

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm Floyd

Flight Director Parrish

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Flight ID 990913N

Dropwindsonde Scientists Goldenberg, Kaplan

Takeoff 1726 UTC

Mission ID 1708A FLOYD

AVAPS Operators Guleskin, Hornbrook, Smith

Landing _____ UTC

990913N1 - DROPS

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	991515151	175450	25.58	77.51	1007.2	01027	09528		W of 6	59% Drop time changed to 1801*	01 (B)
02	990845150	180845	27.26	77.00	1008.5	03023	03528		NW of 6	109% sent at 1831	02
03	990845154	182244	28.93	76.37	1010.4	04525	04526		NW of 6	209%	03
04	990838036	184300	28.00	74.00	1006.7	05535	06037		N of 6	in CDO pendulum slow fall in middle	04
05	990845190	190613	27.22	71.21	1005.7	10535	10045		NE of 6	CDO some drop off of wings RH adj	05
05A	990415074	191138	27.77	71.57	1006.5	09529	09538		NE of 6	CDO RH2 used	06
06	990415070	192411	29.17	72.53	1009.1	08525	08534		N of 6	CDO RH adj.	07
07	99048004	194114	31.01	73.91	1012.3	07023	07024		N of 6	15% RH2	08
08	990415044	195713	32.41	72.04	1015.0	08015	08519			20% RH2	09
09	990415075	202121	30.00	70.16						circled + 20% BAD WINDS	09
09A	983620540	202305	29.83	70.03	1012.1	10022	10027			"	10
10	985145015	204553	27.50	68.33	1009.9	12027	11532		NE of 6	outer CDO	11
11	985145011	211002	24.98	66.51	1010.2	12526	13028			100% low	12
12	984325030	212358	23.25	66.49	1009.8	13527	13530			100% low Adj lower RH (600-700)	13
13	984325458	213712	21.57	66.44	1008.8	13017	14019			100% RH2 used	14
14	983620720	215619	21.57	64.05	1010.1	10517	12017		outer bank ESE of 6	100% RH2 used	15
15	985145014	221605	23.75	64.00	1012.2	12013	12015			90% (closed Cu) RH2 used	16
16	985145004	223611	26.00	64.01			11515			20%	17

original kept sent
reverse order
copy file

TEMP may be 10 ft

15 150

170

Col. 4:2-6, I ths. 5:18

17X
15/2X

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Storm FLOYD

Flight Director Parnish

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Dropwindsonde Scientists Kaplan & Goldenberg

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Mission ID 1708A FLOYD

AVAPS Operators J. Smith, A. Goldstein, C. Hornbrook

Landing _____ UTC

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17	990415120	225811	28.00	65.50	1013		20/19			~30% DATA GAP FROM ~450	18
18	985145013	231952	30.01	67.01						-60mb	19
19	984325528	234135			NO T		Process rd			Fast fall evincing data	X
19A	990845006	234244	✓								20
20	990415071	000245	✓				10/14				21
21	984325269	002226	○								22
22	990415062	003859									23
23	984715093	005735									24
24	984325155	011636									25
25	983410119	013442								FAST FAIL	X
26A	990415056	013618					06517			LAST REPORT	✓

SATOM Failures

*HAPS Rebooted at 0000 due to 'nads' failure *