

0040 15 42.9 55 05.7  
0112 15 46.3 55 14.4

# HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm GEORGES  
Flight ID 980919H  
Mission ID WX87A GEORGES

Dropsonde Scientist(s) Aberson/Gamache  
AVAPS Operator(s) Carpenter

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Takeoff 175220 UTC  
Landing 0230 UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAR (m)	T (°C)	TD (°C)	WDWS (kt)	Comments	Pre ?	Xmit ?	
1	981830006	183930	10.0	5751'	525	5513	-2.4	-25	080/18	65/9 kts 10m	✓	✓	05
2	981820019	190448	10°0'	58°48'	525.8	5473	-2.8	-17.5	015/12	Sonde died after 90sec	✓	✓	08
3	981810010	193338	10°0'	58°36'	527.7	5464	-4.0	-15.1	007/4	175/6 kts surface	✓	✓	011
4	981820064	200404	10°5'	51°22'	506.3	5790	-5.1	-14.1	205/6	(-4.0 mb) bias suggested 165/10 kts sfc	✓	✓	014
5	981810044	202215	10°40'	49°43'	484.6	6145	-5.8	-24.4	165/10	140/10 kts sfc	✓	✓	017
6	973910057	203815	11°10'	49°29'	484.9	6147	-5.8	-25.7	192/9	115/09 kts	✓	✓	018
7	9747230120	205732	11°49'	47°1'	485.3	6148	-6.6	-22.2	115/7	081/13 kts	✓	✓	021
8	981820066	211750	13°30'	47°1'	465.9	6468	-9.0	-16.5	123/9	110/12 kts	✓	✓	023
9	974510038	213918	15°15'	47°0'	466.3	6470	-8.7	-16.6	077/8	110/12 kts	✓	✓	025
10	981820038	220212	17°1'	47°5'	466.5	6474	-8.5	-31.3	067/14	092/15 kts	✓	✓	028
11	981820035	222418	17°0'	49°1'	466.1	6480	-8.8	-16.4	108/19	110/17 kts	✓	✓	030
12	981820167	225138	15°28'	50°59'	445.4	6845	-6.2	-21.3	155/27	135/25 kts	✓	✓	034
13	981810045	230425	14°46'	51°1'	427.1	7136	-10.3	-33.2	183/28	143/25 kts	✓	✓	035
14	982630075	231455	14°5'	51°6'	427.2	7135	-10.2	-33.4	189/26	"	✓	✓	037
15	982720276	232850	14°2'	52°16'						GPS acquisition slow	✓	✓	039
16	981750011	232959	14°3'	52°22'						Backup, but much data, assumed	✓	✓	040
17	982640216	233825	14°3'	53°2'						rainband HBL 68 SFC 44	✓	✓	041
18	981750008	0000304	15°25'	51°21'						rainband	✓	✓	045

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Storm George  
 Flight ID 980719H  
 Mission ID WX07A George

Dropsonde Scientist(s) Camache / Aberson  
 AVAPS Operator(s) Carpenter

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 Takeoff 175220 UTC  
 Landing 0230 UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GALT (m)	T (°C)	TD (°C)	WDWS (kt)	Comments	Pro ?	Xnd ?	
19	981820019	000811	15° 34'	59° 46'									
20	981820011	001120	15° 46'	59° 4'						SST = Y eyama OBS 82ms <sup>-1</sup> 232m	✓	✓	060
21	973720021	001338	15° 53'	59° 9'						rip	✓	✓	061
22	974150010	002146	16° 9'	59° 39'						SST = Y eyama NW 940mb 1025/104 SFC	✓	✓	062
23	981750001	003230	16° 16'	59° 28'						rainband 65kt SFC	✓	✓	064
24	981740056	003838	15° 57'	59° 12'						rainband	✓	✓	065
25	981820065	004900	15° 29'	59° 8'						SST = 28.6 eyama 123m	✓	✓	066
26	974730072	004733	15° 24'	59° 54'						eyama 13m low level wind	✓	✓	067
27	981820016	004330	15° 55'	59° 54'						SST = 28.6 eyama NE 150kt @ 100m	✓	✓	068
28	981820058	005000	16° 21'	59° 37'						eyama NE 165kt @ 60m	✓	✓	069
29	982630003	010229	16° 24'	55° 7'						rainband 61.5 kt SFC	✓	✓	067
30	981820011	010154	16° 1'	55° 10'						rainband	✓	✓	071
31	982720291	011232	15° 45'	55° 14'						SST = 28.6 eyama NE 157kt @ 57m	✓	✓	068
32	982630078	011451	15° 36'	55° 16'						eye 940mb	✓	✓	069
33	975020049	012117	15° 11'	50° 14'						SST = eyama 13	✓	✓	070
										rainband	✓	✓	072