

999115N1-DROPS

(81)

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm Lehny Flight Director Damiano
 Flight ID 991115N Dropwindsonde Scientists Goldenberg, Kaplan
 Mission ID 0715A Lehny AVAPS Operators Carlos, Dan, Sean, Prades, Lino, McMillan

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 Takeoff 173730 UTC
 Landing 0156 UTC

Dunn - Star

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 #	Processed	SATCOM Failures
01	992455327	182417	23.52	78.91	1009.5	—	06509			No clouds Time → 210020	01	✓	1
02	991435025	184144	23.50	76.33	1008.3	35513	35513			20% low clouds Time → 2101	02	✓	
03	991435024	185920	23.50	73.67	1007.0	00508	01009			~20% low clouds Time → 2101	03	✓	
04	991435023	191642	23.41	71.03	1006.3	03006	03506		winds X thru 73sec	30% low clouds (started as early winds bad - test fall)	04	✓	1
05	991435024	193815	21.05	71.07	1005.0	11012	10514			80% low clouds. Delayed launch detect - 5.0 (210)	05	✓	
06	992515738	200302	20.75	73.80	1004.8	20m	06018		N of S	30% low (210)	06	✓	Bug
07	992455313	201645	19.34	73.89	1002.8	44m	01519		CPA N of S	100% high (210)	07	✓	
08	991435004	203708	19.30	76.39	1003.1	62m	02522		NW of S	10% low clouds (210)	08	✓	
09	990435420	205836	19.19	78.97	1006.2	36023	00523		WNW of S	50% low	09	✓	
10	991435018	211424	17.87	78.79	1005.1	00527	00531		W of S	100% low	10	✓	
11	991435020	213128	15.43	78.99	1004.7	34021	34523		W of S	50% low	11	✓	
12	992525858	214757	13.53	78.87	X	X	X		SW of S	in cloud (did not reach SFC)	12	✓	1
13	991835110	221739	13.75	75.32	1002.9	29527	29530		SE of S	in cloud	13	✓	
14	990415005	224628	13.46	71.66	1003.0	22530	22535		SE of S	Dark but in turbulence	14	✓	III
15	990435510	231622	13.60	68.03	1005.2	13006	0006		SE of S	Dark.	15	✓	
16	990415203	233703	16.0	68.0	1005.6	X	04504		E of S	NO WINDS FOR TC 1205	16	✓	III
16a	991435046	233809	X	X	X	X	X		X	NO Launch detected (NOT PROCESSED)	X	X	X
16b	990935166	234046	16.43	68.0	1005.8	02003	02003		E of S	Dark	17	✓	II

HAPS system rebooted at 1857 (left mouse button malfunction)

HAPS system rebooted at ~2200 (AVAPS system was rebooted & afterward HAPS window did not function properly on HAPS)

Note: Be careful switching FLD time to 2100 when sonde is near that time!

Bob Maxson
Bob McMillan

