

19980821N1-DROPS

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm BONNIE
 Flight ID 980821N
 Mission ID 0402A BONNIE

Dropsonde Scientist(s) FRANKLIN, LANDSEA
 AVAPS Operator(s) HORNBRACK, HILL, J-C PRADAS

Page 1 of 2
 Takeoff 174955 UTC
 Landing UTC

PT 3 SKIPPED

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?
1	974510090	180836								FAST FALL	X	X
1A	974010056	181124									✓	01
2	974110031	182318									✓	02
4	974530150	190535									✓	03
5	974540045	192408								little slow	✓	04
6	974530057 973840057	194318									✓	05
7	973840058	200230								100% Stratus below	✓	06
8	972440018	202248								Within Cirrus (near top)	✓	07
9	974510074	204852			No pressure					Within Cirrus	X	X
9A	973730043	205008								Within Cirrus	✓	08
10	974530068	210434								100% stratus	✓	09
11	974530112	212214								100% Cirrus 10% below	✓	10
12	974530072	214058								20% Cumulus below	✓	11
13	974530112	220928								10% stratus	✓	12
14	974730019	222657								Within haze	✓	13
15	974730048	225336			V winds on plane	too slow ~ 8 m/s				20% stratus Cu @ low	✓	14
16	974740025	231250			WADS DOWN	DURING DROP - (AT)				10% low stratus Cu	✓	15
17	974510015	233507								5% low st-cu	✓	16

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Page 2 of 2
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Landing _____ UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?
18	974740024	234758								20% StCu RH2	✓	17
19	974510017	235713		U winds	flight level too slow ~ 8 m/s						✓	18
20	974740031	000757									✓	19
21	974730022	002048								Dark	✓	20
22	974110038	003542								Still Dark	✓	21
23	974510128	005418		no winds						" " (FAST FALL)	✗	✗
23A	982630111	005620									✓	22
24	974530119	011222									✓	23
25	981030068	013015								BAZ SLOW T	✓	24
26	974240020	014522								SLOW FALL	✓	25
27	973840127	020119									✓	26

974-1003

23512

21.1 67.3

991mb 65k/sq