

19980829 IL DROPS

NOAA42	2044	25 44	70 52	NOAA42	2219	25 45	71 05
NOAA43	2043	25 41	70 53	NOAA42	2257	25 51	71 12
NOAA43	2118	25 42	71 00	NOAA43	2301	25 57	71 13
NOAA42	2120	Didn't hear		NOAA43	2334	25 49	71 18
NOAA42	2150	25 42	71 06	NOAA43	0115	25 57	71 30
				AF	0112	25 57	71 30
				AF	0145	26 04	71 33

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm Danielle
 Flight ID 980899I
 Mission ID WXA4A DANIELLE

Dropsonde Scientist(s) Sim Aberson, Chris Landsea
 AVAPS Operator(s) Dale Carpenter

Page 1 of
 Takeoff ~1800 UTC
 Landing ~0400 UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Surface Press (mb)	Loc	SS T (°C)	MBL (°C)	Surface WS (kt)	Comments	Prc ?	Xmt ?
1	973410158	20:08:44	23° 17.7	72° 11.3	1006	SSW IN	SST=22.2	14	12		✓	21
2	982430165	20:12:38	23° 34.9	72° 2.0	1010			18	17		✓	23
3	981950064	20:18:36	24° 0.1	71° 48.6	1010		SST=27.1	24	21		✓	25
4	982430085	20:25:00	24° 27.5	71° 33.9	1009			25	20		✓	26
5	981950042	20:29:15	24° 46.7	71° 23.5	1009	rainband	SST=27.4	23	19	low-level windmax	✓	29
6	982430163	20:54:26	26° 26.3	70° 29.1	1006	endpoint of (turn)		43	38		✓	33
7	981950045	21:09:02	26° 0.4	71° 39.9	1004	rainband	27.0 from air-plane	42	39		✓	35
8	981040048	21:18:17	25° 39.4	70° 58.4	990	eye(wall)		47	40	missed eye	✓	37
9	981950055	21:31:06	25° 8.7	70° 4.4	1008	out south rainband	SST=27.6	34	30		✓	48
10	973730059	21:38:55	24° 38.1	70° 0.1	1009			28	24		✓	50
11	982010017	21:46:24	24° 6.2	69° 56.2	1011		SST=27.2	23	16		✓	51
12	982010127	21:53:13	23° 35.2	69° 53.2	1012			17	15	(small) discontinuity in vrel not flagged	✓	53
13	981950060	21:59:49	23° 13.4	69° 43.0	1012	TURN	no mixed layer SST=25.7	13	12		✓	55
14	981950047	22:31:00	25° 44.3	68° 33.6	1012	TURN IN to W	SST=28.3	31	26		✓	56
15	981950063	22:36:42	25° 41.7	69° 5.2	1012			36	24		✓	58
16	981950062	22:43:33	25° 45.2	69° 42.9	—		SST=20	—	—	strange below ~785mb		NO
17	981030105	22:47:35	25° 45.7	70° 5.0	1009			41	35		✓	60
18	981950069	22:51:44	25° 46.0	70° 25.6	1006	rainband	22.5 to 25.6 SST=20.2	47	38		✓	69

26.3

ASDL reboot 2221

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm Danielle
Flight ID 980829I
Mission ID WX04A Danielle

Dropsonde Scientist(s) Landsea, Aberson
AVAPS Operator(s) Carpenter

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Takeoff UTC
Landing UTC

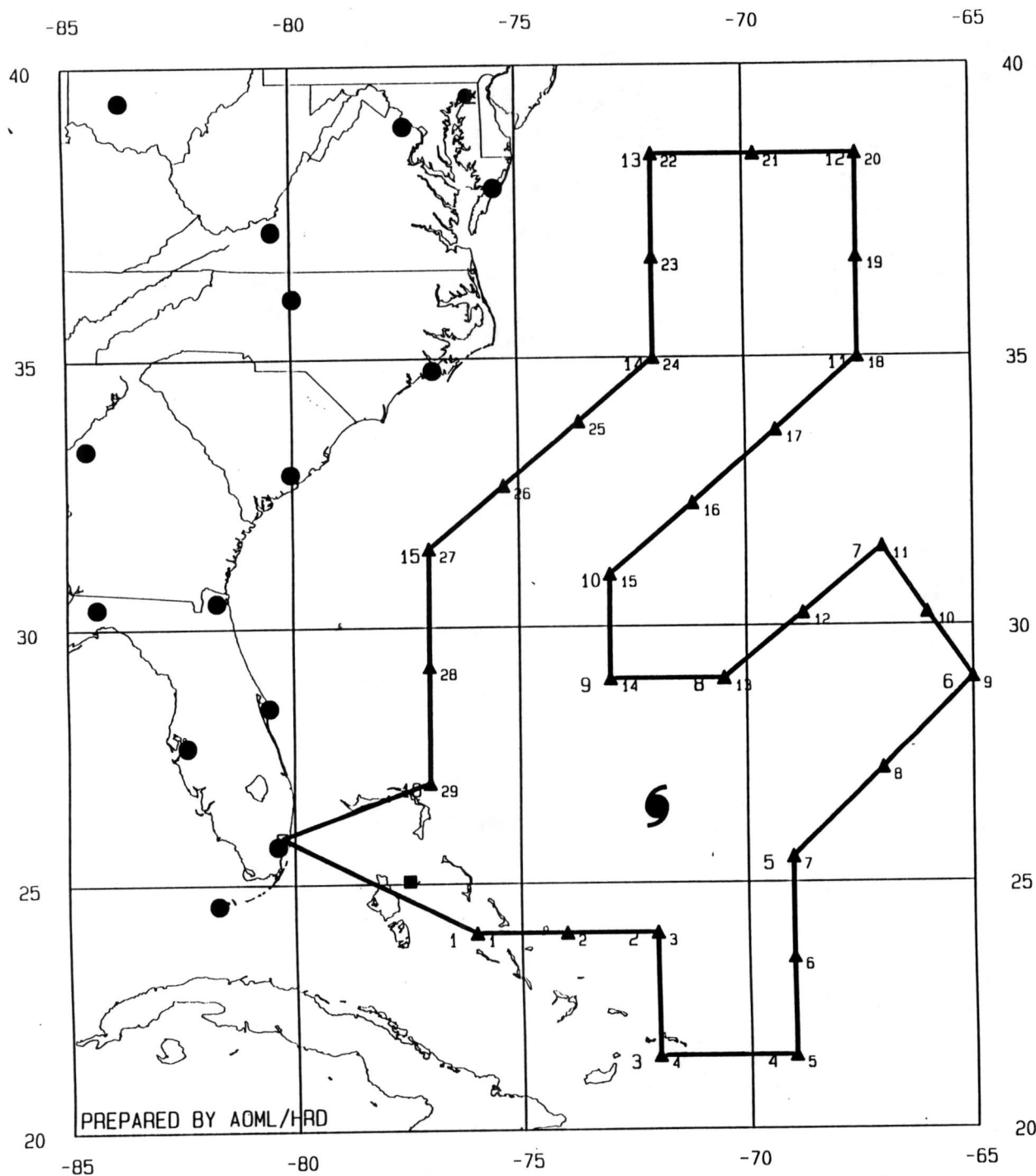
Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	FB (°/kt)	WB/WS (kt)	Comments	Prc ?	Xmt ?
19	981950067	23:12:33	25° 39.0	72° 3.6	1005	rainband		43	—	pressure bias 3.1 mb	✓	70
20	981950041	23:24:43	25° 6.3	71° 13.4	1006	rainband		29	25	pressure bias -4.6 mb	✓	72
21	981950050	23:44:16	26° 39.6	71° 14.2	1006	NE outband	SST=26.2	46	34		✓	85
22	981030067	23:53:17	27° 11.5	70° 47.7	1010			37	28		✓	89
23	981040043	23:57:30	27° 28.6	70° 34.3	1012		SST=28.2	37	28		✓	91
24	981040006	00:05:58	27° 59.4	70° 6.0	1013			28	24		✓	93
25	973250075	00:11:37	28° 19.8	69° 58.1	1013	turn	SST=28.5	27	17		✓	94
26	973320001	00:43:16	28° 7.9	73° 1.6	1014	inbound	SST=26.2	30	—	inflow at low levels	✓	97
27	973250108	00:48:26	27° 45.2	72° 48.0	1012			31	20	inflow at low levels	✓	99
28	982010041	00:54:15	27° 19.7	72° 32.3	1011		SST=26.8	39	27	inflow at low levels	✓	103
29	973320007	01:00:36	26° 51.7	72° 15.2	1008			36	33	inflow at low levels, intermittent data	✓	105
30	982430166	01:04:56	26° 33.3	72° 3.8	1006			44	38		✓	106
31	982010105	01:26:39	25° 19.5	70° 54.8		rainband turn		—	—	intermittent data	✓	108
32	981950072	01:40:21	26° 23.9	70° 47.9	1007	rainband turn		51	—	intermittent wind data	✓	117
33	982430076	01:50:17	26° 1.6	71° 31.0	990	eye (missed)		56	—		✓	110
34	981950052	02:02:12	25° 36.4	72° 23.7		outband leg		49	—	intermittent wind data	✓	113
35	981040007	02:08:40	25° 41.2	72° 56.0	1007			42	26		✓	119
36	9810400402	02:15:48	25° 47.1	73° 30.5	1010		SST=26.0	31	28	BT failed -	✓	122

restart and
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Dropsonde Scientist(s) _____
 AVAPS Operator(s) _____

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Takeoff _____ UTC
Landing _____ UTC

[illegible]



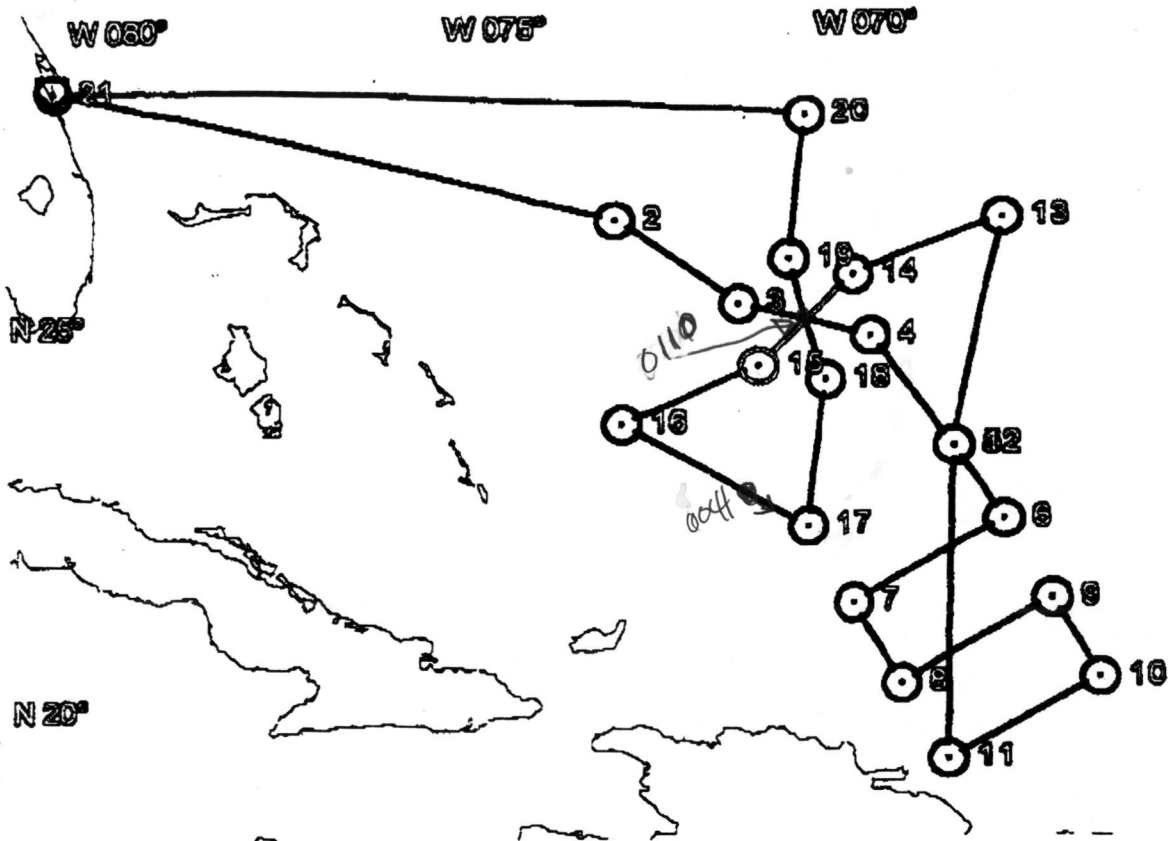
FLIGHT TRACKS DANIELLE

980829np.ftk

RAWINSONDES 9807

- Regular
- 12Z only
- 00Z only
- Infrequent
- Infrequent - 00Z
- Infrequent - 12Z

▲ DROP LOCATIONS



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