

20
122-235, 78.3Pre-flight + descent rammer
Start without time

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

Storm RIETA Dropwindsonde Scientists Goldenberg (+ Hamilton (WFMo) talk) Page 1 of 2
Flight ID 050920n1 Flight Director Jack Pennick Takeoff from MacDill at 060034 UTC
Mission ID 0918A AVAPS Operators John Hill, Jim Rolles, Jim Barr Recovery at MacDill at 13525 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	Processed	SATCOM tries	Ob #
01	000715168	061803	26.35	82.14	1013.3	32°/23	5	065/30	GPS signal noisy at mid-levels Dark removed Late winds 41S Had data (5503 prior to launch)	✓		01 rhv
02	000715173	064936	27.00	77.99	1013.0	74°/27	8	095/27	dk	✓	1	02 rhv
03	000715300	070357	26.95	76.02	1013.8	95°/21	7	110/21	dk	✓		03 rhx
04	011838040	072054	25.05	75.08	1012.0	119°/25	7	130/24	dk; Late winds 78 S	✓		04 rhv
05	011378158	073743	23.98	76.94	1008.7	127°/25	5	150/35	DK ~ 80 m. from 350m	✓	11	05 rhv
06	011378170	075555	21.85	76.55	1009.8	144°/19	8	170/20	DK	✓		06 rhv
07	011378169	081103	22.90	75.05	1011.2	120°/21	5	155/19	DK	✓		07 rhx
08	011345123	082904	21.00	74.00	1010.9	103°/16	8	155/14	DI "sonde not terminated"	✓		08 rhx
09	011345124	085554	19.60	75.98	1010.1	151°/16	454	180/13	DK; telemetry weak/poor below 965mb no winds below 960 mb	✓		09 rhx
10	011345104	092056	20.49	79.06	1009.8	165°/14	5	225/09	DK	✓		10 rhv
11	000715292	092836	20.51	80.04	1008.2	246°/06	4	265/06	DK	✓		11 rhv
12	011378172	094342	18.98	79.11	1009.7	207°/08	5	225/07	gap in winds - 885-762 mb	✓	1111	12 rhx
13	011378205	100013	18.05	81.06	1009.7	270°/02	8	255/05	needed to removed ~4203 of data dk - file edit. See (01) processed (2)	✓		13 rhx
14	011838037	101634	19.02	82.91					Late winds 67S; 105+ winds after 350mb	✓		14 RHV
14A	011378162	102249	19.69	82.60	1009.3	360°/08	8	005/04	dk	✓		14 RHV
15	000715083	103144	20.62	82.12				035/14	Winds X 17-25; no heights terminated early ~490m accidentally by AVAPS operators on channel 15	✓		15 rhx
16	011838043	104341	21.33	83.55	1009.8	347°/16	14	035/09	Some GPS signal noise (Finkel)	✓		16 rhv

→ (Sonde 1) had ~520 extra data at start
edited file to remove most records before LRU time

