

Dropsonde Scientists: Mike Black/Melanie Desflots
 Flight Director: Tom Shepherd
 Dropsonde Operators: Bill Olney/Beth Kerr

Flight ID : 050923H

Take off : 1453UTC from Mac Dill AFB Landing : at Mac Dill AFB
 0028 UTC

Number	Sonde ID	Time (UTC)	Lat	Lon	Sfc. Pressure (mb)	Sfc. Winds Dir/speed (kts)	Height (m)	Comments (UBLOX sondes)	OB #
1	051926059*	164518	27.62	-91.05	981	137/072	17	SFMR : 58 kts/ 55 Miles E. of center/rainband	14
2	044535350*	165532	27.63	-91.80	999.5	126/101	4.8	Attaching cloud SFMR: 48 m/s/E of center/eyewall	15
3	044535419	170000	27.63	-92.14	931.3	175/010	10	Eye drop	09
4	044535297*	170705	27.63	-92.36	944.5	309/074	46	No winds 750-8700 ft W of center/eyewall	16
5	044135152*	171650	27.59	-93.075	979	353/049	10	Light winds 6000-8000 ft SFMR: 30m/s /50 miles W/rainband	21
6	044415227*	172500	27.15	-92.62	974.4	300/045	18	SFMR :26 m/s /38 Miles SW of center/between eyewall and rainband/SST :28.3C DLD 15s	22
7	044535070*	173353	27.19	-92.08	969.2	240/049	10	SFMR: 27 m/s /25 M S of center	04
8	051926062*	173934	27.57	-92.15	939.2	219/074	19	SFMR: 70 kts/ 2.5 M S of center S Eyewall	05
9	044535073*	174606	28.02	-92.20	940.1	036/095	13	SFMR: 80 kts/ N/ eyewall DLD 5s	17

10	044535078*	175426	28.54	-92.27	975.6	056/072	6	SFMR:33m/s /45 NW of center/ eyewall	06
11	053166014	180731	28.00	-92.55	951	002/083	11	SFMR: 43 m/s /31 M NW of center/ eyewall	18
12	044535079	180928	27.956	-92.45	936.4	350/072	4.5	NW eyewall	20
13	053166129	180827	27.98	92.50				NW eyewall	
14	053166139*	180851	27.97	92.49				NW eyewall	
15	044535075*	184836	27.69	-92.58	953.5	292/091	74.7	SFMR: 75 kts/ SW/ eyewall	03
16	053166134	190703	27.74	-92.372	941.2	225/074	10.6	SFMR :42 m/s /SE/ eyewall	04
17	053166144*	201104	27.93	-92.35	941.2	183/089	27.49	SFMR: 38 m/s/SE/eyewall	05
18	044535575	202124	28.24	92.29	—	—	—	m/s/SE/eyewall	
18 A	044535573*	202217	28.27	-92.24	948.4	109/109	5.46	SFMR: 43 m/s /E-NE /eyewall	
19	053166005	203028	28.32	-92.18	955.2	107/091	10.10	NE eyewall	
20	053166080	203057	28.31	-92.21	952.7	115/091	14.59	NE eyewall	
20	053166141	203046	28.32	92.20	949	—	—	No launch detected /No winds -	
22	053166081	203843	28.37	92.25	—	—	—	No launch detected	
23	044535568*	205727	28.54	92.68	—	—	—	No launch detect	
24	053166137	213808	28.57	-92.68	939.8	052/124	11.57	SFMR : 53 m/s /NE eyewall	
25	053166136	213827	28.61	-92.68	942.5	047/097	4.8	NE eyewall	
26	053166133	213900	28.64	92.68	—	—	—	Not on HRD ws	
27	044535003*	213909	28.67	92.68	—	—	—	Not on HRD ws	

28	053156049	2151 26 117	28.6 24 3	-92.73	946.1	056/099	8.28	Inner eyewall N quad. DLD 9 S
29	053166140	215750	28.58	92.81	—	—	—	Not on Hrd ws ^{N Eyewall}
30	053166135	215847	28.63	-92.80	945.3	050/087	20	"N Eyewall" Rd heating cycles
31	044535076*	221340	28.86	-92.38	968.4	099/078	7.15	N rainband/ SST:28C DLD 5S
32	044535570*	224814 422	28.68	-90.87	993.6	139/041	4.71	Rainband far east DLD 52 S