

19980828N7 DROPS

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm DanielleFlight ID 980828NMission ID 0504A DanielleDropsonde Scientist(s) Franklin, KaplanAVAPS Operator(s) PradasPage 1 of 2Takeoff 172747 UTCLanding 0223 UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?
1	982010111	181146			slow fall						✓	1
2	982430190	182615			slow fall					5% low-level strato-cu	✓	2
3	974510020	184215								20% low-level strato-cu	✓	3
4	974740060	185903								upper-level cirrus + 30% low-level cu	✓	4
5	973840037	191656								1% low-level strato-cu	✓	5
6	974530095	193339								<10% low-level strato-cu	X	X
6a	973840116	193528									✓	6
7	973840043	195134								20% low-level cu	✓	7
8	974150009	201438								FLT level cirrus	✓	8
9	974530031	203615								WET BULBING, RH Low added 10%, FLT level cirrus	✓	9
10	974150011	210100								NO low-level cu	✓	10
11	974530013	211335								5% low cu	✓	11
12	974540052	212852								10% low cl	✓	12
13	982010030	214150								370/15 Slow	✓	13
14	982010028	215803								128/20 20% low cu 164/6	✓	14
15	981950039	221313			slow fall						✓	15
16	981950037	222936								20% low-level cu	✓	16
17	974510060	224138								2 cloud-decks below FLT Lvl	✓	17

0-45 ~ 2 m/s ✓

244-336 2 m/s to ✓

051
1016x

175

1015.6

2

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Storm DANIELLE
 Flight ID 980828N
 Mission ID 0504A DANIELLE

Dropsonde Scientist(s) Franklin, Kaplan
 AVAPS Operator(s) _____

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 Takeoff _____ UTC
 Landing _____ UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?
18	974530021	225631								Quest. fr. winds (alt) <u>✓</u> BIASES	✓	18
19	974510024	231335									✓	19
20	974150038	233244								PTH fault early	✓	20
21	973720056	234733								LONG RELEASE	✓	21
21A	973720054	234835								LONG RELEASE	✓	21
22	974150014	000315								Curlew started data collection late.	✓	22
23	974150034	002345								PH2/WINDS FALT 1XEND-2	✓	23
24	974150015	003752									✓	24
25	974510078	005511								NEED BY FTP ✓	✓	25
26	974530053	010746								NEED BY FTP ✓	✓	26
27	974510066	011825								FTP ✓	✓	27
28	973720097	013524								PH2	✓	28
29	974510114	015111									✓	29

MANS DOWN ~ 0110 →