AVAPS – behind 2 sec.

(435)

Use ~ 25, 85 182
26, 85.5 002
27, 86 062

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm: Frances SURVEILLANCE
Flight ID: 980916n
Mission ID: Ø2XXA

HRS
Dropsonde Scientist(s): Stan Goldenberg
AVAPS Operator(s): Juan C. Prados / John Hill
Sean McMillan / Richard McNamara (installation winner)

Page 1 of 2
Takeoff 175208 UTC
Landing 0223 UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAlt (m)	T (°C)	Dew TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?	
1	974530063	181603								plane below 41k & Broken clouds 1011.7	✓	01	first failure
2	982630104	183008							168/68	100% clouds	✓	02	
3	981750076	184515						08022	175/22	50% (-9m ?)	✓	03	
4	981950031	185929						08018	052/24	2% -4m	✓	04	
5	982430119	191355						07018		10% -11m	✓	05	
6	981750078	193014						09015	296/19	100% somewhat noisy -23m but ok (drop off)	✓	06	
7	982630077	194645						06008	333/20	2% -33m	✓	07	X
8	982640250	200440						08510	346/32	50%, Cb's in area (w/ overshoots) RH2 (11m)	✓	08	
9	982720278	202335						30009	002/29	1% bear (shield above) RH2 16m	✓	09	
10	982630032	204512						26505	350/36	in shield, turbulence (lots of drop off) RH2 (kg w/ 00-10)	✓	10	
11	981810037	210744						06504	010/32	2% wx (1.5) (107-113) -14m RH2	✓	11	
12	982430175	212856						03509	041/26	2%	✓	12	
13	982430151	215156								80% (No winds)			
13A	982720292	215337						07005	131/33	20% 44-68, 33-40	✓	13	
14	982630030	221233							179/32 24m	<1% (321 kg-1-P mag) ended at 921.5 mb RH2	✓	14	conn. failure
15	982640217	222708						20001	191/22 29m	0%	✓	15	
16	981810038	224800								2% No winds			
16a	982630034	224927						16008	151/19 18m	2% Beautiful winds	✓	16	

> → "5 chan"
| → lots of noise
(→ no tone

{ just dial tone
X Connector failure

Next current C... [illegible]

Sent - [illegible]

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm SURVEILLANCE
Flight ID 980916n
Mission ID Ø2XXA

Dropsonde Scientist(s) Stan Goldenberg
AVAPS Operator(s) Pradas/Hill/McMillan/Namara

Takeoff 175208 UTC
Landing 0223 UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAlt (m)	T (°C)	TD (°C)	WD/WS (kt) initial sonde winds	Comments	Prc ?	Xmt ?
17	981810042	231011						065/03	105/14 16 sec.	cirrus-100%	✓	17
18	982640222	232715						150/12	053/28 26 sec	.05%	✓	18
19	982720271	234616						150/19	062/34 49 sec	2%	✓	19
20	981810041	000212						140/17	055/26	5% (dark)	✓	20
21	982630082	002017						145/21	060/21	(just past radar echo)	✓	21
22	981820042	003524						150/22	054/16	Amid st convection	✓	22
23	982630106	004627						160/11	118/12 28 sec.	RH2	✓	23
24	982630027	010339						145/11	149/11 23 sec		✓	24
25	982630001	012148						135/16	120/07		✓	25
26	982640219	014008						145/14	150/13		✓	26
27	982640252	015528						130/19	143/23 (73 sec)		✓	27

Lightning

Last Obs

LAST MSG

Barry - 400/sfc
200