

FLT ID: N980924	FM: KMCF	TO: KSAV
FLT NO: 98-056	BLK IN: 2350Z	RTA: 2347Z
ETD: 2300Z	BLK OUT: 2242Z	RTD: 2254Z
ETE:	BLK TIME: 1:08	FLT TIME: 1:53
SPONSOR ORG: NHC	PROGRAM: HURR SURVEILLANCE	PURPOSE: FERRY TO SAVANNAH

**OAD PERSONNEL**

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

**PARTICIPATING SCIENTIST/VISITORS/OAD**

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
LANDSEA WHITE	NAPS PM	HRD AOC

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)

RELOCATING TO SAVANNAH DUE TO THREAT FROM ~~HURR~~ 59.30 pm ~~at~~ track

-Ho GEORGES!

2350Z



FLT ID: N980925	FM: KSAV	TO: KCRP
FLT NO: 98-057	BLK IN: 0159Z	RTA: 0152Z
ETD: 1730Z	BLK OUT: 1718Z	ATD: 1726Z
ETE:	BLK TIME: 8:41	FLT TIME: 8:26
SPONSOR ORG: NHC	PROGRAM: HURR. SURVEILLANCE	PURPOSE: H. GEORGES

**OAD PERSONNEL**

AC: MAXSON	SYS ENG
CP: FINKE, McCANN	DATA SYS: PRADAS-BERGNES
NAV: 21	RADAR
FE: KITSON	BT/ODW: McMILLAN
RADIO	CLD PHYS
FD: DAMIANO	DOPPLER

**PARTICIPATING SCIENTIST/VISITORS/OAD**

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

**PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)**  
 EXTRA DROP ADDED BETWEEN FLORIDA WEST COAST ~~AND~~ DROP 11  
 FOR A TOTAL OF 25 DROPS  
 1<sup>st</sup> Drop moved south due to warning area  
 being hot  
 2253Z AVAPS rebooted

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OAOWF2 FILE

FLT ID: *N980925* TIME OFF: *1726Z* TIME ON: *0152Z*

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	<i>1019.0</i>	<i>30.13</i>	<i>1010.0</i>	<i>29.90</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		
<del>GPS</del> <i>GPS</i>	<i>26</i>	<i>25 messages sent</i>

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

N980925

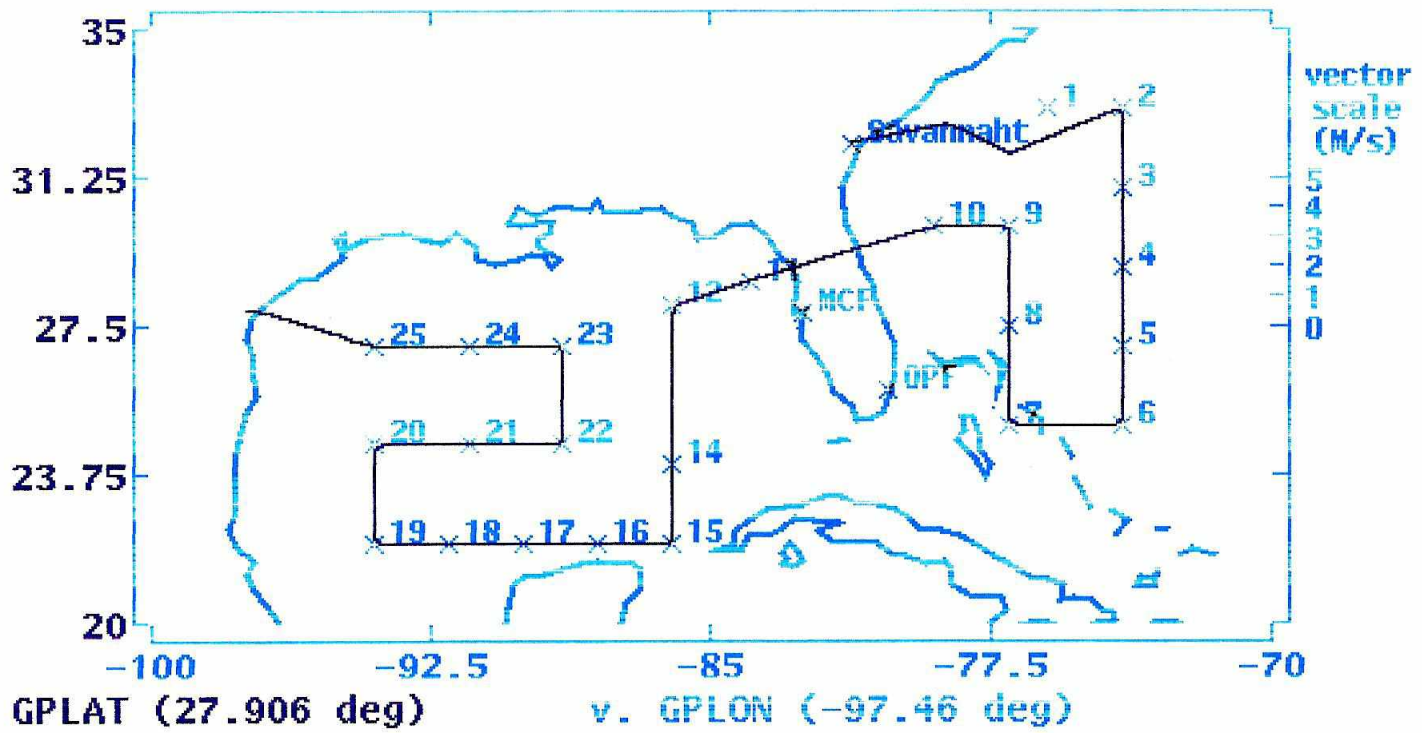
TIME	LAT	LOW	TRK	HD	WD	WS	TA	TD	PA	GA	PS		PO
180703	3214	7600	65	59	329	19	-57.6	-69.8	12558	13130	175.8		DROP 88.1
181700	3245	7439	66	61	321	16	-58.2	-71.9	12555	13114	175.9	CLD	BLW 89.8
182219	3246	7400	180	181	291	11	-58.4	-72.5	12552	13116	175.9		DROP 87.9
183614	3100	7400	180	181	309	9	-57.4	-72.4	12553	13136	176.0		DROP 87.9
184800	2930	7400	180	180	299	7	-57.7	-72.5	12551	13154	176.0	CLD	BLW 88.3
185158	2900	7400	180	180	311	9	-57.9	-72.6	12549	13165	176.0		DROP 87.8
190000	2759	7400	180	180	314	10	-57.4	-72.7	12547	13161	176.1		CLR 87.8
190735	2700	7400	180	180	322	9	-57.6	-72.5	12545	13163	176.1		DROP 87.1
191900	2532	7400	180	179	340	10	-56.9	-72.6	12544	13165	176.2		CLR 88.3
192410	2500	7414	270	273	331	16	-57.1	-72.5	12548	13175	176.1		DROP 88.7
194629	2500	7700	360	356	335	18	-58.1	-73.1	12546	13183	176.2		DROP 85.9
200602	2730	7700	360	356	328	18	-56.	-72.6	12542	13191	178.0		DROP 87.6
202501	3000	7700	270	270	298	19	-59.5	-72.8	12551	13601	178.0	→	DROP 82.0
204300	3000	7500	253	253	261	17	-61.4	-72.2	13124	13812	159.9	→	DROP 79.5
212114	2836	8354	251	249	224	5.9	-61.6	-75.1	13119	13805	160		DROP 80.9
2138168	2800	8600	179	177	192	2.7	-61.9	-75.2	13119	13804	160		DROP 80.5
2152:51	2600	8600	180	177	054	6.7	-61.7	-75.6	13112	13805	160.1		DROP 80.0
2208:50	2400	8600	180	176	083	10.4	-60.5	-76.6	13115	13789	160.2		DROP 80.0
2226:22	2200	8600	270	269	082	5.5	-61.9	-76.5	13116	13782	160.1		DROP 80.3
2239:02	2200	8800	270	267	156	8.8	-61.8	-77.7	13120	13774	160.1		DROP 80.1
225732	2200	9030	270	267	157	5	-66.7	-75.7	13696	14357	145.1		DROP 73.5
230400	2200	9121	270	267	131	8	-66.6	-74.8	13696	14351	145.2		CLR 72.2
230857	2200	9200	270	267	146	9	-65.9	-74.2	13693	14351	145.2		DROP 72.9
231800	2200	9313	270	264	178	17	-65.8	-75.5	13697	14340	145.2		CLR 73.9
232635	2225	9400	359	0	139	9	-65.0	-76.2	13695	14323	145.1		DROP 72.5
233400	2320	9400	0	3	105	18	-65.4	-76.7	13692	14323	145.2		DROP 72.6
234435	2430	9346	90	91	113	24	-66.0	-77.6	13692	14367	145.2	CLD	BLW 72.6
000252	2430	9130	90	90	130	12	-66.2	-77.3	13691	14380	145.2		DROP 72.4
002348	2444	8900	0	359	57	4	-65.9	-75.9	13691	14393	145.3	NO W	DROP 74.2
002914	2522	8900	0	0	54	9	-66.3	-76.1	13693	14398	145.2		DROP 73.2
004347	2700	8914	271	268	210	2	-66.3	-76.6	13692	14398	145.2		DROP 72.7
005500	2700	9044	270	268	181	3	-66.1	-76.4	13692	14400	145.2		72.4
010035	2700	9130	270	268	168	5	-65.9	-76.1	13692	14402	145.2		DROP 73.0
011100	2700	9255	270	267	177	5	-65.8	-75.8	13684	14396	145.5		71.9
011856	2700	9400	278	277	144	3	-65.5	-76.1	13675	14392	145.6		DROP 72.9
013100	2727	9534	287	285	174	3	-65.7	-75.8	13679	14424	145.5		72.3

DROP 13

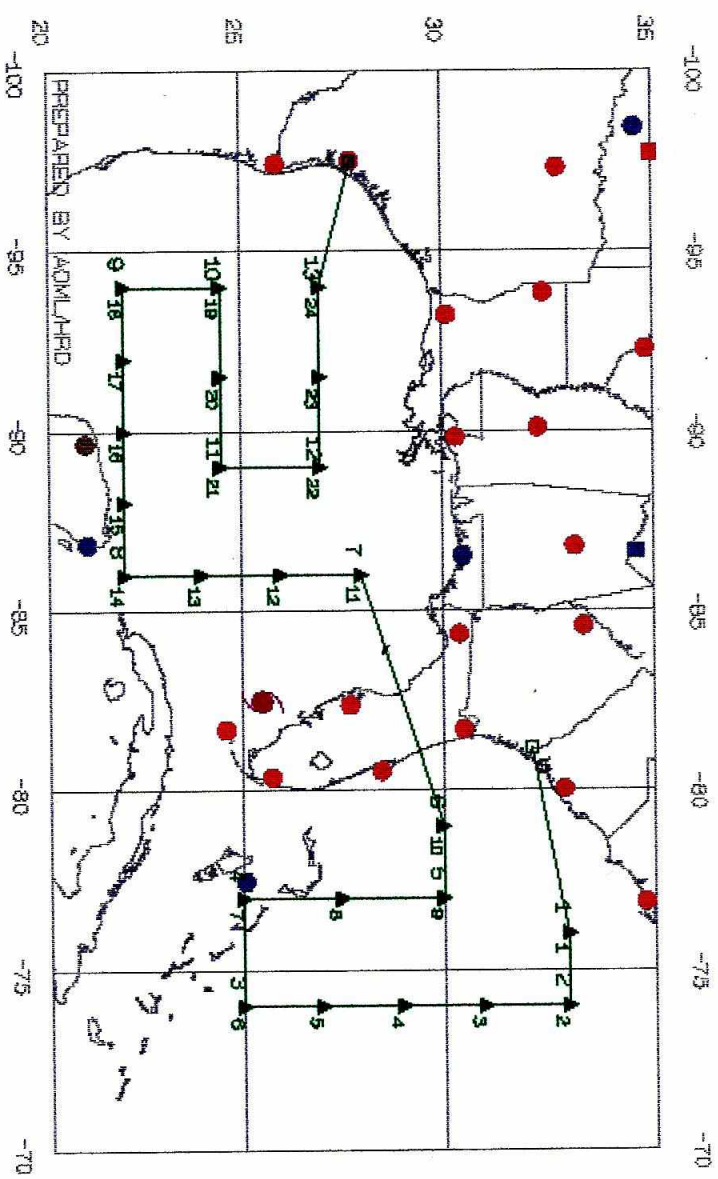
22202  
2441  
8300  
974MB  
975  
5260861Y

'JCPB1' (winds@eiger) Proj. 420 Flt 21 Sep-98 01:46:05

17:01:24 to 01:46:05



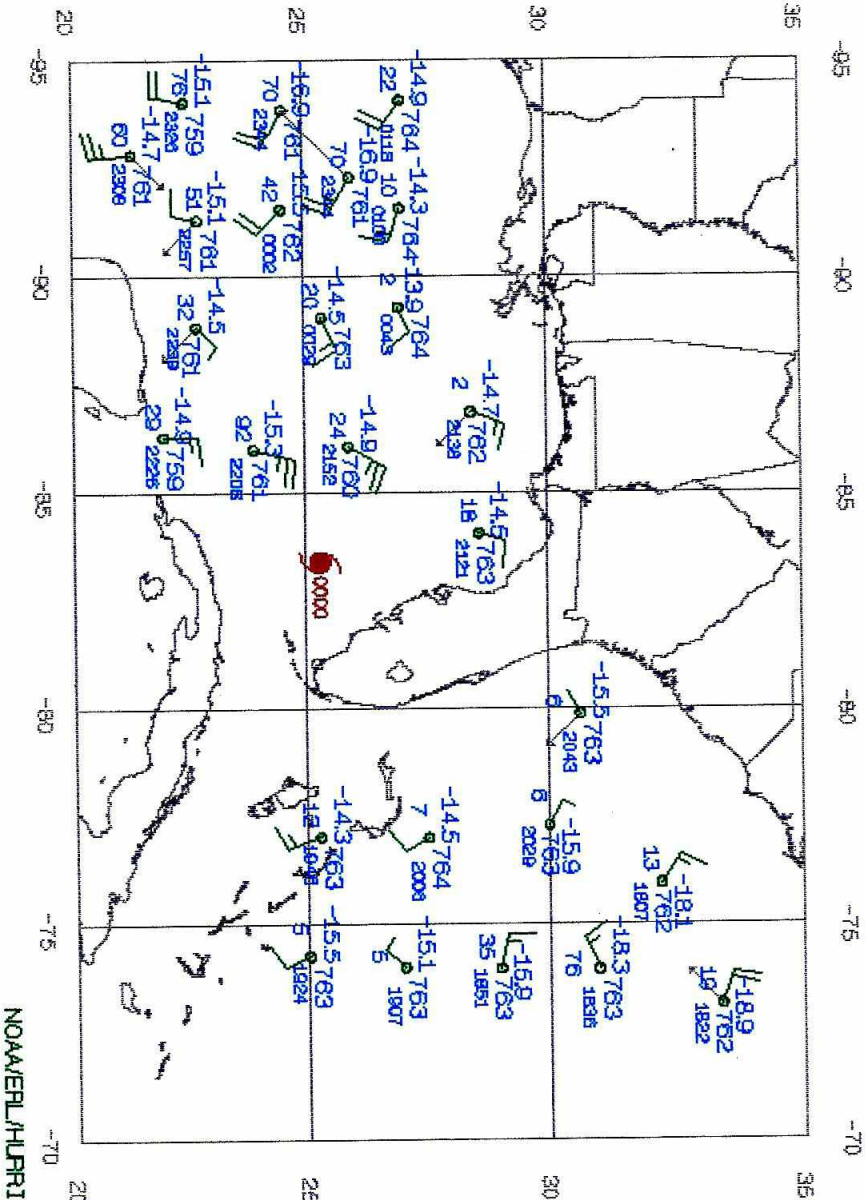
KSAN



FLIGHT TRACKS  
GEORGES

980925nzkftk

- RAWINSONDES 9804
- Regular
  - 12Z only
  - 00Z only
  - Infrequent
  - Infrequent - 00Z
  - Infrequent - 12Z
  - ▲ DROP LOCATIONS



GEORGES

400 mb

Date: 980925  
Time: 17-29 UTC

EARTH RELATIVE

NOAA/ERL/HURRICANE RESEARCH DIVISION



### N49RF Hurricane 98 AVAPS DropSonde Log

N49RF Project: Hurricane Georges Flight ID: 980925N

Mission: 420 Flight #: 21 System Status: OK

Drop #	Sonde Serial Number	Chn #	Time (Z)	Press. offset	Winds time	Operator	Comments / Drop Status	GOOD <input checked="" type="checkbox"/>
1	983 310 039	1	1807	0.2	22	JCPB	Grey	✓
2	982 720 366	2	1822	0.7	27	STM	Grey Slow Fall	✓
3	983 310 114	3	1836	.6	26	STM	Grey	✓
4	983 310 040	1	1852	.3	26	STM	Grey	✓
5	982 720 365	2	1907	.6	21	SRW	Grey	✓
6	983 310 117	3	1924	.3	23	STM	Grey	✓
7	983 310 024	1	1946	.4	28	STM	Grey	✓
8	983 310 059	2	2006	.6	31	STM	Grey	✓
9	982 720 364	1	2029	.3	20	STM	Grey	✓
10	983 310 032	2	2043	.5	34	STM	Grey	✓
11	983 310 128	3	2121	.3	35	STM	Grey	✓
12	983 310 042	1	2138	.4	32	JCPB	Grey	✓
13	982 720 368	2	2152	.6	41	JCPB		✓
14	982 720 416	3	2208	.5	26	JCPB		✓
15	983 310 122	1	2226	.5	46	STM		✓
16	983 310 140	2	2239	.5	33	STM		✓
17	983 310 148	1	2257	.7	20	JCPB		✓
18	983 310 060	2	2808	.4	30	JCPB		✓
19	982 720 370	3	2326	.3	54	STM		✓
20	982 720 367	1	2344	.3	34	STM		✓
21	983 310 143	2	0002	.4	26	STM		✓
22	982 720 361	1	0023	.5	33	STM	Winds in and out	
23	982 720 414	2	0029	.7	36	STM	Winds in & out but ok	✓
24	982 720 363	3	0043	.8	36	STM		✓
25	983 310 116	1	0100	.4	35	STM		✓
26	982 010 025	2	0118	.5	25	STM		✓
27								
28								
29								
30								
31								
32								
33								

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

N49RF Project: Hurricane 98 Project No 420 Flight No. 21 Flight ID: 980925n  
 SED Crew: JCPB, STM, ABD Mission: Georges  
 Pre-Flight: 1620 Z Take-Off: 1726 Z Z Landing: 0152 Z Z

SYSTEM		Pre-Flight Check		In-Flight	Post-Flight	
N A V	IRS #1	✓	JCPB			
	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"/>	
T E M P	Time	Temp °C			Time	Temp °C
	Temp #1	1641	34.3	STM	02025	27.48
	Temp #2	1641	31.3	↑		27.982
	Temp #3	1641	33.4			28.056
	Temp #4	1641	32.5			27.003
	DP Left	1646	19.0	↓	Cal. Time:	24.953
	DP Right	1646	18.4	STM	Cal. Time:	25.394
P	Attack Angle (ADCAOA)	✓				
R	Slip Angle (BP/DBP)	✓				
E	Differential (PQ1/PQ2)	✓				
S	Absolute (PS1/PS2)		STM 1018.6/1019.5			
S	Check Radome Press. Lines <input checked="" type="checkbox"/>		Date: 980923			
S	DOWN PRT-5 ⇒ Open? <input type="checkbox"/>		INOP		Closed? <input checked="" type="checkbox"/>	
Y	MADS (WINDS/DISCWIN)		STM		# DATs: 1	
S	MADS Printer ⇒ Paper? <input checked="" type="checkbox"/>		JCPB		Printer Power off? <input checked="" type="checkbox"/>	
T	MADS Cal. Date: 980918		QC time: 1700		QC time: 0200	
E	WINDS ⇒ NET BCAST <input checked="" type="checkbox"/>		STM			
M	HAPS System / Time set? <input checked="" type="checkbox"/>		STM		# Msg.: 25 # Fail: 40+	
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"/>		✓ JCPB		Off CB? <input checked="" type="checkbox"/>	
	Call COMSAT? <input checked="" type="checkbox"/> (*292#)		✓ JCPB			
M	FCU/UPS/CB		CB's Checked? <input checked="" type="checkbox"/> STM		UPS off? <input checked="" type="checkbox"/>	
I	AVAPS Sondes		# On Board: 116	# Dropped: 26	# Good: 25	
S	AXBT		# On Board: N/A	# Dropped: N/A	# Good: —	
C	APN-232		✓ JCPB			
	Modem Power On? <input checked="" type="checkbox"/>		✓ JCPB			

1	DAT Tape #1	On: 1656	Type: TDK60	Off: 0202
2	DAT Tape #2	On:	Type: 166	Off:

Comments:

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