



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

Storm KATRINA

Dropwindsonde Scientist's Valde

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Flight ID 050828n2

Flight Director FLAHERTY

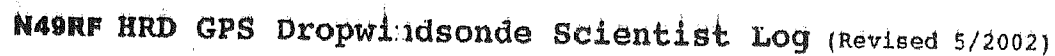
Takeoff from MACALL at 171344 UTC

Mission ID 1912A

AVAPS Operators CROPPER / DRG / GREGAN

Recovery at MACALL at 001228 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	DLM wind (kt)	Comments	Processed	SATCOM tries	Ob #
1	051926272	174049	28.19	85.10	1005.1	125/31 4.1	145/42	drop 1; drop 6 a lake bed, to rough altitude stratocum/cum. late winds (64k)	✓	1-S	1
2	044415069	175338	28.48	86.86	1001.0	101/39 4.5	125/57	incirrus, late winds (80s), spotty winds @ end RH blast - 130-230s	✓	S	2
3	051926278	180630	29.57	88.38	1002.7	68/31 7.0	105/39	incirrus Good sonde	✓	S	3
4	051926122	182108	29.11	90.41	1001.6	43/29 4.3	75/34	cirrus, rh switching, spotty @ beginning, 270-300s flag winds 82-83, 121-124k	✓	S	4
5	051926222	183147	28.47	91.73	—	29/37 —	50/24	thin cirrus, stratocum, weak tele. rh switching spotty data @ 210-300s end, RH data before end, set heights missing	✓	S	5
6	043835002	184734	27.93	93.85	1004.0	19/17 4.4	25/11	rh switching, late winds 64s	✓	S	6
7	044415126	190318	26.68	92.40	1000.2	35/23 8.3	5/24	incirrus, rh switching	✓	S	7
8	051926303	192027	25.06	93.04	1002.4	340/21 4.6	340/12	strat cum, rh switching	✓	S	8
9	011245389	193706	24.91	91.73	998.7	309/23 7.7	325/24	incirrus, rh switching	✓	S	9
10	011245379	195041	23.84	90.87	998.2	261/31 7.3	280/26	incirrus, Good sonde	✓	1-S	10
11	011245390	200420	22.94	91.93	1001.1	297/17 7.7	295/11	Good sonde	✓	S	11
12	011245348	202731	20.40	90.74	1003.2	237/12 7.7	260/10	incirrus, rh switching, spotty winds wind gap 410-480s, 480-670s	✓	III-S	12
13	011245349	204913	21.99	88.99	1001.8	215/21 7.8	235/16	incirrus, rh switching, spotty winds beg - 210s wind gap 76-144s, flag winds 150, 156, 192s	✓	1-S	13
14	011245289	210500	21.94	87.01	1003.3	162/21 5.1	205/18	incirrus - RH blast 98-134s, flag wind 54k-55s	✓	S	14
15	011245361	212156	20.01	85.98	1004.7	182/10 4.7	170/11	cirrus, rh switching, wind all light spotty	✓	S	15
16	011245362	213931	19.09	84.03	1006.2	158/14 7.5	150/12	strat cum, rh switching, spotty winds 130-240	✓	S	16
17	011245167	220202	21.28	83.19	1006.1	166/17 84.5	165/13	incirrus, rh switching, spotty winds wind gap 120-172s	✓	S	17



Dropwindsonde Scientists *Vader*

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Flight Director Futamura

Takeoff from main at 171344 UTC

AVAPS Operators Grogan / Carpenter / Tong

Recovery at macon at 00228 UTC

[illegible]