

23° 14'
62° 38' 1802 f3kt

HRD Dropwindsonde Scientist Log

Flight 970908I
Storm ErikaDropsonde Scientist(s) Jim Abernethy
AVAPS Operator(s) Jeff Smith, Dale CarpenterPage 1 of 2
(Revised 4/97)AXBT times
hot
Sonde times

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GALT (m)	T (°C)	TD (°C)	WDWS (kt) m s ⁻¹	Comments	Prct ?	Xmt ?	SST T
1	970150071	18:03:26	22° 59.9	65° 53.4	752.3	2498	12.6	9.6	359/16.3	Launch detect 332.55 off, No pressure down below. Did not work up	X	X	28.1
2	971520019	18:19:45	23° 5.6	64° 42.5	752.2	2442	13.6	8.1	357/19.5	No launch detect no wind	✓	Q18	28.7
3	965120191	18:38:44	23° 13.8	63° 23.3	751.5	2354	15.4	13.5	359/28.9	Launch detect delayed 172.55 wait	✓	Q20	28.3
4	385400188	18:46:01	23° 16.5	62° 53.4	751.5	2159	20.2	15.2	345/44.3	wall, 7m wind	✓	Q22	28.2
5	965040240	18:52:26	23° 15.5	62° 37.3	752.1	2051	21.9	10.5	275/18.8	eye, 9m wind	✓	Q23	28.1
6	964910003	19:02:37	23° 20.6	62° 13.2	750.5	2118	16.5	16.3	187/53.7	supercat at 1000 ft eyeball, 00 RH, low wind lower	✓	Q24	27.5
7	970150062	19:04:24	23° 20.6	62° 5.8	750.4	2199	15.1	14.3	178/60.8	eyeball, no wind	✓	Q26	25
8	970150134	19:07:24	23° 20.6	61° 54.1	750.6	2300	15.0	14.7	181/49.5	eyeball, wind @ 15m	✓	Q28	27.8
9	632434806	19:24:40	23° 17.7	60° 45.5	751.4	2450	13.2	13.1	179/35.7	height offset	✓	Q27	28.2
10	970150013	19:31:49	23° 21.1	59° 50.8	751.7	2490	13.8	8.6	166/30.6	wind @ 14m	✓	Q34	—
11	385400115	20:02:17	25° 4.5	60° 43.8	751.5	2483	11.5	3.7	127/30.3	wind @ 7m	✓	Q35	28.4
12	965040245	20:18:04	24° 20.6	61° 33.2	751.8	2403	13.1	13.2	142/44.2	wind @ 8m	✓	Q37	28.4
13	970150004	20:27:05	23° 57.3	61° 58.8	754.1	2254	14.8	14.2	136/51.4	eyeball	✓	Q38	—
14	625331502	20:29:33	23° 50.7	62° 6.0	752.4	2180	14.5	14.7	129/58.1	eyeball, wind @ 11m	✓	Q40	24
15	970440043	20:20:47	23° 47.7	62° 9.7	744.7	2202	15.6	15.4	142/50.9	eyeball, no data below ~130mb	✓	Q41	—
16	971520026	20:40:32	23° 19.5	62° 38.5	752.6	2166	19.7	18.3	388/47.6	eyeball, wind @ 11m	✓	Q42	25
17	970150028	20:56:44	22° 35.1	63° 14.4	752.5	2421	13.7	13.1	304/27.1	wind @ 7m	✓	Q47	28.0
18	971520016	21:06:59	22° 23.0	62° 28.7	752.2	2420	13.7	13.2	254/31.1	wind @ 14m	✓	Q49	24

20:07:36
965040240
135/42

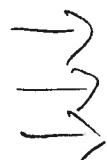
HRD Dropwindsonde Scientist Log

 Flight 970908I
 Storm Erika

 Dropsonde Scientist(s) _____
 AVAPS Operator(s) _____

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 (Revised 4/97)

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAlt (m)	T (°C)	TD (°C)	WDWS (kt)	Comments	Pro ?	Xmt ?	SST
19	970150198	21:19:03	23° 14.7	62° 22.7	752.3	2212	19.4	14.4	278/51.6	eyeball, wind@9m	✓	050	25
20	971520015	21:29:27	23° 55.5	62° 14.0	757.9	2064	17.9	16.7	122/32.8	eyeball, wind@13m	✓	052	27.8
21	971520033	21:30:30	24° 0.4	62° 14.2	750.3	2123	16.3	16.5	121/44.6	eyeball, wind@20m	✓	053	27
22	632434906	21:31:50	24° 6.4	62° 14.4	749.5	2226	14.9	15.6	113/53.9	eyeball, but PTH below 847mb ^{sfc 60/41.0}	✓	054	27.7
23	971750023	21:35:03	24° 20.3	62° 14.5	751.3	2325	14.5	13.6	106/41.7	eyeball, wind@20m	✓	055	28.2
24	971520025	21:41:36	24° 47.7	62° 14.8	751.4	2412	13.5	13.6	104/33.3	wind@19m	✓	064	27
25	965040157	21:59:22	25° 52.9	62° 12.5	751.6	2484	10.6	8.3	98/30.5	front, wind@26m	✓	065	28.8
26	970150245	22:32:00	23° 19.6	62° 12.5	751.6	2032	18.4	20.4	153/3.6	eye, 19m winds	✓	067	27.7
27	970150077	22:36:36	23° 34.8	62° 0.6	751.4	2128	18.6	18.7	231/47.5	eyeball, wind@15m	✓	068	27
28	970150252	22:37:50	23° 31.2	61° 56.8	750.9	2194	18.4	17.7	240/56.0	eyeball, no wind	✓	069	27.0
29	965120190	22:39:42	23° 26.1	61° 51.5	753.8	2232	14.8	15.8	221/52.5	eyeball, wind@9m	✓	073	27.1
30	965400018	22:51:05	22° 53.2	61° 16.9	751.3	2433	13.9	13.0	225/37.9	winds@36m	✓	076	28.3
31	965120233	23:11:30	21° 59.5	60° 26.7	750.6	2386	14.0	13.8	222/41.5	no wind, no launch detect	✓	078	28.4



G1