

19991002N1-DROPS

600-77

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm Invest Flight Director Damiano Page 1 of 2
 Flight ID 991002N Dropwindsonde Scientists Kaplan, Dorst Takeoff 1736 UTC
 Mission ID 03xx9 Surveillance AVAPS Operators Smith, Goldstein, Carpenter Landing 0235 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	SATCOM failures
1	990415186	181333	27.00	86.03	1015		105/17			70% cloud cover below plane AVAPS had to reset sonde	1	✓	
1X	990415187	181333	27.00	86.01						AS Sonde			
2	990215018	183349	27.00	88.53	1014		085/15			Prototype Revision C Sonde 50% cloud cover below plane	2	✓	
3	990415227	185345	27.00	91.00	1014		080/17			10% cloud cover below plane Bad sonde	3	✓	
4	990845145	191328	26.92	93.48						30% low cu + middle level haze NO WINDS NOT SENT	X	X	X
4A	992455458	191437	26.80	93.53	1013		110/15			" "	4	✓	
5	992455451	193548	24.40	94.09	1011		085/14			30% cloud below plane	5	✓	
6	992455336	195930	21.53	95.11	1010		830/12			40% cloud below plane	6	✓	1
7	992455341	202220	19.25	96.10	1009		360/22			In cloud	7	✓	
8	992455371	205359	15.50	96.15	1007		255/15			80% mid level cloud	8	✓	
9	992538008	211313	15.0	93.99	1006		290/14			In cloud, 30% mid level 50% low level	9	✓	
10	992455297	214957	13.37	90.66	1005		X			80% mid level	10	✓	
* 11	992615045	220531	14.33	92.36	1007		235/15			100% cloud below ALC ^{Had to reset link AVAPS}	11	✓	
12	992645041	224639	19.00	92.74	1008	-	-	-		30% low cloud & haze	12	✓	
13	992538005	230814	21.5	91.88	1007	45/19	45/22			30% mid level	13	✓	11
14	992455301	232938	23.96	90.91	1009	-	70/27			50% wind level	14	✓	
15	992455457	235159	23.95	88.01	1011	-	115/29			NIGHTFALL	15	✓	1
15X	992455458	235159	23.95	88.01						Prototype Revision C Sonde			
16	992518774	001223	22.00	86.63	1007	-	-			NIGHT	16	✓	
17	992538004	003303	20.00	85.30	1008		110/26			"	17	✓	

