

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm FLOYD

Flight Director DAMIANO

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Flight ID 990914I

Dropwindsonde Scientists LANDSEA / BLACK

Takeoff 18455 UTC

Mission ID 2008A FLOYD

AVAPS Operators McNAMARA / DALE CARPENTER

Landing 032230 UTC

ye wall

SFMR
or

Sent

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 #	ID #
1	983720810	143450	26°58'	77°10'	958	-	-	95	N Eye wall	(COR) - No winds below 800mb	1	14
2	983720778	143501	26°57'	77°10'	957	45/71	51/107	100	N Eye wall	100	2	17
3	983620731	144233	26°24'	77°6'	932	-	-	-	E Eye	(COR) - No winds	3	23
4	983620760	144427	26°34'	76°33'	956	23/91	240/106	82	S Eye wall	(COR) - No winds	-	5
4	983620760	144918	25°55'	77°7'	956	23/91	240/106	82	S Eye wall	(COR) - No winds	-	Not sent or processed
5	983720775	144927	25°55'	77°7'	956	23/91	240/106	87	S Eye wall	Good winds	4	27
6	983710189	202022	26°34'	76°33'	-	-	-	90	E Eye wall	NO WINDS	-	Not sent or processed
7	983620743	202059	26°34'	76°35'	-	-	-	95	E Eye wall	NO WINDS	-	Not sent or processed
8	983620661	202912	26°34'	77°16'	932	-	-	30?	EYE	NO WINDS	-	Not sent or processed
9	983620678	203449	26°34'	77°43'	-	-	-	90	W Eye wall	NO WINDS	-	Not sent or processed
10	983620574	203755	-	-	-	-	-	85	W Eye wall	NO (anem detect)	-	Not sent or processed
11	984325501	210447	24°11'	78°59'	993	140/31	245/41	25	-	Good winds / PTH	6	38
12	985035055	212001	23°30'	79°28'	998	165/25	275/31	<20	-	Good winds / PTH	7	41
13	985035055	214350	23°25'	77°7'	998	235/33	235/34	<20	10% Cu	Good winds / PTH	8	49
14	985035114	220725	23.26	74.84	1001	175/21	180/37	<20	30% Cu	Good winds / PTH	9	52
15	985035105	223240	23.6	72.29	1006	145/21	155/25	<20	10% Cu	Good winds / PTH	10	55
16	985158013	225043	24°20'	71°21'	1007	140/21	150/30	-	Clear	Good winds / PTH	11	59

985158013

20292 26°34' 77°15' AF Fix

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 Flight ID 990914I Dropwindsonde Scientists LANDSEA/BLACK Takeoff 181455 UTC
 Mission ID 2008A FLOYD AVAPS Operators McNAMARA/CARPENTER Landing UTC

Transmitter

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 #	ID #
✓ 17	983310106	230820	25°30'	70°30'	1008	135/23	130/31	-	Dark	Good PTH/winds	12	61
✓ 18	984325182	233227	25°32'	72°46'	1004		140/43	-	"	"	13	64
✓ 19	985035112	235559	25°30'	74°44'	998	-	185/35	-	"	"No aircraft data in AVAPS - crashed data system"	14	72
	GA6302	-51	TA	-6-9	TD	464	-1	Pre	202 44	→ Added manually		
✓ 20	985035309	002452	27°55'	74°23'	999	120/41	-	-	Very Dark	but Stratiform - lost winds 260-470s	15	73
✓ 21	985035054	005844	29°6'	71°29'	1010	130/24	130/35	-	Dark, but clear	Partial slow fall data 210s	16	74
✓ 22	984325412	012630	27°55'	74°23'	1010	114/26	115/33	-	Dark, but clear	NO aircraft data	17	74
BT 23	983710024	014906	30°30'	72°20'	1006	40/37	120/44	27.3	Dark	with stratiform Spotty winds	18	77
BT 24	983620593	021735	28°24'	77°30'	994	80/40	-	27.9	Dark	SEMR 55 RE Rainband	19	10
BT 25	984325549	022021	28°54'	78°27'	-	42/60	-	BAD	Dark	SEMR 55 Not processed		
BT 26	983310162	024605	28°32'	80°9'	-	26/60	-	BAD	Dark	SEMR 60 Not processed		

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