

1148 29 16 79 05
1326 29 21 78 53 068/7-8 kt
050/10-11 kt
1709 29 42 78 36

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

Storm Ophelia Dropwindsonde Scientists Abramson Page 1 of 2
Flight ID 050909I1 Flight Director Mayeaux Takeoff from MacDill at 104300 UTC
Mission ID 0916A Ophelia AVAPS Operators Tong Recovery at MacDill at 1912 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 #
									(UBLOX sondes except where noted)	
1	002638073	111252	27.800	80.368	1009.5	26522 10			RH heating cycles; Rev "D" sonde	5
2	051926080	113540	28.533	79.339	999.5	29036 10	27.5	EW SW	possible -4.0mb pbias	11
3	051946027	114805	29.282	79.107	985.1	36021 10		eye	data after splash; possible -4.6mb pbias	12
4	044535101	115906	29.782	78.597	1000.8	11526 10	fail	EW NE	possible -4.2mb pbias	14
5	043625186	121714	30.308	77.445	1006.9	11517 10			possible -4.3mb pbias; RH heating cycles	19
6	002615331	123712	30.497	78.915	1005.0	03532 10			Late winds 57 S; Rev "D" sonde; possible -2.9mb pbias; RH heating cycles	21
7	051926070	125735	30.448	80.481	1008.4	03528 10			possible -3.9mb pbias	25
8	043625123	131738	29.797	79.230	1000.1	02542 10	28.0	EW NW	possible -3.0mb pbias	29
9	044535111	132622	29.345	78.892	984.2	18005 10		eye	possible -4.2mb pbias	30
10	051926313	132815	29.250	78.812	987.7	22047 10	fail	EW SE	possible -4.5mb pbias	35
11	051926256	133415	28.802	77.480	1007.8	21026 10			possible -4.8mb pbias; RH heating cycles	36
12	051926293	141127	28.396	77.530	1004.5	17032 10			possible -4.5mb pbias; RH heating cycles	40
13	051926073	142120	29.461	78.229	999.9	17550 10		eye 008 E	possible -4.2mb pbias; RH heating cycles	42
14	051926074	142815	29.479	78.722	986.2	23006 10		eye	possible -4.4mb pbias	44
15	051926075	144931	30.446	79.079	—	04552 467		RB	Weak/poor telemetry + spotty winds below possible -3.2mb pbias; 7100ft below 935mb 850mb	48
16	044535103	145819	29.893	79.399	1004.5	00543 38		RB	possible -4.0mb pbias; RH heating cycles	49
17	044535069	150433	29.455	79.544	1004	35052 132		RB	Weak telemetry near EOD; data after splash; possible -3.4mb pbias	53

data in comments for steps wrong!

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

Storm Ophelia Dropwindsonde Scientists Aberson Page 2 of 2
Flight ID 05090971 Flight Director _____ Takeoff from _____ at _____ UTC
Mission ID _____ AVAPS Operators _____ Recovery at _____ at _____ UTC

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