

Fit ID: 020909n	From: KMCF	To: KMCF
Fit No: 02-82	Blk In: 0143	ATA: 0132
ETD: 1730	Blk Out: 1715	ATD: 1726
ETE: 8.5	Blk Time: 8:28	Fit Time: 8:06
Sponsor Org: NHC	Program: SURV.	Purpose: TS GUSTAV

AOC Personnel

AC: YATES ✓	Sys Eng: HILL, J ✓
CP: MARSON, FINN ✓✓	Data Sys: HORN BROOK, C ✓
Nav:	Recon: BROGAN, D ✓
FE: KITSON	GPS/BT: CARPENTER, D ✓
FD: PARUSH / FLAHERTY ✓✓	Cld Phys:
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
ANDERSON ✓	HAPS	HRD
LIV ✓	VISITOR	TITMAN
LIV ✓	VISITOR	TITMAN

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #)

U.S. Dept. of Commerce/NOAA/Aircraft Operations Center

AOCWF2

Flt ID: 020909_n Time Off: 1726 Time On: 0132

A/C (Take Off)

Wx Stn (Take Off)

A/C (Land)

Wx Stn (Land)

Pressure

1013.7mb

29.95mb

1012.4

UNAVAILABLE

Number

Data Disposition/Date/Quality

Slow/Fast Flt Lvl Tapes

/

Radar Tapes

Cloud Physics Tapes

Video Tapes

Flt Lvl Data Printout

AXBT

AXCP

AXCTD

GPS

24

Video

Forward

Left Side

Right Side

Down

Remarks

Time On

Time Off

Rate

Remarks

PROBLEMS w/ DROPS 7 + 18

Flight ID:

02020911

Page ____ of ____

U.S. Dept. of Commerce/NOAA/Aircraft Operations Center

Form 41-3

Time	Lat	Long	Tk	Hdg	Wind Dir	Wind Spd	T _a	T _d	Press. Alt.	Geo. Alt.	Stc Press.	Press. Stc	Dyn. Press	Remarks
1726					057	3	30	22				PSI M	QCF M	TAKE OFF
181953	2008	7653	004	005	076	15	-60	-63	12471	13076	/	175	89	DROP 1
184025	3251	7694	020	024	061	11								DROP 2
190443	3410	7550	040	040	134	8	-62	-62	12485	13631	/	160	81	DROP 3
191240	3553	7400	016	015	152	10	-63	-67	13059	13702	/	159	79	DROP 4
192618	3726	7374	006	005	175	11	-63	-68						DROP 5
194013	3847	7337	064	068	129	09	-60	-68						DROP 6
195356	3900	7129	090	093	128	08	-58	-68						DROP 7
														NO WINDS -
195745	3810	7100	180	177	184									DROP 7A
201440	3668	7100	180	178	177	14	-63	-69	13048	13733	/	159	79	DROP 8
203300	3460	7100	180	176	144	18	-64	-70	13053	13725	/	160	81	DROP 9
205200	3260	7082	070	072	132	20	-64	-70	13048	13717	/	159	80	DROP 10
211510	3409	6800												DROP 11
213530	3650	6800	359	359	108	2	-61	-68	13047	13728	/	159	80	DROP 12
215610	3848	6782	072	074	114	5	-60	-69	13043	13732	/	159	79	DROP 13
221428	3890	6503	180	181	356	8	-59	-69	13041	13715	/	160	80	DROP 14
223005	3695	6499	180	178	090	3	-62	-69						DROP 15
224609	3500	6500	200	200	18	2	-64	-71						DROP 16
230446	3297	6627	200	207	227	8	-68	-73						DROP 17
232356	3100	6755	228	237	194	6	-67	-74	13334	14034	/	152	76	DROP 18
232549														DROP 18A
234014	3048	6972	255	250	142	16	-67	-74	13619	14308	/	145	74	DROP 19
235627	3040	7185	255	254	234	6	-64	-72	13615	14275	/	145	73	DROP 20
001300	2945	7400	224	222	177	3	-66	-73	13614	14260	/	145	73	DROP 21
003250	2752	7561	261	261	172	1	-65	-73	13620	14259	/	144	72	DROP 22
013200	2784	8258		077	077	5	79	22						LANDING

N49RF AVAPS DropSonde Log

N49RF Project: Hurricane 02 Flight ID 020909n
 Mission: Gustav Flight #: 1 System Status: OK

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	OOD ☒
1	014 335 046	1	1820	0	15	DWC		✓
2	003 825 038	1	1840	-.3	19	4		✓
3	003 248 031	2	1856	0	18			✓
4	014 415 007	1	1912	-.5	23			✓
5	003 248 032	2	1926	0	11			✓
6	014 415 005	1	1940	0	30			✓
7	014 415 034	2	1953	0	470		No winds/Late	✓
8	014 415 004	3	1957	0	2.5		Backup for #7	✓
9	014 415 001	1	2014	0	18			✓
10	003 248 041	2	2032	0	36			✓
11	014 515 104	1	2051	0	40	P802		✓
12	014 415 052	1	2115	.3	22			✓
13	014 415 028	1	2135	.0	25			✓
14	014 515 030	1	2156	.3	25			✓
15	003 115 031	1	2214	.1	23			✓
16	014 415 012	2	2230	.1	29			✓
17	014 415 032	1	2246	0	27			✓
18	003 815 260	1	2304	0	25			✓
19	003 135 051	1	2324	-.2	26		TELEM IN+OUT NO ACT	✓
20	014 415 006	2	2325	0	17		BACKUP FOR #18	✓
21	020 835 145	3	2340	.0	28			✓
22	003 815 266	1	2356	.2	38			✓
23	003 825 052	2	0013	0	25			✓
24	014 415 024	1	0032	0	39	✓		✓
25								
26								
27								
28								
29								
30								
31								
32								
33								

020909ndrops1

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: STD08/SYNOPTIC

NOAA/Hurricane Research Division Sunday, September 08, 2002 1:30:26 PM

Aircraft: N49RF

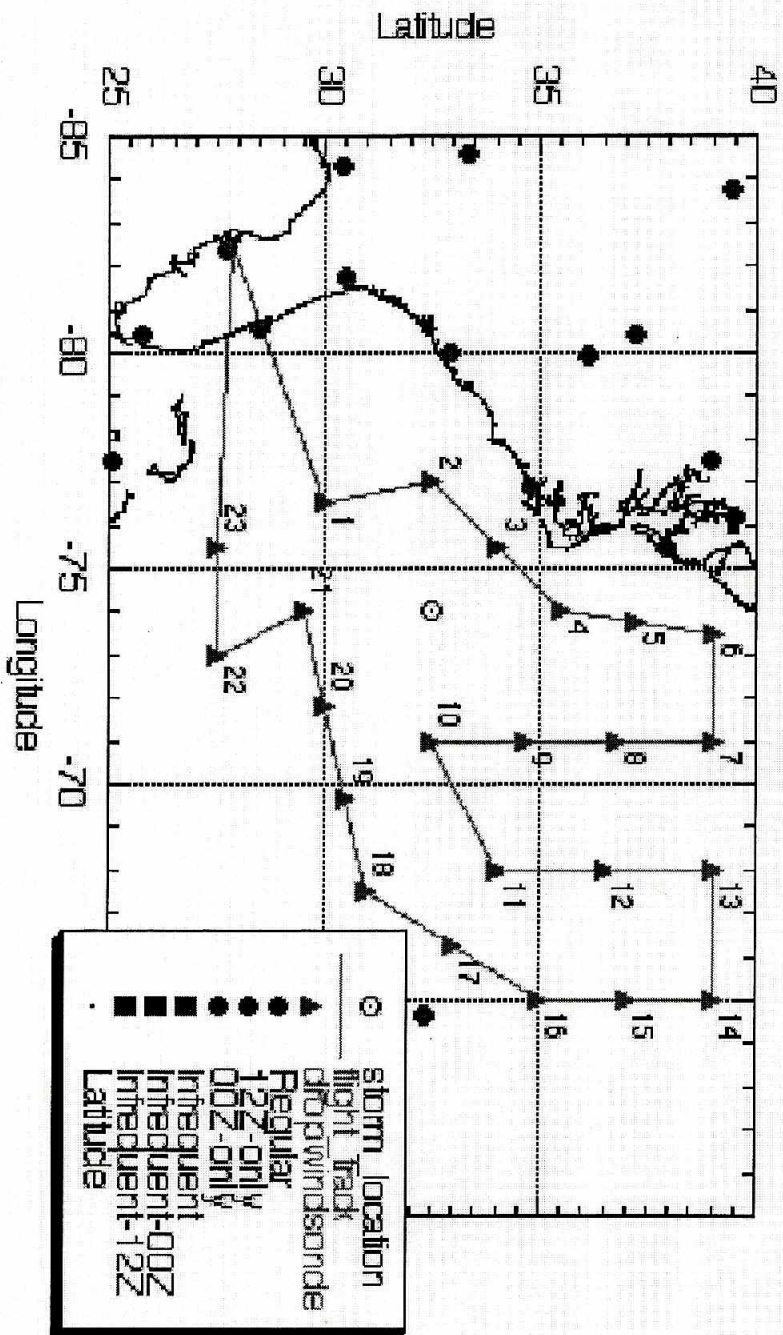
Proposed takeoff: 09/1730Z

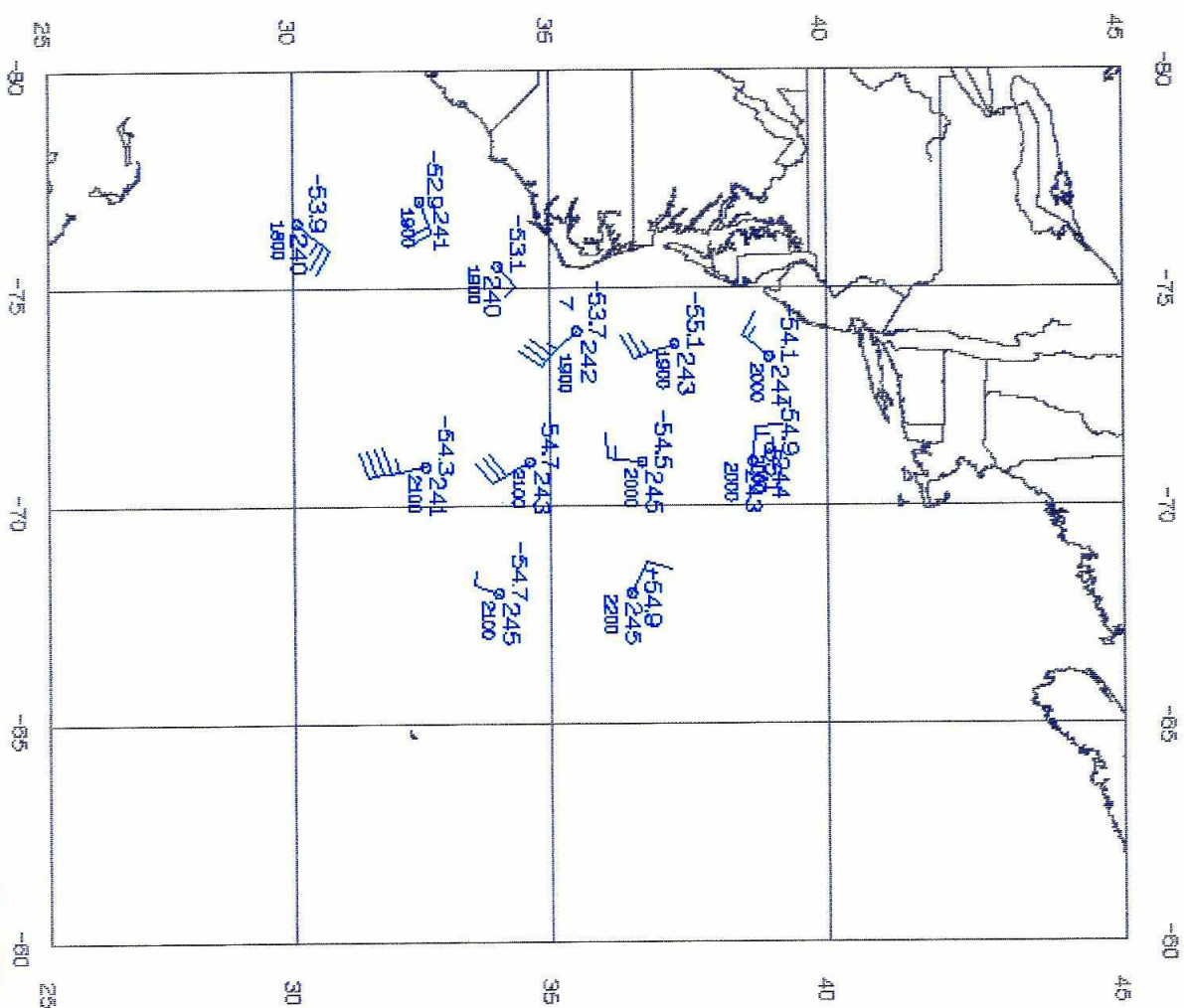
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DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	30 00	76 30		0:49
2	32 30	77 00		1:10
3	34 00	75 30		1:26
4	35 30	74 00		1:43
5	37 15	73 45		1:57
6	39 00	73 30		2:12
7	39 00	71 00		2:30
8	36 50	71 00		2:47
9	34 39	71 00		3:05
10	32 30	71 00		3:23
11	34 00	68 00		3:48
12	36 30	68 00		4:09
13	39 00	68 00		4:29
14	39 00	65 00		4:51
15	37 00	65 00		5:07
16	35 00	65 00		5:24
17	33 00	66 15		5:43
18	31 00	67 30		6:01
19	30 30	69 40		6:18
20	30 00	71 49		6:35
21	29 30	74 00		6:52
22	27 30	73 00		7:10
23	27 30	75 30		7:30

020909N EIGHT





GUSTAV

200 mb

Date: 020909
Time: 18-30 UTC

EARTH RELATIVE

NOAA/ERL/HURRICANE RESEARCH DIVISION