

0818 2844 7934
0949 2843 7934
1107 2839 7935

29.9 79.4
30.3 79.6
30.0 79.1

166,84.1.2
2005090800 - out048.dat

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

Storm Ophelia Dropwindsonde Scientists Aberton Page 1 of 1
Flight ID 050908I1 Flight Director Mayeux Takeoff from MacDill at 073435 UTC
Mission ID 0516A Ophelia AVAPS Operators Ting, San Souci Recovery at MacDill at 1317 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 #
1	012225095	080233	27.927	80.367	1006.4	-	-	-	no wind	5
2	002615579	080427	28.015	80.261	1006.0	26525 10			back up, blow wind possible -3.3mb p bias	7
3	002615565	081423	28.496	79.731	995.9	27556 10		eye wall SW	data after 9010, possible -2.8mb p bias	9
4	002615341	081849	28.743	79.547	987.5	06012 10		P40	possible -2.8mb p bias	11
5	002615581	082211	28.915	79.454	992.9	11050 583		eye wall NE	RH heating cycles, no winds possible -3.7mb p bias; below 929 mb	12
6	002615300	084727	29.979	78.184	1008.9	12033 898			RH heating cycles, no winds possible -2.8mb p bias; below 910 mb	19
7	002158072	092154	26.84	80.987	1009.2	03021 10			RH heating cycles possible -3.4mb p bias	22
8	002615507	094520	26.831	79.723	991.5	01516 10		eye wall NW	possible -3.6mb p bias	26
9	002615576	094818	28.706	79.577	988.6	04013 10		eye	possible -3.6mb p bias	27
10	003115475	095216	28.520	79.390	997.0	22050 584		eye wall SE	possible -4.1mb p bias; no winds below 933 mb	28
11	002525130	101626	27.538	78.178	1008.5	22021 10			possible -3.7mb p bias; RH heating cycles	35
12	002615509	103510	28.644	77.584	1006.3	18522 10			possible -4.5mb p bias	37
13	002525298	105552	28.69	79.07	—	—		eye wall E	no launch detected - no winds	
14	001915170	105707	28.687	79.155	999.7	15344 10		eye wall E	back up	41
15	002615301	110742	28.645	79.566	989.0	04007 10		eye	possible -3.4mb p bias	42
16	002525270	111319	28.644	79.984	999.0	33541 10		eye wall W	possible -3.9mb p bias	50
17	002615578	114809	26.978	79.797	1008.6	25024 10			possible -4.8mb p bias; late winds 88 S; RH heating cycles	51