

GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

Date: 03 SEP 1990

GULF STREAM SYSTEM FLOW CHART NO. 2450

Depicted land should not
be used for navigation.

Position lines are for the
edges of warmer water.

—— Position
based on data
0 to 2 days old.

----- Position
based on data
3 to 7 days old.

----- Position
based on data
3 or more days old.

..... Mean
position for month.

For additional information
call (305)665-4707

NEXT UPDATE

05 SEP 90

VK very cold
K cold
M mixed
W warm

NORTHWARD SPEED (Kts)

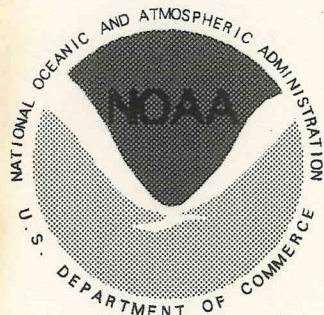
AVERAGE = 2.6 Kts

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

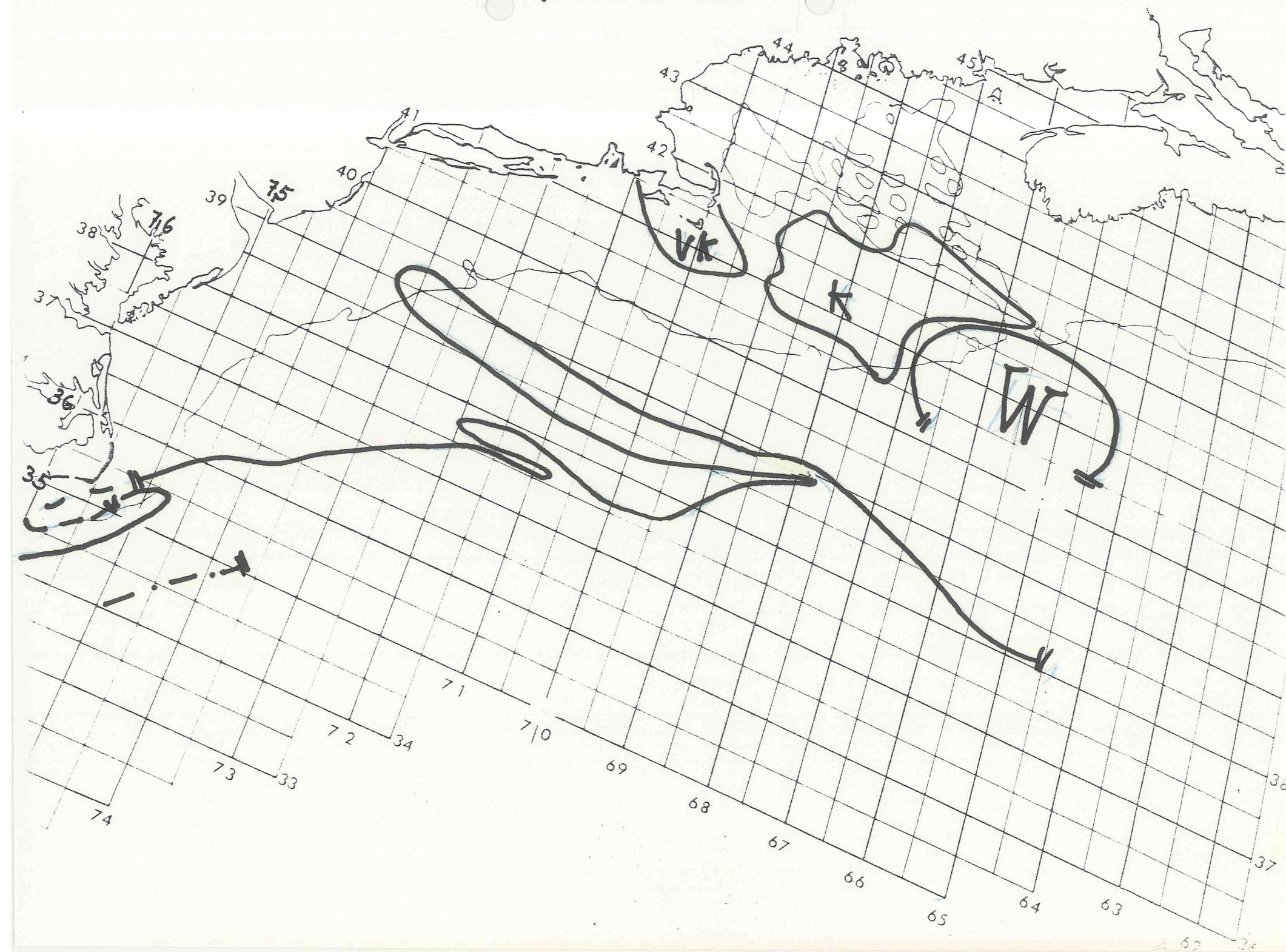
DISTANCE OFFSHORE (n.mi.)

GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 03 SEP 1990 PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: **05 SEP** 199**0**

Depicted land should not
be used for navigation.

Position lines are for the
edges of warmer water.

- Position
based on data
0 to 2 days old.
- Position
based on data
3 to 7 days old.
- Position
based on data
8 or more days old.
- Mean
position for month.

For additional information
call (305)665-4707

NEXT UPDATE

07 SEP 90

VK very cold
K cold
M mixed
W warm

NORTHWARD SPEED (kts)

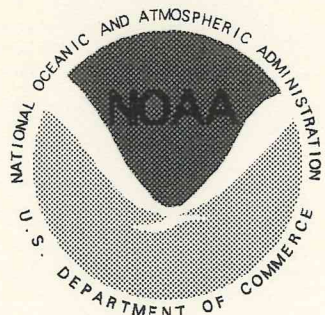
AVERAGE = 2.6 KTS.

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

DISTANCE OFFSHORE (n.mi.)

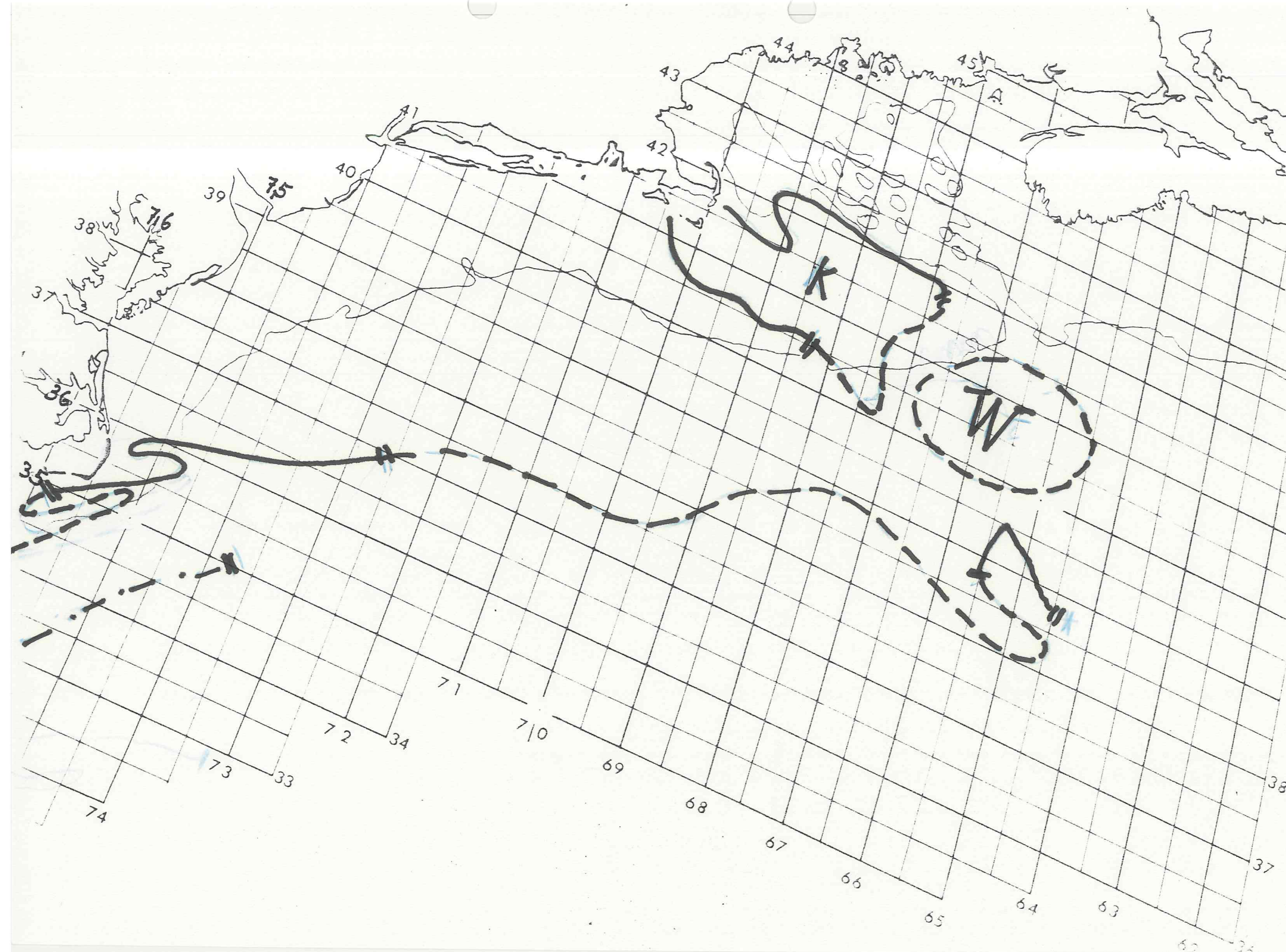
GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 05 SEP 1990

PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 07 Sept. 1990

Depicted land should not
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Position lines are for the
edges of warmer water.

- Position
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- Position
based on data
3 to 7 days old.
- Position
based on data
3 or more days old.
- Mean
position for month.

For additional information
call (305)665-4707

NEXT UPDATE

10 Sept. 90

VK very cold
K cold
M mixed
W warm

NORTHWARD SPEED (kts)

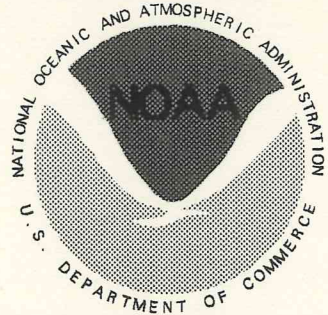
AVERAGE = 2.6 Kts

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

DISTANCE OFFSHORE (n.mi.)

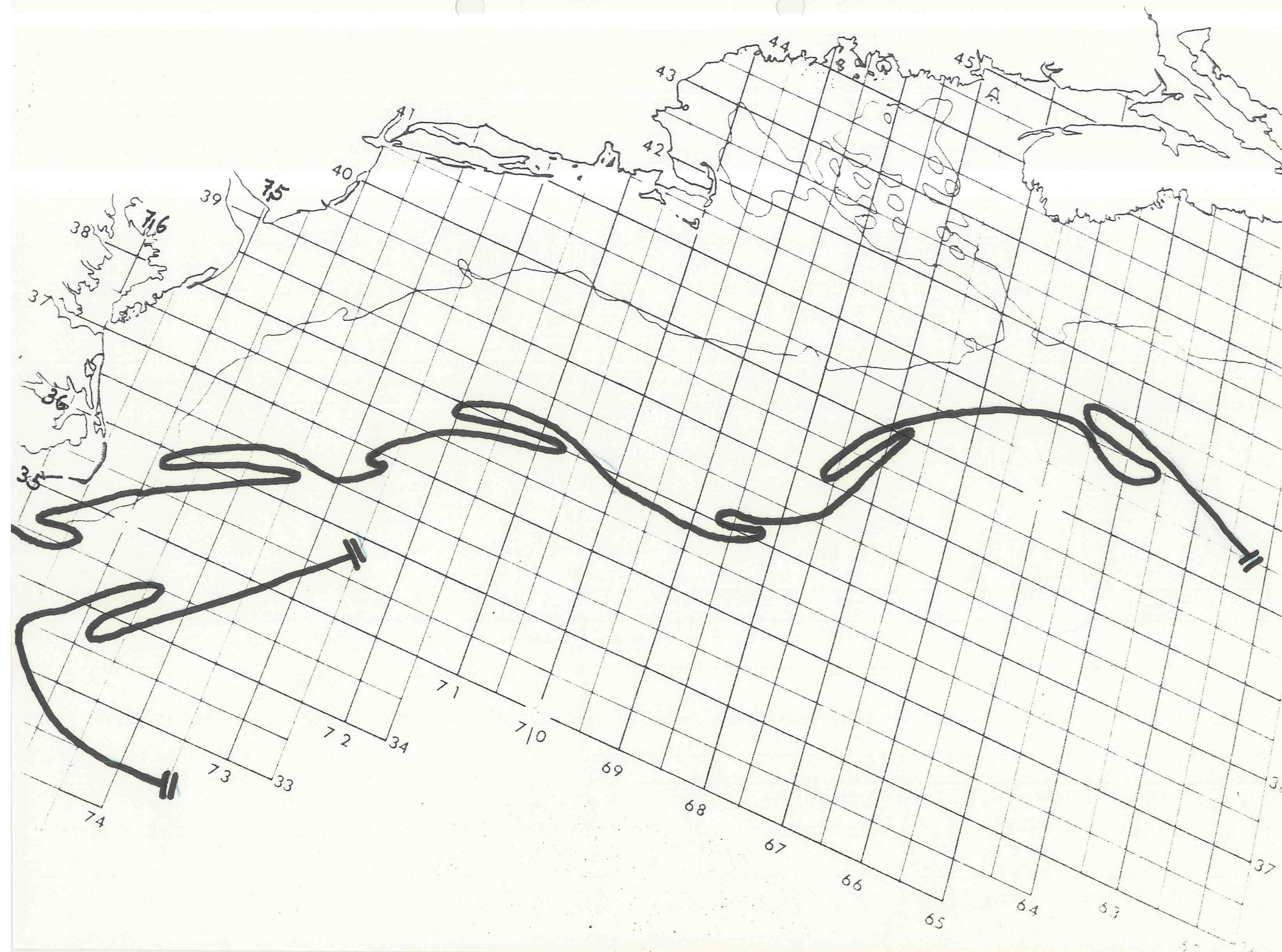
GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 07 Sept. 1990

PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 10 SEP 1990

Depicted land should not
be used for navigation.
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- Position
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0 to 2 days old.
- Position
based on data
3 to 7 days old.
- Position
based on data
3 or more days old.
- Mean
position for month.

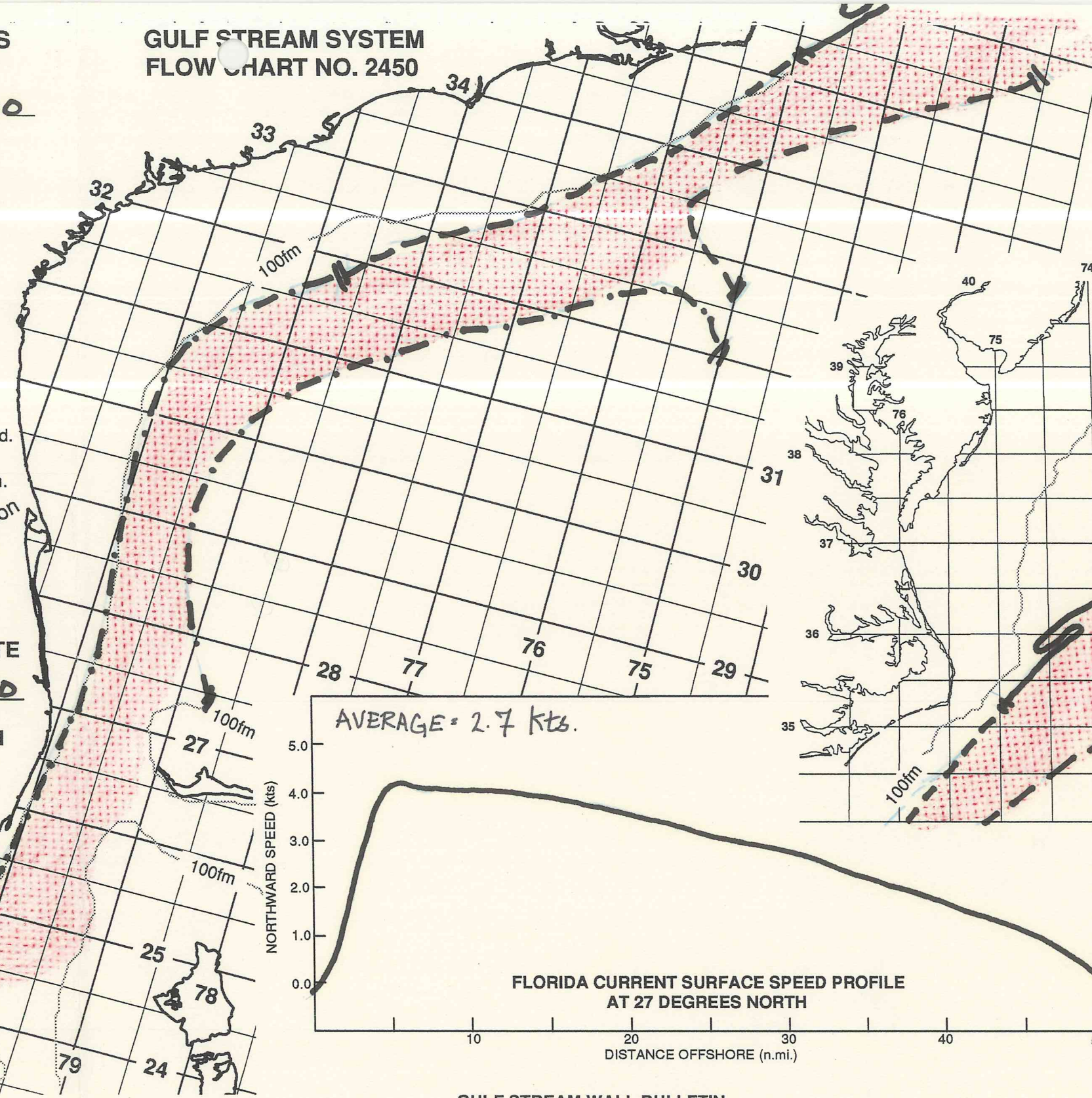
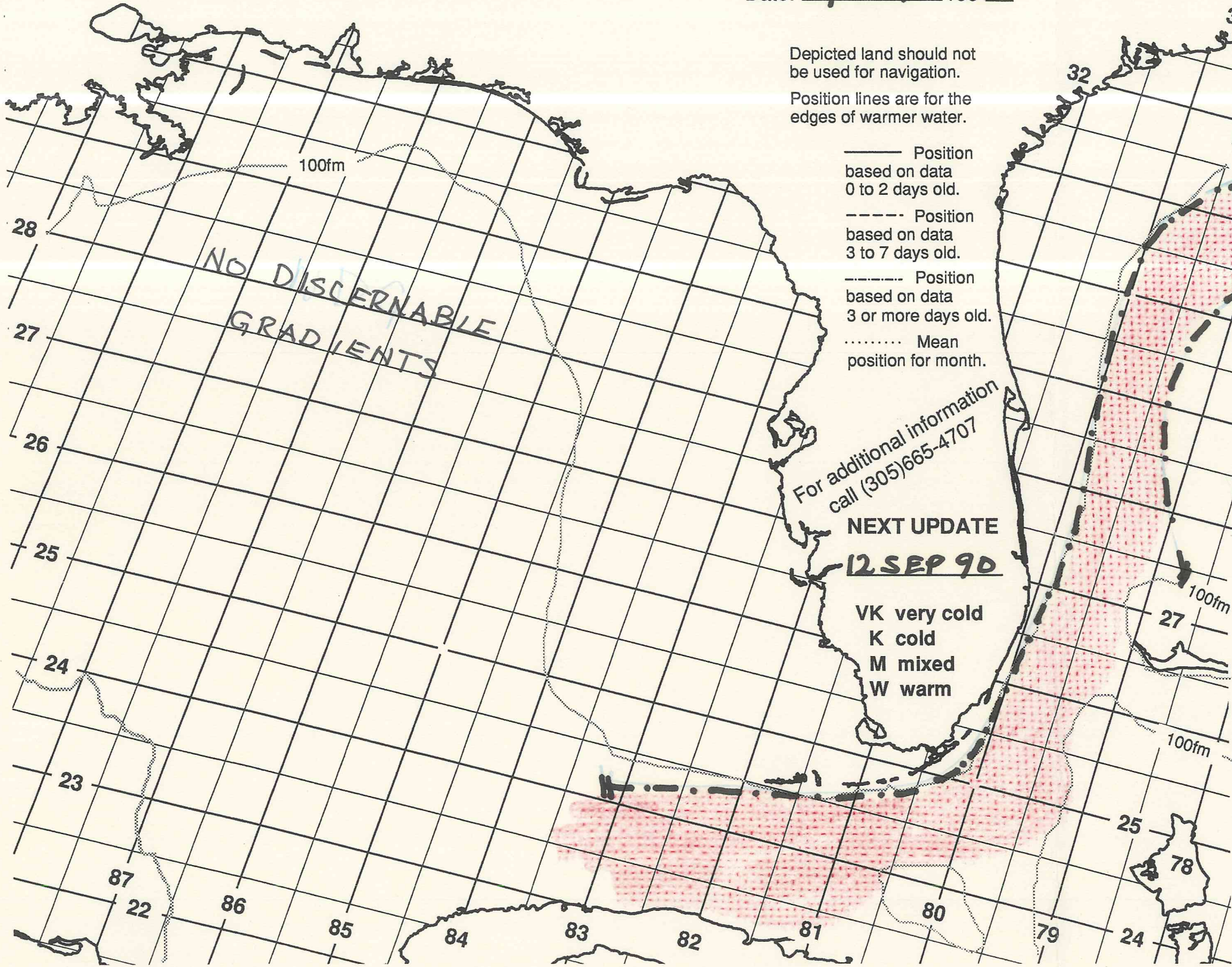
For additional information
call (305)665-4707

NEXT UPDATE

12 SEP 90

VK very cold
K cold
M mixed
W warm

NO DISCERNABLE
GRADIENTS



AVERAGE = 2.7 Kts.

NORTHWARD SPEED (kts)

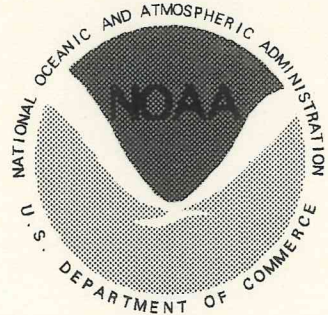
5.0
4.0
3.0
2.0
1.0
0.0

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

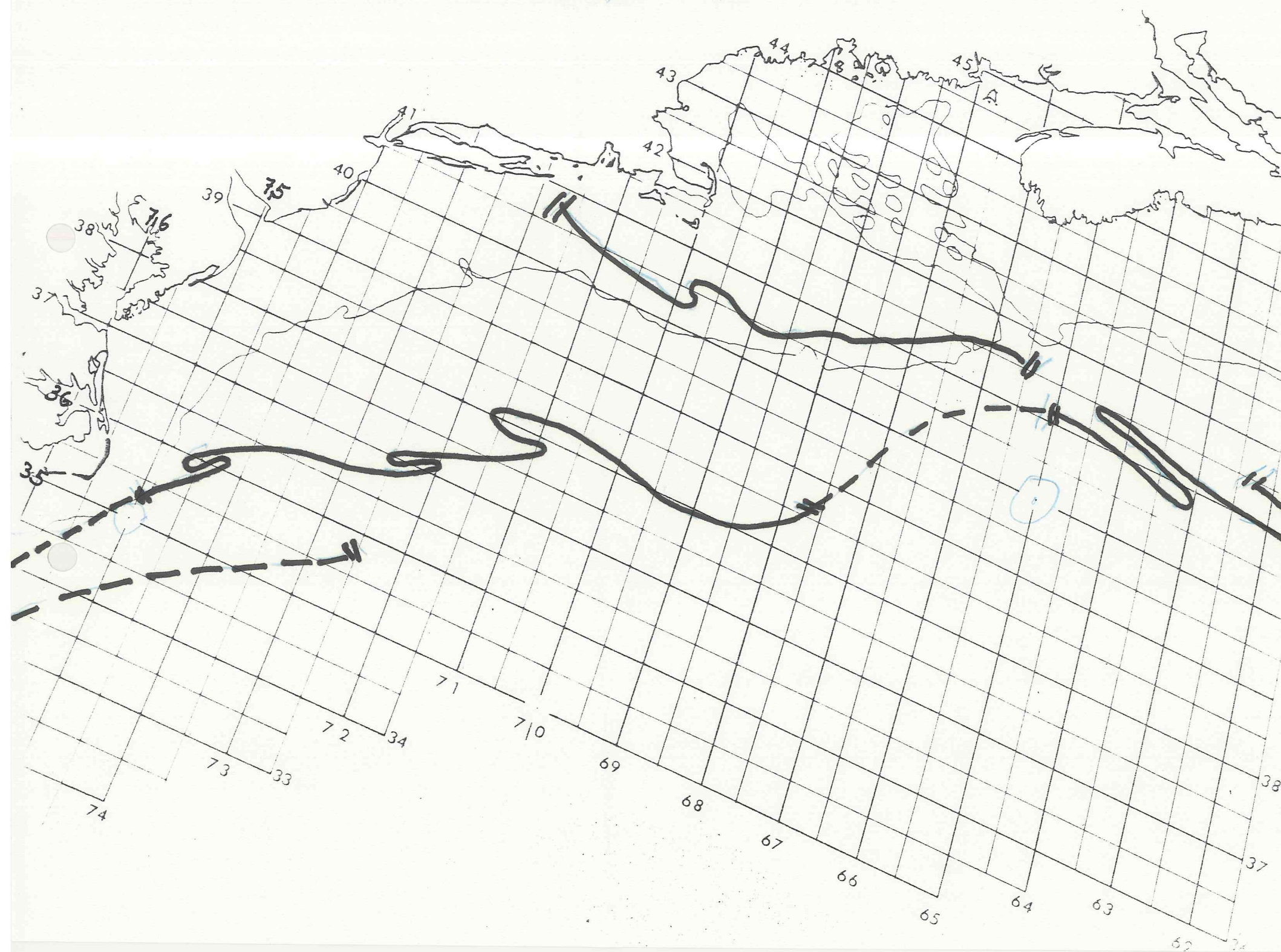
10 20 30 40
DISTANCE OFFSHORE (n.mi.)

GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 10 SEP 1990 PART B



**GULF STREAM SYSTEM
FLOW CHART NO. 2450**

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

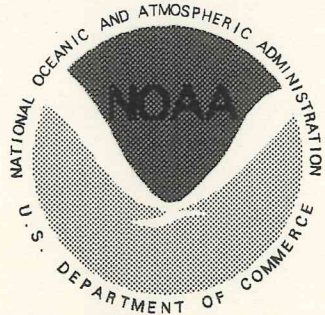
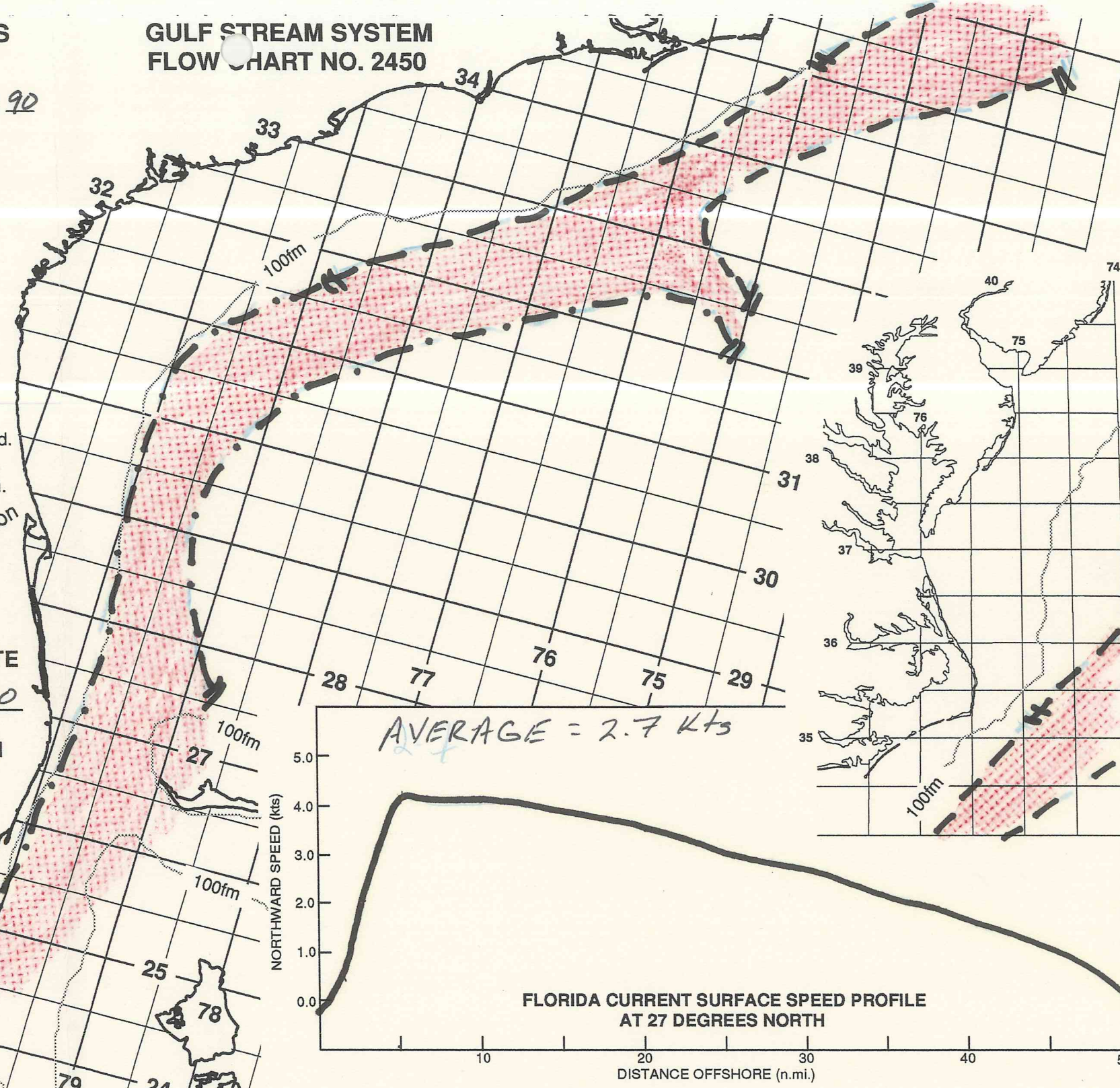
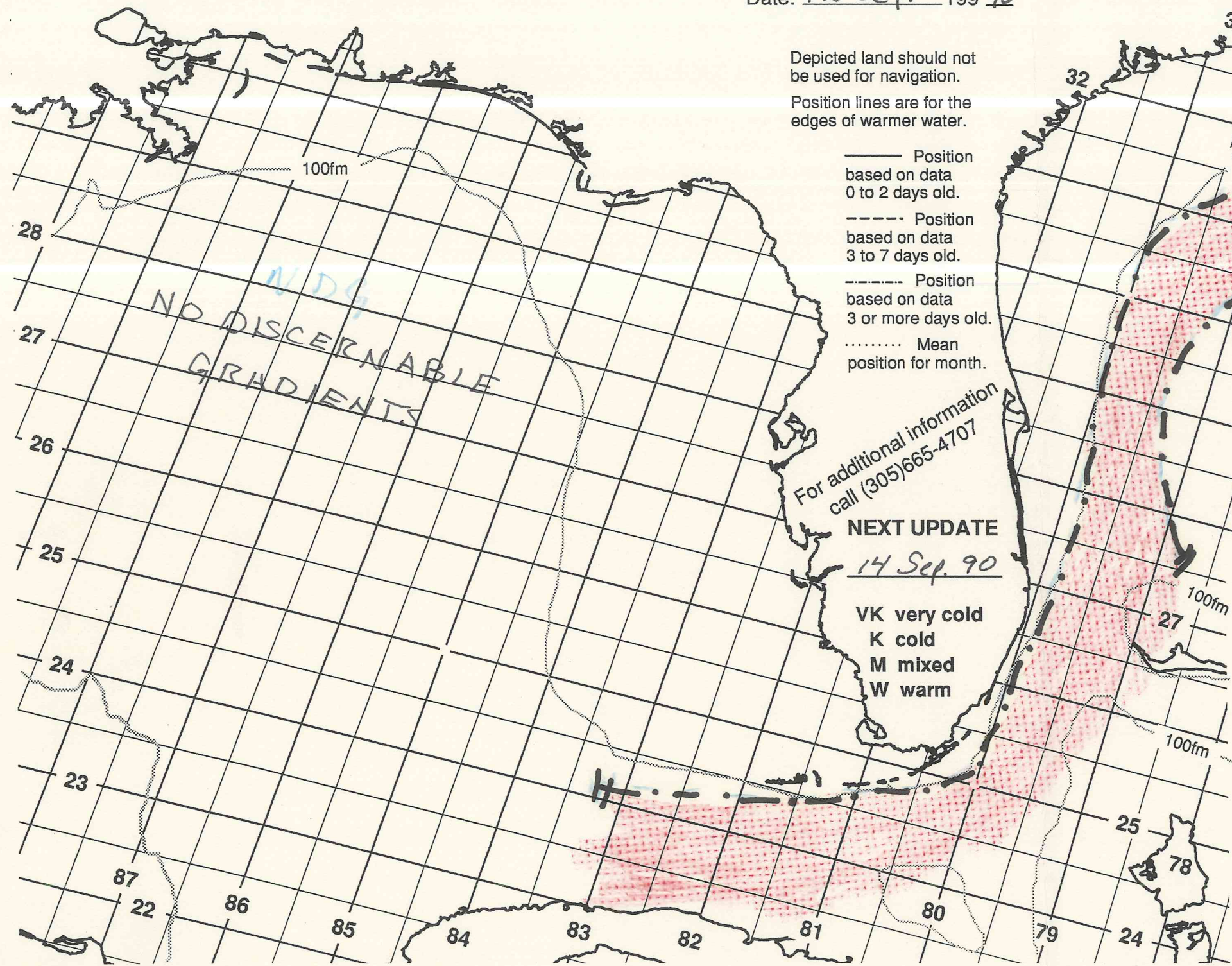
_____ Position
 based on data
 0 to 2 days old.
 ----- Position
 based on data
 3 to 7 days old.
 ----- Position
 based on data
 3 or more days old.
 Mean
 position for month.

For additional information
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NEXT UPDATE

14 Sep. 90

VK very cold
K cold
M mixed
W warm



GULF STREAM WALL BULLETIN

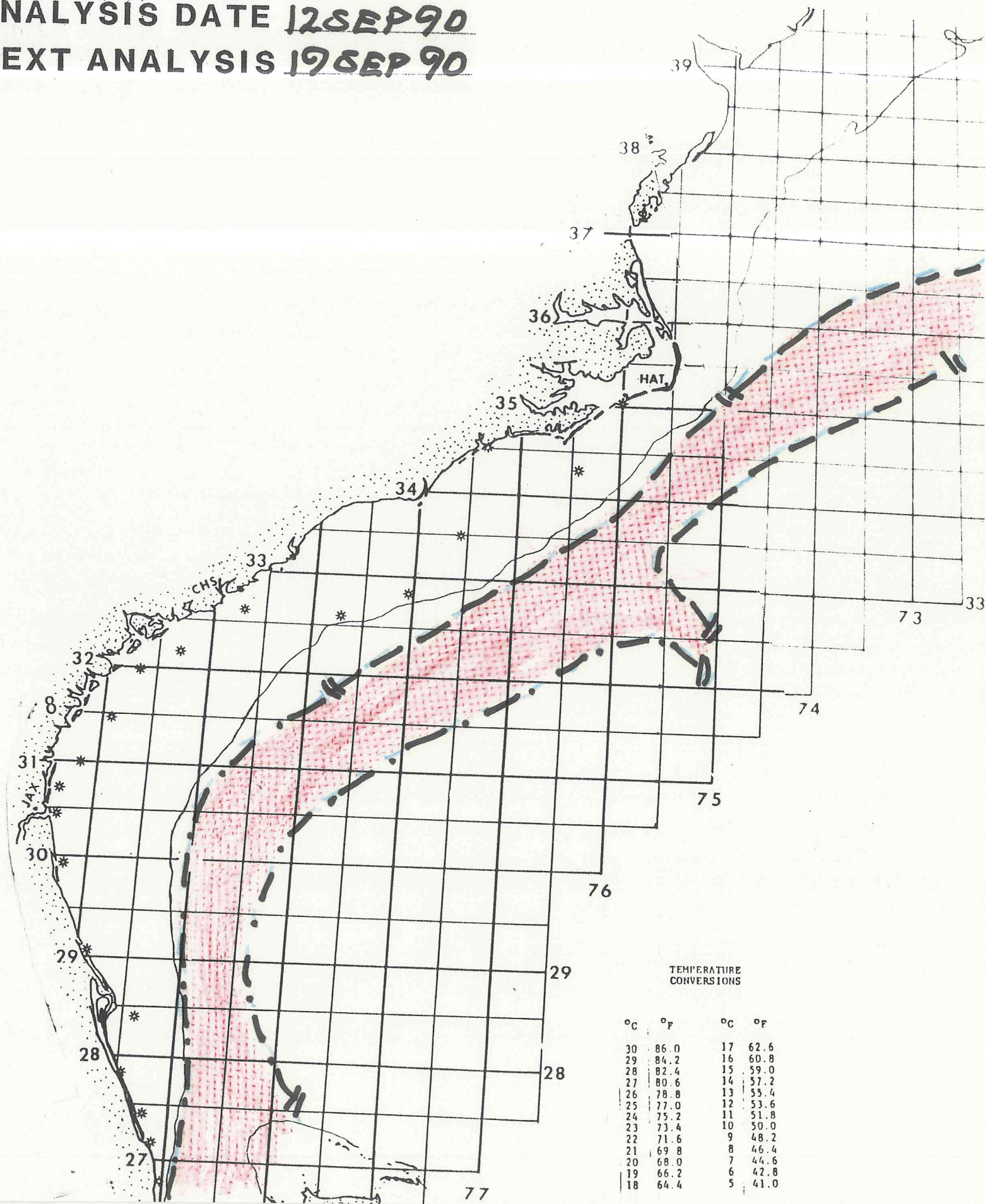
LOOP CURRENT BULLETIN

NOAA MIAMI SFSS GULFSTREAM ANALYSIS

COURTESY OF NORTH CAROLINA SEA GRANT

ANALYSIS DATE 12SEP90

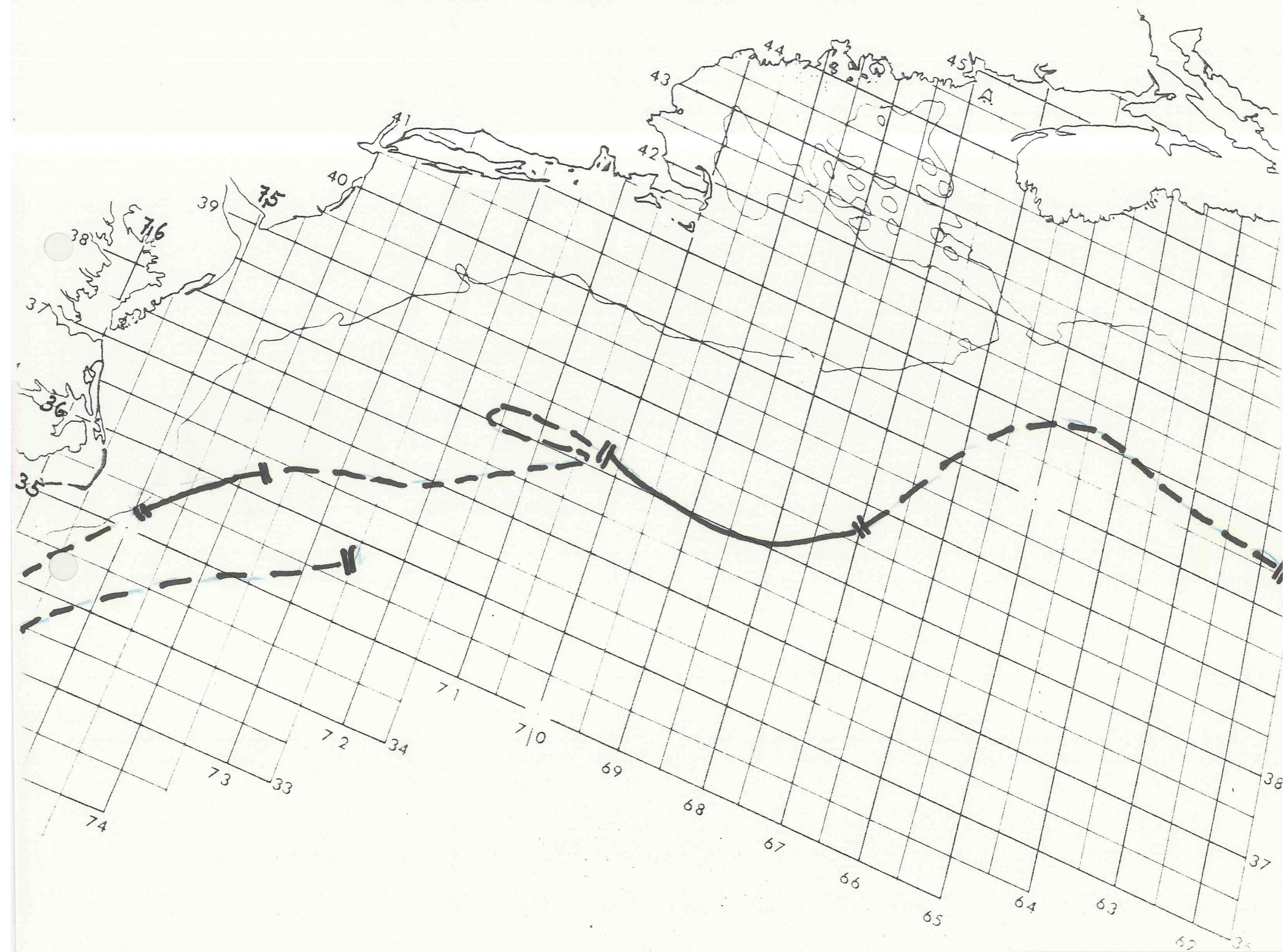
NEXT ANALYSIS 19SEP90



TEMPERATURE CONVERSIONS

°C	°F	°C	°F
30	86.0	17	62.6
29	84.2	16	60.8
28	82.4	15	59.0
27	80.6	14	57.2
26	78.8	13	55.4
25	77.0	12	53.6
24	75.2	11	51.8
23	73.4	10	50.0
22	71.6	9	48.2
21	69.8	8	46.4
20	68.0	7	44.6
19	66.2	6	42.8
18	64.4	5	41.0

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 12 Sep 1990 PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 14 Sep. 1990

Depicted land should not
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Position lines are for the
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- Position
based on data
0 to 2 days old.
- Position
based on data
3 to 7 days old.
- Position
based on data
3 or more days old.
- Mean
position for month.

**NO DISCERNABLE
GRADIENTS**

For additional information
call (305)665-4707

NEXT UPDATE

17 Sep. 90

VK very cold
K cold
M mixed
W warm

NORTHWARD SPEED (kts)

Average = 2.6 Kts

**FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH**

DISTANCE OFFSHORE (n.mi.)

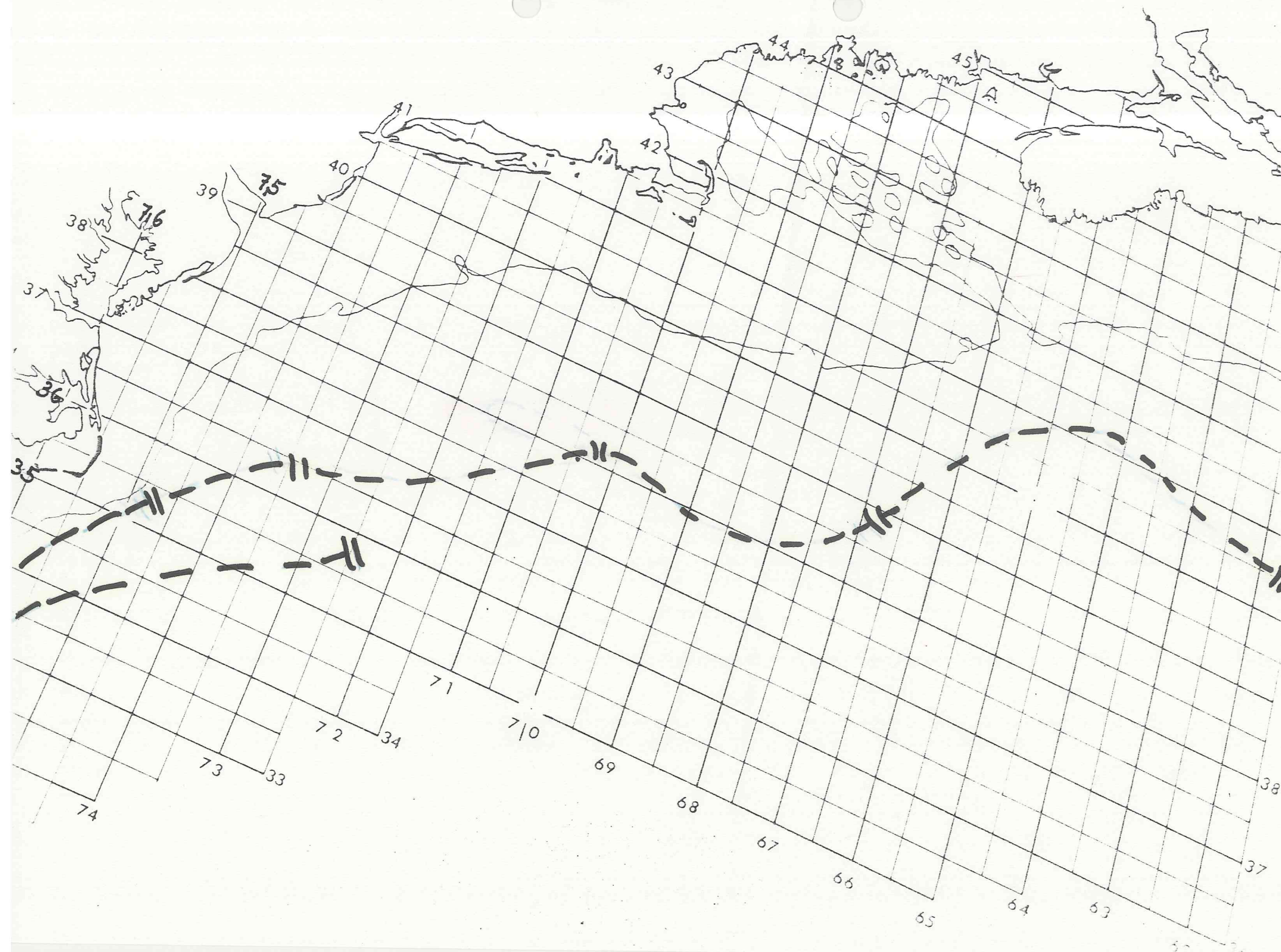
GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 14 Sep. 1990

PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

Date: **17 SEP** 1990

GULF STREAM SYSTEM FLOW CHART NO. 2450

Depicted land should not
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- Position
based on data
0 to 2 days old.
- Position
based on data
3 to 7 days old.
- Position
based on data
3 or more days old.
- Mean
position for month.

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NEXT UPDATE

19 SEP 90

VK very cold
K cold
M mixed
W warm

**NO DISCERNABLE
GRADIENTS**

NORTHWARD SPEED (kts)

AVERAGE = 2.6 KTS.

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

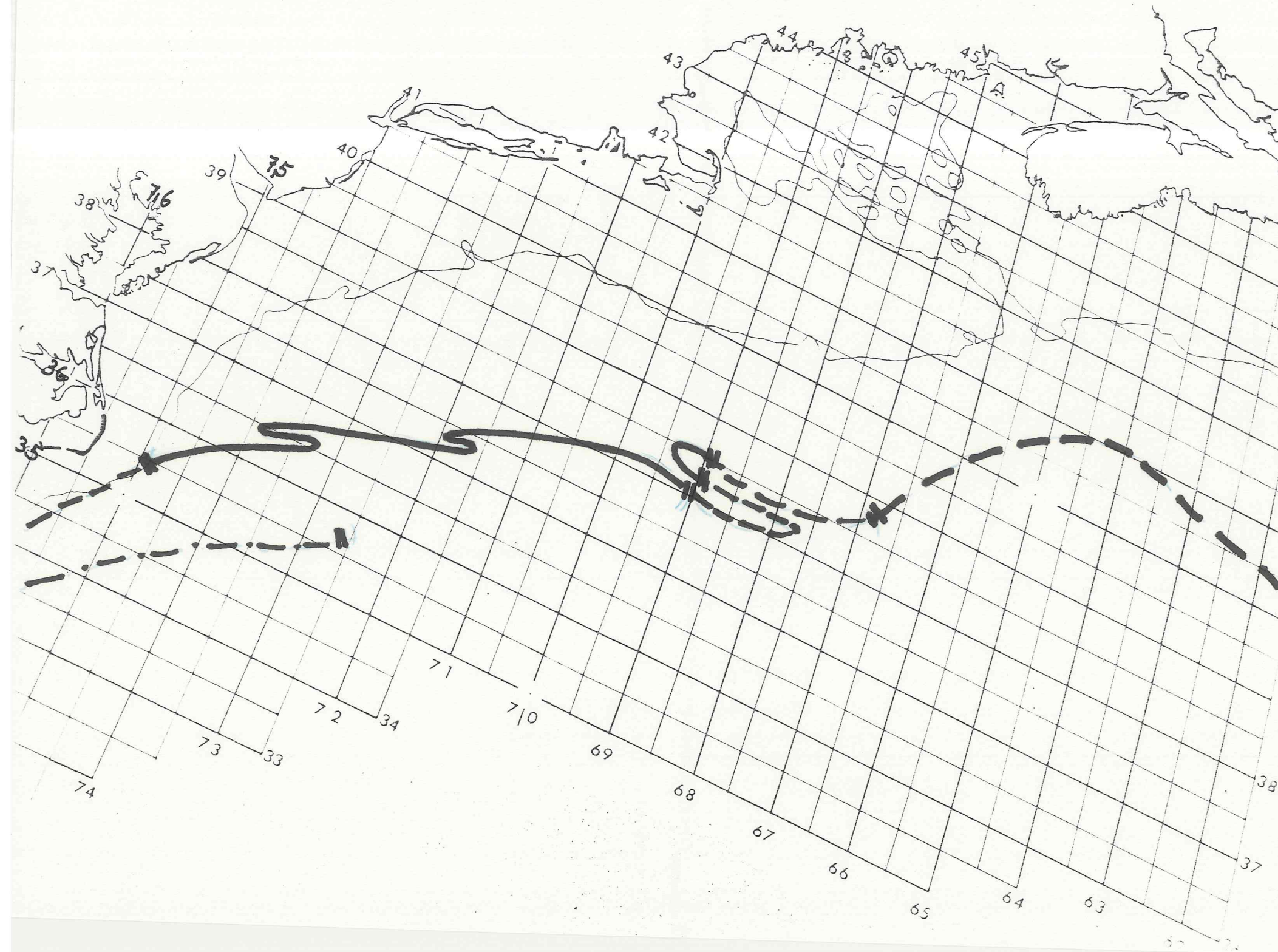
DISTANCE OFFSHORE (n.mi.)

GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: **17 SEP** 19**90** PART B



**GULF STREAM SYSTEM
FLOW CHART NO. 2450**

Depicted land should not be used for navigation.

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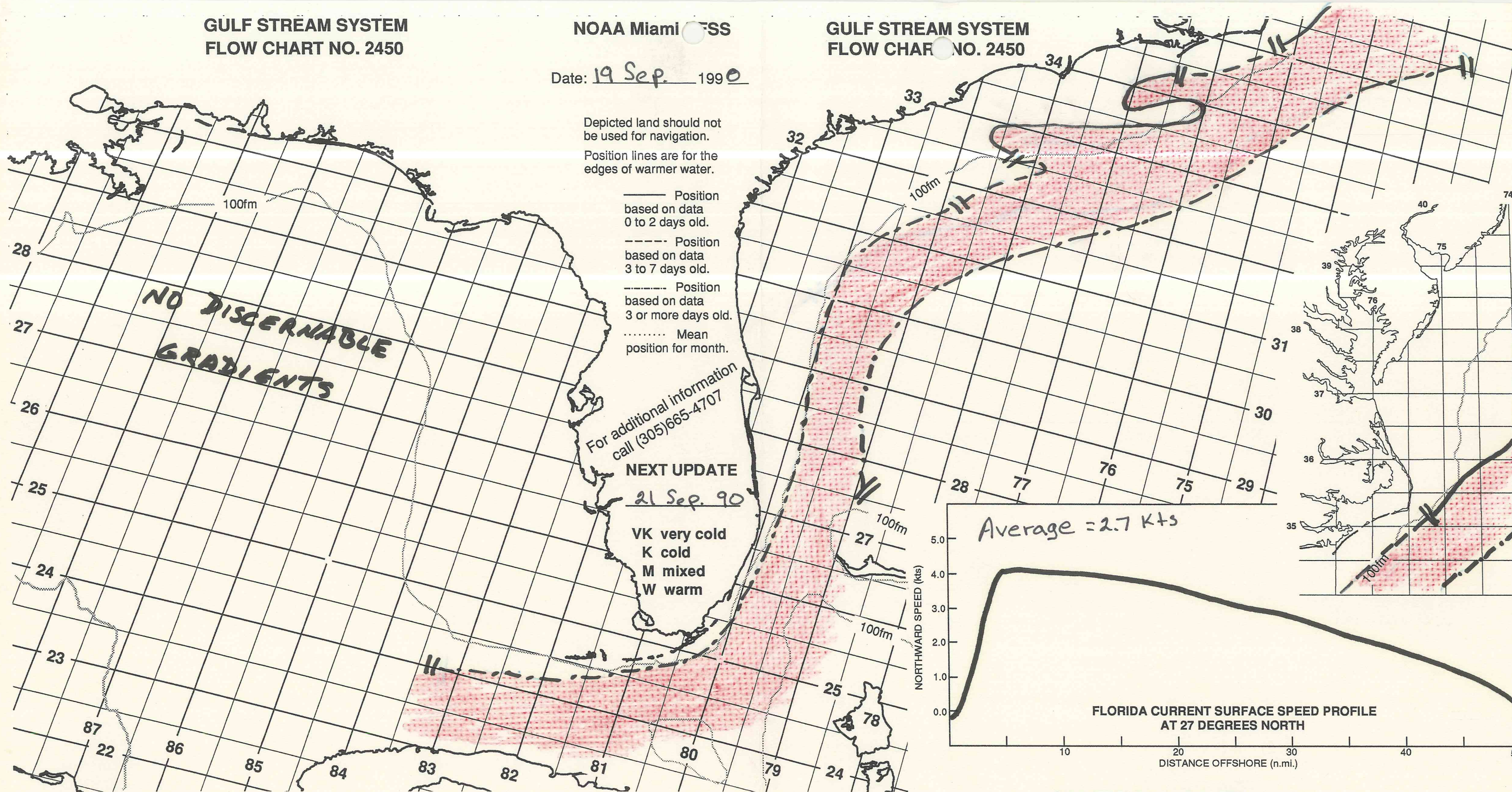
_____ Position
 based on data
 0 to 2 days old.
 ----- Position
 based on data
 3 to 7 days old.
 ----- Position
 based on data
 3 or more days old.
 Mean
 position for month.

For additional information
call (305)665-4707

NEXT UPDATE

21 Sep. 90

VK very cold
K cold
M mixed
W warm



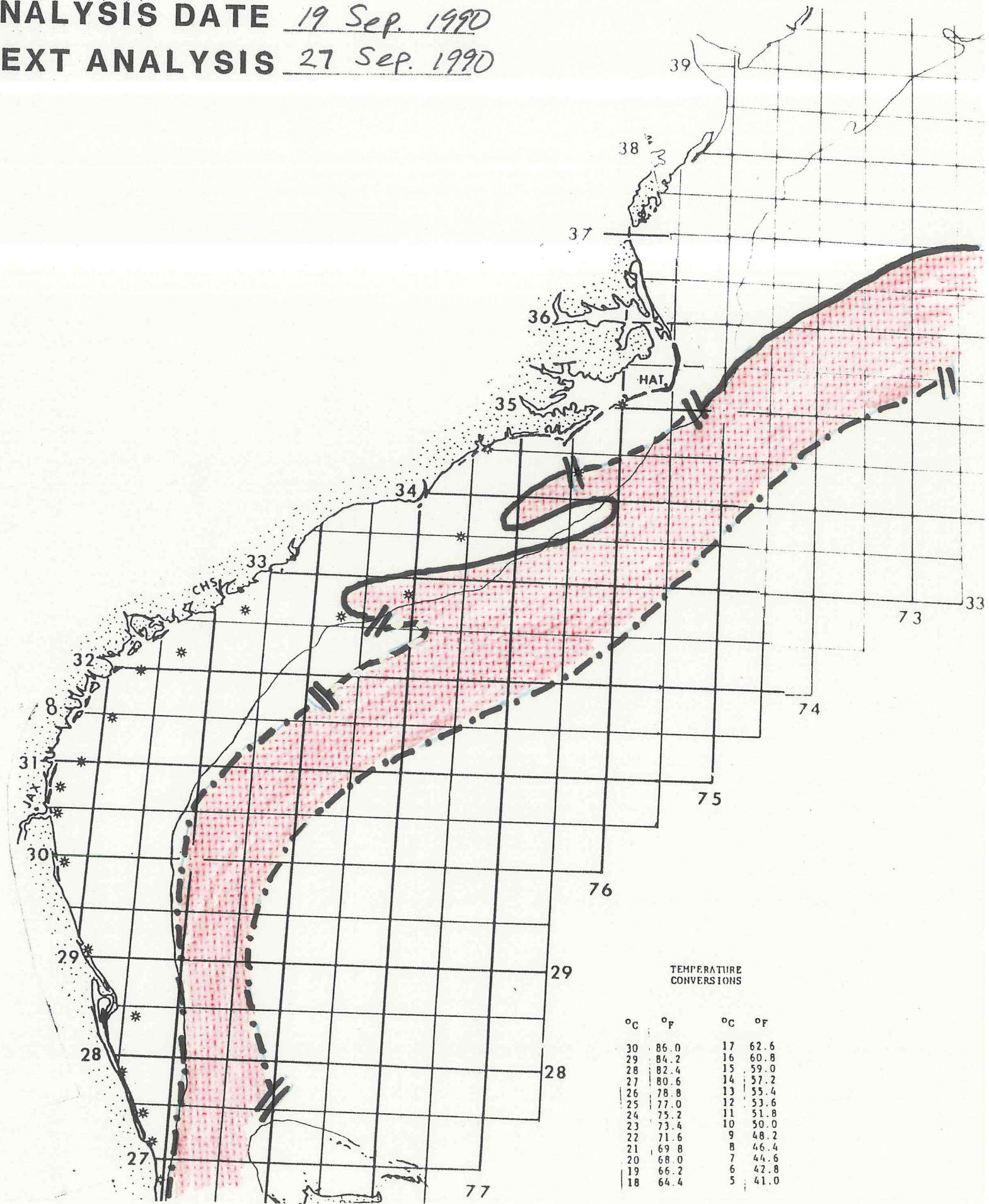
GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



NOAA MIAMI SFSS GULFSTREAM ANALYSIS
COURTESY OF NORTH CAROLINA SEA GRANT

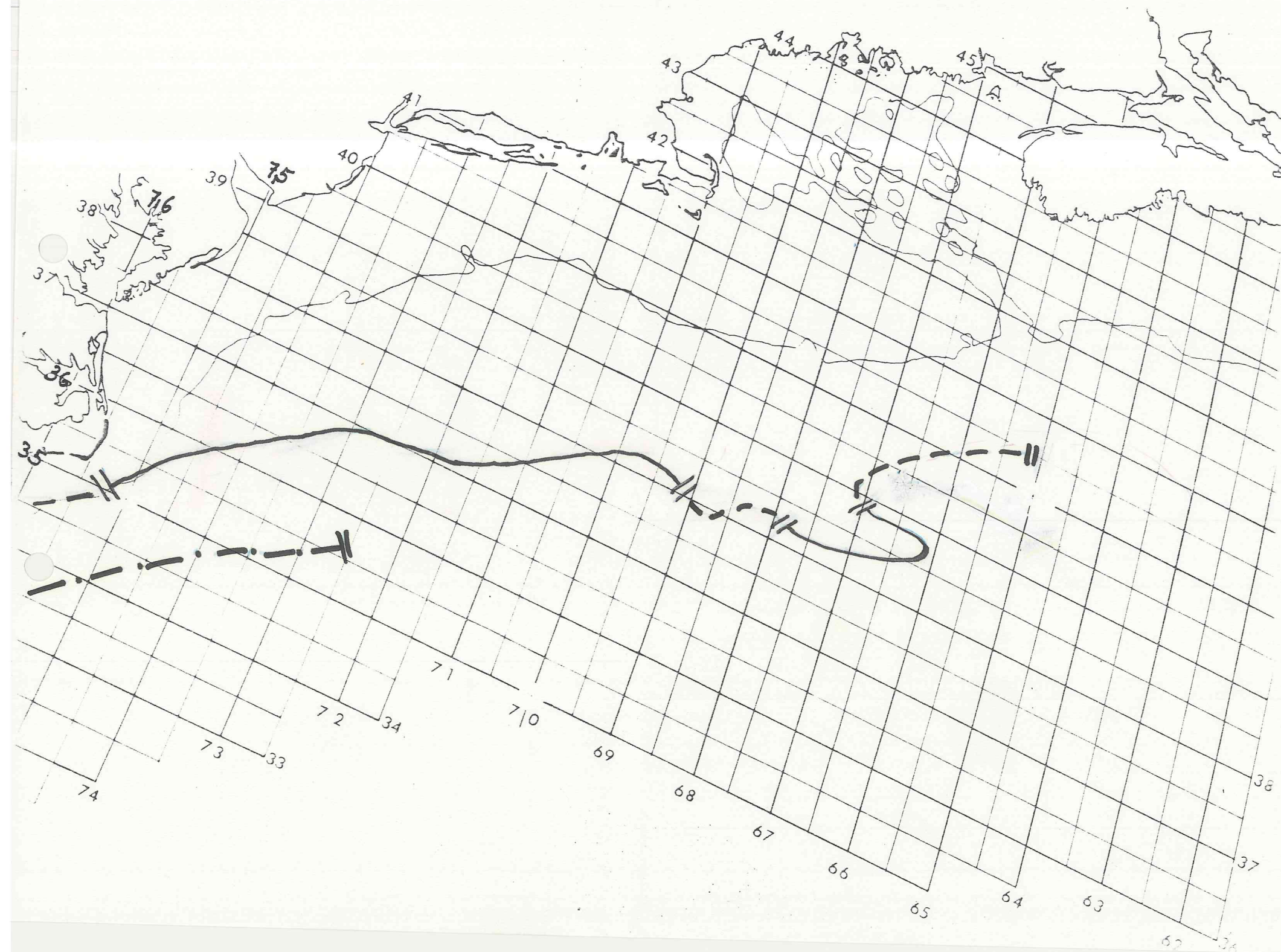
ANALYSIS DATE 19 Sep. 1990
NEXT ANALYSIS 27 Sep. 1990



TEMPERATURE CONVERSIONS

°C	°F	°C	°F
30	86.0	17	62.6
29	84.2	16	60.8
28	82.4	15	59.0
27	80.6	14	57.2
26	78.8	13	55.4
25	77.0	12	53.6
24	75.2	11	51.8
23	73.4	10	50.0
22	71.6	9	48.2
21	69.8	8	46.4
20	68.0	7	44.6
19	66.2	6	42.8
18	64.4	5	41.0

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 19 Sep. 1990 PART B



**GULF STREAM SYSTEM
FLOW CHART NO. 2450**

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

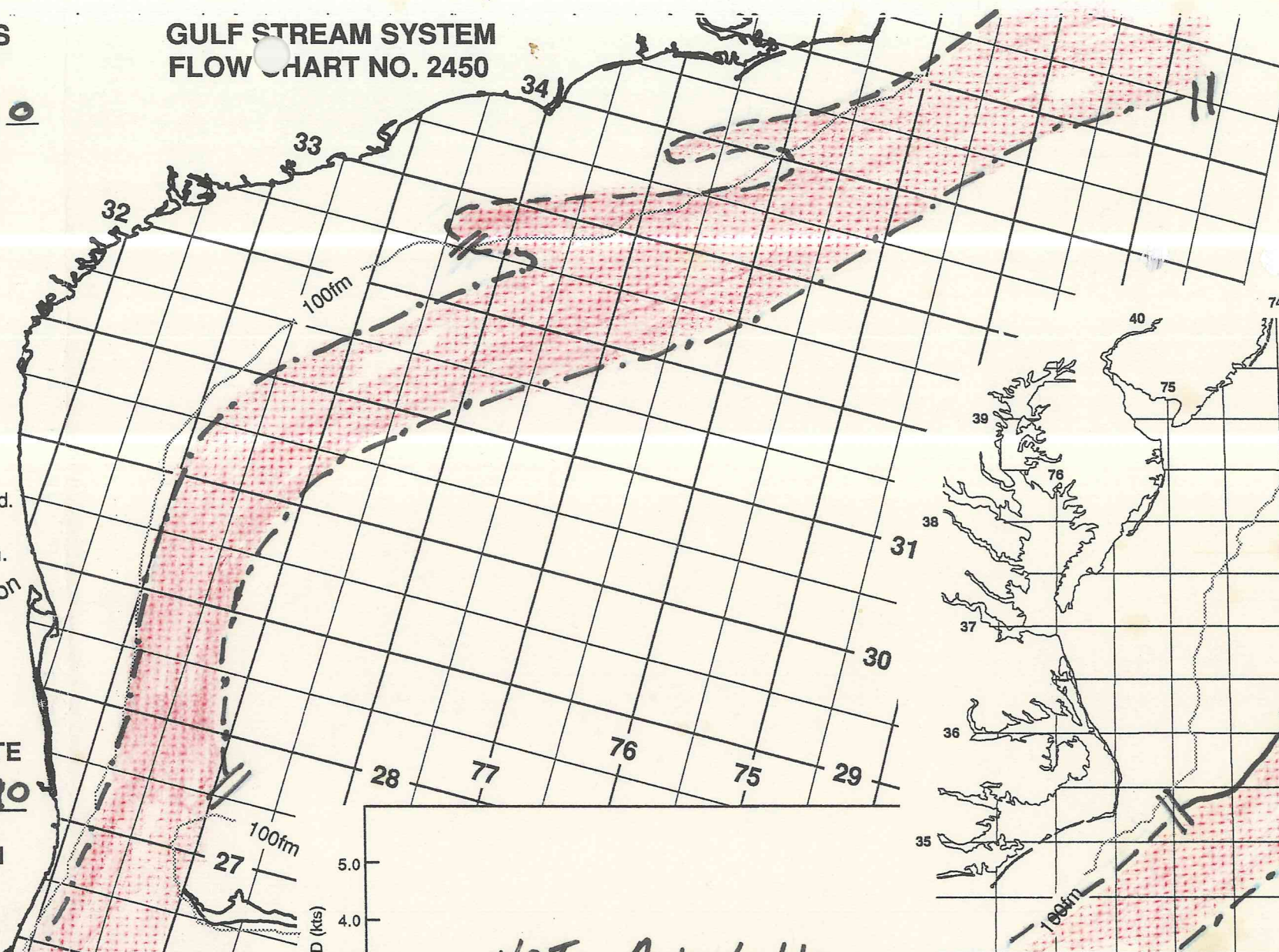
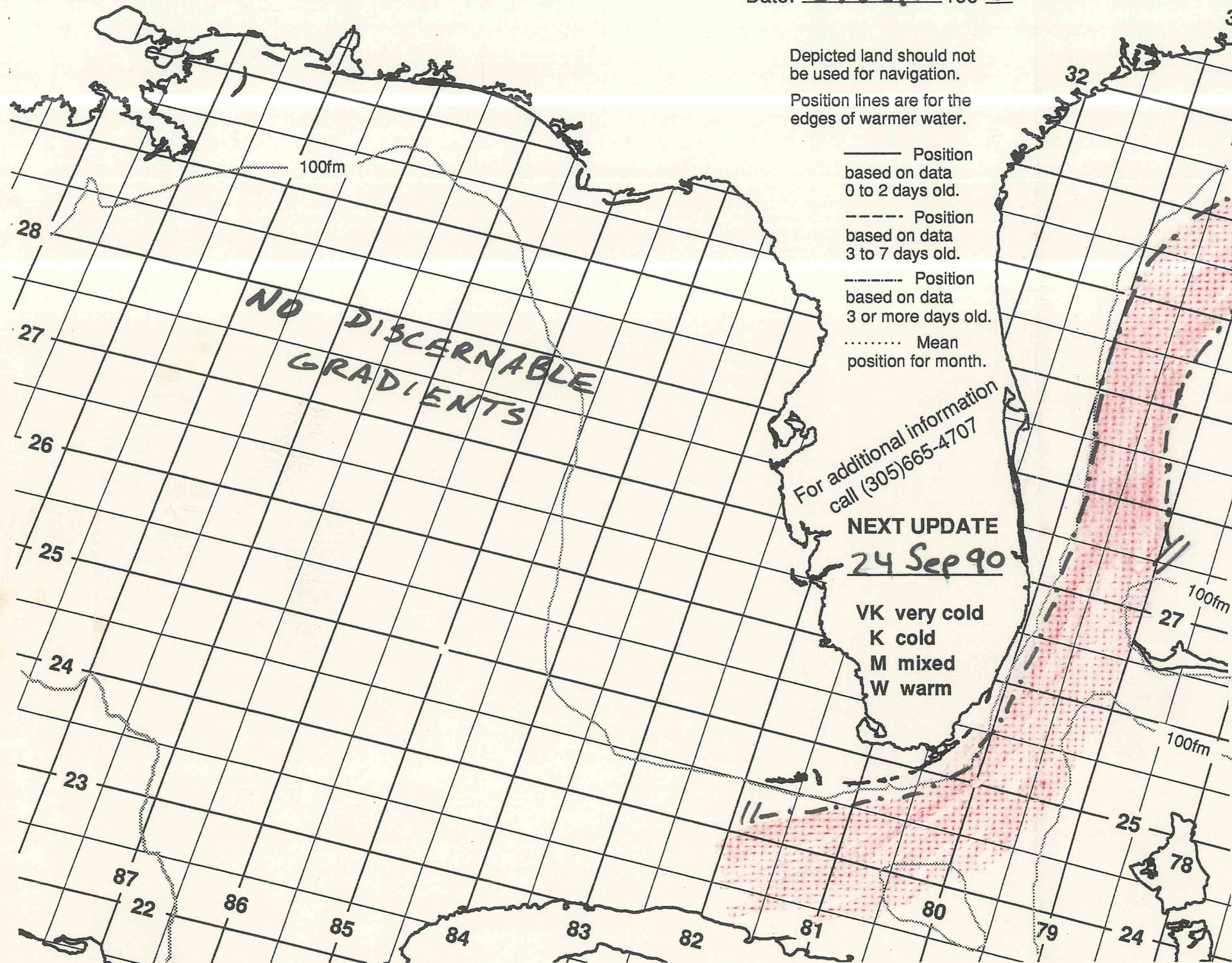
_____ Position
 based on data
 0 to 2 days old.
 ----- Position
 based on data
 3 to 7 days old.
 ----- Position
 based on data
 3 or more days old.
 Mean
 position for month.

For additional information
call (305)665-4707

NEXT UPDATE

- 24 Sep 90

VK very cold
K cold
M mixed
W warm

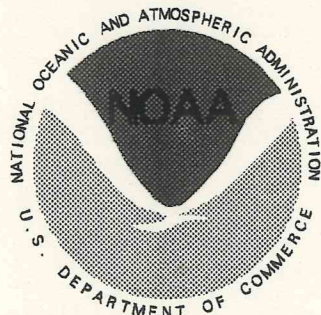


NOT Available

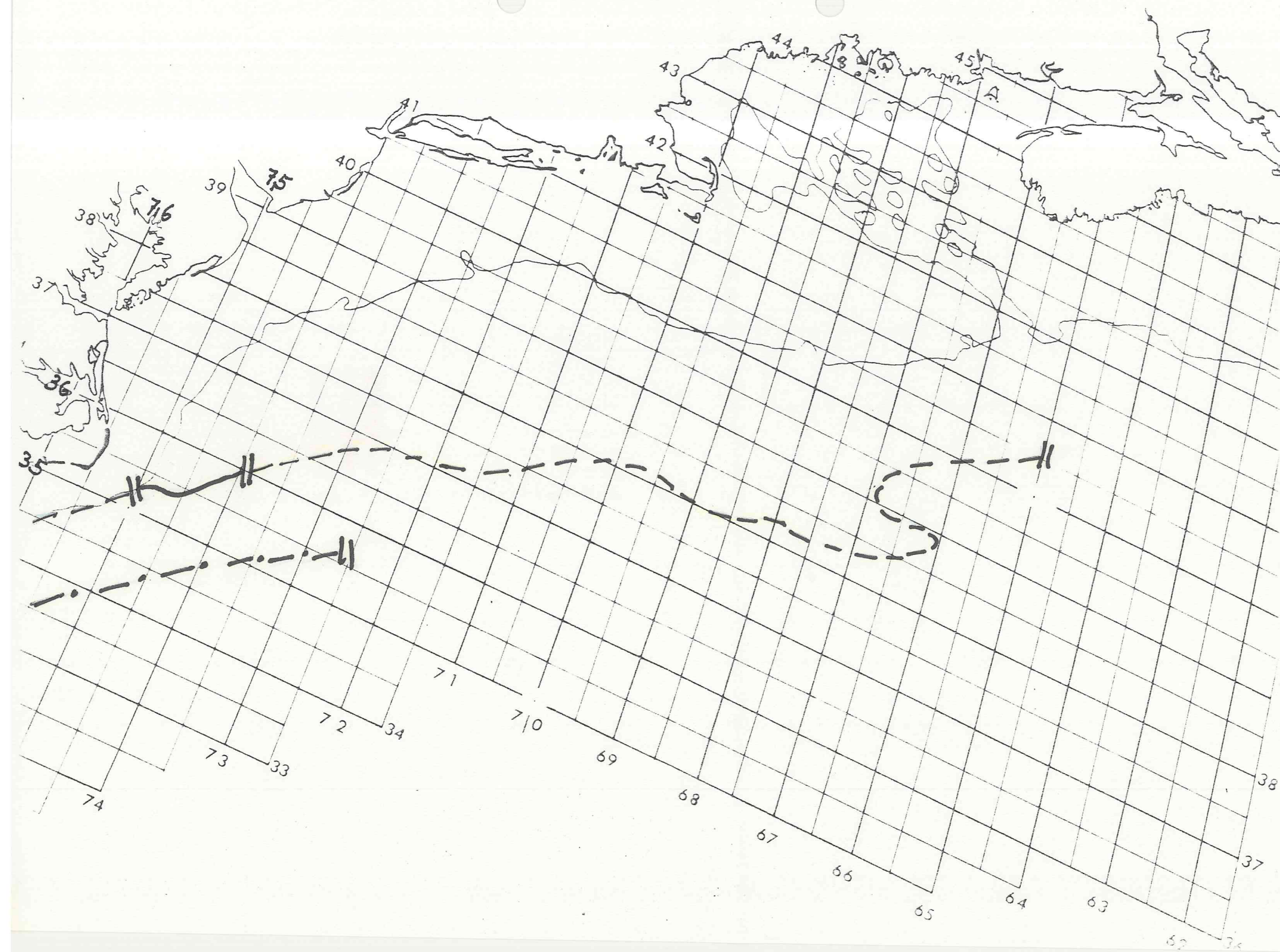
FLORIDA CURRENT SURFACE SPEED PROFILE AT 27 DEGREES NORTH

GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 21 Sep. 1990 PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 24 Sep 1990

Depicted land should not
be used for navigation.
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- Position
based on data
0 to 2 days old.
- Position
based on data
3 to 7 days old.
- Position
based on data
3 or more days old.
- Mean
position for month.

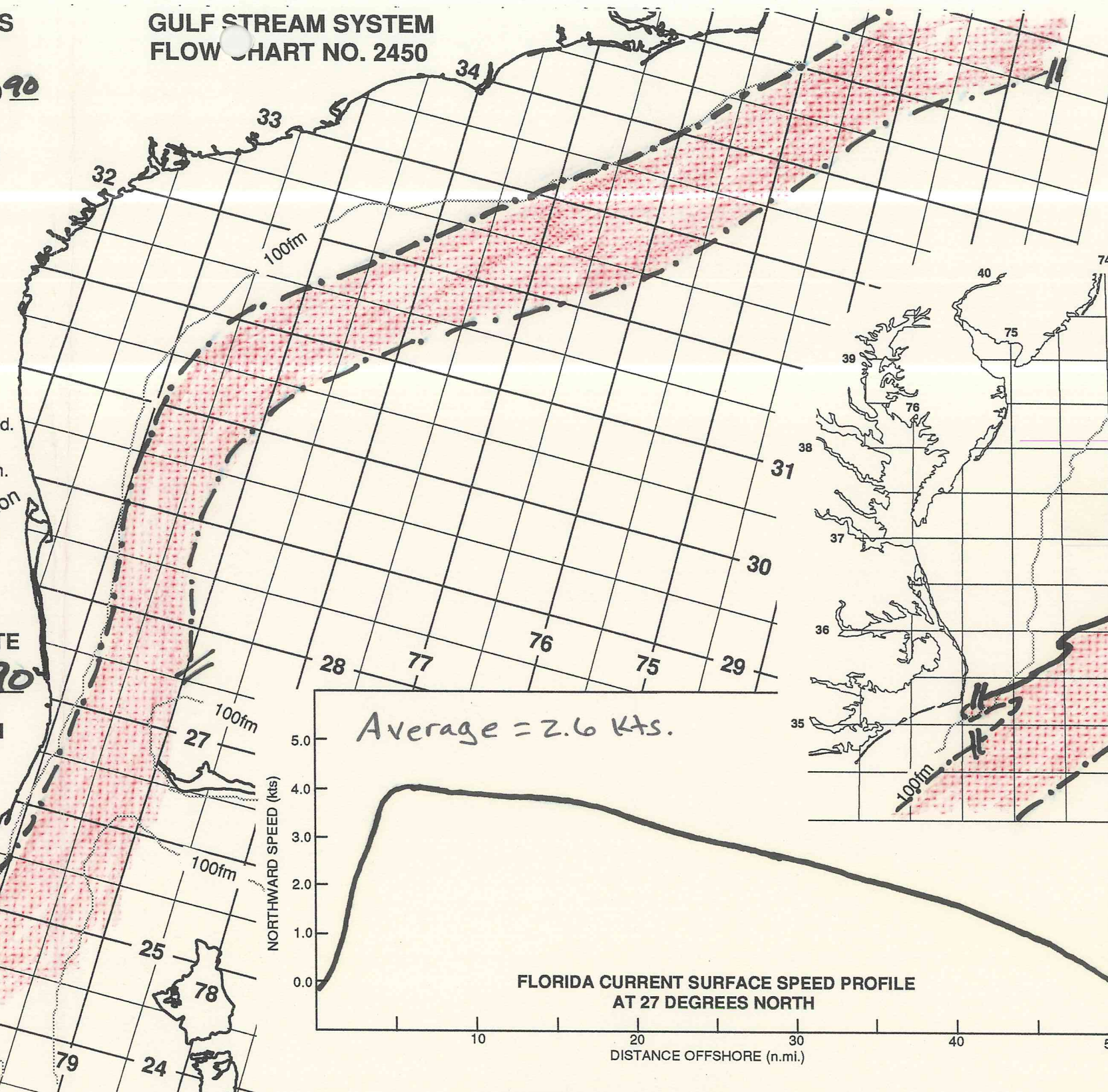
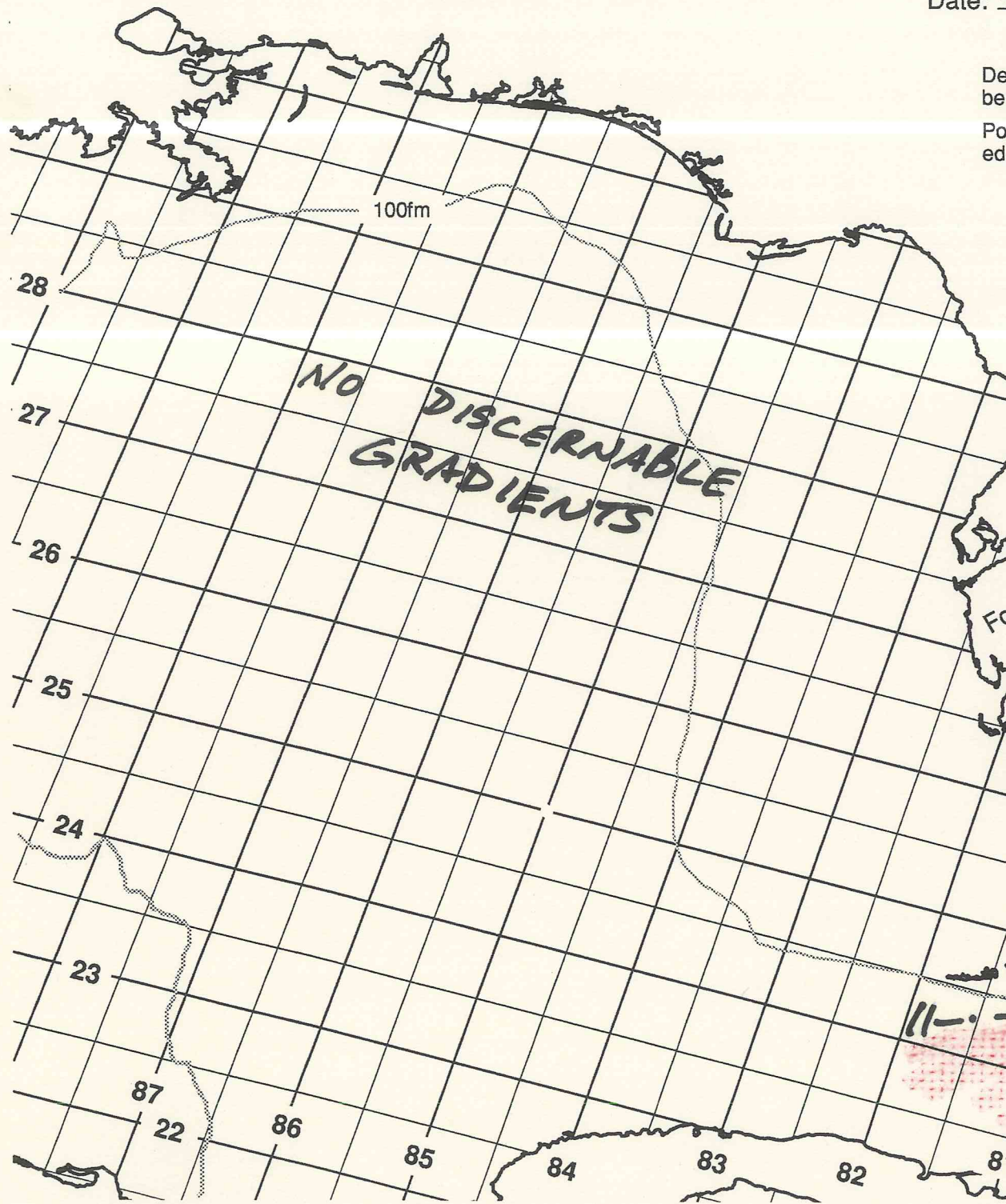
For additional information
call (305)665-4707

NEXT UPDATE

26 Sep 90

VK very cold
K cold
M mixed
W warm

NO DISCERNABLE
GRADIENTS



Average = 2.6 Kts.

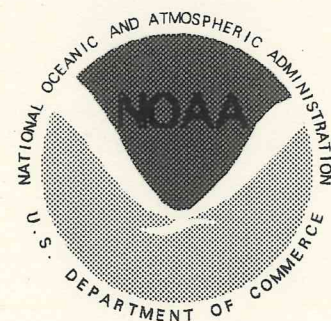
NORTHWARD SPEED (Kts)

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

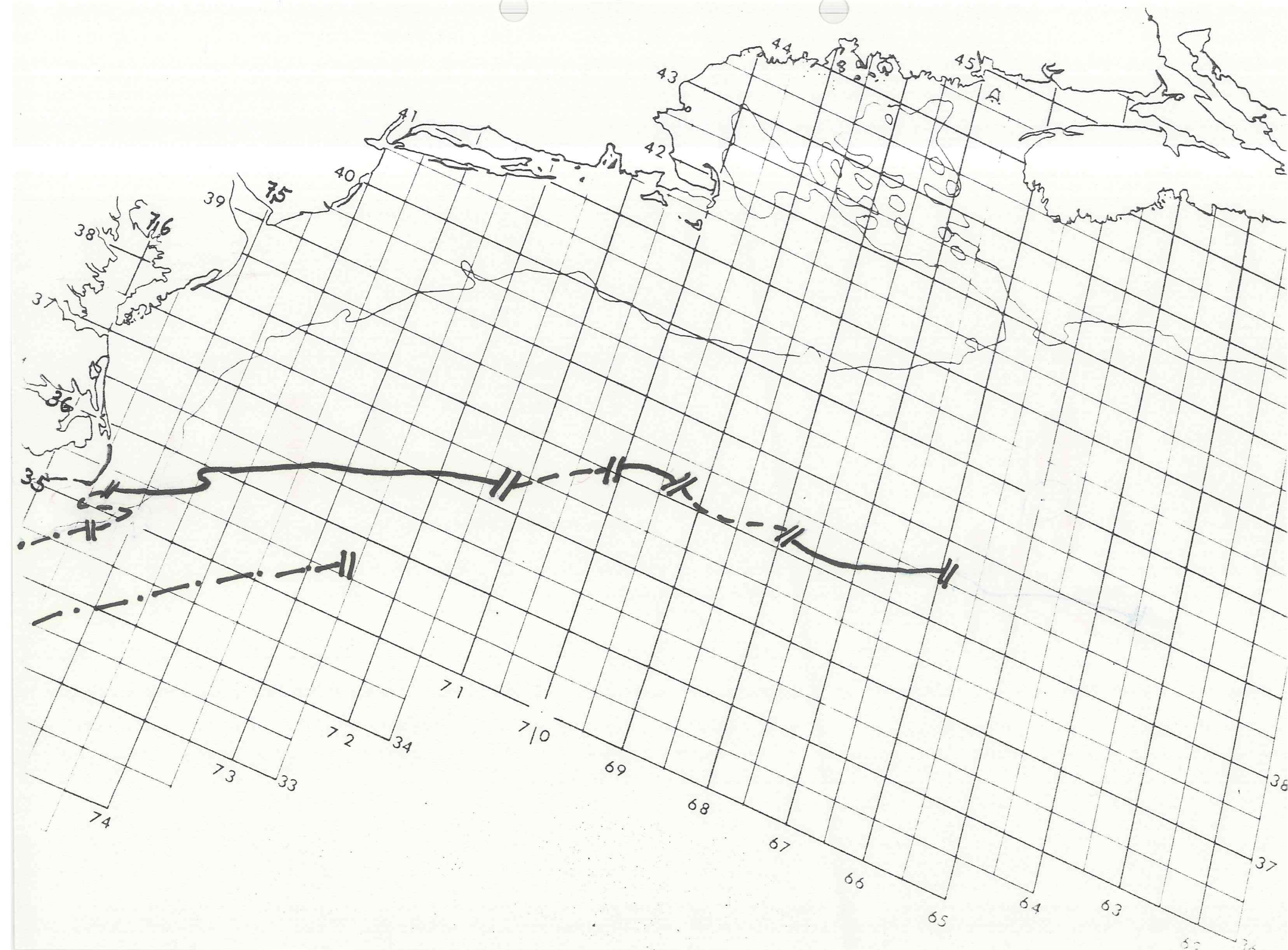
DISTANCE OFFSHORE (n.mi.)

GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 24 Sep. 1990 PART B



GULF STREAM SYSTEM
FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM
FLOW CHART NO. 2450

Date: 26 Sep. 1990

Depicted land should not
be used for navigation.
Position lines are for the
edges of warmer water.

- Position
based on data
0 to 2 days old.
- - - Position
based on data
3 to 7 days old.
- - - - Position
based on data
3 or more days old.
- Mean
position for month.

NO DISCERNABLE
GRADIENTS

For additional information
call (305)665-4707

NEXT UPDATE
28 Sep. 90

VK very cold
K cold
M mixed
W warm

NORTHWARD SPEED (Kts)

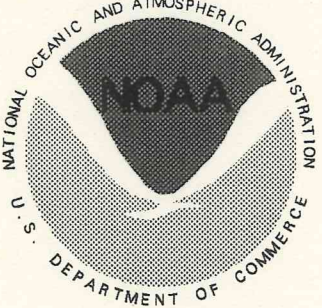
Average = 2.5 Kts.

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

DISTANCE OFFSHORE (n.mi.)

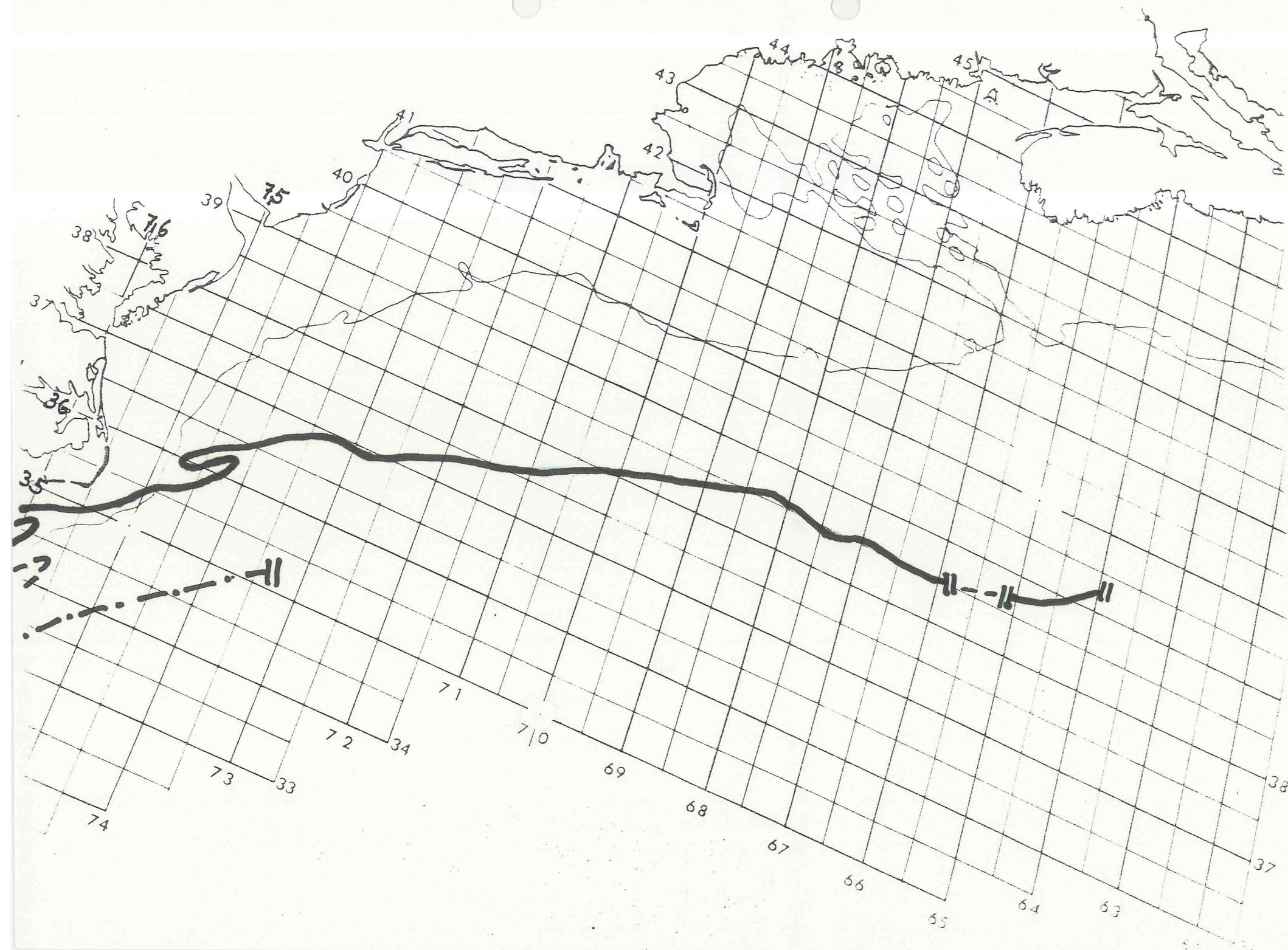
GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: Sep. 26 1990

PART B



NOAA MIAMI SFSS GULFSTREAM ANALYSIS
COURTESY OF NORTH CAROLINA SEA GRANT

ANALYSIS DATE 26 Sep. 90
NEXT ANALYSIS 03 Oct. 90



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 28 Sep 19990

Depicted land should not
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—— Position
based on data
0 to 2 days old.

----- Position
based on data
3 to 7 days old.

----- Position
based on data
3 or more days old.

..... Mean
position for month.

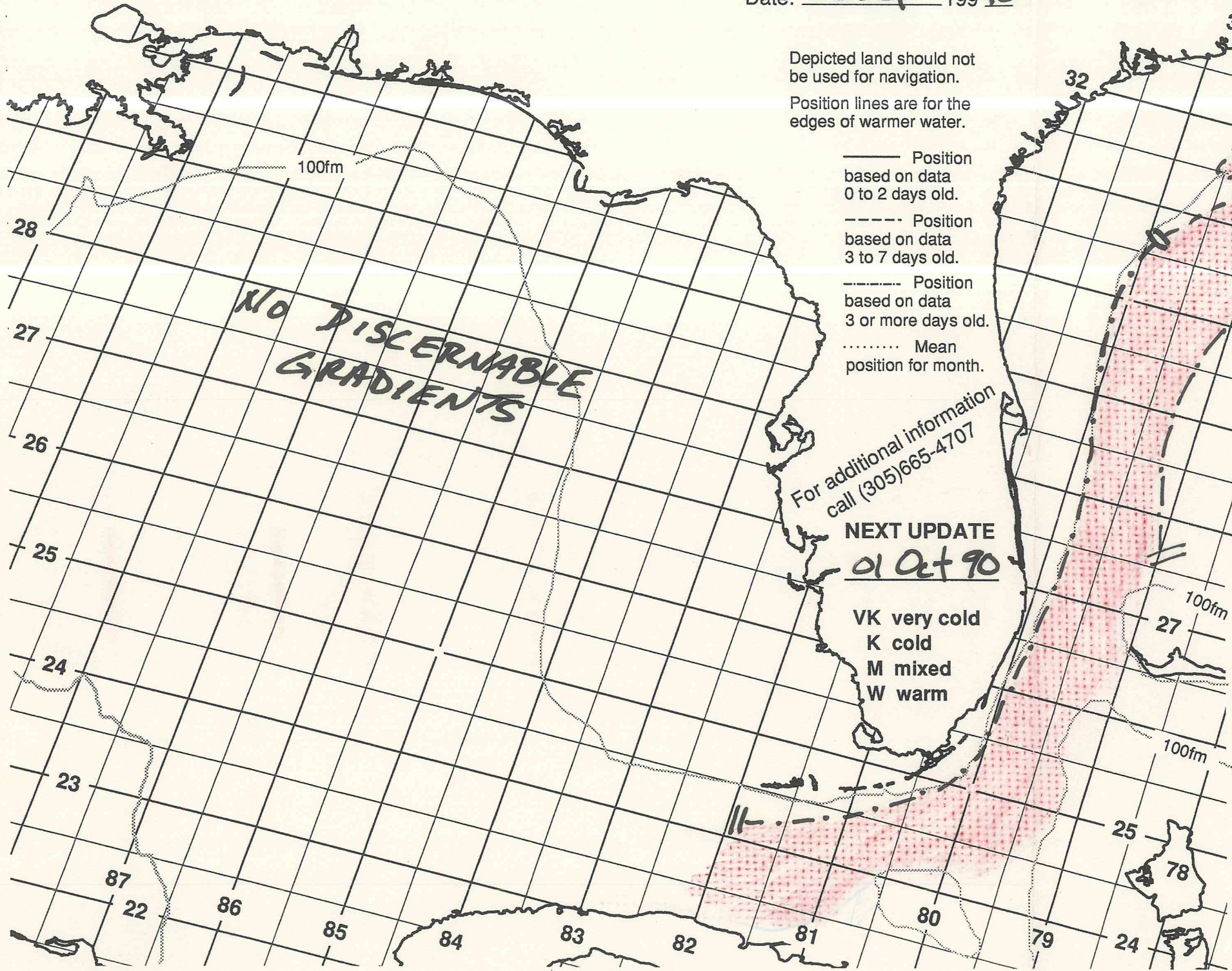
For additional information
call (305)665-4707

NEXT UPDATE

01 Oct 90

VK very cold
K cold
M mixed
W warm

NO DISCERNABLE
GRADIENTS



NORTHWARD SPEED (Kts)

5.0
4.0
3.0
2.0
1.0
0.0

NOT Available

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

10 20 30 40 50
DISTANCE OFFSHORE (n.mi.)

GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 28 Sep 1990

PART B

