

24.8 182
82.8 968mb

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

Storm Katrina Dropwindsonde Scientist's Landsca/Valde Page 1 of 2
Flight ID 050826n Flight Director FLAHERTY Takeoff from macdill at 1800 UTC
Mission ID 1112AKatrina AVAPS Operators 1Brogan/Carpenter Recovery at macdill at 01280 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	Eye, Eyewall, Rainband (direction)	Comments	Ob #	Proc essed	Satcom TRUS
1	011218119	1814 11	26.47	79.08	1010.3	—	10% str Cu	Nowinds	1	✓	
1A	011218115	1823 18	N/A	N/A	—	—	10% str Cu	No Launch Detect - nowinds			
1B	034618046	1826 07	N/A	N/A	—	—	Clear	No Launch Detect - no winds			
1C	034113025	1829 45	27.57	78.53	1010.5	135/16 4.5	130/11 Clear	Missing winds 75-1005 Some fast fall times	2	✓	
2	002638072	1842 22	29.00	78.03	1011.0	150/12 4.8	115/3 20% str Cu	RH Switching	3	✓	
3	002638011	1901 14	30.98	78.84	1012.4	124/8 7.4	190/1 1W CIRRUS	RH Switching Spotty winds ~180-4005	4	✓	
4	002615328	1920 30	30.94	76.07	1012.8	124/12 4.1	350/5 10% str Cu	Weak telemetry - Spotty winds at low levels - spec data? RH Switching - chose 405	5	✓	
5	002615315	1935 17	29.00	75.99	1012.3	148/12 4.5	30/2 50% Alto str 30% Cu	Missing data 400-6205 RH Switching; ok on channel 42	6	✓	
6	002638010	1951 29	27.06	75.11	1011.7	141/14 7.6	40/3 WITH CIRRUS 20% Cu	Extra data at end of Spotty wind RH Switching at beginning	7	✓	
7	003115323	2005 04	26.94	76.94	1010.6	139/14 7.8	100/6	RH Switching Spots of missing winds	8	✓	
8	011018043	2020 07	25.02	76.95	1009.5	139/8 ~530 mb	80/10 IN THIN CIRRUS 10% Cu	Winds only 80-220s, 315-430s	9	✓	
9	003135176	2035 17	23.98	75.15	1010.3	120/2 7.6	70/4 10% str Cu	Good sonde...	10	✓	
10	003115157	2051 48	23.05	77.04	1010.0	127/10 7.5	125/4 incirrus	RH Switching Late winds 80s	11	✓	
11	011245283	2109 57	23.99	79.00	1008.2	159/19 8.3	170/15 IN CIRRUS	Good sonde	12	✓	S
12	003115471	2141 17	23.57	82.88	1000.5	246/33 14.1	240/34 incirrus	RH Switching wind data up 420-480 spotty winds 50-760s - sent close to storm	13	✓	S
13	002415325	2156 19	24.43	84.59	1000.1	340/29 7.2	350/38 incirrus	Sent early - close to storm RH Switching - some missing telemetry 470-415 at beginning	14	✓	S
13a	003135172	2201 37	24.55	85.23	1002.1	00/29 5.2	360/34 incirrus	extradrop - needed to rtp	15	✓	S

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Storm Katrina

Dropwindsonde Scientists *Lundgren/Valde*

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Flight ID 050826n1

Flight Director *Flaherty*

Takeoff from macdill at UTC

Mission ID 1112A

AVAPS Operators *Bryan I Carpenter*

Recovery at MACRUH at 012850 UTC

[illegible]