

19980830 H1-DROPS

missing in manual QC edit?
synmap program (loop up?) and bomb, exit

NOAA43	20443	27 41 74 01	982 mb	984
TEAL	00002	27 56 74 12	983 mb	
NOAA42	00312	27 56 74 14		
TEAL	03122	28 10 74 21	981 mb	
NOAA42	03192	28 10 74 19	980 mb	

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm Danielle
Flight ID 980830H
Mission ID WX04A DANIELLE

Dropsonde Scientist(s) Aberson
AVAPS Operator(s) Smith/Barr

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Takeoff ~1990 UTC
Landing UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	Surface Env	SST (°C)	TD (°C)	MBL (kt)	SFC W/DWS (kt)	Comments	Prc ?	Xmt ?
1	981830033	19:54:59	23° 22.0	76° 49.8		inbound from SE					quickly lost data, pressure bias 3.5 mb	✓	NO
2	981830036	19:56:31	23° 28.1	76° 46.0			SST=30.4				transmitted for SST replacement for (1), pressure bias 3.4 mb	✓	006
3	981810032	20:07:36	24° 13.4	76° 18.7							to test AVAPS, pressure bias 3.1 mb	✓	NO
4	981950054	20:17:28	24° 52.0	75° 54.9	1012		SST=29.5	17		16	launch message 1 min before actual launch discontinuity in vel, edited launch	✓	009
5	981040044	20:39:16	26° 15.3	75° 0.0	1009	rain band	SST=28.6	28		21	late launch detect, pressure bias 6.4 mb	✓	010
6	981950078	21:02:30	27° 41.6	75° 58.7	986	eye		21		21		✓	013
7	981950075	21:04:38	27° 47.7	74° 3.6	986	eye		25		23		✓	014
8	982430077	21:31:19	29° 12.5	73° 22.2	1011	outbound to NE	SST=26.3	31		17m 21	late launch detect, pressure bias 8.0 mb	✓	019
9	974510021	21:53:43	30° 40.0	72° 3.0	1014		SST=28.3	19		16		✓	031
10	981810022	22:16:55	32° 8.5	71° 8.9	1016	end	SST=28.4	20		16		✓	033
11	982010057	23:24:59	32° 5.5	77° 19.0	1014	inbound from NW	SST = NO	11		09	pressure bias 3.2 mb no END, reboot created it, late launch detect	✓	034
12	981810019	23:53:59	30° 14.8	75° 56.3	1012		SST=29.0	19		13m 13	late launch detect, pressure bias 5.4 mb	✓	035
13	981830040	00:09:28	29° 15.9	75° 14.3	1010		SST=26.4	28		19	late launch detect	✓	036
14	982430173	00:54:33	26° 27.5	73° 16.6	1011	outbound from eye rain band	SST=27.7	-		-	pressure bias 3.6 mb late launch detect, data became intermittent	✓	043
15	981950053	01:16:12	25° 4.3	72° 20.4	1015			23		15m 18	late launch detect, pressure bias 3.5 mb	✓	045
16	981950040	01:29:55	24° 19.0	71° 43.6	1016	end	SST=27.6	14		11	late launch detect, pressure bias 3.0 mb	✓	047
17	982010071	02:24:42	28° 13.1	69° 34.2	1018	inbound from E	SST=28.5	26		02	late launch detect, pressure bias 5.3 mb	✓	051
18	981810021	02:35:56	28° 15.2	70° 33.1	1016		SST=27.5	32		27	pressure base line correction 3.8 mb	✓	053

fixed fuse in
AVAPS preamp

checked data →

workstation
reboot →low level
inflow
[rain band]
low level
outflowlow level
inflow

"

"

low level
inflow

"

"

"

"

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[illegible]