

# HRD Dropwindsonde Scientist Log

*Drop windsonde  
Symptoms dropped software  
prod in  
release admin work*

Flight 970905I  
Storm Erika

Dropsonde Scientist(s) Jim Aberson Steve Fausser

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(Revised 4/97)

AVAPS Operator(s) Jeff Smith, Dale Carpenter

*copied from sonde file*

*video display launch  
↓  
from video display*

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GALT (m)	T (°C)	TD (°C)	WDWS (m s <sup>-1</sup> )	Comments	Prc ?	Xmt ?
1	970150005	18:15:30	27° 2.0	78° 2.0	497.6	5928	-6.8	-12.5	319/6.6		✓	05
2	971750003	18:41:46	27° 0.0	78° 0.0	498.2	5911	-6.6	-22.0	333/9.9	Inversion 800-850mb	✓	07
3	632434901	19:08:46	31° 1.0	77° 58.3	498.4	5898	-8.0	-21.1	323/14.1	Frontal Inversion ~800-840mb	✓	09
4	970150273	19:44:04	32° 58.8	73° 58.8	484.0	6091	-11.2	-18.7	325/13.5	Inversion 840-850mb	✓	12
5	964910142	20:04:07	32° 59.2	74° 0.3	483.7	6082	-12.4	-17.5	298/10.5	H2 clipped, Inversion 840-850mb	✓	15
6	965120030	20:24:31	32° 08.4	72° 00.3	444.3	6712	-17.7	-32.0	286/13.6	Inversion 800-820mb, another 850mb	✓	17
7	385400045	20:49:52	35° 00.0	72° 0.0	444.4	6671	-19.10	-31.4	290/17.3	Inversion 800mb, H2 clipped	✓	20
8	9764910057	21:15:46	36° 59.9	71° 59.9	408.1	7277	-25.2	-36.5	300/13.4	Inversion 800mb	✓	24
9	964910084	21:43:07	39° 0.8	71° 54.5	408.4	7249	-26.0	-36.7	319/16.5	Inversion 900-800mb, Backlog	✓	26
10	385400217	22:02:24	39° 0.8	69° 45.0	408.2	7243	-27.4	-40.4	280/13.2	No and because of rotation after 700mb	✓	31
11	964910116	22:22:48	39° 03.9	67° 29.3						Unrotation problem, not worked up	X	X
12	970150110	22:58:57	41° 59.5	67° 24.1	374.3	789	-32.6	-43.5	263/7.1		✓	33
13	970440028	23:12:58	42° 00.0	65° 46.0	358.4	8125	-35.1	-45.9	259/9.0	Inversion 840-850mb	✓	35
14	96500181	23:27:45	41° 55.7	64° 1.6	358.5	8129	-34.6	-46.7	263/13.2	Inversion 825mb	✓	36
15	970440001	23:51:11	40° 0.3	64° 0.2	358.5	8129	-34.6	-45.2	263/13.2	No launch detect, winds	X	X
16	970150011	23:51:55	39° 56.7	61° 0.3	358.3	8173	-32.8	-45.2	253/11.7	Backup to previous Inversion 825-800mb	✓	40
17	385400129	00:16:34	38° 00.6	63° 59.9	358.4	8207	-27.4	-41.4	233/33.0	H2 clipped, inversion 825-775mb	✓	42
18	964910066	00:45:58	35° 58.8	64° 9.6	358.8	8289	-22.5	-36.6	230/11.4	H2 clipped, sharp inversion 820mb	✓	44

*QC flagged inversion, we unflagged it  
sporadic but measurable, just not  
not stack*

*data  
in  
AVAPS*

