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HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm DENNIS Flight Director JACK PARRISH
 Flight ID 990829N Dropwindsonde Scientists GOLDENBERG/DORST
 Mission ID NOAA 2205A AVAPS Operators PRADAS/Smith
DENNIS

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 Takeoff 17⁴³ UTC
 Landing 02³⁰ UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	BT SST (°C)	Location Comment	Comments	Ob #
✓ 01	984325398	180523	28.48	84.09	1010.4	32505	32506		NE GULF	Clear	✓ 01
✓ 02	992435006	182403	28.50	86.50	1011.1	32009	32009			Clear	✓ 02
✓ 03	994715089	184338	28.23	88.93	1012.0	—	34023		W GULF	NEAR IS towers	✓ 03
✓ 04	984325164	190241	26.06	88.90	1011.8	07003	01502			40% convective	✓ 04
✓ 05	984715146	191927	25.99	86.49	1010.5	34006	33506			10%	✓ 05
✓ 06	984325159	193925	25.0	83.99	1010.7	29008	30010		STRAITS of FL	clear lots of noise in winds but still okay	✓ 06
✓ 07	984715103	201244	23.51	79.79	1011.1	170/18	165/15			30% + mid-level haze	✓ 07
✓ 08	984325462	202824	23.50	78.00	1010.7	210/11	215/13		BAHAMAS	75%	✓ 08
✓ 09	984325229	204351	23.50	76.03	1012.0	180/14	185/14			MID LEVEL Ac	✓ 09
✓ 10	984715105	210417	23.58	73.55	1013.0	165/11	165/12			10% CU	✓ 10
✓ 11	984715144	211905	25.45	73.58	1012.7	165/15	175/17			10% CU	✓ 11
✓ 12	984715138	213515	25.50	75.80	1011.3	195/14	200/17			80% AS 20% CU	✓ 12
✓ 13	984325537	214946	25.51	77.80	1010.4	235/14	230/17			CLEAR	✓ 13
✓ 14	984325235	220403	26.98	77.00	1009.0	205/16	220/22			5%	✓ 14
✓ 15	984325156	221812	28.470	75.95	1009.0	190/29	200/31		SE of G1	CLEAR RH2 USED	✓ 15
✓ 16	984715087	223626	28.499	73.50	1012.3	195/20	190/23			10% CU	✓ 16
✓ 17	984715279	225450	28.50	70.99	1014.3	175/15	180/16				✓ 17
✓ 18	984325457	231254	28.58	68.55	1016.0	195/11	195/11			10% CU	✓ 18

SATCOM FAILS

34 30 72 29/2241Z 31.39 78.13
 3430 70 965

X?

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Storm DENNIS Flight Director Jack Parnitz
 Flight ID 990829n Dropwindsonde Scientists Goldenberg/Doerflinger
 Mission ID NOAA 2605A DENNIS AVAPS Operators Carla Pralar/Jeff Smith

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 Takeoff 1743 UTC
 Landing 02³⁰ UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	BT SST (°C)	Location Comment	Comments	Ob #
✓ 19	984715088	233712	31.45	68.59	1016.1	20508	20009		E of G	80% Cu	✓ 19
✓ 20	984325165	23542	31.50	70.99	1014.4	17016	18022		E of G	Dark - winds started 20 sec	✓ 20
✓ 21	984325231	001300	31.50	72.50	1010.7	15524	16529))	✓ 21
✓ 22	984325158	003031	31.58	75.88	1000.8	16053	16560) (CPA)	early missl winds RH 2	✓ 22
✓ 23	984325160	004301	33.86	75.00						No Launch Detect	✗
✓ 23A	984325163	004407	33.12	74.91	1006.8	13028	14038		NE of G		✓ 23
✓ 24	984325542	005623	34.44	73.79	1010.4		15020			winds at 120 sec	✓ 24
✓ 24A	984715143	005803	34.50	73.72						No winds	✗
✓ 25	992435224	011356	34.56	71.27	1013.4	16015	17015				✓ 25
✓ 26	992435023	013843	37.53	70.02	1012.6	23514	23515			LAST REPORT (was position 27)	✓ 26

#26 skipped