

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

Storm ISIDORE Dropwindsonde "Scientists" Chris Landsea / Charlie Bled Page 1 of 1
 Flight ID 0209256 Flight Director Tom Shepad Takeoff from Dampier-NORH at 0403Z UTC
 Mission ID 2910A ISIDORE AVAPS Operators Rogers / McMillan Recovery at MACDILL at ~1300 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 #
	020215357									2.5 1.5 7.5 2.5	
1	020215357	044846Z	26.70	84.93	1009	110/19	5	28.3	no eyewall Rainband	28.3°C SST 30m MBD	38
2	022928023	051446Z	25.89	86.47	1005	135/32	100m	28.2	Rainband	30m MLD - winds > 35S - RH low? missing 80-100S	39
3	022928025	052841Z	25.46	87.26	1002	135/44	5	-	severe Clear	020215357	40
4	020615319	054131Z	25.03	88.00	998	135/41	7	28.2	stratiform	35 m MLD	41
5	022945174	060856Z	24.25	89.69	990	190/8	5	29.1	Center "eye"	Delayed launch detect 12S	45
6	020615030	071403Z	22.24	88.69	996	185/33	8	27.9	Rainband	45m MLD Delayed launch detect 3.5S { Retransmitted }	46
7	020615264	071615Z	22.84	88.52	995	170/48	4	-	eyewall Rainband wind max	(Point SF NR out) winds not 41 ~ 45S (Retransmitted)	47
8	022945173	073018Z	24.57	90.03	990	280/4	5	-	Center "eye"	Delayed launch detect 2.5S winds > 40S	48
9	011245237	081636Z	25.88	91.29	[couldn't process sonde - blew up at 28Z]					30 m MLD wind > 53S winds missing 75-95S	49
10	011245464	084338Z	25.94	89.59	994	120/32	8	28.7		23m MLD; No RH below 966mb; Delayed launch detect 11S	50
11	013635244	090804Z	25.96	88.07	998	135/29	7	-		missed AXBT info	37
12	013635093	092530Z								No launch detect - no winds	
13	013515036	092620Z	25.07	88.04	997	135/39	5	-		None	38
14	013635238 095404	095404Z	23.72	88.04	998	160/32	15	-	Dim Brs?	Delayed launch detect 7S 45 S tr 5 FWD RR	40
15	013635240	095845Z	23.50	88.04	990	155/48	7	24.9		40 m MLD	41
16	013635082	111104Z	25.36	90.31	990	5/4	11	-	Center "eye"		44
17	013635248	113232Z	26.87	90.32	996	01/22	7	28.7		45 m MLD	48