

Ophelia

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

Storm FD 26 Dropwindsonde Scientists M. Black Tad Darnach Page 1 of 2
Flight ID 0509067 Flight Director Tam Shepherd Takeoff from Mar Piv at 1630 UTC
Mission ID 0116A INVEST AVAPS Operators Mark Rogers Recovery at MacPelt at 1718 UTC

050911H
WV 6A
Ophelia

GPS 121

46-26.9

22.2°

W
24.9m/s

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	053170056	181150	28.95	78.45	—	—	—	Buoy	(All UBLOX sondes except as noted) No winds Rev "D" sonde	
2	053116239	183133	29.51	77.51	1011.6	240/25	5	RB	50nm SW, strong RH heating cycles Outer Rain band	05
3	053116091	185150	30.78	76.51	1003.0	240/43	5		50nm SW, strong RH heating cycles	07
4	051946084	190037	31.17	76.14	986.5	283/52	7	RB	SW Eyewall near inner	08
5	053116107	190519	31.38	75.92	976.7	102/6	7	24.7	Eye 24.7°C	09
6	053116102	191019	31.00	75.56	989.2	117/9	7	EW	NE wall,	11
7	053116160	191835	31.98	75.32	1020.2	121/12	7	RB	50nm NE	12
8	053116022	193129	32.20	75.87	1019.0	119/8	8	RB	50nm North	16
9	053116097	195000	31.96	76.58	1008.5	108/8	8	RB	50nm NE DLD 6.5; RH heating cycles	15
10	051946048	201035	31.69	75.54	1002.1	104/14	12	SE	BT in eye DLD 6.5; RH heating cycles	25
11	053116237	201654	30.18	75.23	1002.1	104/14	15	SE	Rev "D" sonde	26
12	053170067	203517	32.25	75.39	1010.0	110/10	15	RB	Rev "D" sonde	—
13	053116098	210057	32.67	75.48	1005.7	105/51	7	RB	Rev "D" sonde	27
14	053170072	211800	31.32	76.04	—	—	—		Rev "D" sonde	—
15	051946055	213501	32.25	76.08	1002.2	104/56	12	RB	Rev "D" sonde	36
16	053116101	214457	32.62	76.30	1007.6	104/44	4	RB	Rev "D" sonde	28
17	051946055	220400	31.78	76.80	1000.0	102/43	7	RB	50nm NE RH heating cycles	29

N40 2/12

Boots

41002

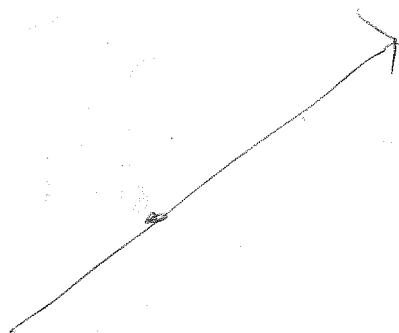
4K Rt

41009

41003

41010

6:40 PM



202

31.7

77.1

212

GBT's

WX16A Ophelia

1-recco

212
GTX