AAHAB-1

May 21, 2011

Project Recap

Chris

Materials & Preflight Preparation

ROCKETMAN enterprises, High Powered R

ROCKETMAN Hotline 952-881-6260

Welcomed To Rocketman's C

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- Rocket Parachutes
- Parachutes and Packs for Model Airplanes
- ¼ Scale Dragsters Chutes
- High Altitude Ballon Payload Recovery Parachutes
- Kevlar Flame Proof Chutes
- Parachute Descent Rates
- Flames Shields
- Deployment Bags
- Kevlar & Nylon Webbing
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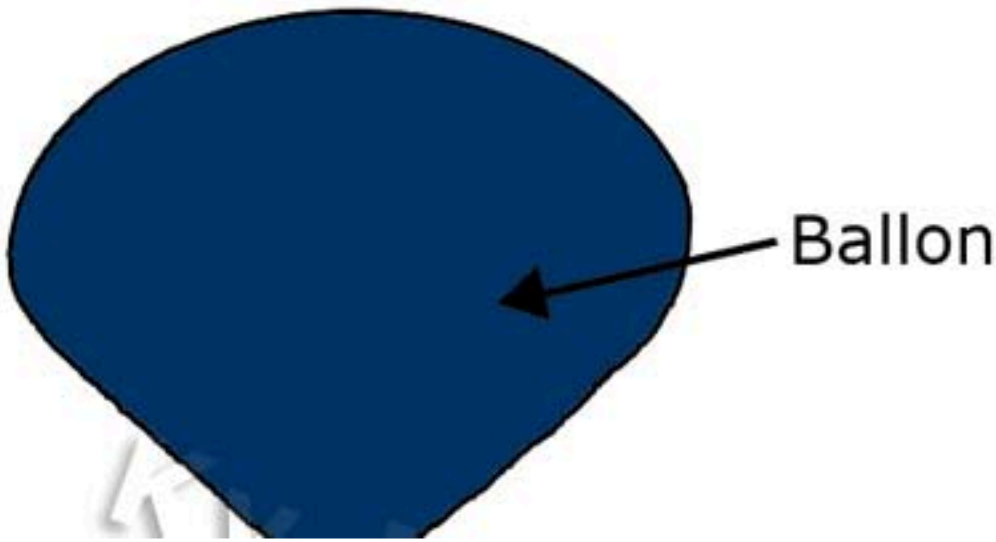
High Altitude Balloon Payload Recovery P

Rocketman Enterprise Inc. Designs and manufactures parachutes that are
scientific payloads from high altitude balloon flights. The parachutes come w
apex of the chute that is used to attach it to the base of the balloon. The
risers of the open parachute. The Rocketman chutes have been success
times, including a 75 lb recovery from over 380,000 feet. Call Rocketman E
6260 for availably or if ordering outside the US, please call for shipping and



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8245 Weather Balloon, 1500 Grams Natural

Email a Friend

Lowest prices on the Internet!

Old Price ~~$145.00~~
Sale Price $125.00 (Contact us for Special Government Prices)
You save $20.00!

Availability:: Usually Ships in 24 Hours
Product Code: 8245

Like 12

Description

8245 Meteorological Balloon, 1500 Grams Natural

Color: Natural

Neck Diameter: 1.3"

Mineral BM
198
Parkfield
Junction
Murray
41
33
Kettleman
City
Avenal
Hydril
La Cima
Gastro BM
Standard
Gas BM
Black
Mountain
41
5
Reef Station
41
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Three
Peaks East
33
41
San Miguel
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Terrace
46
101
Bern
Kecks
Corner
46
Shandon
Annette
33
46
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41
Shale Hills
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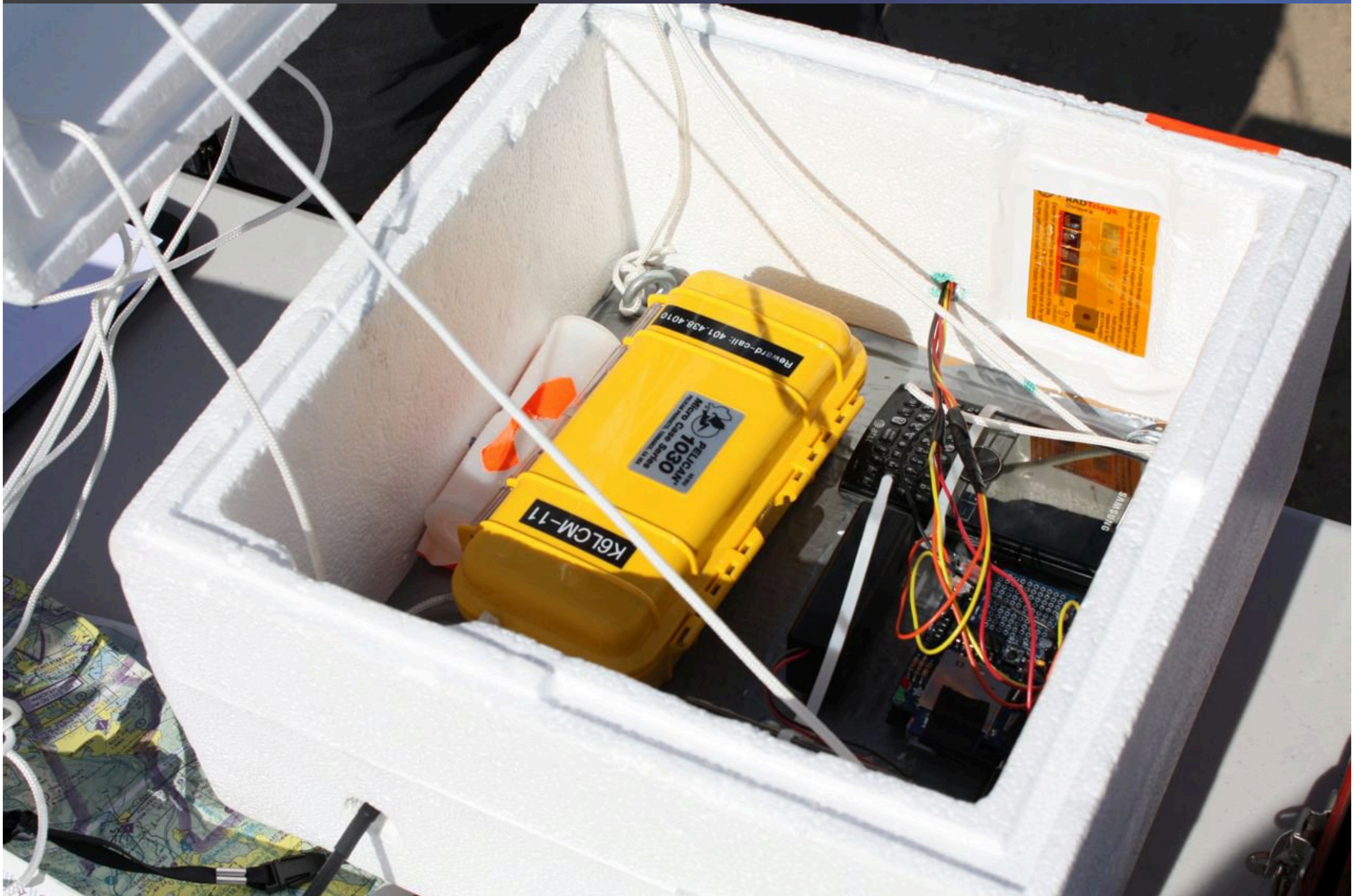
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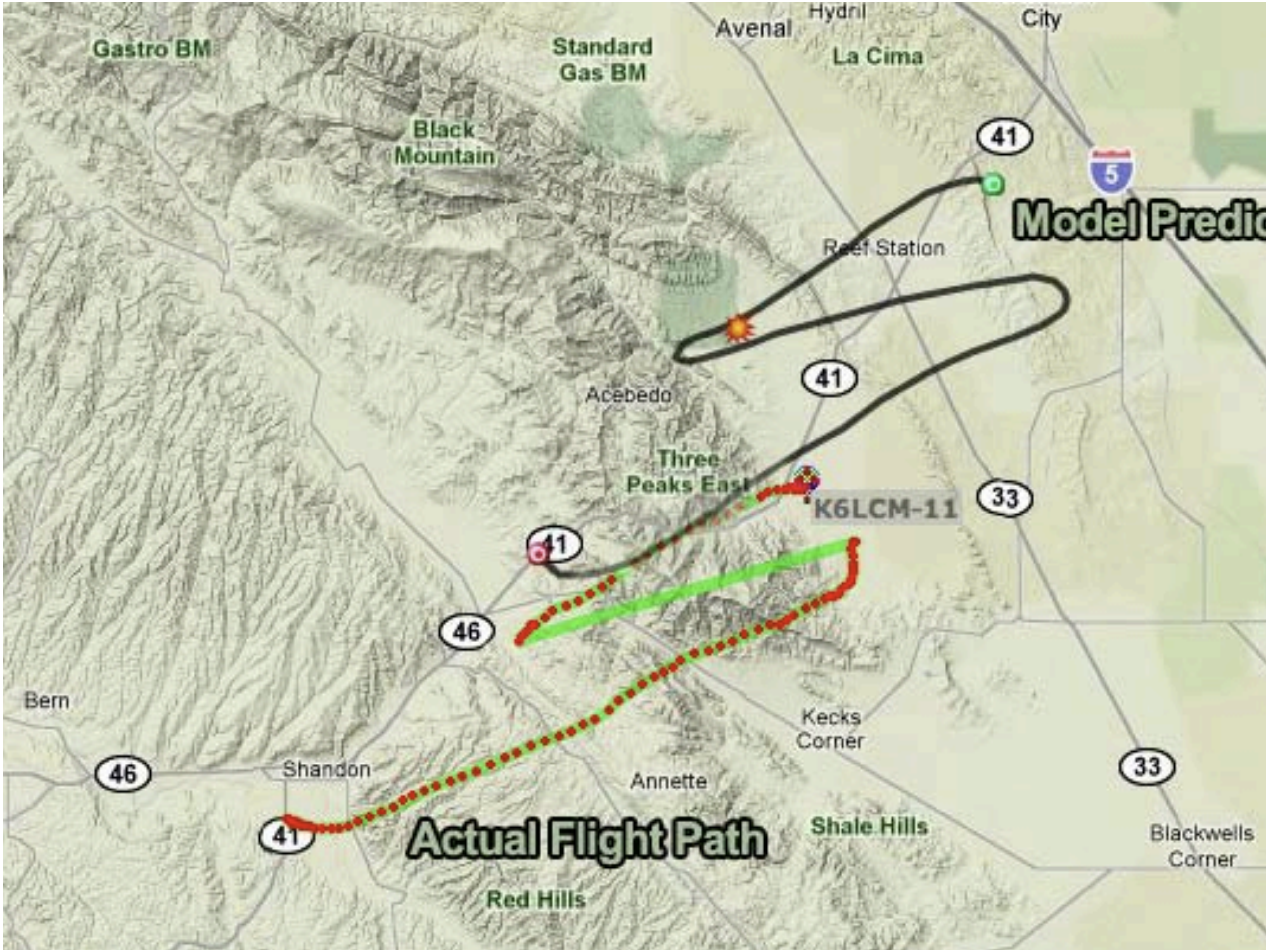
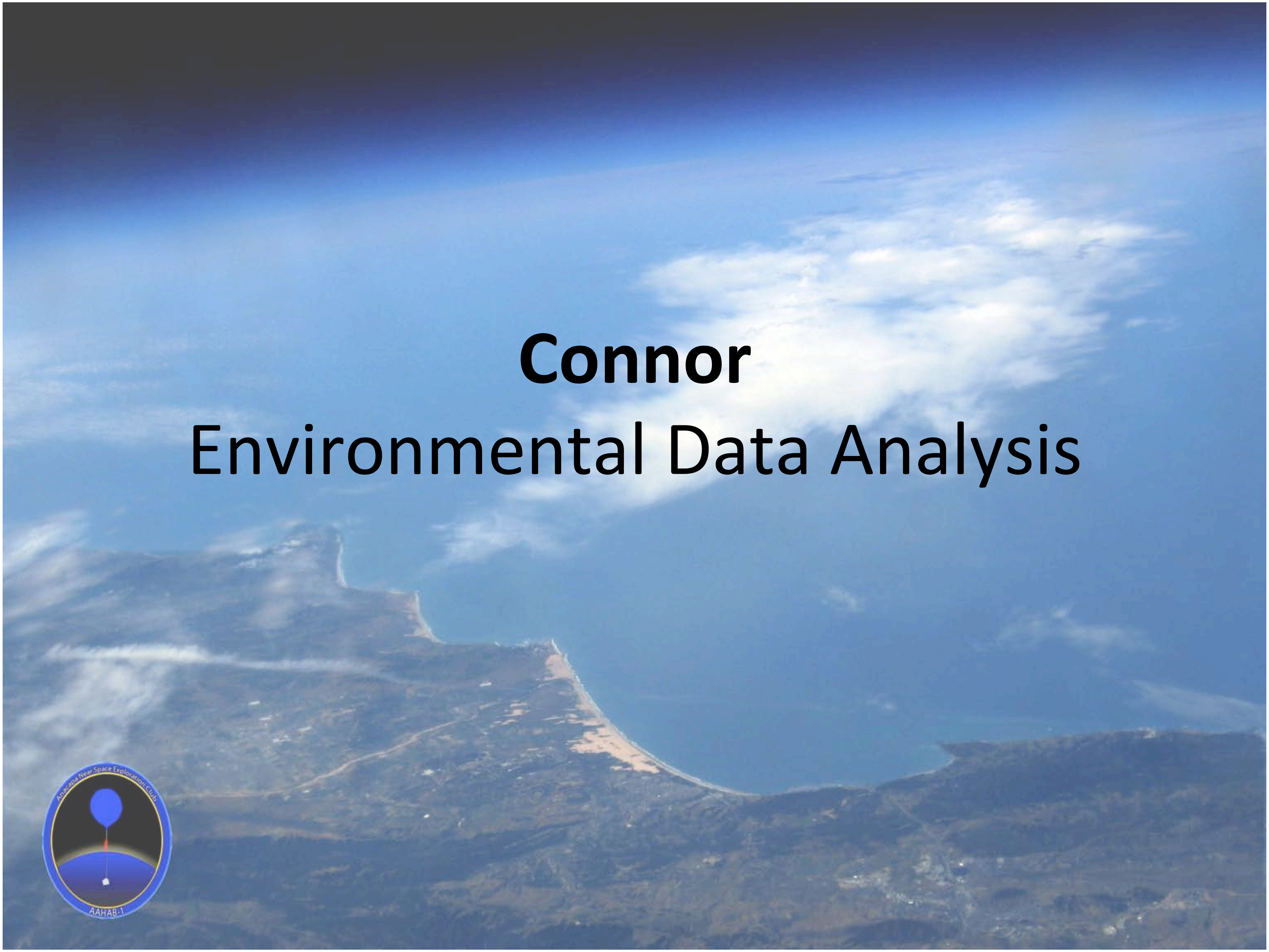
Chris

Flight Predictions vs. Reality

Flight Summary

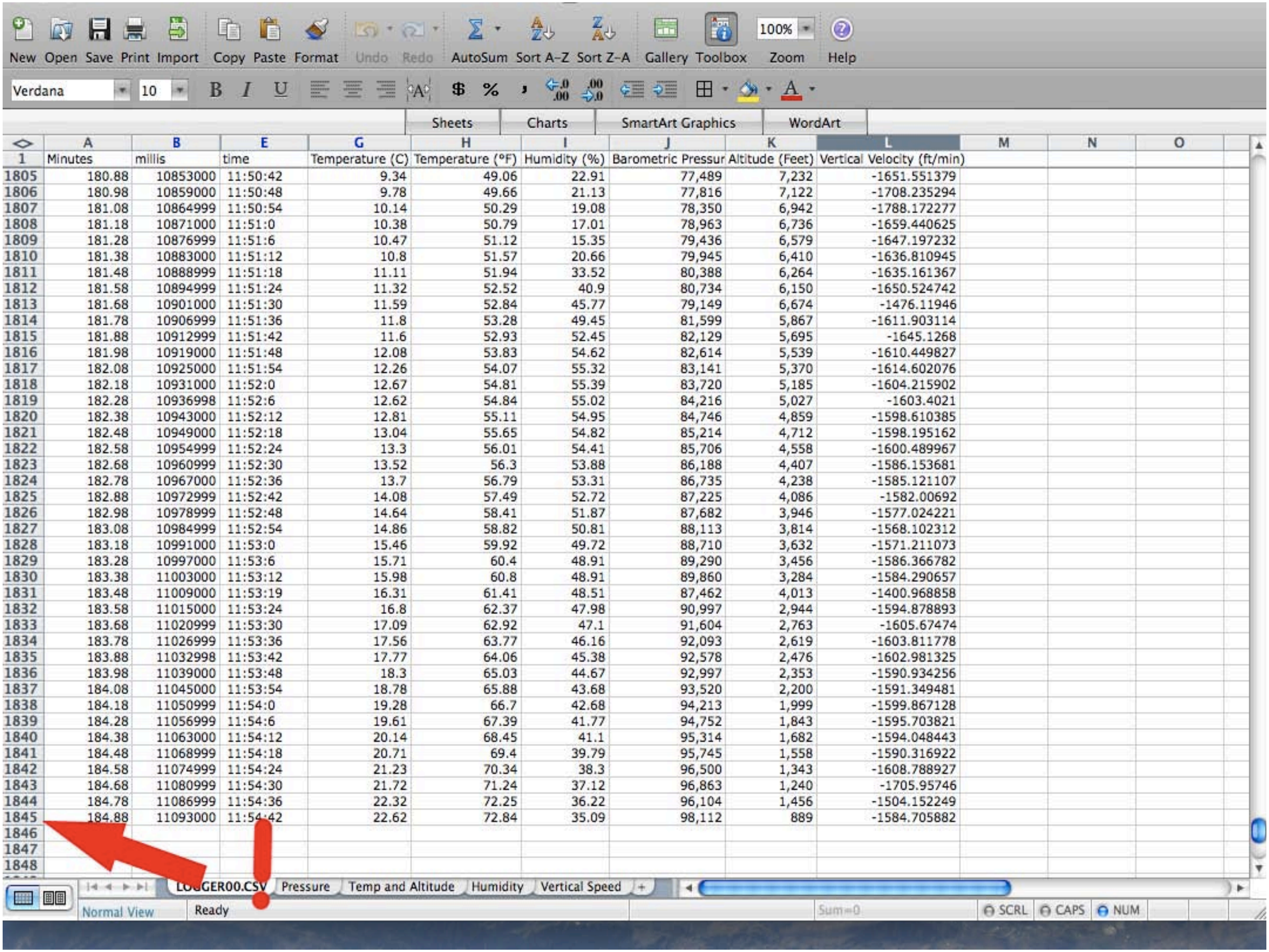
- Total Flight Distance (balloon’s-eye-view): 20 Miles Launch to Touchdown
- Total Flight Time: 2 hours 10 minutes
- Maximum Vertical Speed: -65 MPH
- Maximum Altitude: 91,122 ft.


Gastro BM
Standard Gas BM
Avenal
Hydril
City
La Cima
Black Mountain
41
5
Model Predic
Reef Station
Acebedo
41
Three Peaks East
K6LCM-11
33
41
46
Bern
Kecks Corner
46
Shandon
Annette
33
41
Actual Flight Path
Shale Hills
Blackwells Corner
Red Hills

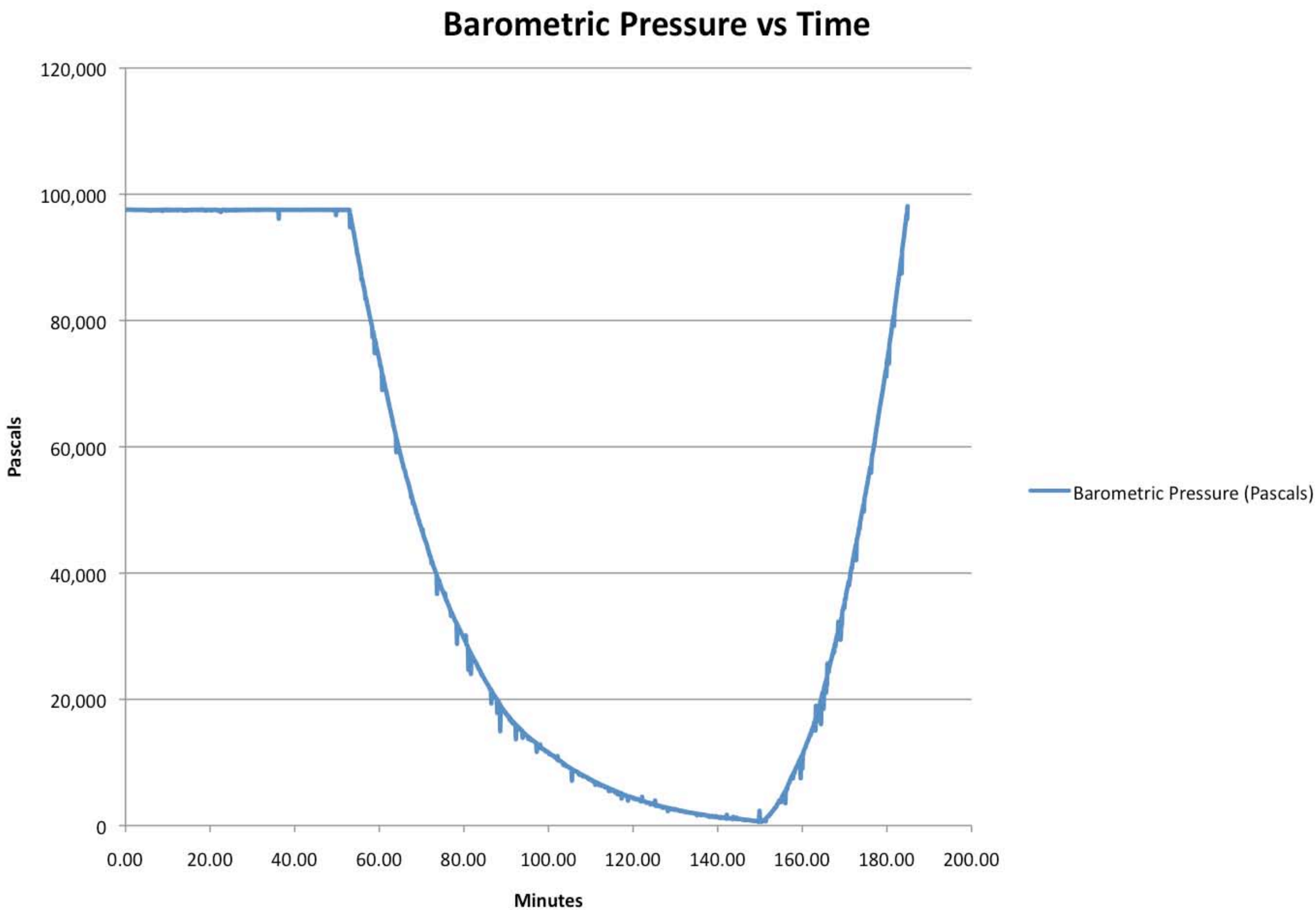


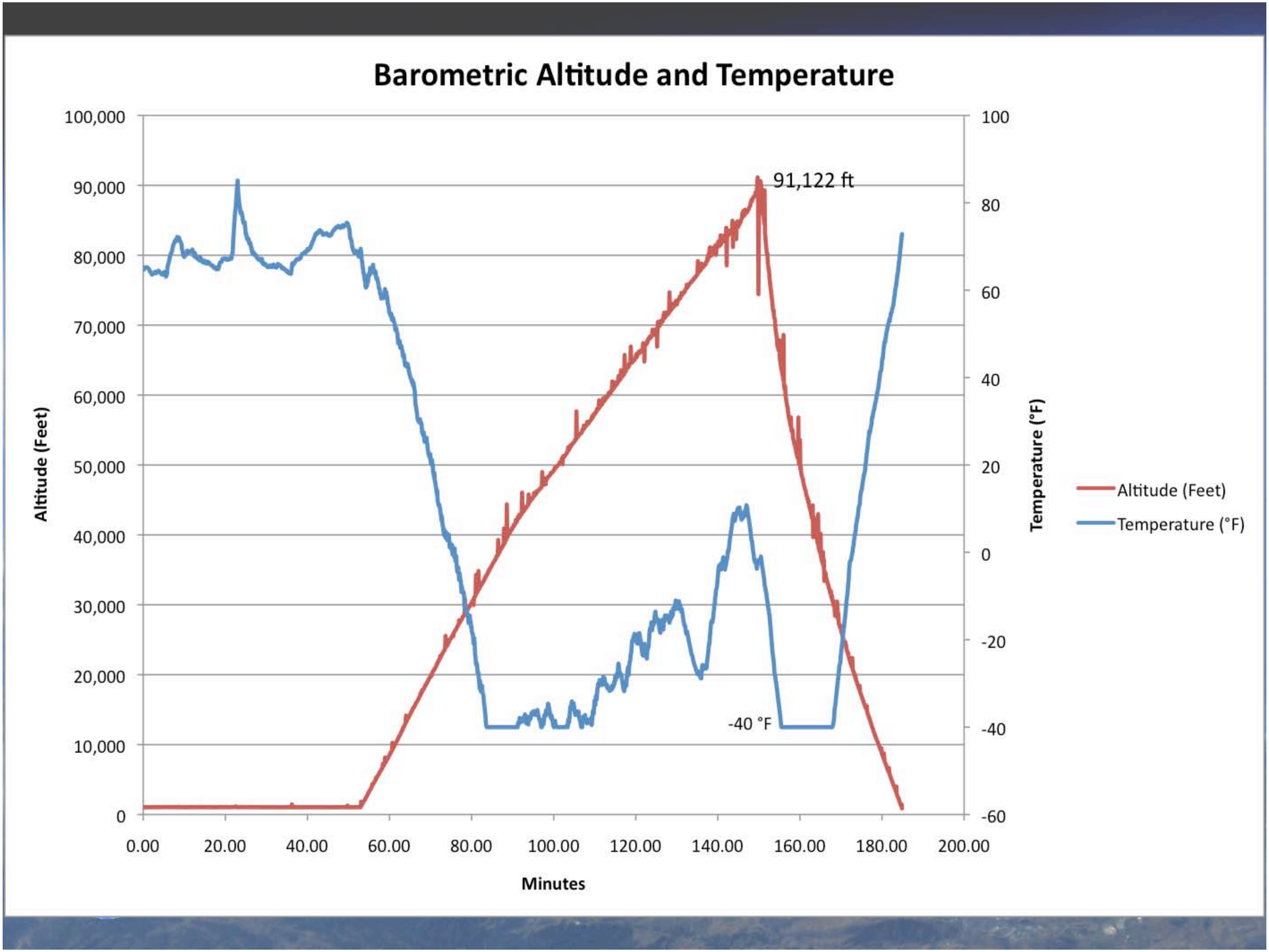
Connor

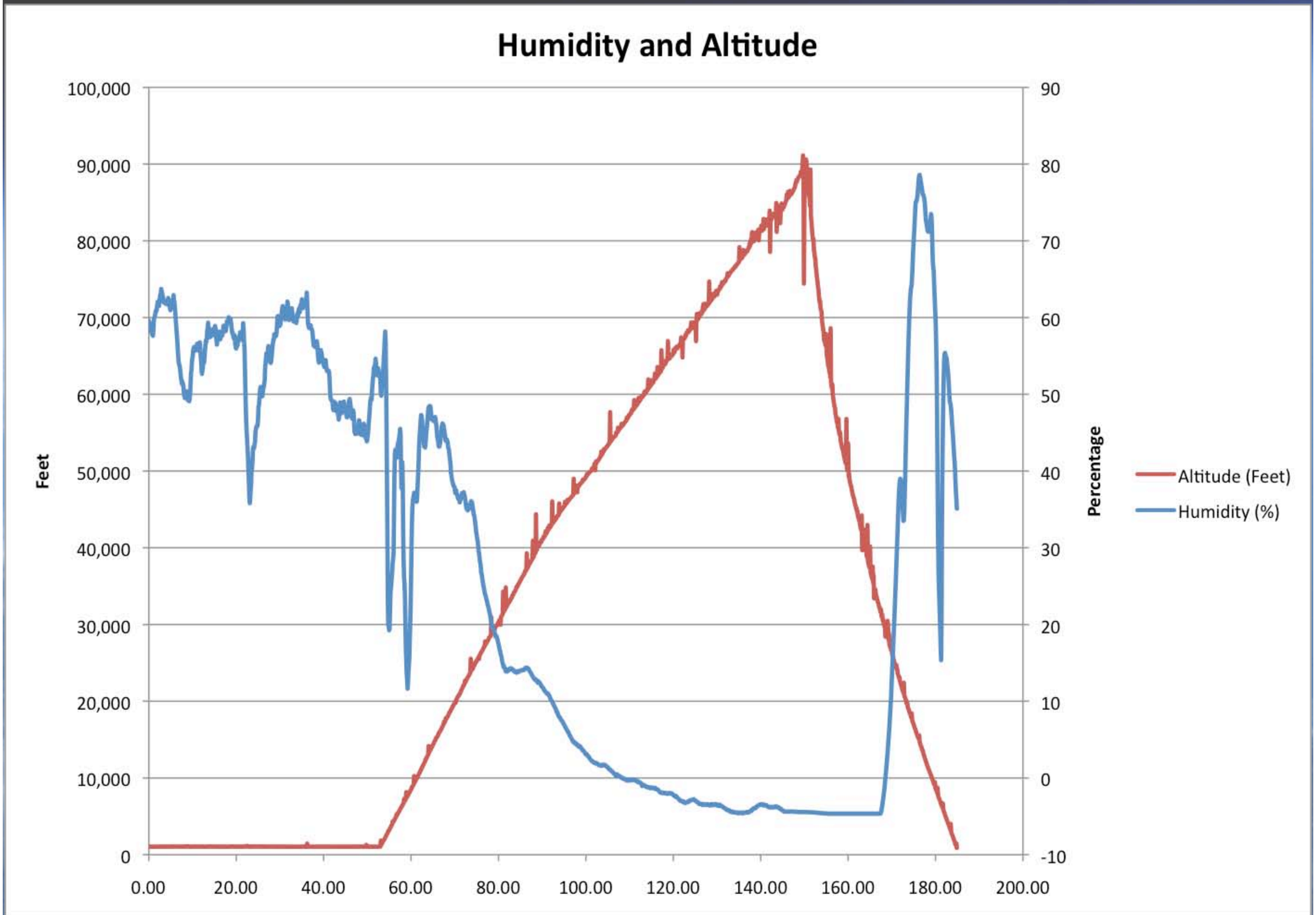
Environmental Data Analysis



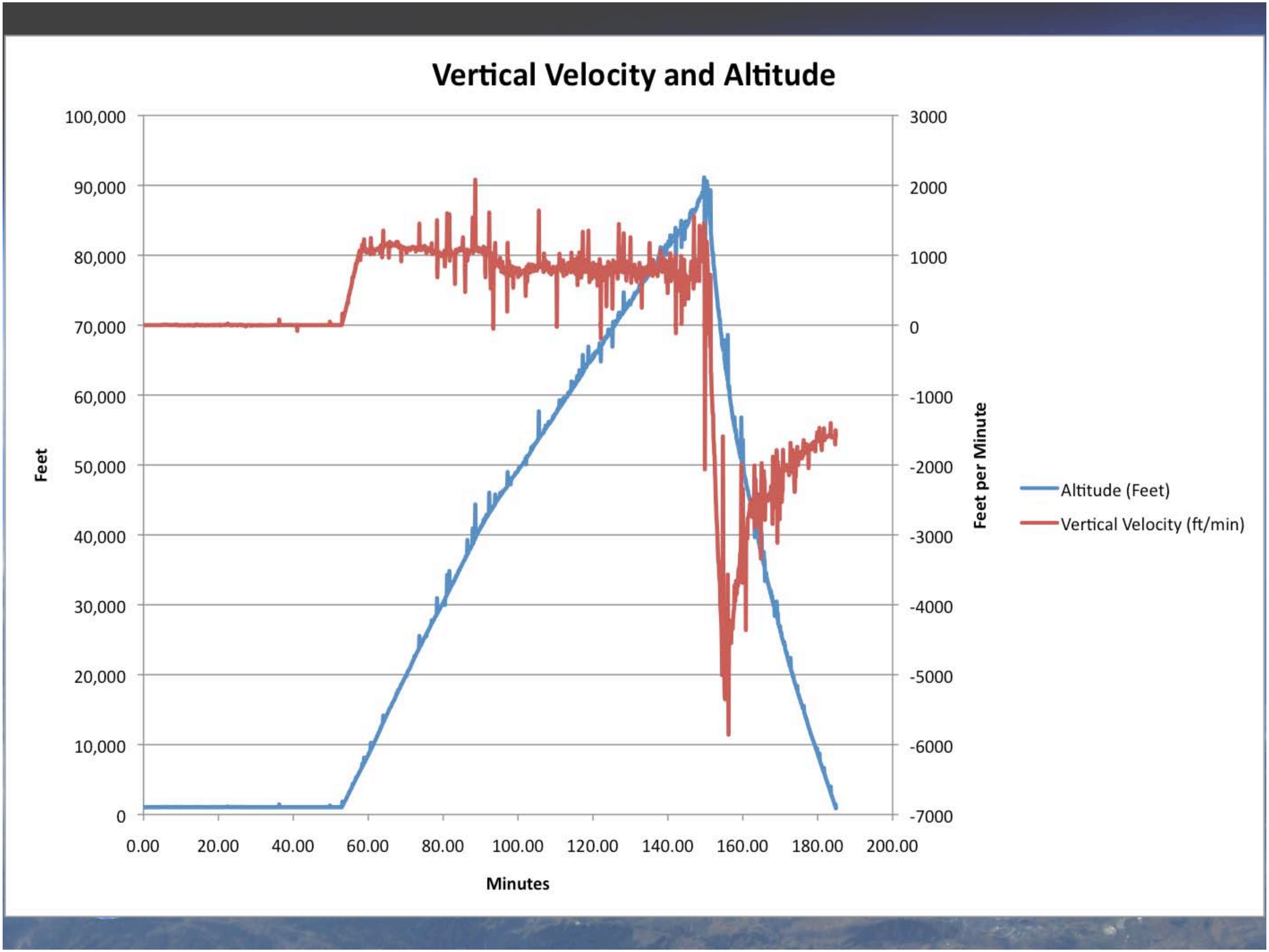
	A	B	E	G	H	I	J	K	L
1	Minutes	millis	time	Temperature (C)	Temperature (°F)	Humidity (%)	Barometric Pressur	Altitude (Feet)	Vertical Velocity (ft/min)
1805	180.88	10853000	11:50:42	9.34	49.06	22.91	77,489	7,232	-1651.551379
1806	180.98	10859000	11:50:48	9.78	49.66	21.13	77,816	7,122	-1708.235294
1807	181.08	10864999	11:50:54	10.14	50.29	19.08	78,350	6,942	-1788.172277
1808	181.18	10871000	11:51:0	10.38	50.79	17.01	78,963	6,736	-1659.440625
1809	181.28	10876999	11:51:6	10.47	51.12	15.35	79,436	6,579	-1647.197232
1810	181.38	10883000	11:51:12	10.8	51.57	20.66	79,945	6,410	-1636.810945
1811	181.48	10888999	11:51:18	11.11	51.94	33.52	80,388	6,264	-1635.161367
1812	181.58	10894999	11:51:24	11.32	52.52	40.9	80,734	6,150	-1650.524742
1813	181.68	10901000	11:51:30	11.59	52.84	45.77	79,149	6,674	-1476.11946
1814	181.78	10906999	11:51:36	11.8	53.28	49.45	81,599	5,867	-1611.903114
1815	181.88	10912999	11:51:42	11.6	52.93	52.45	82,129	5,695	-1645.1268
1816	181.98	10919000	11:51:48	12.08	53.83	54.62	82,614	5,539	-1610.449827
1817	182.08	10925000	11:51:54	12.26	54.07	55.32	83,141	5,370	-1614.602076
1818	182.18	10931000	11:52:0	12.67	54.81	55.39	83,720	5,185	-1604.215902
1819	182.28	10936998	11:52:6	12.62	54.84	55.02	84,216	5,027	-1603.4021
1820	182.38	10943000	11:52:12	12.81	55.11	54.95	84,746	4,859	-1598.610385
1821	182.48	10949000	11:52:18	13.04	55.65	54.82	85,214	4,712	-1598.195162
1822	182.58	10954999	11:52:24	13.3	56.01	54.41	85,706	4,558	-1600.489967
1823	182.68	10960999	11:52:30	13.52	56.3	53.88	86,188	4,407	-1586.153681
1824	182.78	10967000	11:52:36	13.7	56.79	53.31	86,735	4,238	-1585.121107
1825	182.88	10972999	11:52:42	14.08	57.49	52.72	87,225	4,086	-1582.00692
1826	182.98	10978999	11:52:48	14.64	58.41	51.87	87,682	3,946	-1577.024221
1827	183.08	10984999	11:52:54	14.86	58.82	50.81	88,113	3,814	-1568.102312
1828	183.18	10991000	11:53:0	15.46	59.92	49.72	88,710	3,632	-1571.211073
1829	183.28	10997000	11:53:6	15.71	60.4	48.91	89,290	3,456	-1586.366782
1830	183.38	11003000	11:53:12	15.98	60.8	48.91	89,860	3,284	-1584.290657
1831	183.48	11009000	11:53:19	16.31	61.41	48.51	87,462	4,013	-1400.968858
1832	183.58	11015000	11:53:24	16.8	62.37	47.98	90,997	2,944	-1594.878893
1833	183.68	11020999	11:53:30	17.09	62.92	47.1	91,604	2,763	-1605.67474
1834	183.78	11026999	11:53:36	17.56	63.77	46.16	92,093	2,619	-1603.811778
1835	183.88	11032998	11:53:42	17.77	64.06	45.38	92,578	2,476	-1602.981325
1836	183.98	11039000	11:53:48	18.3	65.03	44.67	92,997	2,353	-1590.934256
1837	184.08	11045000	11:53:54	18.78	65.88	43.68	93,520	2,200	-1591.349481
1838	184.18	11050999	11:54:0	19.28	66.7	42.68	94,213	1,999	-1599.867128
1839	184.28	11056999	11:54:6	19.61	67.39	41.77	94,752	1,843	-1595.703821
1840	184.38	11063000	11:54:12	20.14	68.45	41.1	95,314	1,682	-1594.048443
1841	184.48	11068999	11:54:18	20.71	69.4	39.79	95,745	1,558	-1590.316922
1842	184.58	11074999	11:54:24	21.23	70.34	38.3	96,500	1,343	-1608.788927
1843	184.68	11080999	11:54:30	21.72	71.24	37.12	96,863	1,240	-1705.95746
1844	184.78	11086999	11:54:36	22.32	72.25	36.22	96,104	1,456	-1504.152249
1845	184.88	11093000	11:54:42	22.62	72.84	35.09	98,112	889	-1584.705882
1846									
1847									
1848									

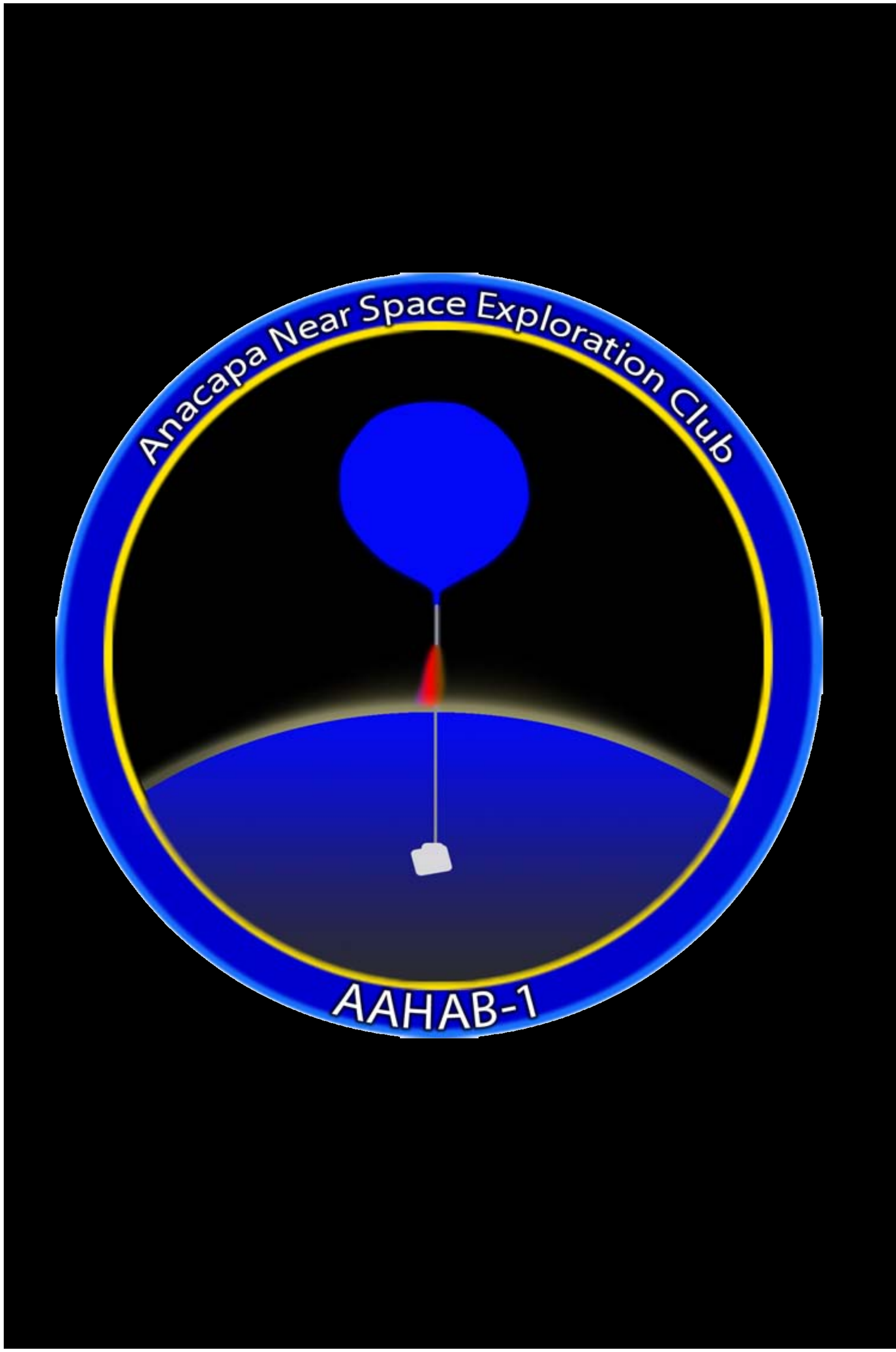

Barometric Pressure vs Time
120,000
100,000
80,000
60,000
40,000
20,000
0
Pascals
0.00
20.00
40.00
60.00
80.00
100.00
120.00
140.00
160.00
180.00
200.00
Minutes
Barometric Pressure (Pascals)


Barometric Altitude and Temperature
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
Altitude (Feet)
100
80
60
40
20
0
-20
-40
-60
Temperature (°F)
0.00
20.00
40.00
60.00
80.00
100.00
120.00
140.00
160.00
180.00
200.00
Minutes
91,122 ft
-40 °F
Altitude (Feet)
Temperature (°F)



Humidity and Altitude
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
Feet
90
80
70
60
50
40
30
20
10
0
-10
Percentage
0.00
20.00
40.00
60.00
80.00
100.00
120.00
140.00
160.00
180.00
200.00
Altitude (Feet)
Humidity (%)


Vertical Velocity and Altitude
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
Feet
3000
2000
1000
0
-1000
-2000
-3000
-4000
-5000
-6000
-7000
Feet per Minute
0.00
20.00
40.00
60.00
80.00
100.00
120.00
140.00
160.00
180.00
200.00
Minutes
Altitude (Feet)
Vertical Velocity (ft/min)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