

150 kt
FUT LVL IN
120 Surface

84.41
2053 84 1748
earlier
eye

64kt 233 m/s

34kt

912m 193930 21.03 84.71

185530 21.00, 84.67

120 Surface

140 FTL Storm JUAN

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

Dropwindsonde Scientists P. Chang

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Flight ID 1040913H (Flight Director J. Parrish)

Takeoff from MacDill at 1625 UTC 1600?

Mission ID 4X09A JUAN AVAPS Operators Mark

Recovery at MacDill at 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 #
1	033 415108	180915	21.60	84.82				NWS Rainband	64kt Rad 330fs	-
2	034 555209	181624	21.20	84.74				NWS Eyewall	No Rainband	-
3	033 845059	181720	21.14	84.73				NWS Eyewall	Inner edge	-
4	033 845230	182920	20.74	84.63				SSE	Broken Eyewall	-
5	034 918182	183236	20.55	84.60				SSE Rainband		-
6	033 845060	183200	21.04	84.43				E Eyewall	Trk 270 1st Main	-
7	033 845211	183235	21.04	84.46				E Eyewall	" " 2nd inner	-
8	033 845004	185950	20.86	84.95				WSW Eyewall		-
9	033 845229	190845	20.56	85.50				WSW	64kt rad	-
10	033 518 063	192607	20.15	84.60				S	64kt rad	-
11	033 845062	193640	20.86	84.66				S Eyewall	1st Main	-
12	033 845052	194320	21.28	84.72				N Eyewall	1	-
13	033 845233	194346	21.32	84.72				N Eyewall	2	-
14	033 845060	201110	21.25	84.97				WSW Eyewall	1	-
15	033 845057	201150	21.23	84.93				WSW Eyewall	2	-
16	033 845244	202540	21.44	84.71				N Eyewall	1	-
17	033 845222	202555	21.45	84.71				N Eyewall	2	-
18	033 845055	202908	21.64	84.71				N Eyewall	3 outer edge	-

2015
21.10N
84.46W

335+rh
@ 8

140 FTL
110 surf
125 surf
145 surf