



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



Storm Gustav

Dropwindsonde Scientists J. Zhang / Leighton

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Flight ID 0808311

Flight Director J. Parrish

Takeoff from MacDill at 0808 UTC

Mission ID 2007A Gustav

AVAPS Operators J. Smith / Nocher

Recovery at MacDill at 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	061519163	091028	26.22	87.39	1003	27/19 7.3	29		Sst was not added	12
2	061529234	094447	24.47	85.22	967.7	4/78 4.84				15
3	06224960	093245	24.30	85.10	957.6	93/21 4.99		Center		17
4	061529174	095710	24.07	84.86	971.1	174/58 4.9				18
5	060356172	100608	23.63	84.38	991.5	212/39 8.1				19
6	061329194	104449	23.35	83.926	996.4	177/45 8.1	28.1			23
7	060356163	104222	25.74	83.85			29.3		Not sent	
8	060226471	110403	24.72	85.06		74/87 3		NRZ RW		29
9	060226454	110512	24.51	85.29			29.0	ERYE		31
10	061519168	111107	24.36	85.46				SW RW		32
11	062249261	113414	23.22	86.70	1000.2	291/25 7.7	29.0			36
12	062249288	115136	23.01	85.45	997.2	248/39 7.3	29.2			38
13	053716367	121746	24.54	85.74	970.9	186/72 12.1		eye		42
14	054456238	122156	24.75	85.47	960.4	100/17 7.2		eye	Center	43
15	061529203	122600	25.00	85.5	970	45/76 5.6		eye		45
16	061519171	124654	26.50	85.6	999	60/37 8	29.6		Sst could have added	49
17	061524212	131448	24.95	87.55	999.3	335/29 7.7	28.9	eye		55



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Flight ID 080831Z Flight Director J. Parnish Takeoff from MacDill at 0808 UTC

Mission ID 2007A-Gustaw AVAPS Operators J. Smith / nasher Recovery at MacDill at UTC

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