

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm IRENE Flight Director DAMIANO Page 1 of 2
 Flight ID 991014u Dropwindsonde Scientists LANDSEA/GOLDENBERG Takeoff 1731 UTC
 Mission ID NOA9 0613A IRENE AVAPS Operators GOLDSTEIN/LIND/DONNA KEENE Landing UTC

d/1999/1.6

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	BT SST (°C)	Location Comment	Comments	Lat	Ob #
1	985035296	182503	23.25	78.44	1000.7	158/21	158/23	—	E of 6	In thin cloud - switch to RH2	✓	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	40% str cu below (NO PRESSURE)	—	—
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	135/3	185/3	—	ESE of 6	in thin cirrus, 100% str cu below	✓	4
5	984715081	192935	19.30	75.50	1004.5	—	—	—	ESE of 6	in cloud - very spotty winds	✓	5
5A	984325176	193133	19.50	75.74	1004.5	120/15	140/13	—	ESE of 6	in cloud - slow fall - 1805	✓	6
6	984715091	194959	19.52	78.00	—	—	—	—	SE of 6	in cloud (NO WINDS) (FAST FALL)	—	—
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	—	E of 6	cloudy - slow fall first 3005	✓	8
7	984325468	201012	20.44	80.00	1007.0	150/27	160/26	—	SE of 6	cloudy	✓	9
8	985035115	202447	20.00	81.50	1005.1	200/24	205/31	—	SE of 6	cloudy - slow fall first 3005	✓	10
9	984325499	203934	19.00	83.00	1006.4	—	—	—	SSE of 6	cloudy (NO WINDS)	✓	11
9A	984325341	204121	18.88	83.14	1006.2	—	220/17	—	SSE of 6	cloudy - slow fall 4005	✓	12
10	984325530	205359	18.04	84.50	1007.3	230/17	250/14	—	S of 6	cloudy - flaky winds near str.	✓	13
11	984325148	210837	18.25	86.42	1006.6	275/13	285/12	—	SW of 6	in thin cloud, 25% cu below	✓	14
12	983410130	215222	18.81	91.90	1008.6	350/16	5/16	—	"	mainly low cu (no 2) - slow fall first 4205	✓	14
13	984715090	220528	20.40	92.45	1009.8	360/14	015/9	—	—	—	✓	15

Had to restart SAT

Had to restart SAT
 progress but my wind report o

slow fall until 3005
 Had to restart SAT and day

reset SAT
 had to restart from HUD
 did on

988 - 20542
 23°2' 82°35'

2240'
 82°35'

How do you do global replace in excel -

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Storm IRENE

Flight Director Barry Damiano

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Flight ID 991014n

Dropwindsonde Scientists Lan Lora/Goldenberg

Takeoff 1731 UTC

Mission ID NOAA9 0613A IRENE

AVAPS Operators Feldstein/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	—	—			Good pth	16
✓ 14A	984325378	222013								10% Cu below	16
✓ 15	984715154	222701	22.0	91.75	1009.9	03518	04020			Thin AH Str below, 10% Cu below	17
✓ 16	984325174	224414	22.06	89.47	1008.3	02525	03025			10% below "	18
✓ 17	984225232	230229	23.82	88.00	1008.8	03024	03527			5% below	19
✓ 18	984325254	232050	25.665	86.50						20% below NO WINDS	20
✓ 18A	984715281	232240	25.86	86.34	1009.6	04025	04027			" (winds bar till 67 sec)	20
✓ 19	984715094	233752	27.48	85.18						5% NO WINDS	21
✓ 19A	984325543	233925	27.50	85.37	1012.2	—	04524			5% > 350 = 1761	22
✓ 20	984325403	235640	27.47	87.50	1012.6	05020	05021			20% 3	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 31.9 (still able to pass)	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

15 launch a bit early stop both 14w 40 w/h

come

⊛ maybe site pressure low, 48 p's to see high low

2338-
2307 989mb
8245

22102 987mb
2307 987mb
8245