

166.84.1.5

1308	31	35	75	42			
1439	31	35	75	42	980mb	31.6	75.7
						31.6	75.7
						31.9	76.1
						32.2	76.5
						32.7	76.7
						34.5	76.5
						37.5	74.5
						40.5	71.0

N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm Ophelia Dropwindsonde Scientists Duncan Abern Page 1 of 2

Flight ID 050911T Flight Director Mayraux Takeoff from MacDill at 1455Z UTC

Mission ID WX 16A Ophelia AVAPS Operators SAN SOUCL, TONG Recovery at MacDill at 2345 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
									(All UBLOX sondes except where noted)	
✓ 1	002615586	161630	30.347	77.086	NA	-	-	27.7°	Rev "D" sonde. RH heating cycles only one wind. very moist. telemetry lost near EOB	04
✓ 2	053116151	163324	31.219	76.080	991.4	280/41	4	23.0°	21 SW FMW	05
✓ 3	053116240	163534	31.341	75.960	994.0	275/36	6		24 SW FMW RH heating cycles	06
○ ✓ 4	053116153	163759	31.496	75.860	978.1	253/5	16		WL 150 205/05 some weak telemetry below 910 mb	07
✓ 5	053116070	164221	31.730	75.638	NO SFC	-	-		20 KT SW FMW NO SFC data Data lost below 853 mb	08
6	043 833 090	~1644	N/A	N/A	-	-	-	25.1°	NE eyewall No obs due to AVAPS operator terminating data stream before launch	X
✓ 7	010748110	170511	32.768	74.499	1012.0	110/35	4		NE turn in Rev "D" sonde	09
✓ 8	002525267	172049	32.835	75.499	1009.1	060/39	8		NO of ctr AOC drop (N) Rev "D" sonde WL 150 060/43	12
9	001915290	173531	32.737	77.352	1011.4	035/36	4	28.1°	WL 150 030/43	13
10	051946021	175621	31.611	76.194	-	-	-	-	HAPS connection to AVAPS lost - failed (sonde data okay)	X
11	043 845 244	180013	31.42	75.90	-	-	-	-	Eye Lost PTH telemetry and no winds 804-891 mb; RH heating cycles	-
12	044 535 060	180351	31.27	75.72	-	-	-	-	SE Eyewall RH heating cycles	-
13	044 535 118	180446	31.23	75.67	-	-	-	-	SE Eyewall RH heating cycles	-
14	010 715 214	182154	30.51	74.54	-	-	-	27.7°	Rev "D" sonde	-
15	044 415 106	190306	31.82	75.09	-	-	-	26.5°		-
16	051 926 268	194434	30.56	74.92	-	-	-	-	NO LAUNCH DETECT	-
17	051 926 257	194550	30.66	74.92	-	-	-	26.3°	RH heating cycles	-

N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm OPHELIA Dropwindsonde Scientists _____ Page 2 of 2

Flight ID 20090911I Flight Director _____ Takeoff from _____ at _____ UTC

Mission ID WX16A 0PHEHA AVAPS Operators _____ Recovery at _____ at _____ UTC

[illegible]