

FLT ID: ~~N980829~~ N980829 FM: KOPF TO: KOPF
 FLT NO: 98-044 BLK IN: 02:38 RTA: 0235Z
 ETD: 1730Z BLK OUT: 1720Z ATD: 1728Z
 ETE: BLK TIME: 9:18 FLT TIME: 9:07
 SPONSOR ORG: NHC PROGRAM: SURVEILLANCE PURPOSE: H. DANIELLE

OAD PERSONNEL

AC	PLAYER	SYS ENG	HILL
CP	MAXSON, FINKE, McCANN ✓	DATA SYS	PRADAS-BERGNES
NAV		RADAR	
FE	KITSON	BT/ODW	McNAMARA
RADIO		CLD PHYS	
FD	D. AMIRAND ✓	DOPPLER	

PARTICIPATING SCIENTIST/VISITORS/OAD

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
FRANKLIN ✓	HAPS	HRD
KAPLAN	HAPS	HRD
WHITE ✓	PM	AOC
WINTER	OBS (DIRECTOR AOC)	AOC

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)
 1943Z TT jumps N42 + N43 late getting off due to fuel problems
 1953-1959Z
 OVR CBS

Child test DPL
 2110Z -73.65°

U.S. DEPT. COMM./NOAA/ORD - DATA SECTION WORK FORM NO. 2 OROWF2 FILE

FLT ID: *N980829* TIME OFF: *1728Z* TIME ON: *0235Z*

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	<i>1015.6</i>	30.00 <i>29.99</i>	<i>1015.8</i>	<i>29.99</i>

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES	<i>1</i>	
FAST FLT LVL TAPES		
RADAR TAPES		
DOPPLER TAPES		
DDW CASSETTES		
HARD COPIES		
AXBT		
AXCP		
DATA <i>GPS</i>	<i>29</i>	<i>29 messages sent</i>

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

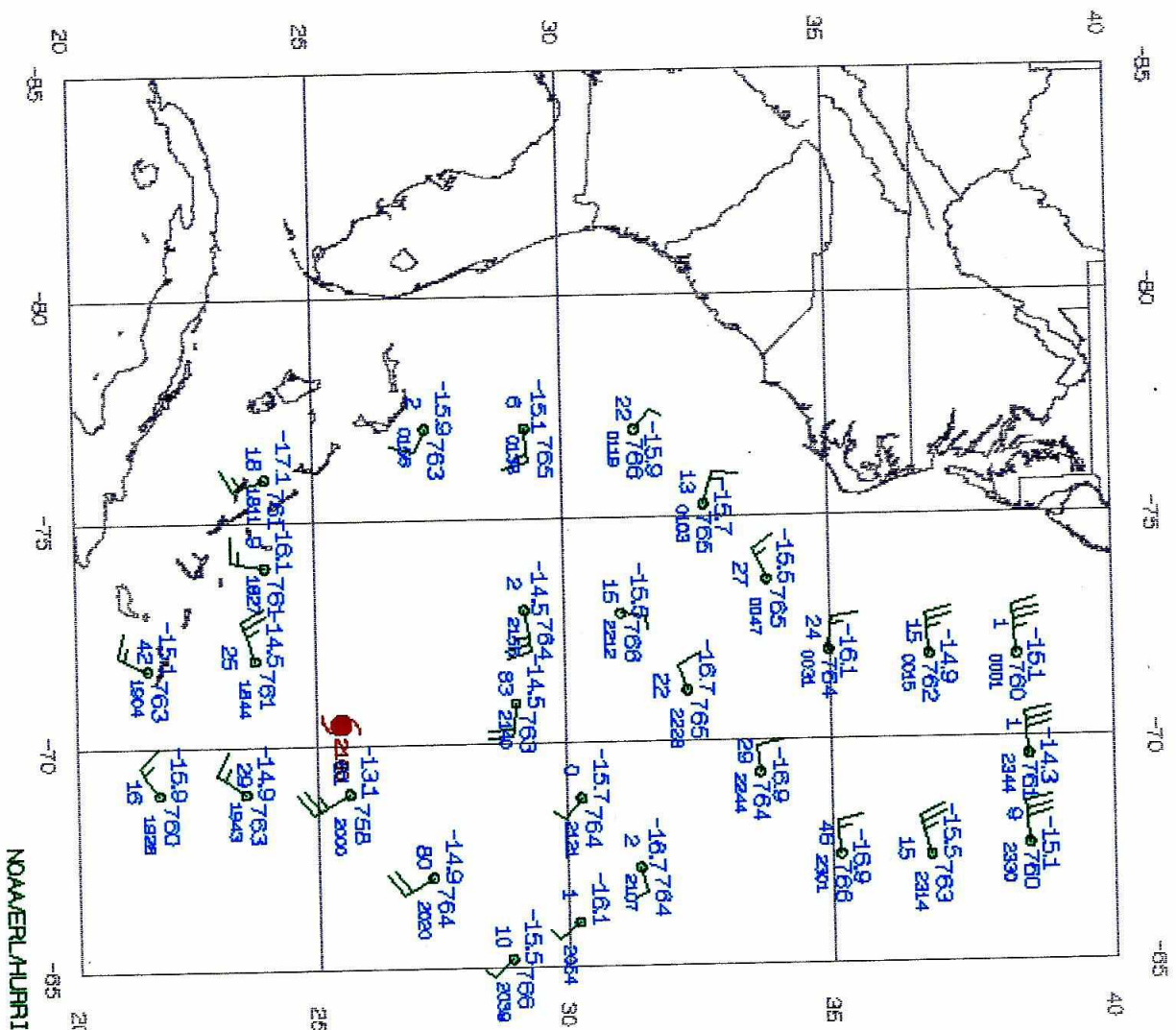
REMARKS

0228Z DPL not responding to moisture clouds

N980829

m/s

TIME	LAT	LOX	TRK	HD	WD	WS	TA	TD	PA	GA	PS		P0
180400	2422	7641	120	119	119	36	-57.8	-70.1	12561	13162	175.8	CLR	84.9
181116	2400	7557	92	91	104	33	-58.0	-68.2	12557	13168	175.8	DROP	88.9
181910	2400	7501	90	89	98	29	-57.7	-59.2	12562	13176	175.8	INCLD	88.3
182737	2400	7400	90	89	90	25	-58.2	-60.3	12560	13185	175.9	DROP	89.6
183600	2400	7259	90	87	73	24	-58.3	-61.9	12559	13185	175.7	INCLD	86.9
184452	2347	7200	180	176	74	10	-58	-58.7	12561	13193	175.7	DROP	89.1
185600	2224	7200	180	175	99	16	-57.4	-61.9	12564	13181	175.7	THU CLD	90.4
190422	2130	7147	89	86	80	24	-56.7	-62.9	12558	13176	175.8	DROP	87.8
192400	2130	6925	90	88	79	23	-58.3	-62.7	12556	13165	175.8	CLR	87.6
192822	2142	6900	0	3	61	18	-58	-64.4	12554	13170	175.9	NO W	DROP 87.3
194314	2330	6900	0	1	46	13	-57.4	-62.2	12554	13188	176	DROP	87.4
195200	2433	6900	0	0	61	6	-57.4	-61	12552	13202	176	CLD	90.0
200011	2534	6855	37	37	79	8	-57	-61.1	12554	13201	175.9	DROP	87.5
200900	2619	6803	45	45	80	8	-58.2	-66.9	12553	13198	176	ABU -CLD	88
202012	2715	6700	45	43	21	7	-58.5	-65.4	12546	13196	176.1	CLD	87.6
203100	2810	6558	45	45	72	8	-57.2	-66.4	12547	13207	176.1	BTN CLD	87.6
203905	2850	6511	46	45	61	13	-58.1	-66.8	12549	13214	176.1	DROP	89.8
205400	3015	6600	326	326	27	4	-62.2	-68.7	13133	13825	159.7	DROP	80.8
210724	3122	6712	230	228	184	6	-61.5	-68	13132	13829	159.7	DROP	80.5
211900	3028	6827	230	227	171	8	-61.5	-68.7	13131	13826	159.7	CLR	79.5
212142	3015	6845	231	228	173	8	-61.2	-68.9	13132	13818	159.8	DROP	79.9
213400	mean CB'S												
213600	ABEAN X CB ABU own flt level ~ 20 NM away												
214021	2900	7050	270	268	168	5	-62.4	-68.2	13129	13805	159.8	NR CB	DROP 79.3
215642	2913	7300	0	0	110	5	-62	-71.3	13129	13808	159.8	DROP	84.0
221211	3105	7253	44	45	78	7	-62.3	-72.3	13123	13804	159.9	DROP	79.4
222400	3200	7138	50	49	161	2	-62.1	-72.3	13126	13805	159.9	CLR	80.3
222806	3220	7110	50	48	220	3	-62	-72.3	13127	13803	159.9	DROP	79.5
224424	3340	6920	49	48	134	5	-59.7	-71.4	13128	13806	159.8	DROP	80.0
225100	3412	6835	48	49	150	7	-59.9	-71.9	13127	13814	159.9	CLR	80.1
230127	3507	6730	0	357	220	6	-60	-71.8	13126	13815	159.9	DROP	80.4
231000	3611	6730	0	356	283	12	-64.7	-73	13702	14390	145.0	CLR	70.8
231443	3645	6730	0	355	280	15	-64.2	-73.6	13700	14387	145.0	DROP	73.0
233032	3830	6747	270	269	268	27	-63.5	-72.4	13702	14361	145.0	DROP	72.6
233900	3830	6857	270	267	258	25	-64.1	-71.9	13704	14366	144.9	CLR	72.9
234438	3830	6945	270	267	252	27	-63.6	-72	13703	14357	144.9	DROP	72.9
235600	3830	7120	269	266	249	27	-63.4	-72.6	13704	14351	144.9	CLR	72.3
000154	3817	7200	180	183	223	22	-63.3	-73.4	13705	14355	144.9	DROP	73.2
001533	3645	7200	181	181	196	22	-63.9	-74.4	13701	14374	144.9	DROP	72.5
003148	3457	7205	223	222	204	19	-64.2	-75.3	13699	14397	145.0	DROP	72.0
004700	3350	7340	230	229	231	18	-66	-75.9	13699	14398	145.0	DROP	72.8
005500	3315	7430	230	227	217	17	-66.7	-76.1	13701	14392	145.0	—	72.5
010301	3240	7520	230	228	211	15	-66.8	-75.8	13702	14393	145.0	DROP	72.4
011600	3143	7642	230	226	182	15	-67.4	-75.5	13706	14400	144.9	—	73.0
011945	3123	7700	185	182	172	18	-67.5	-75.4	13708	14394	144.9	DROP	72.3
013100	3007	7700	180	178	163	17	-67.8	-75.1	13706	14388	145.0	—	72.0
013840	2915	7700	181	178	165	19	-66.9	-75.1	13700	14392	145.0	DROP	72.1
015629	2716	77	180	176	151	20	-66.9	-75.6	13701	14357	145.1	DROP	73.5
021100	2642	7845	259	255	172	8	-76.3	-33.3	7353	7744	390.5	(29)	155.2



DANIELLE

400 mb

Date: 980829
Time: 18-30 UTC

EARTH RELATIVE
NOAMER/LHURRICANE RESEARCH DIVISION

6804A

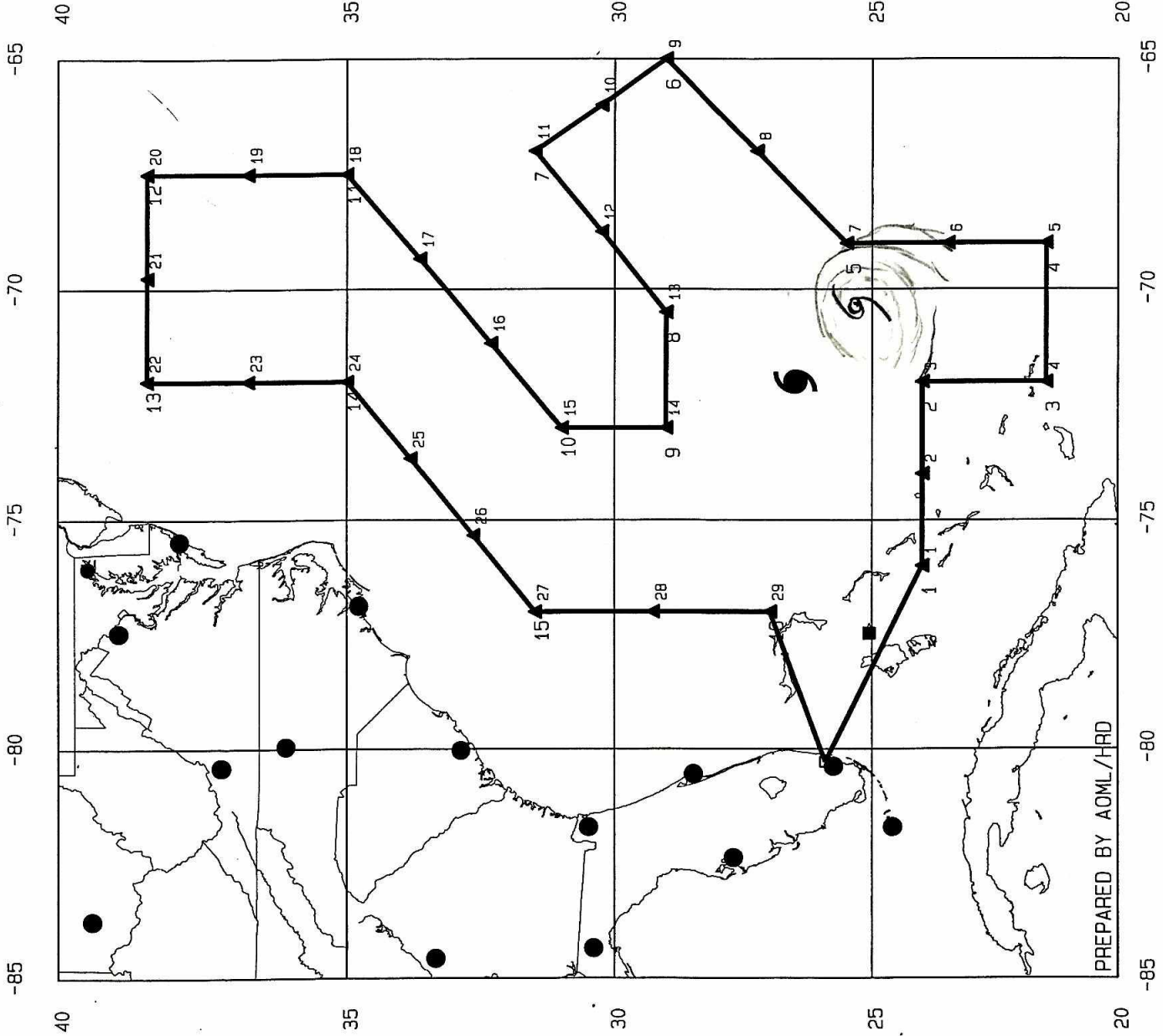
FLIGHT TRACKS
DANIELLE

— 980829np.ftk

RAWINSONDES 9807

- Regular
- 12Z only
- 00Z only
- Infrequent
- Infrequent - 00Z
- Infrequent - 12Z

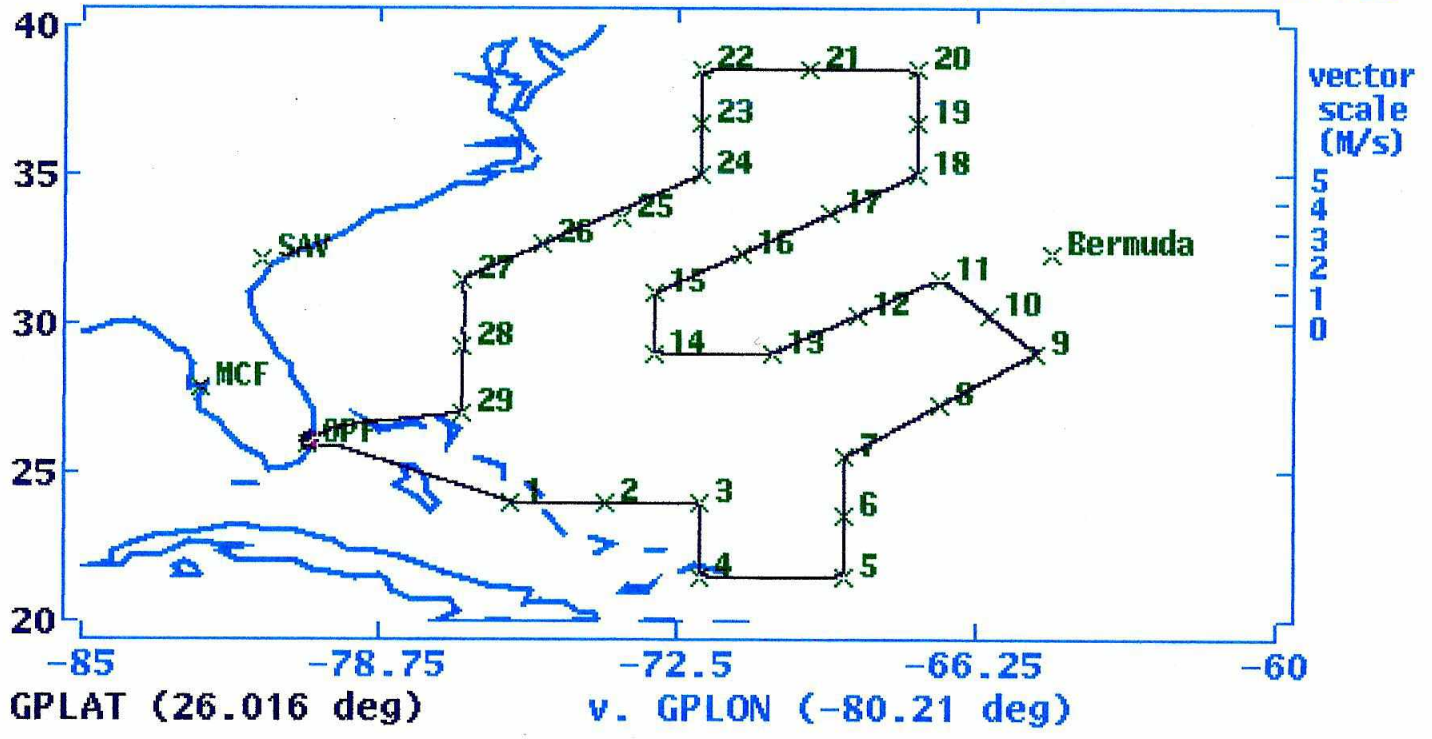
▲ DROP LOCATIONS



PREPARED BY AOML/HRD

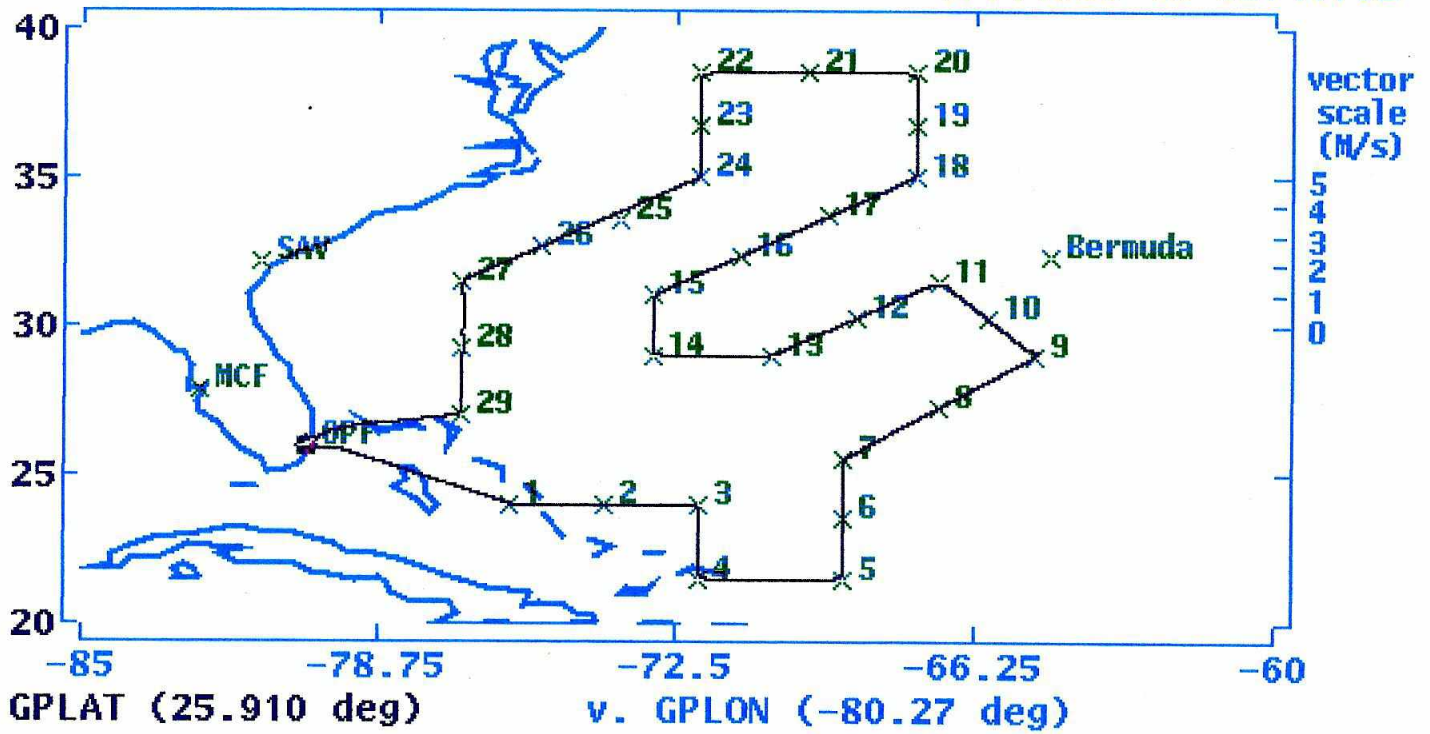
'JCPB1' (winds@eider) Proj. 420 Flt 10 Aug-30-98 02:27:32

17:14:30 to 02:27:32



'JCPB1' (winds@eiger) Proj. 420 Flt 10 Aug-30-98 02:41:02

17:14:30 to 02:41:02



N49RF Hurricane 98 AVAPS DropSonde Log

N49RF Project: Hurricane 98 Flight ID: 980829N

Mission: HU DANIELLE Flight #: 10 System Status: OK

Drop #	Sonde Serial Number	Chn #	Time (Z)	Press. offset	Winds time	Operator	Comments / Drop Status	GOOD <input checked="" type="checkbox"/>
1	974 530 037	1	1811	-0.1	30	JCPB		✓
2	974 530 054	2	1827	-0.3	45	JCPB		✓
3	974 530 111	1	1844	-0.4	45	JCPB		✓
4	974 510 070	1	1904	-0.8	50	JCPB		✓
5	974 740 132	1	1928	-0.3	76	JCPB		✓
6	974 530 006	2	1943	-0.4	51	JCPB		✓
7	974 530 090	1	2000	+0.1	41	JCPB		✓
8	974 510 062	1	2020	+0.1	36	JCPB		✓
9	974 510 072	1	2039	-0.3	59	JCPB		✓
10	972 630 014	2	2054	-0.3	31	JCPB		✓
11	974 510 027	1	2107	-0.6	44	JCPB		✓
12	974 510 059	2	2121	-0.6	19	JCPB		✓
13	974 510 037	1	2140	-0.1	21	JCPB		✓
14	974 510 019	2	2156	-0.6	24	JCPB		✓
15	974 510 075	1	2212	-0.4	26	JCPB		✓
16	973 840 039	1	2228	-0.3	28	JCPB		✓
17	974 530 107	2	2244	-0.4	19	JCPB		✓
18	974 510 081	1	2301	-0.4	26	JCPB		✓
19	974 530 082	2	2314	-0.2	35	JCPB		✓
20	974 510 003	1	2330	-0.3	23	JCPB		✓
21	974 530 023	2	2344	-0.6	19	JCPB		✓
22	974 510 085	1	0002	-0.4	23	JCPB		✓
23	974 -110 -034	2	0015	-0.5	23	JCPB		✓
24	974 510 089	1	0031	-0.4	22	JCPB		✓
25	974 540 025	2	0047	-0.3	15	JCPB		✓
26	974 510 112	1	0103	-0.2	61	JCPB		✓
27	974 530 081	2	0119	-0.5	39	JCPB		✓
28	974 510 035	1	0138	-0.3	33	JCPB		✓
29	974 510 056	2	0156	-0.4	23	JCPB		✓
30								
31								
32								
33								

NOAA/AOC/SED N49RF Flight Performance log – Hurricane 98

N49RF Project: Hurricane 98 Project No 420 Flight No. 10 Flight ID: 980829N

SED Crew: HIL PRADAS DAMIANO McNAMARA Mission: DANIELLE

Pre-Flight: 1300 Z Take-Off: 1728 Z Landing: 0235 Z

SYSTEM		Pre-Flight Check		In-Flight	Post-Flight	
N A V	IRS #1		✓ RJM			
	IRS #2		✓			
	IRS #3		✓			
	GPS Honeywell #1		✓			
	GPS Honeywell #2		✓			
	GPS Collins		✓			Off? <input checked="" type="checkbox"/>
	Nose Radar -Collins		✓			Off? <input checked="" type="checkbox"/>
	Time	Temp °C			Time	Temp °C
T E M P	Temp #1	1709	34.6	JCPB		
	Temp #2		34.2	↓		
	Temp #3		33.3			
	Temp #4		34.2			
	DP Left		21.5		Cal. Time:	
	DP Right		21.4	↓	Cal. Time:	
P R E S S	Attack Angle (ADCAOA)		✓ RJM			
	Slip Angle (BP/DBP)		✓			
	Differential (PQ1/PQ2)		✓	↓		
	Absolute (PS1/PS2)		1016.4 / 1016.5			
	Check Radome Press. Lines <input type="checkbox"/>		Date: 980827 CFH			
S Y S T E M S	DOWN PRT-5 ⇒ Open? <input type="checkbox"/>		N/A			Closed? <input type="checkbox"/>
	MADS (WINDS/DISCWIN)		✓ JWP			# DATs: 1
	MADS Printer ⇒ Paper? <input checked="" type="checkbox"/>		✓	↓		Printer Power off? <input checked="" type="checkbox"/>
	MADS Cal. Date: 08/18/98		QC time: 1716			QC time: —
	WINDS ⇒ NET BCAST <input checked="" type="checkbox"/>		✓ JWP			
	HAPS System / Time set? <input type="checkbox"/>		✓	↓		# Msg.: 29 # Fail: 20
	AVAPS System / Time set? <input type="checkbox"/>		✓	↓		
	AVAPS Printer ⇒ Paper? <input checked="" type="checkbox"/>		✓	↓		
	Exterior Walk Around <input checked="" type="checkbox"/>		JCPB			
	Inspect DropSonde Chute Bolts		RJM			
M I S S I O N	Satcom (Flight Phone) <input checked="" type="checkbox"/>		✓ RJM			Off CB? <input type="checkbox"/>
	Call COMSAT? <input type="checkbox"/> (*292#)		✓	↓		
	FCU/UPS/CB		CB's Checked? <input type="checkbox"/>			UPS off? <input checked="" type="checkbox"/>
	AVAPS Sondes		# On Board: 119	# Dropped: 29		# Good: 29
	AXBT		# On Board: —	# Dropped: —		# Good: —
	APN-232		✓ JCPB			
	Modem Power On? <input checked="" type="checkbox"/>		✓ RJM			

1	DAT Tape #1	On: 1745	Type: TDK 60	Off: 0239
2	DAT Tape #2	On:	Type: "	Off:

Comments:

TT #3 HEATER FAIL LIGHT ON BREAK OUT, LIGHT WENT OUT AFTER TAKE OFF