

FLT ID: N980916	FM: KMCF	TO: KMCF
FLT NO: 98-050	BLK IN: 0233z	ATA: 0224z
ETD: 1730z	BLK OUT: 1740z	ATD: 1752z
ETE:	BLK TIME: 8:53	FLT TIME: 8:32
SPONSOR ORG: NHC	PROGRAM: HADR SURVEILLANCE	PURPOSE: DIST. IN GULF OF MEXICO

OAD PERSONNEL

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

PARTICIPATING SCIENTIST/VISITORS/OAD

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
GOLDENBERG	HARS	ARD ARD

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)
 29.97 1657 28 22
 First two drops below 41000 feet

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

FLT ID: N980916

TIME OFF: 1752Z

TIME ON: 0224Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1013.6	29.96	1013.0	29.94

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES	1	
FAST FLT LVL TAPES		
RADAR TAPES		
DOPPLER TAPES		
ODW CASSETTES		
HARD COPIES		
AXBT		
AXCP		
GPS GPS	29	27 messages

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

33-3275

0155Z ERW-
26
22 29.94

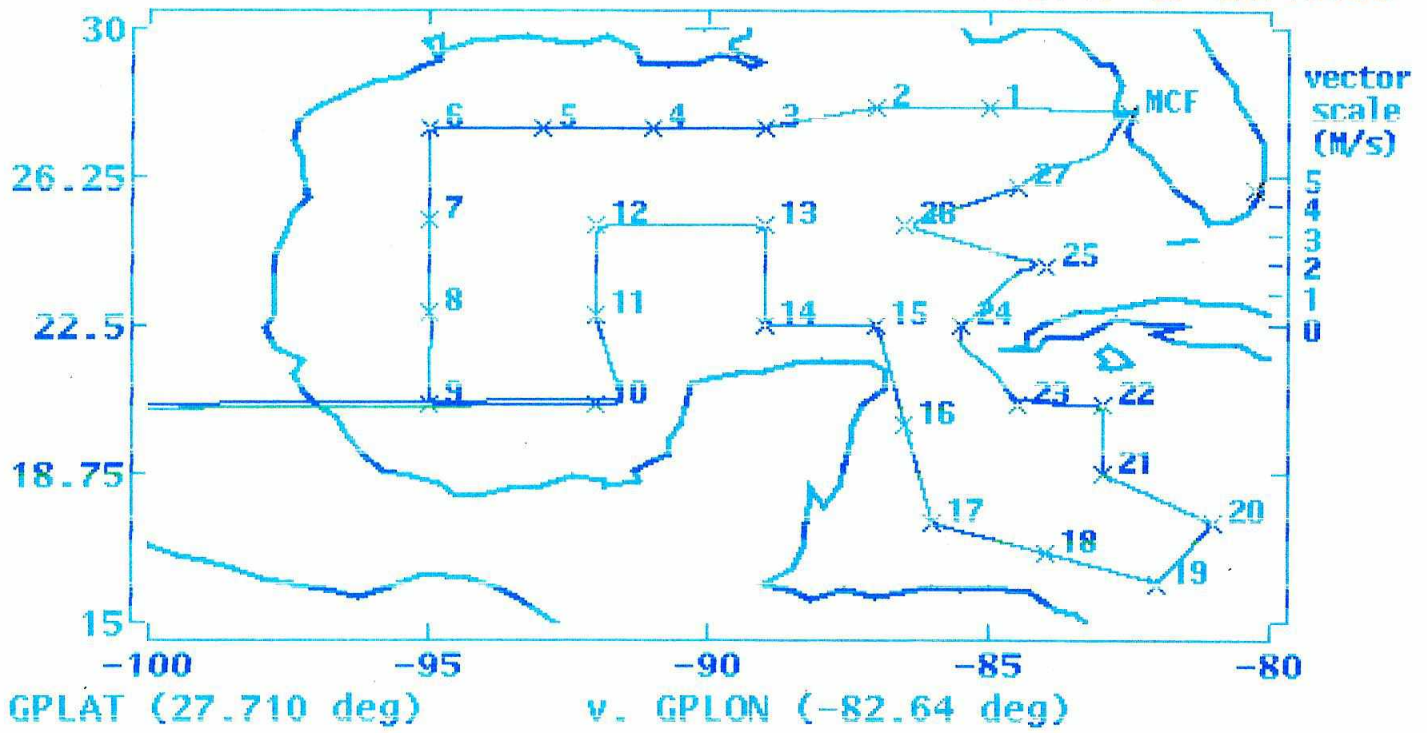
N980916

M/S

TIME	LAT	LONG	TRK	HD	WD	WS	TA	TD	PA	GA	PS	PQ
175830			EN C	LOUD								
181130			WSHFT	gt	352	MB						
181602	2800	8500	270	269	295	4	-23.5	-37.1	8587	9041	326.5	DROP
182400	2800	8609	270	266	181	10	-38.8	-42.0	10422	10984	245.4	THN CLD 114.0
183003	2800	8700	261	255	181	16	-51.8	-54.0	11894	12501	195.6	THN CLD DROP 92.3
184200	2737	8434	254	249	172	15	-58.2	-63.6	12556	13171	175.9	CLR 88.7
184514	2730	8900	263	260	178	11	-58.7	-64.3	12557	13168	175.9	DROP 87.7
185300	2730	9005	270	269	19	4	-58.3	-64.8	12558	13166	175.8	TROUGH CLR 87.2
185927	2730	9100	270	271	27	8	-58.1	-66.8	12555	13167	176.0	DROP 87.9
191353	2730	9300	270	272	328	12	-56.7	-68.2	12557	13174	175.8	DROP 89.4
193012	2717	9500	180	181	282	10	-58.5	-61.5	12571	13175	175.5	THN CLD DROP 87.3
194643	2510	9500	180	180	327	8	-58.2	-61.4	12561	13166	175.9	DROP 86.3
200438	2250	9500	178	177	352	12	-57.5	-64.6	12538	13164	176.3	DROP 88.2
200700			ABEAM	OF	CB							
201200	2152	9500	183	182	0	10	-57.6	-58.3	12542	13163	176.3	THN CLD 86.9
202333	2030	9446	89	84	18	17	-58	-62.1	12538	13158	176.4	DROP 87.9
204510	2030	9200	90	83	7	19	-58.8	-57.3	12538	13140	176.2	NO W INCLD DROP 86.1
210000	2154	9150	348	348	0	19	-60.4	-70.5	13131	13728	159.8	CLR 90.2
210742	2245	9200	0	0	15	22	-60.8	-71.8	13130	13725	159.9	DROP 80.3
211900	2401	9200	0	1	23	21	-60.9	-72.8	13128	13733	159.9	CLR 79.9
212854	2500	9144	90	85	47	20	-61.4	-73.5	13128	13733	159.9	DROP 80.0
214500	2500	8943	91	91	106	20	-62.2	-73.9	13128	13738	159.9	TROUGH CLR 79.7
215152	2447	8900	180	175	124	17	-61.8	-72.6	13124	13748	159.9	NO W DROP 79.5
215335	2435	8900	180	176	130	17	-61.8	-72.4	13128	13730	159.9	DROP 80.5
221230	2230	8847	90	91	157	14	-60.7	-72.6	13120	13731	159.9	DROP 80.7
222300	2230	8725	90	92	153	15	-62.2	-70.9	13120	13749	159.9	THN CLD ABV 79.3
222705	2221	8658	161	161	165	17	-62.5	-69.7	13123	13762	159.9	DROP 80.7
224100	2048	8639	169	167	159	15	-63.0	-66.6	13120	13771	160.1	CLR 79.2
224758	2000	8630	169	167	150	13	-63.1	-68.1	13122	13780	160.0	NO W DROP 80.1
224924	1950	8628	169	167	150	14	-63.3	-68.1	13122	13771	160.0	DROP 79.8
231008	1728	8554	123	119	93	14	-63.6	-67.7	13121	13765	160.0	DROP 82.2
232712	1645	8460	112	107	69	19	-63.9	-70.8	13117	13764	160.2	(20) DROP 79.6
234000	1614	8236	111	106	64	18	-68.2	-73.4	13698	14347	145.1	THN CLD 72.6
234613	1607	8156	44	42	53	22	-68.7	-73.7	13693	14341	145.0	DROP 71.4
000209	1737	8111	303	304	34	9	-69.1	-73.1	13692	14352	145.2	DROP 73.2
001200	1816	8214	303	305	32	12	-69.3	-73.6	13694	14354	145.1	71.9
002014	1853	8309	356	359	37	24	-68.8	-71.8	13697	14356	145.1	DROP 73.5
002800			in	cl	TD	>	TA					
003522	2030	8314	270	269	66	10	-68.1	-68.3	13697	14362	145.1	DROP 74.6
004625	2044	8437	331	331	59	5	-69.1	-72.7	13697	14355	145.1	DROP 72.4
010337	2233	8527	35	37	91	6	-68.2	-72.1	13691	14362	145.2	DROP 71.5
011200	2321	8452	35	34	42	9	-68	-72.9	13696	14371	145.1	72.0
012145	2409	8420	285	286	312	6	-67.9	-70.1	13693	14370	145.1	DROP 72.7
014004	2507	8614	61	61	120	9	-67.8	-70.7	13692	14365	145.3	DROP 72.1
014800	2435	8520	61	61	113	7	-68.4	-71.8	13692	14366	145.2	72.7
015525	2600	8430	52	52	132	8	-68.6	-68.3	13688	14373	145.2	(19) DROP 75.2

'JCPB1' (winds@eiger) Proi. 420 Flt 14 Sep-17-98 02:19:50

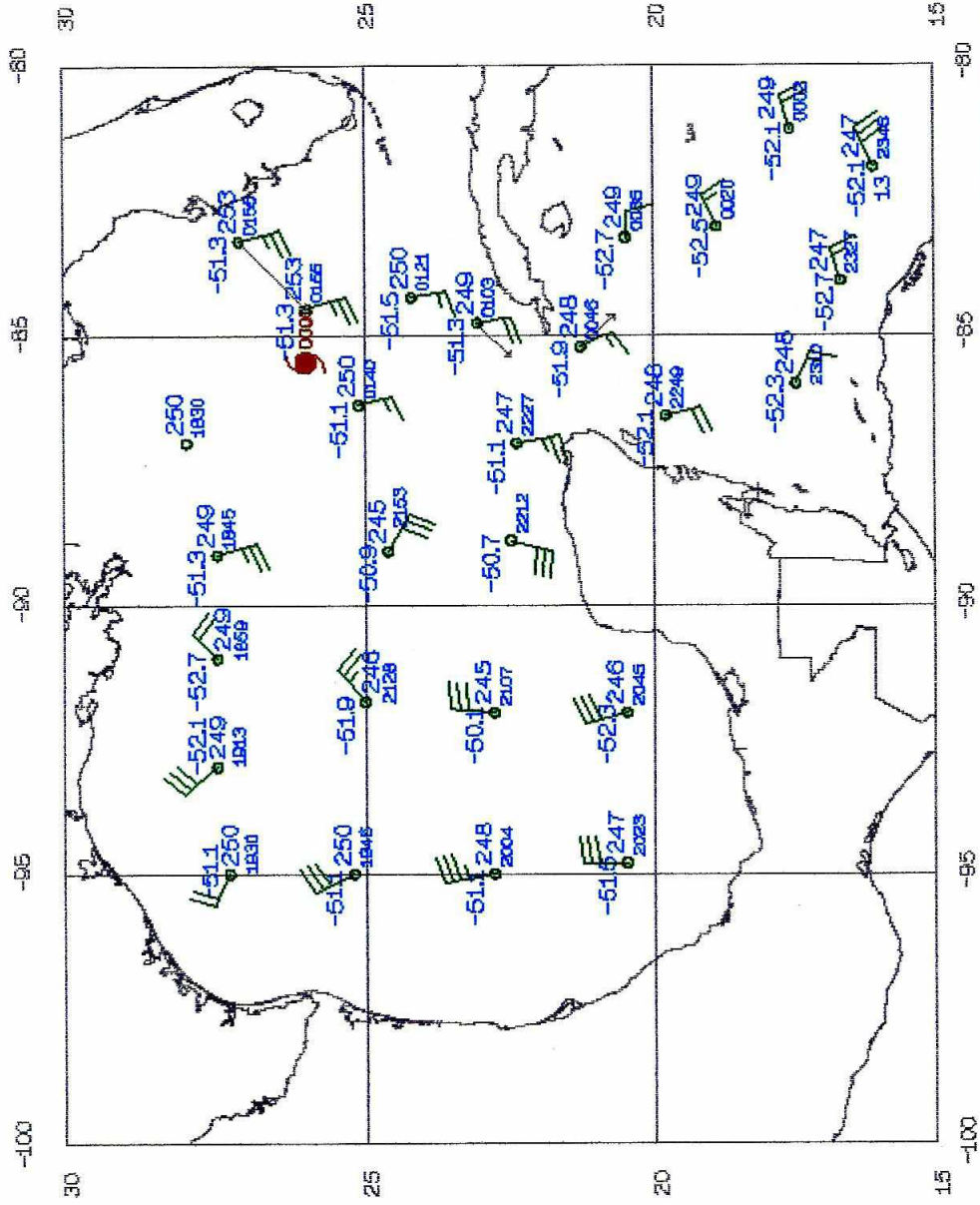
17:33:45 to 02:19:50



SURVEILLAN

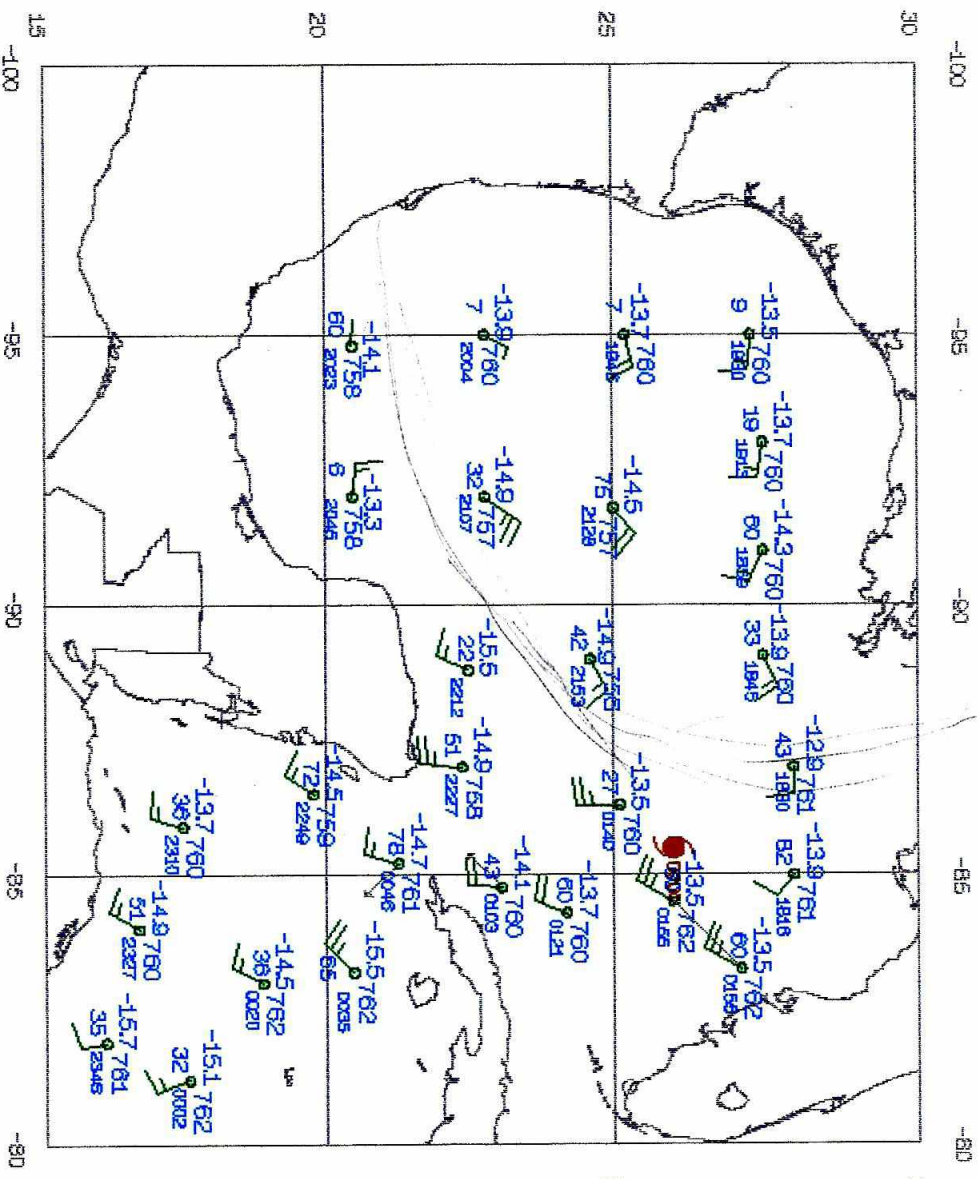
200 mb

Date: 980916
Time: 18-30 UTC



EARTH RELATIVE

NOAA/ERL/HURRICANE RESEARCH DIVISION



SURVEILLAN

400 mb

Date: 980916
Time: 18-30 UTC

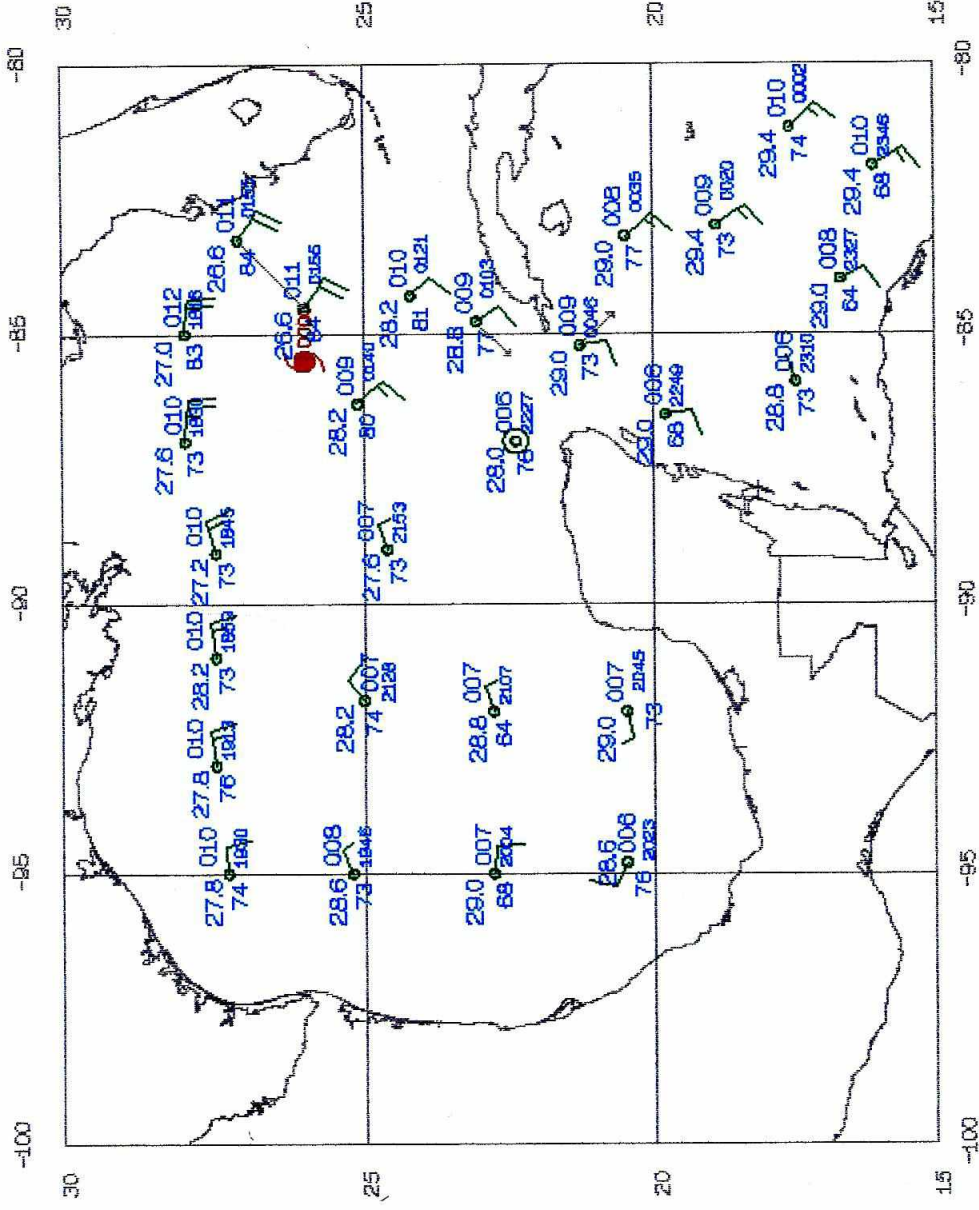
EARTH RELATIVE

NOAA/EEL/HURRICANE RESEARCH DIVISION

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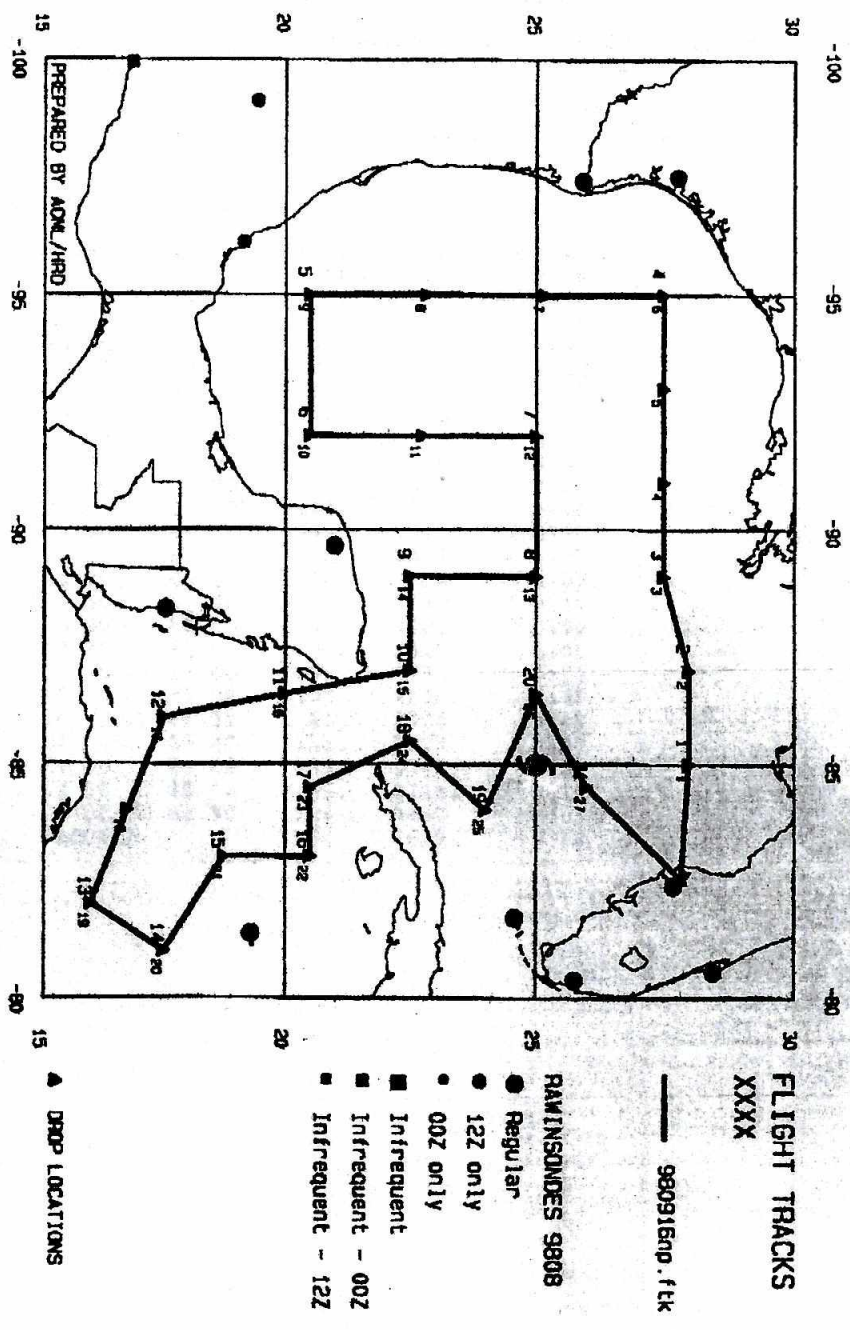
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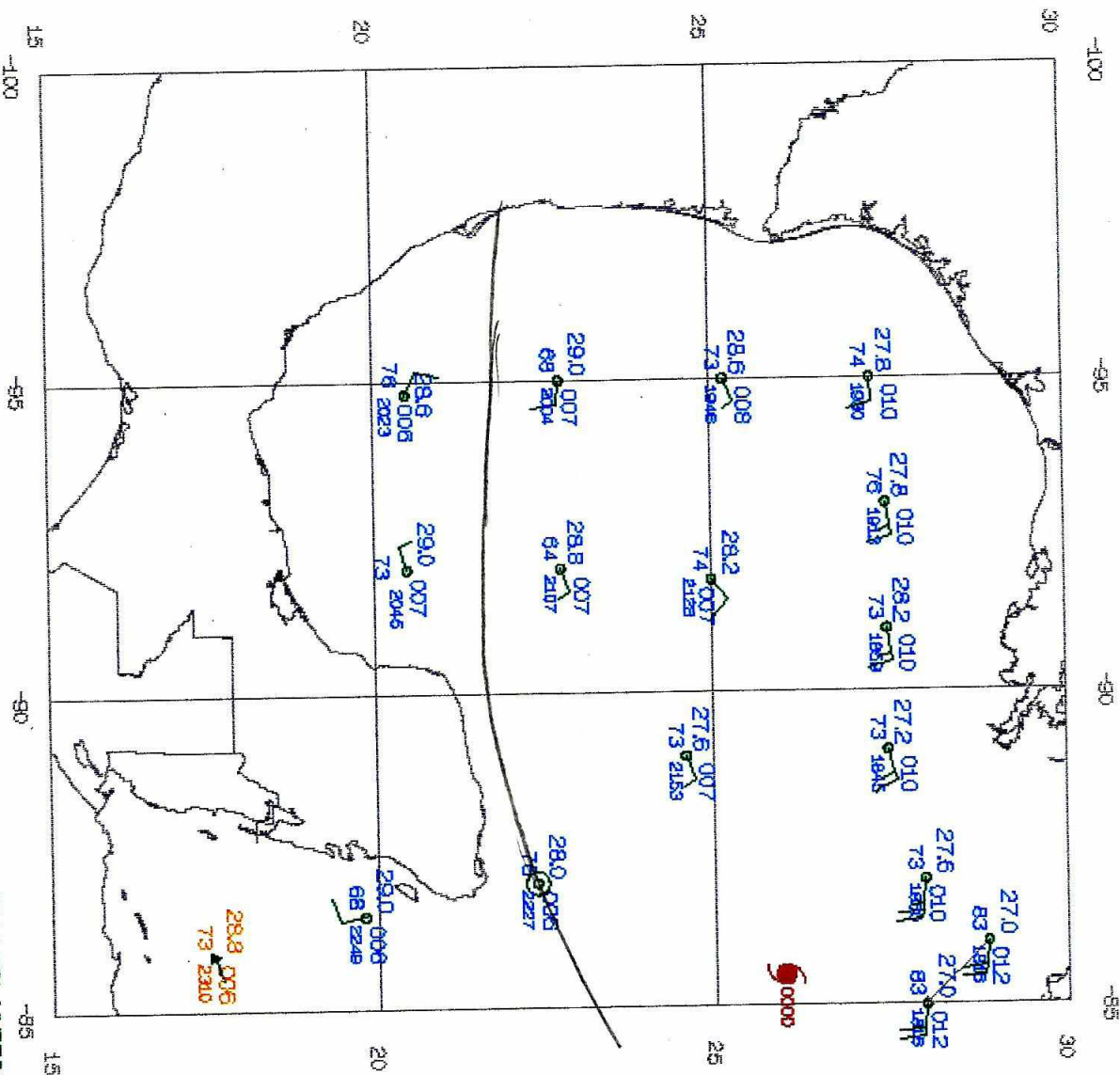
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Time: 18-30 UTC



EARTH RELATIVE

NOAA/ERL/HURRICANE RESEARCH DIVISION





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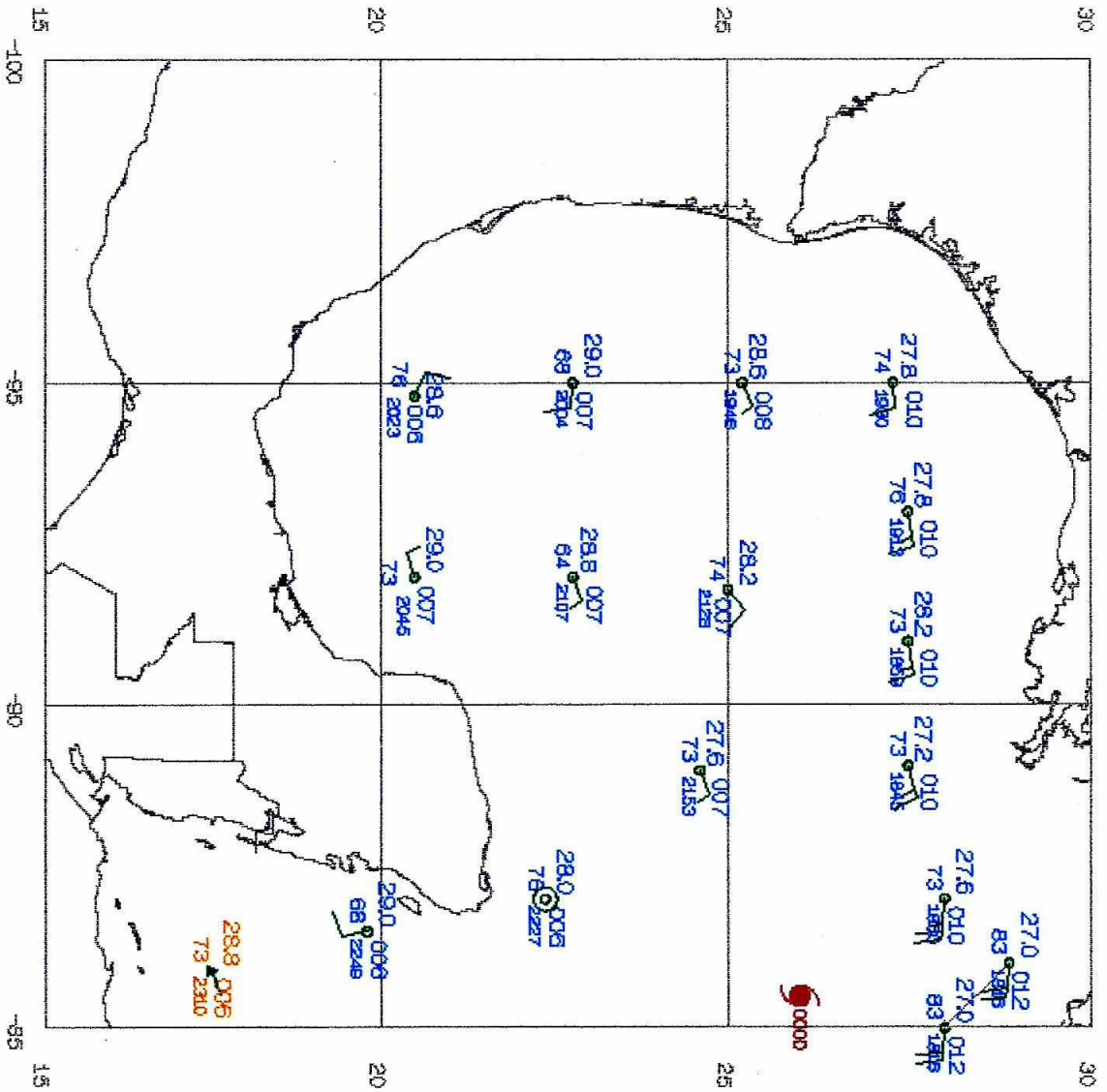
Surface

Date: 980916
 Time: 18-30 UTC

EARTH RELATIVE

NOAA/NATIONAL OCEANOGRAPHIC RESEARCH DIVISION

-100 -95 -90 -85



SURVEILLAN

Surface

Date: 980916
Time: 18-30 UTC

EARTH RELATIVE

NOAMERL/HURRICANE RESEARCH DIVISION

N49RF Hurricane 98 AVAPS DropSonde Log

N49RF Project: Hurricane 98 Flight ID: 980916H

Mission: 420 Flight #: 14 System Status: OK

Drop #	Sonde Serial Number	Chn #	Time (Z)	Press. offset	Winds time	Operator	Comments / Drop Status	GOOD <input checked="" type="checkbox"/>
1	974 530 063	1	1816	0.0	64	STM		✓
2	982 630 104	2	1830	0.2	23	JCPB		✓
3	981 750 076	1	1845	+1	22	JCPB		✓
4	981 950 031	2	1859	0.0	26	STM		✓
5	982 430 119	1	1913	+0.2	26	STM		✓
6	981 750 078	2	1930	+0.5	27	STM		✓
7	982 630 077	1	1946	-0.1	20	STM		✓
8	982 640 250	2	2004	0.0	32	STM		✓
9	982 720 278	1	2023	0.3	25	STM		✓
10	982 630 032	2	2045	0.3	29	STM		✓
11	981 810 037	1	2107	0.5	42	STM		✓
12	982 430 175	1	2128	0.3	42	STM		✓
13	982 430 157	1	2151	0.0	—	STM	NO WINDS	
14	982 720 292	2	2153	0.3	32	STM		✓
15	982 630 030	1	2212	0.4	24	STM		✓
16	982 640 217	2	2227	0.1	29	JWH		✓
17	981 810 038	1	2248	0.8	—	JWH	NO WINDS	
18	982 630 034	2	2249	0.2	18	JWH		✓
19	981 810 042	1	2310	1.0	16	JWH		✓
20	982 640 222	2	2327	0.0	26	JWH		✓
21	982 720 271	1	2346	-0.9	49	JWH		✓
22	981 810 041	2	0002	0.5	33	JWH		✓
23	982 630 082	1	0020	0.1	43	JWH		✓
24	981 820 042	2	0035	0.3	26	JWH		✓
25	982 630 106	3	0046	0.4	28	JWH		✓
26	982 630 027	1	0103	0.2	23	JWH		✓
27	982 630 001	2	0121	0.3	33	RJM		✓
28	982 640 219	1	0140	0.0	26	RJM		✓
29	982 640 252	2	0155	0.4	73	RJM	Late winds?	✓
30								
31								
32								
33								

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

N49RF Project: Hurricane 98 Project No 420 Flight No. 14 Flight ID: 980916N

SED Crew: HILL PRADAS McMillan, McNAMARA Mission: ITD 8

Pre-Flight: 1630 Z Take-Off: 1751 Z Landing: 0223 Z

SYSTEM		Pre-Flight Check		In-Flight	Post-Flight		
N A V	IRS #1	RJM					
	IRS #2	RJM					
	IRS #3	RJM					
	GPS Honeywell #1	RJM					
	GPS Honeywell #2	RJM					
	GPS Collins	RJM			Off?	<input checked="" type="checkbox"/>	
	Nose Radar -Collins	RJM			Off?	<input checked="" type="checkbox"/>	
		Time	Temp °C		Time	Temp °C	
T E M P	Temp #1	17:03	31.1	RJM	02:33	27.0	
	Temp #2	"	30.8		"	27.2	
	Temp #3	"	30.7		"	27.3	
	Temp #4	"	31.0		"	26.9	
	DP Left		22.3		Cal. Time:	23.3	
	DP Right		22.7	↓	Cal. Time:	23.0	
P R E S S	Attack Angle (ADCAOA)	RJM					
	Slip Angle (BP/DBP)	RJM					
	Differential (PQ1/PQ2)	RJM					
	Absolute (PS1/PS2)	RJM					
	Check Radome Press. Lines <input checked="" type="checkbox"/>	Date: 980824					
S Y S T E M	DOWN PRT-5 ⇒ Open? <input checked="" type="checkbox"/>	N/A			Closed?	<input checked="" type="checkbox"/>	
	MADS (WINDS/DISCWIN)	JCPB			# DATs:	1	
	MADS Printer ⇒ Paper? <input checked="" type="checkbox"/>				Printer Power off?	<input type="checkbox"/>	
	MADS Cal. Date:	QC time: 1715 Z			QC time:	0225	
	WINDS ⇒ NET BCAST <input checked="" type="checkbox"/>	JCPB					
	HAPS System / Time set? <input checked="" type="checkbox"/>	sm			# Msg.:	27 # Fail: 20	
	AVAPS System / Time set? <input checked="" type="checkbox"/>	sm					
	AVAPS Printer ⇒ Paper? <input checked="" type="checkbox"/>	JCPB					
	Exterior Walk Around <input checked="" type="checkbox"/>	JH					
	Inspect DropSonde Chute Bolts	JH					
M I S C	Satcom (Flight Phone) <input checked="" type="checkbox"/>	JH			Off CB?	<input checked="" type="checkbox"/>	
	Call COMSAT? <input checked="" type="checkbox"/> (*292#)	JH					
	FCU/UPS/CB	CB's Checked? <input checked="" type="checkbox"/> JH			UPS off?	<input checked="" type="checkbox"/>	
	AVAPS Sondes	# On Board:	75	# Dropped:	29	# Good:	27
	AXBT	# On Board:	0	# Dropped:	0	# Good:	0
	APN-232	JH					
	Modem Power On? <input checked="" type="checkbox"/>	JH					

1	DAT Tape #1	On: 1714 Z	Type: TDK 60	Off: 0233
2	DAT Tape #2	On:	Type: TDK 60	Off:

Comments:
