

AXBT, AXCTD, AND AXCP CHECK SHEET

Flight Number 020918 I

Take off Time _____

Storm ISIDORE

AXBT/AXCP Contract Number _____

Landing Time _____

TAPES ON: ~~17:30:00~~
17:45:00

	AXCP/ AXBT/ AXCTD	Channel Number	Serial Number	Predicted Lat. Deg. Min	Predicted Long. Deg. Min	Actual Drop Time (HHMMSS)	Actual Lat Deg.	Actual Long Deg.	Surface Temp.	MLD (m)	Comments
											AB = Bad AGAR
1	CTD	14	00040001			17:51:57	21 17.3	80 38.2	?	3	Weird! Good to 1000m
2	CP	12	01061077			17:58:03	21 3.3	80 57.2			Noisy @ 450m
3	CTD	16	01090058			18:04:20	20 49.5	81 18.9			SW Failure
4	CP	14	98081037			18:10:43	20 35.5	81 41.2			Good TX > 1000m AB
5	CTD	12	00070002			18:17:33	20 20.2	82 4.8			SW Failure 1st shot
6	CP	16	98071047			18:23:35	20 6.9	82 25.0			good TX > 1000m AB
7	CTD	14	00040002			18:29:55	19 50.7	82 46.5	SW PROBLEMS!		OK/BAD CALS
8	CP	12	98081025			18:36:17	19 38.3	83 8.0			OK > 1000m AB
9	CTD	16	00040015			18:42:45	19 23.6	83 29.7			Good signal/BAD CALS
10	CP	14	98071192			18:49:10	19 09.4	83 51.4			OK > 1000m
11	CTD	12	01090016			18:55:45	18 55.0	84 13.2			NO CALS noisy @ 500m
12	CP	16	98071149			19:02:18	18 40.5	84 34.9			Hung - No MOD X
13	CTD	14	00070003			19:08:55	18 26.3	84 56.0			Bad TX X
14	CP	12	98071102			19:15:02	18 13.8	85 19.2			WIRE BREAK!
15	CTD	16	98080078			19:21:05	18 27.8	85 31.8	29	140m	Good CALS! > 700m
16	CTD	14	00070008			19:26:30	18 44	85 46			Good
17	CP	12	98081022			19:37:54	19 54	85 54.7			Good

Tape Switched
19:32:45

AXBT, AXCTD, AND AXCP CHECK SHEET

Flight Number 020918I
 Take — off Time _____
 Storm _____

AXBT/AXCP Contract Number _____
 Landing Time _____

No AXCP SW Failure After drop # 17

	AXCP/ AXBT/ AXCTD	Channel Number	Serial Number	Predicted Lat. Deg. Min	Predicted Long. Deg. Min	Actual Drop Time (HHMMSS)	Actual Lat Deg.	Actual Long Deg.	Surface Temp.	MLD (m)	Comments
18	CTD	16	98080118			19:42:54	19	15.8 85 40.0	29.8		d26 - 145m
19	CP	14	98071189			19:46:48	19	30.4 85 18.6			Sw Failure OK
20	CTD	12	00040008			19:50:40	19	43.1 85 0.0			NO CALS
21	CP	16	98071051			19:59:08	19	56.3 89 39.8			Sw Failure OK
22	CTD	14	00040003			20:05:50	20	9.6 84 19.0			OK, NO CALS
23	CP	12	98071173			20:12:02	20	21.6 84 0.3			SW Failure OK
24	CTD	16	01090059			20:18:43	20	34.7 83 40.0			NO CALS / OK 7800m
25	CP	12	99071046			20:25:39	20	48.2 83 19.1			Sw Failure OK
26	CTD	14	00040005			20:33:01	21	3.5 83 1.3			OK / BAD CALS
27	CTD	16	01090055			20:37:12	21	12.1 83 14.5	30	75	OK / d26 = 150m
28	CTD	14	01050009			20:42:33	21	24.0 83 30.7	30	70	OK / d26 = 110m / Noisy @ 100
29	CTD	12	98080168			20:48:25	21	34.4 83 50.3	30	75	OK / d26 = 130m
30	CTD	16	01090046			20:53:05	21	24.4 84 6.8			NO CALS
31	CTD	14	00070006			20:58:19	21	13.2 84 25.4			BAD / HUNG
32	CP	12	98071073			21:03:55	21	1.7 84 45.4			OK
33	CTD	16	98080120			21:08:56	20	51.2 85 3.0	29.5		OK / d26 = 170m / Noisy
34	CP	14	98071183			21:14:10	20	40.7 85 21.1			OK

AXBT, AXCTD, AND AXCP CHECK SHEET

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 Take — off Time _____
 Storm _____

AXBT/AXCP Contract Number _____
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TAPES: DAT 1 Switched 21:28:30
 DAT 2+3 Switched 21:38:54

	AXCP/ AXBT/ AXCTD	Channel Number	Serial Number	Predicted Lat. Deg. Min	Predicted Long. Deg. Min	Actual Drop Time (HHMMSS)	Actual Lat Deg. Min	Actual Long Deg. Min	Surface Temp.	MLD (m)	Comments
35	CTD	12	98080176			21:19:30	20 29.4	85 39.1	OK		d26=180/Noisy @ 200
36	CP	12	98071046			21:25:20	20 17.1	85 39.0			OK
37	CTD	14	00070015			21:30:44	20 5.5	86 17.4	30	80	OK/d26=140m/Noisy @ 200
38	CP	12	01051106			21:38:22	19 52.2	86 34.8			
39	BT	16				21:45:22	20 15.1	86 24.2	29.7		NOISY/d26=130m/boom 160
40	BT	14				21:50:10	20 30.5	86 16.5			
41	CTD	12	01060065			21:51:37	20 35.3	86 14.1	29.7		OK/NOISY @ 200
42	BT	16				21:58:41	20 57.9	86 2.5			
43	BT	12				22:05:07	21 18.5	85 52.3	29.3		d26=150m
44	CTD	16	98080135			XX		XX			XX
45	BT	16				22:11:40	21 39.6	85 41.4	29		OK/drops/d=130
46	BT	12				22:17:59	22 2.3	85 30.7	29.5		OK/d26=155m
47	BT	16				22:22:02	22 19.0	85 30.7			OK
48	BT	12				22:26:55	22 40.0	85 30.8			Noisy TX/d26
49	BT	16				22:31:44	23 2.3	85 31.0			??
50	BT	12				22:35:53	23 19.0	85 31.0			DVID
51	BT	16				22:40:30	23 40.0	85 31.0	29.4		OK/d26=160m

Flight Number 020918T
Take — off Time _____
Storm _____

AXBT/AXCP Contract Number _____
Landing Time _____

[illegible]

○ Storm 19/18Z

— N43 Track

◆ AXBT/CTD/CP

--- N49 Track

▲ N49 drops

● Regular

● 12Z-only

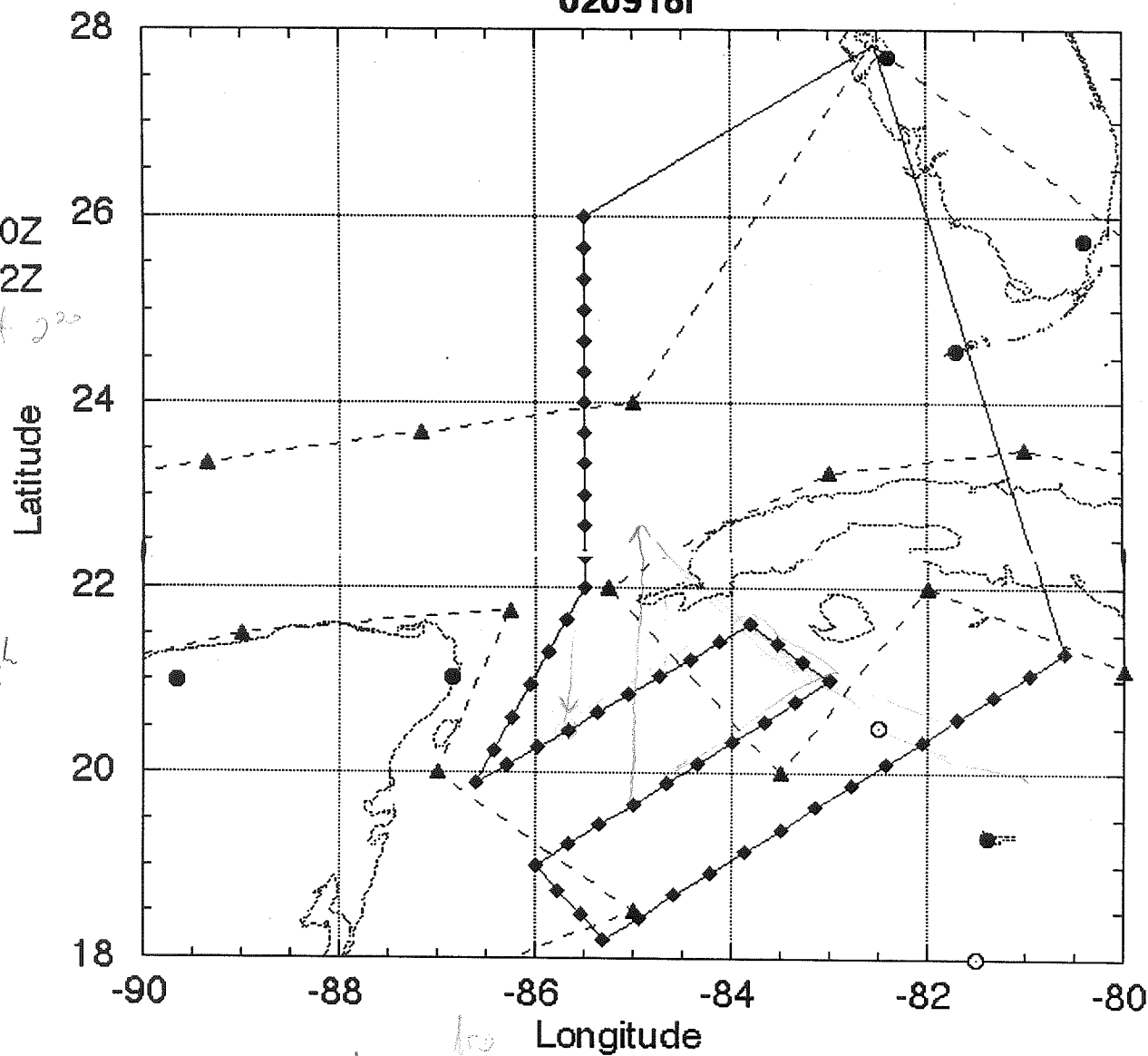
● 00Z-only

● Infrequent

● Infrequent-00Z

● Infrequent-12Z

N43 prestorm ISIDORE 020918i



LIMITED DISTRIBUTION
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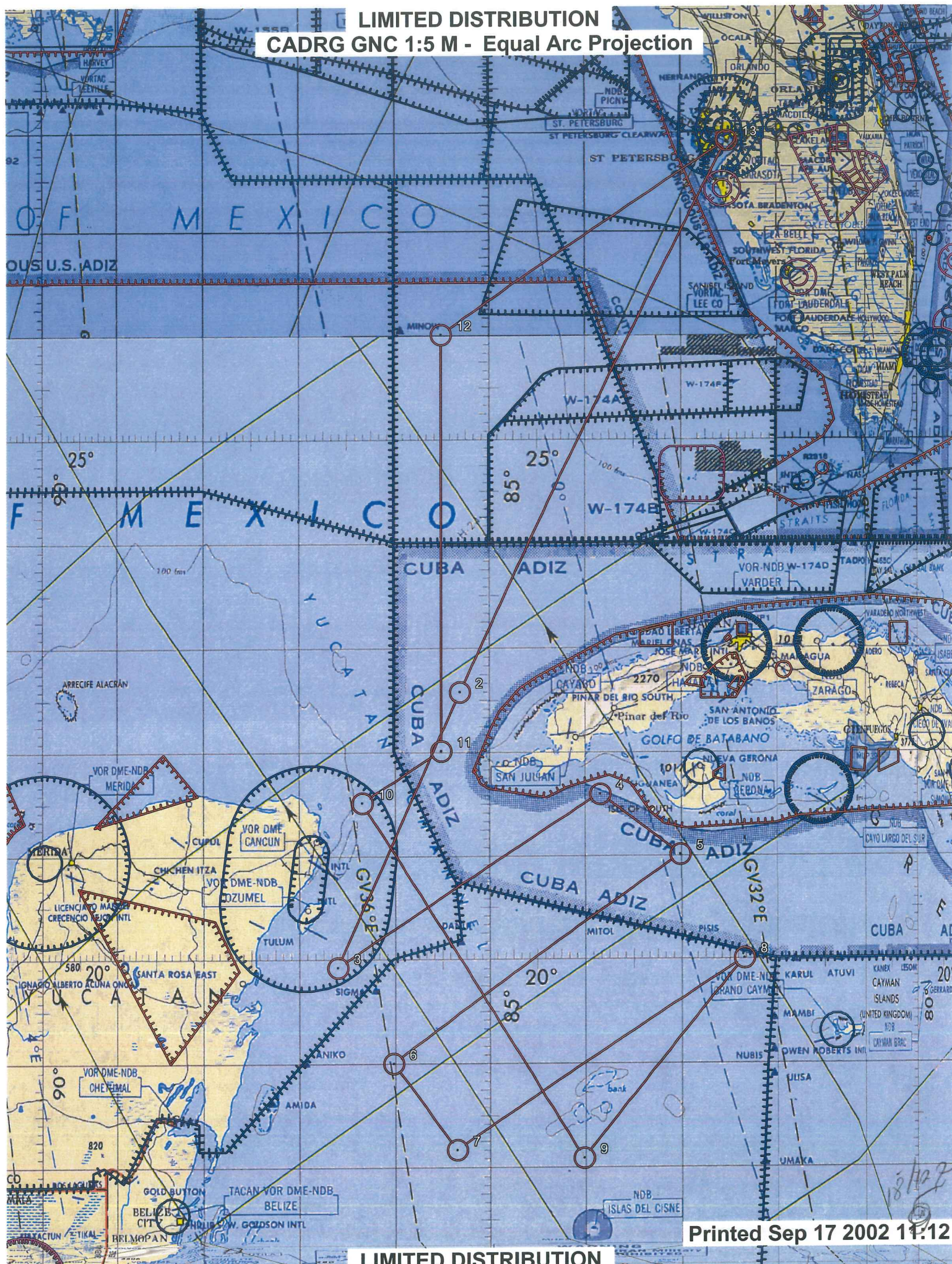


GNC 02, Ed 12, Jul 17 1997
GNC 09, Ed 13, Apr 09 1990

Printed Sep 18 2002 10:27
DAFIF expired Aug 07 2002
CADRG current as of Feb 12 2001

LIMITED DISTRIBUTION

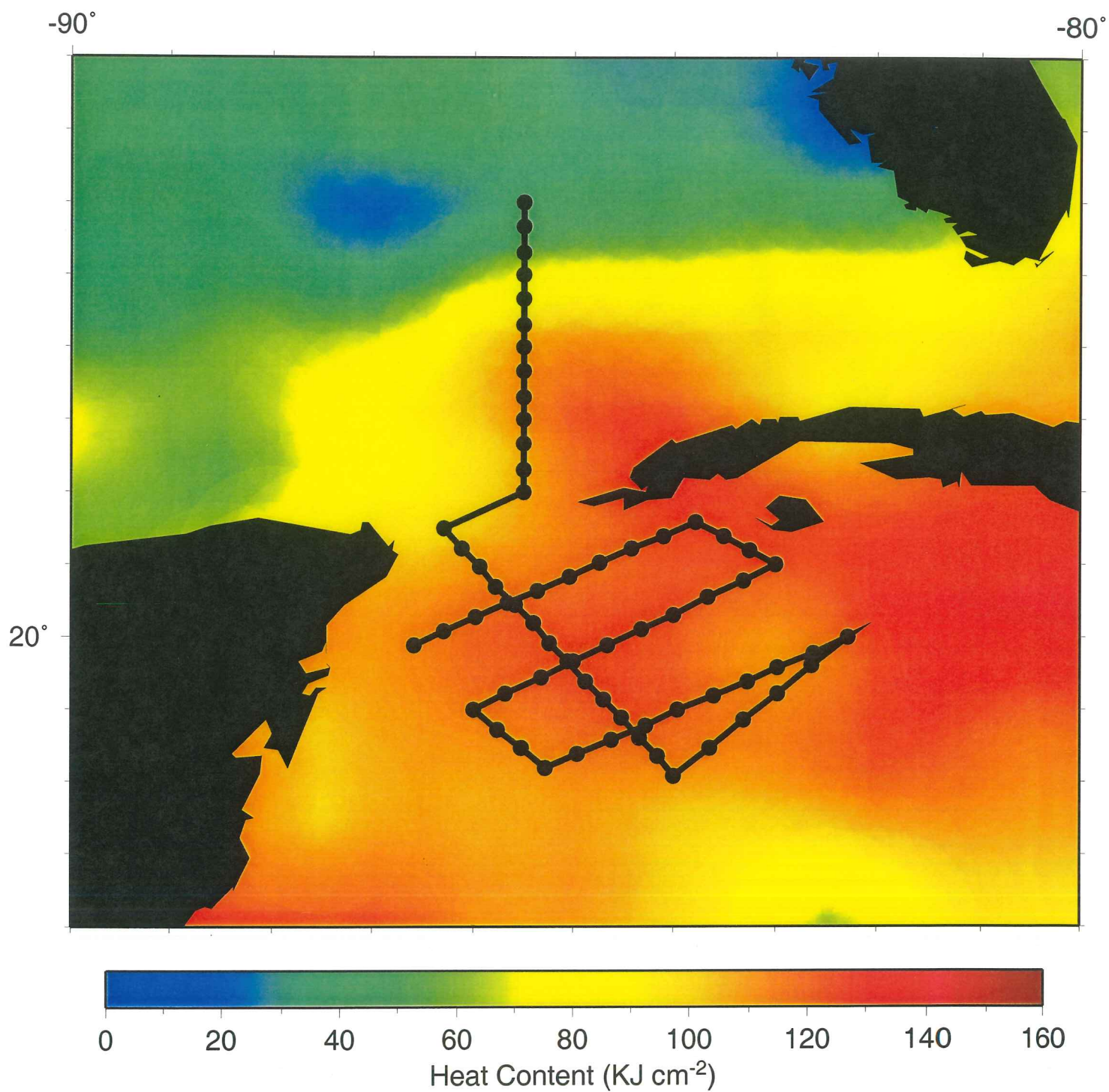
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CADRG GNC 1:5 M - Equal Arc Projection



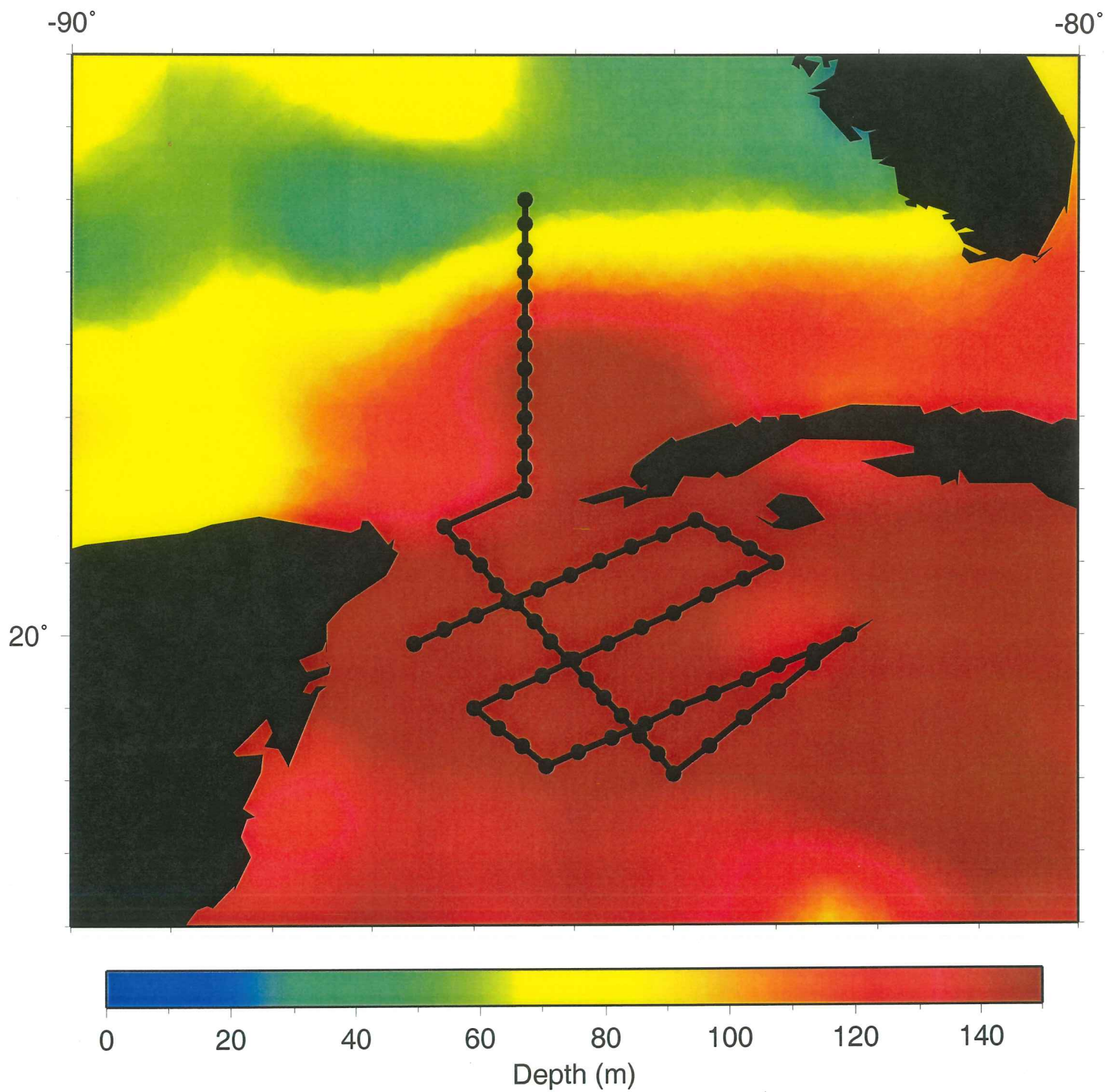
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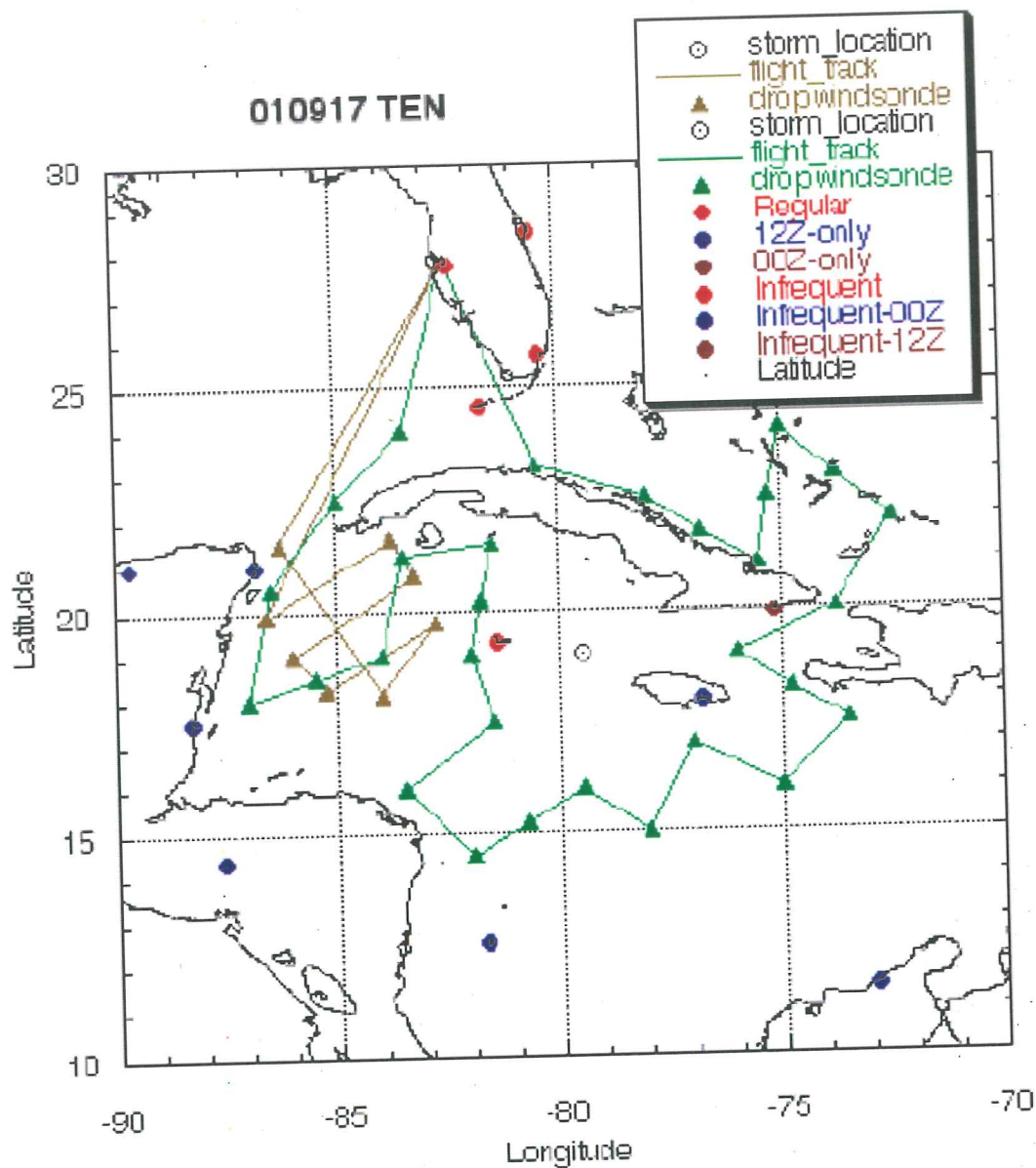
Ocean Heat Content: 2002_260



Depth of 26° Isotherm: 2002_260



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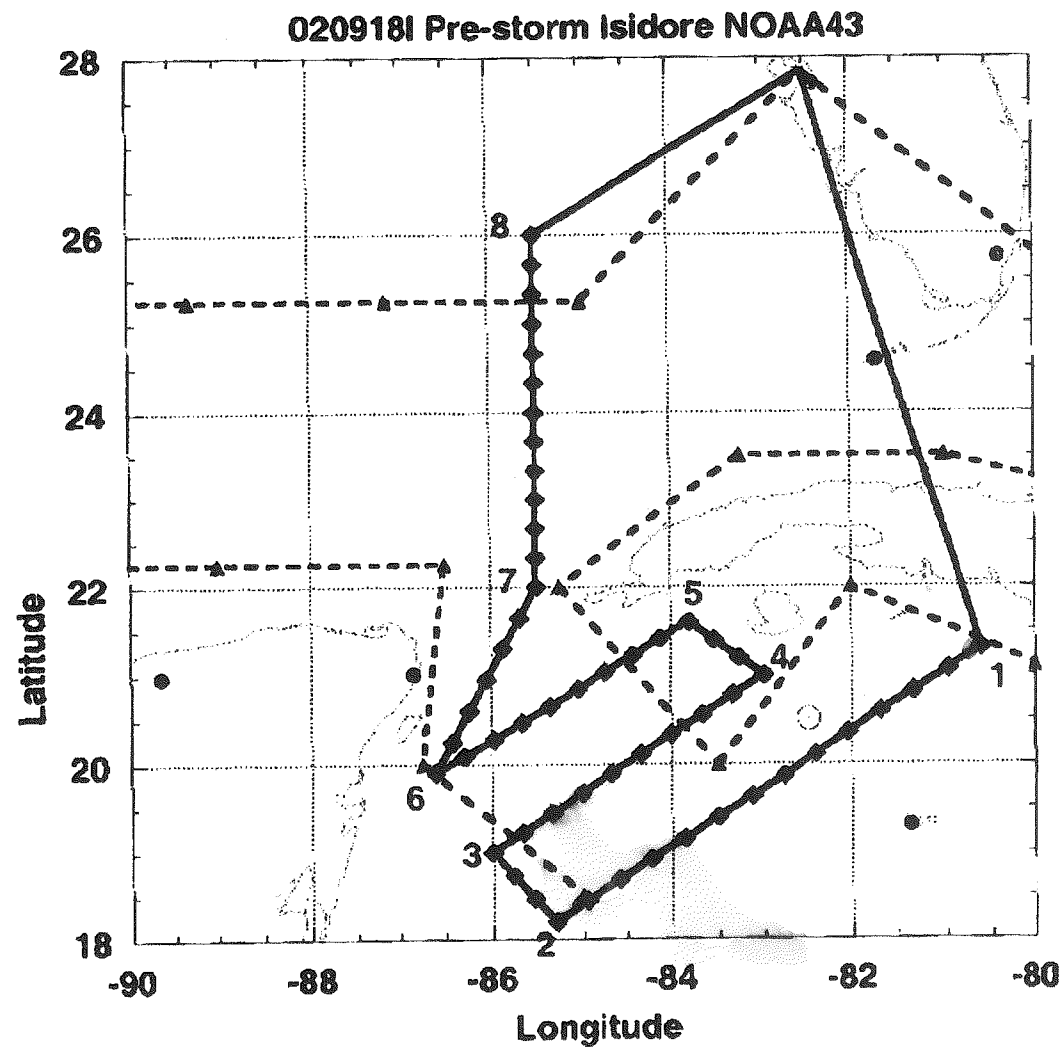


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- Isidore 19/18z
- N43 Track
- ◆ AXBT/CTD/CP
- - - N49 Track
- ▲ N49 Sonde
- Regular
- 12Z-only
- 00Z-only
- Infrequent
- Infrequent-00Z
- Infrequent-12Z



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HURRICANE RESEARCH DIVISION MISSION PLAN: ISIDORE/Pre-Storm

NOAA/Hurricane Research Division Wednesday, September 18, 2002 10:49:33 AM
Aircraft: N43RF 6,000 ft in box pattern, 18,000 ft in ferry
Proposed takeoff: 18/1600Z

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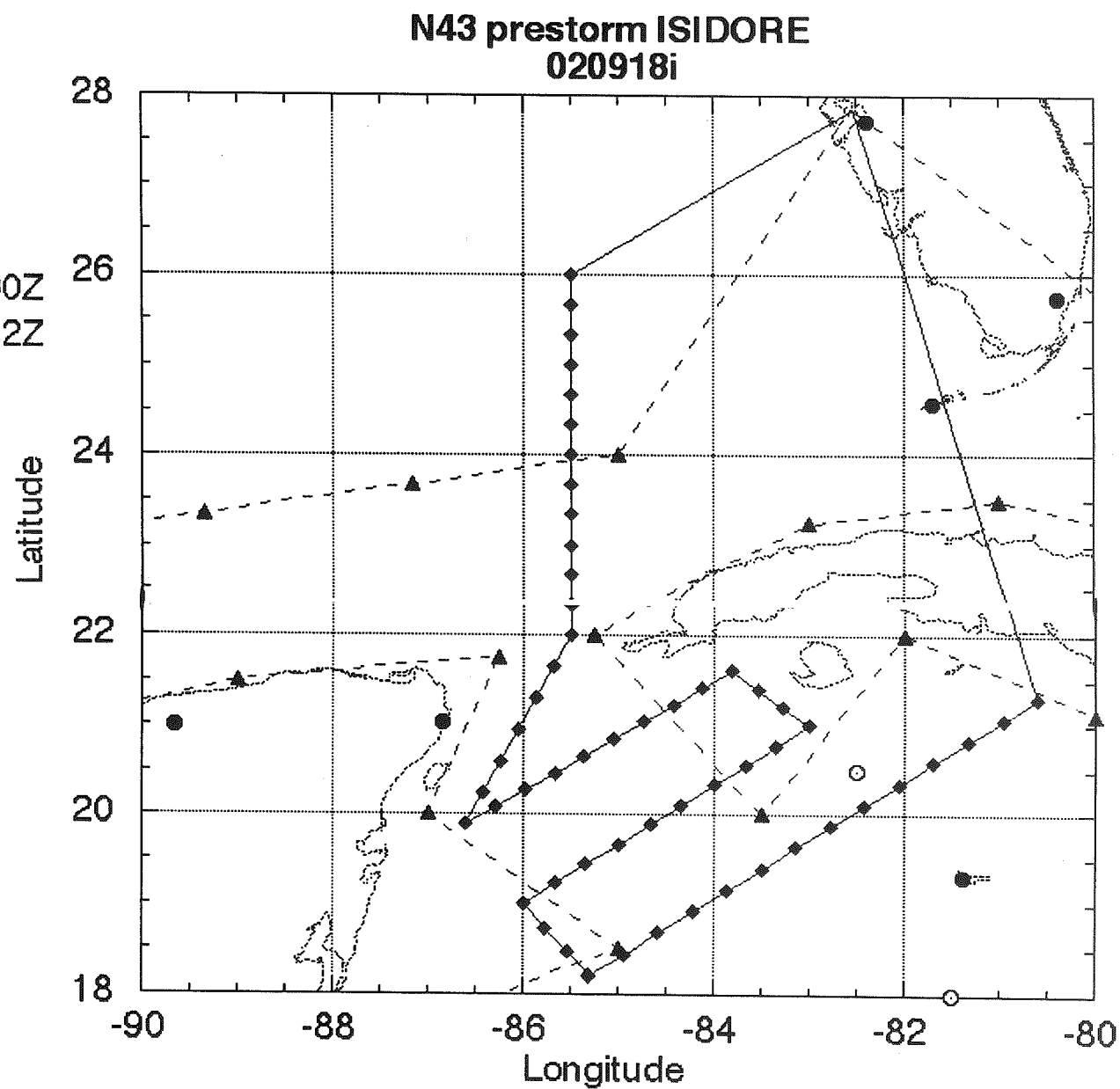
DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
✓ 1	21 17	80 35		1:42
✓ 2	21 03	80 57		1:48
✓ 3	20 49	81 19		1:54
✓ 4	20 35	81 41		2:01
✓ 5	20 20	82 02		2:07
✓ 6	20 06	82 24		2:13
✓ 7	19 52	82 46		2:20
✓ 8	19 37	83 07		2:26
✓ 9	19 23	83 29		2:32
✓ 10	19 09	83 51		2:39
✓ 11	18 54	84 12		2:45
✓ 12	18 40	84 34		2:51
✓ 13	18 26	84 56		2:58
✓ 14	18 12	85 17		3:04
✓ 15	18 28	85 31		3:09
✓ 16	18 44	85 45		3:15
✓ 17	19 00	86 00		3:20
✓ 18	19 13	85 40		3:26
✓ 19	19 26	85 19		3:32
✓ 20	19 40	85 00		3:38
✓ 21	19 53	84 40		3:44
✓ 22	20 06	84 19		3:49
✓ 23	20 19	84 00		3:55
✓ 24	20 33	83 40		4:01
✓ 25	20 46	83 19		4:07
✓ 26	21 00	83 00		4:13
✓ 27	21 12	83 15		4:18
✓ 28	21 24	83 31		4:23
✓ 29	21 35	83 47		4:28
✓ 30	21 24	84 06		4:33
✓ 31	21 13	84 25		4:38

3:50

✓32	21 01	84 44	4:44
✓33	20 50	85 02	4:49
✓34	20 39	85 21	4:54
✓35	20 28	85 39	5:00
✓36	20 16	85 58	5:05
✓37	20 05	86 17	5:10
✓38	19 54	86 35	5:16
✓39	20 15	86 24	5:21
✓40	20 35	86 14	5:27
✓41	20 57	86 02	5:33
✓42	21 17	85 51	5:39
✓43	21 39	85 41	5:45
✓44	22 00	85 30	5:51
✓45	22 19	85 30	5:56
46	22 40	85 30	6:01
47	23 00	85 30	6:06
48	23 19	85 30	6:11
49	23 40	85 30	6:16
50	24 00	85 30	6:21
51	24 19	85 30	6:26
52	24 40	85 30	6:31
53	25 00	85 30	6:36
54	25 19	85 30	6:41
55	25 40	85 30	6:46
56	26 00	85 30	6:51

- Storm 19/18Z
- N43 Track
- ◆ AXBT/CTD/CP
- - - N49 Track
- ▲ N49 drops
- Regular
- 12Z-only
- 00Z-only
- Infrequent
- Infrequent-00Z
- Infrequent-12Z



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HURRICANE RESEARCH DIVISION MISSION PLAN: ISIDORE/Pre-Storm

NOAA/Hurricane Research Division Wednesday, September 18, 2002 9:36:28 AM
Aircraft: N43RF 6,000 ft in box pattern 18,000 ft ferry
Proposed takeoff: 18/1600Z
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DROP LOCATIONS

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#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	26 00	85 30		0:50
2	25 40	85 30		0:55
3	25 19	85 30		1:00
4	25 00	85 30		1:05
5	24 40	85 30		1:10
6	24 19	85 30		1:15
7	24 00	85 30		1:20
8	23 40	85 30		1:25
9	23 19	85 30		1:30
10	23 00	85 30		1:35
11	22 40	85 30		1:40
12	22 19	85 30		1:45
13	22 00	85 30		1:50
14	21 39	85 41		1:56
15	21 17	85 51		2:02
16	20 57	86 02		2:08
17	20 35	86 14		2:14
18	20 15	86 24		2:19
19	19 54	86 35		2:25
20	20 05	86 17		2:31
21	20 16	85 58		2:36
22	20 28	85 39		2:41
23	20 39	85 21		2:47
24	20 50	85 02		2:52
25	21 01	84 44		2:57
26	21 13	84 25		3:03
27	21 24	84 06		3:08
28	21 35	83 47		3:13
29	21 24	83 31		3:18
30	21 12	83 15		3:23
31	21 00	83 00		3:28

FROM :

32	20 46	83 19	3:34
33	20 33	83 40	3:40
34	20 19	84 00	3:46
35	20 06	84 19	3:51
36	19 53	84 40	3:57
37	19 40	85 00	4:03
38	19 26	85 19	4:09
39	19 13	85 40	4:15
40	19 00	86 00	4:21
41	18 44	85 45	4:26
42	18 28	85 31	4:31
43	18 12	85 17	4:37
44	18 26	84 56	4:43
45	18 40	84 34	4:49
46	18 54	84 12	4:56
47	19 09	83 51	5:02
48	19 23	83 29	5:09
49	19 37	83 07	5:15
50	19 52	82 46	5:21
51	20 06	82 24	5:28
52	20 20	82 02	5:34
53	20 35	81 41	5:40
54	20 49	81 19	5:47
55	21 03	80 57	5:53
56	21 17	80 35	5:59

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HURRICANE RESEARCH DIVISION MISSION PLAN: ISIDORE/Pre-Storm

NOAA/Hurricane Research Division Wednesday, September 18, 2002 9:36:28 AM

Aircraft: N43RF 6,000 ft in box pattern 18,000 ft ferry

Proposed takeoff: 18/1600Z

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DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	26 00	85 30		0:50
2	25 40	85 30		0:55
3	25 19	85 30		1:00
4	25 00	85 30		1:05
5	24 40	85 30		1:10
6	24 19	85 30		1:15
7	24 00	85 30		1:20
8	23 40	85 30		1:25
9	23 19	85 30		1:30
10	23 00	85 30		1:35
11	22 40	85 30		1:40
12	22 19	85 30		1:45
13	22 00	85 30		1:50
14	21 39	85 41		1:56
15	21 17	85 51		2:02
16	20 57	86 02		2:08
17	20 35	86 14		2:14
18	20 15	86 24		2:19
19	19 54	86 35		2:25
20	20 05	86 17		2:31
21	20 16	85 58		2:36
22	20 28	85 39		2:41
23	20 39	85 21		2:47
24	20 50	85 02		2:52
25	21 01	84 44		2:57
26	21 13	84 25		3:03
27	21 24	84 06		3:08
28	21 35	83 47		3:13
29	21 24	83 31		3:18
30	21 12	83 15		3:23
31	21 00	83 00		3:28

32	20 46	83 19	3:34
33	20 33	83 40	3:40
34	20 19	84 00	3:46
35	20 06	84 19	3:51
36	19 53	84 40	3:57
37	19 40	85 00	4:03
38	19 26	85 19	4:09
39	19 13	85 40	4:15
40	19 00	86 00	4:21
41	18 44	85 45	4:26
42	18 28	85 31	4:31
43	18 12	85 17	4:37
44	18 26	84 56	4:43
45	18 40	84 34	4:49
46	18 54	84 12	4:56
47	19 09	83 51	5:02
48	19 23	83 29	5:09
49	19 37	83 07	5:15
50	19 52	82 46	5:21
51	20 06	82 24	5:28
52	20 20	82 02	5:34
53	20 35	81 41	5:40
54	20 49	81 19	5:47
55	21 03	80 57	5:53
56	21 17	80 35	5:59
