

U.S. Dept. of Commerce / NMAO / NOAA / Aircraft Operations Center

Fit ID: 20110914N1	From: KMCF	To: KMCF
Fit. No: 11-084	Blk In: 1555 Z	Time On: 1549Z
ETD: 1015 Z	Blk Out: 1013 Z	Time Off: 1027Z
ETE: 5:00	Blk Time: (5.7) Hrs	Fit Time: (5.4) Hrs
Sponsoring Org: HRD	Program: PHX	Purpose: Global Hawk

AOC Flight Crew

Aircraft Commander: HAGAN	Data System: DEFE 0
Co-Pilot: TWINING / MOYERS	AVAPS: SMITH GREENE
Navigator: /	System Eng: /
Flight Eng: /	A A: /
Flight Director: HENNING / MORGAN	A A: /
Avionics: /	Crew Chief: /

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
+/o altim: 29.94	(1013.7 STA PRES)	SONDES 33 GOOD (NOT TRANSMITTED) (1 early launch detect but that is fixable)
landing: 29.98	(1015.0 STA PRES)	

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)

Recco Times

Fix # Fix Time

Storm Name: **NOAA9 WXXXA TRAIN**

Mission ID: _____

Penetration number and time

#GHAWK

#GHOC

NOAA • AOC • SED

N49RF AVAPS DROP LOG

Lead Tech: Gabe Defeo

Project : Hurricane 2011

Mission: GH AVAPS QUALFlight ID: 20110914NI

Take Off: _____

Landing: _____

Flt Dir: _____

R. Henning

Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Winds Time	Operator	Charge \$\$ To	Comments	Good ?
1	104 055 089	1	.8	11:14		JAS	HRD		✓
2	104 055 109	2	.7	11:18					✓
3	104 055 087	3	.4	11:24					✓
4	104 055 108	4	Ø	11:28				Early LA	✓
5	103 855 086	8		11:31					✓
6	102 535 209	7	.7	11:44					✓
7	104 055 091	1	.5	11:47					✓
8	103 515 015	2	Ø	11:51					✓
9	103 815 049	3	1.0	12:08				405.88 ^{EARLY} _{6.5}	✓
10	103 755 154	5	0.7	12:12				405.0	✓
11	103 855 076	1	0.8	12:16				400.86	✓
12	102 535 132	2	0.8	12:35				405.5	✓
13	103 855 074	1	0.9	12:38				400.86	✓
14	103 815 394	3	0.9	12:49				405.88	✓
15	103 855 073	4	0.9	12:53				405.0	✓
16	104 055 107	5	0.5	12:57				400.2	✓
17	104 055 065	1	Ø	13:08				400.86 ^{EARLY} _{6.5}	✓
18	104 055 092	2	0.6	13:11				405.5	✓
19	103 825 140	7	0.9	13:14				405.88	✓
20	103 845 071	3	0.7	13:43				405.0	✓
21	104 055 094	1	0.4	13:46				400.86	✓
22	104 055 113	2	0.5	13:49				405.5	✓
23	103 825 093	4	0.5	14:07				405.88	✓
24	103 825 086	1	1.0	14:10				400.86	✓
25	103 855 185	2	0.9	14:13				405.80	✓
26	103 855 188	3	0.9	14:27				405.5	✓
27	103 855 190	7	0.7	14:30				400.2 Q6	✓
28	103 515 063	4	0.4	14:34				400.86	✓
29	103 845 069	1	.8	14:47				405.0	✓
30	103 815 067	2	.7	14:50				405.88	✓
31	104 055 304	3	.4	14:52				400.2	✓ Q3
32	103 815 341	4	.5	15:06					✓
33	104 145 001	7	0.8	15:09				400.86	✓
34	103 845 082	1	0.9			NO DROP			

* PREFLIGHT CHECK OF CABIN PRESS SENSOR = CAL LAB STANDARD

405.5

405.88

405.00

402.04

400.2

400.86

N49RF AOC GPS Dropwindsonde Log

Flight ID: 20110914N1

Flight Director: HENNING/MORGAN

Mission ID: 9.114

Storm/Track: GLOBAL HAWK INTERCOMPARISON

Pg 1 of 1

Drop #	Drop #	Sonde ID	Drop Time (UTC)	Lat (°N)	Lon (°E)	Wx Cond.	L5/R5?	SFC Pts (mb)	Last Wind Alt (m)	Comments	Ch #	SatComm failures	KWBC #
1	P2	104055089	1114	26.4	83.7		R5	1013.3		Pattern #1	1		
2	P3	104055109	1116	26.4	83.2		R5	1012.9			2		
3	P5	104055087	1124	26.6	83.2		R5	1013.6		... PS	3		
4	P6	104055108	1126	26.6	83.5		R5	1013.0		Early launch Det	4		
5	P7	103855086	1131	26.6	84.2		R5	1013.6		PL	4		
6	P8	102535809	1144	26.4	84.1		L5	1013.2		P7	3		
7	P2	104055091	1147	26.4	83.7		R5	1013.4		P1	1		
8	P3	103515015	1151	26.4	83.2		R5	1013.8			2		
9	P5	103815049	1208	26.6	83.2		R5	1013.4			3		
10	P6	103755134	1212	26.6	83.7		L5	1013.9			1		
11	P7	103855076	1216	26.6	84.2		R5	1013.1			1		
12	P2	102535132	1235	26.4	83.7		R5	1013.5			2		
13	P3	103855074	1238	26.4	83.2		R5	1014.0			1		
14	P5	103815394	1249	26.6	83.2		R5	1014.1			3		
15	P6	103855073	1253	26.6	83.7		R5	1014.3			4		
16	P7	104055107	1257	26.6	84.2		L5	1014.1			1		
17	P1	104055065	1306	26.4	84.1		R5	1014.0			1		
18	P2	104055092	1311	26.4	83.7		R5	1013.2			2		
19	P3	103825140	1314	26.4	83.2		L5	1014.3			3		
20	Q5	103845071	1343	26.6	83.4		R5	1014.5		Pattern #2	3		
21	Q6	104055094	1346	26.6	83.8		R5	1013.7		↓	1		
22	Q7	104055113	1349	26.6	84.2		R5	1014.3			2		
23	Q1	103825093	1407	26.4	84.1		R5	1014.2			4		
24	Q2	103825086	1410	26.4	83.8		R5	1013.8			1		
25	Q3	103855145	1413	26.4	83.4		R5	1014.4			2		
26	Q5	103855148	1427	26.6	83.4		R5	1014.7			3		
27	Q6	103855190	1439	26.6	83.8		L5	1014.5			3		
28	Q7	103515063	1434	26.6	84.2		R5	1014.2			4		
29	Q1	103845069	1447	26.4	84.1		R5	1014.5			1		
30	Q2	103815067	1450	26.4	83.8		L5	1014.7			2		
31	Q3	104055304	1458	26.4	83.4		R5	1014.5			3		
32	Q5	103815341	1506	26.6	83.4		R5	1014.4			4		