

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm Georges
 Flight ID 980919n
 Mission ID 0307A Georges

Dropsonde Scientist(s) Franklin, Rogers
 AVAPS Operator(s) McMillan, McNamara

Page 1 of 2
 Takeoff 173345 UTC
 Landing 012730 UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	TD (°C)	WDWS (kt)	Comments	Pro ?	Xmt ?
1	974510014	175625	15.5	65.0	294.3	9769	-32.3		179/10.6	CLIMBING/ORBITING/ 10% Cu	✓	X
1X	974530077	181021	15.5	65.0	193.6	12532	-54.0		181/17	10% Cu	✓	01
2	982630073	183331	13.0	65.2	193.7	12524	-54.1		190/12	10-20% low Cu, slow fall initially	✓	02
3	974730020	185540	13.0	68.0	175.9	13106	-59.9		207/8	20% low Cu, styrofoam ^{no signal}	X	X
3A	973840094	190700	13.6	69.3	175.8	13118	-59.8		232/15	clear, styrofoam*	✓	03
4	974530098	192309	14.7	70.8	175.7	13118	-60.1		198/12	thin cirrus, 5% low Cu, ^{styrofoam}	✓	04
5	974530005	195130	17.1	68.0	176.2	13113	-60.0		210/14	5% low Cu, thin cirrus, ^{styrofoam}	✓	05
6	974740047	200935	19.5	68.0	176.3	13106	-60.3		205/19	20% Cu, Acu, styrofoam	✓	06
7	981040040	202947	22.0	67.8	176.3	13116	-58.6		184/16	5% low Cu ^{no pressure} styrofoam	X	X
7A	982720272	203047	22.0	67.6	176.3	13115	-58.9		183/15	5% low Cu, ^{slow fall at first} styrofoam	✓	07
8	974940060	204749	22.0	65.3	176.3	13127	-60.1		216/14	5% low Cu, slow fall to 370s, ^{foam}	✓	08
9	974530046	210735	22.0	62.7	159.9	13737	-62.8		176/12	5% low Cu	✓	09
10	981750092	212756	22.1	59.9	159.9	13753	-63.1		235/12	5% low Cu, ^{no signal} foam	X	X
10A	982720287	213000	22.3	59.7	160.0	13754	-62.7		247/12	5% low Cu, foam	✓	10
11	973910049	214855	24.1	58.0	160.0	13736	-62.3		268/18	10% Cu, haze, foam	✓	11
12	992720298	220458	26.0	58.0	160.0	13716	-63.8		315/15	80% Scu, foam	✓	12
13	982710016	222228	28.0	58.0	160.0	13705	-64.9		309/15	DARK FOAM	✓	13
14	973730056	224853	30.0	60.6	160.0	13709	-63.4		323/20		✓	14

* no foam unless otherwise indicated

[#] sensor failure

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Dropsonde Scientist(s) ROGERS, FRANKLIN, WHITE
 AVAPS Operator(s) JOHN HILL, J-C., MCNAMARA, McMILLAN

Page 2 of 2
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SATCON Failures

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAlt (m)	T (°C)	TD (°C)	WDWS (kt)	Comments	Proc ?	Xmit ?
15	982630011	230804	29.7	63.0	145	14301	-66.5		241/7		✓	15
16	982430018	232234	28.0	63.0	145	14307	-67.6		279/4		✓	16
17	982430087	2340:17	25.9	63.2	145	14327	-66.2		279/10	NO FOAM 031/1kt	✗	✗
17A	924510076	2343:26	26.0	63.6	144.9	14335	-66.6		275/8	NO FOAM	✗	✗
17B	924510095	2348:09	26.0	64.2	144.9	14312	-67.5		248/6	NO FOAM	✓	17
18	982010119	0001:32	26.0	65.9	148.4	14327	-67.0		289/2	modified drop location FOAM	✓	18
19	981950035	0017:18	26.2	68.0	148.5	14327	-67.1		73/		✓	19
20	982430016	0032:40	29.0	68.0	145.0	14325	-67.3		10/6		✓	20
21	982430152	0049:56	30.0	67.9	145.0	14332	-65.0		9/9		✓	21

01/01/00