

## Daily Summary Report

Site: Lidar "Q" (PAM35)

9/23/2021

Interval: 005m

	03_TempC_002m	04_BP_002m	05_RH_002m	06_WS040m	07_WD040m	08_VWS040m	09_WS060m	10_WD060m	11_VWS060m
Time	DEGC	INHG	PERCENT	M/SEC	DEG	M/SEC	M/SEC	DEG	MPH
00:00	13.3	989.00	80.0			-22	4.1	312.6	.06
00:05	13.3	989.00	80.0			.01	4.2	295.2	.11
00:10	13.2	989.00	81.0			.20	5.0	299.0	.19
00:15	13.2	989.00	81.0			.02	5.1	290.5	.19
00:20	13.2	989.00	81.0			.16			.30
00:25	13.2	989.00	81.0			.22	4.7	291.2	.25
00:30	13.2	989.00	81.0	3.1	292.5	.26	4.4	297.9	.29
00:35	13.2	989.00	81.0	3.6	297.9	1.10	4.5	301.3	1.12
00:40	13.2	989.00	82.0	3.9	296.8	.56	4.6	301.8	.55
00:45	13.2	989.00	82.0	3.8	297.5	.61	4.5	300.2	.64
00:50	13.0	989.00	84.0	3.2	292.9	.51	3.8	299.1	.49
00:55	13.0	989.00	84.0	2.8	298.8	.06	3.8	303.0	.11
01:00	12.9	989.00	85.0			-10			-25
01:05	12.9	989.00	85.0			-23			-22
01:10	12.9	989.00	84.0			.12			.28
01:15	12.9	989.00	84.0			.55			.03
01:20	13.0	989.00	83.0			-12			-12
01:25	13.0	989.00	83.0			.33			.28
01:30	12.9	989.00	82.0			-55			-25
01:35	12.9	989.00	82.0			.17			.16
01:40	13.0	989.00	81.0			.95			.19
01:45	13.0	989.00	81.0			.31	4.3	306.9	.15
01:50	13.0	989.00	81.0			.15			.01
01:55	13.0	989.00	81.0			.22			.14
02:00	12.8	989.00	81.0			.11			.12
02:05									
02:10	12.6	989.00	82.0			-09			.02
02:15	12.6	989.00	82.0			.04			.05
02:20	12.6	989.00	83.0			.09			.08
02:25	12.6	989.00	83.0			.29			.13
02:30	12.6	989.00	82.0	2.7	303.7	.34	3.8	304.0	.31
02:35	12.6	989.00	82.0	2.3	318.8	-22	3.6	305.0	-19
02:40	12.6	989.00	83.0			.35			.11
02:45	12.6	989.00	83.0			.10			.13
02:50	12.5	989.00	83.0			.27			.23
02:55	12.5	989.00	83.0			.01			-.02
03:00	12.3	989.00	84.0			-02			-.08
03:05	12.3	989.00	84.0			.27			.17
03:10	12.3	989.00	84.0			.00			.07
03:15	12.3	989.00	84.0			.15			.14
03:20	12.2	989.00	84.0			.16	3.4	302.9	.11
03:25	12.2	989.00	84.0	5.1	309.0	.02	6.5	309.3	.25
03:30	12.3	989.00	84.0	4.8	302.5	.05	4.6	311.9	.00
03:35	12.3	989.00	84.0	2.5	332.4	.20	4.0	320.8	.16
03:40	12.4	988.00	82.0	4.6	318.4	.34	3.9	318.2	.05
03:45	12.4	988.00	82.0			-08	3.7	327.8	.00
03:50	12.4	988.00	83.0			-10	2.4	325.8	-.26
03:55	12.4	988.00	83.0			-20	2.3	312.8	-.27
04:00	12.4	988.00	82.0			.15			.11
04:05	12.4	988.00	82.0			.04			.01
04:10	12.5	988.00	83.0			.13			.08

	03_TempC_002m	04_BP_002m	05_RH_002m	06_WS040m	07_WD040m	08_VWS040m	09_WS060m	10_WD060m	11_VWS060m
Time	DEGC	INHG	PERCENT	M/SEC	DEG	M/SEC	M/SEC	DEG	MPH
04:15	12.5	988.00	83.0			.03			.08
04:20									
04:25	12.5	988.00	83.0			-.07	2.9	301.0	-.04
04:30	12.3	988.00	84.0			.11	3.2	301.7	.01
04:35	12.3	988.00	84.0	2.3	298.0	.00	2.8	309.2	.01
04:40	12.1	988.00	84.0	1.4	297.1	.04	2.9	297.6	-.06
04:45	12.1	988.00	84.0			-.03	3.8	300.0	.00
04:50	11.8	988.00	85.0			.06	3.5	298.0	.02
04:55	11.8	988.00	85.0			-.02	2.4	306.6	.02
05:00	11.6	988.00	87.0	.9	321.8	-.20	3.0	296.2	-.11
05:05	11.6	988.00	87.0			-.07	2.1	277.4	-.09
05:10	11.2	988.00	89.0	1.8	197.2	-.09	1.4	235.4	-.09
05:15	11.2	988.00	89.0	1.6	153.6	-.01	1.5	160.2	-.08
05:20	11.0	988.00	90.0	1.8	143.4	-.12	1.6	148.5	-.11
05:25	11.0	988.00	90.0	1.9	157.6	-.14	2.1	166.5	-.03
05:30	10.9	988.00	92.0	.9	184.5	.25	1.4	177.5	.28
05:35	10.9	988.00	92.0	1.2	159.2	-.01	1.5	176.9	-.04
05:40	10.8	988.00	92.0	1.3	160.9	-.02	1.1	159.3	.06
05:45	10.8	988.00	92.0	1.0	217.7	.12	1.0	229.1	.10
05:50	10.8	988.00	93.0	1.6	231.7	.04	1.6	255.5	.10
05:55	10.8	988.00	93.0	.8	207.1	-.09	1.1	260.6	-.21
06:00	10.7	989.00	93.0	1.3	242.2	-.17	1.8	268.9	-.20
06:05	10.7	989.00	93.0	1.1	210.4	.17	1.6	260.8	.06
06:10	10.6	989.00	94.0	.9	238.9	.10	1.6	271.4	.11
06:15	10.6	989.00	94.0	1.0	273.3	-.01	1.8	287.4	-.16
06:20	10.5	989.00	94.0	.7	292.2	-.06	1.8	290.2	-.19
06:25	10.5	989.00	94.0	1.3	191.9	.15	1.3	245.4	.10
06:30	10.4	989.00	94.0	2.0	169.4	.10	1.5	195.3	.13
06:35									
06:40	10.3	989.00	94.0	1.2	172.2	.04	.9	220.3	.03
06:45	10.3	989.00	94.0	1.0	172.9	-.05	1.0	262.1	.12
06:50	10.2	989.00	94.0	.8	202.4	.05	1.3	267.8	.06
06:55	10.2	989.00	94.0	1.1	212.0	.13	1.6	264.2	.03
07:00	10.1	989.00	94.0	.7	211.5	.05	1.4	265.4	-.04
07:05	10.1	989.00	94.0	.4	279.4	.04	1.5	295.4	-.03
07:10	10.0	989.00	94.0	.9	332.3	-.15	1.9	304.6	-.18
07:15	10.0	989.00	94.0	1.2	349.4	-.11	2.1	312.4	-.13
07:20	9.9	989.00	95.0	1.3	323.8	-.03	2.3	303.6	-.09
07:25	9.9	989.00	95.0	1.2	323.7	-.23	2.2	303.5	-.26
07:30	9.8	989.00	95.0	1.1	340.0	-.18	1.8	318.2	-.09
07:35	9.8	989.00	95.0	.8	333.4	-.18	1.6	316.8	-.22
07:40	9.8	989.00	95.0	.6	23.2	-.05	1.0	319.7	-.10
07:45	9.8	989.00	95.0	.5	29.2	-.06	1.0	346.2	-.07
07:50	9.7	989.00	95.0	.6	38.4	-.10	1.0	3.1	.05
07:55	9.7	989.00	95.0	.7	48.2	-.01	.7	359.0	.04
08:00	9.7	989.00	95.0	.7	78.7	-.14	.6	58.3	-.23
08:05	9.7	989.00	95.0	1.0	138.0	-.05	.7	131.9	-.05
08:10	9.7	989.00	95.0	1.3	142.3	.03	1.1	149.7	.06
08:15	9.7	989.00	95.0	1.5	147.1	-.04	1.0	153.9	-.03
08:20	9.8	990.00	95.0	1.3	159.5	-.11	1.2	176.8	-.11
08:25	9.8	990.00	95.0	1.4	155.0	-.20	1.4	156.4	-.22
08:30	10.2	990.00	94.0	1.9	154.9	-.17	2.0	164.8	-.12
08:35	10.2	990.00	94.0	2.0	161.0	-.04	1.6	172.2	-.04
08:40	10.6	990.00	94.0	1.6	169.1	.06	1.4	195.4	.00
08:45	10.6	990.00	94.0	1.3	182.4	-.04	1.2	207.8	-.05
08:50	10.9	990.00	92.0	1.3	182.2	.01	1.3	208.6	-.02

	03_TempC_002m	04_BP_002m	05_RH_002m	06_WS040m	07_WD040m	08_VWS040m	09_WS060m	10_WD060m	11_VWS060m
Time	DEGC	INHG	PERCENT	M/SEC	DEG	M/SEC	M/SEC	DEG	MPH
08:55	10.9	990.00	92.0	1.4	179.3	.04	1.2	206.1	-.05
09:00	11.5	990.00	90.0	1.2	187.1	.28	1.2	205.7	.14
09:05	11.5	990.00	90.0	1.3	185.6	-.37	1.4	192.1	-.33
09:10	11.9	990.00	87.0	.9	177.3	.05	1.1	210.2	.05
09:15	11.9	990.00	87.0	1.1	150.6	-.26	1.2	173.8	-.45
09:20	12.2	990.00	88.0	1.0	130.8	-.39	1.2	149.5	-.34
09:25	12.2	990.00	88.0	1.3	166.5	-.39	1.7	175.9	-.40
09:30	12.6	990.00	85.0	1.4	182.4	-.47	1.6	191.6	-.51
09:35	12.6	990.00	85.0	1.5	212.4	-.04	1.5	221.6	.03
09:40	13.0	990.00	81.0	1.1	221.5	.27	1.1	238.8	.14
09:45	13.0	990.00	81.0	1.6	228.5	.02	1.7	235.4	.06
09:50	13.4	990.00	79.0	1.6	281.5	.19	1.8	283.5	.33
09:55	13.4	990.00	79.0	.9	314.1	-.40	1.0	311.1	-.57
10:00	14.4	991.00	75.0	2.0	269.9	-.01	2.2	276.8	-.07
10:05	14.4	991.00	75.0	1.7	337.4	-.04	1.8	320.6	-.14
10:10	14.9	991.00	71.0	1.8	314.2	-.05	2.1	315.7	-.03
10:15	14.9	991.00	71.0	1.7	306.0	.20	1.6	304.6	.22
10:20	14.6	991.00	69.0	.6	299.9	.19	.7	310.9	.22
10:25	14.6	991.00	69.0	.8	291.9	.04	.7	295.5	.04
10:30	15.6	991.00	65.0	2.0	245.9	.16	2.5	254.5	.14
10:35	15.6	991.00	65.0	2.4	267.5	.03	3.1	271.6	.05
10:40	15.9	990.00	68.0	3.0	275.1	.20	3.7	279.9	.16
10:45	15.9	990.00	68.0	2.2	277.5	.23	2.9	283.7	.17
10:50	14.9	990.00	69.0	2.4	277.7	.13	3.0	282.0	.06
10:55	14.9	990.00	69.0	2.7	267.9	-.07	3.5	270.9	-.18
11:00	14.9	991.00	71.0	3.0	273.7	.09	3.5	276.4	.07
11:05	14.9	991.00	71.0	2.9	273.5	.06	3.7	276.9	.12
11:10	14.9	991.00	70.0	2.9	275.3	.15	3.2	281.6	.03
11:15	14.9	991.00	70.0	2.4	265.2	-.07	2.9	268.6	-.12
11:20	15.8	991.00	67.0	3.4	275.4	-.18	3.7	281.8	-.09
11:25	15.8	991.00	67.0	1.8	300.8	-.25	2.2	315.8	-.33
11:30	16.3	991.00	63.0	3.1	270.8	.02	3.3	269.4	-.14
11:35	16.3	991.00	63.0	3.5	262.6	-.09	4.2	267.9	-.21
11:40	16.6	991.00	63.0	3.6	256.1	.11	4.0	259.2	.05
11:45	16.6	991.00	63.0	2.9	269.5	.19	3.2	272.1	.16
11:50	16.5	991.00	62.0	2.5	293.3	-.09	2.8	303.0	-.14
11:55	16.5	991.00	62.0	2.0	309.7	-.15	2.6	316.1	-.27
12:00	17.4	991.00	59.0	3.1	338.3	.30	3.4	332.6	.48
12:05	17.4	991.00	59.0	1.7	3.7	.25	1.9	355.8	.31
12:10	17.6	991.00	57.0	1.5	230.7	-.89	1.3	230.2	-1.05
12:15	17.6	991.00	57.0	1.7	301.4	-.49	2.2	296.3	-.56
12:20	17.5	990.00	58.0	3.0	316.1	-.05	3.0	331.1	-.12
12:25	17.5	990.00	58.0	2.2	339.4	-.01	2.9	329.4	.07
12:30	18.0	991.00	53.0	2.8	284.6	.17	3.5	284.6	.11
12:35	18.0	991.00	53.0	2.1	322.9	.24	2.2	321.0	.40
12:40	18.0	991.00	54.0	2.3	273.1	-.15	2.5	277.4	-.28
12:45	18.0	991.00	54.0	3.1	290.5	.12	3.6	287.9	.02
12:50	18.2	990.00	54.0	2.8	332.9	-.07	3.1	345.5	-.06
12:55	18.2	990.00	54.0	1.1	24.4	.27	1.3	76.4	.12
13:00	18.9	991.00	51.0	1.9	268.3	-.36	2.6	269.4	-.28
13:05	18.9	991.00	51.0	2.0	293.1	-.08	2.7	284.2	-.08
13:10	19.1	990.00	50.0	2.9	273.1	.11	2.9	277.7	.19
13:15	19.1	990.00	50.0	2.5	305.8	.23	2.6	307.7	.27
13:20	19.1	990.00	50.0	3.1	271.9	.18	3.4	271.3	.08
13:25	19.1	990.00	50.0	1.9	255.9	.28	2.1	252.1	.25
13:30	19.2	990.00	50.0	2.3	239.0	.07	2.7	238.3	.21

	03_TempC_002m	04_BP_002m	05_RH_002m	06_WS040m	07_WD040m	08_VWS040m	09_WS060m	10_WD060m	11_VWS060m
Time	DEGC	INHG	PERCENT	M/SEC	DEG	M/SEC	M/SEC	DEG	MPH
13:35	19.2	990.00	50.0	1.8	258.9	-.29	1.9	264.3	-.51
13:40	19.6	990.00	48.0	2.3	314.6	.30	2.9	310.9	.31
13:45	19.6	990.00	48.0	2.5	321.5	.13	2.6	309.4	.13
13:50	19.6	990.00	49.0	2.8	252.7	.26	3.5	259.5	.40
13:55	19.6	990.00	49.0	3.2	259.8	.65	3.5	262.0	.78
14:00	19.7	990.00	47.0	3.0	279.7	.04	3.4	280.9	-.05
14:05	19.7	990.00	47.0	2.6	258.5	-.35	3.2	261.7	-.28
14:10	19.9	990.00	49.0	2.3	320.3	-.01	2.4	308.3	.03
14:15	19.9	990.00	49.0	1.9	354.5	-.41	2.4	338.1	-.58
14:20	20.7	990.00	44.0	2.8	317.3	.21	3.0	318.9	.10
14:25	20.7	990.00	44.0	2.1	267.3	.03	2.5	271.9	.30
14:30	20.8	990.00	41.0	1.3	165.3	-.27	1.0	205.6	-.37
14:35	20.8	990.00	41.0	3.4	265.3	.28	3.8	262.0	.19
14:40	20.9	990.00	42.0	3.1	250.6	.50	3.6	253.1	.65
14:45	20.9	990.00	42.0	2.7	219.0	.43	2.8	230.3	.52
14:50	21.2	989.00	43.0	2.8	235.1	-.34	3.3	234.9	-.40
14:55	21.2	989.00	43.0	2.6	262.1	.07	3.2	266.6	.04
15:00	20.7	988.00	42.0	2.2	308.1	-.23	2.4	310.7	-.50
15:05	20.7	988.00	42.0	2.8	302.8	-.17	3.4	282.4	-.38
15:10	20.9	989.00	43.0	2.2	270.2	-.57	3.5	252.9	-.74
15:15	20.9	989.00	43.0	2.9	268.1	.13	3.9	263.2	.23
15:20	21.4	989.00	40.0	2.7	287.6	.50	3.6	282.6	.63
15:25	21.4	989.00	40.0	1.4	245.4	-.06	1.8	247.7	-.14
15:30	21.2	989.00	38.0	2.2	273.1	.05	2.5	263.4	-.03
15:35	21.2	989.00	38.0	1.6	256.7	.14	1.6	249.1	.14
15:40	21.1	989.00	39.0	1.7	163.9	.54	1.1	178.1	.61
15:45	21.1	989.00	39.0	1.0	16.2	-.27	1.2	352.4	-.21
15:50	21.4	989.00	39.0	1.3	3.1	-.08	1.9	332.3	-.13
15:55	21.4	989.00	39.0	1.6	284.3	-.35	2.3	257.1	-.59
16:00	21.6	988.00	41.0	1.1	319.5	-.26	1.4	297.2	-.59
16:05	21.6	988.00	41.0	1.6	239.3	-.13	1.5	248.5	-.28
16:10	21.5	989.00	37.0	1.7	279.5	-.27	2.6	279.9	-.42
16:15	21.5	989.00	37.0	1.1	236.4	-.74	1.6	245.5	-.87
16:20	21.4	989.00	38.0			.37	4.9	293.1	.40
16:25	21.4	989.00	38.0			.12	2.8	291.8	.16
16:30	21.5	988.00	37.0	3.1	326.4	-.36	3.2	314.7	-.27
16:35	21.5	988.00	37.0	3.6	303.1	.11	3.9	302.5	.01
16:40	21.1	987.00	37.0			.52	3.2	310.7	.44
16:45	21.1	987.00	37.0			-.10	2.9	312.8	-.08
16:50	20.7	986.00	41.0	2.4	356.8	.05			-.05
16:55	20.7	986.00	41.0			-.25	3.3	5.3	.15
17:00	20.8	988.00	40.0			.42	2.0	336.3	.46
17:05	20.8	988.00	40.0			-.31	1.6	359.7	-.21
17:10	20.6	988.00	39.0			-.05	2.7	292.8	-.11
17:15	20.6	988.00	39.0	2.7	274.7	.05	3.1	272.0	.08
17:20	20.4	988.00	43.0			-.58	3.0	294.8	-.27
17:25	20.4	988.00	43.0			.85			.50
17:30	20.2	988.00	38.0			.21	3.6	316.4	.18
17:35	20.2	988.00	38.0			.31			.27
17:40	20.3	988.00	39.0			.04			.10
17:45	20.3	988.00	39.0			-.29	3.0	331.0	-.11
17:50	20.8	990.00	40.0			.11	3.3	313.7	.01
17:55	20.8	990.00	40.0	.9	343.5	.42	2.2	319.7	.30
18:00	20.5	987.00	41.0			-.32	2.8	303.2	-.23
18:05	20.5	987.00	41.0			.16			.01
18:10	19.8	987.00	43.0			.22			.11

	03_TempC_002m	04_BP_002m	05_RH_002m	06_WS040m	07_WD040m	08_VWS040m	09_WS060m	10_WD060m	11_VWS060m
Time	DEGC	INHG	PERCENT	M/SEC	DEG	M/SEC	M/SEC	DEG	MPH
18:15	19.8	987.00	43.0			.01			.10
18:20	19.6	988.00	44.0			.12	3.0	316.3	.07
18:25	19.6	988.00	44.0			.23	2.9	314.9	.11
18:30	19.3	989.00	46.0			.13			.14
18:35	19.3	989.00	46.0	1.3	309.2	-.08	2.6	310.2	-.01
18:40	19.1	989.00	49.0			.01	2.7	327.0	.05
18:45	19.1	989.00	49.0			-.10	2.6	325.0	-.03
18:50	18.8	989.00	50.0	2.3	325.0	.11	2.3	322.6	.09
18:55	18.8	989.00	50.0			.11	2.5	325.7	.05
19:00	18.2	989.00	58.0			-.04	2.2	319.1	-.03
19:05	18.2	989.00	58.0			.00	2.4	312.6	-.02
19:10	17.5	989.00	61.0			-.07			-.03
19:15	17.5	989.00	61.0			-.04			-.04
19:20	16.8	989.00	67.0			-.02	2.3	324.0	-.07
19:25	16.8	989.00	67.0			-.17	2.7	319.1	-.25
19:30	16.2	989.00	74.0			-.08	2.9	316.8	-.17
19:35	16.2	989.00	74.0			-.17	2.6	311.3	-.24
19:40	15.7	989.00	78.0			.01	2.2	306.2	-.06
19:45	15.7	989.00	78.0			-.06			-.16
19:50	15.0	989.00	81.0	.6	241.2	.10	.9	274.3	.07
19:55	15.0	989.00	81.0	.6	215.2	-.03	1.0	287.8	-.11
20:00	14.4	989.00	84.0	.6	66.8	.18	.7	330.8	.04
20:05	14.4	989.00	84.0			.14	.7	326.2	.10
20:10	14.0	989.00	83.0	.6	67.8	-.03	1.0	316.8	.00
20:15	14.0	989.00	83.0			-.06	1.4	311.7	-.02
20:20	13.6	989.00	85.0			-.07	1.1	311.8	-.17
20:25	13.6	989.00	85.0	1.0	306.1	.01	1.3	318.1	-.05
20:30	13.3	989.00	86.0	.6	299.8	-.05	1.5	318.4	-.08
20:35	13.3	989.00	86.0	.7	347.1	.09	1.1	332.5	-.02
20:40	13.0	990.00	87.0	.5	336.8	-.06	1.0	332.2	-.08
20:45	13.0	990.00	87.0	.6	332.1	.00	1.0	338.2	.04
20:50	12.8	990.00	88.0	.6	351.2	.02	1.0	352.8	-.07
20:55	12.8	990.00	88.0	.6	337.2	.00	1.2	351.5	.05
21:00	12.6	990.00	90.0	.6	15.5	.04	1.2	21.5	.05
21:05	12.6	990.00	90.0	.5	341.9	.01	1.0	19.0	.03
21:10	12.4	990.00	91.0	.6	23.5	.06	1.4	14.1	.10
21:15	12.4	990.00	91.0	.7	23.5	.01	1.6	23.3	-.12
21:20	12.3	990.00	92.0	.7	21.3	-.09	1.8	32.7	-.16
21:25	12.3	990.00	92.0	.6	34.5	.04	1.5	34.4	-.08
21:30	12.1	990.00	92.0	.7	37.2	-.20	1.7	41.6	-.15
21:35	12.1	990.00	92.0	.3	133.7	.15	1.2	35.9	-.01
21:40	12.0	990.00	93.0	.5	324.7	.03	1.4	25.3	.08
21:45	12.0	990.00	93.0	.4	270.4	-.03	1.2	19.3	-.03
21:50	11.8	991.00	93.0	.5	219.7	-.07	.8	5.7	-.03
21:55	11.8	991.00	93.0	.5	265.0	-.03	1.1	.2	-.03
22:00	11.6	991.00	93.0	.4	302.4	.02	1.2	6.4	.02
22:05	11.6	991.00	93.0	.4	216.0	-.05	.6	6.5	.01
22:10	11.4	991.00	93.0	.4	231.4	.01	.6	27.1	.00
22:15	11.4	991.00	93.0	.6	239.9	-.03	.6	17.9	.00
22:20	11.3	991.00	93.0	.6	311.1	.00	1.0	13.3	.13
22:25	11.3	991.00	93.0	.6	345.7	-.03	1.3	6.8	.05
22:30	11.2	991.00	94.0	.5	7.9	.05	1.2	10.2	.01
22:35	11.2	991.00	94.0	.3	235.7	.02	.8	1.3	.15
22:40	11.1	991.00	94.0	.4	291.5	-.06	.7	342.3	.05
22:45	11.1	991.00	94.0	.5	308.9	-.07	.7	325.3	.02
22:50	11.0	991.00	94.0	.6	295.6	-.08	.8	302.7	.00



## Daily Summary Report

Site: Lidar "Q" (PAM35)

9/23/2021

Interval: 005m

	12_WS080m	13_WD080m	14_VWS080m	15_WS100m	16_WD100m	17_WS120m	18_WD120m	19_WS140m	20_WD140m
Time	M/SEC	DEG	MPH	M/SEC	DEG	M/SEC	DEGC	M/SEC	DEGC
00:00	4.9	310.1	.05	5.3	310.4	5.7	308.2	6.0	306.8
00:05	5.0	297.5	.18	5.5	298.7	5.9	299.8	6.1	301.8
00:10	4.9	298.3	.14	5.3	301.2	5.7	304.1	6.1	305.1
00:15	5.3	297.1	.20	5.9	298.9	6.3	300.3	6.9	299.4
00:20	4.8	296.2	.33	5.5	297.1	6.0	297.9	6.2	298.5
00:25	5.2	297.1	.19	5.6	299.7	6.0	299.8	6.2	301.8
00:30	5.4	301.0	.33	5.8	303.1	6.2	306.1	6.6	309.7
00:35	5.3	305.2	1.09	5.9	307.5	6.3	309.1	6.4	310.4
00:40	5.1	303.0	.48	5.6	304.2	6.0	306.4	6.3	307.5
00:45	5.1	301.5	.63	5.6	303.5	6.0	305.2	6.2	307.1
00:50	4.6	302.1	.53	5.4	305.3	5.8	308.2	6.2	311.2
00:55	4.6	304.7	.08	5.4	310.1	6.2	312.6	6.6	313.0
01:00	5.6	310.5	-.12	5.5	310.3	5.9	309.7		
01:05			-.01			5.8	317.8		
01:10	5.0	317.1	.08	5.0	321.4	5.6	317.2		
01:15	4.9	308.7	-.01	5.2	310.7	6.3	313.8	5.2	314.3
01:20	4.1	316.2	.00	5.1	315.1	5.3	312.7		
01:25	4.2	311.6	.15	5.4	310.2	5.6	310.6	6.3	311.1
01:30			-.19	6.5	302.7	6.9	298.7		
01:35			.24	5.8	309.2	6.1	313.7		
01:40	6.0	305.0	.25	6.1	307.5	7.5	311.2		
01:45	6.0	308.6	.23	6.4	310.6	6.6	311.7	7.0	312.5
01:50			.32	6.4	310.0				
01:55			.11	5.7	310.8	6.2	307.9		
02:00			.04	6.2	310.2	6.6	310.4		
02:05									
02:10			.00	6.4	299.4	6.1	302.0		
02:15			.27	5.3	302.5	5.9	302.8	6.5	298.6
02:20			.02	5.1	304.3	6.4	303.9	8.4	306.4
02:25			.10	6.5	306.7	7.1	309.9		
02:30	4.8	302.4	.38	5.6	305.9	6.3	306.7	6.9	307.3
02:35	4.5	306.3	.05	5.7	308.6	6.4	308.7	6.9	309.2
02:40	5.0	313.0	.10	6.1	313.3	6.8	311.3	7.3	308.9
02:45	5.3	312.3	.08	5.8	310.3	6.5	310.8	6.8	311.5
02:50	4.7	307.7	.11	5.4	306.9	6.3	308.3	6.8	308.0
02:55	6.0	306.4	-.01	6.9	309.4	7.3	310.2	7.8	309.9
03:00	6.4	309.1	.01	6.6	310.7	7.4	309.1	7.7	311.7
03:05	6.0	307.1	.14	7.2	309.1	7.6	310.1	8.5	308.8
03:10	5.6	302.6	.02	7.0	304.2	8.1	306.1	8.5	309.7
03:15	6.5	303.2	.21	7.3	305.9	8.0	307.2	8.6	309.0
03:20	6.2	304.1	.15	7.4	303.4	8.4	306.1	8.9	307.2
03:25	7.3	313.6	.09	8.2	312.4	8.9	312.9	9.5	312.8
03:30	6.2	311.4	.14	7.3	311.4	8.3	313.3	9.3	315.7
03:35	4.9	322.9	.09	5.9	323.3	7.0	324.2	7.7	325.8
03:40	5.2	319.9	-.14	6.1	318.5	6.6	320.1	7.2	322.3
03:45	4.3	326.5	.06	5.0	320.6	5.6	321.4	6.1	321.3
03:50	3.3	328.7	-.14	4.1	326.3	5.0	323.4	5.6	324.2
03:55	3.9	318.3	-.20	5.1	319.6	5.7	320.7	6.0	320.5
04:00	3.8	316.7	.01	4.6	317.1	5.0	319.5	5.3	319.0
04:05	3.6	301.2	-.01	3.9	307.8	4.3	311.7	4.8	311.1
04:10	4.0	308.1	.08	4.5	310.2	4.9	312.9	4.9	315.7

	12_WS080m	13_WD080m	14_VWS080m	15_WS100m	16_WD100m	17_WS120m	18_WD120m	19_WS140m	20_WD140m
Time	M/SEC	DEG	MPH	M/SEC	DEG	M/SEC	DEGC	M/SEC	DEGC
04:15	4.3	309.2	.08	4.5	313.6	4.7	319.4	5.0	321.8
04:20									
04:25	3.2	308.2	-.05	3.4	312.6	3.6	317.2	4.0	322.3
04:30	4.2	303.3	-.03	4.7	305.5	5.0	307.3	5.0	308.2
04:35	3.5	308.8	-.08	4.6	309.5	5.4	310.1	5.7	312.0
04:40	3.9	299.6	-.12	4.9	302.7	5.6	303.9	5.9	306.7
04:45	5.0	302.3	-.06	5.6	305.4	6.2	306.8	6.2	307.5
04:50	4.7	302.2	.00	5.2	303.8	5.6	304.6	5.8	305.6
04:55	4.4	306.7	-.09	5.3	307.5	5.7	308.4	5.9	308.4
05:00	3.7	299.8	-.17	4.4	305.0	5.1	307.4	5.4	309.5
05:05	2.6	292.2	-.17	3.3	298.6	4.0	304.3	4.6	307.7
05:10	1.9	255.2	-.15	2.2	276.3	2.6	290.8	3.1	294.7
05:15	1.2	180.7	-.11	.9	215.0	1.1	260.7	1.8	279.4
05:20	1.3	147.9	-.05	1.2	165.0	1.1	200.9	1.4	238.2
05:25	1.5	155.2	-.11	1.3	149.0	1.1	152.5	.8	141.1
05:30	1.6	187.2	.14	1.2	193.1	1.1	203.6	1.0	229.3
05:35	1.4	199.5	.01	1.2	200.2	1.1	256.7	1.4	305.2
05:40	.8	140.5	.00	.9	82.3	1.1	4.6	1.3	334.9
05:45	.9	250.7	-.09	.9	283.4	1.2	291.0	1.7	299.3
05:50	2.0	276.8	.11	2.2	288.1	2.7	294.7	3.2	300.8
05:55	1.7	281.8	-.17	2.0	294.8	2.5	299.5	3.1	301.0
06:00	1.9	275.1	-.16	2.0	289.2	2.4	292.9	2.7	294.8
06:05	2.1	283.4	.07	2.5	291.4	2.9	292.0	3.3	294.7
06:10	2.2	280.6	.11	2.6	287.0	2.8	291.1	3.2	298.7
06:15	2.5	290.4	-.08	3.1	296.0	3.4	299.8	3.8	307.8
06:20	2.6	293.9	-.19	2.9	298.5	3.3	301.8	3.6	308.3
06:25	2.1	274.7	.05	2.7	287.1	3.3	290.7	3.7	295.5
06:30	1.7	249.4	.15	2.4	276.9	3.2	286.7	3.8	293.1
06:35									
06:40	1.6	271.2	-.03	2.6	284.5	3.3	290.4	3.9	296.3
06:45	1.8	280.5	.02	2.8	288.2	3.6	293.6	4.0	298.2
06:50	2.3	282.7	-.02	3.2	290.7	3.9	297.0	4.2	300.4
06:55	2.7	282.5	-.05	3.4	291.3	4.1	294.8	4.3	299.2
07:00	2.7	286.4	-.20	3.7	291.0	4.2	294.8	4.3	297.1
07:05	3.0	294.4	-.25	4.1	292.6	4.6	293.5	4.6	296.1
07:10	3.2	296.9	-.27	4.2	296.3	4.7	298.6	4.8	301.2
07:15	3.2	299.0	-.14	4.2	298.7	4.8	301.4	4.9	306.0
07:20	3.4	300.1	-.13	4.3	300.4	4.7	302.5	4.8	304.7
07:25	3.0	295.4	-.27	4.0	297.3	4.7	301.6	4.9	304.5
07:30	2.6	304.5	-.20	3.6	301.2	4.4	304.4	4.7	308.8
07:35	2.6	308.1	-.22	3.8	304.6	4.6	306.7	4.9	311.9
07:40	2.0	305.5	-.03	3.2	302.8	4.4	305.4	5.0	310.2
07:45	1.7	321.2	-.09	2.8	315.0	3.9	312.8	4.9	315.0
07:50	1.6	348.1	-.02	2.4	318.7	3.5	314.2	4.6	313.9
07:55	1.4	335.7	-.04	2.2	327.0	3.3	319.8	4.2	315.4
08:00	.9	356.9	-.13	1.9	336.8	3.0	326.9	3.9	321.8
08:05	.3	40.8	-.04	1.2	331.6	2.3	323.6	3.2	318.0
08:10	.5	184.2	.05	.9	278.1	1.7	304.3	2.5	313.4
08:15	.9	213.8	.11	.9	248.3	1.2	299.6	1.9	307.1
08:20	1.1	199.8	-.08	1.2	229.6	1.4	271.6	1.9	284.3
08:25	1.2	172.2	-.16	1.1	193.7	1.1	230.1	1.5	272.5
08:30	1.7	177.9	-.08	1.4	200.8	1.4	240.8	1.7	277.1
08:35	1.0	197.6	.10	1.2	246.4	1.7	275.7	2.4	287.6
08:40	1.2	219.5	-.08	1.2	238.4	1.5	263.2	1.9	285.4
08:45	1.2	237.2	-.03	1.3	264.9	1.7	281.7	2.1	292.8
08:50	1.3	236.0	-.12	1.4	261.7	1.5	285.6	2.1	294.1



	12_WS080m	13_WD080m	14_VWS080m	15_WS100m	16_WD100m	17_WS120m	18_WD120m	19_WS140m	20_WD140m
Time	M/SEC	DEG	MPH	M/SEC	DEG	M/SEC	DEGC	M/SEC	DEGC
08:55	1.3	241.0	-.05	1.7	264.3	1.9	274.1	2.1	286.1
09:00	1.4	223.8	.15	1.6	239.0	1.7	257.2	2.0	273.6
09:05	1.5	191.1	-20	1.0	202.5	.9	238.6	1.2	271.6
09:10	1.2	223.0	.00	1.1	227.3	.9	254.0	1.1	283.5
09:15	1.3	193.5	-.35	1.1	212.5	.9	252.1	1.2	294.1
09:20	1.2	159.3	-.18	1.0	173.9	.8	187.1	.7	233.3
09:25	1.8	179.4	-.35	1.5	185.7	1.1	194.0	.9	220.8
09:30	1.9	190.9	-.36	2.1	202.3	2.1	208.7	1.9	217.3
09:35	1.4	238.9	.09	1.5	258.6	1.7	275.1	1.8	284.1
09:40	1.3	248.6	.05	1.4	260.7	1.7	271.1	1.8	273.6
09:45	1.5	238.1	.25	1.5	258.5	1.7	270.5	1.9	277.7
09:50	1.7	285.8	.18	1.5	288.9	1.5	296.8	1.6	295.6
09:55	1.3	301.3	-1.01	1.6	303.2	1.7	298.1	1.8	298.7
10:00	2.4	283.6	-.07	2.5	282.6	2.3	283.8	2.1	287.9
10:05	2.3	322.4	-.25	2.4	332.5	2.5	332.1	2.7	330.6
10:10	2.1	318.4	-.03	2.1	319.6	2.1	321.5	2.3	320.6
10:15	1.2	308.3	.24	1.1	312.7	1.0	320.2	.9	314.3
10:20	.8	297.5	.28	.8	303.8	.9	302.3	1.1	301.6
10:25	.6	287.5	-.14	.6	272.9	.6	255.7	.6	238.9
10:30	2.7	258.0	-.01	2.8	264.8	2.8	269.4	2.6	270.9
10:35	3.6	278.8	-.05	4.0	281.9	4.1	284.9	4.1	286.8
10:40	3.8	282.1	.11	3.7	285.5	3.6	287.2	3.5	286.8
10:45	3.2	288.0	.14	3.3	291.9	3.2	292.3	3.3	290.0
10:50	3.7	282.9	-.03	3.9	284.1	3.7	283.7	3.6	284.2
10:55	3.8	272.6	-.24	4.2	274.9	4.4	277.9	4.3	279.0
11:00	3.8	278.8	-.13	4.3	282.1	4.6	286.8	4.8	288.5
11:05	4.0	280.4	.06	4.1	283.0	4.2	286.2	4.2	287.2
11:10	3.3	282.4	.01	3.3	285.0	3.3	285.7	3.2	287.6
11:15	3.3	270.9	-.12	3.3	273.4	3.6	273.4	4.1	271.5
11:20	3.6	286.5	-.20	3.6	291.8	3.7	298.2	3.6	303.1
11:25	2.8	321.6	-.30	3.1	318.0	3.4	316.0	3.6	314.6
11:30	3.3	271.7	-.06	3.5	271.2	3.5	266.2	3.5	262.9
11:35	4.1	276.3	-.33	4.1	281.1	4.2	283.8	4.2	281.9
11:40	4.1	263.7	-.08	3.9	269.1	3.9	277.3	4.0	282.1
11:45	3.1	275.0	.10	2.9	276.4	3.0	280.9	3.3	284.8
11:50	2.8	311.3	-.26	2.9	315.0	3.2	315.6	3.3	316.3
11:55	2.8	310.2	-.42	3.0	307.7	3.2	306.4	3.2	305.7
12:00	3.3	337.9	.66	3.5	339.4	3.7	338.4	3.5	334.8
12:05	1.7	1.4	.30	2.0	7.2	2.3	12.0	2.7	15.4
12:10	1.8	231.1	-1.18	2.1	241.9	2.5	244.6	2.8	244.7
12:15	2.5	297.4	-.63	2.8	297.8	3.0	295.8	3.0	301.1
12:20	3.1	338.3	-.26	2.9	341.5	2.9	336.3	2.9	329.3
12:25	3.2	329.0	.30	3.3	327.3	3.5	327.6	3.4	326.4
12:30	3.9	286.4	.13	4.2	292.6	4.3	294.6	4.2	296.1
12:35	2.3	320.5	.46	2.4	326.8	2.5	334.2	2.6	333.6
12:40	2.9	276.3	-.49	3.1	275.7	3.4	279.5	3.6	281.5
12:45	3.9	291.0	-.09	3.8	290.4	3.5	288.6	3.5	285.6
12:50	3.7	350.3	.05	3.7	351.2	3.5	351.0	3.4	348.3
12:55	1.4	65.5	-.04	1.3	48.2	1.5	2.9	1.9	6.2
13:00	2.9	272.6	-.27	3.2	273.5	3.5	274.0	3.8	276.0
13:05	3.2	287.7	-.04	3.4	292.6	3.7	294.7	3.8	298.6
13:10	3.2	281.2	.27	3.4	284.0	3.6	284.7	3.7	283.2
13:15	2.8	309.0	.24	3.1	311.7	2.9	308.3	2.7	293.4
13:20	3.6	275.4	.18	3.5	277.1	3.2	278.0	3.1	277.4
13:25	2.3	247.0	.55	2.4	250.2	2.4	249.7	2.5	252.5
13:30	2.9	238.6	.26	2.8	247.2	2.8	256.1	2.7	266.2

	12_WS080m	13_WD080m	14_VWS080m	15_WS100m	16_WD100m	17_WS120m	18_WD120m	19_WS140m	20_WD140m
Time	M/SEC	DEG	MPH	M/SEC	DEG	M/SEC	DEGC	M/SEC	DEGC
13:35	2.2	263.0	-.78	2.2	259.5	2.3	266.9	2.6	270.3
13:40	3.1	306.6	.47	3.1	302.2	3.3	300.7	3.5	302.3
13:45	2.6	310.7	.00	2.9	310.3	3.1	309.6	3.3	307.6
13:50	4.0	261.7	.63	4.1	262.6	4.1	262.6	4.1	260.8
13:55	3.5	265.2	.93	3.4	264.8	3.6	260.8	3.6	258.1
14:00	3.8	280.6	-.11	3.9	276.7	3.9	270.1	3.9	269.5
14:05	3.5	259.5	-.26	3.8	254.8	4.2	251.8	4.4	253.7
14:10	3.1	301.7	.01	3.1	304.1	3.3	305.9	3.2	307.1
14:15	2.3	328.9	-.83	2.3	327.1	2.7	323.8	3.0	319.9
14:20	3.0	314.0	-.16	2.8	313.2	2.6	314.1	2.5	314.3
14:25	2.7	277.1	.48	3.0	277.4	3.2	274.6	3.1	270.3
14:30	1.3	275.8	-.42	1.8	268.9	2.1	271.7	2.4	260.0
14:35	3.9	260.3	.16	3.9	258.9	3.9	258.8	4.0	260.5
14:40	3.7	254.3	.89	3.7	256.1	3.9	257.4	4.1	259.0
14:45	2.9	236.7	.51	3.0	241.8	3.3	242.9	3.4	245.3
14:50	3.4	235.3	-.41	3.7	238.8	3.8	241.3	4.1	243.3
14:55	3.7	269.9	.18	4.1	272.4	4.4	272.8	4.5	275.4
15:00	2.3	317.2	-.69	2.7	321.0	3.3	313.6	3.6	309.1
15:05	4.0	279.3	-.75	4.3	277.6	4.2	274.4	4.1	271.7
15:10	4.1	259.1	-.97	4.1	266.9	3.7	272.6	3.4	277.6
15:15	4.1	261.7	.38	4.1	260.6	4.0	263.6	4.2	269.7
15:20	3.5	278.8	.66	3.6	277.1	3.6	279.6	3.4	281.8
15:25	1.9	239.9	-.13	2.0	240.6	2.0	254.7	2.0	249.6
15:30	2.3	266.0	-.11	2.4	259.3	2.3	258.2	2.2	258.6
15:35	2.0	262.0	-.05	1.9	265.4	1.8	267.7	1.9	279.0
15:40	1.1	206.3	.76	.9	223.1	.9	232.5	.9	248.2
15:45	1.3	331.2	-.29	1.6	331.3	2.1	330.9	2.6	336.2
15:50	2.2	333.8	-.13	2.5	338.8	2.8	346.3	3.1	345.7
15:55	2.2	250.6	-.87	2.1	255.8	2.0	275.1	2.4	284.8
16:00	1.6	295.6	-.80	1.6	288.7	1.4	277.4	1.7	262.1
16:05	1.4	236.5	-.60	1.8	228.1	1.8	229.8	1.9	228.2
16:10	3.0	278.8	-.33	3.1	273.6	3.2	273.5	3.3	274.0
16:15	1.7	252.4	-.93	1.7	264.5	2.0	277.1	2.1	278.5
16:20	4.3	300.7	.48	4.3	303.4	4.2	303.4	4.2	301.2
16:25	3.1	295.5	.34	3.3	297.8	3.4	298.9	3.6	298.0
16:30	3.4	325.8	.01	3.4	327.7	3.3	320.5	2.9	310.2
16:35	4.0	307.7	-.13	4.2	309.5	4.3	311.0	4.6	310.8
16:40	3.7	312.5	.27	4.2	310.9	4.5	309.4	4.5	307.6
16:45	3.6	314.1	-.02	3.9	311.7	4.4	312.2	4.6	309.1
16:50	3.2	335.1	-.15	3.4	330.1	3.3	330.4	3.3	330.8
16:55	3.6	347.8	.30	3.6	340.9	3.8	339.0	4.0	341.6
17:00	2.4	341.8	.44	2.6	344.7	2.7	347.3	2.8	347.2
17:05	1.6	329.5	-.30	1.9	318.5	2.1	330.7	2.6	339.2
17:10	2.2	308.4	-.14	2.0	311.8	1.9	312.8	2.2	311.3
17:15	3.7	272.4	.10	4.0	275.8	3.9	277.5	3.9	279.5
17:20	3.8	299.0	-.01	4.0	302.1	4.5	304.9	4.8	302.8
17:25	3.8	301.4	.62	4.2	299.3	4.3	300.3	4.1	302.0
17:30	3.9	313.3	.25	4.1	311.4	4.2	310.9	4.6	309.0
17:35	3.3	319.1	.24	3.3	321.1	3.5	318.9	3.6	319.2
17:40	3.1	330.2	.19	3.3	329.6	3.4	327.5	3.6	325.0
17:45	2.8	323.8	-.07	3.1	318.7	3.4	317.9	3.6	310.7
17:50	3.1	315.2	.02	3.4	313.0	3.4	314.3	3.4	315.5
17:55	2.6	319.0	.28	2.9	314.6	3.0	312.3	3.1	311.6
18:00	3.0	309.3	-.08	3.1	313.6	3.4	311.7	3.4	309.8
18:05	2.4	306.4	-.08	2.7	304.3	3.0	302.1	3.2	298.6
18:10	3.6	319.0	.07	4.2	317.1	4.3	316.1	4.1	315.6

	12_WS080m	13_WD080m	14_VWS080m	15_WS100m	16_WD100m	17_WS120m	18_WD120m	19_WS140m	20_WD140m
Time	M/SEC	DEG	MPH	M/SEC	DEG	M/SEC	DEGC	M/SEC	DEGC
18:15	3.3	321.7	.22	3.6	317.9	3.6	315.9	3.6	316.9
18:20	3.3	319.8	.06	3.4	318.4	3.5	319.6	3.5	319.1
18:25	3.6	310.4	.11	3.7	308.4	3.8	305.1	3.9	303.5
18:30	3.1	309.4	.14	3.3	309.1	3.5	310.6	3.7	310.7
18:35	2.9	310.6	.05	3.0	316.6	3.2	320.6	3.4	323.2
18:40	2.8	318.8	.09	3.0	322.8	3.2	326.1	3.1	326.9
18:45	2.6	321.9	-.04	2.8	319.8	2.9	317.8	3.0	315.0
18:50	2.5	322.3	.06	2.7	317.1	2.8	312.1	2.9	307.3
18:55	2.7	320.5	.03	2.6	320.2	2.7	318.0	2.9	317.3
19:00	2.6	317.4	-.03	2.7	315.2	2.8	314.4	2.9	313.2
19:05	2.6	314.4	-.02	2.7	314.8	2.8	312.1	3.0	308.1
19:10	3.0	309.6	-.02	3.2	309.2	3.3	307.2	3.6	305.4
19:15	3.7	309.3	-.06	4.0	309.4	4.1	308.7	4.3	309.3
19:20	3.3	317.6	-.05	3.5	315.6	3.6	318.1	3.9	316.5
19:25	3.1	317.2	-.21	3.5	319.1	3.7	318.0	3.8	319.4
19:30	3.3	317.3	-.16	3.6	316.0	3.8	316.0	4.1	314.1
19:35	3.7	307.5	-.22	4.0	307.6	4.0	308.0	4.1	306.7
19:40	3.6	302.4	-.20	3.9	302.7	4.2	302.0	4.4	302.7
19:45	3.0	297.9	-.22	3.9	305.0	4.5	307.5	4.7	307.3
19:50	2.1	299.3	-.06	3.5	305.3	4.4	305.7	4.9	306.4
19:55	1.9	301.3	-.06	3.3	306.4	4.6	307.4	5.2	306.2
20:00	1.5	308.9	-.06	3.1	309.5	4.7	310.9	5.5	312.0
20:05	1.8	307.5	.11	3.0	311.1	4.5	313.4	5.2	315.6
20:10	2.0	309.0	.00	3.3	310.2	4.3	311.7	4.9	313.6
20:15	2.6	312.3	-.03	3.6	310.9	4.5	310.4	4.7	313.1
20:20	1.9	307.5	-.10	3.0	308.0	3.9	309.7	4.6	310.5
20:25	2.5	316.2	-.01	3.6	314.4	4.6	314.3	5.1	313.4
20:30	2.8	316.9	-.06	3.6	315.1	4.4	315.8	5.2	315.8
20:35	1.9	326.0	-.02	2.9	320.0	4.0	319.8	4.8	317.9
20:40	1.6	327.0	-.05	2.5	323.8	3.6	322.7	4.5	322.9
20:45	1.7	326.1	.01	2.7	323.8	3.7	323.7	4.4	324.5
20:50	1.5	327.6	-.05	2.7	323.4	3.6	324.4	4.3	324.4
20:55	1.5	331.5	.02	2.4	323.9	3.6	324.1	4.7	323.4
21:00	1.5	339.4	-.04	2.4	328.4	3.7	326.1	4.6	325.1
21:05	1.6	343.6	.02	2.4	331.8	3.7	328.2	5.0	325.3
21:10	1.7	346.8	.03	2.5	335.4	3.9	329.7	4.9	327.4
21:15	1.9	356.2	-.05	2.5	334.1	3.9	328.9	4.8	327.5
21:20	2.0	3.2	-.10	2.7	339.9	3.6	332.9	4.7	332.7
21:25	2.1	17.5	-.08	2.5	352.9	3.5	338.5	4.6	335.4
21:30	2.0	18.8	-.17	2.5	351.5	3.6	337.5	4.6	337.2
21:35	2.0	22.0	-.08	2.4	352.1	3.3	336.9	4.3	333.7
21:40	2.3	16.4	-.05	2.5	349.9	3.3	335.8	4.2	333.4
21:45	2.3	5.7	-.16	2.8	349.4	3.3	337.0	4.0	334.5
21:50	1.9	2.3	-.07	2.7	346.2	3.4	336.6	3.8	335.1
21:55	1.9	5.8	.06	2.6	346.5	3.3	337.2	3.5	334.2
22:00	1.8	3.4	-.04	2.4	342.7	3.1	337.3	3.6	335.5
22:05	1.6	16.2	-.04	2.0	348.5	2.7	341.1	3.5	337.9
22:10	1.4	18.7	-.05	1.8	356.9	2.4	348.8	3.1	345.7
22:15	1.1	13.7	-.02	1.5	351.9	2.0	348.7	2.9	349.7
22:20	1.3	355.8	-.02	1.3	337.2	1.9	344.3	3.0	349.9
22:25	1.5	354.9	-.04	1.5	347.6	2.2	346.8	3.5	345.6
22:30	1.2	356.4	-.02	1.4	353.5	2.4	342.3	3.4	340.8
22:35	1.3	358.9	.05	1.7	348.1	2.7	342.3	3.4	339.1
22:40	1.5	347.8	.03	2.1	340.1	2.9	338.1	3.7	336.6
22:45	1.7	337.6	-.07	2.3	335.5	3.2	332.6	3.8	336.1
22:50	1.0	321.3	.03	1.9	335.3	3.1	330.2	3.8	332.9



## Daily Summary Report

Site: Lidar "Q" (PAM35)

9/23/2021

Interval: 005m

	21_WS160m	22_WD160m	23_WS180m	24_WD180m	25_WS200m	26_WD200m	27_WS220m	28_WD220m	29_WS240m
Time	M/SEC	DEGC	M/SEC	DEGC	M/SEC	DEGC	M/SEC	DEGC	M/SEC
00:00	6.6	305.9							
00:05	6.6	301.1							
00:10	6.2	307.8							
00:15									
00:20	6.3	301.3							
00:25	5.9	307.0							
00:30	6.9	312.0	7.1	313.4	7.1	315.8	7.1	317.7	7.3
00:35	6.6	311.9	6.6	312.8	6.7	314.8	6.9	315.4	6.9
00:40	6.4	309.4	6.6	311.5	6.6	313.4	6.7	315.7	6.9
00:45	6.4	308.8	6.6	310.7	6.9	311.9	7.1	313.6	7.3
00:50	6.5	313.2	6.8	315.3	7.1	316.8	7.4	319.3	7.6
00:55	7.2	316.1							
01:00									
01:05									
01:10									
01:15									
01:20									
01:25									
01:30									
01:35									
01:40									
01:45	6.9	316.8							
01:50									
01:55									
02:00									
02:05									
02:10									
02:15									
02:20									
02:25	7.5	314.0	7.4	315.2					
02:30	7.3	309.8	7.5	312.0	7.8	313.5	8.0	314.6	8.3
02:35	7.6	307.3	7.9	309.7	7.9	309.2	8.4	309.8	8.5
02:40									
02:45									
02:50	7.4	311.6							
02:55									
03:00									
03:05									
03:10									
03:15									
03:20	9.0	310.2							
03:25	10.1	313.6							
03:30	10.3	316.9							
03:35	7.9	318.0							
03:40	7.2	322.6							
03:45	6.2	322.6							
03:50	5.9	326.3							
03:55	6.5	324.3							
04:00	6.1	320.3							
04:05									
04:10	5.1	318.1							

	21_WS160m	22_WD160m	23_WS180m	24_WD180m	25_WS200m	26_WD200m	27_WS220m	28_WD220m	29_WS240m
Time	M/SEC	DEGC	M/SEC	DEGC	M/SEC	DEGC	M/SEC	DEGC	M/SEC
04:15	5.8	324.6							
04:20									
04:25									
04:30	5.3	309.6							
04:35	6.0	310.3	6.2	314.8					
04:40	5.8	308.6							
04:45	6.3	309.0							
04:50	6.2	305.5							
04:55	6.3	308.7							
05:00	5.6	313.5							
05:05	5.2	309.2							
05:10	3.8	297.5	5.8	302.1					
05:15	2.4	292.8	2.9	299.4					
05:20	2.0	275.5	2.5	290.5					
05:25	.9	327.4	1.7	291.6	2.1	301.8			
05:30	1.0	297.4	1.1	320.1	1.4	294.8			
05:35	2.0	309.3	1.7	321.9					
05:40	2.0	315.5	3.0	309.1					
05:45	2.4	303.0	3.2	308.5					
05:50	3.7	303.2	4.3	308.2	3.7	316.2			
05:55	3.3	304.5	3.8	307.4					
06:00	3.1	300.9	2.9	303.0					
06:05	3.5	299.7	4.1	303.7					
06:10	3.7	303.0	4.1	304.9	3.9	312.0			
06:15	4.1	313.6	4.2	317.6					
06:20	3.8	313.2	4.4	318.1					
06:25	4.0	300.4	4.0	308.9					
06:30	3.9	299.2	3.8	306.0					
06:35									
06:40	4.2	300.9	4.3	305.7					
06:45	4.1	302.4	4.4	306.6					
06:50	4.5	304.7	4.7	305.3					
06:55	4.4	302.5	4.4	309.3					
07:00	4.3	300.5	4.1	311.2					
07:05	4.7	299.4	4.8	303.6					
07:10	4.8	304.8	4.7	308.0					
07:15	4.9	309.4	4.9	311.9					
07:20	4.9	307.1	5.1	311.3	5.3	314.3			
07:25	5.1	307.3	5.2	310.4	4.6	318.4			
07:30	4.8	312.5	5.1	317.1	5.4	316.9			
07:35	5.3	313.7	5.5	318.8					
07:40	5.2	313.2	5.2	318.5	6.0	323.6			
07:45	5.4	317.6	5.5	322.2	5.4	327.3			
07:50	5.2	316.7	5.5	320.2	5.5	326.9			
07:55	5.3	314.9	5.6	317.1	5.9	322.1			
08:00	4.8	318.0	5.7	319.3	6.0	322.9			
08:05	4.3	315.6	5.2	316.4	5.8	319.1			
08:10	3.3	314.6	4.5	316.5	5.4	317.9	5.7	325.7	
08:15	3.0	307.2	4.0	310.6	4.7	313.4	5.0	314.6	
08:20	2.7	297.8	3.5	304.3	4.5	310.3	4.9	313.7	
08:25	2.3	293.7	3.1	305.5	3.7	314.2	4.2	318.8	
08:30	2.4	299.0	3.4	307.3	4.4	309.5			
08:35	2.9	296.5	3.8	304.0	3.7	313.9			
08:40	2.5	294.7	3.1	301.7	3.4	309.1	4.0	321.1	
08:45	2.4	302.7	3.2	307.5	3.9	312.4			
08:50	2.6	301.4	3.1	308.3	3.6	314.1			

	21_WS160m	22_WD160m	23_WS180m	24_WD180m	25_WS200m	26_WD200m	27_WS220m	28_WD220m	29_WS240m
Time	M/SEC	DEGC	M/SEC	DEGC	M/SEC	DEGC	M/SEC	DEGC	M/SEC
08:55	2.5	297.2	3.1	303.0	3.6	308.7	4.0	314.6	
09:00	2.4	286.5	2.8	299.1	3.3	302.0	3.6	306.8	
09:05	1.8	288.6	2.5	296.8	3.1	301.2	4.1	304.5	5.1
09:10	1.9	290.6	2.7	294.4	3.0	300.7	3.5	307.9	
09:15	1.7	306.9	2.2	306.7	2.9	309.5	3.5	308.4	3.3
09:20	.9	282.4	1.3	310.7	1.6	318.2	2.1	313.0	1.2
09:25	1.1	258.4	1.3	288.1	1.6	302.3	2.1	296.7	1.8
09:30	1.7	218.7	1.4	245.7	1.5	262.7	1.8	284.4	2.3
09:35	2.0	288.6	2.0	292.8	2.2	292.3	2.3	296.9	3.2
09:40	2.1	280.1	2.3	286.3	2.4	288.6	2.6	291.8	2.3
09:45	2.1	283.2	2.3	289.3	2.3	286.8	2.5	285.6	2.4
09:50	1.6	296.7	1.6	300.9	1.8	299.8	1.8	294.2	1.9
09:55	1.6	294.1	1.5	294.4	1.5	294.0	1.6	299.7	1.2
10:00	2.1	290.1	2.3	284.5	2.4	285.3	2.9	282.1	3.3
10:05	2.7	326.9	2.6	322.1	2.4	328.6	2.4	326.3	
10:10	2.2	317.5	2.3	315.4	2.4	314.1	2.4	314.8	2.1
10:15	.9	316.0	1.1	332.2	1.1	351.8			
10:20	1.1	309.7	1.2	318.5	1.3	321.8			
10:25	.7	227.0	.9	267.7	1.2	103.0			
10:30	2.6	276.4	2.8	281.1	3.0	283.4	2.6	293.7	3.2
10:35	4.2	286.6	4.0	286.8	4.0	287.3	3.7	287.5	3.7
10:40	3.4	284.6	3.3	283.5	3.5	283.9	3.1	285.9	
10:45	3.2	289.8	3.4	290.0	3.2	287.7			
10:50	3.5	284.9	3.6	285.6	3.6	285.3			3.6
10:55	4.3	279.9	4.2	281.6	4.3	282.4	4.1	282.3	4.1
11:00	4.6	289.3	4.6	288.1	4.7	286.1	4.7	285.8	4.7
11:05	4.2	288.7	4.2	288.0	4.3	288.1	4.4	290.4	
11:10	3.2	287.6	3.2	286.3	3.3	287.8	3.1	291.1	3.3
11:15	4.2	269.8	4.3	268.7	4.6	269.1	3.9	272.1	
11:20	3.7	310.0	3.9	313.0	3.7	314.4	3.7	313.7	
11:25	3.7	314.0	3.7	315.7	3.8	313.8	4.2	307.9	3.0
11:30	3.4	264.4	3.3	267.1	3.0	268.8	3.1	272.5	
11:35	4.2	278.8	4.4	277.6	4.2	278.4	5.2	276.4	5.7
11:40	4.1	284.4	4.2	283.1	3.8	283.8	3.8	283.7	
11:45	3.4	286.5	3.8	290.6	3.9	289.9	3.8	289.9	
11:50	3.4	317.8	3.7	315.8	3.9	322.2			
11:55	3.2	307.8	3.2	310.4	3.4	307.3	2.6	309.6	
12:00	3.4	330.9	3.3	336.9	3.7	337.3			
12:05	2.9	18.1	3.3	28.8	2.6	2.4			
12:10	3.1	245.7	3.1	247.8	3.0	247.9			
12:15	2.9	301.1	3.2	301.1	3.1	305.6			
12:20	3.1	328.8	3.6	320.0	3.4	309.9			
12:25	3.6	325.9	3.7	329.2	4.0	341.3			
12:30	4.3	294.2	4.8	289.6	4.5	290.0			
12:35	2.9	330.5	3.0	328.5	2.3	330.8	3.0	347.3	
12:40	3.9	283.7	3.7	287.9	3.6	290.8	2.8	294.3	
12:45	3.4	279.6	3.4	271.9	3.8	265.7			
12:50	3.2	348.7	3.0	350.0	3.4	354.6			
12:55	2.1	16.1	2.1	26.8	2.2	35.1			
13:00	3.8	273.8	3.8	273.0	3.9	270.2	2.4	276.0	
13:05	4.1	300.3	4.2	298.1	5.1	289.7	5.2	288.9	
13:10	3.6	289.1	3.7	291.1	3.4	288.6			
13:15	2.8	285.3	3.0	282.9	3.6	284.5	2.6	280.7	
13:20	3.1	279.2	3.3	281.3	3.6	281.0	3.6	282.6	
13:25	2.5	257.0	2.9	261.4	2.8	266.2	2.5	262.6	
13:30	2.8	271.2	2.9	275.9	3.1	277.0			

	21_WS160m	22_WD160m	23_WS180m	24_WD180m	25_WS200m	26_WD200m	27_WS220m	28_WD220m	29_WS240m
Time	M/SEC	DEGC	M/SEC	DEGC	M/SEC	DEGC	M/SEC	DEGC	M/SEC
13:35	3.0	276.4	3.0	283.5	2.7	292.2	3.3	292.1	
13:40	3.6	304.0	3.8	304.0	3.9	303.3			
13:45	3.4	307.3	3.9	307.5	4.2	306.2	4.8	300.5	3.6
13:50	4.1	261.9	4.2	262.9	3.9	265.5	3.8	265.6	
13:55	3.7	258.4	3.5	258.8	4.2	264.5	4.5	259.8	
14:00	3.7	269.1	3.6	266.6	3.2	264.7	3.6	262.4	
14:05	4.3	255.4	4.2	254.2	3.7	257.9	2.8	257.5	
14:10	3.1	305.4	3.4	300.4	3.3	304.7	3.4	308.2	
14:15	3.0	319.0	3.4	322.7	3.4	334.3	3.6	349.9	
14:20	2.5	304.7	2.8	294.2	2.3	295.8			
14:25	3.0	268.9	2.8	271.2	3.7	272.5			
14:30	3.0	252.9	2.9	250.7	3.5	250.9			
14:35	4.2	262.9	4.4	265.5	4.6	270.4	4.5	270.9	
14:40	4.0	261.3	3.9	265.1	4.0	266.7			
14:45	3.4	247.3	3.5	248.6	3.7	248.9			
14:50	4.2	242.0	4.1	237.5	3.8	236.6	2.5	233.9	
14:55	4.5	280.0	4.7	283.7	5.4	287.4	4.3	291.0	
15:00	4.0	305.2	4.4	299.9	3.7	301.1			
15:05	4.0	273.0	4.0	276.5	3.9	281.5	2.4	292.0	
15:10	3.1	280.9	2.8	281.7	2.8	283.0			
15:15	4.4	272.8	4.1	275.3	3.7	276.9			
15:20	3.5	287.1	4.2	289.1	4.0	292.8			
15:25	2.1	235.9	1.8	222.3	2.0	222.3			
15:30	2.1	257.1	2.0	256.2	1.8	233.8			
15:35	2.2	289.2	2.8	289.1	2.3	292.4			
15:40	.7	264.2	.8	53.9	.7	288.5			
15:45	2.5	324.4	2.3	323.9					
15:50	3.3	342.6	3.2	341.1					
15:55	2.7	288.2	2.7	300.7					
16:00	1.7	255.6	1.9	244.5	4.1	246.0			
16:05	1.7	213.4	1.8	209.7					
16:10	3.7	274.9	3.9	272.7					
16:15	2.4	280.5	2.3	281.9					
16:20	3.8	296.7							
16:25	3.7	296.2							
16:30	3.5	297.1							
16:35	4.5	309.9	4.4	303.9					
16:40	4.8	306.2	5.5	303.4					
16:45	4.5	309.5	4.8	304.0					
16:50	2.9	333.1							
16:55	4.4	347.1	4.7	355.3					
17:00	3.2	349.1	3.4	353.1					
17:05	2.8	349.5	3.0	359.5					
17:10	2.4	316.1							
17:15	3.4	281.1	4.6	279.8					
17:20	5.0	298.7							
17:25	3.9	296.3							
17:30	4.6	310.0	4.4	304.1					
17:35	3.8	321.5							
17:40	3.4	323.7							
17:45	3.4	307.3	3.4	314.4					
17:50	3.5	316.1							
17:55	3.2	309.2	2.5	322.4					
18:00	3.4	307.8	4.2	307.2					
18:05	3.1	297.5							
18:10	4.1	320.5							



	21_WS160m	22_WD160m	23_WS180m	24_WD180m	25_WS200m	26_WD200m	27_WS220m	28_WD220m	29_WS240m
Time	M/SEC	DEGC	M/SEC	DEGC	M/SEC	DEGC	M/SEC	DEGC	M/SEC
18:15	3.3	313.5							
18:20	3.5	316.9	3.9	314.9					
18:25	4.0	303.3							
18:30	4.5	313.6							
18:35	3.4	327.8	3.1	328.9					
18:40	3.4	328.7							
18:45	3.2	313.1	3.7	309.2					
18:50	2.9	302.9	2.7	301.9					
18:55	3.0	319.8	3.4	314.7					
19:00	2.8	312.5							
19:05	3.0	307.7	3.2	303.8					
19:10									
19:15									
19:20	3.8	321.0							
19:25	3.9	318.5							
19:30	4.5	315.2							
19:35	4.4	305.4	4.7	303.7					
19:40	4.6	302.8	4.1	302.6					
19:45	5.3	306.7							
19:50	5.1	308.2							
19:55	5.7	306.6	5.6	309.1					
20:00	5.9	313.3	6.0	313.5					
20:05	5.6	316.6							
20:10	5.2	313.6	5.3	312.2					
20:15	5.1	313.1	5.2	311.7					
20:20	5.2	309.7							
20:25	5.5	311.1	5.7	309.7					
20:30	5.6	313.5	5.8	312.8					
20:35	5.3	317.6	5.7	317.9					
20:40	5.1	322.7	5.5	320.9	6.1	315.9			
20:45	4.8	325.2	5.3	324.2	4.7	320.8			
20:50	4.7	325.6	5.2	327.5					
20:55	5.5	323.1	5.9	323.8	5.4	325.2			
21:00	5.3	325.2	5.5	326.3					
21:05	5.6	324.8	5.8	325.4					
21:10	5.4	328.6	5.6	326.8	5.7	330.1			
21:15	5.4	330.6	5.9	330.3	6.2	327.8			
21:20	5.4	333.7	6.0	333.4	6.0	330.5			
21:25	5.3	336.9	5.7	341.2					
21:30	5.1	338.3	5.7	343.4					
21:35	5.0	335.9			5.5	342.1			
21:40	4.9	335.9	5.1	337.9					
21:45	4.4	336.4	4.9	340.6					
21:50	4.2	336.6	5.3	340.8					
21:55	4.0	337.0	5.2	339.5	5.8	341.1			
22:00	4.6	340.7	5.8	344.2					
22:05	4.6	343.5	5.7	343.7					
22:10	4.3	344.5	5.6	346.7	5.2	350.3			
22:15	4.3	347.1	5.3	347.9	5.0	344.8			
22:20	4.4	348.8	5.4	347.4					
22:25	4.5	346.2	4.4	345.6					
22:30	4.5	345.8	5.1	345.2					
22:35	4.4	343.7	4.9	348.3					
22:40	4.4	344.3	5.0	346.2					
22:45	4.6	342.7	4.7	342.8					
22:50	4.5	337.5	4.8	339.5					

















## Daily Summary Report

Site: Lidar "Q" (PAM35)

9/23/2021

Interval: 005m

	39_WS340m	40_WD340m	41_WS360m	42_WD360m	43_WS380m	44_WD380m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00						
00:05						
00:10						
00:15						
00:20						
00:25					5.2	35.4
00:30	7.7	319.1	7.7	319.4	6.5	323.6
00:35	7.3	324.0	7.5	324.8	7.1	326.1
00:40	7.6	322.6	7.9	322.8	7.4	324.1
00:45	8.1	324.0	8.3	324.5	7.7	327.1
00:50	8.7	326.5	8.9	327.5	8.4	334.5
00:55					7.8	335.8
01:00						
01:05						
01:10						
01:15						
01:20						
01:25						
01:30						
01:35						
01:40						
01:45						
01:50						
01:55						
02:00						
02:05						
02:10						
02:15						
02:20						
02:25						
02:30	8.6	324.4	8.5	326.3	7.8	333.3
02:35	9.7	321.4				
02:40						
02:45						
02:50						
02:55						
03:00						
03:05						
03:10						
03:15						
03:20						
03:25						
03:30						
03:35						
03:40						
03:45						
03:50						
03:55						
04:00						
04:05						
04:10						

	39_WS340m	40_WD340m	41_WS360m	42_WD360m	43_WS380m	44_WD380m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
04:15						
04:20						
04:25						
04:30						
04:35						
04:40						
04:45						
04:50						
04:55						
05:00						
05:05						
05:10						
05:15						
05:20						
05:25						
05:30						
05:35						
05:40						
05:45						
05:50						
05:55						
06:00						
06:05						
06:10						
06:15						
06:20						
06:25						
06:30						
06:35						
06:40						
06:45						
06:50						
06:55						
07:00						
07:05						
07:10						
07:15						
07:20						
07:25						
07:30						
07:35						
07:40						
07:45						
07:50						
07:55						
08:00						
08:05						
08:10						
08:15						
08:20						
08:25						
08:30						
08:35						
08:40						
08:45						
08:50						

	39_WS340m	40_WD340m	41_WS360m	42_WD360m	43_WS380m	44_WD380m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
08:55						
09:00						
09:05						
09:10						
09:15						
09:20						
09:25						
09:30						
09:35						
09:40						
09:45					.7	343.3
09:50						
09:55						
10:00						
10:05						
10:10						
10:15						
10:20						
10:25						
10:30						
10:35						
10:40						
10:45						
10:50						
10:55						
11:00					1.0	277.3
11:05						
11:10						
11:15						
11:20						
11:25						
11:30						
11:35						
11:40						
11:45						
11:50						
11:55						
12:00						
12:05						
12:10						
12:15						
12:20						
12:25						
12:30						
12:35						
12:40						
12:45						
12:50						
12:55						
13:00						
13:05						
13:10						
13:15						
13:20						
13:25						
13:30						

	39_WS340m	40_WD340m	41_WS360m	42_WD360m	43_WS380m	44_WD380m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
13:35						
13:40						
13:45						
13:50						
13:55						
14:00						
14:05						
14:10						
14:15						
14:20						
14:25						
14:30						
14:35						
14:40						
14:45						
14:50						
14:55						
15:00						
15:05						
15:10						
15:15						
15:20						
15:25						
15:30						
15:35						
15:40						
15:45						
15:50						
15:55						
16:00						
16:05						
16:10						
16:15						
16:20						
16:25						
16:30						
16:35						
16:40						
16:45						
16:50						
16:55						
17:00						
17:05						
17:10						
17:15						
17:20						
17:25						
17:30					.8	327.7
17:35						
17:40						
17:45						
17:50						
17:55						
18:00						
18:05						
18:10						

	39_WS340m	40_WD340m	41_WS360m	42_WD360m	43_WS380m	44_WD380m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
18:15						
18:20						
18:25						
18:30						
18:35						
18:40						
18:45						
18:50						
18:55						
19:00						
19:05						
19:10						
19:15						
19:20						
19:25						
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						

	39_WS340m	40_WD340m	41_WS360m	42_WD360m	43_WS380m	44_WD380m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
22:55						
23:00						
23:05						
23:10						
23:15						
23:20						
23:25						
23:30						
23:35						
23:40						
23:45						
23:50						
23:55						
<b>Avg</b>	8.2	323.1	8.1	324.2	5.5	298.9
<b>Max</b>	9.7	326.5	8.9	327.5	8.4	343.3
<b>Max Time</b>	02:35	00:50	00:50	00:50	00:50	09:45
<b>Min</b>	7.3	319.1	7.5	319.4	.7	35.4
<b>Count</b>	7	7	6	6	11	11
<b>Total</b>						