

XCDX 150 mile legs

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm Dennis

Flight Director Barry Damiano

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Flight ID 990827E

Dropwindsonde Scientists M. Black, P. Dodge, J. Garricho

Takeoff 1740 UTC

Mission ID WXWXA Dennis

AVAPS Operators Richard McNamara

Landing      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 #
✓ 1	98471525	181851	31.17	67.14	1017.2	10	9	-	Pry	1092 low ch	09
✓ 2	991435072	190500	28°50'	69°45'	1011.1				Dry		16
✓ 3	991218042	193352	28°19'	72°17'	1008.4				Dry	70% relative humidity	
✓ 3a	991435031	193952	28 11	72.54	1011.4	11	22		Pry	backup.	090
✓ 4	991435065	195726	27 47	71 20	1009.7	30	32		cloud top 150m NE of str		25
✓ 5	985035191	200500	24.40	74.90		27	32	15T	75mi	In middle of rainband	27
✓ 6	990415134	201242	27 0'	75 15'	1008.4		48			125 mi south	29
✓ 7	991037090	202413							Fast Fall	NE eyewall	7
✓ 8	991435030	205048					15			eye drop	31
✓ 9	991435064	204846							Fast Fall	no wind	
✓ 9a	991435012	205036							Backup	75 miles SW near Nassau	
✓ 10	991435037	210615								150 SW of Andree Island	38
✓ 11	991435033	213003								180 miles south pt low	43
✓ 12	991435003	214711								no launch detect no winds	45
✓ 13	99155010	215016	24 58	70 1		35	40			70 mile south	46
✓ 14	991435085	220848								no winds	47
✓ 15	991435061	220932								North eyewall	54
✓ 16	991435063	222046								75 miles north	56

BT  
2205

KCDX

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Flight ID 990827I

Dropwindsonde Scientists M. Black, Podya

Takeoff          UTC

Mission ID WXW & R Ronda

AVAPS Operators         

Landing          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 #
✓ 17	991435010	223101								<del>No data</del>	
✓ 17a	991435062	224104	28°25'	76°25'			22			150 mi north	58
✓ 18	991435008	230051				20	22			150 mi north	61
✓ 19	991435026	231652				40	47			25 mi northwest	64
✓ 20	991535119	235306								western eye wall	70
✓ 21	991435111	235353				55	52			western eye wall	72
✓ 22	991435115	000531								eastern eye wall	73
✓ 22	991435076	000554				55	56			eastern eye wall	75
✓ 24	991035025	001123								SE eye wall	82
✓ 25	991435124	002445								25 mi SE rain band	79
✓ 26	991035171	003851					39			138 mi SE of eye	81
✓ 27	991515008	005350					42			135 mi E of eye	86
✓ 28	991035009	010719							rain band	75 miles east of eye	80
✓ 29	991515162	012012				50	72			east eye wall	83
✓ 29	991435113	014232								25 mi west	71
✓ 30	991515013	020022								150 mi west near MIA	-

33 sondes