

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

Storm Hurr. Irene Dropwindsonde Scientists B. KLOTZ Page 1 of 1
 Flight ID 20110823H1 Flight Director SEARS Takeoff from MacDill at 1952 UTC
 Mission ID 1009A Irene AVAPS Operators OLNEY Recovery at MacDill at 0347 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	hgt (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
✓ I.P.	01	102525014	220538	-74.01	22.19	1005.6	043/37	5.8		J. P. (west-northwest of eye)	020
X	02	102815145	220621	-73.97	22.11	1006.3	037/23	6.8		Backup to first; not transmitted	← NO DROP
✓	03	102815119	222123	-73.06	21.65	1001.1	047/47	5.7		midpoint	023
✓	04	102815068	223555	-72.17	21.19	995.5	357/58	5.3		RMW - eyewall (WNW)	025
✓	05	102815132	224224	-71.74	21.04	969.4	117/21	6.6		eye	027
✓	06	102815111	224611	-71.49	20.92	981.2	167/70	10.1		eyewall (ESE)	028
✓	07	101655189	225629	-70.88	20.58	998.2	151/29	6.7		midpoint (use 2nd)	031
✓	08	102815169	231103	-70.04	20.19	1001.0	120/27	6.7		end leg pt. (1)	036
✓	09	102815073	233852	-70.16	21.96	1003.9	099/41	7.7		start leg pt. (2)	042
✓	10	102125015	234905	-70.85	21.62	999.4	096/49	7.4		midpoint - rainband	044
✓	11	102815168	000205	-71.71	21.21	979.1	086/78	8.9		eyewall (NE)	046
✓	12	102815074	001018	-72.17	20.86	981.4	298/50	3.9		eyewall (SW)	← NO eye drop
✓	13	102815137	002120	-72.85	20.54	999.8	332/25	8.4		midpoint	- have backup
✓	14	102815103	002905	-73.15	20.27	1001.7	330/27	5.1		end leg pt. (2)	059
✓	15	102815084	004751	-71.95	20.20	997.3	232/37	7.1		start leg pt. (3)	063
✓	16	103515260	005726	-71.95	20.91	973.9	188/43	6.4		eyewall (S)	065
✓	17	102515226	010022	-72.08	21.03	968.9	217/04	7.0		eye	067
✓	18	101655185	010548	-72.15	21.33	998.2	151/29	6.7		eyewall (N)	070
✓	19	102815104	011726	-72.12	22.07	999.0	055/56	7.4		rainband/midpoint	076
✓	20	102815120	012916	-72.14	22.84	1005.9	071/37	6.6		end leg pt. (3)	079