

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

AOCWF1

Flt ID: 020918n	From: MCF	To: MCF
Flt No: 02-086	Blk In: 0206	ATA: 0157
ETD: 1730 Z	Blk Out: 1722	ATD: 1731
ETE: 8.5	Blk Time: 8.7	Flt Time: 8.5
Sponsor Org: HRD	Program: SURV	Purpose: T.S. ISIDORE

AOC Personnel

AC: McCANN ✓	Sys Eng: MCNAMARA
CP: FINN POSTON ✓	Data Sys: CARPENTER
Nav: ROTUEEL ✓	Radar: BROGAN
FE:	GPS/BT:
FD: FAHSEY	Cld Phys:
Avionics: HORN BROOK	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
WHITE ✓	HAPS	HRD
LIN ✓	VIS	TAIWAN
WELLS ✓	VIS	PATROLLING MAGAZINE

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

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AOCWF2

Flt ID: 020918n Time Off: 1722/1731 Time On: 0157/0206

A/C (Take Off)

Wx Station (Take Off)

A/C (Land)

Wx Station (Land)

Pressure

1012.94

A29.96"

1012.7

A29.93

Number

Data Disposition / Date / Quality

Flt Lvl Tapes

1

Radar Tapes

Cloud Physics Tapes

Video Tapes

AXBT

AXCP

AXCTD

Dropsondes

28

Video

Forward

Left Side

Right Side

Down

Remarks

Time On

Time Off

Rate

Remarks

2 BAD Dropsondes (12 + 17) - BACKED UP

Drop 10
is last

N49RF AVAPS DropSonde Log

N49RF Project: HURRICANE 02 Flight ID 020918n

Mission: T.S. ISIDORE Flight #: RF 6 System Status: OK

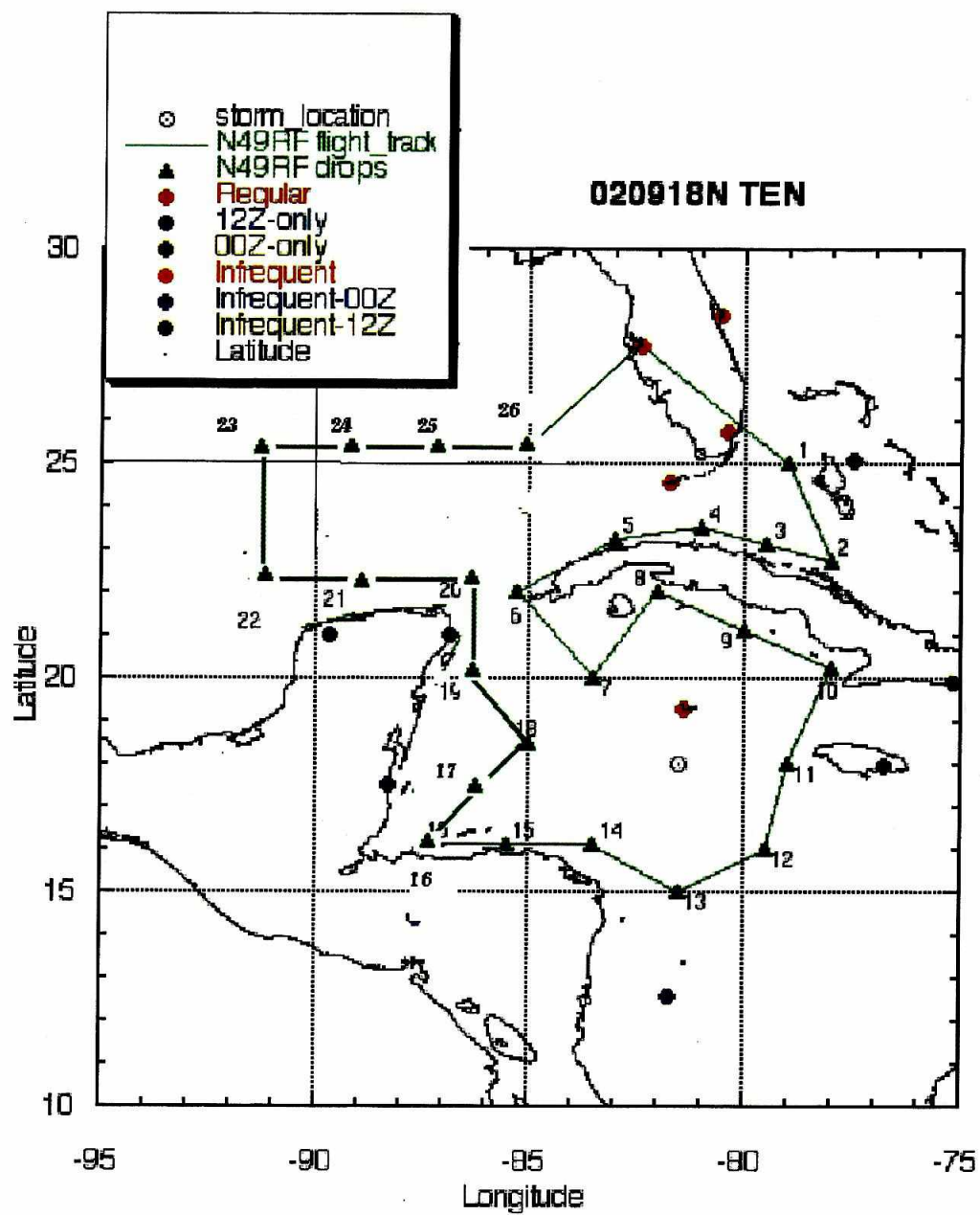
Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	OOD ☒
1	003 338 113	1	1812	0.3	36	DSB		✓
2	003 338 081	1	1831	0	38	DSB		✓
3	003 338 056	2	1842	0	37	DSB		✓
4	013 968 034	1	1859	0.1	32	DSB		✓
5	992 525 907	1	1912	0.2	35	DSB		✓
6	984 925 070	1	1932	0	28	DSB		✓
7	013 915 038	1	1954	0.6	46	DSB		✓
8	993 925 280	2	2012	0.2	33	DSB		✓
9	013 718 059	1	2029	0.4	62	DSB		✓
10	993 655 165	1	2047	0.7	40	DSB		✓
11	984 325 375	2	2107	0	42	DSB		✓
12	993 215 056	3	2114	0	—	DSB	NO LAUNCH DETECT	✓
13	013 718 056	1	2125	0	35	DSB		✓
14	013 968 035	2	2141	0.3	40	DSB		✓
15	013 718 060	1	2158	0.4	41	DSB		✓
16	903 475 010	2	2213	0	24	DWC		✓
17	991 018 035	1	2228	.3	39			✓
18	993 925 300	2	2240	0	—		No launch detect	✓
19	990 845 199	3	2241	0	48		Drop #18 B/U	✓
20	013 968 033	1	2255	.4	29			✓
21	013 718 051	2	2313	.5	30			✓
22	994 315 040	1	2331	-.3	55		Lost winds @ 600mb	✓
23	003 338 016	2	2349	0	28			✓
24	021 925 220	1	0008	.2	36			✓
25	013 718 052	1	0032	.4	23			✓
26	013 718 058	2	0050	.4	28			✓
27	984 325 486	1	0106	.4	47			✓
28	003 135 309	2	0122	.3	54			✓
29	003 515 126			.8				
30								
31								
32								
33								

HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: TEN/SYNOPTIC

NOAA/Hurricane Research Division Tuesday, September 17, 2002 4:22:46 PM
 Aircraft: N49RF Proposed takeoff: 18/1730Z

DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
TT-1	25 00	79 00		0:35
TT-2	22 45	78 00		0:55
DP-3	23 07	79 30		1:08
TT-23	23 30	81 00		1:20
TT-24	23 30	83 15		1:37
TT-25	22 00	85 15		1:57
TT-26	20 00	83 30		2:19
TT-27	22 00	82 00		2:39
DP-9	21 07	80 00		2:56
TT-28	20 15	78 00		3:14
TT-29	18 00	79 00		3:34
TT-30	16 00	79 30		3:50
TT-31	15 00	81 30		4:09
TT-32	16 06	83 30		4:27
DP-15	16 06	85 30		4:43
TT-33	16 06	87 30		4:59
DP-17	17 17	86 15		5:13
TT-34	18 30	85 00		5:27
TT-35	20 00	86 45		5:41
TT-36	22 15	86 30		6:04
DP-21	22 15	89 00		6:24
TT-37	22 15	91 30		6:43
TT-38	25 15	91 30		7:08
DP-24	25 15	89 19		7:25
DP-25	25 15	87 10		7:42
TT-39	25 15	85 00		7:59



20302

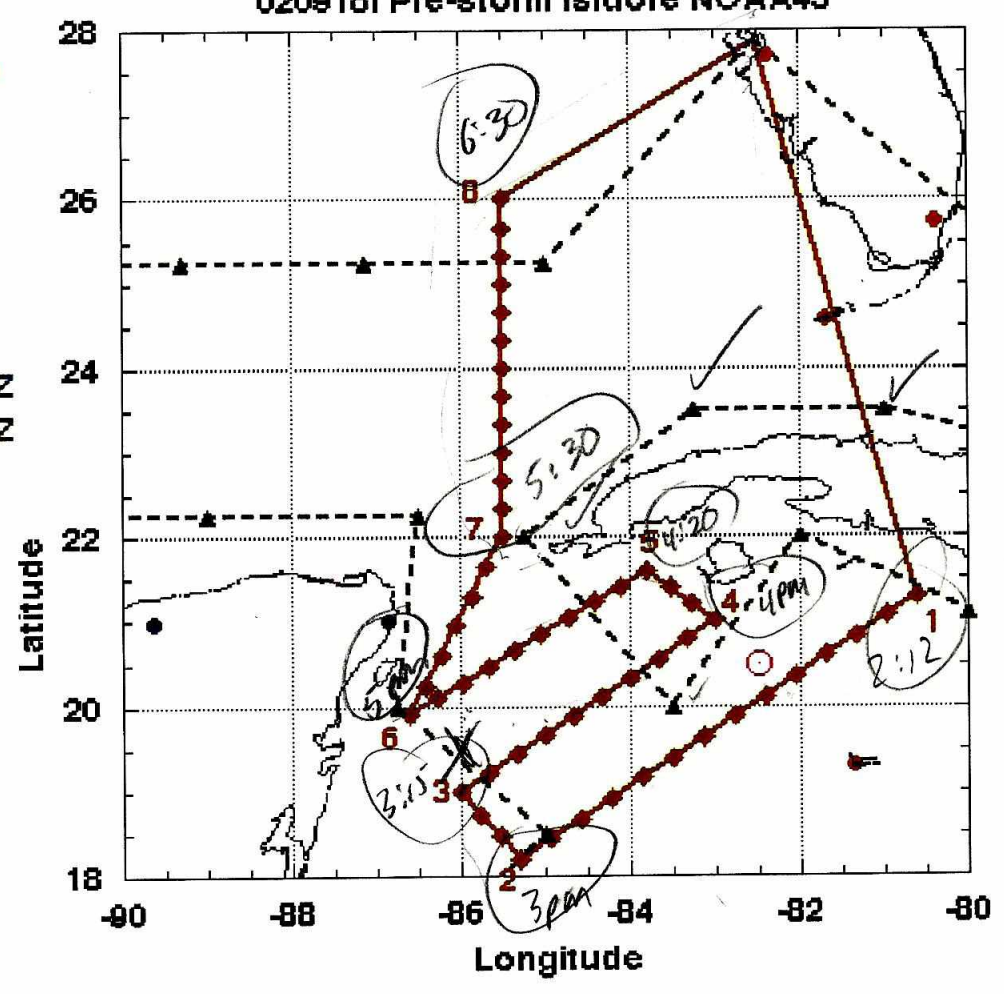
19.0
78.6
60ms

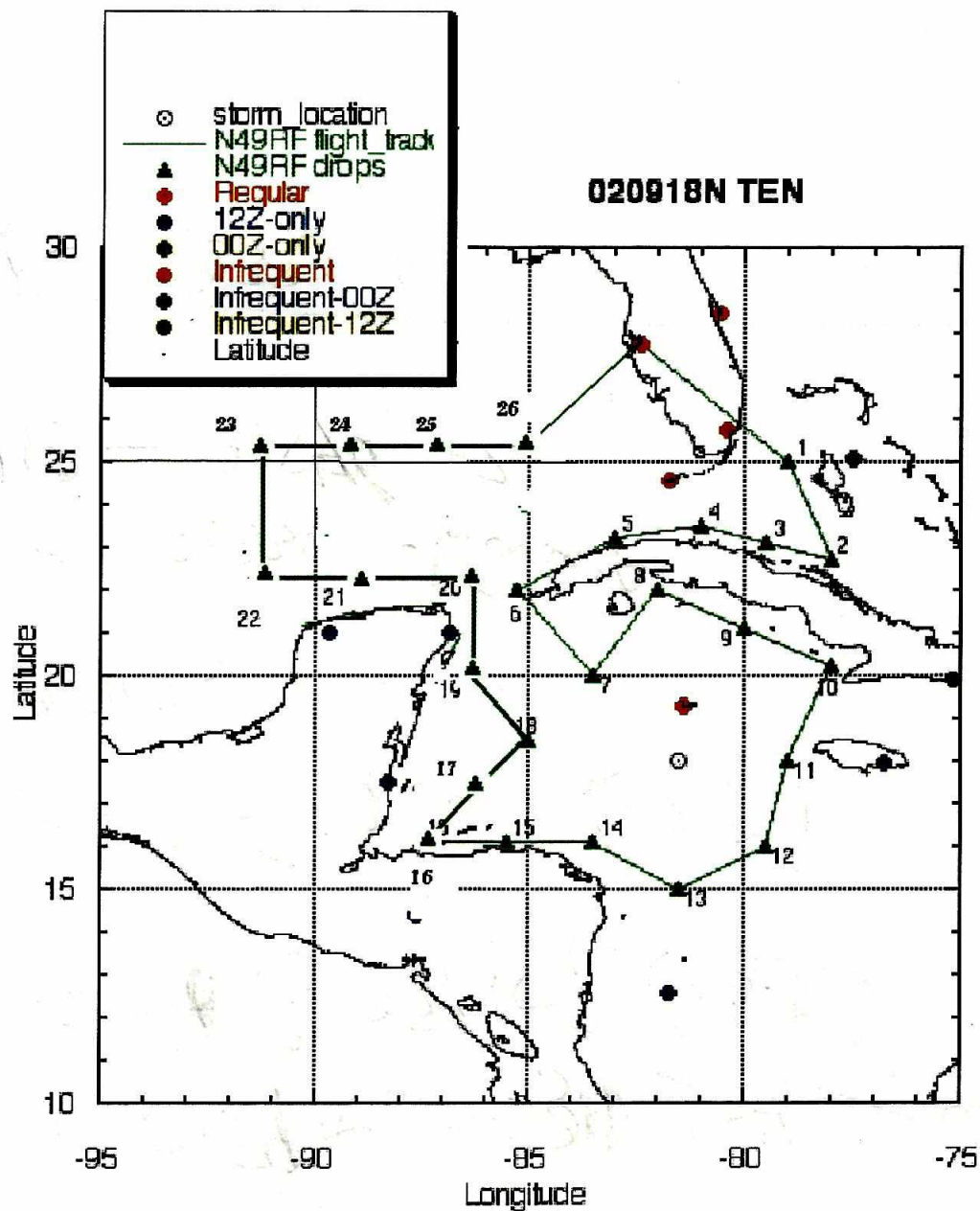
19N
86W

550
550
550

- Isidore 19/18z
- N43 Track
- ◆ AXBT/CTD/CP
- - - N49 Track
- ▲ N49 Sonde
- Regular
- 12Z-only
- 00Z-only
- Infrequent
- Infrequent-00Z
- Infrequent-12Z

020918I Pre-storm Isidore NOAA43





~~164747 - 164804~~

~~SD 1640~~

SD 164740 - 164843

165059 - 170330 (-4 on self)

172448 - 172935 (-3.5)

191921 - 19828 (-2.5)

195409

165059 - 170330 - 15 on self

172448 - 172546 - 2

SD 164740 - 170330 16