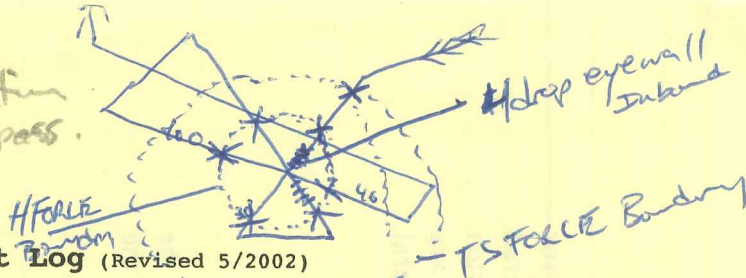


Jan

Drops at 34 kt Radius, if traversed
" " 64 kt " " "

4 Drop Eyewall Sequence on Inboard leg 30 sec separation
switch to 20 sec on 2nd pass.



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

Storm JUAN Dropwindsonde Scientists P. Leighton

Page 1 of 2

Flight ID 10409091 Flight Director T. Shepperd

Takeoff from St. Croix at 1500 UTC

Mission ID WX09A JUAN AVAPS Operators J. Smith / T. Lynch

Recovery at Medill at 2310 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 #
✓ 1	032815107	160224	16.2	69.2	1010.7	100/38	NBL		NE 34kt	34kt Radius NE Quad	12
✓ 2	032815032	163145	15.0	71.1	997.4				NE 64kt	Outer Rainband edge	10/29/12
✓ 3	033118008	164130	14.6	71.6		1			NE Eyewall		1
✓ 4	033048031	164220	14.6	71.6					" " 2		2
✓ 5	032815031	164230	14.6	71.6		13/13	13		" " 3		19
✓ 6	033048025	164253	14.6	71.6					" " 4	Eye	10/29/12
✓ 7	032815108	165000	14.3	72		305/70	NBL		SW 64kt	8000	22
✓ 8	033415240	173030	14.2	71.3		25/60			SE 64kt	10,000	25
✓ 9	033048022	173600	14.64	71.73	997.6				SE Eyewall	1	1
→ ✓ 10	033415393	173600	14.65	71.75		141/06	15		" " 2		29
✓ 11	033415306	173947	14.66	71.77					" " 3		3
✓ 12	033415312	174035	14.67	71.82	924				EYE	Center Fix	28
✓ 13	033415053	1750							NW 64kt	Red No Landmarker	32
✓ 14	033418017	175126	15.2	72.36	993.3	030/59			NW 64kt	Red	32
✓ 15	033518002	180550	15.9	73.11	1005	045/47	12		NW 34kt	Red	36
✓ 16	033418024	182040	15.1	73.3		625/41			WNW 34kt	Red	38
✓ 17	033418061	193550	14.9	72.5		335/25.9			WNW 64kt	Red	40

315/70 NBL

???

Some Co. 1000

???

10/29/12

Strong Ho

End

Shots to

Surface

Inner Eye

ten Eyewall

14.40 71.40

920 into

Spish

922.6

924.0

7

921.56

[illegible]