



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

Storm Gamma Dropwindsonde Scientist M. Black Page 1 of 1
Flight ID 054119N Flight Director Paul Flaherty Takeoff from Med. II at 1804 UTC
Mission ID 0527A Gamma AVAPS Operators Dave Brogan/Roy Tong Recovery at Med. II at 0145 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 #
1	051926141	185320	26.0	87.0	1015.8	61/17	5	230/22	(RH heating cycles except as noted)	✓		1
2	042215052	191315	24.75	88.5	1015.6	34/14	4	235/21	50% low cu, Dry 550-750 mb	✓	1	2
3	044535030	193012	23.6	-90.0	1016.4	28/12	6	233/20	10% low cu, Dry to 700 mb	✓	1	3
4	044535128	194316	24.97	91.03	1017.9	20/10	7	240/26	Very clear Dry to 5	✓		4
5	053416343	195916	24.94	92.96	1017.3	43/18	21	240/24	UBlox sonde Dry in layers Very clear 400-900 mb	✓		5
6	044535046	201738	23.00	93.50	1016.8	29/10	4	240/22	10% low cu, Dry 911	✓		6
7	044535027	203600	21.01	94.02	1015.5	34/12	6	245/16	Clear, Dry 911	✓		7
8	051926138	205638	19.53	95.88	1005.1	337/8	7	240/16	Clear, Dry above 700 mb	✓		8
9	044135103	212615	19.18	92.59	1014.0	02/8	4	235/12	Cirrus, Dry above 800 Stratus below	✓		10
10	044135045	213934	20.0	90.75	1013.6	356/19	4	235/13	Dry, some low stratus	✓		11
9	033415267	211255	18.45	94.09	1014.5	359/8	7	235/12	Dry to 800 mb, clear	✓		9
12	053316010	215326	21.75	91.03	1015.2	00/16	7	230/15	Dry to 700 mb	✓		12
13	044535081	220758	21.70	89.00	1014.0	47/10	7	230/13	Cirrus (late launch) edit file	✓	1	13
14	044535035	223151	20.85	86.54	1012.9	62/14	7	230/4	Thick Cirrus, Dry above 500	✓	1	14
15	044535093	224651	19.75	85.07	1011.4	90/10	7	155/10	Thick Cirrus (NORAD)	✓		15
16	044535028	230247	18.00	84.52	—	76/27	—	155/10	Thick cirrus - 500-750 mb	✓		16
17	053316134	232047	16.18	85.40	1009.7	323/21	4	300/14	CPA to center (just se) Dry to 750 mb intermittent winds	✓		17

Turbulence!
in convection

051926138

