

19980830I1-DROPS

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm

Danielle

Flight ID

980830I

Mission ID

Dropsonde Scientist(s)

LANDSEA

AVAPS Operator(s)

DC (Dale)

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Takeoff 1933 UTC

Landing UTC

SST 8L Surface

Surface
TA

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	TD (°C)	WDWS (kt)	Comments	Prc ?	Xmt ?	
1	973730035	20:36:30	27°34'	75°44'	1008		28.6	29kt	29kt	Clear air	✓	010	27.7
2	981040009	20:48:30	27°38'	74°55'	1001		—	26kt	42	Clear	✓	014	26.8
3	982430114	20:55:52	27°39'	74°22'	994		26.9	64	46	Outer Eyewall - west	✓	016	25.2
4	982430171	20:57:22	27°39'	74°15'	990		—	60	56	Inner Eyewall - west	✓	022	25.2
5	982430158	21:04:20	27°39'	73°41'	992		Drop Died	66	54	Weak Eyewall - East	✓	024	25.0
6	982430116	21:12:18	27°39'	73°07'	1004		25.1	56	42	Clear	✓	026	25.5
7	982430164	21:28:10	27°45'	72°07'	1010		—	44	35	Clear	✓	028	26.7
8	982010118	22:00:20	29°22'	74°10'	1010		—	35	31	Clear	✓	046	26.9
9	982010117	22:11:40	28°36'	74°09'	1005		27.0	46	35	Rainband?	✓	48	25.7
10	982430054	22:20:04	28°04'	74°09'	993		—	—	61	Outer Eyewall - North	✓	51	24.8
11	982430145	22:20:50	28°00'	74°09'	990		—	70	60/59	Inner Eyewall - North	✓	56	25.2
12	982430155	22:24:24	27°47'	74°09'	984		—	3	3	Eye	✓	036	26.0
13	982430160	22:27:36	27°33'	74°09'	990		26.8	64	250/47	Weak Eyewall - South	✓	58	25.8
14	981950048	22:36:03	26°59'	74°09'	1004		26.4	36	255/32	Day slot	✓	60	26.0
15	982430111	22:47:35	26°16'	74°13'	1009		—	25	225/25	—	✓	61	24.9
16	982010114	23:09:25	26°37'	75°29'	1010		—	28	295/23	—	✓	63	28.0
17	981950046	23:23:25	27°16'	74°43'	1005		27.6	37	300/30	Strato Rain —	✓	65	26.9
18	982010122	23:31:00	27°37'	74°20'	990		26.6	70	275/47	Outer Eyewall - SW	✓	66	25.7

~~21002 2741 7401 985 7017~~

0208 2805 7418

Note: "Inner" and "Outer" Eyewall refer to the inner + outer EDGE of the eyewall. No double eyewall present.

Missing parts

(Revised 7/98)

Flight ID _____

Dropsonde Scientist(s) _____

AVAPS Operator(s) _____

Takeoff _____ UTC

Landing _____ UTC

Notes: Sondes quite good — one failure
+ 2 dropouts — 26 perfect —

0 7419 83 54P

