

13° 55' 68° 10'

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

Storm Dennis Dropwindsonde Scientist Rogers, Lodge Page 1 of 1
 Flight ID 050705I Flight Director M. Maycaux / T. SHEPHERD Takeoff from San Jose at 1700 UTC
 Mission ID WMO4A DENNIS AVAPS Operators B. OLNEY Recovery at " at 0146 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	040925059	203310	13.99	69.7					Sonde malfunctioned below 826 mb; RH heating cycles	—
✓ 2	040925272	203828	14.00	69.31	—	337/13.4	N/A	27.5	No data below 962 mb	33
✓ 3	042115180	204424	13.96	68.87	—	—	—		Weak/poor telemetry—did not transmit to sfc; no PTH below 957 mb; spotty winds only to 897 mb	43
✓ 4	042115146	205708	14.16	68.03	1004.4	178/10	8 m	Center	RH heating cycles	48
✓ 5	042115174	210058	14.13	67.77	1005.3	197/32	5 m		DLD 47 S; no winds above 800 mb; RH heating cycles	49
✓ 6	042115004	210727	14.13	67.29	1006.9	169/30	9 m			50
✓ 7	042115127	211410	14.12	66.90	1008.2	158/34	5		Weak/poor PTH telemetry 785–850 mb; only a couple of winds above 850 mb	51
✓ 8	042115177	211649	14.11	66.57	1010	180/21	10		DLD 41 S; late winds 70 S	52
✓ 9	042115145	213138	14.92	67.25	—	—	—		No data below 892 mb	53
✓ 10	042115147	214759	15.75	68.12	1008	80/22	10		RH heating cycles	54
✓ 11	042115171	215447	15.25	68.09	1007	105/24	10	28.5	RH heating cycles	55
✓ 12	042115173	215912	14.91	68.09	1006	90/26	10			56
✓ 13	042115162	220453	14.49	68.08	1005	115/14	10			57
✓ 14	042115175	221412	13.83	68.16	1007	220/27	10	F/L Center	PTH missing 705–967 mb; no winds above 970 mb	58
✓ 15	042115128	221603	13.78	68.16	1007	225/28	10	28.6		59
✓ 16	042115141	222310	13.21	68.16	1009	235/15	10		RH heating cycles	59
✓ 17	042115001	223035	12.67	68.15	1010	205/07	10		RH heating cycles	

28.5 SST BT
27.5 SST