



note sonde #9

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

Storm IRENEDropwindsonde Scientist's AbersonPage 1 of 2Flight ID 050812NFlight Director FahertyTakeoff from MacDill at 1749 UTCMission ID 0209A IRENEAVAPS Operators Tong OlneyRecovery at Bermuda at 0048 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/epd (kt)	hgt (m)	DLM wind (kt)	Comments	Processed	SATCOM tries	Ob #
1	00335387	180249	30.48	78.49	1017.9	215/04	10	330/03	undercast, -2.0mb pbias, RH heating			1
2	043835109	181947	31.00	76.33	1018.1	285/04	10	020/03	undercast SCU, -2.4mb pbias			2
3	003115325	183040	N/A	N/A	—	—	—	—	near convection, SCU below, no telemetry			X
3A	003115333	183723	31.52	74.01	1017.8	280/10	207.7	055/03	near convection SCU below, Channel 5 of AVAPS had better acquisition of GPS/winds			3
4	044415135	185255	32.00	72.00	1017.2	285/02	10	165/03	clear, dust			4
5	003135280	190846	33.01	70.00	1017.7	180/04	10	180/03	clear, low RH2, -2.2mb pbias			5
6	051926124	193037	34.76	67.78	—	200/01	—	230/01	Late winds 72S; telemetry lost 765-777mb, clear, -2.2mb pbias, poor telemetry, few winds			6
7	003135225	194627	32.99	67.01	1018.3	150/06	10	160/04	Bad T probe, cirrus, char below, no T, RH; No winds above 336 mb, intermittent winds		///	7
7A	003115326	194724	N/A	N/A	—	—	—	—	No launch detected - no telemetry	X		X
7B	051926125	195029	32.53	67.01	1017.9	110/10	63	145/05	thin cirrus, clear below, -2.4mb pbias			8
8	000845655	200556	30.85	67.33	1016.0	083/16	10	100/23	undercast, -2.5mb pbias, RH heating cycles			9
9	002638087	201717	30.83	68.94	1016.2	045/12	10	075/16	currus above below, SCU, RH2 after 60S, can't		///	10
10	002615311	203119	29.75	70.42	1016.0	—	—	—	superadiabatic near 300 mb, stg undercast, no wind, -2.1mb pbias			11
10A	003135196	203241	29.60	70.49	1016.5	355/14	10	055/11	-2.6mb pbias, undercast			12
11	002615313	204657	27.99	70.91	1015.7	355/12	10	045/04	undercast		///	13
12	003135222	210302	26.24	70.41	1015.2	025/10	39	040/02	undercast, -2.2mb pbias		///	14
13	002638083	211810	25.11	69.07	1014.7	345/02	10	280/02	10% Cu		///	15

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Storm IRENE

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Flight ID 050812N

Flight Director *Flaherty*

Takeoff from _____ at _____ UTC

Mission ID 0209A IRENE

AVIPS Operators Tona Olney

Recovery at _____ at _____ UTC

[illegible]