

N49RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm Isidore Dropwindsonde Scientists White/Goldenberg Page 1 of 2
 Flight ID 020923n Flight Director Paul T. Flaherty Takeoff from NacDill at 1734 UTC
 Mission ID 2510A ISIDORE AVAPS Operators Carpenter/Brogan Recovery at NacDill at ~0200 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	DLM wind (kt)	Comments	SATCOM tries	Ob #
01	013635138	181341	26°45'	78°0'	1012.0	75/4 7	300/04	IX = 1687 10 SPLASH	C/Ac	✓ 01
02	013945049	182900	26°29'	75°46'	1013.2	126/13 8	285/05	50% cloud cu	C/Ac	✓ 02
03	013635030	184044	25°22'	74°30'	1013.0	215/8 5	275/09	5% below used RH2		✓ 03
04	013248105	185153	24°17'	73°21'	1013.5	209/13 7	245/10	clear DRY		✓ 04
05	013635050	190423	23°7'	74°30'	1013.3	(47) 0mb	325/22 to 400	80% mostly low; no winds below 467 mb		✓ 05
06	013635238	191637	22°6'	75°44'	1012.4	156/14 19	225/03	90% noisy GPS signal low; at mid+upper levels	C/Ac	11/11. 06
07	013635264	192927	23°7'	76°45'	1011.1	171/14 8	220/03	100% ci "no end" message	C/Ac	07
08	013635225	194621	24°10'	78°15'	1010.6	144/15 8	255/04	100% low + some ci	C/Ac	11/11. 08
09	013635052	200337	23°45'	80°22'	1009.5	138/9 5	205/07	100% ci		09
10	013635048	202527	23°15'	83°0'	1007.9	145/14 7	165/23	" ; late winds		10
11	013515034	204558	22.52	85.55	1003.3	115/26 8	155/27	100% ci sfc low??		11
12	013248114	210056	23.26	87.22	1001.4	140/19 8	135/32	100% ci. Delayed launch detect 4.5 s Position slightly adjusted		12
13	013635029	211348	23.34	88.93	998.1	090/31 4	105/35	100% ci		13
14	013945003	213245	24.24	91.21	1000.1	060/22 5	065/21	50% - No storm		14
15	013635051	215205	23.30	93.45	1000.9	030/37 5	030/25	50% - No storm; late winds		15
16	013215137	221104	21.23	94.27	1000.3	345/29 8	360/28			16
17	013635031	222806	19.31	93.57	1000.6	320/37 5	335/35	100% Ci		17

WHY NOT SET V2 on Symmap (ADLR)

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Flight ID 020923n Flight Director Paul T. Flaherty Takeoff from MacBil at 1734 UTC

0A99
Mission ID 2510A ISIDORE AVAPS Operators Carpenter/Brogan Recovery at _____ at _____ UTC

[illegible]

020923n - Isidore -
002 mission

White/Goldenberg

27 sondes (only 1 total
failure)

called NHC ~ 740 pm

SATCON worked for most
of flight
Mainly saw storm clouds
in G of TX.

020924n - Isidore - 002 mission
White/Goldenberg

26 sondes -

Takeoff 1532

called NHC ~

Land - 0136Z

SATCON worked for just 1st 2

Rest by Iridium

Mike Black thought he had fixed
SYNMAP part of editsonde but
it was not successful.

26 SATCON - no failures

Used up fix.exe to

fix time problem

on sonde # 20

2 → 3 -

020925n - LILI (002 mission)
White/Goldenberg

Center NHC -

? 's for SON

→ How to do ion concentration

→ Need to trim 9/26 track

21 planned drops -

~~5~~ 5 backups used

Added 3 sondes near
"Center" of LILI -

fixed problem with synmap
within EDITSONDE by
changing geography option
(on synmap - ctrl ?) to (N).
Geography file is corrupted

Takeoff - 1728

MacDill

Land - 0117

St Croix

Dir 3 sondes near "Center" -
showed center N 130, 70W