

N49RF HRD GPS Dropwindsonde Scientist Log (Revised 9/2000)

Storm T011 Flight Director Damiano Page 1 of 2
 Flight ID 0009140 Dropwindsonde Scientists Kaplan Takeoff 17 UTC
 Mission ID 0511A Cyclone AVAPS Operators _____ Landing _____ UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	Location Comment	Comments	Process	SatComm Failures	Stat
1	990415316	182337	22.92	78.83	1012.5	040/04	050/04	310/04	no clouds	✓		1
2	993655086	184507	21.76	76.26	1013.3	300/05	300/06	320/06	80% stratocum	✓		2
3	990415094	190722	20.43	78.6	1012.6	225/05	215/04	330/06	30% low-level cloud	✓		3
4	993655083	191737	19.52	74.55	1012.7	225/04	235/04	345/05	100% mid-level cloud	✓		4
5	974940055	194552	19.51	78.00	1010.7	fast fast		PTH 5000 ft winds	100% mid-level cloud but some ^{not} seen	✗	✗	✗
5a	993645258	194734	19.56	78.19	1011.8	115/11	120/12	000/04	100% cloud just below ALC	✓		5
6	991845142	200817	20.33	80.54	1012.6	000/13	175/12	145/07	late winds in cirrus, 100% undercast	✓		6
7	984728062	202947	21.95	82.06					bad pressure in ramp	✗	✗	✗
7a	99105195	203148	21.095	83.37	1011.8	✗	105/15	175/15	FW high cloud	✓	1	7
8	993645260	204807	19.80	85.02	1008.7	120/13	160/10	195/14	FW high cloud	✓		8
9	993645253	210906	19.04	87.53	1007.5	165/10	155/07	040/07	cloud just below ALC	✓	1	9
10	990415225	214031	20.98	91.01	1009.0	010/13	360/14	010/02	stuck in chute for ~ 4 sec	✓		10
11	993655093	220437	21.06	93.99	1009.6	060/07	050/11	040/07	0-85 S. wind head	✓	1	11
12	993655166	221805	22.499	94.76	1010.6	✗	✗	040/06	20% low cloud (PTH 9900 ft - 2620 ft) SW	✓	1	12
13	990936256	223218	24.038	95.43	1010.8	070/13	070/12	065/05	10% low cloud starts high - low	✓	1	13
14	993645002	225119	25.47	93.92	1011.7	✗	060/12	040/05	10% low cloud w/	✓	1	14
15	990415223	231033	22.70	92.44	1012.3	✗	✗	290/05!	no winds below 5500 ft	✓		15

or ±

01 sent

05 sent

✗

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Storm TD11 Flight Director Damiano Page 2 of 2
 Flight ID 000914h Dropwindsonde Scientists Kaplan Takeoff 17 UTC
 Mission ID 0511A cyclone AVAPS Operators Prades, Hill, Smith Landing _____ UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	Location Comment DLM wind (kt)	Comments	<input checked="" type="checkbox"/> Processed	SatComm Failures	Site
16	993655007	233206	27.61	89.62	1011.6	X	015/05	355/04	10% low cu	✓	1	16
17	990935049	235019	25.86	91.00	1011.8	045/11	050/10	045/05	10% low cu Puffy w/ls 0-4000'	✓	1	17
18	991037049	000908	24.03	92.31	1011.0	051/15	050/16	050/07	slow fall	✓	1	18
19	993655072	003044	24.05	89.47	1010.1	040/17	045/18	080/05	used 2.0m/s CP Filter w/eff	✓		19
20	984715096	004908	25.87	87.41	1011.8	045/11	045/18	020/00		✓		20
21	991845213	010718	27.62	86.48					FAST FALL	X	X	X
21A	991435040	011052	27.23	86.21	1013.0	X	040/09	265/04		✓	1	21
22	985035158	013125	25.13	84.84	1012.5	135/06	125/07	170/05		✓	1	22
			LAST REPORT (095110 14)									

LAST REPORT

06/11