

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

AOCWFI

Flt ID: 02091912	From: MCF	To: MCF
Flt No: 02-088	Blk In: 0150	ATA: 0141
ETD: 1730Z	Blk Out: 1714	ATD: 1724
ETE: 8.5	Blk Time: 8.6	Flt Time: 8.3
Sponsor Org: HRD	Program: SURV.	Purpose: TS ISIDORE

AOC Personnel

AC: McCANN	Sys Eng: HARRIS
CP: FRUN/POSTON	Data Sys: CARPENTER
Nav: Rottgessel	Radar: McNAMARA
FE:	GPS/BT:
FD: FLAHSBY	Cld Phys:
Avionics: HORNBLANK	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
WHITE	HAPS / HRD	
LIN	HRD	
WILLOUGHBY	HRD	
RIMMER	PRESS	

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

TS ISIDORE ON TAKEOFF, HURRICANE ISIDORE DURING FLT.

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AOCWPF2

Flt ID: 020919n2 Time Off: 1714 / 1724 Time On: 0141 / 0150

A/C (Take Off)

Wx Station (Take Off)

A/C (Land)

Wx Station (Land)

Pressure

1011.6

A 29.93

1012mb

2989

Number

Data Disposition / Date / Quality

Flt Lvl Tapes

1

Radar Tapes

Cloud Physics Tapes

Video Tapes

AXBT

AXCP

AXCTD

Dropsondes

25

(24 + 1 BAD)

Video

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

Remarks

DROP 12 NO TEMPS/RH - DROPPED BACKUP

Flight ID: 02091912

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Form 413-50

TIME	LAT	LOP	TRK	HDG	WD	WS	TEMP	DWPT	PALT	GPALT	PSLM	QCLM	NOTES
172500	27.9	82.4	80.7	715	76	5	30	23					TAKE OFF
182100													Drop 1
184252	2156	7642	75	68	318	20	-60	-66	12761	13501	167	84	Drop 2
190442	2294	7397	97	94	329	13	-60	-69	12767	13471	167	84	Drop 3
191758	2192	7253	172	173	336	13	-61	-69	12770	13453	167	84	Drop 4
193400	2012	7321	252	254	328	14	-64	-70	13056	13701	160	79	Drop 5
195315	1941	7540	175	175	323	19	-64	-63	13065	13717	159	81	Drop 6
201045	1746	7406	190	195	336	31	-65	-66	13204	13916	156	79	Drop 7
202238	1624	7500	217	221	338	24	-65	-62	13194	13924	156	80	Drop 8
203502	1507	7607	276	281	346	23	-67	-66	13381	14076	152	73	Drop 9
205450	1625	7801	303	304	332	16	-67	-66	13446	14203	149	74	Drop 10
211500	1745	8004	265	265	344	7	-68	-62	13470	14244	148	74	Drop 11
213245	1661	8208	310	315	34	18	-68	-66	13470	14249	148	75	Drop 12
			Drop 12	NO	TSMP	1	FN	10	17				Drop 12 A
217110													Drop 13
214158	1776	8301	322	324	45	11	-67	-63	13488	14258	148	74	Drop 14
215748	1876	8404											Drop 15
221657	1652	8459	246	246	80	16	-69	-65	13607	14390	145	72	Drop 16
223139	1664	8645	352	357	96	17	-68	-65	13611	14393	145	73	Drop 17
224446	1877	8599	12	15	89	16	-69	-69	13609	14393	145	72	Drop 18
230900	2100	8554	340	339	93	7	-68	-66	13609	14396	145	72	Drop 19
233130	2300	8767							13610	14	144	72	Drop 20
234854	2309	8996	327	327	159	16	-67	-70	13610	14380	144	72	Drop 21
000804	2545	8991			196	8	-67	-72	13613	14379	144	72	Drop 22
002710	2545	8743	123	123	147	2.3	-67	-71	13621	14402	145	73	Drop 23
005256	2374	8449	359	359	154	11	-67	-67	13609	14397	145	71	Drop 24
010719	2552	8494	33	33	200	8	-67	-70	13620	14408	144	72	Drop 24

N49RF AVAPS DropSonde Log

N49RF Project: HURRICANE 02

Flight ID 020918N

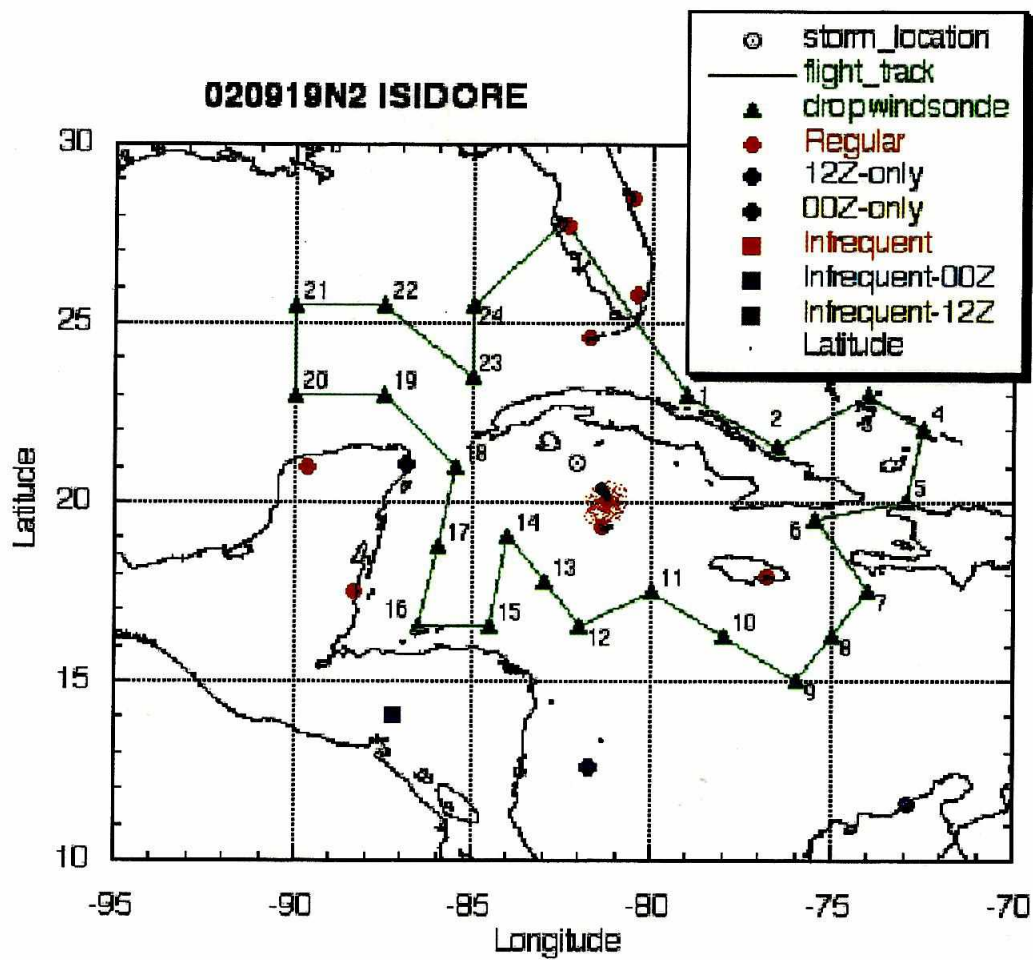
Mission: T. S. ISIDORE

Flight #: RF 8

System Status: OK

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	OOD ☒
1	003825288	1	1821	-0.5	53	ASR		✓
2	003825030	1	1842	-0.4	27	ASR		✓
3	003825287	1	1904	-0.4	18	ASR		✓
4	021925045	2	1918	0.1	35	ASR		✓
5	003825249	1	1934	-0.3	19	ASR		✓
6	021735245	1	1953	0.2	23	ASR		✓
7	021925226	2	2010	.4	90	ASR		✓
8	021925005	1	2022	0.2	30	ASR		✓
9	003825229	2	2035	-0.4	43	ASR		✓
10	021925222	1	2054	0	16	ASR		✓
11	003825262	1	2114	-0.4	34	ASR		✓
12	021925252	2	2132	0.4	33	ASR	NO ALT, TEMP, HUMID.	✓
13	021925043	1	2134	0.4	17	ASR		✓
14	004255038	3	2144	-0.3	98	ASR		✓
15	021925134	1	2157	0.3	27	ASR		✓
16	003825291	1	2216	0.6	61	ASR		✓
17	003515169	2	2231	-1.0	30	ASR		✓
18	021925129	1	2249	0.2	45	DWC		✓
19	003825289	1	2309	0	19			✓
20	003825245	1	2331	-0.3	35			✓
21	021925221	2	2348	.3	29			✓
22	021925042	1	0008	.2	30			✓
23	003825244	1	0026	.5	37			✓
24	003825027	1	0052	-0.3	47			✓
25	003825253	2	0107	-0.4	58			✓
26	003825248	3		.4				
27								
28								
29								
30								
31								
32								
33								

020919N2 ISIDORE



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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: ISIDORE/SYNOPTIC

NOAA/Hurricane Research Division Wednesday, September 18, 2002 12:16:02 PM

Aircraft: N49RF Proposed takeoff: 19/1730Z

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DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	23 00	79 00		0:48
2	21 30	76 30		1:11
3	23 00	74 00		1:34
4	22 00	72 30		1:48
5	20 00	73 00		2:05
6	19 30	75 30		2:26
7	17 30	74 00		2:46
8	16 15	75 00		2:59
9	15 00	76 00		3:12
10	16 15	78 00		3:31
11	17 30	80 00		3:50
12	16 30	82 00		4:08
13	17 45	83 00		4:21
14	19 00	84 00		4:34
15	16 30	84 30		4:55
16	16 30	86 30		5:11
17	18 45	86 00		5:29
18	21 00	85 30		5:48
19	23 00	87 30		6:11
20	23 00	90 00		6:31
21	25 30	90 00		6:51
22	25 30	87 30		7:11
23	23 30	85 00		7:36
24	25 30	85 00		7:52

Iaa

1E
EHODWEDltlaaa aa aa