

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

Storm ISI DORE Dropwindsonde Scientists Sean White, Pay-Liam Lin Page 1 of 2
 Flight ID 020918N Flight Director Pau / FLAHERTY Takeoff from MACDILL at 020918
 Mission ID NONA 90910A ISI DORE AVAPS Operators DAVE BROGAN/DALE CARPENTER Recovery at MACDILL at 1730 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	003338113	181214	24.99	79.00	1012.5	085/10	5	140/07	5% Cu, 10% Ac little Ci and Cb	11 sat	①
✓ 2	003338081	183055	22.83	78.15	1011.8	100/18	5	110/13	less than 5% Cu little Cb ^{400 mb - 600 mb}	1111	②
✓ 3	003338056	184203	23.12	79.50	1010.7	090/14	4	110/12	thin Ci Some Cu Cb	radiant	③
✓ 4	013968034	185422	23.50	81.01	1011.4	080/10	7	130/09	Clear Surrounding by thick Ci, some Cb		④
✓ 5	992525907	191237	23.45	83.32	1010.9	060/13	5	100/07	Scatter Ac Cu less than 10% ^{→ thick cloud}	radiant	⑤
✓ 6	984925070	193228	21.94	85.16	1009.9	035/12	5	125/06	less than 10% Cu Some Cb far away; No winds 866-983 mb		⑥
✓ 7	013915038	195355	20.12	83.44	1009.0	035/09	4	060/06	10% Cu	1	⑦
✓ 8	993925280	201153	21.90	82.05	1009.7	340/18	8	090/07	Clear left hand side 20% Cu, Cb	radiant	⑧
✓ 9	013718059	202939	21.11	79.99	1008.8	090/14	8	085/14	thin Ci 80% Ac		⑨
✓ 10	993655165	204922	20.17	78.07	850 mb	143/36	—	120/29	thick Ci Overcast turbulent; noisy signal		⑩
✓ 11	984325375	210717	17.95	79.02	1007.3	178/10	7	250/14	in cloud overcast thick Ci		⑪
✓ 12	993215056	212346	N/A	N/A					No launch detect - Telemetry failed		⑫
✓ 12a	013718056	212524	15.89	79.92	1008.2	180/04	5	251/08	thick Ci; PTH Flakey 810-960 mb; Winds spotty 792-963 mb		⑫
✓ 13	013968035	214054	15.05	81.52	1007.9	320/10	8	320/03	thick Ci		⑬
✓ 14	013718060	215831	16.09	83.52	1008.0	—	8	355/02	thin Ci Scatter Cu		⑭
✓ 15	003475010	221328	16.10	85.51	—	—	7	345/09	Clear Surround by Cu, Ac		⑮
✓ 16	991018035	222845	16.27	87.32	—	—	8		thin high Ci		⑯
✓ 17a	990845199	224148	17.35	86.17	1009	—	6	335/07	scat Cu	111	⑰
✓ 17	993925300	224100	N/A	N/A					No launch detect - Telemetry failed		⑰

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Flight ID 020918u Flight Director _____ Takeoff from _____ at 020918 UTC

Mission ID	AVAPS Operators	Recovery at	at	UTC
10000900A	ISIDORE			1730

[illegible]