

Bonnie Landfall Sondesfest

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm Bonnie Landfall
 Flight ID 9808267
 Mission ID WX02A Bonnie

Dropsonde Scientist(s) M. Black / P. Dodge
 AVAPS Operator(s) _____

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 Takeoff 1503 UTC
 Landing _____ UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAlt (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Pro	Xml
1	974730015	162849								17 m/s 10m wind in clear air at IP offshore CHS	✓	12
2	982720288	163412								in low clouds outside outer eyewall	✓	14
3	982630099	164450								in outer eyewall SE outside	✓	15
4	982630101	164537								in outer eyewall SE (inner edge) middle	✓	18
5	974740062	1650								in outer eyewall inner edge	✓	20
6	982630103	165630								in inner barb cloud	✓	21
7	982630031	165909								eye drop 33 21 27 52	✓	23
8	984940042	17032								FPSN buoy	✓	25
9	982630080	170740								NE eyewall inner edge feature	✓	29
10	98473028	170820								NE eyewall inner	✓	31
11	982630080	170845								NE eyewall middle	✓	33
12	982630080	171305								NE eyewall middle - missing data	✓	35
13	974740051	171955								NE eyewall outer	✓	38
14	982630102	172750								outside NE	✓	39
15	981810005	173246								near intense band - bad sonde	✓	40
16	981820043	174722								Diamond Shoals	✓	41
17	981750006	180006								near rain band N & E of eye	✓	42
18	981750084	180409								just upwind of intense convection cell	✓	44

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Bonnie

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Flight ID 990826 I

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Dropsonde Scientist(s) M Black / P. Dodge

AVAPS Operator(s) Date

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Takeoff _____ UTC

Landing _____ UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAlt (m)	T (°C)	TD (°C)	WDWS (kt)	Comments	Pro ?	Xmt ?
19	981750062	181755								outside of NE eyewall	✓	46
20	981820050	182150								outer NE eyewall	✓	47
21	982640256	182249								middle NE eyewall	✓	48
22	981740063	182450								inner NE eyewall	✓	50
23	981750080	184425								inner edge NE eyewall	✓	51
24	981750070	184943								f eye at 1835	✓	52
25	982630097	185753								west outer eyewall	✓	53
26	982630096	190330								28 m/s SFC	✓	54
27	982430072	193455								west outer eyewall	✓	55
28	981750070	195140								35 m/s	✓	56
29	982630009	195634								on coastline offshore flow 50 mi. west of center	✓	57
30	982300091	195958								on coast SW of center	✓	64
31	98270093	200320								250 miles south of eye	✓	65
										outside of south eyewall	✓	66
										70 mi. outside of south eyewall	x	No
										inner edge of outer eyewall - wind gust	x	No
										inner edge of inner eyewall -		
										rebooting AVAPS -		
		2025								eye 3343' 7752'		
		2026								AVAPS DOWN -		
		2157								AVAPS UP		

