

N49RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm_Dennis_____ Dropwindsonde Scientists_Aberson_____ Page __1__ of __2__

Flight ID_050707N_____ Flight Director_Damiano_____ Takeoff from _MacDill_____ at _1802_ UTC

Mission ID_0504A DENNIS AVAPS Operators_Kerr, Tong_____ Recovery at _MacDill_____ at _0210_ UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	hgt (m)	DLM wind (kt)	Comments	SATCOM tries	Ob #
1	43845129	184616	25.2	78.31	1014.3	7621	7.4	9520	Cu congestus		1
2	44245103	190902	23.01	79.18	1011.4	9610	7.3	9021	Lots of nearby Cb, cirrus, possible -2.3 mb p bias		2
3	43625086	192000	22.6	77.82	1010.6	8731	13.1	9525	Cirrus, slight dry bias, possible -2.3 mb p bias		3
4	43625113	193504	21.79	76.26	1009.9	10225	4.2	10527	Cirrus above, Scu below, possible -2.6 mb p bias		4
5	43625120	195304	24.01	75.9	1013.3				Dusty, no winds, possible -2.2 mb p bias		5
5A	43625075	195445	24.08	75.7	1013.7	9623	7.4	11021	dusty		6
6	43625008	200813	24.5	74	1015	10021	7.8	12018	Cirrus above, Scu below, slight dry bias	1	7
7	43625025	202347	25	72	1009.3	10417	7.3	13510	Cirrus above, Scu below		8
8	43625065	203844	24.88	70.02	1017	14506	35.1	14506	20% Cu, possible -2.2 mb p bias		9
9	43845205	205404	23	69.99	1016.6	12917	6.9	14510	Scu below, cirrus above		10
10	44245111	211106	21.1	69.23	1016	10621	7.2	14014	Cirrus, late winds		11
11	43525125	214020	23	72.04	1015.2	10719	4.2	14017	Cirrus, late launch detect		12
12	43625121	215603	22.94	73.94	1014	10119	3.8	13522	Cirrus, possible -2.2 mb p bias		13
13	43625114	221226	21	74	1012.4	13825	7.2	14534	Cirrus, possible -2.4 mb p bias		14
14	43625060	223626	19.54	75.61	1007.6	12733	4	15548	Cirrus		15
15	43625091	225427	17.98	74.31	1010.5	12727	289.6	18031	Cirrus possible -2.6 mb p bias		16
16	43845206	231014	18.01	76.18	1005.1	16535	11	21036	cirrus		17

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Flight ID _____ Flight Director _____ Takeoff from _____ at _____ UTC

Mission ID	AVAPS Operators	Recovery at	at	UTC
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