

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

AOCWF-1

Flt ID: 020920n	From: MCF	To: MCF
Flt No: 02-089	Blk In: 0159	ATA: 0152
ETD: 1730Z	Blk Out: 1715	ATD: 1724
ETE: 8.5	Blk Time: 1715 8.7	Flt Time: 8.5
Sponsor Org: HRD	Program: SURV.	Purpose: HURR ISIDORE

AOC Personnel

AC: McCANN	Sys Eng: CARPENTER
CP: POSTON / FUNN	Data Sys: BLOGAN
Nav: ROTEVEEL	Radar: McNAMARA
FE:	GPS/BT:
FD: FLAGSTEV	Cld Phys:
Avionics: HANBROOK	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
WILLIAMSBY	HARS / HRD	
WHITE	HRD	
HONG J-S	HRD	TAIWAN
SCHAEFFER, D	ABC-TV (28)	

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

Flt ID: 020920n Time Off: 1715/1724 Time On: 0152/0159

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1012	29.90	29.85	1011.8 mb

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes	1	
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes	29	

Video

	Forward	Left Side	Right Side	Down	Remarks
Time On					
Time Off					
Rate					

Remarks

DROP 2 - NO WINDS - NO BACK-UP

Flight ID: 020920n

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Form 413-50

TIME	LAT	LOP	TK	HOG	WT	WS	ATX	DPX	ALT	CRALT	PSI	QCIN	NOTES
172400	2031	8200			130	1308	0822	24					TAKE OFF
180050	2148	8347	132	131	338	2.8	-55	-62	12361	13248	13241	84	DROP 1
180920	2135	8273	134	133	170	7.6	-56	-54	12470	13223	175	88	DROP 2
182145	2027	8141	88	88	234	6	-57	-55	12467	13221	175	87	DROP 3
184050	2338	7887	135	137	292	20	-59	-58	12763	13285	167	83	DROP 4
190016	2199	7697	123	121	297	24	-61	-61	12760	13185	167	83	DROP 5
191151	2124	7548	117	115	302	29	-63	-61	13051	13266	159	79	DROP 6
192841	1978	7416	240	248	312	32	-63	-63	13054	13259	159	80	DROP 7
194552	1975	7609	270	273	307	26	-64	-63	13046	13261	159	81	DROP 8
200235	1976	7802	288	290	308	26	-64	-62	13490	13922	155	81	DROP 9
201859	2662	7964	298	297	380	11	-66	-59	13252	14011	154	81	DROP 10
203525	2142	8159											DROP 11
205426	1991	8341	169	165	79	2	-66	-60	13440	14218	149	76	DROP 12
210794	1848	8249	307	301	67	107	0827	0827	13477	14207	147	76	DROP 13
			147	145	356	6.6	-68	-67	13521	14298	147	76	"
212158	1700	8070	256	262	352	15	-68	-69	13524	14289	147	75	DROP 14
213535	1700	8308	270	272	213	11	-69	-66	13613	14385	144	71	DROP 15
215050	1713	8528	336	331	23	13	-68	-68	13614	14396	144	72	DROP 16
221017													DROP 17
223001	2158	8651	329	327	32	9	-68	-63	13613	14408	144	71	DROP 18
224443	2300	8756	297	295	117	8	-67	-67	13610	14400	144	73	DROP 19
225950	2311	8861	235	228	137	19	-66	-65	13611	14391	145	74	DROP 20
231353	2169	9198	336	337	338	2	-64	-69	13611	14373	144	72	DROP 21
233750	2334	9200	0	2	68	14	-66	-72	13615	14383	144	72	DROP 22
235310	2517	9199	0	1	43	7	-68	-73	13617	14403	145	72	DROP 23
000821	2697	9191	47	49	122	3	-67	-69	13613	14402	145	73	DROP 24
002805	2712	8949	180	179	175	10	-67	-70	13614	14417	145	73	DROP 25
003909	2600	8931	111	112	174	15	-66	-70	13621	14421	145	73	DROP 26
005415	2557	8706	48	45	202	6	-66	-66	13621	14420	145	73	DROP 27
011316	2418	8681	70	71	259	5.2	-67	-68	13621	14413	145	73	DROP 28
012658	2750	8496	82	79	324	6	-66	-70	13622	14424	145	71	DROP 29

N49RF AVAPS DropSonde Log

N49RF Project: HURRICANE 02 Flight ID 020920N
 Mission: HURRICANE ISIDORE Flight #: RF9 System Status: OK

34
39
73

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	OOD ☒
1	004255173	1	1801	0	41	ASW		✓
2	021925229	2	1808	0.1	NONE	ASW	FAST FALL, NO WINDS	
3	011245328	1	1821	-0.5	27	ASW		✓
4	010715101	1	1840	-0.2	55	ASW		✓
5	011218103	1	1900	0	56	ASW		✓
6	021925132	2	1911	0	30	ASW		✓
7	021925223	1	1921	0.2	68	ASW		✓
8	021925225	2	1945	0.2	17	ASW		✓
9	010748027	1	2002	0	14	ASW		✓
10	011218102	2	2019	0	58	ASW		✓
11	021925044	1	2035	0.3	53	ASW		✓
12	010715035	1	2054	-0.5	62	ASW		✓
13	021735244	2	2108	0.2	20	ASW		✓
14	003825248	1	2121	-0.6	28	ASW		✓
15	011245333	2	2135	-0.3	32	ASW		✓
16	011218104	1	2150	-0.1	30	ASW		✓
17	010715020	1	2210	-0.4	30	ASW		✓
18	010715100	1	2229	0.3	47	ASW		✓
19	010748019	2	2244	0.2	46	ASW		✓
20	020615272	1	2229	0.2	24	ASW		✓
21	010748024	1	2324	0.1	56	ASW		✓
22	010748021	2	2237	0	30	ASW		✓
23	004255172	1	2353	0.3	32	ASW		✓
24	010748018	2	0008	0	51	ASW		✓
25	004255162	1	0027	0	114	ASW		✓
26	021925250	2	0038	.3	28	ASW		✓
27	021925039	1	0057	0.2	44	ASW		✓
28	020615236	2	0113	0.2	48	ASW		✓
29	011218107	1	0126	.2	78	DWC		✓
30								
31								
32								
33								

020920ndrops1

12995

HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: ISIDORE/SYNOPTIC

NOAA/Hurricane Research Division Thursday, September 19, 2002 2:44:49 PM
Aircraft: N49RF Proposed takeoff: 20/1730Z

DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	25 30	84 00		0:22
2	24 22	82 45		0:35
3	23 15	81 30		0:49
4	24 00	79 00		1:09
5	22 00	77 00		1:32
6	21 15	75 30		1:45
7	19 45	74 00		2:05
8	19 45	76 00		2:21
9	19 45	78 00		2:36
10	20 37	79 45		2:52
11	21 30	81 30		3:08
12	20 00	83 30		3:28
13	18 30	82 30		3:42
14	17 00	81 30		3:57
15	17 00	83 22		4:12
16	17 00	85 15		4:27
17	19 15	85 52		4:46
18	21 30	86 30		5:05
19	23 00	87 30		5:20
20	23 30	89 30		5:36
21	21 30	92 00		6:01
22	23 19	92 00		6:16
23	25 10	92 00		6:31
24	27 00	92 00		6:46
25	27 30	89 30		7:06
26	26 00	89 30		7:18
27	25 30	87 00		7:38
28	27 30	87 00		7:55
29	27 30	85 00		8:10

N 212A
~ 8242

10,000 F
S of YATZ
H2G N-NW

TEAL 74

2992

