

19980823I - DROPS

24° 52'
71° 43'

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm Bonnie
Flight ID 980823I
Mission ID _____

Dropsonde Scientist(s) Aberson, Gamache, Dodge
AVAPS Operator(s) JEFF SMITH & Co.

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Takeoff _____ UTC
Landing _____ UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?	
1	973840067	182937	29.00	66.02	548					GOOD	✓	✓	#10
2	972630024	185303	28.92	68.00	"					"	✓	✓	#15
3	974530003	192833	26.49	67.91	525					" - strong (GALE) winds throughout deep layer	✓	✓	#20
4	973840076	201920	26.46	63.45	514				200/19		✓	✓	#28
5	974530032	211140	23.95	60.05	483				125/11		✓	✓	#36
6	974510064	214442	22.06	62.09	"				103/5	NO WINDS	✓	✓	#40
7	973840065	221759	24.01	64.07	444					NO WINDS FAST FALL	✓	✓	#46
8	973410145	224735	24.01	66.88	444				178/17	NO WINDS AFTER 775	✓	✓	#52
9	973730032	231748	24.0	69.4	444					lost telemetry @ ~200m	✓	✓	#56
10	974540049	233941	24.7	71.01	549					40 nmi E of S	✓	✓	#59
11	974540029	234528	24.74	71.46	"					EYE WALL DROP still data failed fast fall. did not work up	X	X	X
12	973730030	234907	24.75	71.76	"					EYE DROP	✓	✓	#61
13	973730031	235922	24.63	72.45	547					40 nmi W of S	✓	✓	#71
14	973730047	001018	24.15	71.71	547					40 nmi S of S	✓	✓	#74
15	974510016	002347	25.14	71.68	547					N eye wall	✓	✓	#76
16	973730041	002808	25.51	71.70	547					40 nmi N of S	✓	✓	#80
17	974530007	010126	26.11	74.38	464					Chose different alt last record, alt = old heights	✓	✓	#82
18	974530109	013159	27.01	77.01	464					20 mb pressure bar? discontinuity ~700 mb	✓	✓	#83

