



N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)



Storm Invest AL93 Dropwindsonde Scientists K. Valde Page 1 of

Flight ID 070921h Flight Director P. Flaherty Takeoff from Mackin at 125442 UTC

Mission ID 0511A Invest AVAPS Operators B. Olney Recovery at Mackin at 221842 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	053716343	132742	27.29	-84.32	1011.3	12.7	28.1		Fast Fall	
1A	054626246	132957	27.44	-84.27	1011.3	12.7	7.2		COMBO - BACK UP SEND. Set FH level + TD MISSING	005
2	054556388	141807	24.59	85.57	1006.5	7/25	10.1	X	COMBO - RH=100%? AC flagged all RH	009
3	053716111	145515	28.95	-84.03	1009.8	183/25	7	28.1	COMBO - NE CORNER - TD @ FH w/ set to MISSING	012
4	053716115	150919	28.26	-84.46	1010.5	209/37	28.7		ocean winds	015
5	054536384	151630	27.92	-84.68	1070.9	206/25	10.1			016
6	053716223	163547	29.08	-85.98	1008.2	255/8	6.9	28		023
7	054556328	173013	29.66	-86.02	1006.2	357/12		28	center drop #. change in wd 1000.2 @ 1000 high altitude (Fix)	028
8	054556386	181207	29.11	-87.29	1009.3	357/12	7.3			033
9	053716110	183813	29.14	-87.29	1009.4	328/10	7.5			036
10	053716117	184942	29.18	-87.28	—	—	—	—	Fast Fall, no launch detect	038
11	063019049	185240	29.30	-87.27	1008.3	7/21	6.8		delayed launch detect.	040
12	054536330	203131	29.98	-86.32	1004.3	4/17	7.3		center drop # (Fix)	

29.57 86.18