

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

AOCWF-1

Flt ID: 020922n	From: MCF	To: MCF
Flt No: 02-90	Blk In: 0214	ATA: 0207
ETD: 1730Z	Blk Out: 1721	ATD: 1731
ETE: 8.5	Blk Time: 8.9	Flt Time: 8.6
Sponsor Org: HRD	Program: SOUV.	Purpose: HURRICANE ISIDORE

AOC Personnel

AC: FINKE	Sys Eng: BROGAN
CP: FINN / POSTON	Data Sys: McNAMARA
Nav: ROTEVEEL	Radar: CARPENTER
FE:	GPS/BT:
FD: FLAHERTY	Cld Phys:
Avionics: HORN BROOK	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
WHITE, S	HAPS	HRD
LIN	HAPS	HRD
MOORE	VIS	NOAA

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

Flt ID: 020922n Time Off: 1721 / 1731 Time On: 0207/0214

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	851 1009.6	A 2984	1010.5 mb	A 2984

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes	1	
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes	30	(2 bad - were backed up) (28+2)

Video

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

Remarks

DROP 3 - BAD DROP - BACKED UP
DROP 7 - BAD DROP - BACKED UP
DROP 25 - NO WINDS - NOT BACKED UP

N49RF AVAPS DropSonde Log

N49RF Project: HURRICANE 02

Flight ID 020922N

Mission: HURRICANE ISIDORE Flight #: RF40

System Status: OK

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	OOD ☒
1	022945177	1	1813	0	25	DS		✓
2	022945150	1	1832	-0.1	11	DS		✓
3	022945248	2	1848	-0.2	NONE	DS	NO WINDS FAST FALL	✓
4	022945249	3	1849	0	NONE	DS	TELECOM BAD BACKUP NO WINDS FOR DROP	✓
5	022945019	1	1904	-0.4	14	DS		✓
6	022945015	1	1922	-0.3	20	DS		✓
7	022945021	1	1946	-0.2	13	DS		✓
8	022945013	1	2009	-0.3	NONE	DS	DEAD NO TELECOM	✓
9	020248007	2	2010	0.2	40	DS	BACKUP TO #8	✓
10	022945254	1	2023	-0.1	54	DS		✓
11	013635092	2	2038	0.2	45	DS	MISLABELED ID	✓
12	020215338	1	2053	0.1	57	DS		✓
13	022945018	2	2108	-0.3	19	DS		✓
14	022928021	1	2123	0	36	DS		✓
15	020215334	2	2141	0	42	DWC		✓
16	022945016	3	2147	0	27			✓
17	010715014	1	2157	0	119		Late winds	✓
18	020215240	1	2221	.3	26			✓
19	022815069	1	2242	0	30		Intermittent winds	✓
20	020215054	2	2258	0	33			✓
21	022945247	1	2317	0	19			✓
22	020215385	2	2330	0	32			✓
23	022945178	1	2344	0	41			✓
24	010715099	3	2356	-.4	27		No alt, temporary	✓
25	022945246	2	0009	0	32			✓
26	022945023	1	0030	-.6	29			✓
27	022945251	1	0050	0			No winds	✓
28	022945253	2	0106	0	28			✓
29	020215339	1	0123	0	19			✓
30	020248010	3	0140	.5	31			✓
31								
32								
33								

Flight ID:

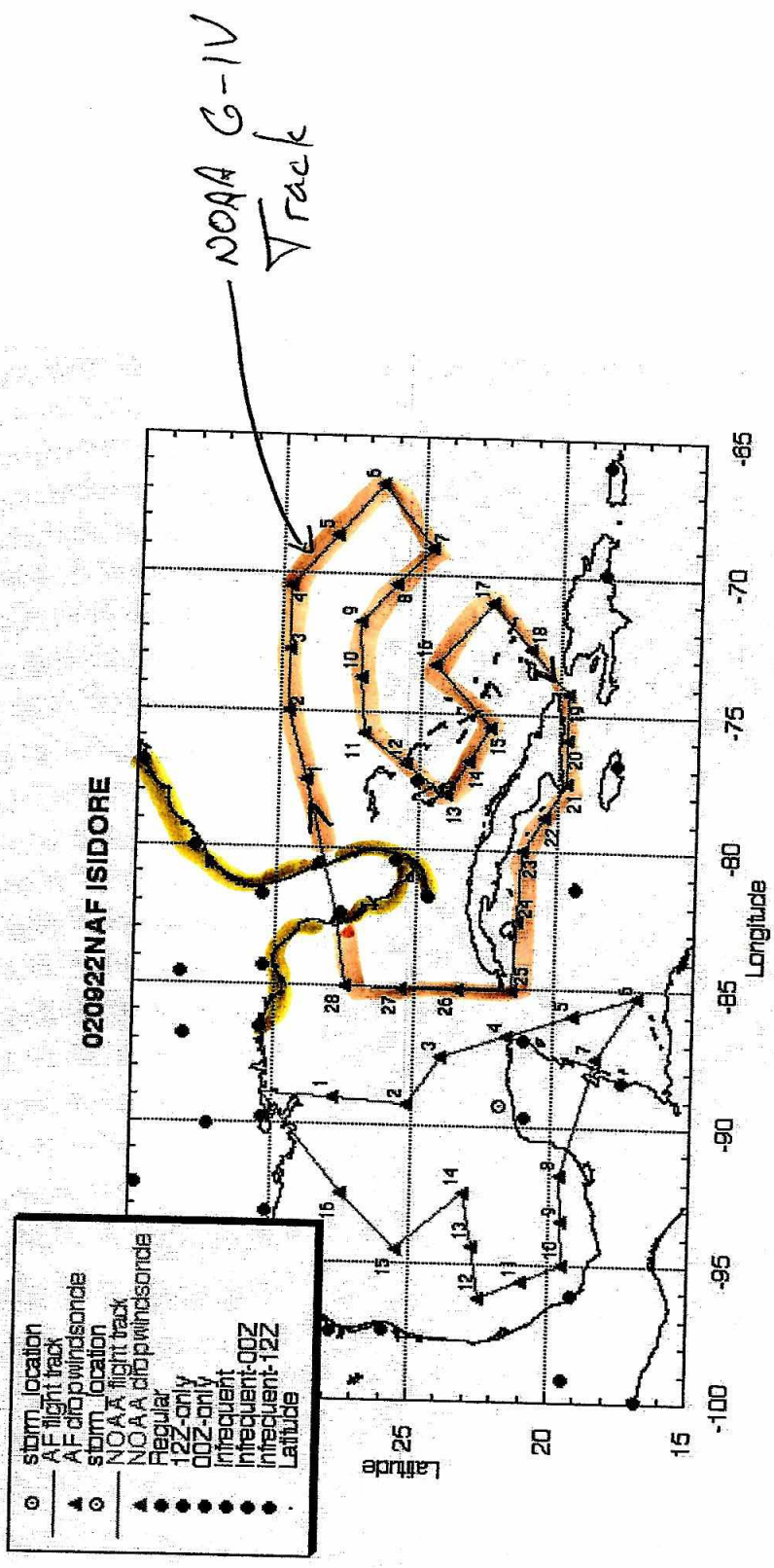
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Page of

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Form 413-50

TIME	LAT	LOP	TRK	HGX	W/D	W/S	TEMP	DPWT	PALT	GPALT	P51	QC1	NOTES
172100	2704	8249	—	—	30	6	31	23	26	11	1009.6	1011.2	TAKE OFF
181324	2700	7747	71	63	337	24	-57	-65	12470	13121	175	80	DROP 1
183225	2704	7747	64	77	352	27	-56	-66	12470	13070	175	81	DROP 2
184835	2704	7273	89	86	036	9	-54	-65	12470	13037	175	80	DROP 3
					NO WINDS / NO DATA								340 DROP
185056													DROP 3A
190453	2711	7047	120	124	160	22	-60	-68	12470	13051	175	80	DROP 4
192621	2811	6860	133	135	151	27	-62	-65	12476	13077	176	86	DROP 5
194152	2645	6626	199	198	183	17	-63	-63	12466	13008	175	87	DROP 6
			D5AD										DROP 7
201015	2492	6919	315	311	206	13	-63	-67	13048	13649	159	78	DROP 2A
202333	2601	7038	311	322	255	74	-60	-68	13049	13653	159	80	DROP 8
203816	2721	7178	287	285	294	7	-59	-69	13058	13642	159	79	DROP 9
205308	2711	7379	266	270	337	20	-60	-69	13047	13662	159	70	DROP 10
210829	2696	7575	235	240	332	30	-62	-70	13049	13702	159	78	DROP 11
212509	2544	7691	215	220	300	24	-63	-70	13327	14033	152	77	DROP 12
214101	2373	7740	127	125	310	21	-66	-65	13617	14348	144	72	DROP 13 (LATE)
214704	2323	7672	122	119	321	26	-67	-66	13614	14362	144	72	DROP 14
215713	2257	7546	73	61	327	37	-67	-70	13614	14322	144	72	DROP 15
222131	2444	7320	101	91	324	28	-66	-72	13615	14278	144	72	DROP 16
224212	2248	7107	188	195	313	24	-66	-73	13611	14265	144	72	DROP 17
225856	2109	7264	229	237	325	35	-67	-73	13617	14304	144	72	DROP 18
231742	1982	7445	224	234	331	37	-68	-70	13618	14328	144	72	DROP 19
233048	1975	7548	269	276									DROP 20 (LATE)
234400	1977	7752	290	296	337	29	-68	-69	13624	14368	144	74	DROP 21
235652	2050	7876	302	303	329	20	-69	-62	13622	14372	144	72	DROP 22
000954	2124	8000	276	278	302	16	-68	-66	13624	14391	144	73	DROP 23
003013	2136	8255	274	275	328	11	-68	-69	13627	14403	144	72	DROP 24
005006	2156	8503	323	323	298	11	-66	-67	13621	14404	144	72	DROP 25
							NO WINDS ON						DROP 25
010704	2351	8504	357	357	320	16	-67	-66	13626	14402	144	72	DROP 26
012407	2353	8501	359	355	292	12	-67	-68	13622	14397	145	72	DROP 27
014038	2749	8490	51	51	244	15	-67	-66	13630	14386	145	74	DROP 28



HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: ISIDORE/SYNOPTIC

NOAA/Hurricane Research Division Saturday, September 21, 2002 12:13:14 PM

Aircraft: N49RF

Proposed takeoff: 22/1730Z

DROP LOCATIONS

G-IV Instrument Drop Points

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	29 00	77 30		0:39
2	29 45	75 00		0:59
3	29 45	72 45		1:16
4	29 45	70 30		1:34
5	28 07	68 37		1:53
6	26 30	66 45		2:13
7	24 45	69 00		2:35
8	26 00	70 22		2:50
9	27 15	71 45		3:05
10	27 07	73 45		3:20
11	27 00	75 45		3:36
12	25 30	76 52		3:51
13	24 00	78 00		4:06
14	23 15	76 45		4:18
15	22 30	75 30		4:29
16	24 32	73 15		4:53
17	22 30	71 00		5:18
18	21 07	72 37		5:35
19	19 45	74 15		5:52
20	19 45	75 52		6:05
21	19 45	77 30		6:18
22	20 30	78 45		6:29
23	21 15	80 00		6:41
24	21 22	82 32		7:01
25	21 30	85 05		7:21
26	23 30	85 03		7:38
27	25 30	85 01		7:54
28	27 30	85 00		8:10
