

LT ID: N980919	FM: TISX	TO: TXKF
LT NO: 98-052	BLK IN: 0134Z	ATA: 0128Z
ETD: 1730Z	BLK OUT: 1727Z	ATD: 1734Z
ETE:	BLK TIME: 8:09	FLT TIME: 17:54
SPONSOR ORG: NHC	PROGRAM: H-SURVEILLANCE	PURPOSE: H-GEORGES

OAD PERSONNEL

AC MAXSON	SYS ENG HILL
CP FINKE, McCANN	DATA SYS PRADAS-BERGNES
NAV	RADAR
FE KITSON	BT/ODW McNAMARA/McMILLAN
RADIO	CLD PHYS
FD DAMIANO	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAD

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
FRANKLIN	HAPS	HRD
ROGERS	HAPS	HRD
WHITE	PM	AOC

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)
 DROPPED two sonde at PT. 4⁵ Due to ATC altitude restrictions.
 2, 9, 88

U.S. DEPT. COMM./NOAA/ORO - DATA SECTION WORK FORM NO.2 DROWF2 FILE

FLT ID: *N980919* TIME OFF: *1734Z* TIME ON: *0128Z*

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	<i>1013.3</i>	<i>29.98</i>	<i>1017.6</i>	<i>30.09</i>

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES	<i>1</i>	
FAST FLT LVL TAPES		
RADAR TAPES		
DOPPLER TAPES		
ODW CASSETTES		
HARD COPIES		
AXBT		
AXCP		
ODR <i>GPS</i> : : <i>27</i>		

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

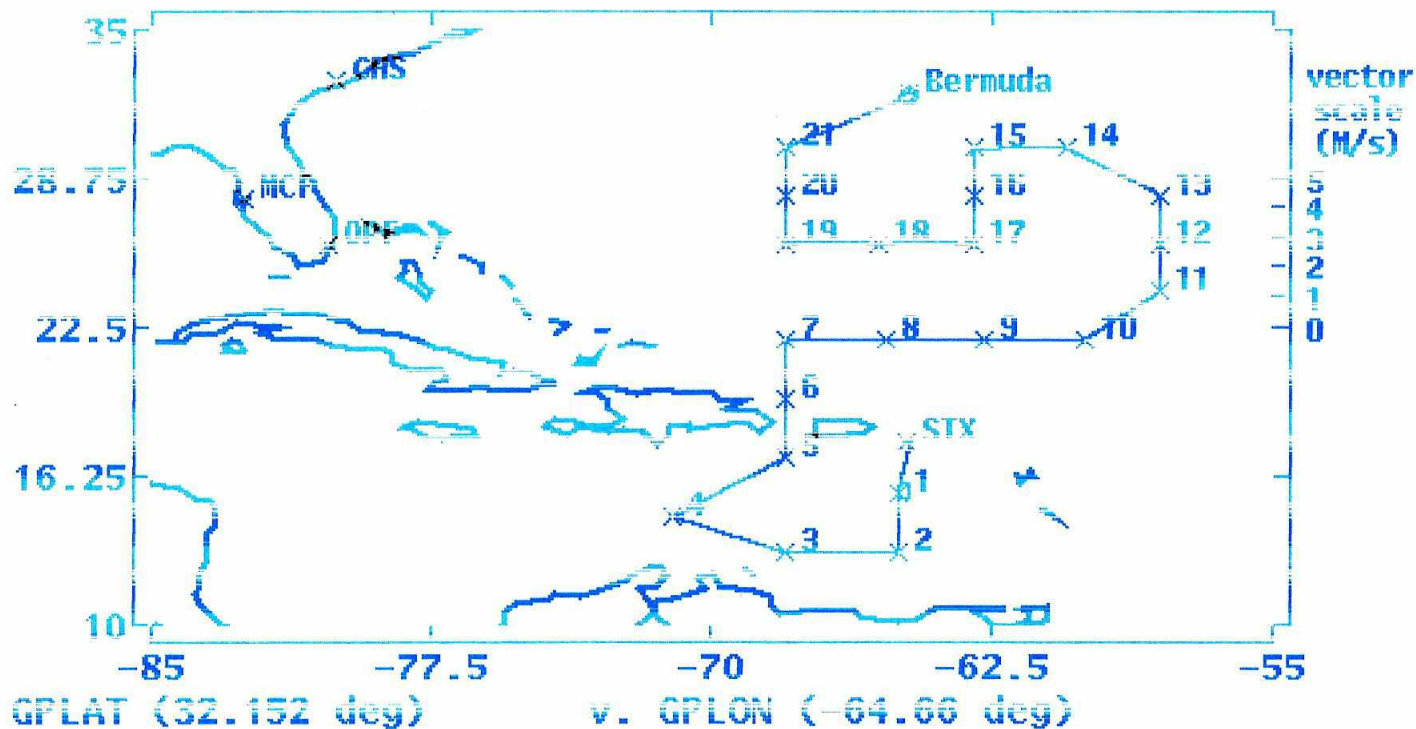
REMARKS

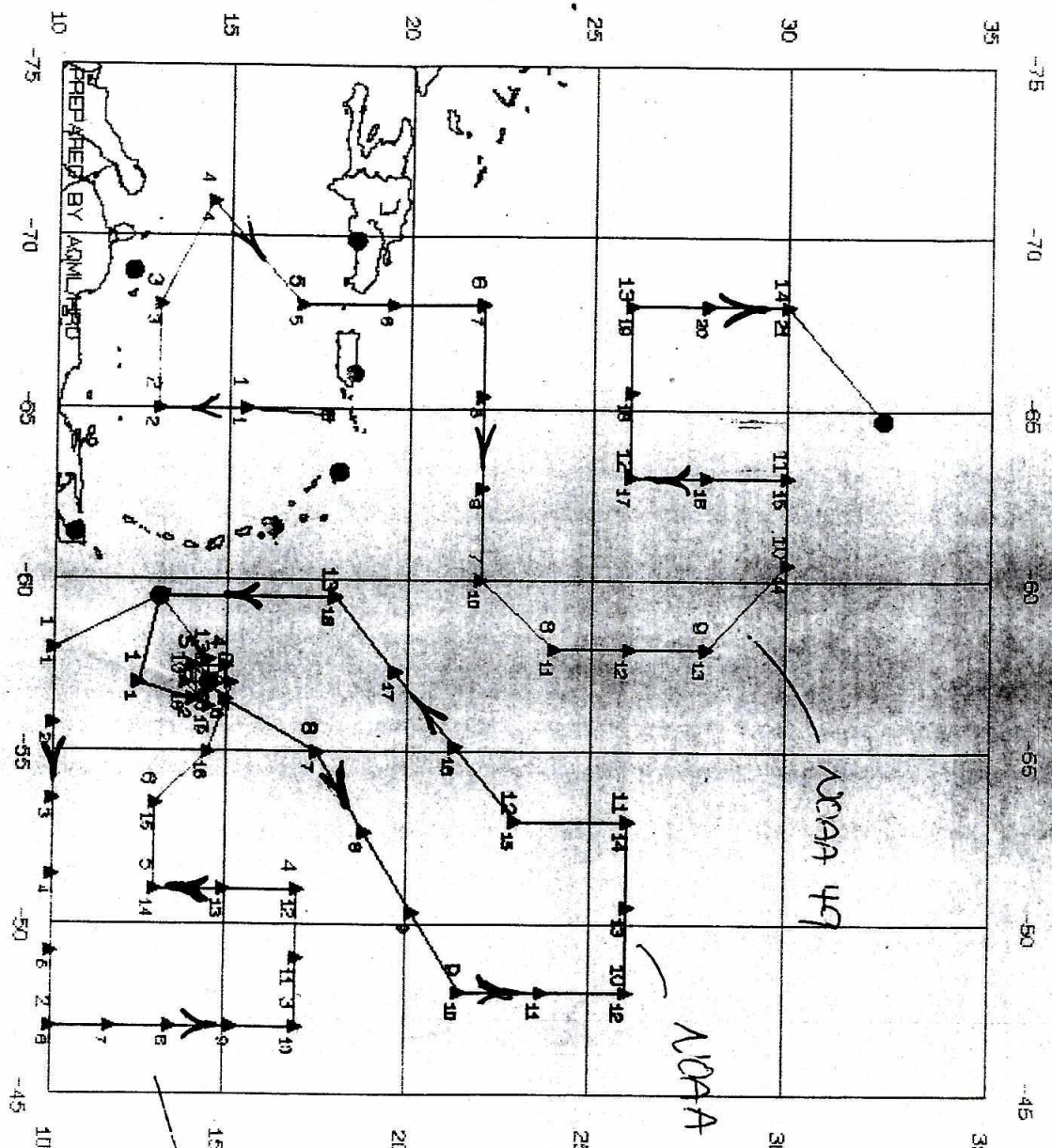
N9809109

TIME	LAT	LONG	TRK	HD	WD	WS	TA	TD	PA	CA	PS		PO
175626	1530	6500	183	180	173	13	-32.5	-44.4	9455	9980	286		DROP 127
181020	1530	6458	181	179	181	16	-53.7	-64.2	11970	12531	193.6		DROP 91.0
182700	1337	6500	181	178	169	18	-53.7	-68.2	11967	12525	193.7	THN CLD	ABV 92.0
183329	1300	6513	270	266	189	12	-53.9	-68.5	11967	12524	193.7		DROP 91.0
184800	1300	6702	270	265	200	13	-54.3	-68.5	11957	12512	194.0	THN CLD	ABV 96.2
185539	1301	6801	288	286	206	8	-59.8	-69.0	12555	13116	175.9	TERM	DROP 89.8
190657	1339	6917	297	293	231	14	-59.8	-67.9	12558	13113	175.9		DROP 87.8
191500	1405	7009	297	292	225	17	-60.4	-65.5	12553	13104	175.9	THN CLD	85.7
192307	1439	7049	49	49	201	11	-60.1	-65.2	12555	13108	175.9		DROP 89.4
193200	1524	6955	49	49	205	11	-59.7	-65.9	12548	13103	176.1	THN CLD	87.7
194700	1641	6823	50	50	197	14	-59.8	-65.4	12544	13109	176.2	THN CLD	88.0
195738	1707	6800	6	3	215	15	-59.7	-65.4	12546	13116	176.2		DROP 88.6
200200	1830	6800	0	357	202	16	-59.9	-65.6	12546	13113	176.2	ARRANG	CB 2 88.6
200933	1930	6800	0	357	206	18	-60.1	-65.6	12544	13104	176.2		DROP 88.8
202300	2115	6800	0	358	195	13	-59.2	-69.3	12542	13121	176.3	CLD	BLW 88.4
202944	2200	6746	90	93	185	16	-58.4	-69.6				NO P	DROP
203044	2200	6738	90	92	183	15	-59.2	-69.6	12540	13124	176.3		DROP 88.0
204200	2200	6607	90	93	202	16	-59.8	-69.6	12540	13119	176.4		CLR 87.6
204746	2200	6520	90	91	215	14	-59.9	-69.1	12541	13129	176.3		DROP 88.3
210000	2200	6340	90	91	190	9	-62.8	-71.1	13126	13729	159.9		CLR 79.7
210733	2200	6240	90	92	177	13	-62.6	-72.1	13125	13736	159.9		DROP 79.9
212753	2204	5956	52	49	238	12	-62.8	-73.2	13124	13753	159.9	BAD	DROP
212957	2216	5944	42	40	241	12	-62.7	-73.3	13124	13753	159.9		DROP 80.1
214853	2405	5800	11	5	269	18	-62.1	-73.8	13124	13738	160.0	RIDGE	DROP 80.0
215900	2518	5800	0	354	288	19	-63.0	-74.4	13122	13718	160.0		CLR 81.0
220455	2600	5800	0	356	315	14	-63.8	-74.7	13120	13712	160.0		DROP 79.7
222226	2802	5804	323	320	312	16	-63.8	-75.2	13124	13709	160.1		DROP 81.2
223500	2900	5914	312	312	334	17	-63.3	-75.3	13120	13707	160.0		79.6
224851	3000	6037	274	275	324	20	-63.1	-74.8	13123	13708	160.0		DROP 79.9
230802	2944	6301	170	173	250	9	-66.6	-76.0	13711	14313	144.8		DROP 72.5
232233	2800	6300	180	179	274	3	-66.9	-77.8	13709	14307	144.8		DROP 76.7
233500	2630	6300	180	179	207	6	-66.9	-77.2	13706	14313	144.8		73.5
234015	2600	6314	270	270	279	10	-66.1	-77.0	13708	14333	144.8	Late W	DROP
234322	2600	6338	270	267	273	9	-66.5	-76.7	13706	14335	144.9	Late W	DROP 72.5
234806	2600	6415	270	268	250	6	-67.3	-76.9	13705	14314	144.9		DROP 72.8
000127	2600	6600	270	269	290	2	-67.0	-77.3	13705	14327	144.9		DROP 72.5
001716	2613	6800	0	0	25	11	-66.6	-77.2	13704	14325	144.8		DROP 71.7
003237	2800	6800	0	359	6	6	-67.7	-77.9	13702	14327	145.0		DROP 71.9
004954	3002	6756	36	34	10	9	-64.7	-77.2	13699	14332	145.0		DROP 72.4
015000	3047	6651	52	45	338	21	-62.3	-75.8	12484	13053	179.0		97.5

'JCPB1' (winds@eiaer) Proj. 420 Flt 17 Sep-20-98 01:19:48

17:23:14 to 01:19:48





FLIGHT TRACKS
GEORGES

- 980919lp.fbk
- 980919np.fbk
- 980919no.fbk

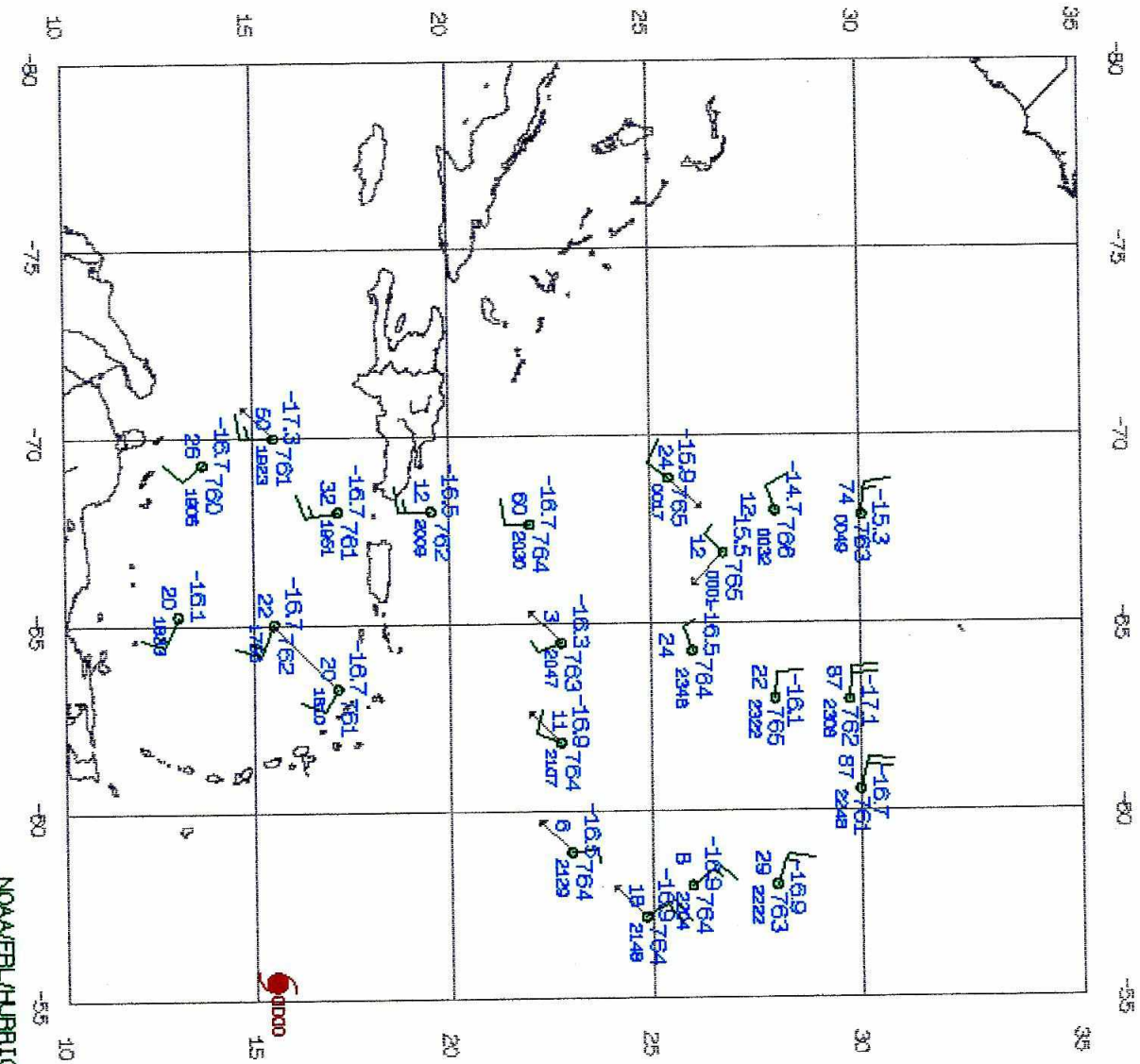
N00A 43

RAWINSONDES 9804

- frequent
- 12Z only
- 00Z only
- infrequent
- Infrequent - 12Z

N00A 42

▲ DROP LOCATIONS



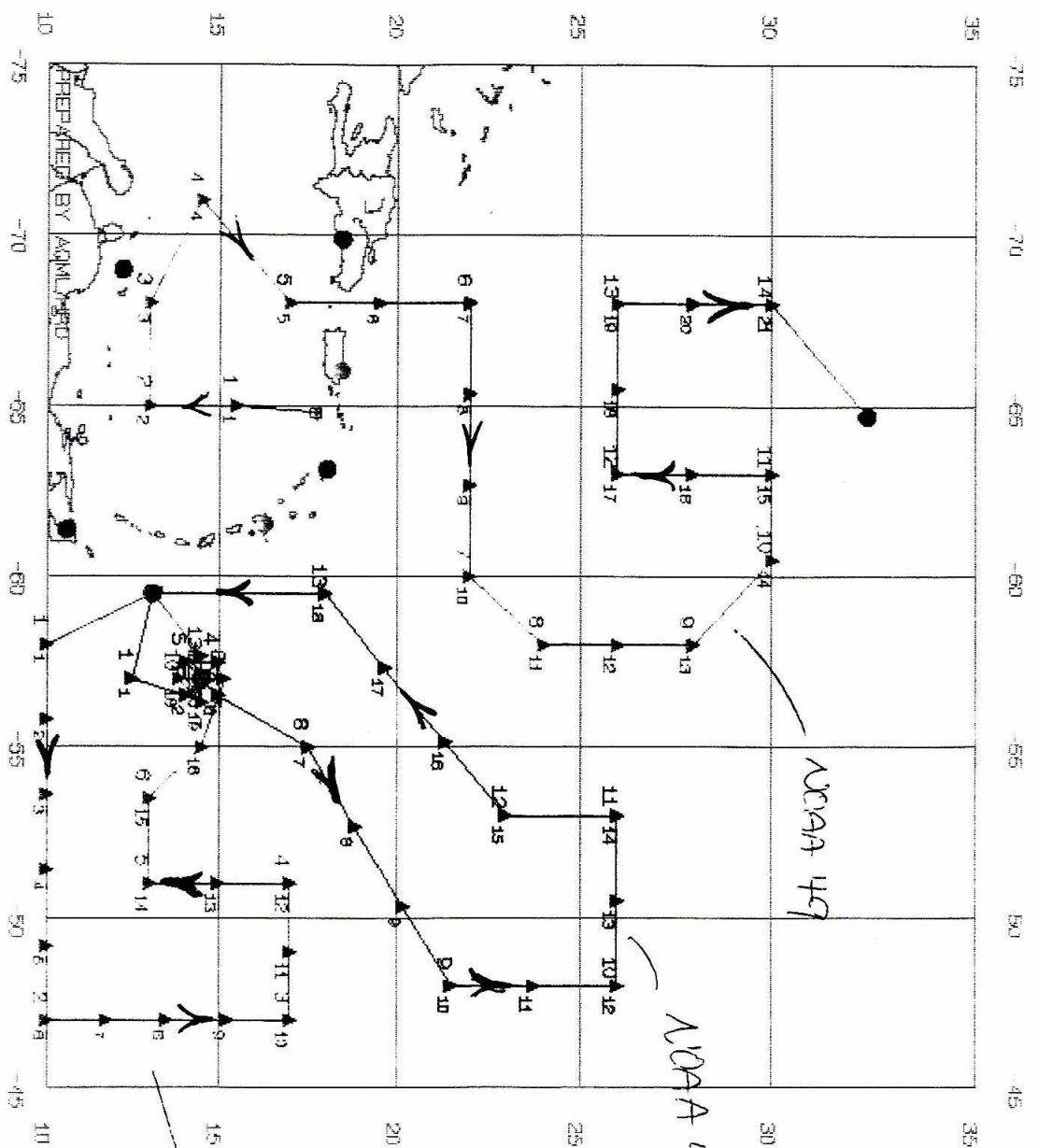
GEORGES

400 mb

Date: 980919
 Time: 17-30 UTC

EARTH RELATIVE

NOAA/EPH/ATLANTIC RESEARCH DIVISION



35 FLIGHT TRACKS
GEORGES

- 9809191p.ftk
- 980919hp.ftk
- 980919rp.ftk

N00A 43

RAWINSONDES 9804

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

N00A 42

▲ DROP LOCATIONS

N49RF Hurricane 98 AVAPS DropSonde Log

N49RF Project: Hurricane 98 / 420 Flight ID: 980919N

Mission: Georges #2 Flight #: 17 System Status: OK

A lot of noise

Drop #	Sonde Serial Number	Chn #	Time (Z)	Press. offset	Winds time	Operator	Comments / Drop Status	GOOD <input checked="" type="checkbox"/>
1	974 510 014	1	1756	-0.4	64	JCPB	NO FOAM Late wind backup dropped	✓
2	974 530 077	2	1810	-1.1	30	JCPB	NO FOAM	✓
3	982 630 073	1	1833	0.4	19	JCPB	FOAM Lost	
4	974 730 020	1	1855	-0.1	35	JCPB	FOAM Lost data @ 675mb	
5	973 840 084	2	1907	-0.4	28	JWH	FOAM	✓
6	974 530 078	1	1923	-0.4	28	JCPB	FOAM	✓
7	974 530 005	1	1951	-0.3	29	JCPB	FOAM	✓
8	974 740 047	2	2009	0.0	55	JCPB	FOAM	✓
9	981 040 040	1	2029	0.5	28	JCPB	FOAM No pressure	
10	982 720 272	2	2030	0.5	45	JCPB	FOAM	✓
11	974 940 060	1	2047	0.0	22	JCPB	FOAM	✓
12	974 530 046	1	2107	-0.8	43	JCPB	FOAM	✓
13	981 750 092	1	2127	-0.2	26	JCPB	FOAM Lost all	
14	982 720 287	2	2129	0.6	37	JCPB	FOAM	✓
15	973 910 049	1	2148	-0.4	46	JCPB	FOAM	✓
16	982 720 298	2	2205	0.5	32	JCPB	FOAM	✓
17	982 710 016	1	2222	0	23	JWH	FOAM	✓
18	973 730 056	1	2249	-1	21	JWH		✓
19	982 630 011	2	2308	+1	28	JWH		✓
20	982 430 018	1	2322	0	18	JWH		✓
21	982 430 087	2	2340	0.4	48	JWH	NO FOAM LOST TELR FOR FEW SEC	FAIR
22	974 510 076	3	2343	-0.9	100	JWH	NO FOAM LATE WINDS	FAIR
23	974 730 063	1	2348	-0.1	41	JWH	NO FOAM	✓
24	974 510 095	2	0001	0.3	24	JWH		✓
25	981 950 055	1	0017	0.3	28	JWH		✓
26	982 430 016	2	0032	0.6	64	JWH		✓
27	982 430 152	1	0050	-0.1	20	JWH		✓
28								
29								
30								
31								
32								
33								

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

N49RF Project: Hurricane 98 Project No 420 Flight No. 17 Flight ID: 980919N
 SED Crew: Pradas, Hill, McMillan, McNamara, Damina Mission: Hurricane Georges
 Pre-Flight: 1630 Z Z Take-Off: 1734 Z Landing: 012723 Z

SYSTEM			Pre-Flight Check	In-Flight	Post-Flight
N A V	IRS #1	Lat	STM		
	IRS #2	Lat- <u>BITR</u>	STM		
	IRS #3				
	GPS Honeywell #1		STM		
	GPS Honeywell #2		STM		
	GPS Collins		STM		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	<u>1654</u>	<u>33.7</u>	STM	
	Temp #2	↑	<u>33.6</u>	↑	
	Temp #3	↑	<u>33.2</u>	↓	
	Temp #4	↓	<u>31.5</u>	↓	
	DP Left		<u>23.5</u>		Cal. Time:
	DP Right	↓	<u>24.7</u>	STM	Cal. Time:
P	Attack Angle (ADCAOA)		STM		
R	Slip Angle (BP/DBP)		STM		
E	Differential (PQ1/PQ2)		STM		
S	Absolute (PS1/PS2)		STM		
S	Check Radome Press. Lines <input type="checkbox"/>		Date: <u>980824</u>		
S	DOWN PRT-5 ⇨ Open? <input type="checkbox"/>		<u>INOP</u>		Closed? <input type="checkbox"/> <u>INOP</u>
Y	MADS (WINDS/DISCWIN)		<u>JWH</u>		# DATs: <u>1</u>
S	MADS Printer ⇨ Paper? <input checked="" type="checkbox"/>		STM		Printer Power off? <input checked="" type="checkbox"/>
T	MADS Cal. Date:		QC time: <u>1714</u>		QC time: <u>012831</u>
E	WINDS ⇨ NET BCAST <input checked="" type="checkbox"/>		STM		
M	HAPS System / Time set? <input checked="" type="checkbox"/>		STM		# Msg.: <u>27</u> # Fail: <u>6</u>
S	AVAPS System / Time set? <input checked="" type="checkbox"/>		STM		
	AVAPS Printer ⇨ Paper? <input checked="" type="checkbox"/>		STM		
	Exterior Walk Around <input checked="" type="checkbox"/>		STM		
	Inspect DropSonde Chute Bolts		STM		
	Satcom (Flight Phone) <input checked="" type="checkbox"/>				Off CB? <input checked="" type="checkbox"/>
	Call COMSAT? <input type="checkbox"/> (*292#)		<u>*2 001 (61) ###</u>		
M	FCU/UPS/CB		CB's Checked? <input checked="" type="checkbox"/>		UPS off? <input checked="" type="checkbox"/>
I	AVAPS Sondes		# On Board: <u>136</u>	# Dropped: <u>27</u>	# Good: <u>22</u>
S	AXBT		# On Board: <u>0</u>	# Dropped: <u>0</u>	# Good: <u>0</u>
C	APN-232		STM		
	Modem Power On? <input checked="" type="checkbox"/>		STM		

3/1/98
6

1	DAT Tape #1	On: <u>1714</u>	Type: <u>TDK-60</u>	Off: <u>0134</u>
2	DAT Tape #2	On:	Type:	Off:

Comments: