

19991014NI-DROPS

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm IRENE Flight Director DAMIANO Page 1 of 2
 Flight ID 991014n Dropwindsonde Scientists LANDSEA/GOLDENBERG Takeoff 1731 UTC
 Mission ID N07A9 0613A IRENE AVAPS Operators GOLDSTEIN/LIND/DONNA KEENE Landing UTC

d.19991~1.6

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	BT SST (°C)	Location Comment	Comments	Pro. <i>(check)</i>	Ob #
1	985035296	182503	23.25	78.44	1000.7	155/21	150/23	—	E of 6	in thin cloud - switch to RHZ	✓	1
2	985035043	184001	22.33	77.17	1010.3	150/10	150/12	—	E of 6	in thin cloud	✓	2
3	982430141	185446	21.42	75.34	—	—	—	—	E of 6	90% str cu below <u>NO PRESSURE</u>	—	—
3A	984325533	185539	21.36	75.23	1010.4	—	135/8	—	E of 6	— no winds below 150m	✓	3
4	985035014	190924	20.43	73.57	1011.1	135/13	185/13	—	ESE of 6	in thin cirrus, 100% str cu below	✓	4
5	984715081	192935	19.50	75.50	1000.5	—	—	—	ESE of 6	in cloud <u>very spotty winds</u>	✓	5
5A	984325176	193133	19.50	75.74	1000.5	130/15	140/13	—	ESE of 6	in cloud - slow fall - 1805	✓	6
6	984715091	194959	19.52	78.00	—	—	—	—	SE of 6	in cloud <u>NO WINDS</u> <u>FAST FALL</u>	—	—
6A	984325173	195140	19.63	78.17	1008.5	155/11	160/12	—	SE of 6	in cloud (no winds until 1405)	✓	7
6B	984325248	195710	20.03	78.40	1008.3	125/22	175/24	—	SE of 6	cloudy - slow fall first 3005	✓	8
7	984325468	201012	20.04	80.00	1007.0	150/27	160/26	—	SE of 6	cloudy	✓	9
8	985035115	202447	20.00	81.50	1005.1	200/29	205/31	—	SE of 6	cloudy - slow fall first 3005	✓	10
9	984325499	203934	19.00	83.00	1006.4	—	—	—	SSE of 6	cloudy <u>NO WINDS</u>	✓	11
9A	984325341	204121	18.88	83.19	1006.2	—	220/17	—	SSE of 6	cloudy - slow fall 4005	✓	12
10	984325550	205359	18.04	84.50	1007.3	230/17	250/14	—	S of 6	cloudy - flaky winds near str.	✓	13
11	984325148	210857	18.25	86.42	1006.6	275/13	285/12	—	SW of 6	in thin cloud, 25% cu below	✓	21
12	983410130	215222	18.81	91.90	1008.6	350/16	5/16	—	"	mainly low cu (no %?) - slow fall some towers first 4205	✓	14
13	984715090	220528	20.40	92.95	1009.8	360/14	015/9	—			✓	15

Had to restart SATCOM

Had to restart SATCOM
 processed but no winds went out

slow fall until 3005
 Had to restart SATCOM and again

restart SATCOM
 had to restart from 4005
 did not

988 - 20547
 23° 2' 82° 35'

Radar
 FA 2240'
 8235'

200 mb

Chris

Stan

How do you do global reports in excel

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm IRENE Flight Director Barry Damiano Page 2 of 2
 Flight ID 991014n Dropwindsonde Scientists Landsa/Roldenberg Takeoff 1731 UTC
 Mission ID NOAA9 0613A IRENE AVAPS Operators Foldskin/Lino/Donna Keene Landing UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	BT SST (°C)	Location Comment	Comments	Ob #
14	984325178	221825	21.95	92.9	1009.7	—	—			10% Cu below ^{good pth} NO WINDS 16	
14A	984325378	222013								Thin Alt Str below, 10% Cu below	
15	984715154	222701	22.0	91.75	1009.9	03518	04020			u u u u u u u u u u	17
16	984325174	224414	22.06	89.47	1008.3	02525	03025			10% below "	✓ 18
17	984325232	230229	23.82	88.00	1008.8	03024	03527			5% below	✓ 19
18	984325254	232050	25.665	86.5°	—	—	—			20% below NO WINDS	✗
18A	984715281	232240	25.86	86.34	1009.6	04025	04027			" (winds back till 67 sec)	✓ 20
19	984715094	233752	27.48	85.18	—	—	—			5% NO WINDS	✗
19A	984325543	233925	27.50	85.35	1010.2	—	04524			5% 5% (1761) *	✓ 22
20	984325403	235640	27.47	87.50	1012.6	05020	05021			20% ?	✓ 23
21	984715115	001259	26.25	88.99	1011.5	04523	04523			DARK	✓ 24
22	984325489	002915	25.02	90.51	1011.7	03518	04520				✓ 25
23	984325466	005113	25.09	93.20	1013.1	04516	05016			note 3/9 (cont with table program) 566	✓ 27
24	985035288	011126	27.47	93.12	1015.0	05514	06015				✓ 26
25	985035044	012937	27.57	90.50	1014.6	05515	05518			LAST REPORT	✓ 28

NO WINDS
 15 launched a bit early since both for 14 were no winds

corrected

949

* maybe site pressure low, upper level height low

2338-
 23 07 989mb
 82 45

22102 09N 350 Dkt
 23 42W
 82 987mb