           |
| 08:25 | 233.0     | 4.6       | 234.3     | 5.0       | 235.1     |           |           |
| 08:30 | 233.9     | 4.8       | 234.9     | 4.7       | 236.4     |           |           |
| 08:35 | 231.7     |           |           |           |           |           |           |
| 08:40 | 228.7     |           |           |           |           |           |           |
| 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 | 215.0     |           |           |           |           |           |           |
| 09:30 | 221.1     | 5.1       | 220.8     | 5.7       | 219.0     |           |           |
| 09:35 | 220.8     | 4.6       | 219.8     | 4.8       | 221.8     |           |           |
| 09:40 | 220.2     | 4.5       | 219.7     | 4.3       | 220.4     |           |           |
| 09:45 | 220.8     |           |           |           |           |           |           |
| 09:50 | 211.1     |           |           |           |           |           |           |
| 09:55 | 209.0     |           |           |           |           |           |           |
| 10:00 |           |           |           |           |           |           |           |
| 10:05 |           |           |           |           |           |           |           |
| 10:10 |           |           |           |           |           |           |           |
| 10:15 |           |           |           |           |           |           |           |
| 10:20 |           |           |           |           |           |           |           |
| 10:25 | 230.0     | 3.6       | 229.0     | 3.4       | 229.3     |           |           |
| 10:30 | 226.2     | 3.6       | 226.8     | 3.8       | 228.8     |           |           |
| 10:35 | 225.0     | 3.0       | 228.0     | 2.9       | 229.6     |           |           |
| 10:40 | 226.3     | 2.3       | 221.7     | 2.2       | 209.5     |           |           |
| 10:45 |           |           |           |           |           |           |           |
| 10:50 | 224.3     | 2.0       | 223.5     | 2.1       | 218.6     |           |           |
| 10:55 | 225.5     | 2.1       | 222.5     | 2.3       | 224.4     |           |           |
| 11:00 | 227.2     | 1.9       | 226.2     | 1.9       | 224.1     |           |           |
| 11:05 | 226.9     | 1.6       | 222.3     | 2.0       | 212.6     |           |           |
| 11:10 | 215.5     | 3.1       | 214.1     | 3.1       | 213.5     |           |           |
| 11:15 | 219.7     | 2.6       | 216.5     | 2.7       | 215.0     |           |           |
| 11:20 | 222.6     | 2.5       | 221.3     | 2.6       | 219.2     |           |           |
| 11:25 | 232.8     | 2.2       | 229.7     | 2.1       | 229.3     |           |           |
| 11:30 | 238.3     | 2.2       | 229.0     | 2.4       | 223.5     |           |           |
| 11:35 | 231.2     | 2.4       | 227.4     | 2.8       | 222.1     |           |           |
| 11:40 | 236.9     | 2.3       | 232.7     | 2.4       | 229.8     |           |           |
| 11:45 | 236.9     | 2.3       | 234.3     | 2.4       | 232.2     |           |           |
| 11:50 | 206.3     | 1.5       | 201.6     | 1.8       | 201.9     |           |           |
| 11:55 | 225.8     | 2.3       | 217.7     | 2.6       | 211.8     |           |           |
| 12:00 | 205.7     | 2.1       | 206.0     | 2.5       | 206.6     |           |           |
| 12:05 | 214.3     | 3.2       | 217.2     | 3.2       | 218.7     |           |           |
| 12:10 | 231.0     | 2.1       | 228.1     | 2.3       | 235.7     |           |           |
| 12:15 | 226.3     | 2.7       | 221.2     | 2.8       | 220.7     |           |           |
| 12:20 | 267.3     | 2.2       | 256.3     | 2.3       | 258.0     |           |           |
| 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>  | 228.9     | 4.6       | 227.8     | 4.7       | 226.3     |           |           |
| <b>Max</b>      | 267.3     | 7.0       | 256.3     | 7.4       | 258.0     |           |           |
| <b>Max Hour</b> | 12:20     | 03:50     | 12:20     | 03:40     | 12:20     |           |           |
| <b>Min</b>      | 205.7     | 1.5       | 201.6     | 1.8       | 201.9     |           |           |
| <b>Count</b>    | 105       | 93        | 93        | 85        | 85        | 0         | 0         |
| <b>Total</b>    |           |           |           |           |           |           |           |