

GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: **02 JULY 1990**

Depicted land should not
be used for navigation.

Position lines are for the
edges of warmer water.

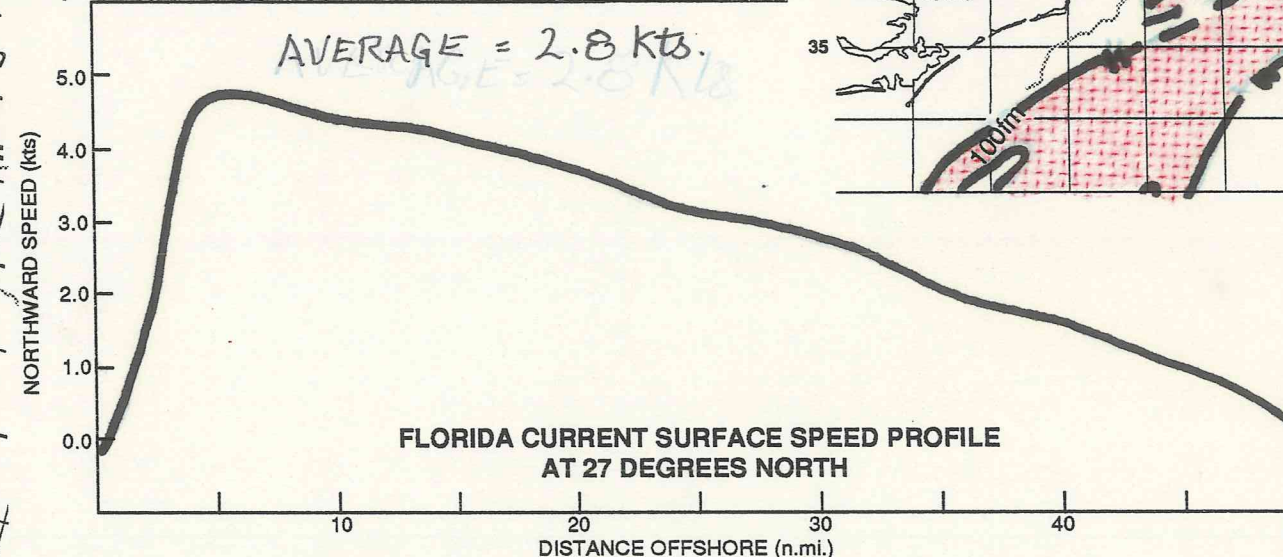
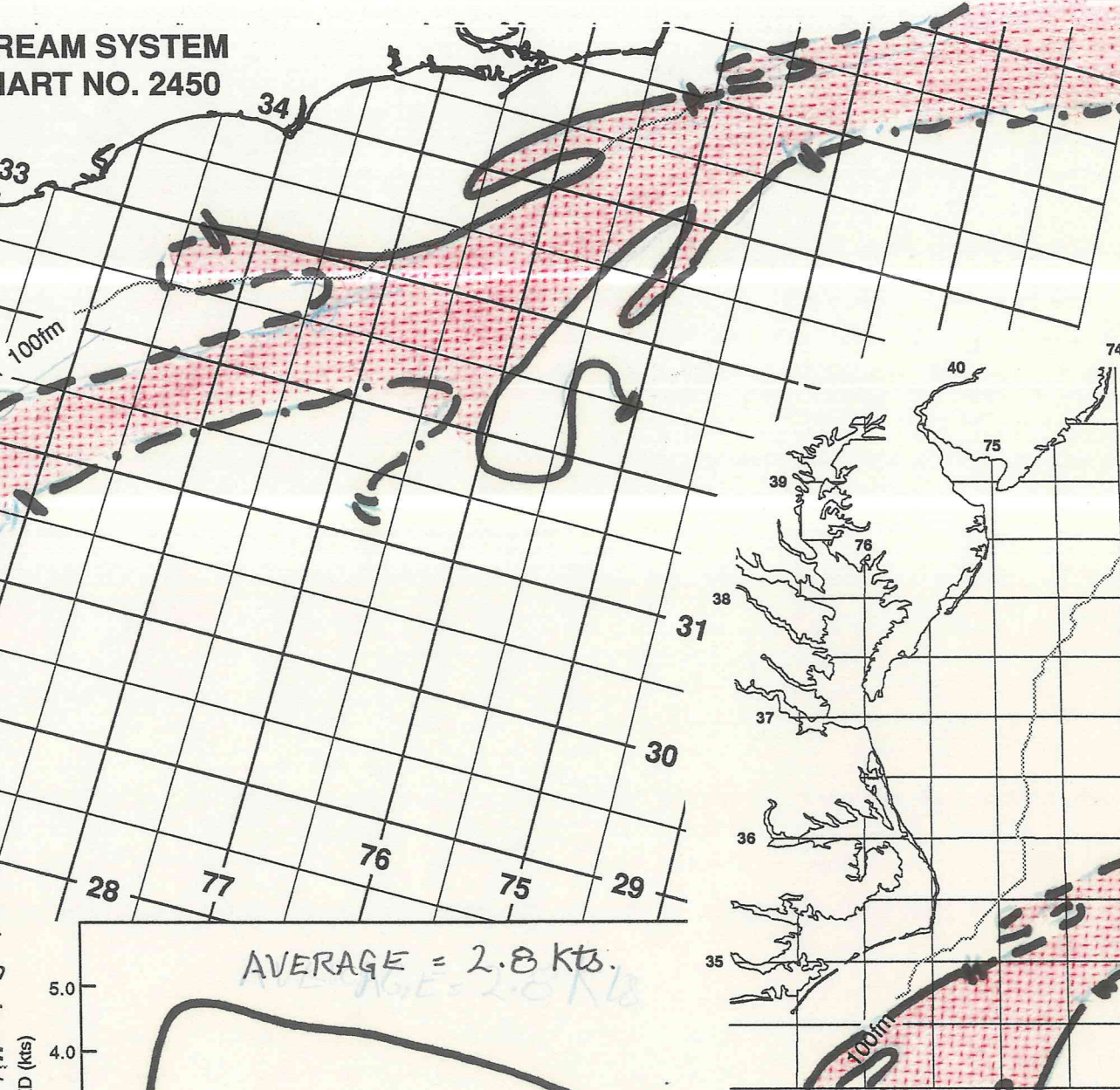
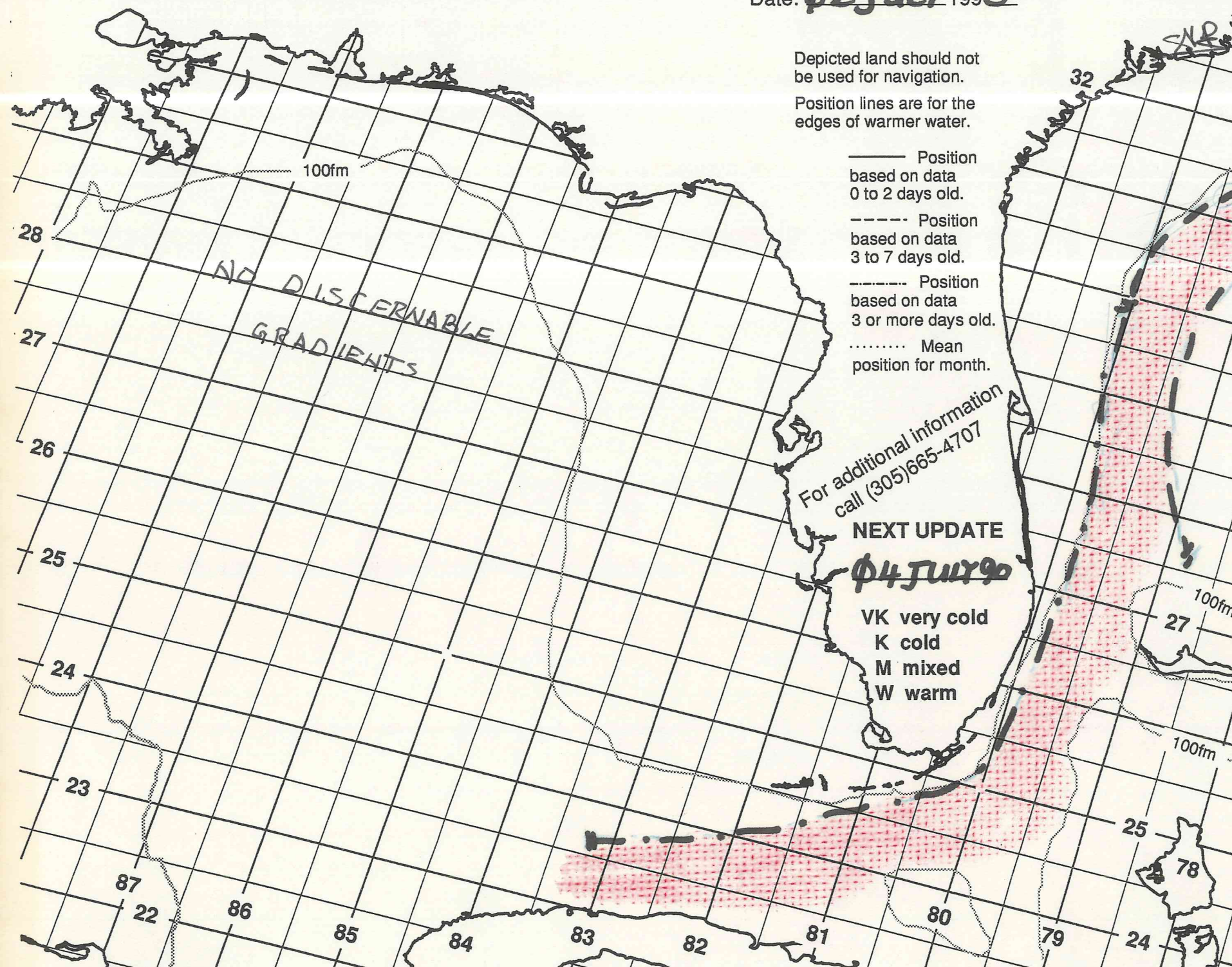
- Position
based on data
0 to 2 days old.
- Position
based on data
3 to 7 days old.
- Position
based on data
3 or more days old.
- Mean
position for month.

For additional information
call (305)665-4707

NEXT UPDATE

04 JULY 90

VK very cold
K cold
M mixed
W warm



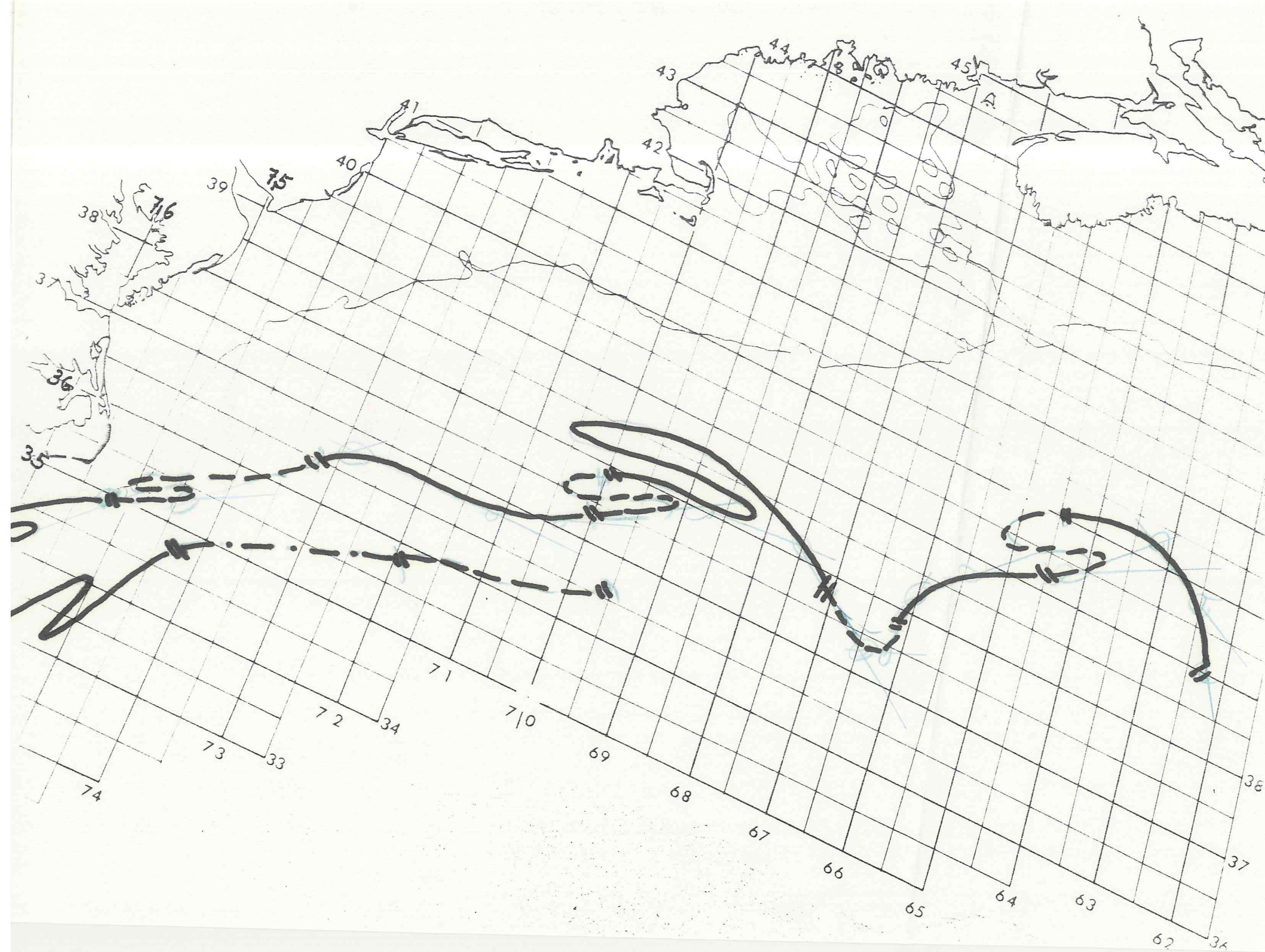
GULF STREAM WALL BULLETIN

270798	280798	289800	305800	313794	326774	350750	354744	368725
369711	371703	381688	382675	373665	374662	382660	387655	394641
402632	393626	390622						

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 02 JULY 1990 PART B



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

NOAA Miami SFSS

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

Date: **04 JULY 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.

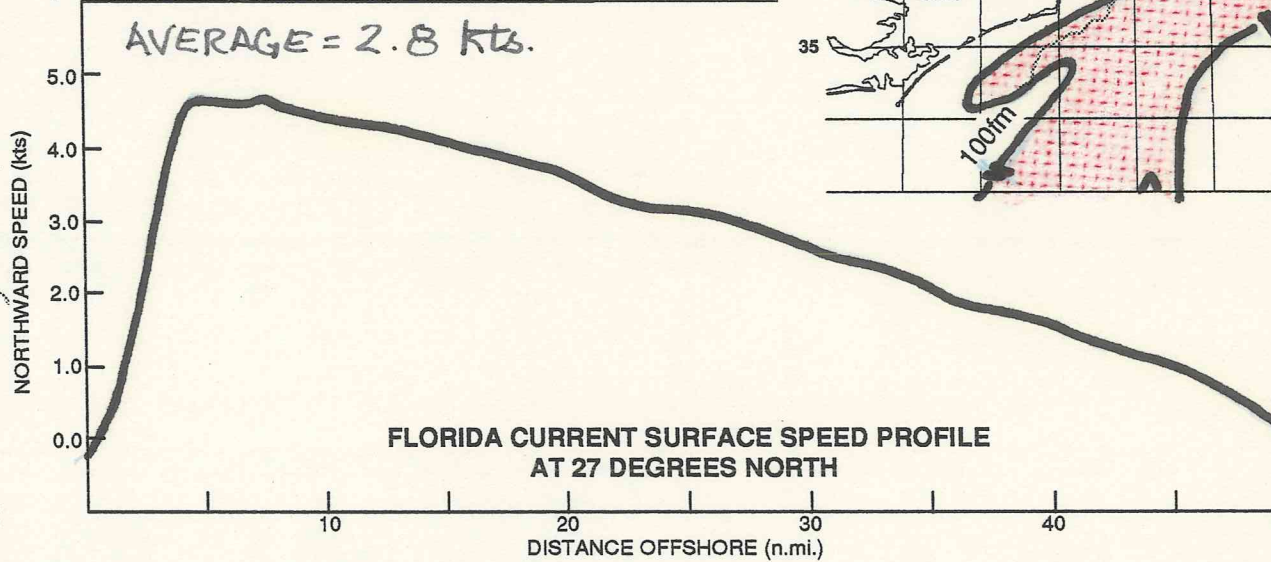
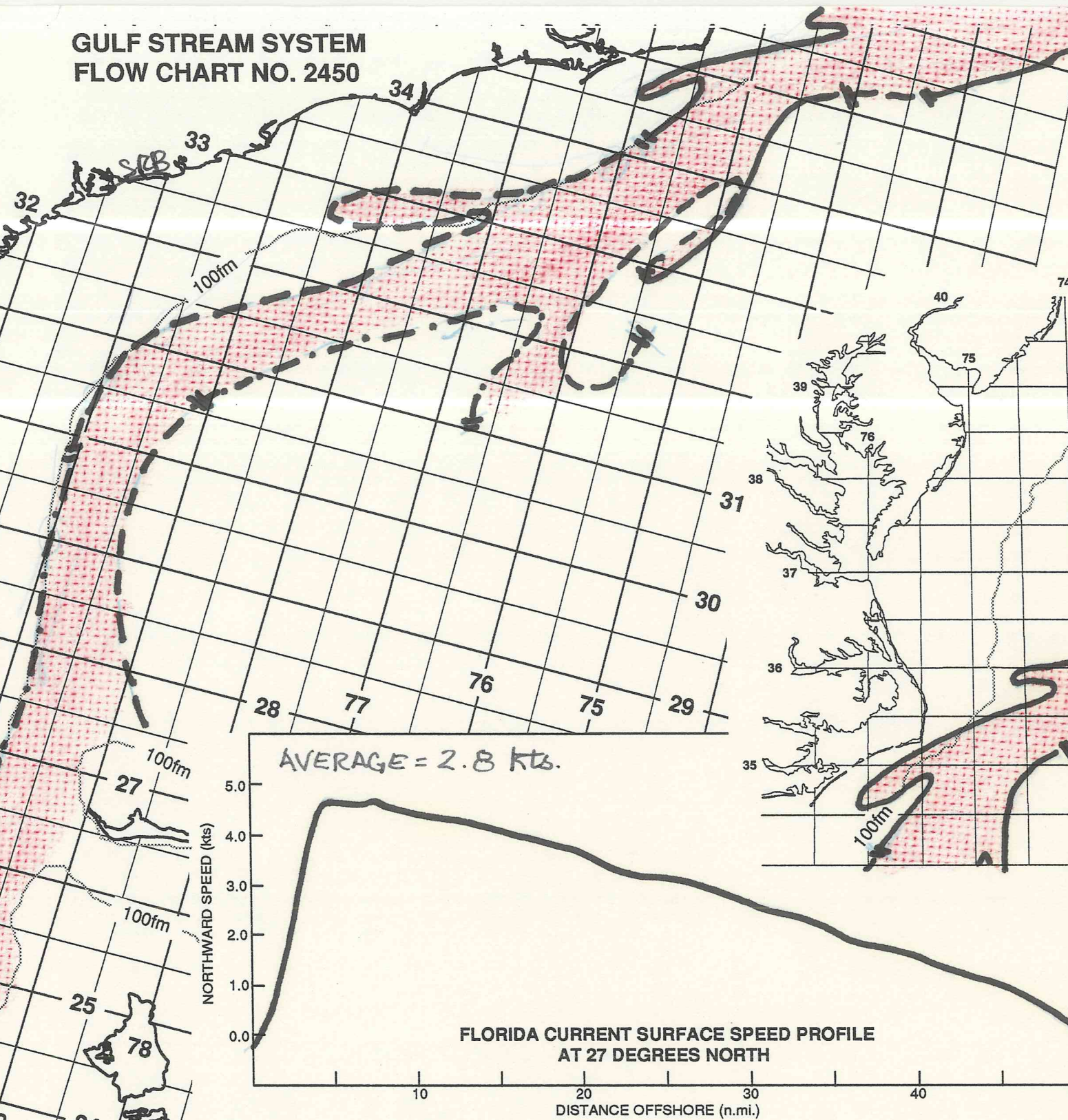
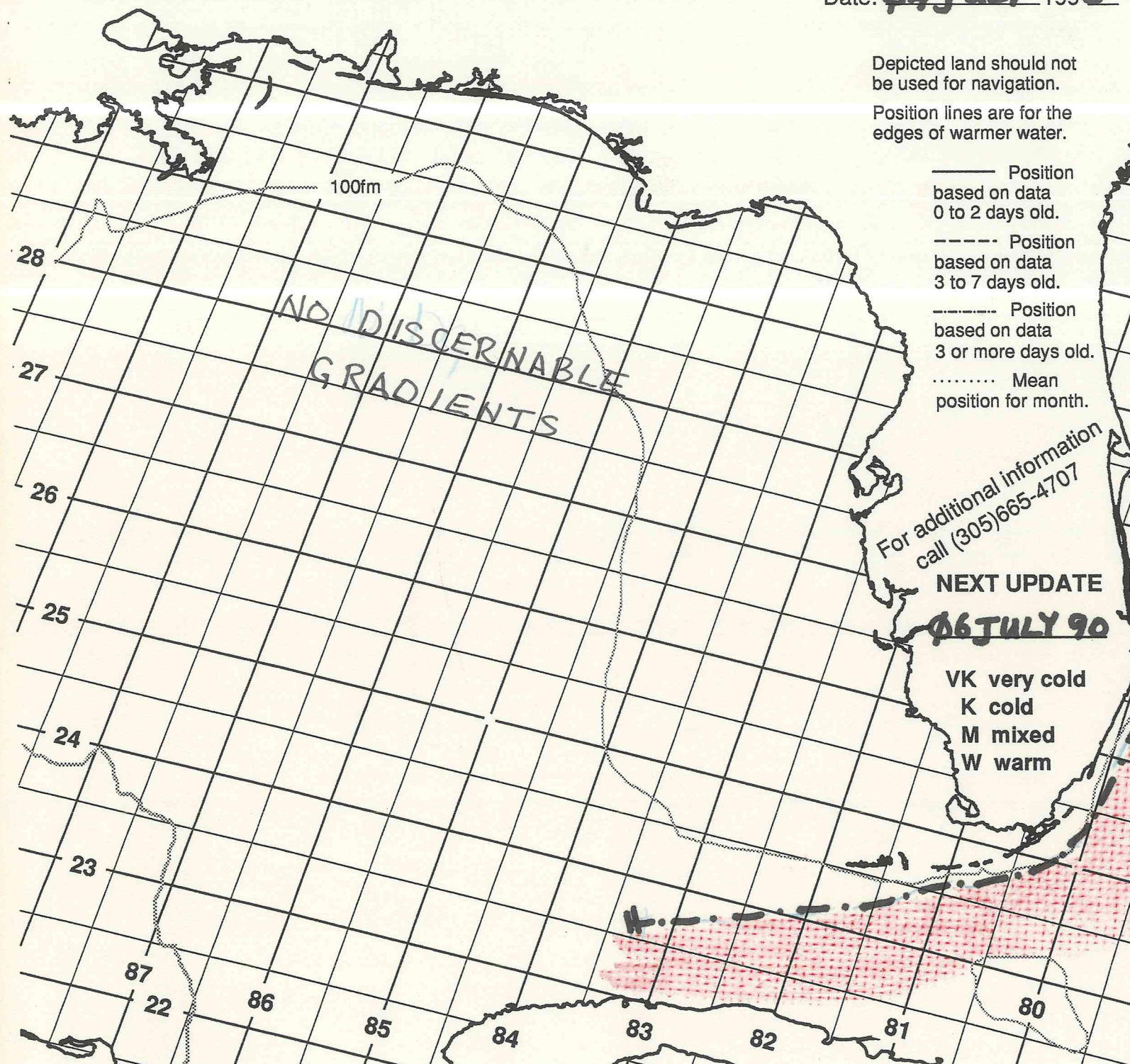
..... Mean
position for month.

For additional information
call (305)665-4707

NEXT UPDATE

06 JULY 90

VK very cold
K cold
M mixed
W warm



GULF STREAM WALL BULLETIN

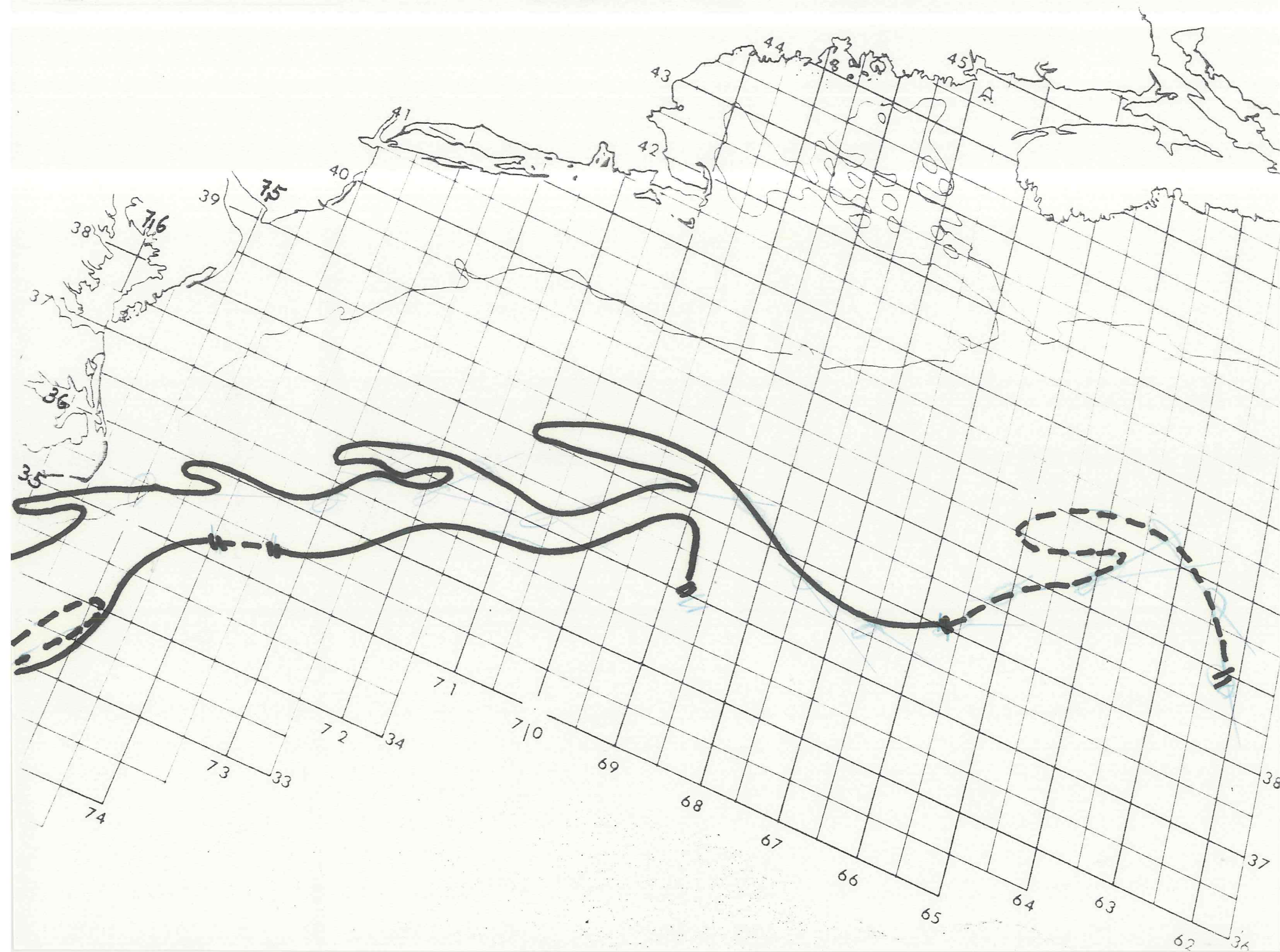
270799	279798	290800	305800	312796	321780	334766	344760	355744
363730	368726	369719	371715	377705	380695	384684	378674	377664
381656	386651	394640	403633	398626	390622			

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: **04 JULY 1990**

PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 06 JULY 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.

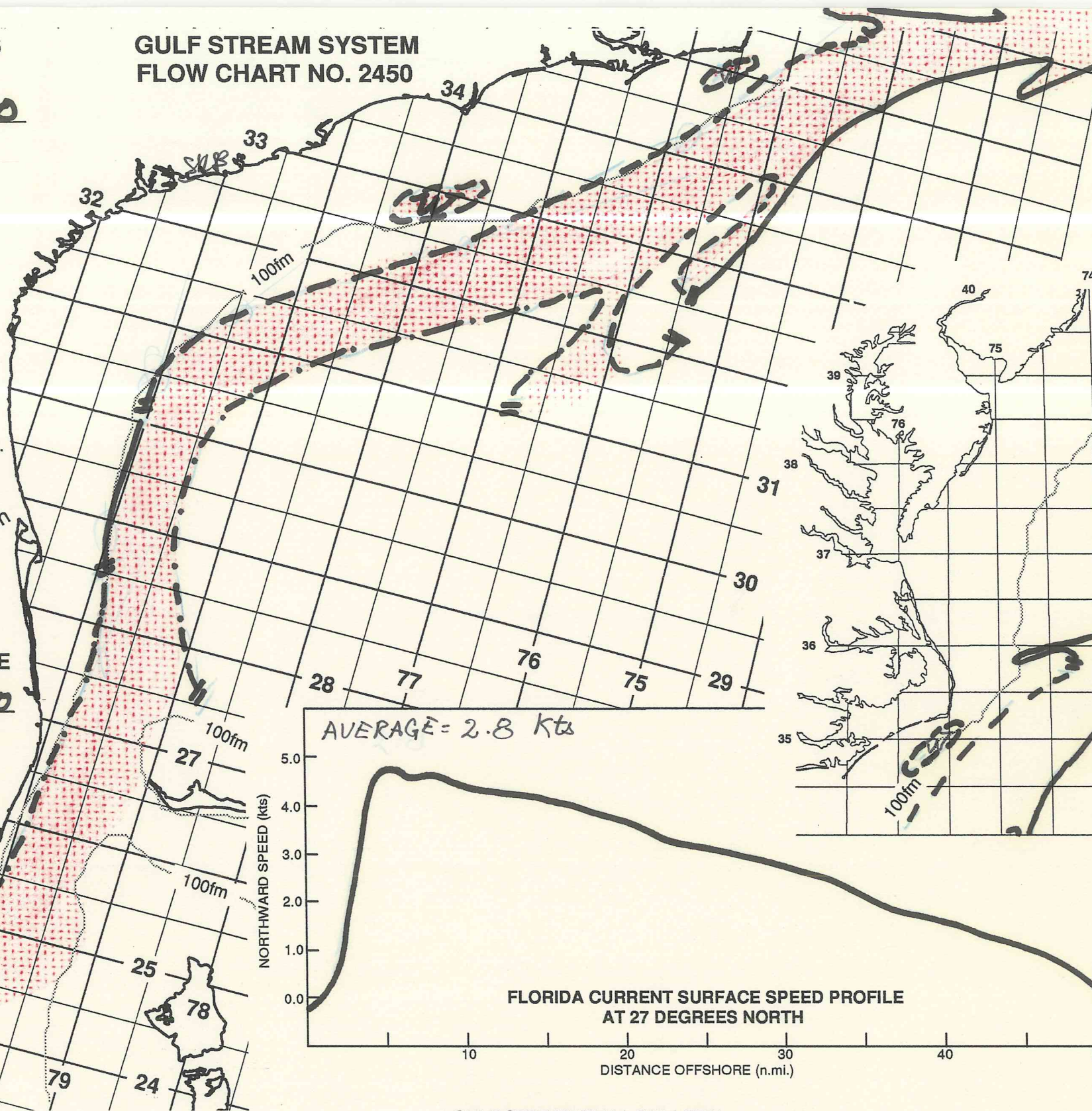
..... Mean
position for month.

For additional information
call (305)665-4707

NEXT UPDATE

09 JULY 90

VK very cold
K cold
M mixed
W warm



AVERAGE = 2.8 Kts

NORTHWARD SPEED (Kts)

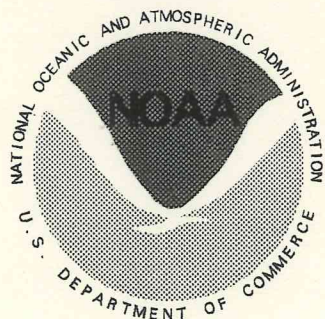
FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

DISTANCE OFFSHORE (n.mi.)

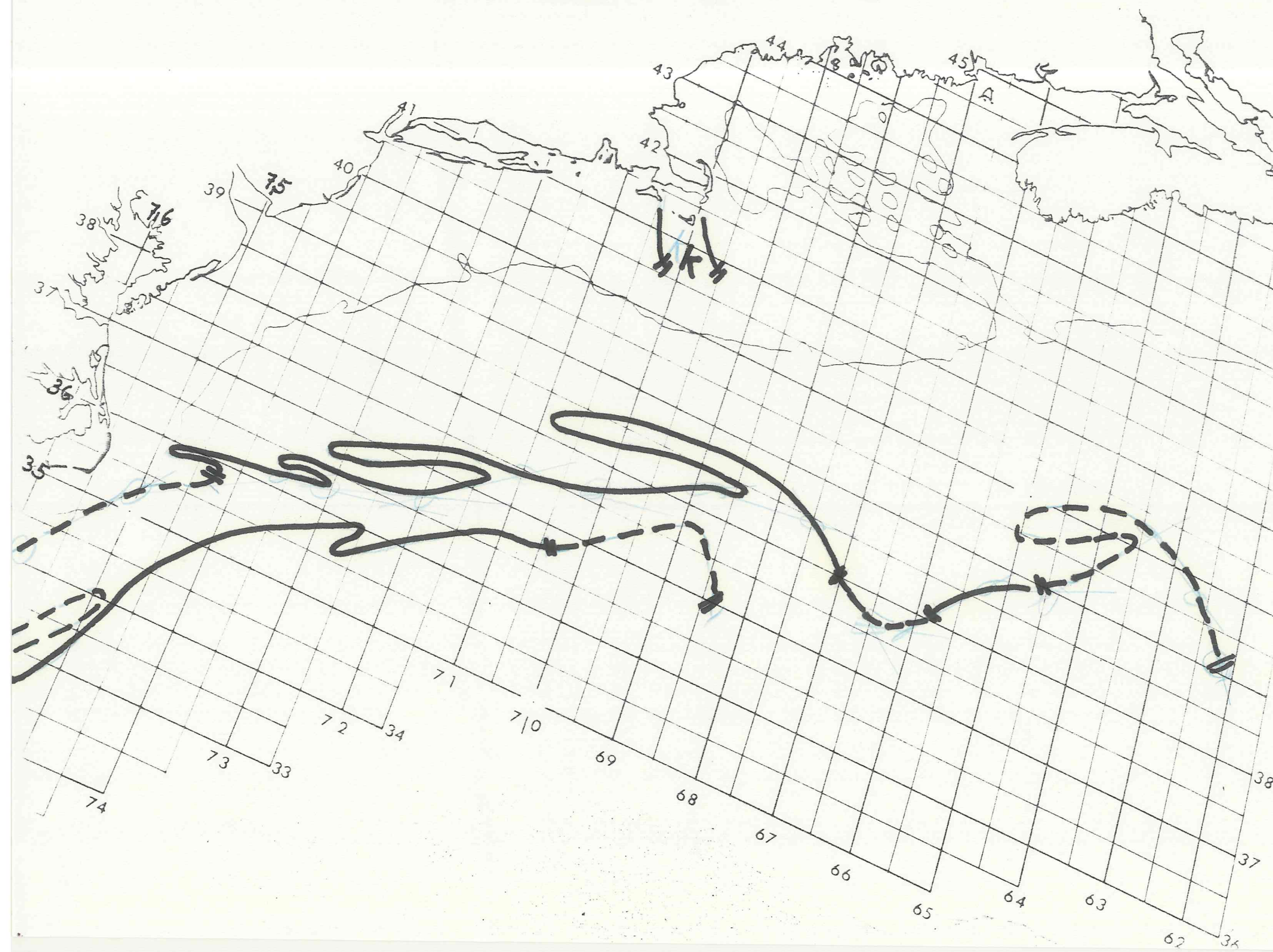
GULF STREAM WALL BULLETIN

270799	278798	289800	305800	313795	325776	342758	353750	362735
363730	367720	375710	376701	383689	385675	376665	378661	387653
390645	403633	398626	292622					

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 06 JUL 1990 PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 09 JULY 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.

For additional information
call (305)665-4707

NEXT UPDATE

11 JUL 90

VK very cold
K cold
M mixed
W warm

NO DISCERNABLE
GRADIENTS

NORTHWARD SPEED (kts)

AVERAGE = 2.9 kts

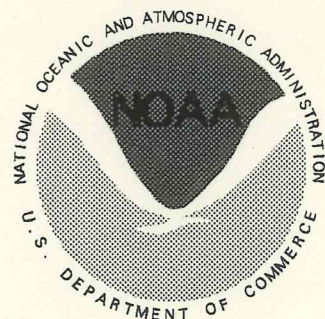
FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

DISTANCE OFFSHORE (n.mi.)

GULF STREAM WALL BULLETIN

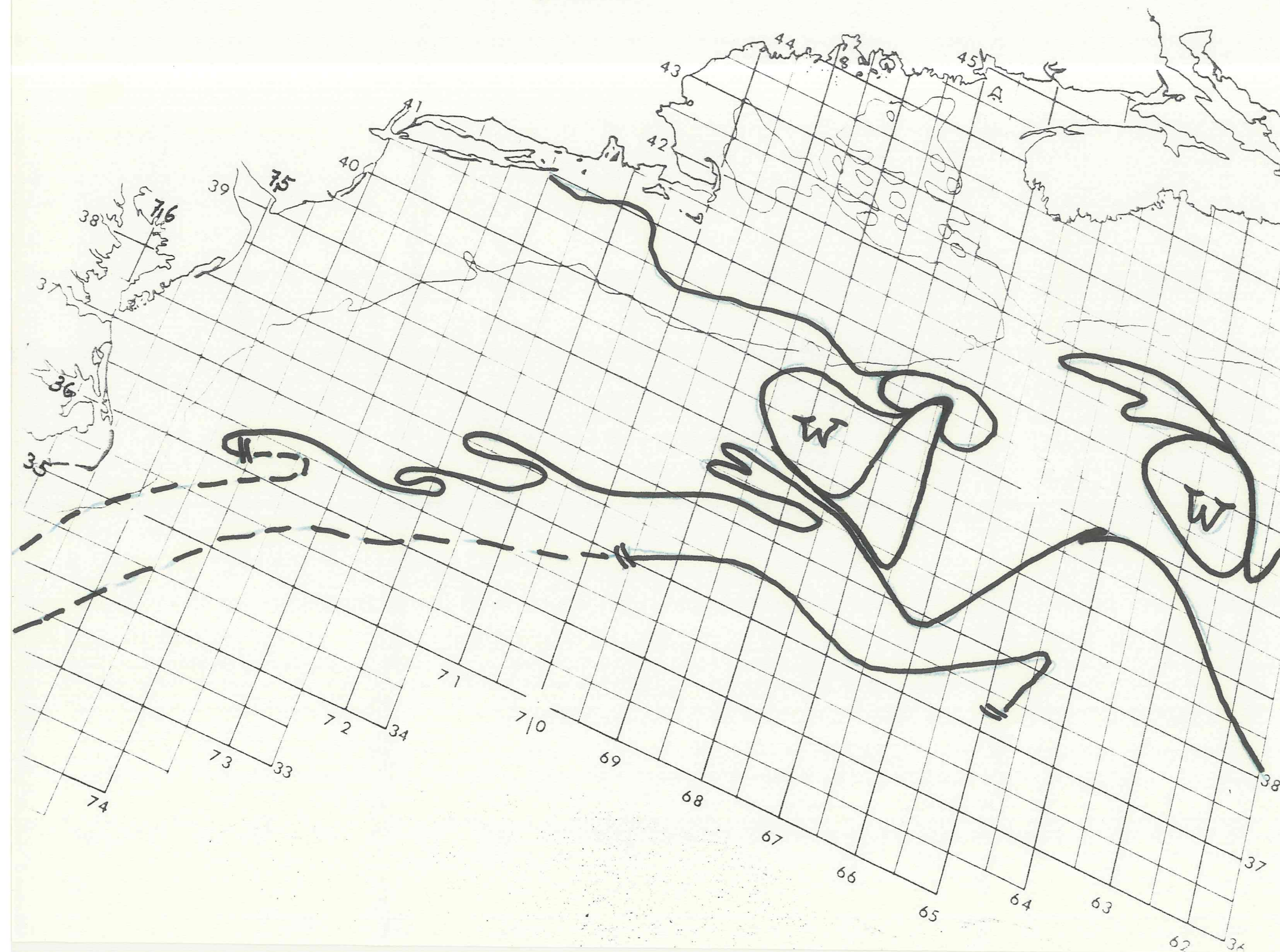
270700	270700	289800	305800	313795	325716	342758	353750	362735
363730	367710	375710	376701	383689	385675	376665	378661	387653
390645	403633	398626	392622//					

LOOP CURRENT BULLETIN



09 JULY 1990

PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: **11 JULY 1990**

Depicted land should not
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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.

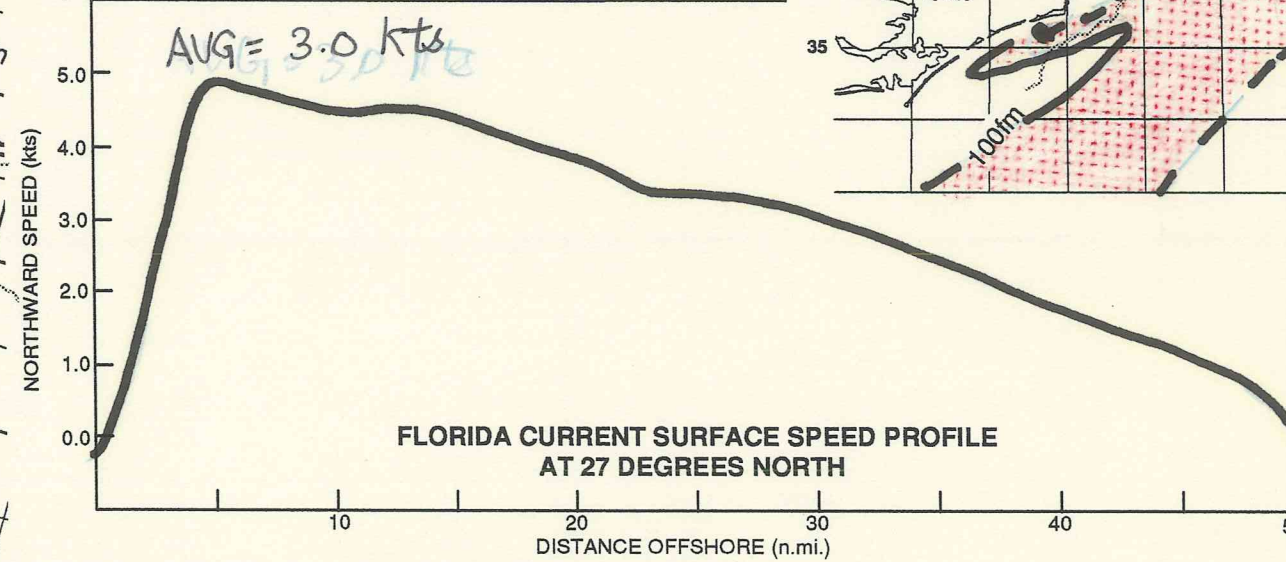
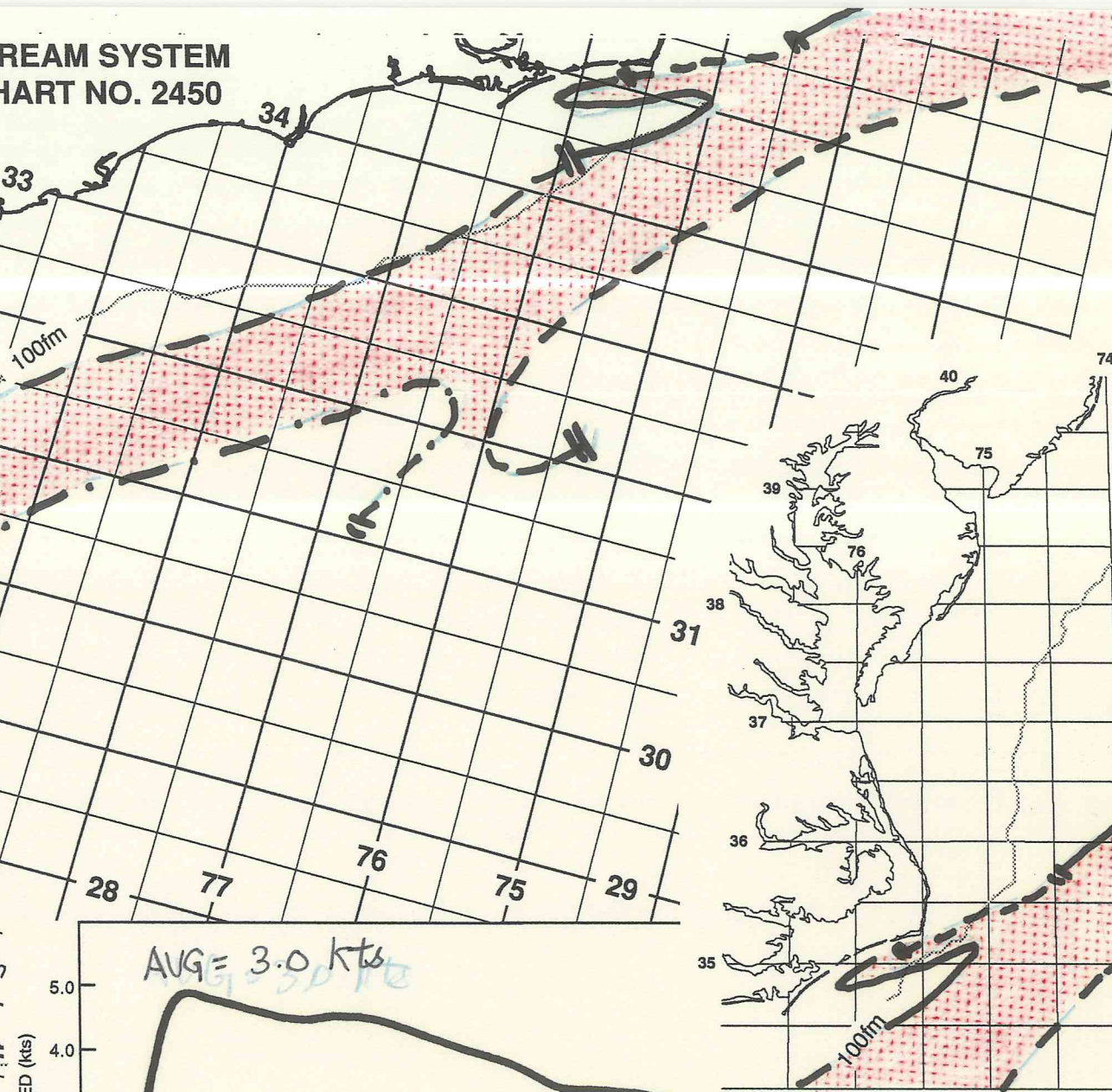
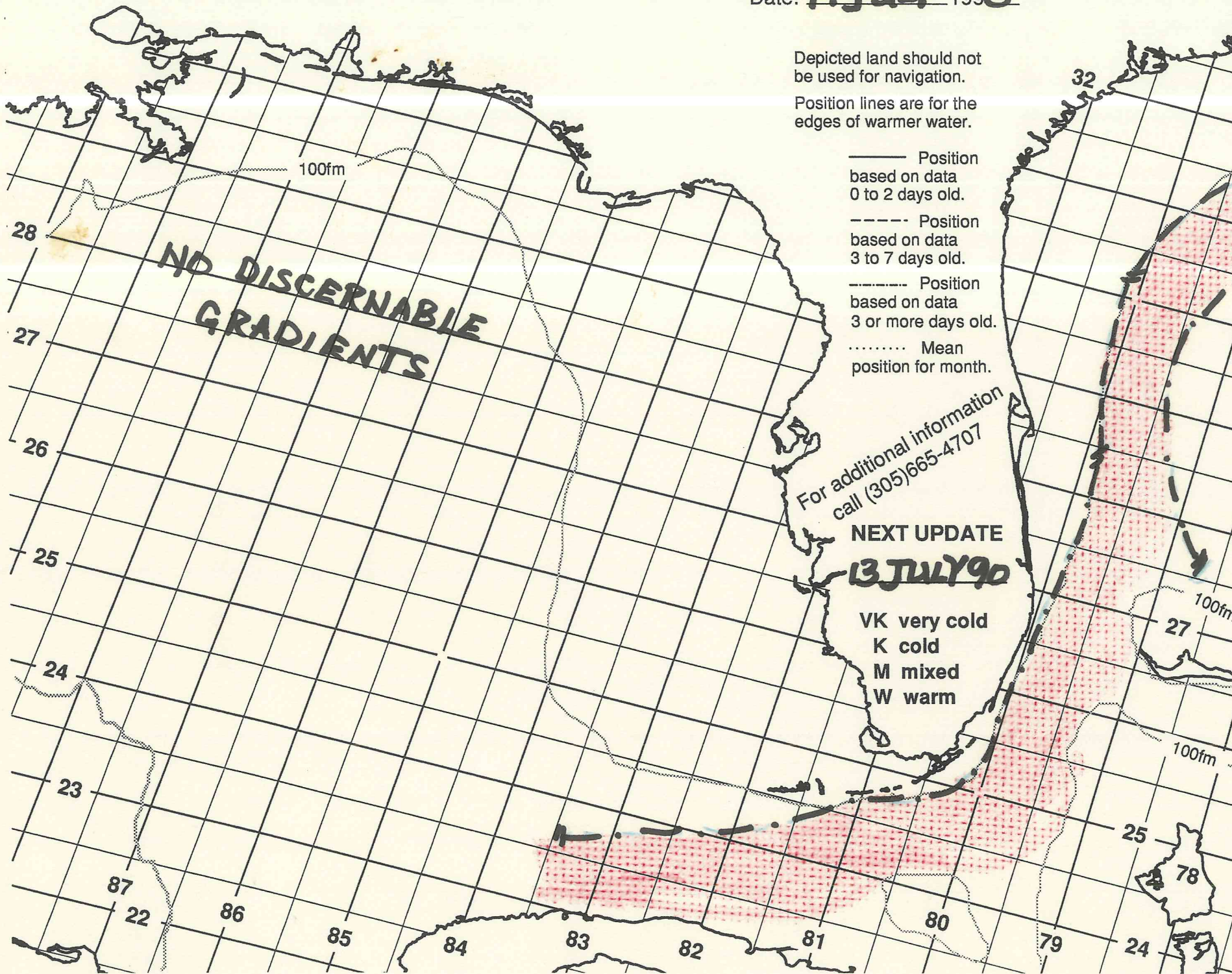
..... Mean
position for month.

For additional information
call (305)665-4707

NEXT UPDATE

13 JULY 90

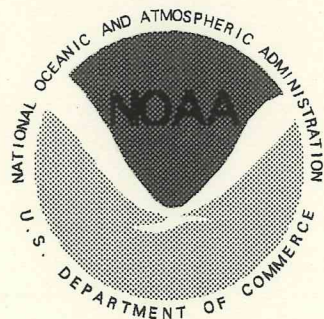
VK very cold
K cold
M mixed
W warm



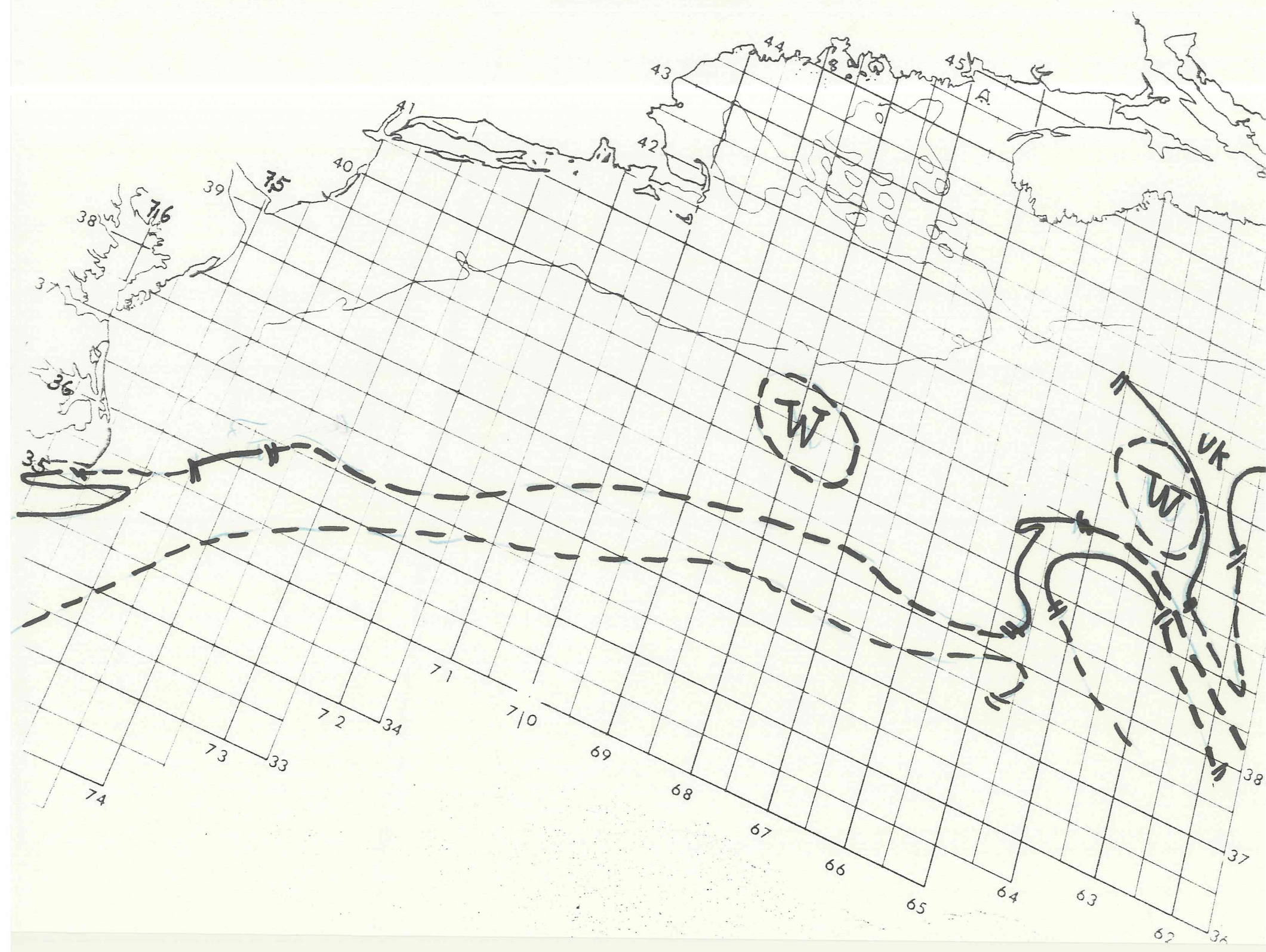
GULF STREAM WALL BULLETIN

270799	278798	289800	305800	313795	325776	342758	353750	362735
363730	367720	375710	376701	383689	385675	376665	378661	387653
390645	403633	398626	392622					

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 11 JULY 1990 PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: **13 JULY** 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
3 or more days old.

..... Mean
position for month.

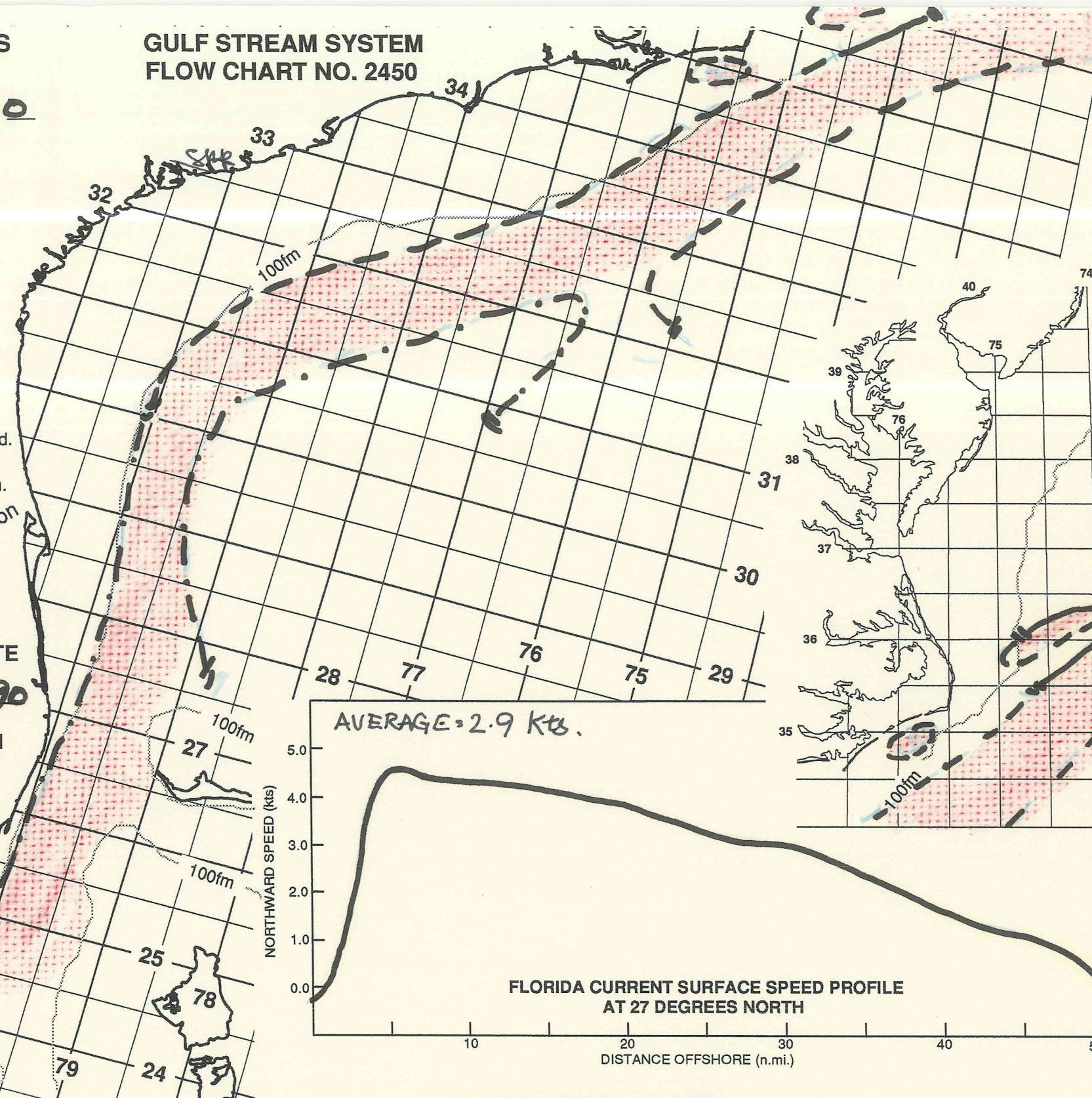
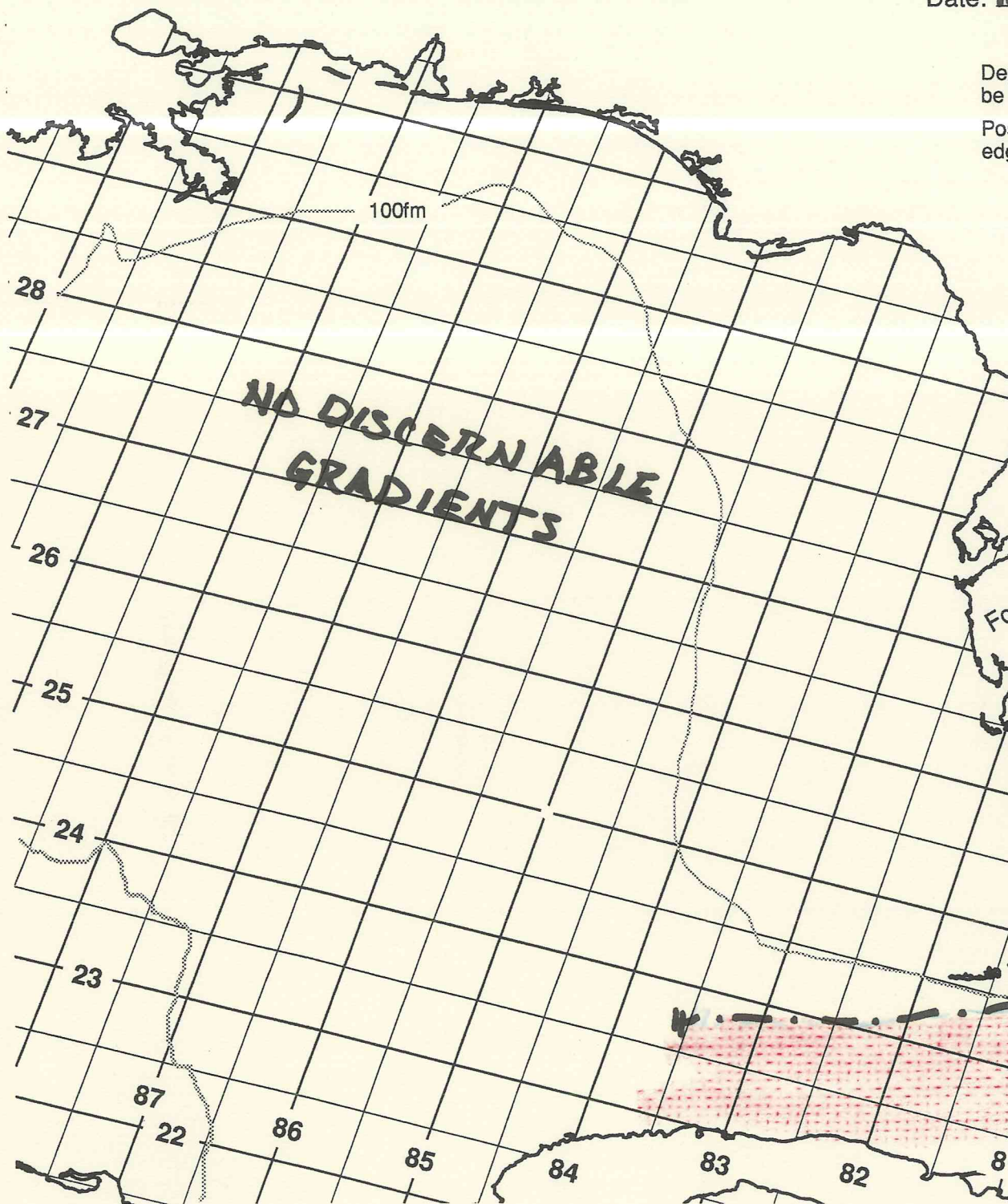
For additional information
call (305)665-4707

NEXT UPDATE

16 JULY 90

VK very cold
K cold
M mixed
W warm

NO DISCERNABLE
GRADIENTS



AVERAGE = 2.9 Kts.

NORTHWARD SPEED (Kts)

5.0
4.0
3.0
2.0
1.0
0.0

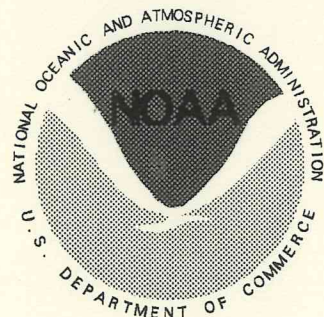
FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

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

GULF STREAM WALL BULLETIN

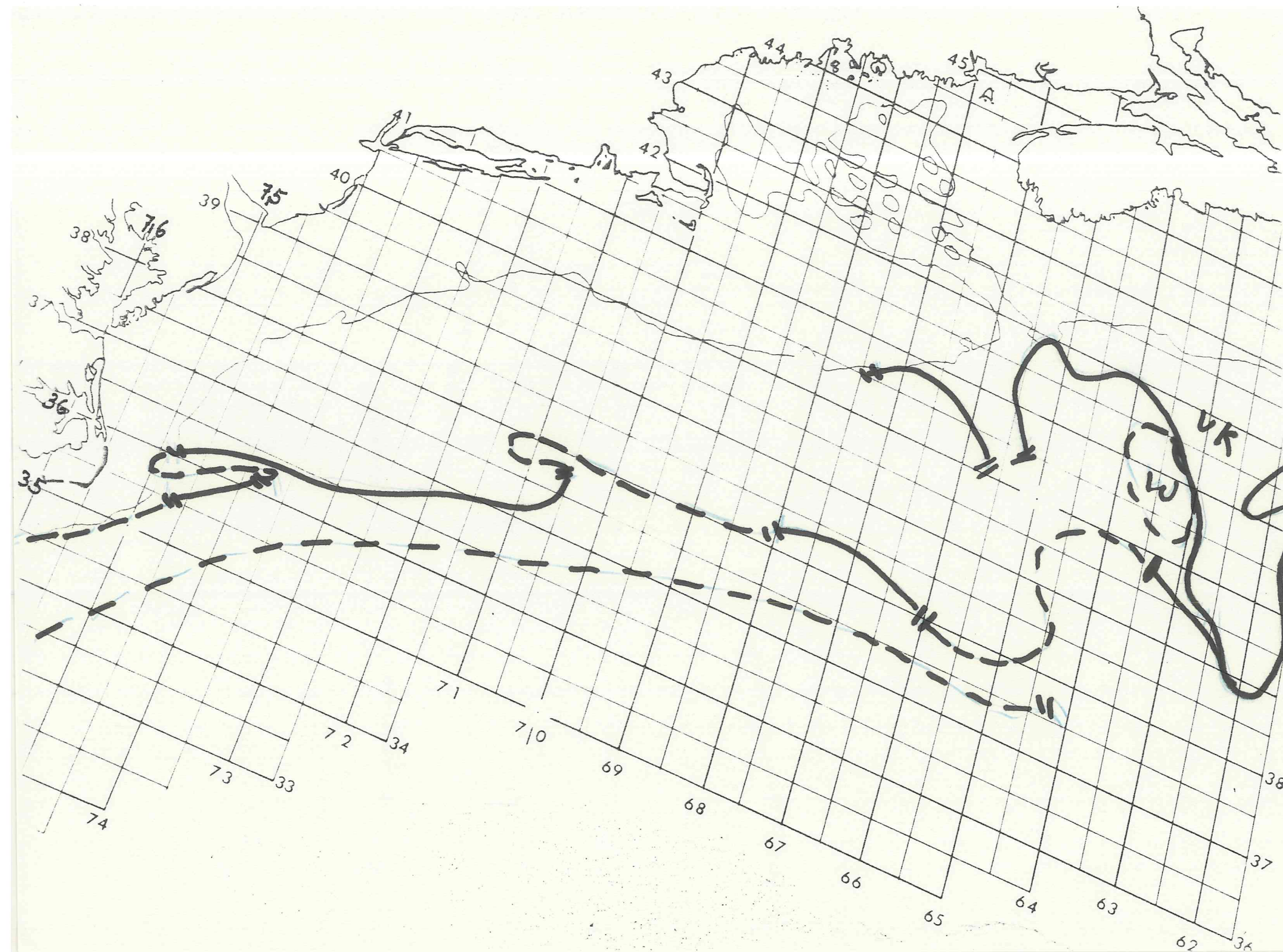
270749	278798	289800	305800	313795	325776	347758	353750	362735
363730	367720	375710	376701	383689	385675	376665	378661	387653
390645	403633	398626	392622					

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 13 JULY 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.

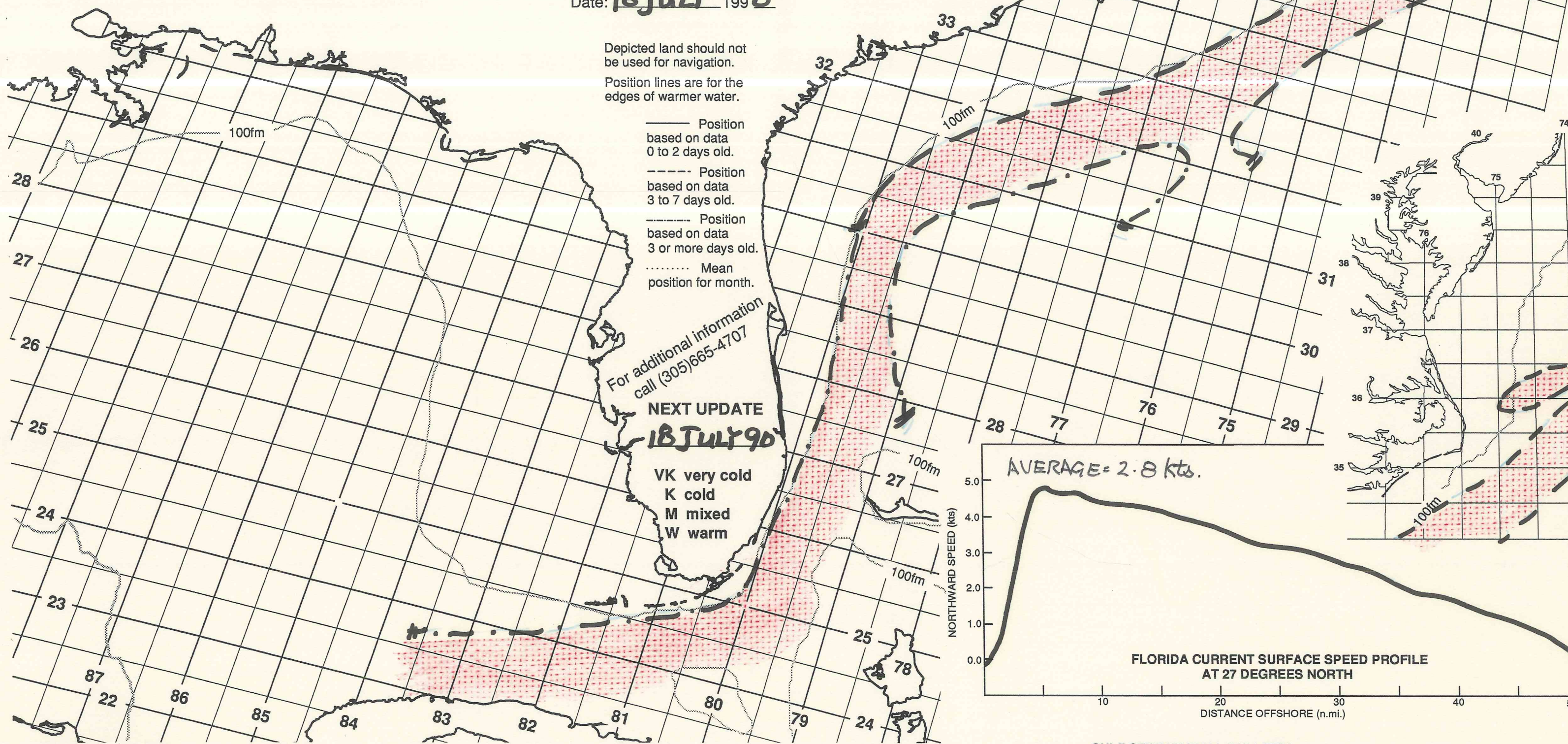
..... Mean
position for month.

For additional information
call (305)665-4707

NEXT UPDATE

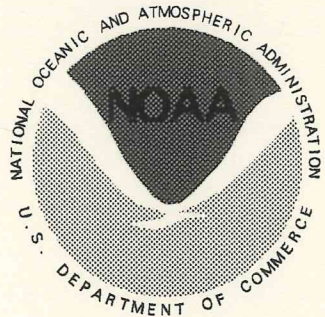
-18 JULY 90

VK very cold
K cold
M mixed
W warm

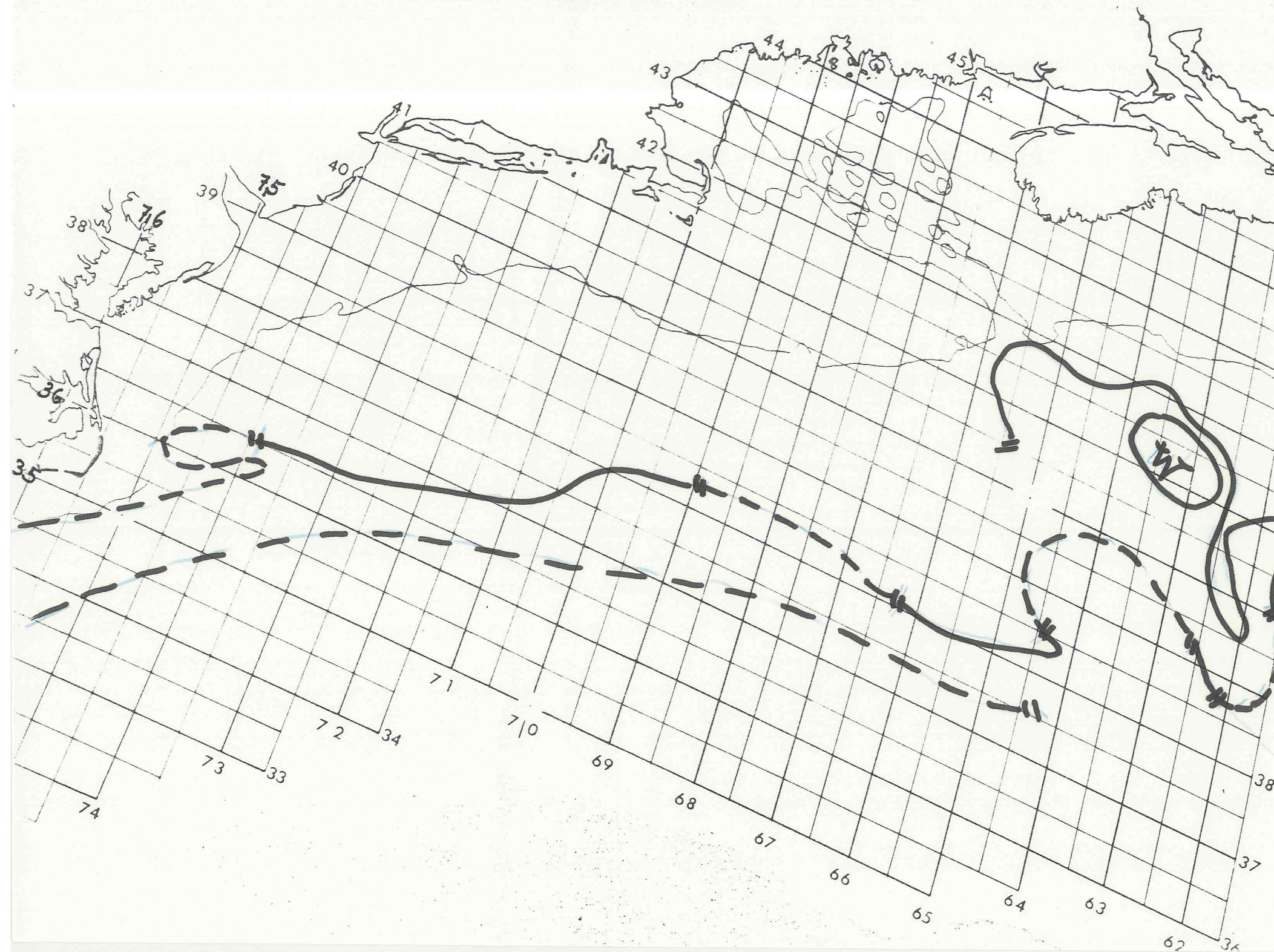


GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 16 JULY 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.

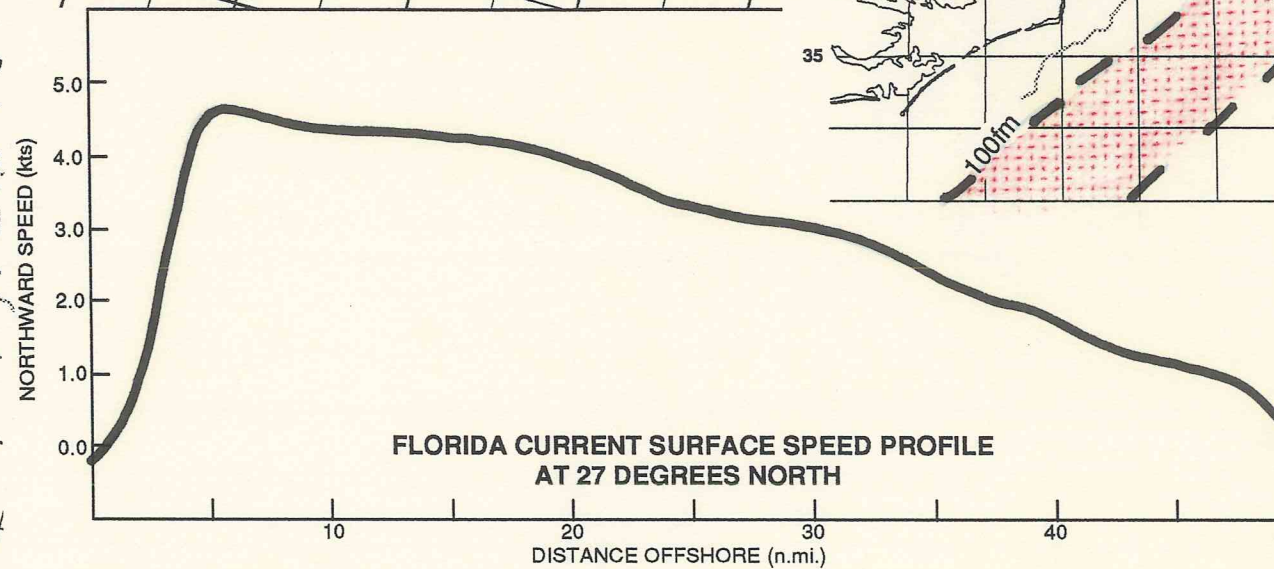
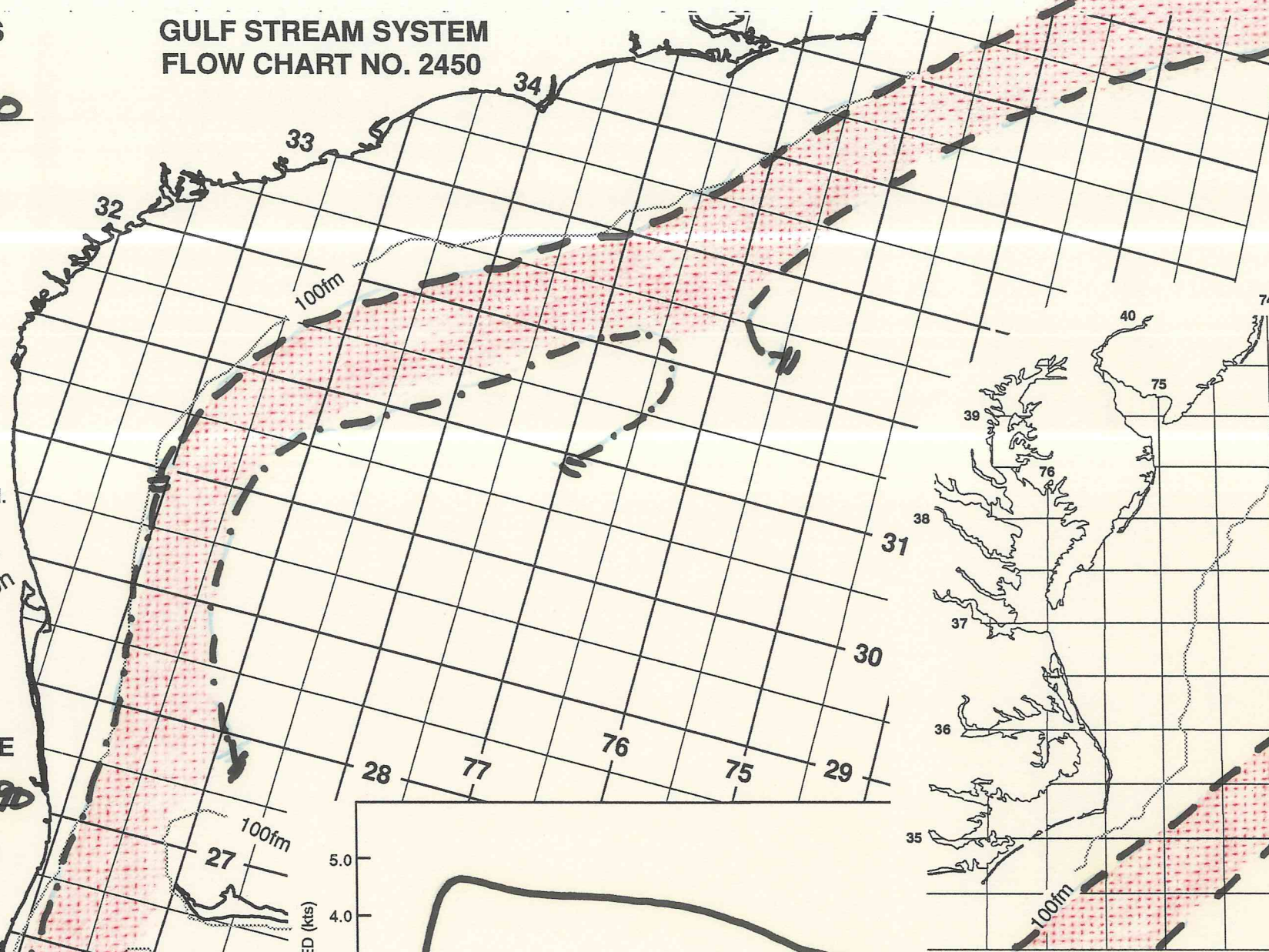
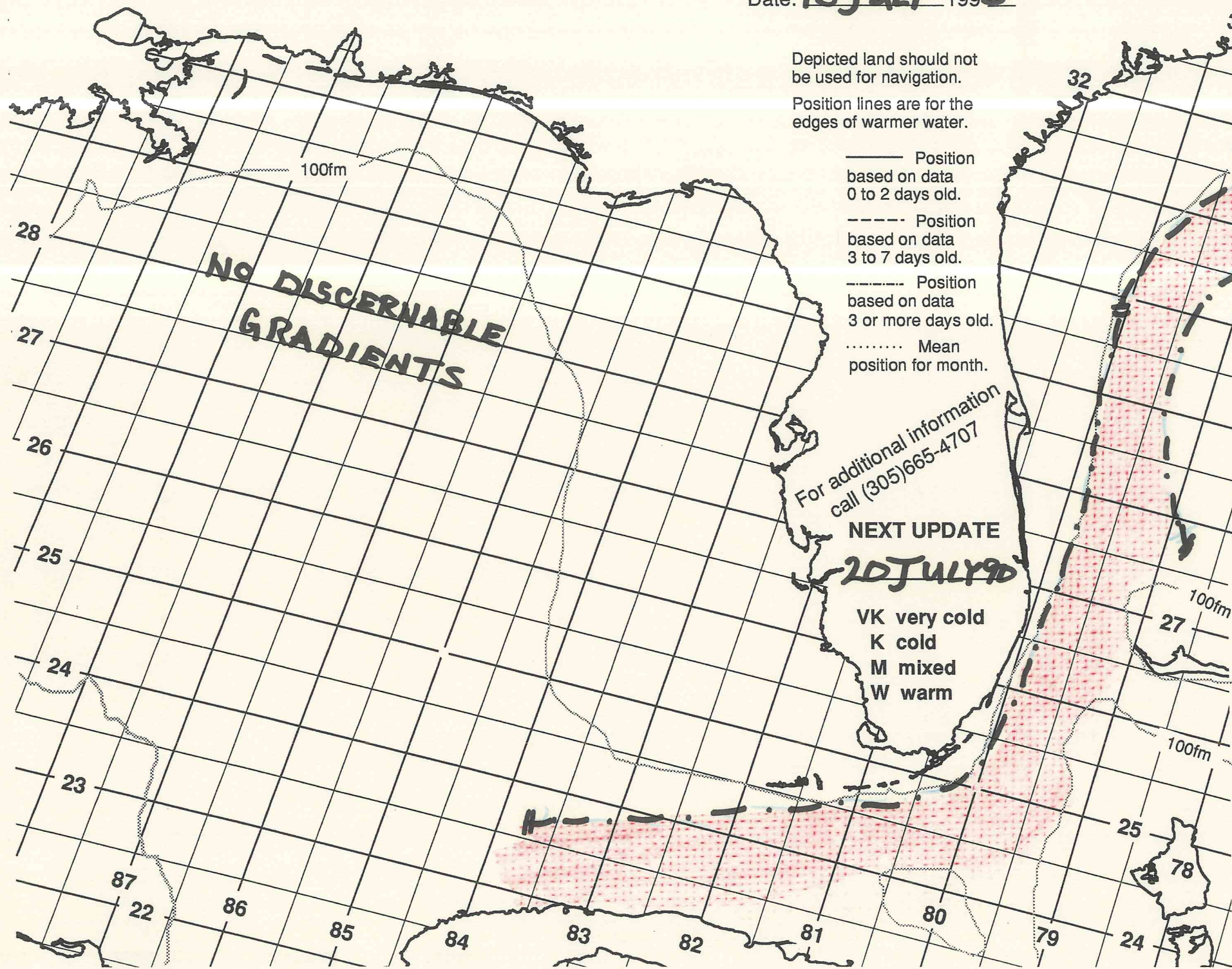
_____ Position
 based on data
 0 to 2 days old.
 ----- Position
 based on data
 3 to 7 days old.
 ----- Position
 based on data
 3 or more days old.
 Mean
 position for month.

For additional information
call (305)665-4707

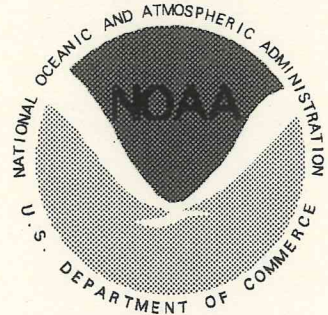
NEXT UPDATE

-20 JULY 90

VK very cold
K cold
M mixed
W warm

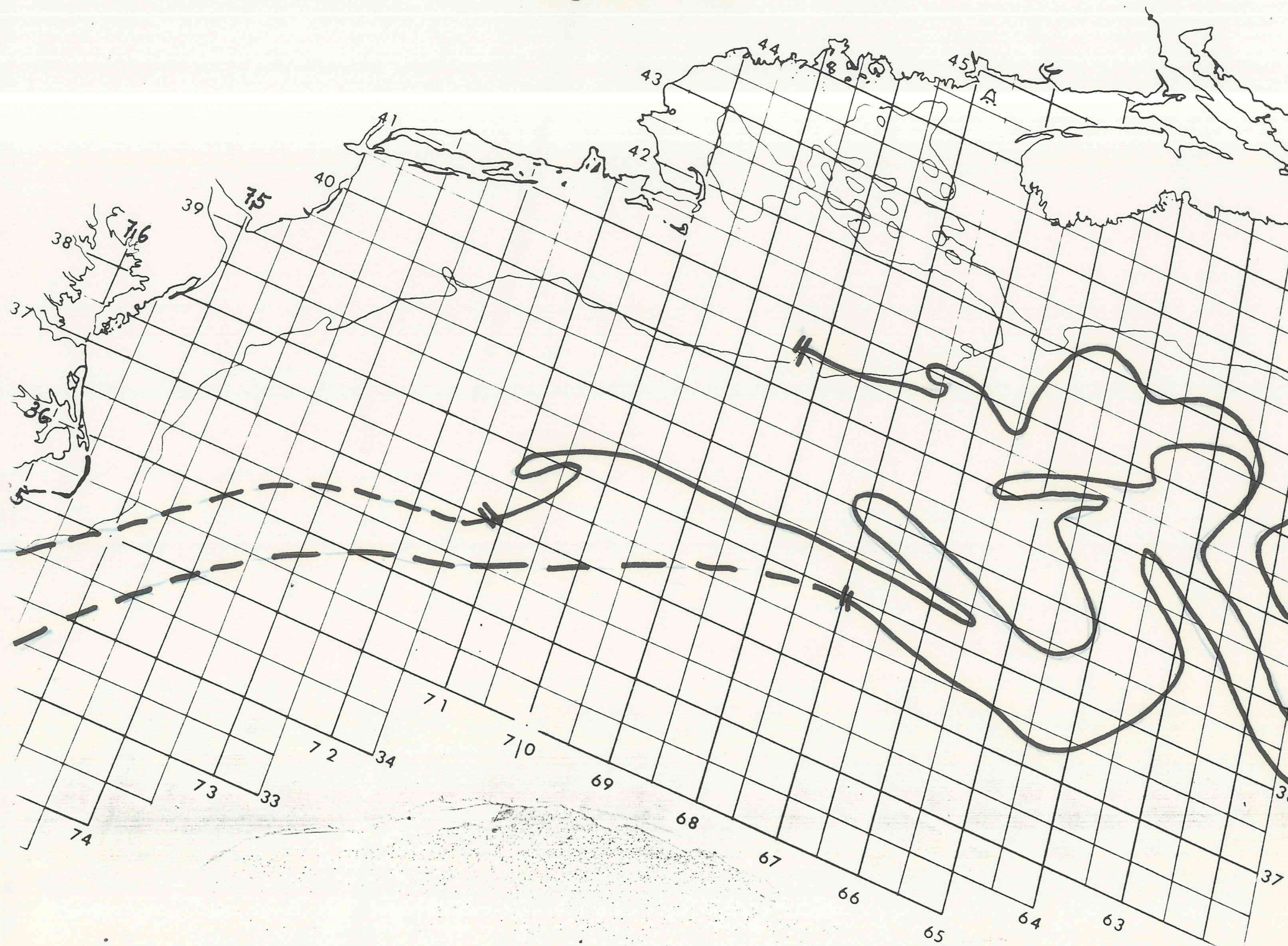


LOOP CURRENT BULLETIN



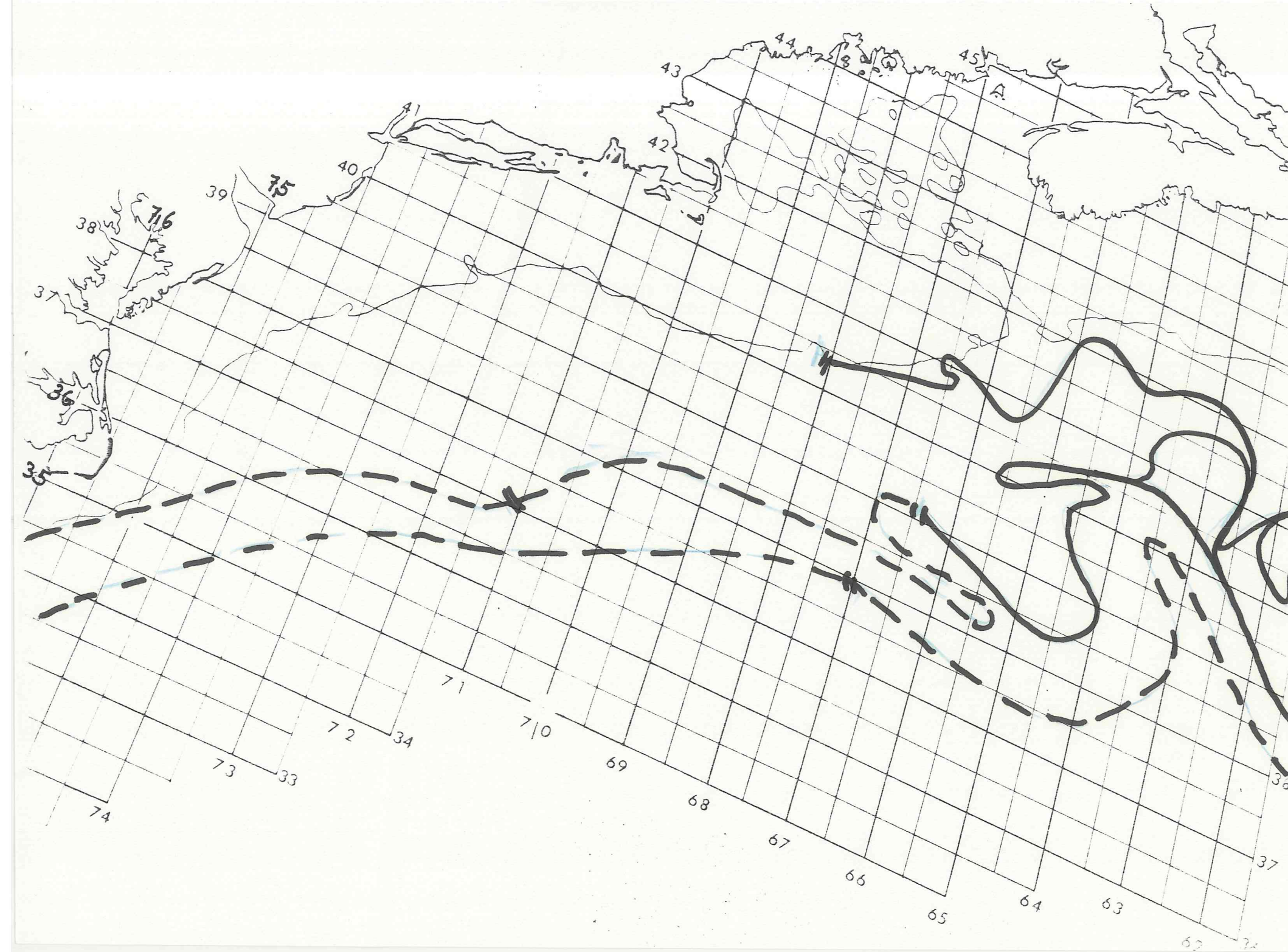
MIAMI SFSS ANALYSIS OF THE GULF STREAM: 18 JULY 1990

PART B



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 20 JULY 1990

PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: **20 JULY 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

23 JULY 90

VK very cold
K cold
M mixed
W warm

NORTHWARD SPEED (kts)

5.0
4.0
3.0
2.0
1.0
0.0

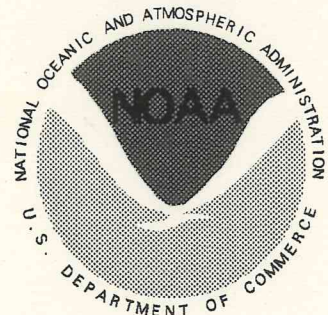
AVG = 2.9 Kts

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

DISTANCE OFFSHORE (n.mi.)

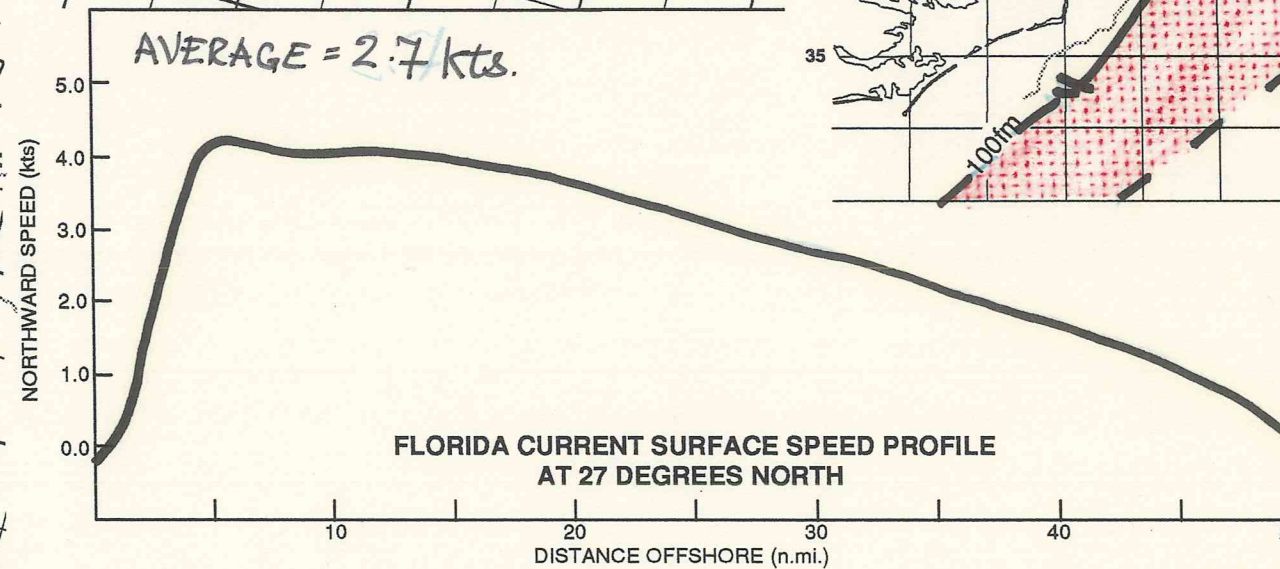
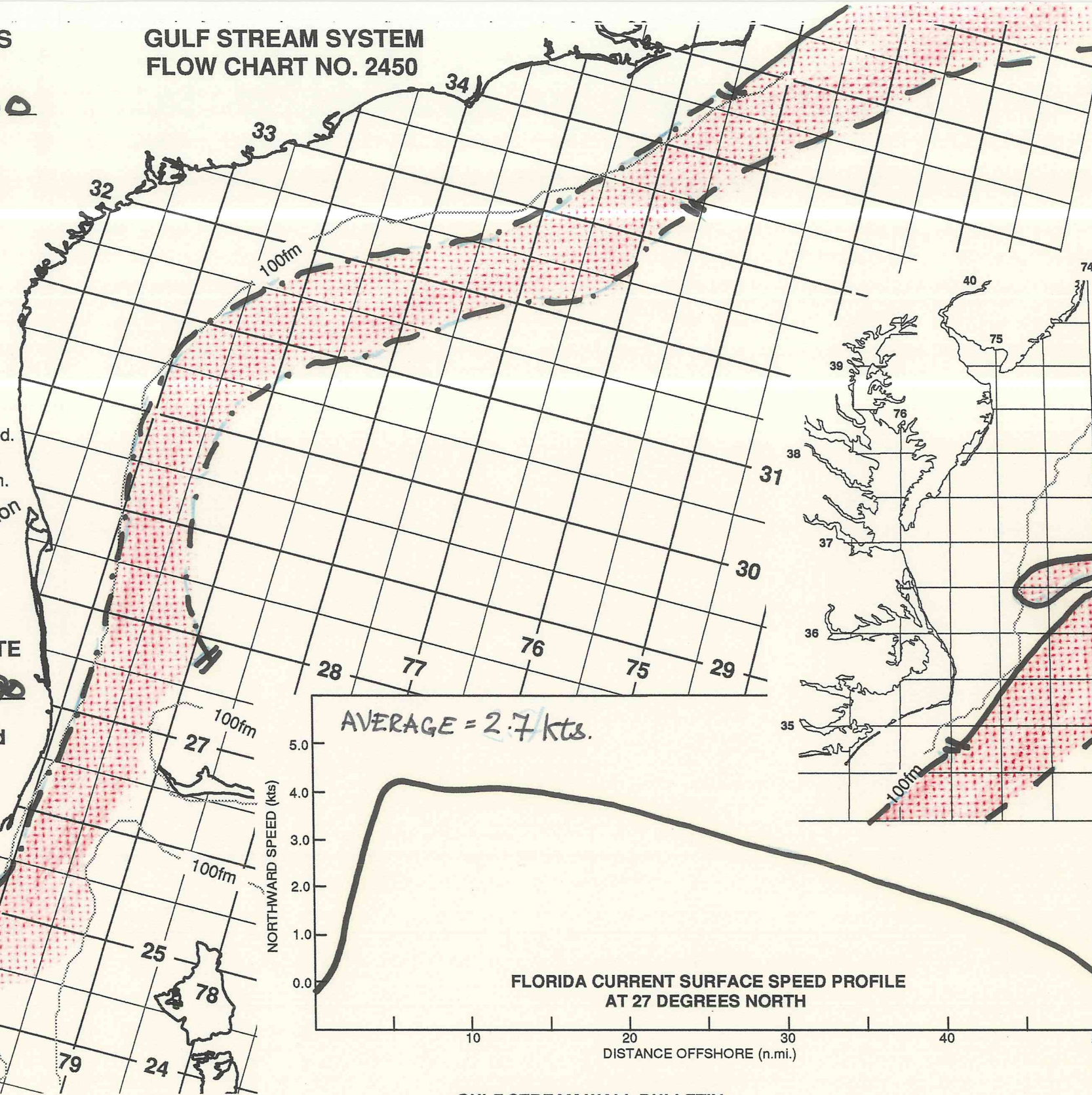
GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN

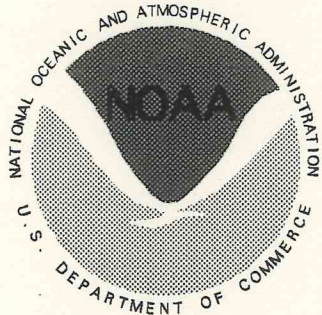


**GULF STREAM SYSTEM
FLOW CHART NO. 2450**

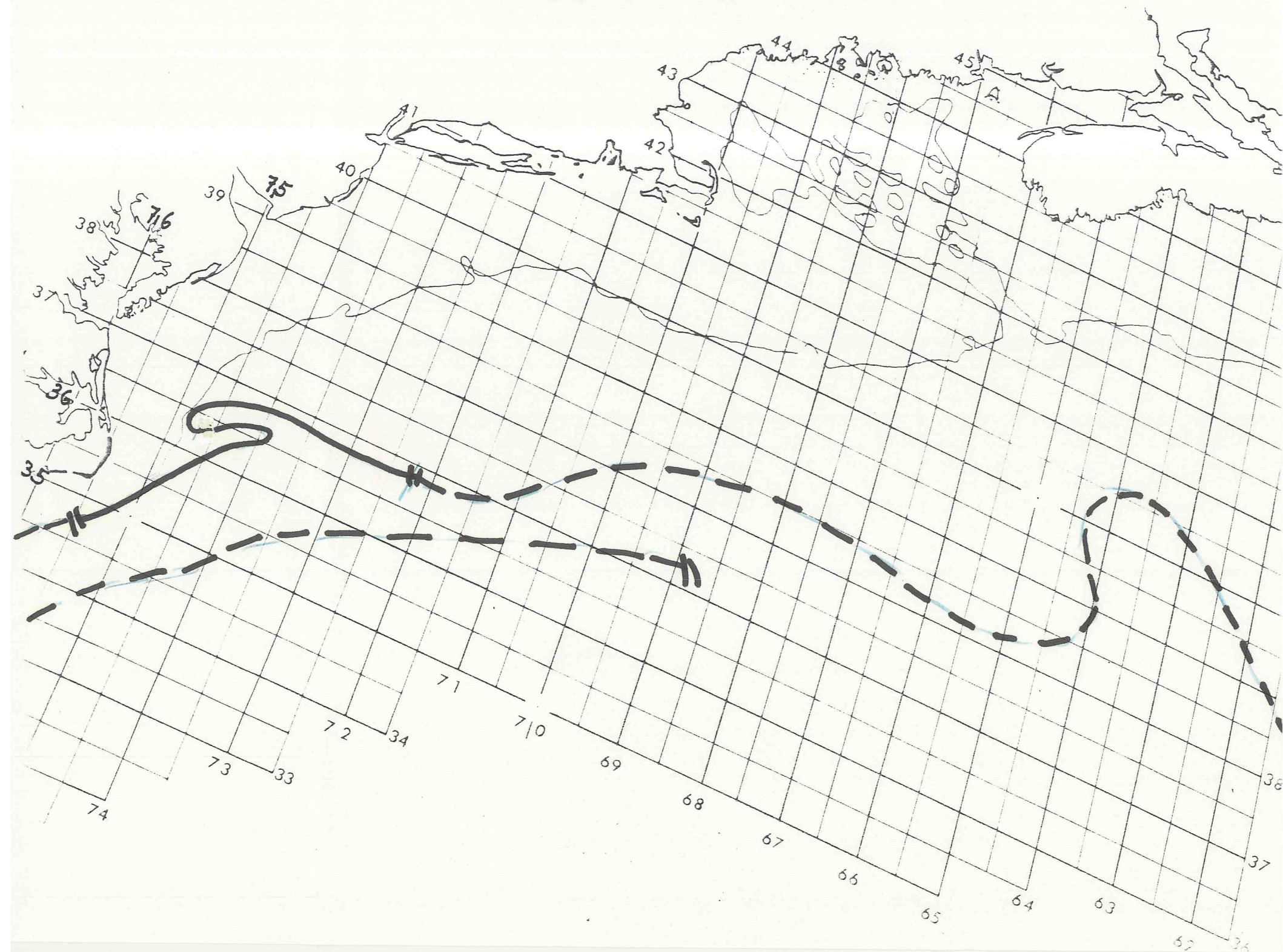
VK very cold
K cold
M mixed
W warm



LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: **23 JULY** 1990 PART B



GULF STREAM SYSTEM
FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM
FLOW CHART NO. 2450

Date: 25 JULY 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
27 JULY 90

VK very cold
K cold
M mixed
W warm

NORTHWARD SPEED (kts)

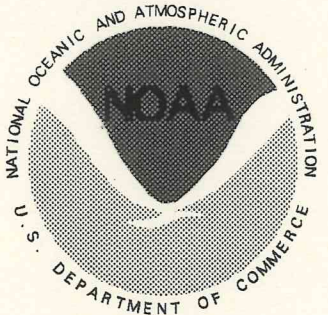
AVERAGE = 2.9 Kts

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

DISTANCE OFFSHORE (n.mi.)

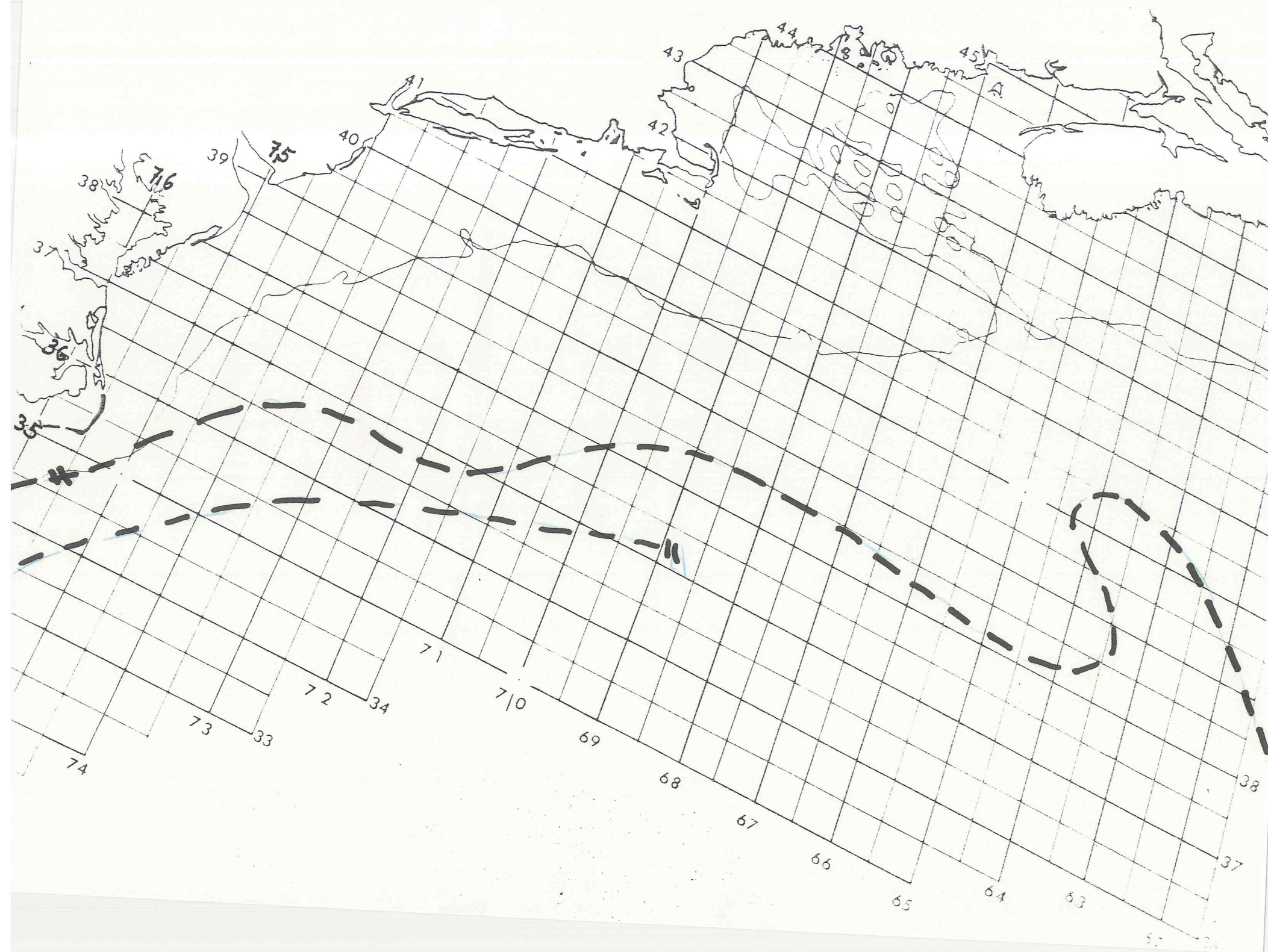
GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 25 JULY 1990

PART B



GULF STREAM SYSTEM
FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM
FLOW CHART NO. 2450

Date: 27 JULY 1990

Depicted land should not
be used for navigation.

Position lines are for the
edges of warmer water.

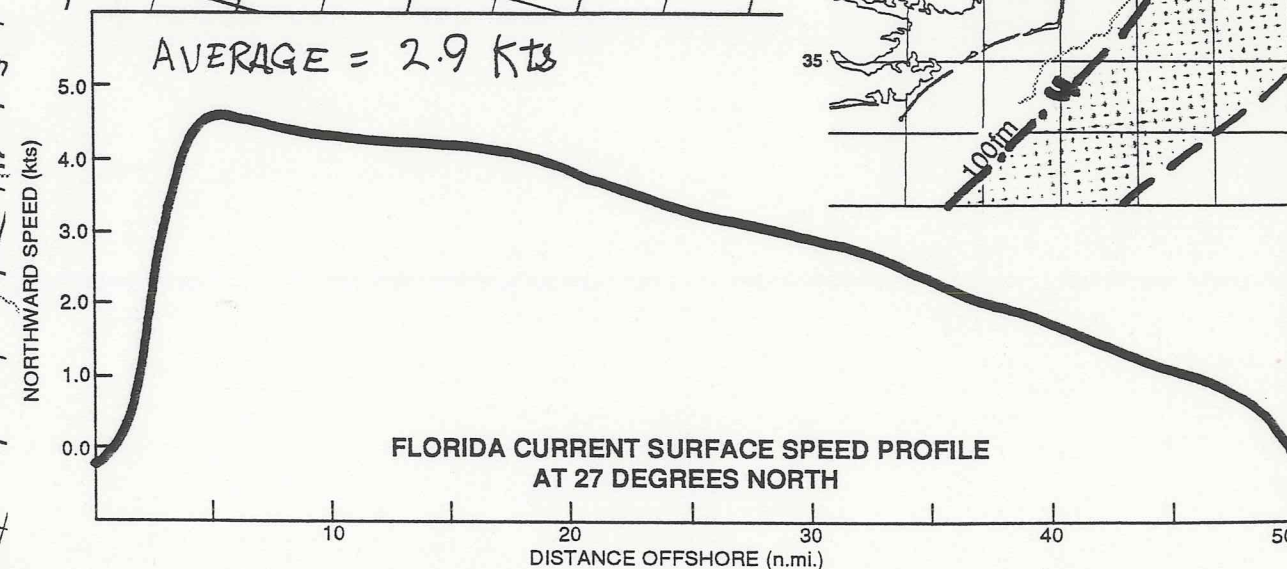
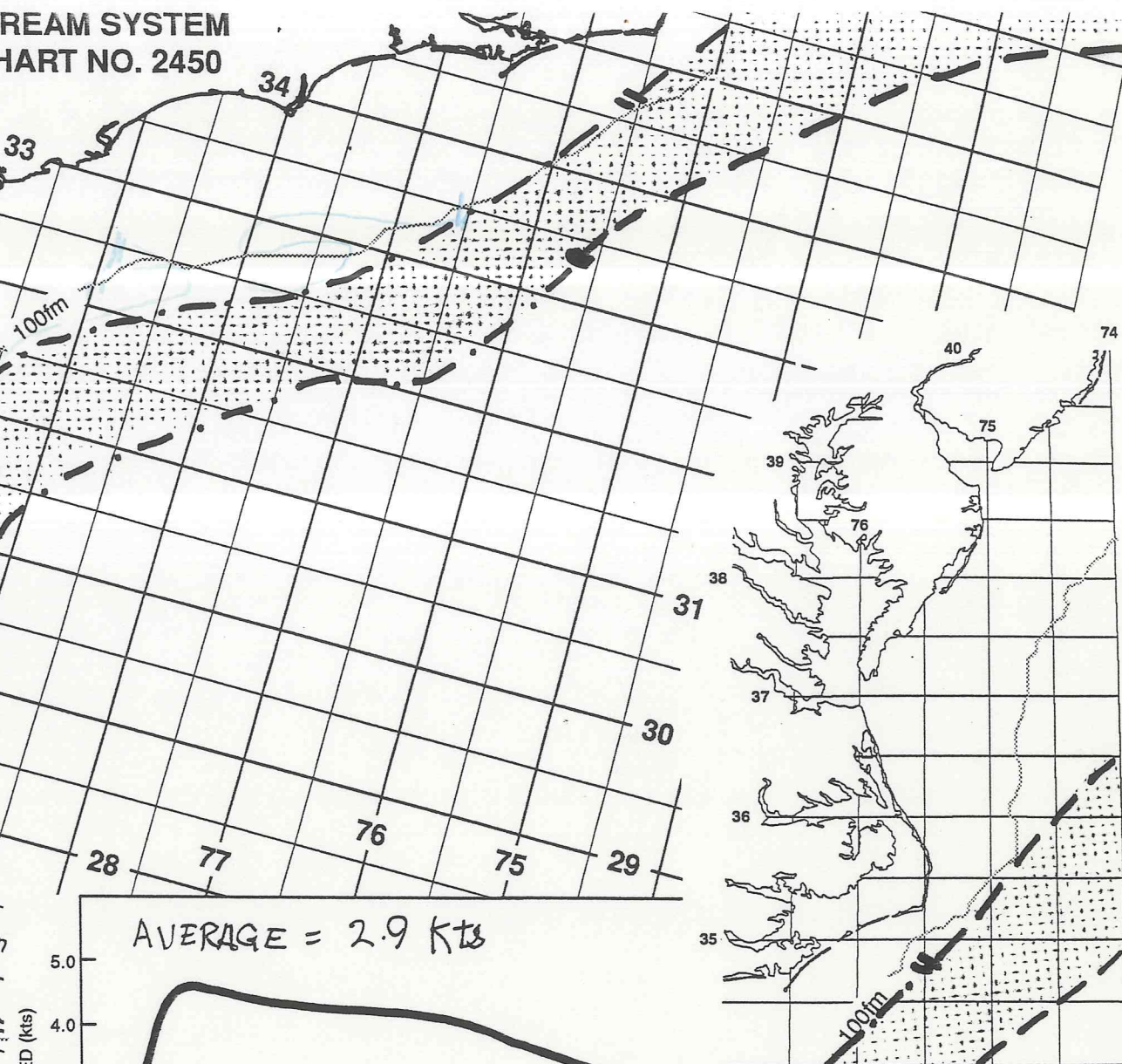
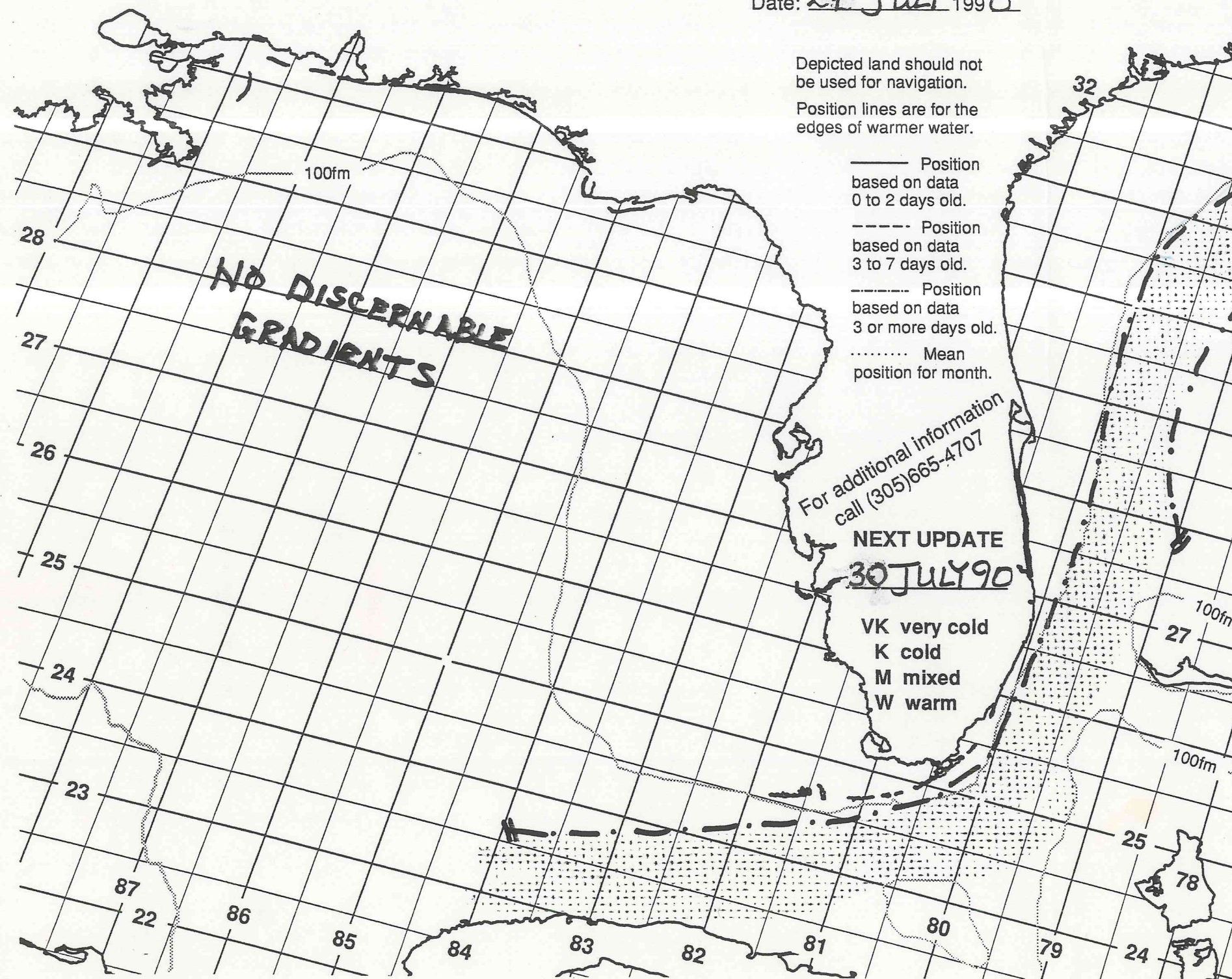
- Position
based on data
0 to 2 days old.
- Position
based on data
3 to 7 days old.
- Position
based on data
3 or more days old.
- Mean
position for month.

For additional information
call (305)665-4707

NEXT UPDATE
30 JULY 90

VK very cold
K cold
M mixed
W warm

NO DISCERNABLE
GRADIENTS

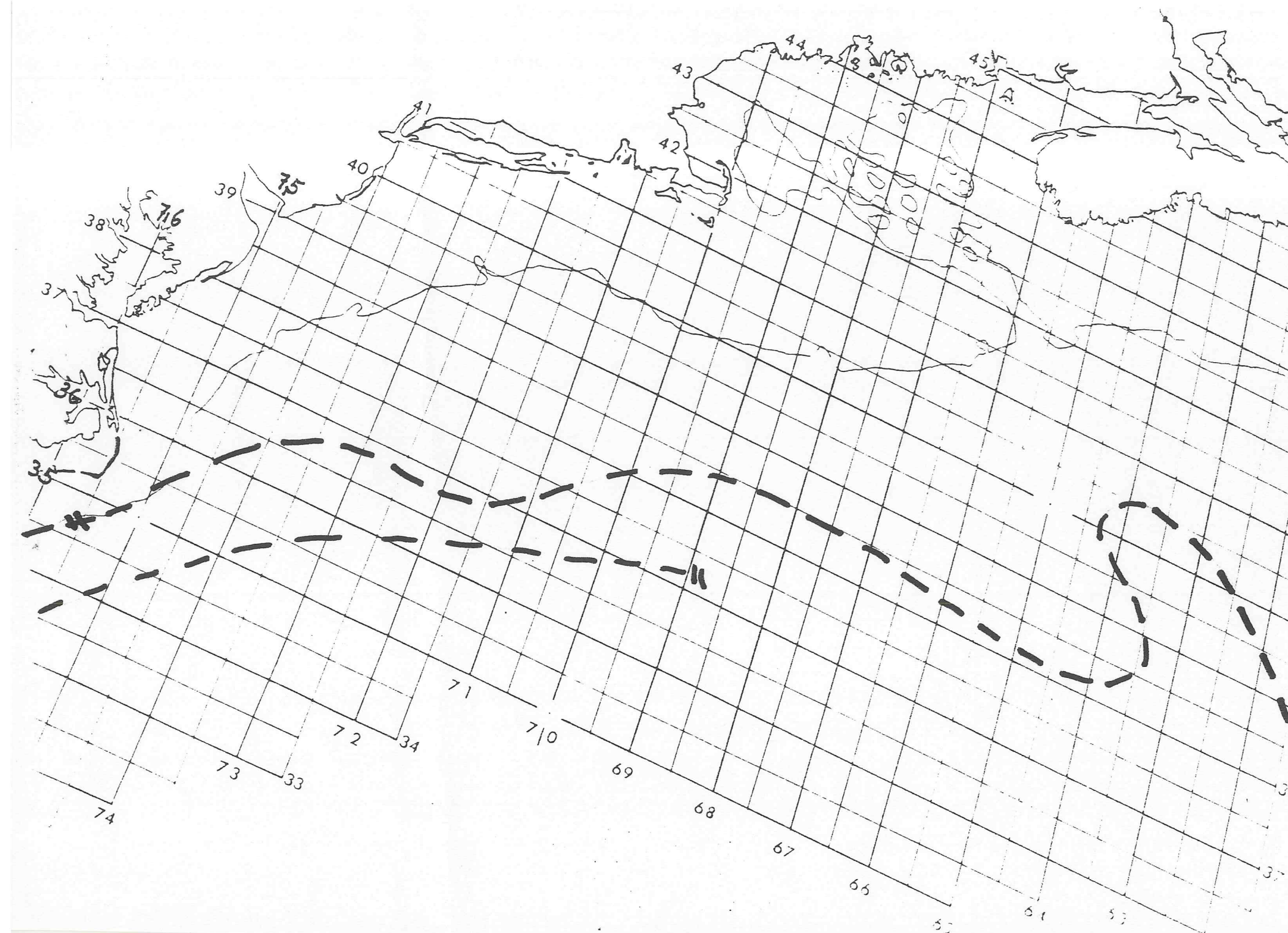


GULF STREAM WALL BULLETIN

LOOP CURRENT BULLETIN



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 27 JULY 1990 PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: **30 JULY 1990**

Depicted land should not
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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

01 AUG 90

VK very cold
K cold
M mixed
W warm

NORTHWARD SPEED (kts)

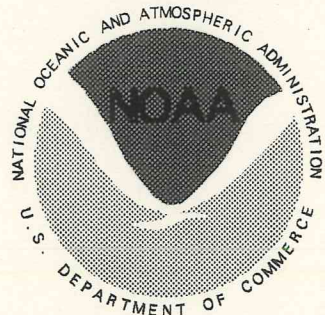
AVERAGE = 2.6 kts.

**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: 30 JULY 1990

PART B

