

1998082341-DROPS ^{1st pass center 2138 7150 from NASA}

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm Bonnie

Flight ID 98082341

Mission ID WX02A Bonnie

Dropsonde Scientist(s) M. Black/Ed Bracken/Joe O'Done

AVAPS Operator(s) George Delgado

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Takeoff 1738 UTC

Landing 0255 UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?
1	974730038	183014								error reading at first → Time offset of wind measurements is unavailable, Math library error		100%
	afrocan dust layer		1.7 mb	b-bag	2					after splash ok → check - goodsonde	✓	5
2	974740138	185949								goodsonde	✓	8
4	974510034	195845								began inner core at 50 mi SE of eye	✓	13
5	974010012	200722								no data SE eyewall / bad		
3	974730064	193152								put before sonde 4	✓	10
7	982630037	201224								no data eye / bad		
6	974010016	200827								no launch detect SE eyewall / bad		
	974510100											
8	974110024	202207								50 mi NW point turn pt B	✓	16
9	974510100	204251								no data no launch detect SW of eye / no eyewall		
10	974010014	204552								no data no launch detect SW of eye / no eyewall		
11	973840087	204731	AXBT							eye drop eye SST=27.0	✓	20
12	981040041	205050								lots of missing data NE eyewall		
13	973840054	205224								SFC winds lots of missing data NE eyewall	✓	46
14	974110020	205950								NE point 50 mi rainband NE	✓	24
15	974110023	210550								North point 50 mi rainband N	✓	25
16	973250048	210829								outside eyewall lots missing north		

reboot system at 20:15 after bad sondes # 5, 6, 7

2106

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Flight ID 980823 H1
Mission ID WX02A Bonnie

Dropsonde Scientist(s) Black / Bracken / Cione
AVAPS Operator(s) Delgado

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Takeoff 1738 UTC
Landing 0255 UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAlt (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?
17	973840082	211304								inside wind max eyewall N	✓	29
18	974110026	212053								eyewall S (did not launch) NO DATA eyewall S (bad)		
19	974030004	212305								AXBT good drop south of southern eyewall	✓	30
21	974530026	214125								East point 50 m Pt G	✓	33
22	974940037	214816								(great drop; saturated) (drop in w.f.s. low) eyewall E SST 26.2	✓	41
20	973250095	212754								south point 50 m Pt F	✓	31
23	974940046	214834								near wind maximum good drop eyewall E	✓	44
24	974740130	215140								eye	✓	37
26	974730069	220823								w off eye	✓	49
25	974730014	220305								w of eye	✓	45
29	974730043	230350								outside convection (smooth flow drops)	✓	50
28	974940051	224631								" "	✓	53
27	974940044	22301								" (missy down)	✓	54
30	974940052	233103								" "	✓	55
31	974940050	235639								" "	✓	57
32	974730075	005030								" "	○	60
33	975020041	010855								" "	✓	61

Dropsonde Scientist(s) Delgado / Broder / Cione
AVAPS Operator(s) Delgado

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[illegible]

9 bad (no data) sondes
3 partial sondes