

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm Invest

Flight Director Damiano

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Flight ID 991003h

Dropwindsonde Scientists Kaplan, Dorst

Takeoff UTC

Mission ID 06xxa surveillance

AVAPS Operators Goldstein, Smith & Carpenter

Landing UTC

237 E476
T1H 700-770

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 #	Proc	SATI Fail
1	991018037	175100	28.00	85.02	1016		130/14			100% mid level	1	✓	1
2	990415091	180543	28.00	86.86	1017		120/18			60% mid level cloud	2	✓	
3	990415305	182034	27.99	88.62	1016		120/16			IN CLOUD	3	✓	
4	990935210	183515	27.99	90.41	1015		120/12			IN CLOUD	4	✓	
5	990935219	184945	28.01	92.21	1015		090/19			20% low cloud	5	✓	
6	990415200	190408	28.00	94.00	1014		065/21			30% low cloud	6	✓	
7	990435479	192244	28.94	96.00	1013		045/19			50% low cloud	7	✓	
8	990415374	193951	24.98	96.50	1011		040/18			40% low cloud	8	✓	1
9	991515169	195720	22.96	96.98	1010	360/21	360/21			20% low cloud	9	✓	
10	991515175	201031	21.49	96.49	1008	-	-			30% low mid level haze (800 mb winds > 20kts)	10	✓	
11	990415361	202344	20.007	96.99	1008	315/31	320/34			IN CLOUD	11	✓	
12	990935038	204131	18.54	94.44	-	-	-			IN CLOUD (NO PTH, WINDS below 800mb)	12	✓	
13	990935212	205535	19.60	92.04	1004	-	195/6			20% low 20% mid	13	✓	
14	990935152	211047	19.63	91.24	1005	190/9	190/9			10% low	14	✓	
15	991515209	212437	20.46	92.78	1004	125/3	120/3			80% high	16	✓	
16	991515198	213441	20.09	93.98	1000	-	340/19			30% mid 40% low	15	✓	
17	990935040	214647	21.50	94.49	1000?		020/20			20% mid	17	✓	
18	990935213	215945	23.00	94.98	1008		040/21			10% low	18	✓	

14X 993645231 211059 19.65 91.25

Prototype Revision C Sonde (winds failed before oploch) - -

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 Flight ID 991003N Dropwindsonde Scientists Kaplan, Forst Takeoff UTC
 Mission ID 06XX9 Surveillance AVAPS Operators Goldschtein, Smith & Carpenter 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 #	Proc	SAF PA
19	9915192	22:1217	24.90	94.49	1008		X			20% mid	19	✓	
20	990845059	222436	25.48	93.40	1011		06/25			50% low cloud	20	✓	1
21	990935037	223728	25.99	92.14	1011		X			90% mid 50% low	21	✓	
22	991515193	225057	26.00	90.87	1012		110/28			IN CLOUD	22	✓	
23	991515155	230354	25.42	88.55	1013		105/26			100% high clouds	23	✓	
24	990435476	232140	23.84	88.50	1011		110/29				24	✓	
25	990935039	233945	24.85	88.42	?		125/20				25	✓	
26	990845146	235429	24.9	86.61			110/23				26	✓	11
27	990415371	000810	23.47	86.39							27	✓	
28	984325481	002225	23.50	84.46							28	✓	
29	984325108	003714	23.54	82.52	1015		105/19				29	✓	
30	990935217	005415			1016						30	✓	
31	990935211	011017	25.98	84.30	1016		095/22				31	✓	
32	990435475	012611	25.51	86.17	1016		95/26				32	✓	
33	990415092	014035	26.79	84.52	1014	21	21				33	✓	
		LAST	REP	ORT	?								
23X	993645228	231332	24.84	88.58						Prototype Revision C Sonde	-	-	

LAST REPORT! 2355 5146
 HAVE SEAN call (AB)