LT IS ON REVERSE SIDE 1443 23°

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

Storm ISABEL Dropwindsonde Scientists LEIGHTON/GAMACHE Page 1 of 2

Flight ID 0309/8H1 Flight Director FLAHERTY Takeoff from MACDILL at 12045 UTC

Mission ID NOAA2 WX13A ISABEL AVAPS Operators RODGERS Recovery at _____ at _____ UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (~~kt~~ m/s)	hgt (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	02412500 7	141905	33 45	7527	~~977.6~~	230/35	~~207~~	-	Eyewall S	Eyewall S	8
2	02412501 0	142155	33°39'	75°20'	973	235/50	210		Eyewall S	Eyewall S	12
3	~~023555110~~	142320	~~33.94°~~	~~75.38°~~	969	200/34	5		Eyewall S		13
4	023555108	143918	34.91	75.61'					Eyewall N	Near coast No winds	—
5	~~024125082~~ ~~023555086~~	144034	35.00	75.61°					Eyewall N	" "	15
6	023555011	~~144353~~ ~~145150~~	35.18	75.58	976	73/32	~~7~~		Eyewall N	" " 23°C night mud	16
7	02355 5016	144614	35.06	75.57					Eyewall N	" "	17
8	023555 104	150418	34.28	76.50	968	~~307~~/36	20		Eyewall W		19
9	023555012	150455	34.25	76.54	970	301/31	—		Eyewall W		20
10	023555120	150711	34.17	76.70	975	294/39	—		Eyewall W		21
11	023555105	151819	34.21	76.52	971	291/28	4		Eyewall W	W	23
12	023555017	153190	34.72	76.28	963	038/21			~~Eye~~		26
13	023555013	154814	35.03	75.42	967	101/43	4		Eyewall NE	BT	27
14	023555112	154955	35.10	75.33	973	104/38	5		Eyewall NE		28
15	023555119	160600	34.90	75.63	961.4				Eyewall NE	NOT SENT GTS PROBS	—
16	024125207	161935	34.20°	75.83°	967	227/27	31		Eyewall S		35
17	024125212	162010	34.17	75.83	970.0	226/29	3		Eyewall S		36
18	023555103	162955	34.24	75.85	971	~~[illegible]~~	~~[illegible]~~		Eyewall S		39

ISABEL 030918H

#	ID	TIME	LAT	LON	SFC PRESS	WIND DIR	WIND SP	HT	BT	EYE	COMMENT	OB
19	024125182	~~163855~~ 163641	34.31	75.75	971	220	38	9	27.8	EW SE		39
20	024125204	164947	34.50	75.68	967	195	~~35~~ 34	3		EW SE		41
21	024125011	170613	35.11	75.57	972	135	43	127		EW E		43
22	024125181	~~170552~~ 170704	35.14	75.57	971	133	39	25		EW E		45
23	024125206	172535	36.23°	75.67°	988	—	—	—		RB NE		46
24	024125287	172947	36.33	75.45	990	86	31	7		RB NE		48
25	023555107	173444	36.45	75.16	994	95	28	—	20.8*	RB NE		49
26	023555111	173930	36.57	74.87	996.5	103	26.6	29		RB NE		50
27	023555100	183524	34.13	-76.44	975	242	30	41		RB S shoreline		52
28	024125179	184925	35.0	-77.0	968.8	—	—	32		Newbery shipping channel		54
29	024125185	191126	35.3	-76.0	971	—	—	53		pimlico sound		—
30	024125209	192711	34.9	-76.2	978	201	21.7	23		Beach (Dirt)	pt 4 Dow	59
31	024125227	193749	34.6	-76.8	979	—	—	—			pt 6?	—