

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

Storm JUAN Dropwindsonde Scientists Paul Leighton Page 1 of 1
 Flight ID 104095H Flight Director J. Parrish Takeoff from MacDill at 1728 UTC
 Mission ID WX09AIVAN WAPS Operators Betty McRae Recovery at MacDill at 2424 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	040925226	180203	28.50	84.52				W Rainband	BT 1	12
2	040925233	184359	28.60	87.48				W	(64kt radius w/ buoy?) BT 3	
3	040925255	185315	28.26	87.94				W Eyewall (1)		
4	040925254	185406	28.23	87.98				" " (2)		
5	040925182	190615	28.31	88.36				NNW Eyewall	for track 330°	2
6	040925290	190650	28.34	88.38				NNW Eyewall	2nd " "	
7	040925214	190955	28.50	88.50				NNW Eyewall	BT 2	12
8	040925061	192115	28.50	88.51				NNW Eyewall	BT 14	3
9	040925253	192348	28.76	88.43				NNW Eyewall		
10	040925203	193800	28.06	88.51				WSW Eyewall	4th 260	4
11	040925281	193825	28.06	88.51				WSW Eyewall	2nd 260	
12	040925198	194820	28.00	89.01				SW Buoy on flight	4th BT (12)	
13	040925281	195550	27.51	88.81				SW Eyewall	BT 12	
14	040928204	200540	28.03	88.38				SW Eyewall	BT 14	6
15	040925207	201325	28.37	87.92				NNE Eyewall (1)		
16	040925286	201455	28.39	87.88				NNE Eyewall (2)		

279

20 09 2822 88.19

29 12 36
88/12,0

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

Storm IVAN Dropwindsonde Scientists P. Leighton Page 2 of 3
 Flight ID 1040915H Flight Director T. Parrish Takeoff from MacDill at 1728 UTC
 Mission ID 104094JUN AVAPS Operators Bobby McPeak Recovery at MacDill at 2424 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	hgt (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
17	040928279	202030	29.00	87.47					NE Cloud over pen Bay w/BT		
BT ONLY		202028	28.61	87.49					NE Eye Cloud		
18	034318048	203512	28.5	87.87					ENE Eyewall to the in 250		
19	041345072	203644	28.46	87.98					ENE Eyewall		
BT ONLY		204031	28.38	88.26					W/FIX		
20	040925304	204730	28.61	88.23					N Eyewall ① trk 0°		
21	040925215	204803	28.65	88.23					N Eyewall ② "		
22	040925216	205635	29.21	88.21					N Cloud		
23	040925288	211441	28.68	88.41					NNW Eyewall ① trk 150°		
24	034955003	211520	28.65	88.38					NNW ②		
25	041345051	211712	28.41	88.21					EYE w/BT (near) w/turn		
26	040925278	212418	28.54	87.84					NE Eyewall trk 45° ①		
27	040925282	212512	28.56	87.52.5 m					NE trk 45° ②		
28	040925287	214213	29.19	87.19					NE Eyewall		
29	041345049	215455	28.75	87.88					NE Eyewall trk 235° ①		
30	041345047	215635	28.78	87.95					NE Eye ②		
BT ONLY		215819	28.70	88.1					Inner Edge NE		

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929mb

223045 28.41 88.12

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

Page 3 of 3

Takeoff from Mar K. 11 at 1728 UTC

Recovery at MacDill at 2424 UTC

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