

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

Storm Hurr. Irene Dropwindsonde Scientists B. KLOTZ Page 1 of 1
 Flight ID 110826H1 Flight Director SEARS Takeoff from MacDill at 1957 UTC
 Mission ID 3009A Irene AVAPS Operators OLNEY Recovery at MacDill at 0221 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 #
✓ 01	103515134	210537	-77.27	30.15	990.1	240/45 6.3			I.P. (inbound 5)	012
✓ 02	103525064	211620	-77.21	30.88	974.3	245/50 3.9			midpoint / 52	014
X 03	102815171								eyewall (S) - bad sonde	X
✓ 04	102815144	213844	-77.26	31.99	955.7	063/52 7.2			eyewall (N)	016
✓ 05	102815032	215215	-77.25	32.89	982.0	079/39 7.0			midpoint	019
✓ 06	103525172	220118	-77.25	33.53	993.0	065/43 8.8			end pt. (outbound pass 1) rainband	020
✓ 07	103455095	230210	-79.01	32.46	994.7	003/50 7.9			start pt. (inbound pass 2)	030
X 08	103525056								midpoint - problem w/ TTU	X ← Fast fall
✓ 09	103115330	231451	-78.16	32.53	979.6	359/70 13.8			midpoint backup	032
X 10	102535069								eye - bad sonde (TTU)	X
X 11	103515048								eyewall (SE) - bad sonde	X
✓ 12	103455098	234200	-76.30	31.66	973.8	179/66 6.8			midpoint - rainband	035
✓ 13	103525059	235822	-75.29	31.29	993.7	177/54 7.1			end pt. (outbound pass 2)	039
✓ 14	094735766	002021	-75.18	33.15	994.2	141/39 6.8			start pt. (inbound pass 3)	043
X 15	094735776								midpoint - bad sonde	X
✓ 16	095335041	003244	-76.01	32.79	979.4	110/74 4.6			midpoint - backup - rainband	045
✓ 17	094415058	004419	-76.76	32.41	956.6	127/64 12.5			eyewall (NE)	048
✓ 18	094110080	004801	-77.01	32.28	950.9	224/02 7.9			eye	049
✓ 19	100155301	005329	-77.39	32.09	961.9	316/35 3.9			eyewall (SW)	054
✓ 20	094735778	010136	-77.94	31.81	978.8	309/39 9.4			midpoint	056
✓ 21	095035254	011426	-78.78	31.39	992.4	296/45 3.1			end pt. (outbound pass 3)	057