

Date: 01 JULY 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

(——) Position based on data 0 to 3 days old.

(- - - -) Position based on data 4 to 7 days old.

(- . . . -) Position based on data 8 days or more old.

(. . . .) Mean position for month.

VK very cold  
K cold  
M mixed  
W warm

For additional information  
call (305) 665-4707  
FTS 350-4310

NEXT  
UPDATE  
03 JUL 81

270800 286800 296802 310799 316790  
320780 332765 341754 360738 367724  
378714 375694 379689 391682 36  
391672 395662 395657 376651  
380643 389639 402627  
388618 389614/AR

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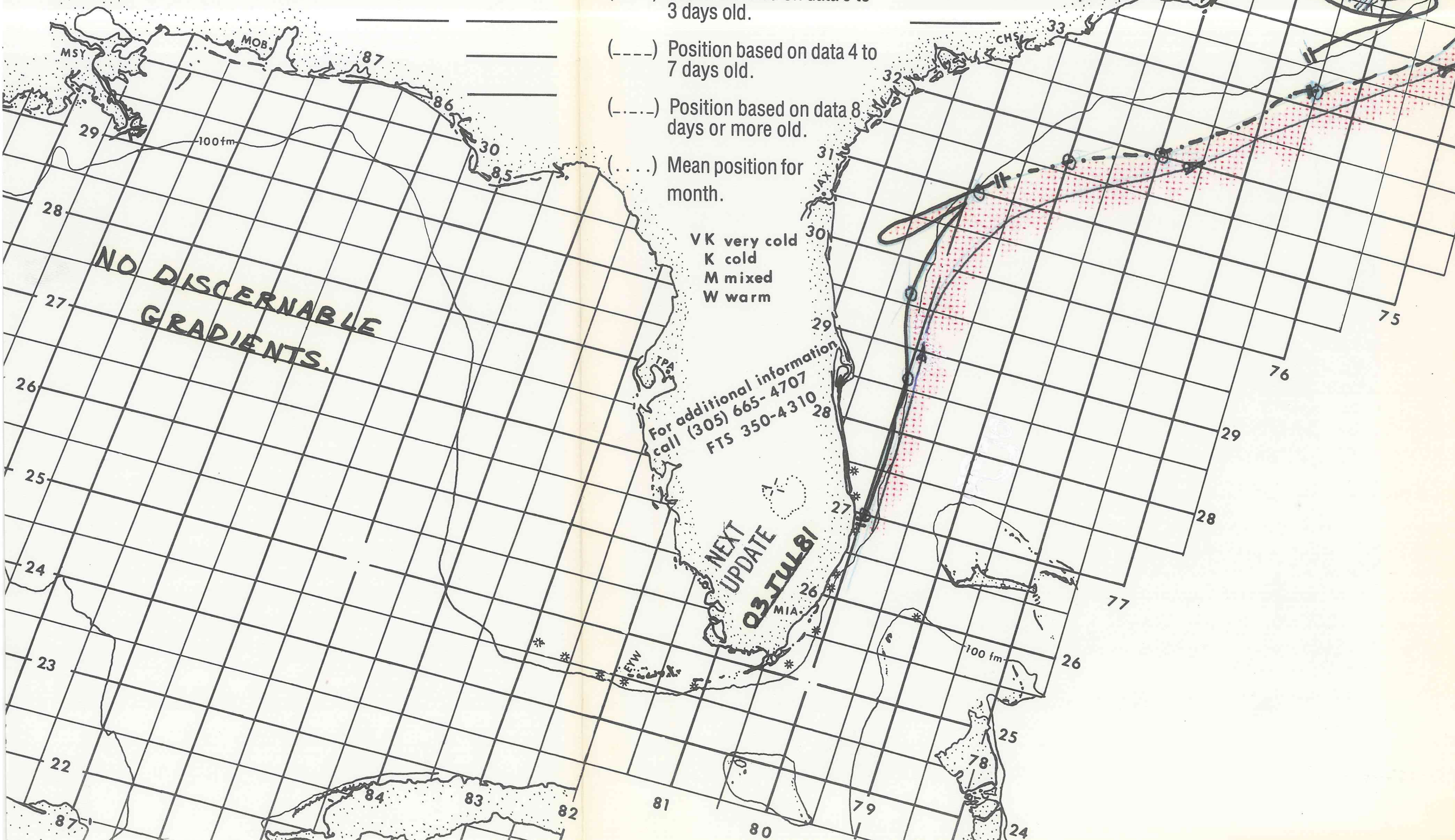
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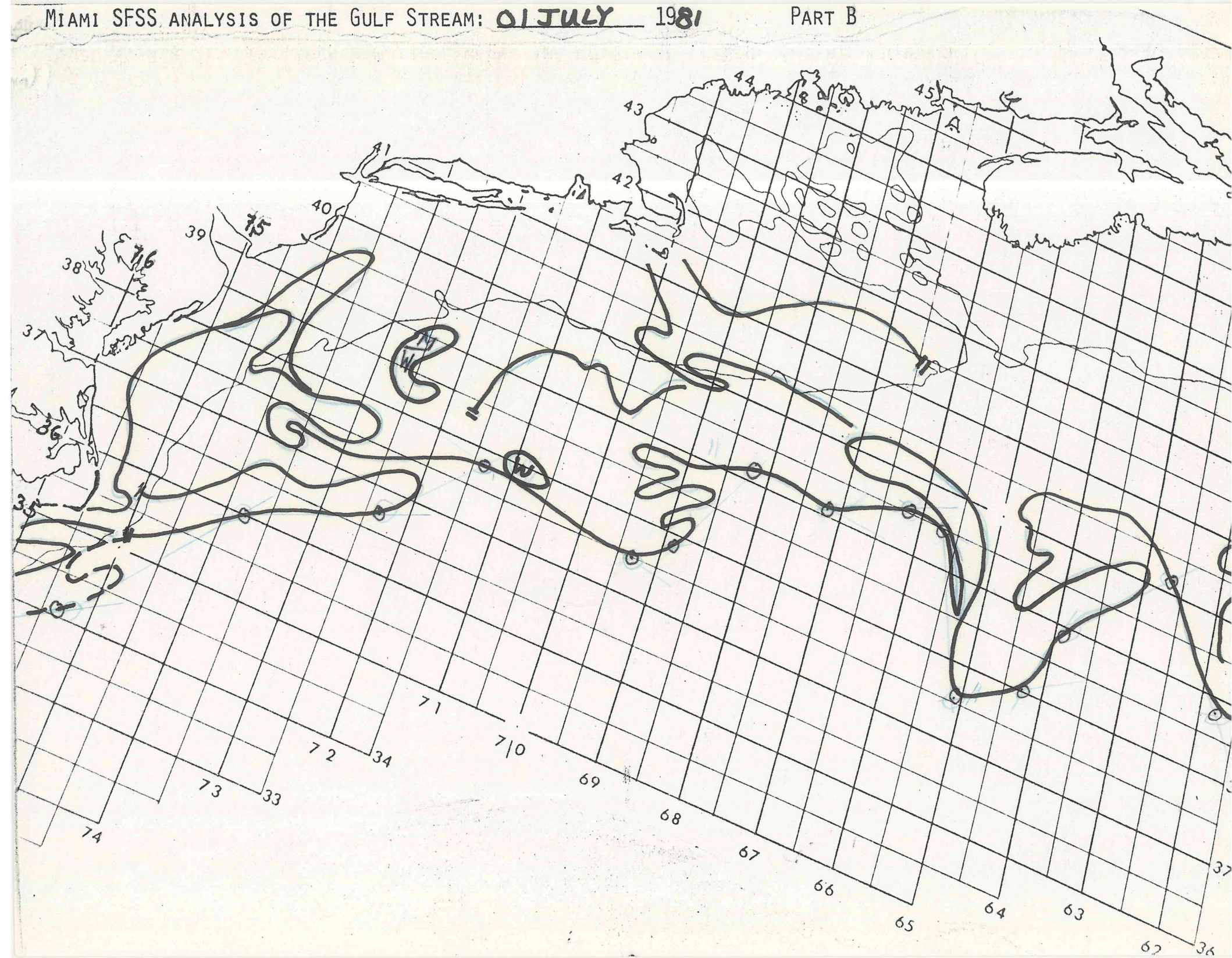
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MIAMI SFSS ANALYSIS OF THE GULF STREAM: 01 JULY 1981 PART B



06 JUL 1981 Rec'd  
JCP

SEA SURFACE THERMAL ANALYSIS  
NOAA WASHINGTON SFSS  
DATE: 1 JULY 1981

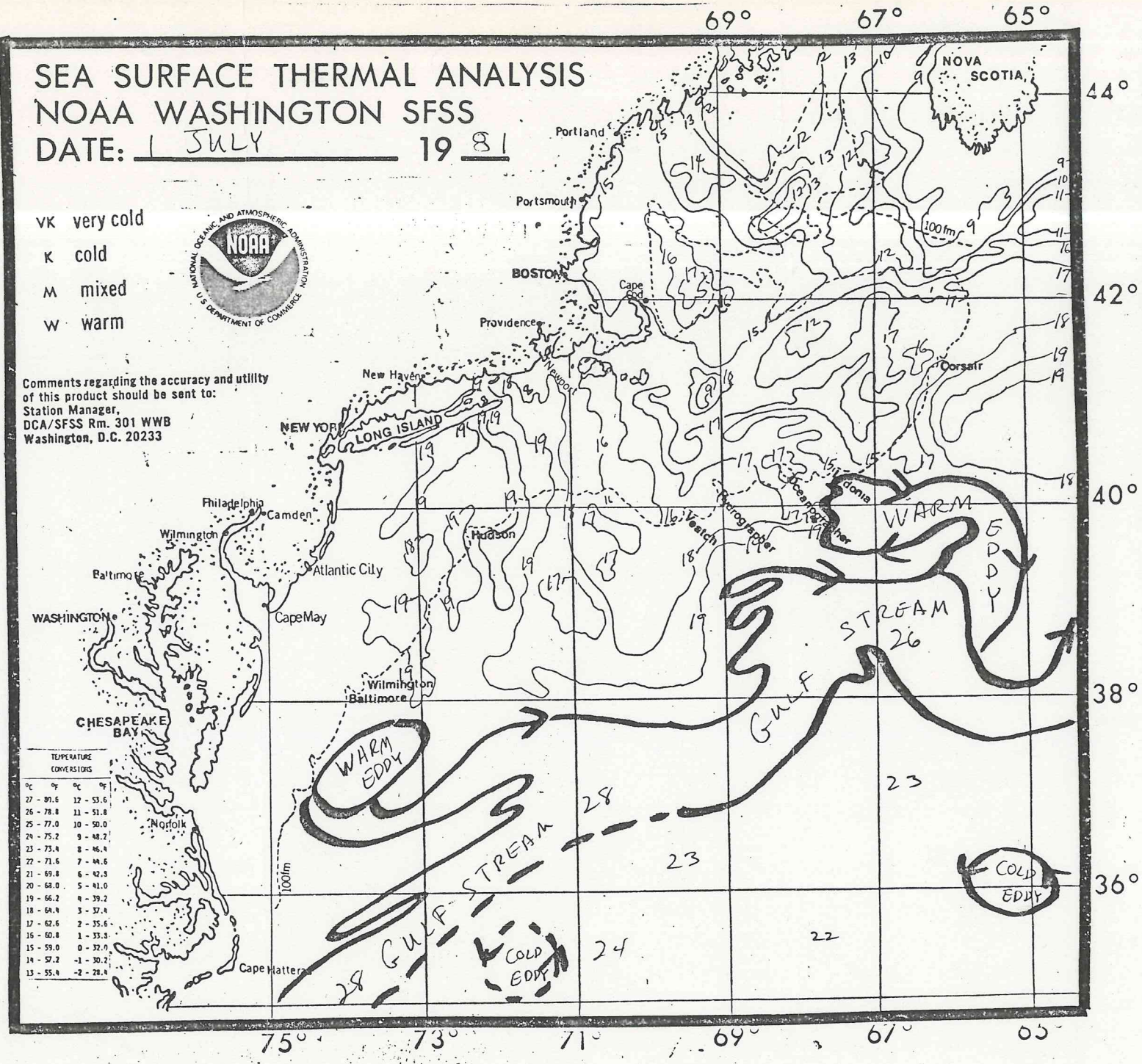
- VK very cold
- K cold
- M mixed
- W warm



Comments regarding the accuracy and utility of this product should be sent to:  
Station Manager,  
DCA/SFSS Rm. 301 WWB  
Washington, D.C. 20233

TEMPERATURE CONVERSIONS

°C	°F	°C	°F
27	80.6	12	53.6
26	78.8	11	51.8
25	77.0	10	50.0
24	75.2	9	48.2
23	73.4	8	46.4
22	71.6	7	44.6
21	69.8	6	42.8
20	68.0	5	41.0
19	66.2	4	39.2
18	64.4	3	37.4
17	62.6	2	35.6
16	60.8	1	33.8
15	59.0	0	32.0
14	57.2	-1	30.2
13	55.4	-2	28.4



44°  
42°  
40°  
38°  
36°

75° 73° 71° 69° 67° 65°

Date: 03 JULY 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) Position based on data 0 to 3 days old.
- (- - - -) Position based on data 4 to 7 days old.
- (- · - · -) Position based on data 8 days or more old.
- (· · · ·) Mean position for month.

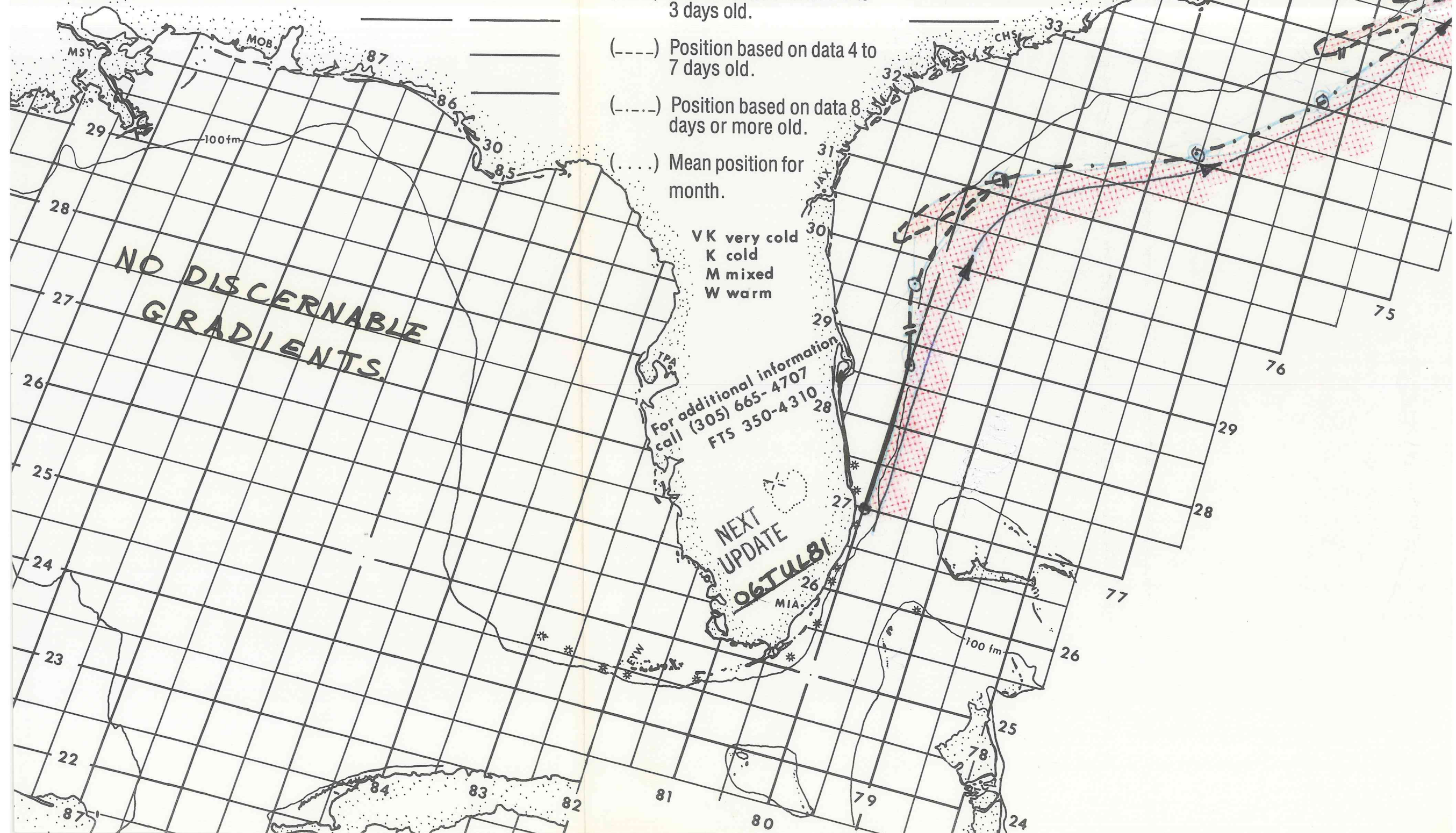
270800 288800 297802 312797 321775  
331764 349751 364734 366727 379712  
375695 377689 392682 391672 36  
390653 377651 381642 392637  
400626 393619 // 812

VK very cold  
 K cold  
 M mixed  
 W warm

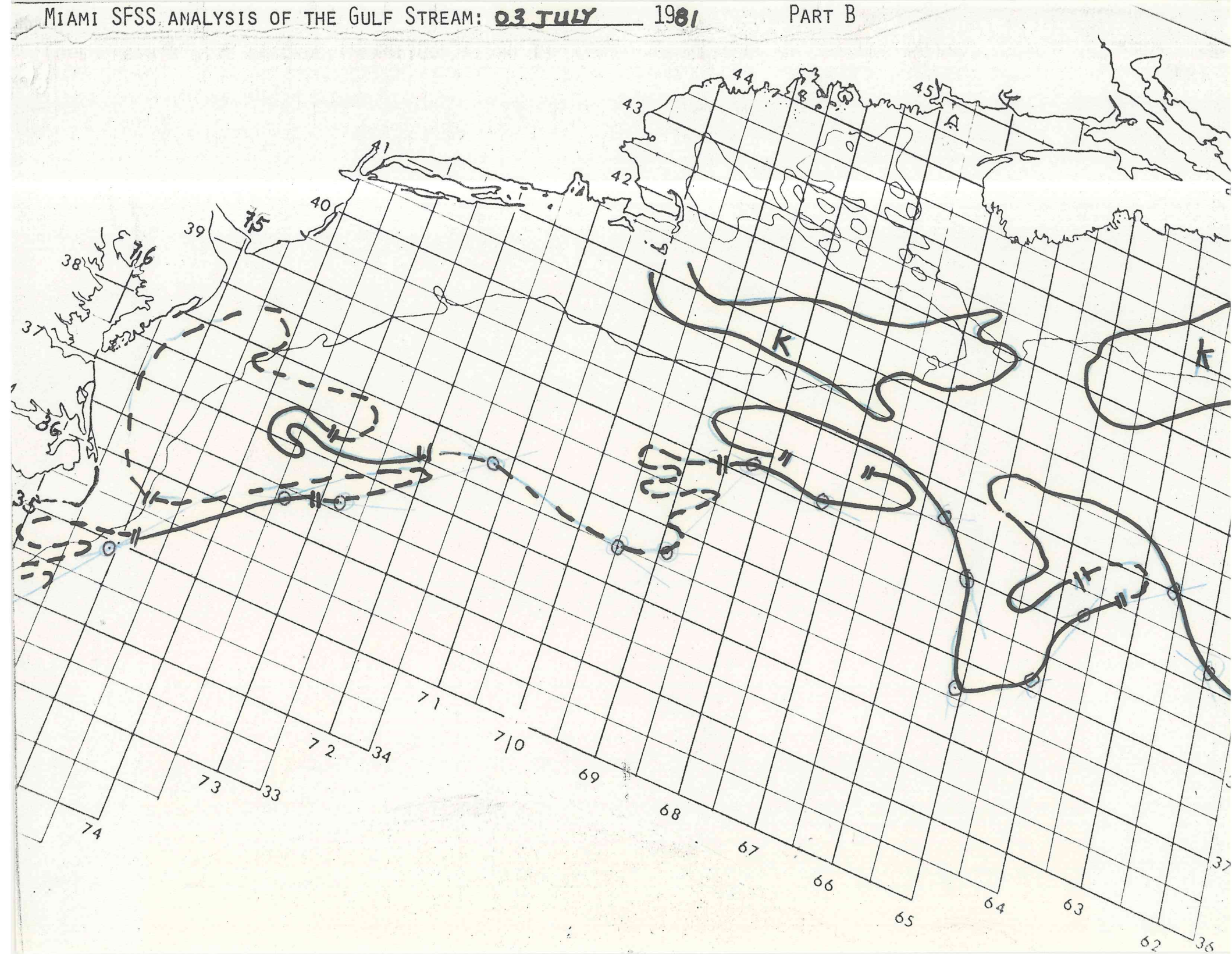
For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT  
 UPDATE  
06 JUL 81

NO DISCERNABLE  
 GRADIENTS.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 03 JULY 1981 PART B



NNNN

.8117..81

29700 KNHC 031517

PRODUCT DESIGNATOR 0

081539

ZCZC

TBXX40 KMIA 031515

MIAADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

03 JUL 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD  
EDGE OF THE WARMER WATER....

.....NO DISCERNABLE GRADIENTS.....

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...

D88/ M/M/29. E80/ M/M/29. F62/ M/M/29. G50/ M/M/29. H24/ M/M/29.  
I29/ M/M/29. J15/ M/M/29. K10/ M/M/29.

DATA FOR D THROUGH F ARE FROM 01 JULY 1981...REMAINDER ARE CURRENT.

BAIG

NNNN

.819-->.81

Date: 06 JULY 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) Position based on data 0 to 3 days old.
- (- - - -) Position based on data 4 to 7 days old.
- (- · - · -) Position based on data 8 days or more old.
- (· · · ·) Mean position for month.

270800 280799 304801 312795 320777  
329765 349751 362736 365730 377713  
378707 375695 377688 390675 36  
394655 389652 379651 378645  
390639 396633 392616 // ~~918~~ 35



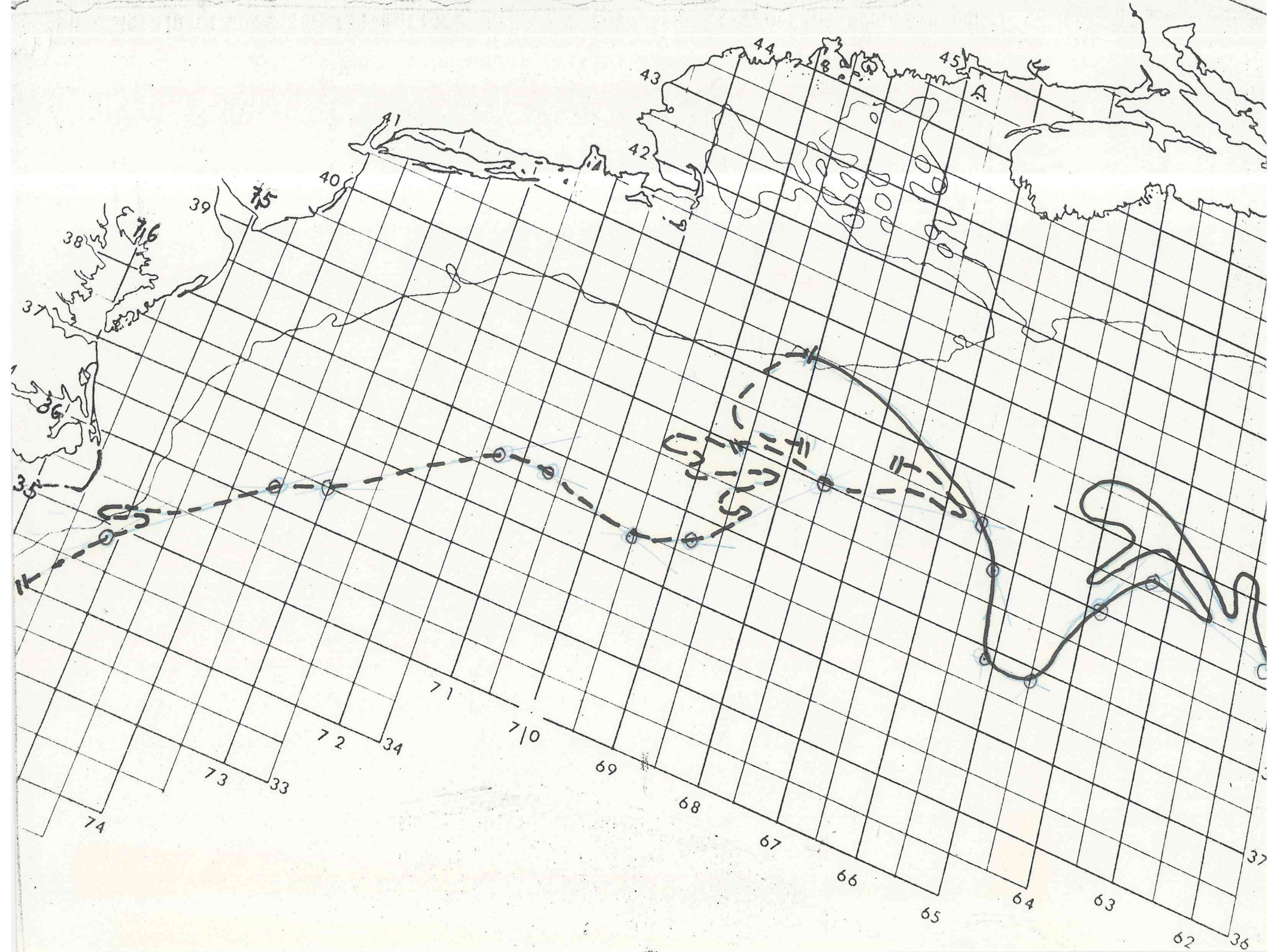
NO DISCERNABLE GRADIENTS

VK very cold  
 K cold  
 M mixed  
 W warm

For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT UPDATE  
 OCTUBER 1981

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 06 JULY 1981 PART B





NNNNJA  
ZCZC WBC581  
SXNT1 KWBC 062030  
GULF STREAM LOCATION + THE LINE DESCRIBED BY THE FOLLOWING  
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/80.0 28.0/79.9 30.4/80.1 31.2/79.5  
32.0/77.1 32.9/76.5 34.9/75.1 36.0/73.0  
37.7/71.3 38.2/70.0 37.9/68.8 39.1/67.5  
39.0/66.0 38.0/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES  
SEAWARD OF THIS LINE.

COLD EDDIES 35.9/66.0/50 NMI DPAM 36.2/62.9/60 NMI DIAM.

WARM EDDIES 40.4/60.7/80 NMI DIAM 40.8/53.7/130 NMI DPAM. 50.3/42.6/  
50 NMI DPAM.

LATEST SATELLITE DATA 7/6/81 AT 1200Z

Date: 08 JULY 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

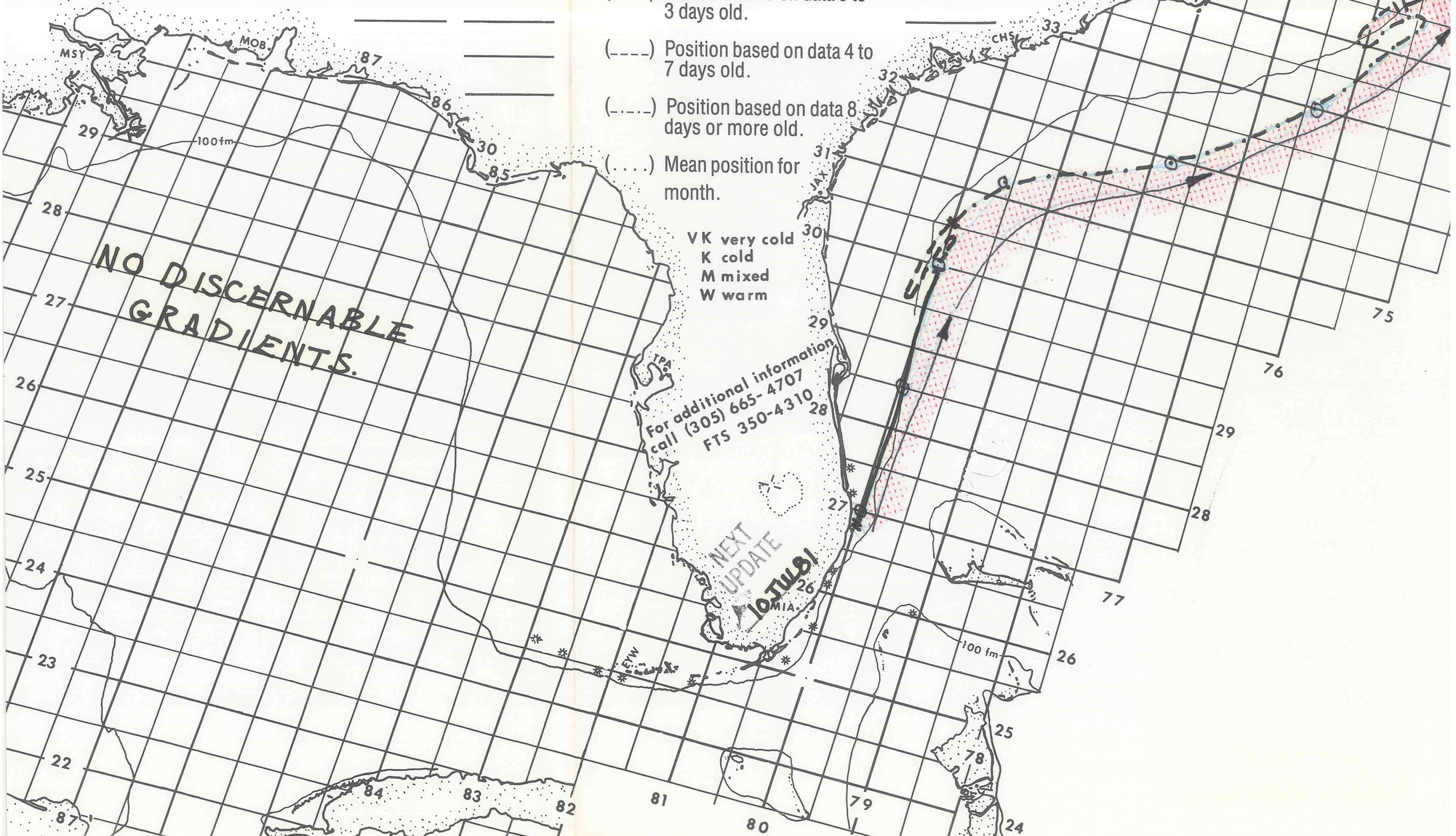
- (——) Position based on data 0 to 3 days old.
- (- - - -) Position based on data 4 to 7 days old.
- (- . . . -) Position based on data 8 days or more old.
- (. . . .) Mean position for month.

270800 300800 312796 319778 330764  
355746 362738 365723 380702 380696  
379687 380680 395659 388646 36  
386638 403629 399620 814

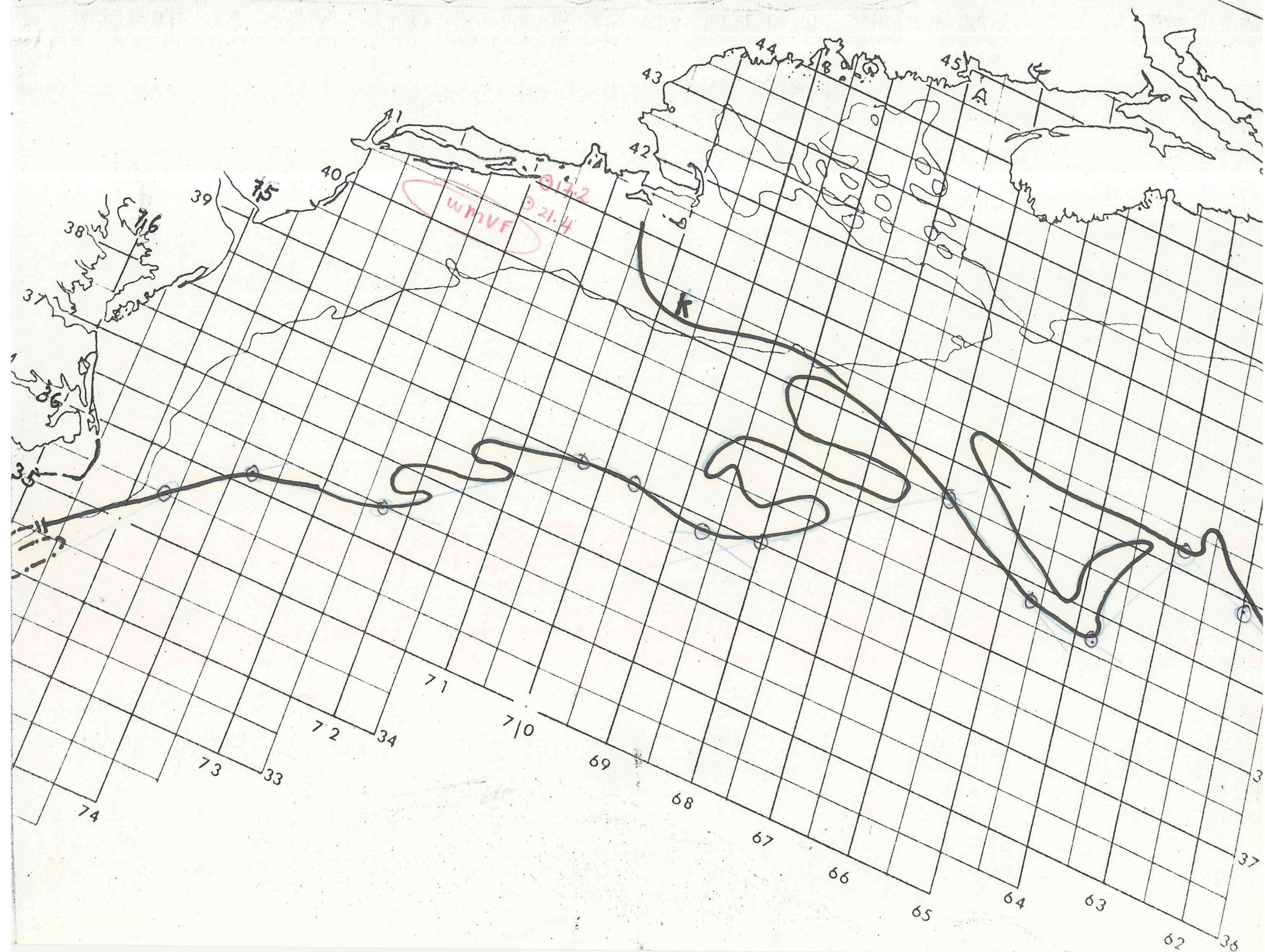
VK very cold  
 K cold  
 M mixed  
 W warm

For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT  
 UPDATE  
 10 JUL 81



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 08 JULY 1981 PART B



NNNN↓↓A  
ZCZC WBC107  
SXNT1 KWBC 081935

GULF STREAM LOCATION + THE LINE DESCRIBED BY THE FOLLOWING  
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/80.0	30.0/80.0	31.2/79.6	31.9/77.8
33.0/76.4	35.5/74.6	36.0/74.0	36.5/72.3
37.0/72.0	37.7/70.0	38.0/68.0	39.0/66.8
39.0/66.0	37.7/65.0		

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES  
SEAWARD OF THIS LINE.

COLD EDDIESO	35.9/66.0/50 NMI. DIAM.	36.2/62.9/60 NMI. DIAM.
WARM EDDIESO	40.4/60.7/80 NMI. DIAM.	40.8/53.7/130 NMI. DIAM.
	50.3/42.6/50 NMI. DIAM.	

LATEST SATELLITE DATAO 7/8/81 1200Z.

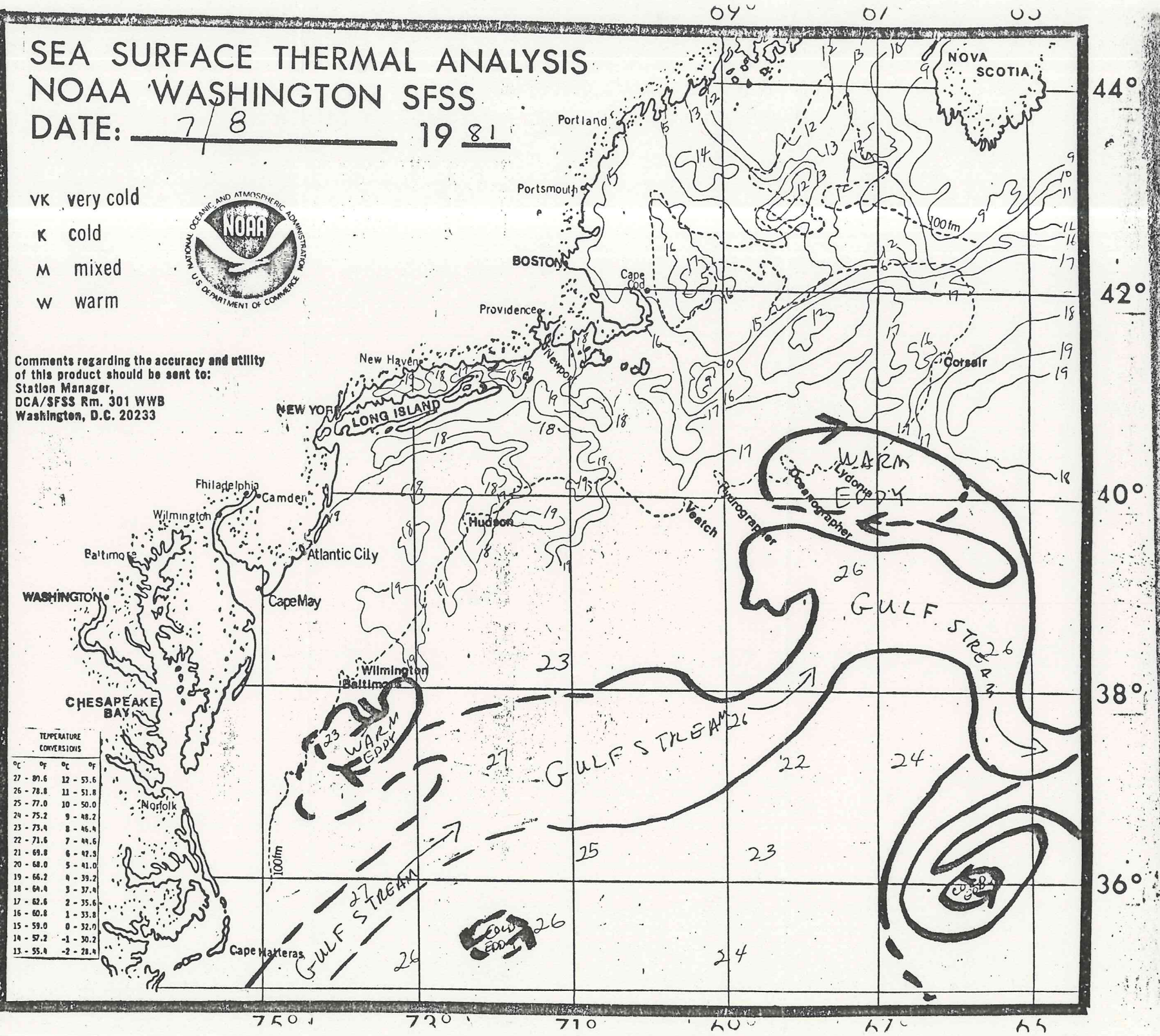
173 JUL 29 Rec'd

# SEA SURFACE THERMAL ANALYSIS NOAA WASHINGTON SFSS DATE: 7/8 1981

- VK very cold
- K cold
- M mixed
- W warm



Comments regarding the accuracy and utility of this product should be sent to:  
Station Manager,  
DCA/SFSS Rm. 301 WWB  
Washington, D.C. 20233



TEMPERATURE CONVERSIONS

°C	°F	°C	°F
27	-81.6	12	-53.6
26	-78.8	11	-51.8
25	-77.0	10	-50.0
24	-75.2	9	-48.2
23	-73.4	8	-46.4
22	-71.6	7	-44.6
21	-69.8	6	-42.8
20	-68.0	5	-41.0
19	-66.2	4	-39.2
18	-64.4	3	-37.4
17	-62.6	2	-35.6
16	-60.8	1	-33.8
15	-59.0	0	-32.0
14	-57.2	-1	-30.2
13	-55.4	-2	-28.4

Date: 10 JULY 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

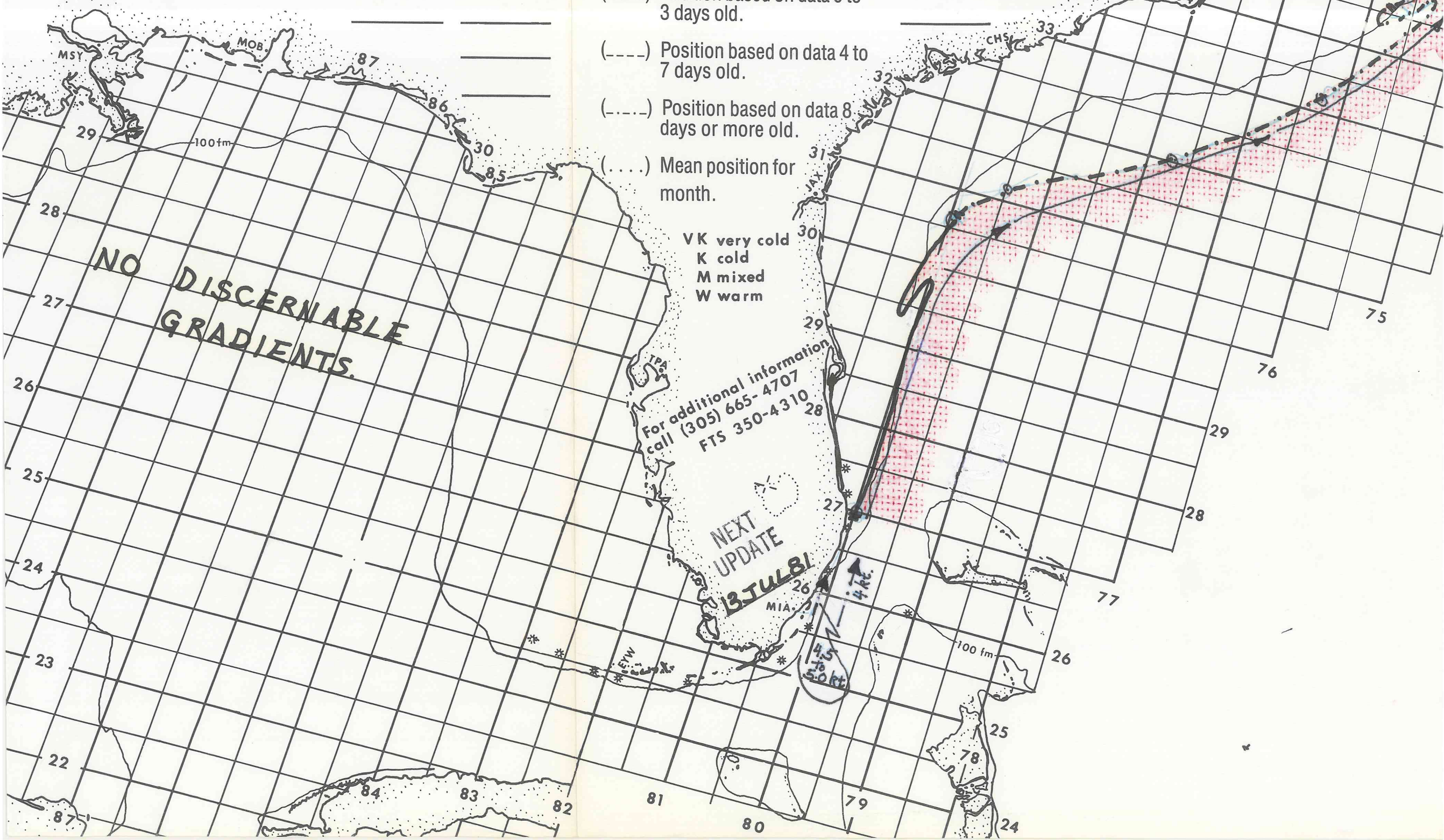
270800 306800 312795 320779 332763  
351750 355743 361737 367720 380702  
380694 379687 380679 384672 36  
397663 388648 382639 388634  
400634 405625 399617 // SLP 35

- (——) Position based on data 0 to 3 days old.
- (- - - -) Position based on data 4 to 7 days old.
- (- . . . -) Position based on data 8 days or more old.
- (. . . .) Mean position for month.

VK very cold  
 K cold  
 M mixed  
 W warm

For additional information  
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 FTS 350-4310

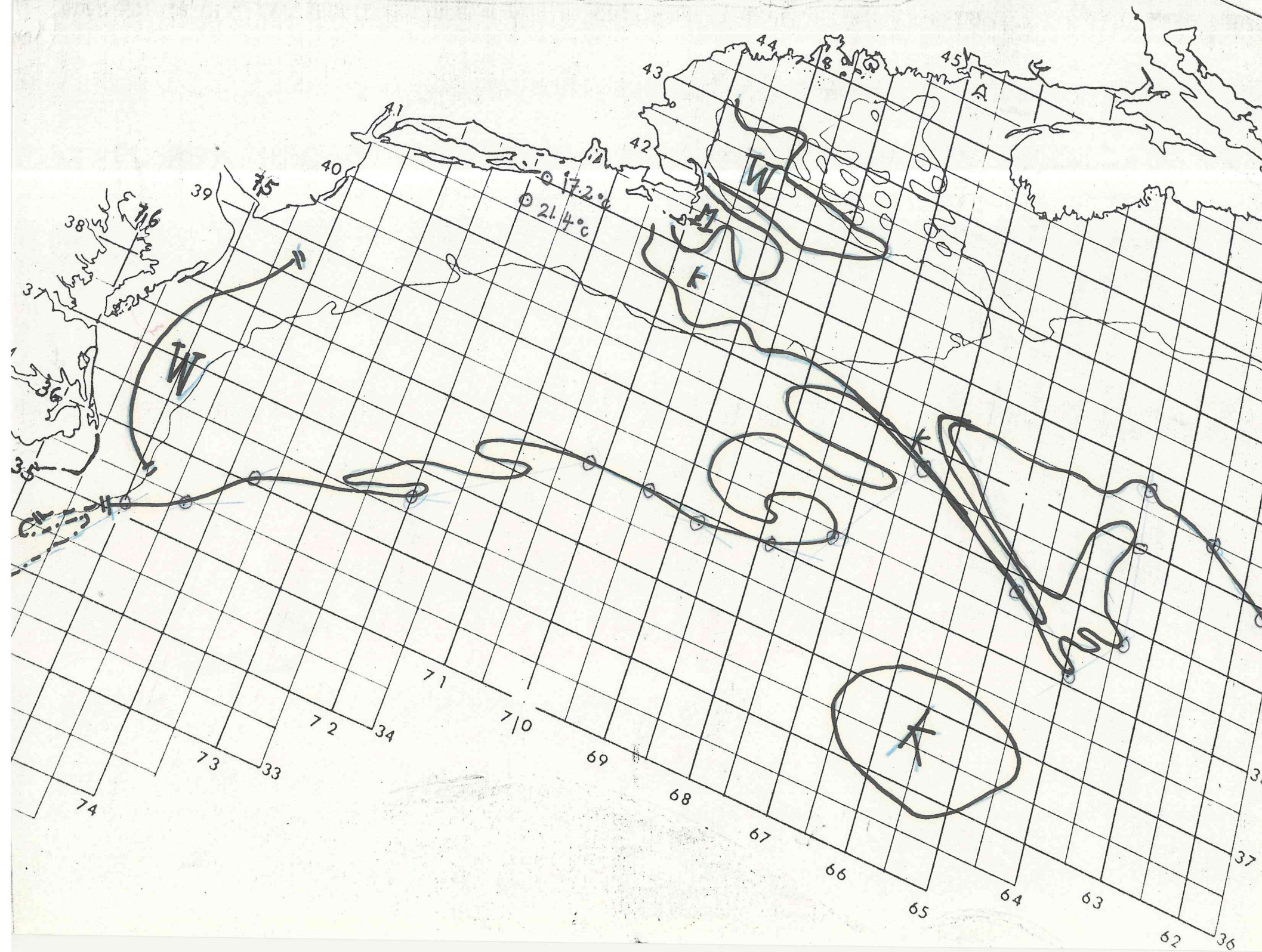
NEXT  
 UPDATE  
**13 JUL 81**



NO DISCERNABLE  
 GRADIENTS.

MIAMI SFSS, ANALYSIS OF THE GULF STREAM: 10 JULY 1981

PART B



NNNNJJA

ZCZC WBC606

SXNTI KWBC 102054

GULF STREAM LOCATION † THE LINE DESCRIBED BY THE FOLLOWING  
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/80.0 30.6/80.0 31.6/79.5 32.0/78.7

32.2/77.6 32.6/77.5 33.8/76.6 35.1/75.1

35.5/74.3 36.1/73.7 36.5/72.0 37.7/70.0

37.8/69.4 38.0/67.2 38.7/65.4 39.6/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12-15 MILES  
SEAWARD OF THIS LINE.

COLD EDDIES 35.9/66.5/60 NMI DIAM 36.1/62.8/60 NMI DIAM

WARM EDDIES 39.9/60.6/80 NMI DIAM 41.0/54.2/130 NMI DIAM

LATEST SATELLITE DATA 7/10/81 AT 1200Z.



ABV

1981 JUL 10 AM 10:19

ZCZC

TEXX40 KMIA 101400

†MIAADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

10 JUL 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD

EDGE OF THE WARMER WATER.....

.....NO DISCERNABLE GRADIENTS.....

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...

D87/ M/M/29. E81/ M/M/29. F75/ M/M/29. G55/ M/M/29. H27/ M/M/29.

I31/ M/M/29. J18/ M/M/29. K10/ M/M/29. N00/52/5/29.

ALL DATA ARE CURRENT.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF  
STREAM BETWEEN F AND G.

NOTE GULFSTREAM FLOW 4.5 TO 5.0 KT AT N...AND UP TO 4 KT 15 TO 20  
NM SEAWARD OF N.

BAIG

NNNN ↓

TT  
ZCZC

TRXX40 KNIA 101400

MIAMI SFSS

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

10 JUL 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD  
EDGE OF THE WARMER WATER....

.....NO DISCERNABLE GRADIENTS.....

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...

D87/ N/N/29. E81/ N/N/29. F75/ N/N/29. G55/ N/N/29. H27/ N/N/29.

I31/ N/N/29. J18/ N/N/29. K10/ N/N/29. N00/52/5/29.

ALL DATA ARE CURRENT.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF  
STREAM BETWEEN F AND G.

NOTE GULFSTREAM FLOW 4.5 TO 5.0 KT AT N...AND UP TO 4 KT 15 TO 20  
NM SEWARD OF N.

BT

NNNN

1981 JUL 10 AM 10:20

Date: 13 JULY 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

270800 296800 307796 317786 320779  
324774 333770 341756 355747 361737  
365724 368717 375711 380694 36  
379687 383650 381637 381630

(——) Position based on data 0 to 3 days old.

(- - - -) Position based on data 4 to 7 days old.

(- . . . -) Position based on data 8 days or more old.

(. . . .) Mean position for month.

VK very cold  
 K cold  
 M mixed  
 W warm

For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT  
 UPDATE  
 15 JUL 81

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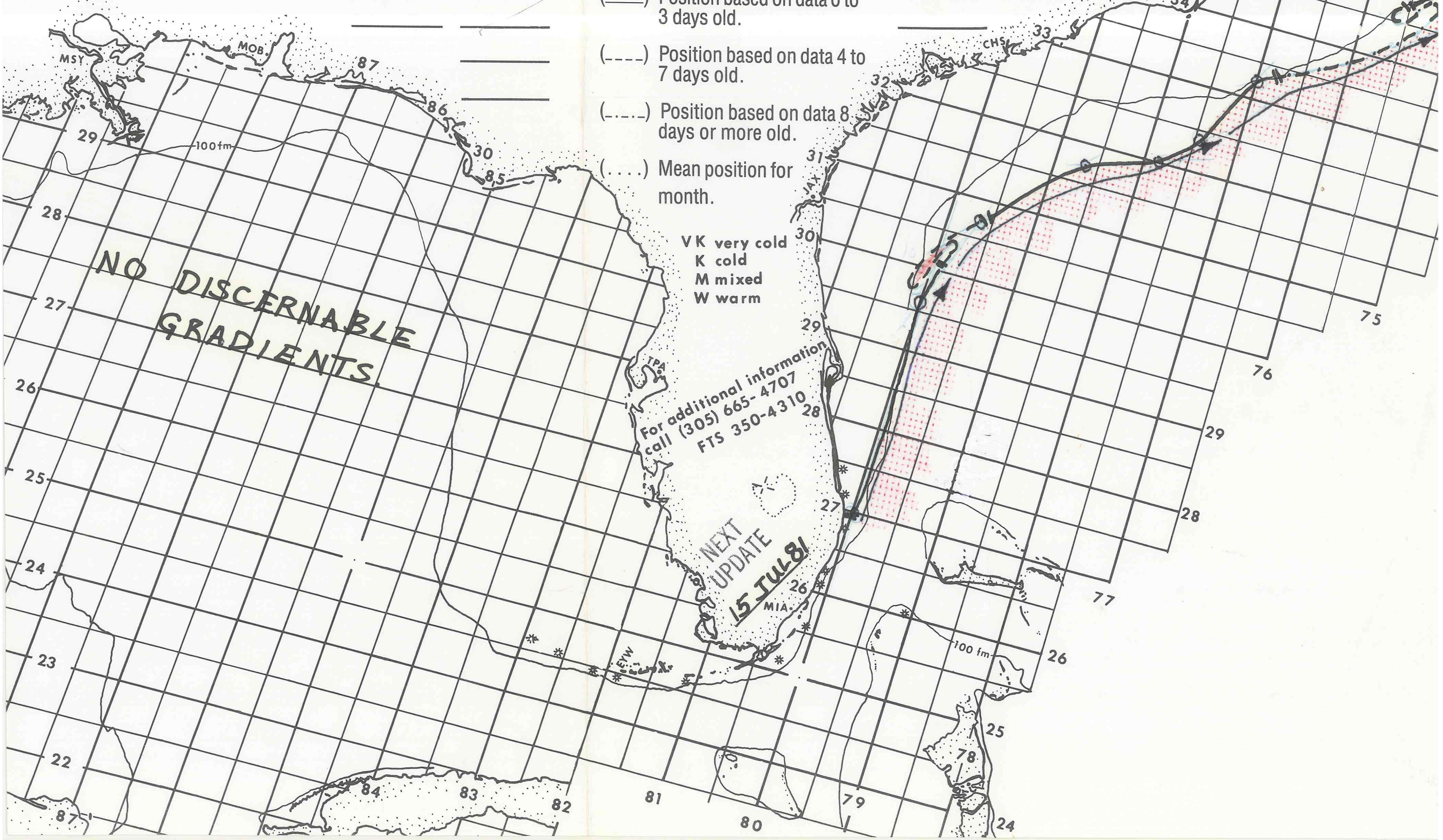
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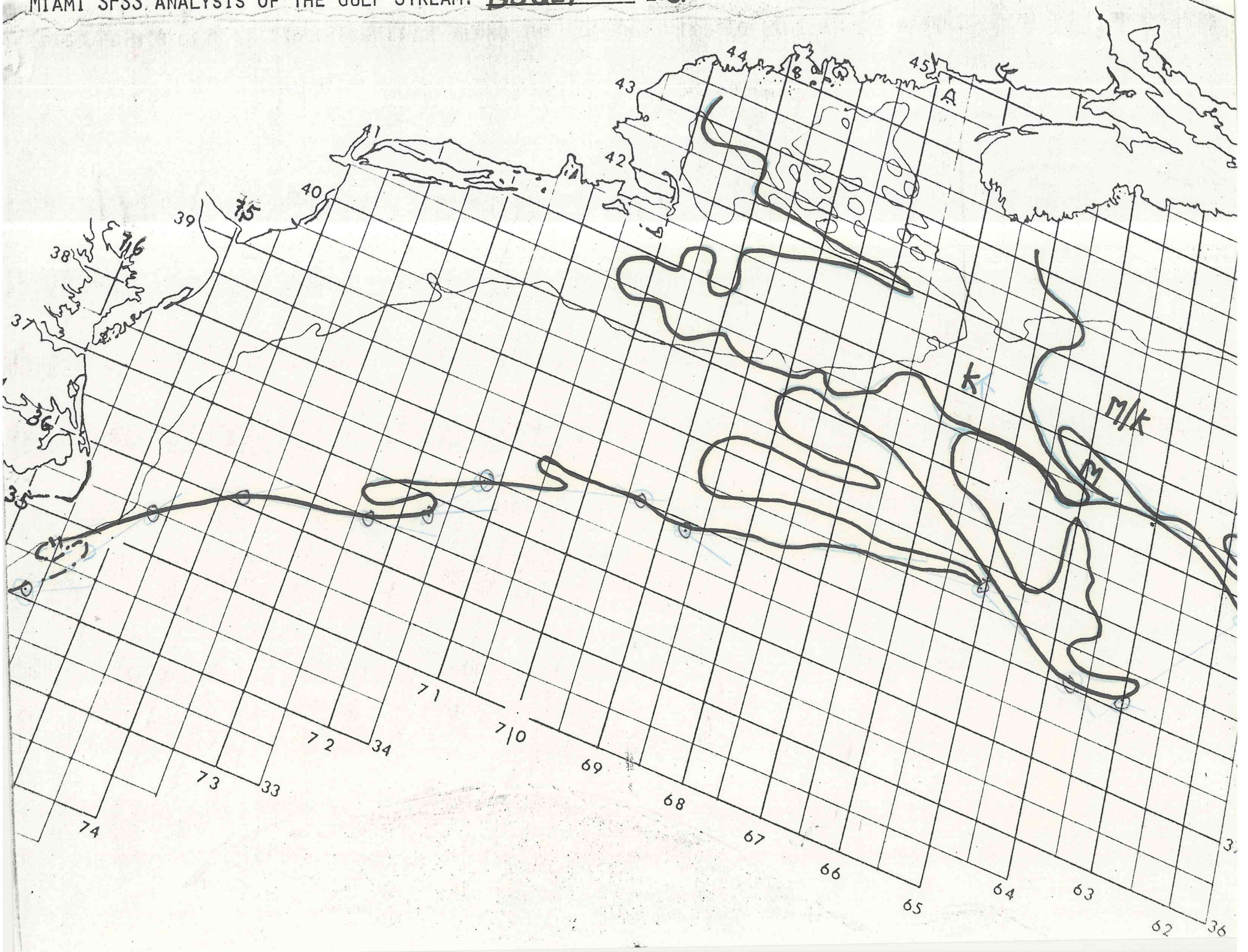
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MIAMI SFSS ANALYSIS OF THE GULF STREAM: 13 JULY 1981 PART B



NNNN  
7070

TRXX40 KMTA 131500

\*MTAADMNTA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

13 JUL 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD

EDGE OF THE WARMER WATER....

.....NO DISCERNABLE GRADIENTS.....

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...

D102/ N/W/29, E95/ N/W/29, F80/ N/W/29, G57/ N/W/29, H27/ N/W/29,

I32/ N/W/29, J19/ N/W/29, K10/ N/W/29,

ALL DATA ARE CURRENT.

BATG

1981 JUL 13 AM 11:04

NNNN

1981 JUL 13 AM 11: 15

↓ ↓ A  
ZCZC WBC320  
TBXX40 KMIA 131500  
↑ MIAADMMIA  
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT  
13 JUL 1981  
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD  
EDGE OF THE WARMER WATER....  
.....NO DISCERNABLE GRADIENTS.....  
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
D102/ M/M/29. E95/ M/M/29. F80/ M/M/29. G57/ M/M/29. H27/ M/M/29.  
I32/ M/M/29. J19/ M/M/29. K10/ M/M/29.  
ALL DATA ARE CURRENT.  
BAIG

NNNN

↓↓A

ZCZC WBC430

SXNTI KWBC 132200

GULF STREAM LOCATION - THE LINE DESCRIBED BY THE FOLLOWING  
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/80.0	29.6/80.0	30.7/79.6	32.0/78.6
32.4/77.4	33.3/77.0	34.1/75.6	35.5/74.7
36.1/73.7	36.6/72.4	37.4/71.0	38.1/70.0
37.9/68.7	38.3/66.0	38.6/65.0	

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES  
SEAWARD OF THIS LINE.

COLD EDDIESO 32.7/71.9/60NMI DIAM

WARM EDDIESO 37.2/74.2/45NMI DIAM 39.9/68.0/50NMI DIAM  
40.0/60.2/70NMI DIAM

LATEST SATELLITE DATAO 7/13/81 1200Z

03 20 1981

Date: 15 JULY 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

270799 272799 296800 306796 315789  
 321778 326772 334768 340757 353749  
 363733 367719 375710 382697 36  
 381680 385669 391661 393654  
 391647 386638 379630/CLP

(——) Position based on data 0 to 3 days old.

(- - - -) Position based on data 4 to 7 days old.

(- . . . .) Position based on data 8 days or more old.

(. . . .) Mean position for month.

VK very cold  
 K cold  
 M mixed  
 W warm

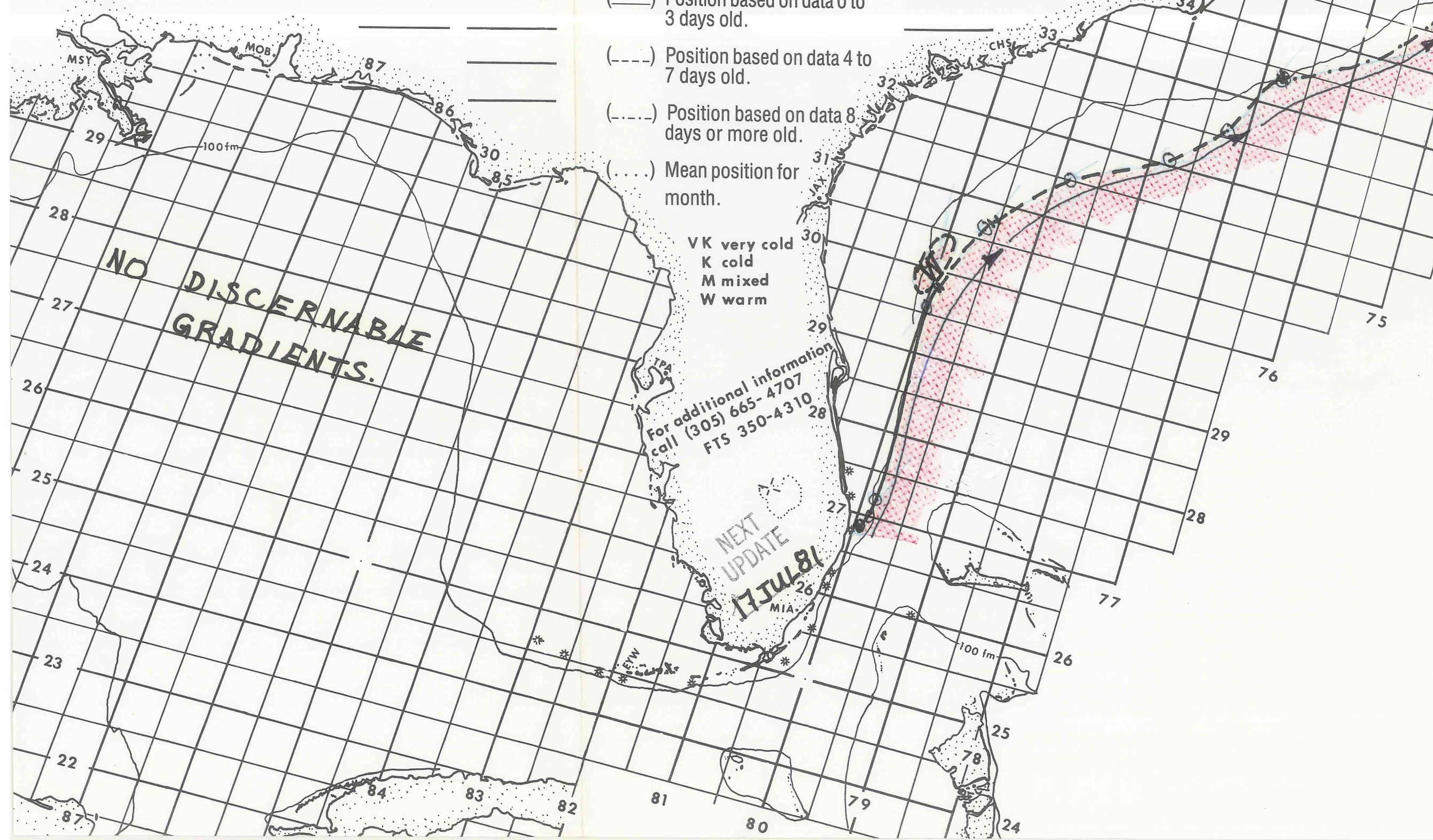
For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT  
 UPDATE

18 JUL 81

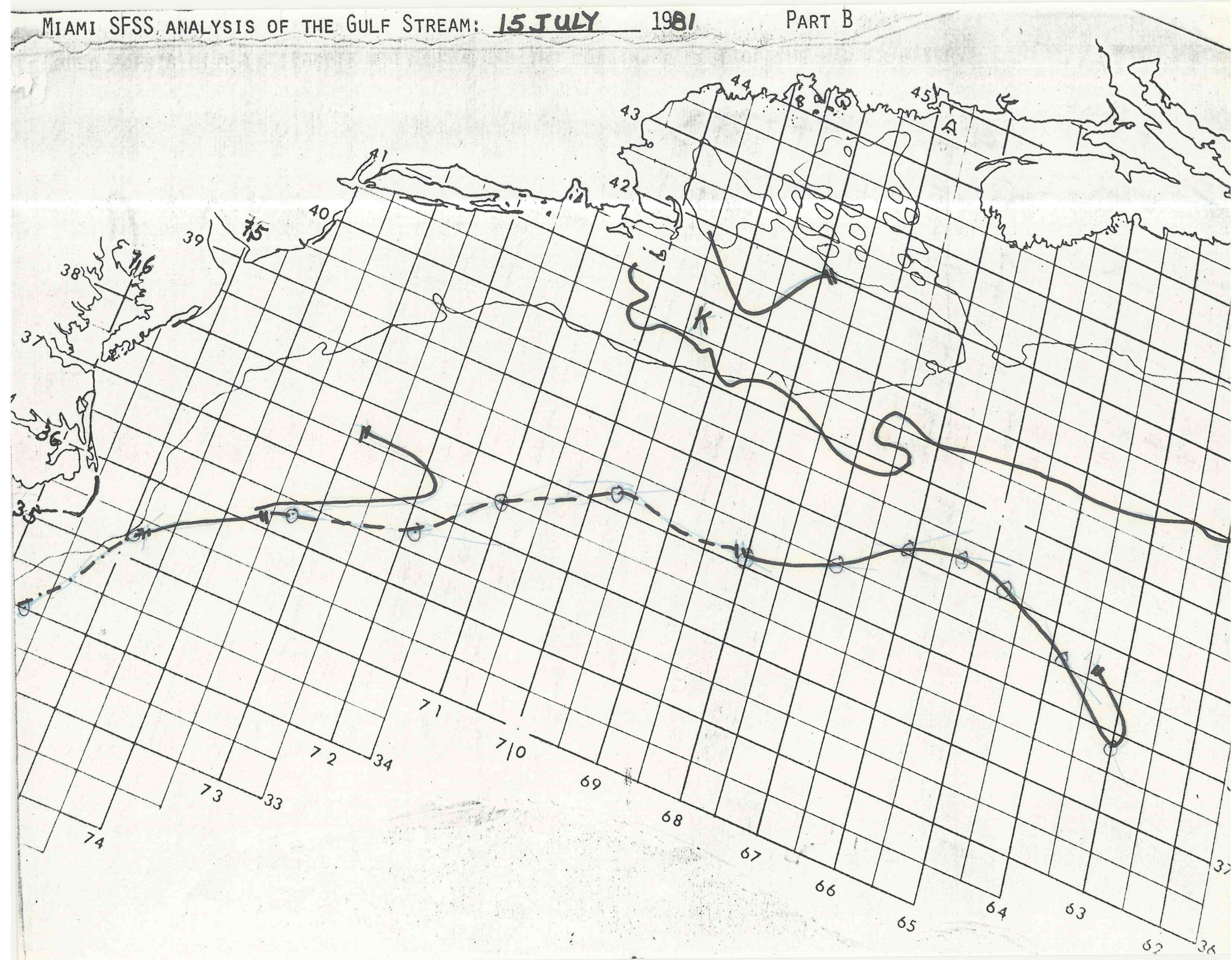
MIA

NO DISCERNABLE GRADIENTS.





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 15 JULY 1981 PART B



NNNN↑↑↑↑ A  
ZCZC WBC938  
SXNT1 KWBC 152015

GULF STREAM LOCATION † THE LINE DESCRIBED BY THE FOLLOWING  
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.9	27.2/79.9	29.6/80.0	30.6/79.6
32.0/77.6	32.4/77.4	33.3/77.0	34.1/75.6
35.5/74.7	36.8/72.9	37.0/72.0	37.5/71.0
37.9/70.0	38.0/68.0	38.2/66.0	38.6/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12†15 MILES  
SEAWARD OF THIS LINE.

COLD EDDIES	32.7/71.9/60	NMI DIAM.
WARM EDDIES	37.2/74.2/45	NMI DIAM
	39.9/68.0/50	NMI DIAM
	40.0/60.2/70	NMI DIAM.

LATEST SATELLITE DATA 7/15/81 1256Z.  
BT

NNNN↓↓A  
ZCZC WBCS65  
TBXX40 KMIA 151445  
↑MIAADMMIA  
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT  
15 JUL 1981  
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD  
EDGE OF THE WARMER WATER.....  
.....NO DISCERNABLE GRADIENTS.....  
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
D106/ M/M/29. E100/ M/M/29. F82/ M/M/29. G58/ M/M/29. H30/ M/M/29.  
I37/ M/M/29. J25/ M/M/29. K16/ M/M/29.  
D..E..AND F DATA ARE FROM 13 JULY 81. THE REMAINDER ARE CURRENT.  
BAIG

NNNN↓↓A  
ZCZC WBIZ

NNNN

.8↑↑↑.8↑

29700 KNHC 151446

PRODUCT DESIGNATOR

081539

ZC ZC

1981 JUL 15 AM 10:55

TBXX40 KMIA 151445

MIAADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

15 JUL 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD  
EDGE OF THE WARMER WATER....

.....NO DISCERNABLE GRADIENTS.....

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...

D106/ M/M/29. E100/ M/M/29. F82/ M/M/29. G58/ M/M/29. H30/ M/M/29.

I37/ M/M/29. J25/ M/M/29. K16/ M/M/29.

D..E..AND F DATA ARE FROM 13 JULY 81. THE REMAINDER ARE CURRENT.

BAIG

NNNN

# SEA SURFACE THERMAL ANALYSIS NOAA WASHINGTON SFSS

DATE: 15 JULY 19 81

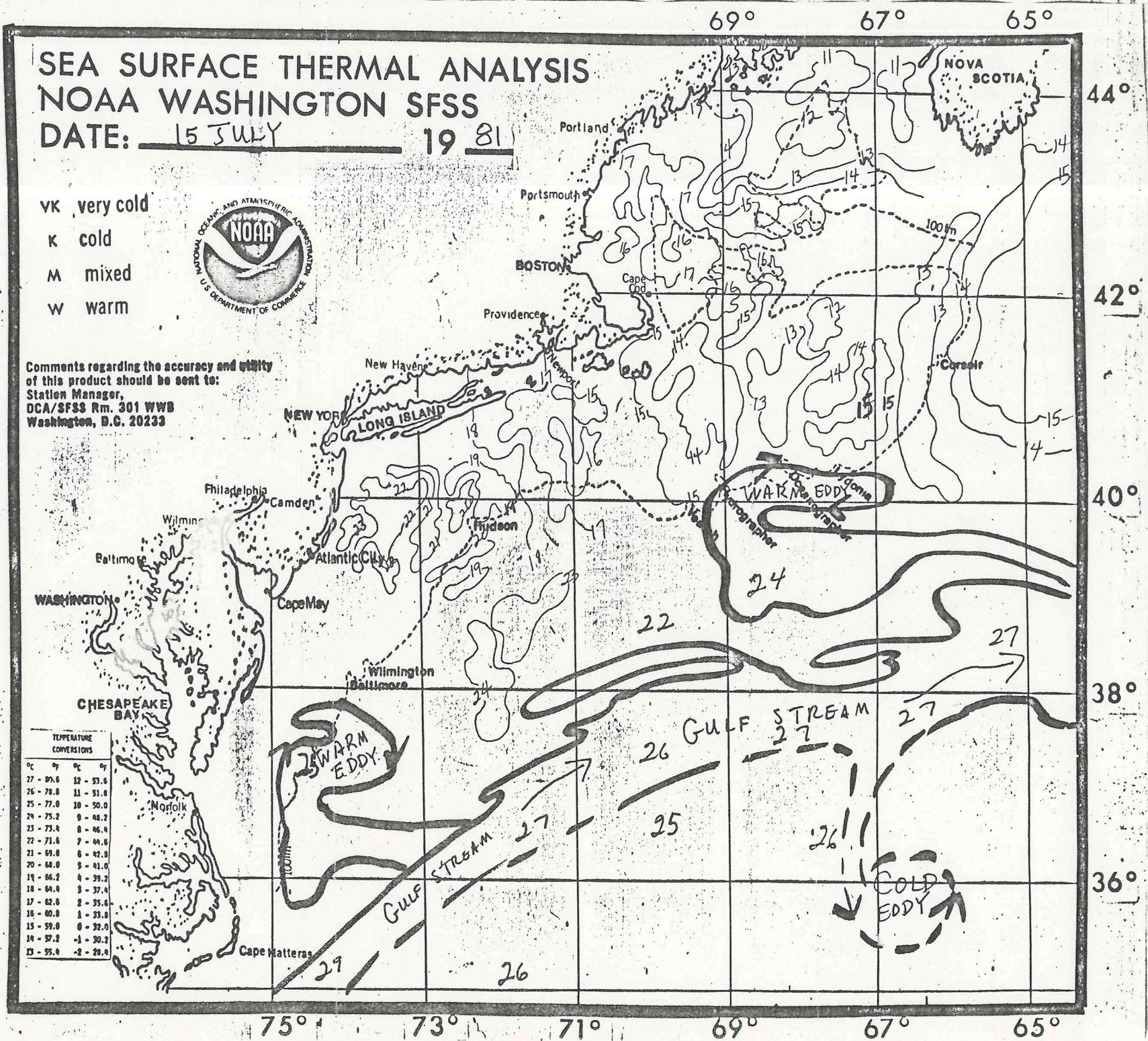
- VK very cold
- K cold
- M mixed
- W warm



Comments regarding the accuracy and utility of this product should be sent to:  
Station Manager,  
DCA/SFSS Rm. 301 WWB  
Washington, D.C. 20233

TEMPERATURE CONVERSIONS

°C	°F	°C	°F
27	80.6	12	53.6
26	78.8	11	51.8
25	77.0	10	50.0
24	75.2	9	48.2
23	73.4	8	46.4
22	71.6	7	44.6
21	69.8	6	42.8
20	68.0	5	41.0
19	66.2	4	39.2
18	64.4	3	37.4
17	62.6	2	35.6
16	60.8	1	33.8
15	59.0	0	32.0
14	57.2	-1	30.2
13	55.4	-2	28.4



Date: 17 JULY 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) Position based on data 0 to 3 days old.
- (- - - -) Position based on data 4 to 7 days old.
- (- . . . -) Position based on data 8 days or more old.
- (. . . .) Mean position for month.

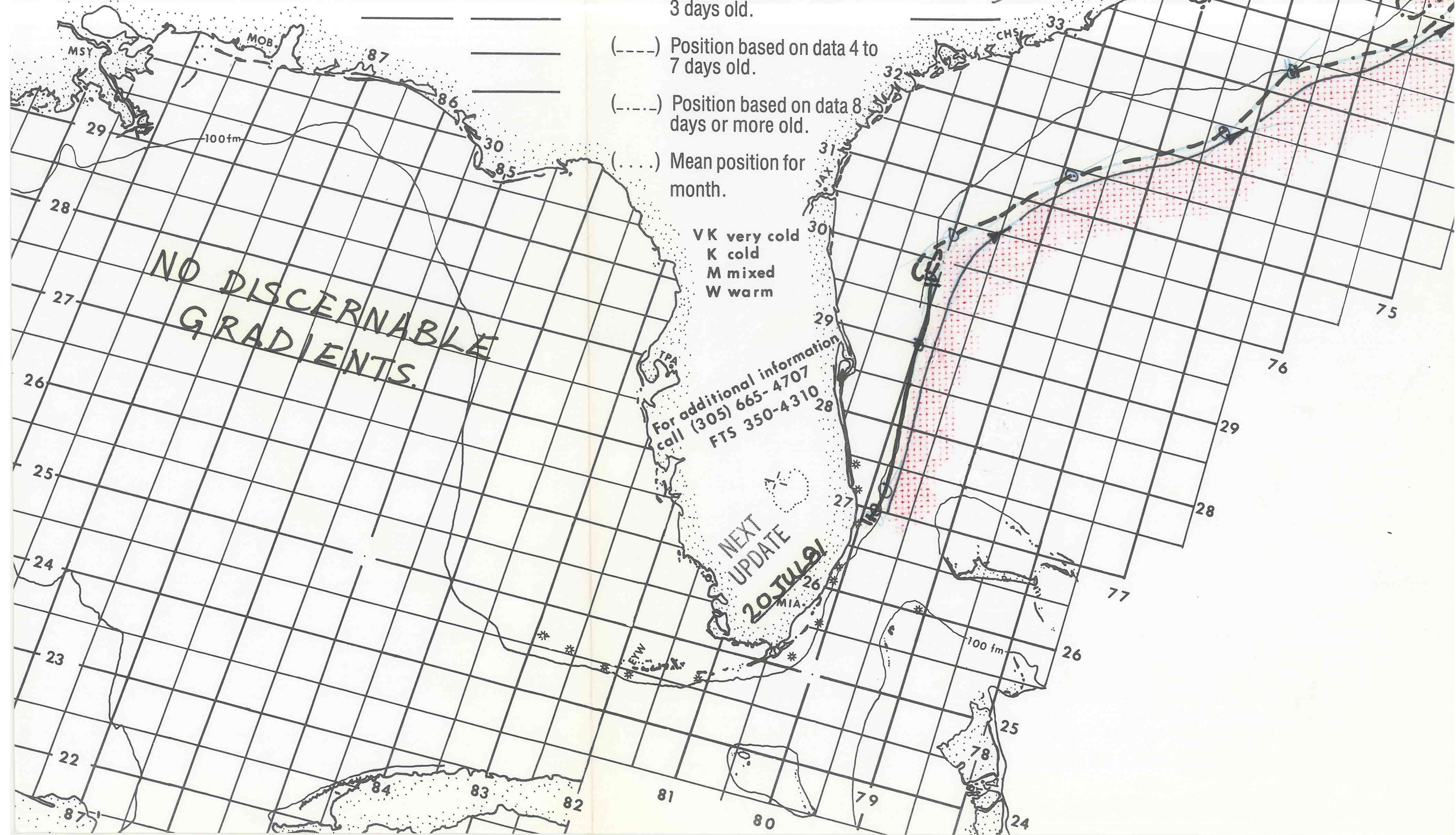
270799 272798 290800 298801 304800  
 314789 324773 334768 341756 354748  
 369725 371715 376709 379702 36  
 379692 383682 380675 385665  
 386638 380630 378624  
 379615// ~~812~~

VK very cold  
 K cold  
 M mixed  
 W warm

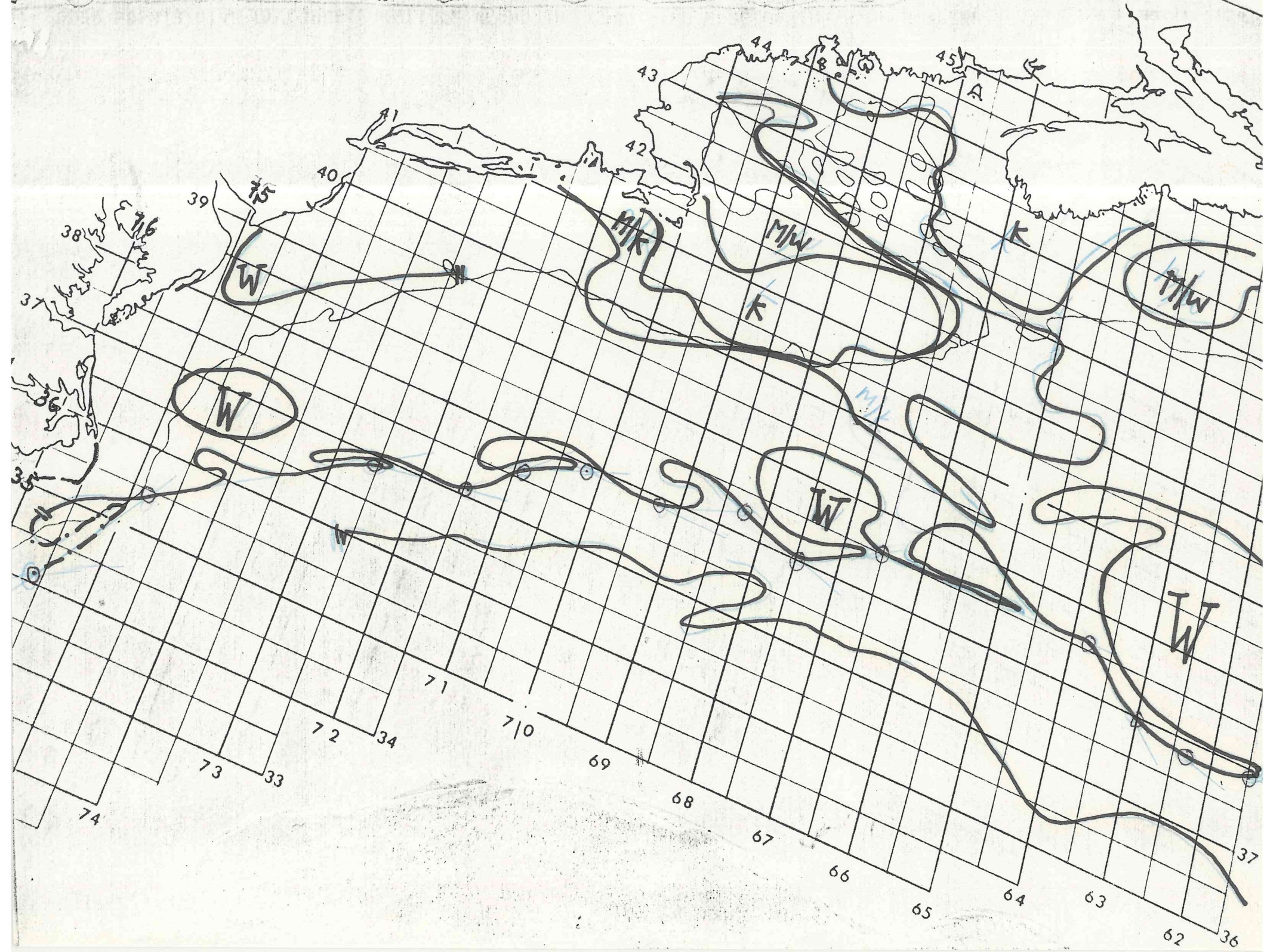
For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT  
 UPDATE  
 20 JULY 81

NO DISCERNABLE  
 GRADIENTS.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 17 JULY 1981 PART B



MNN

.8117.81

29700 KNHC 171249

PRODUCT DESIGNATOR 0

081539

ZCZC

TBXX40 KMIA 171245

MIAADMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

17 JUL 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD

EDGE OF THE WARMER WATER....

.....NO DISCERNABLE GRADIENTS.....

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...

D105/ M/M/29. E87/ M/M/29. F70/ M/M/29. G57/ M/M/29. H27/ M/M/29.

I36/ M/M/29. J24/ M/M/29. K18/ M/M/29.

D..E..AND F DATA ARE FROM 13 JULY 81. THE REMAINDER ARE CURRENT.

BAIG

1981 JUL 17 AM 8:55



NNNN ↓

V

ZCZC

SXNT1 KWBC 171923

GULF STREAM LOCATION ↑ THE LINE DESCRIBED BY THE FOLLOWING  
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.9 27.2/79.8 29.0/80.0 29.8/80.1 30.4/80.0

31.4/78.9 32.4/77.3 33.4/76.8 34.1/75.6 35.4/74.8

36.9/72.5 37.4/71.5 37.6/70.9 38.3/70.2 38.8/69.2

38.3/68.2 38.0/67.5 38.4/66.5 38.6/65.6 38.0/63.0

37.8/62.4 37.9/61.5

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES  
SEAWARD OF THIS LINE.

COLD EDDIESO 35.7/66.7/75 NMIO 35.9/62.9/65 NMIO

WARM EDDIESO 37.0/74.1/60 NMIO 39.7/68.2/90 NMIO 40.2/60.3/70 NMIO  
40.7/58.7/80 NMIO 40.8/54.7/130 NMI

LATEST SATELLITE DATAO 7/17/81

Date: 20 JULY 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

270799 274798 285800 304800 314790  
 328767 336764 340756 355747 367730  
 372712 379704 382682 381674 36  
 385665 385640 380630 377620  
 379618/SDB

- (——) Position based on data 0 to 3 days old.
- (---) Position based on data 4 to 7 days old.
- (- - -) Position based on data 8 days or more old.
- (....) Mean position for month.

VK very cold  
 K cold  
 M mixed  
 W warm

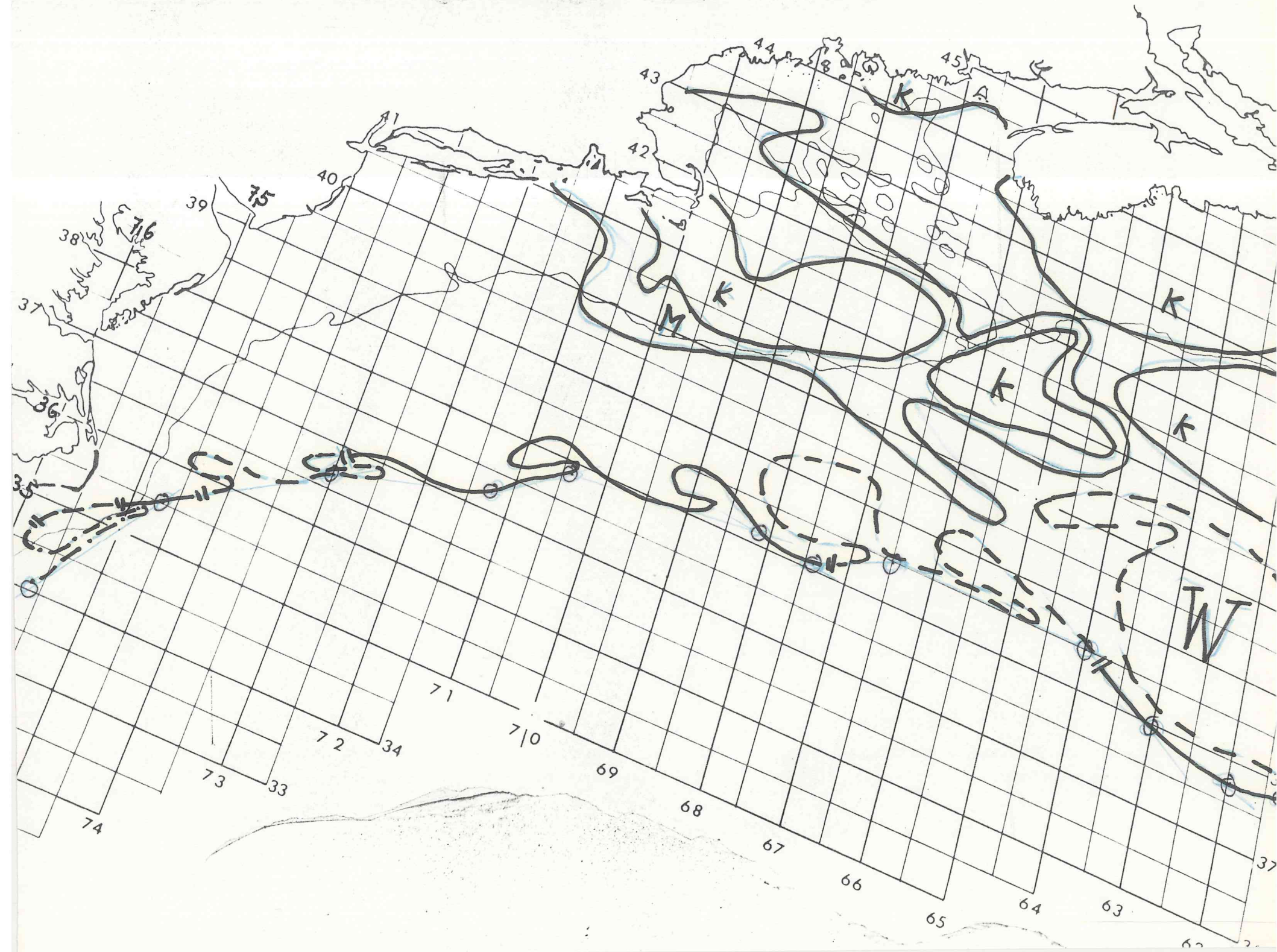
For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT  
 UPDATE  
 22 JUL 81

NO DISCERNABLE  
 GRADIENTS.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 20 JULY 1981 PART B



NNNN↓↓A

ZCZC WBC211

SMT1 KWBC 202205

GULF STREAM LOCATION + THE LINE DESCRIBED BY THE FOLLOWING  
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.9 27.4/79.8 28.5/80.0 30.4/80.0

31.4/79.0 32.8/76.7 33.6/76.4 34.0/75.6

35.5/74.7 37.0/73.0 37.2/71.2 37.9/70.4

38.1/68.2 37.9/67.4 38.4/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES  
SEAWARD OF THIS LINE.

COLD EDDIES 36.7/68.0/55 NMI DIAM 35.6/64.0/55 NMI DIAM.

WARM EDDIES 39.6/68.4/65 NMI DIAM 39.3/62.4/125 NMI DIAM 40.7/58.7/75  
NMI DIAM

LATEST SATELLITE DATA 7/20/81 AT 1200Z

1981 JUL 20 AM 11: 21

.8117..81  
29700 KNHC 201515  
PRODUCT DESIGNATOR 0  
081539  
ZCZC

TBXX40 KMIA 201515  
MIAADMMIA  
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT  
20 JUL 1981  
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD  
EDGE OF THE WARMER WATER....  
.....NO DISCERNABLE GRADIENTS.....  
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
D105/ M/M/29. E88/ M/M/29. F71/ M/M/29. G56/ M/M/29. H25/ M/M/29.  
I36/ M/M/29. J25/ M/M/29. K17/ M/M/29.  
D..E..AND F DATA ARE FROM 13 JULY 81. THE REMAINDER ARE CURRENT.  
BAIG

NNNN  
.8110..81  
29700 KMIA 201501 AM

Date: 22 JULY 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

270800 285798 295799 305800 311796  
 320780 330766 338763 341756 354749  
 361739 374725 373715 375712 36  
 381704 382693 385685 380673  
 383664 387643 379625  
 377617// *CS*

- (—) Position based on data 0 to 3 days old.
- (---) Position based on data 4 to 7 days old.
- (- - -) Position based on data 8 days or more old.
- (....) Mean position for month.

VK very cold  
 K cold  
 M mixed  
 W warm

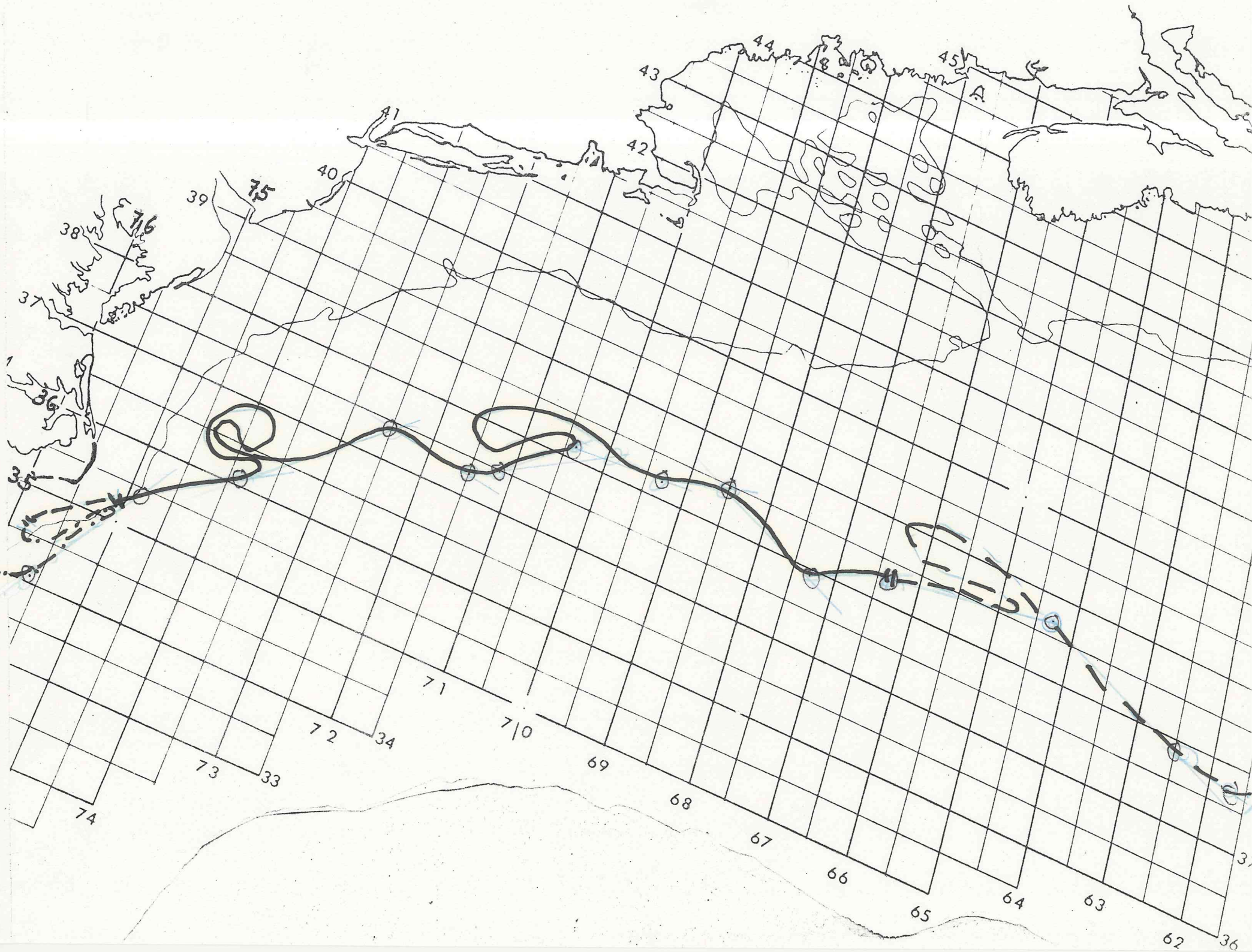
For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT  
 UPDATE  
 24 JUL 81

NO DISCERNABLE  
 GRADIENTS



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 22 JULY 1981 PART B



NNNN

▲  
ZCZC WBC378  
TBXX40 KMIA 221615  
+MIAADMMIA  
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT  
22 JUL 1981  
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD  
EDGE OF THE WARMER WATER....  
.....NO DISCERNABLE GRADIENTS.....  
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
D86/ M/M/29. E83/ M/M/29. F78/ M/M/29. G65/ M/M/29. H34/ M/M/29.  
I34/ M/M/29. J19/ M/M/29. K12/ M/M/29.  
ALL DATA ARE CURRENT.  
GULFSTREAM FLOWS 1.5 TO 2.0 KT AT N.  
BAIG



NNNN  
ZCZC

1981 JUL 22 PM 12: 23

TRXX40 KNIA 221615

MMIAADMMIA

MIAMI SFSB ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

22 JUL 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD  
EDGE OF THE WARMER WATER....

.....NO DISCERNABLE GRADIENTS.....

MIAMI SFSB SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...

DR6/ M/M/29, ER3/ M/M/29, F78/ M/M/29, G65/ M/M/29, H34/ M/M/29,

I34/ M/M/29, J19/ M/M/29, K12/ M/M/29,

ALL DATA ARE CURRENT.

GULFSTREAM FLOWS 1.5 TO 2.0 KT AT N.

BTIG

NNNA  
ZCZC WBC445  
SXNT1 KWBC 222115

GULF STREAM LOCATION + THE LINE DESCRIBED BY THE FOLLOWING  
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/80.0 28.5/79.8 29.5/79.9 30.5/80.0  
31.1/79.6 32.0/78.0 33.0/76.6 33.8/76.3  
34.1/75.6 35.4/74.8 36.1/73.9 37.3/71.5  
37.4/71.0 38.0/70.4 38.0/66.5 38.4/65.6  
38.4/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES  
SEAWARD OF THIS LINE.

COLD EDDIES 36.7/68.0/55 NMI DIAM 35.6/64.0/55 NMI DIAM  
36.5/58.8/55 NMI DIAM.  
WARM EDDIES 39.6/68.4/65 NMI DIAM 39.3/62.4/125 NMI DIAM  
40.7/58.7/75 NMI DIAM.

LATEST SATELLITE DATA 7/22/81 1200Z.

1981 JUL 22 PM 5:34

NNNA

# SEA SURFACE THERMAL ANALYSIS

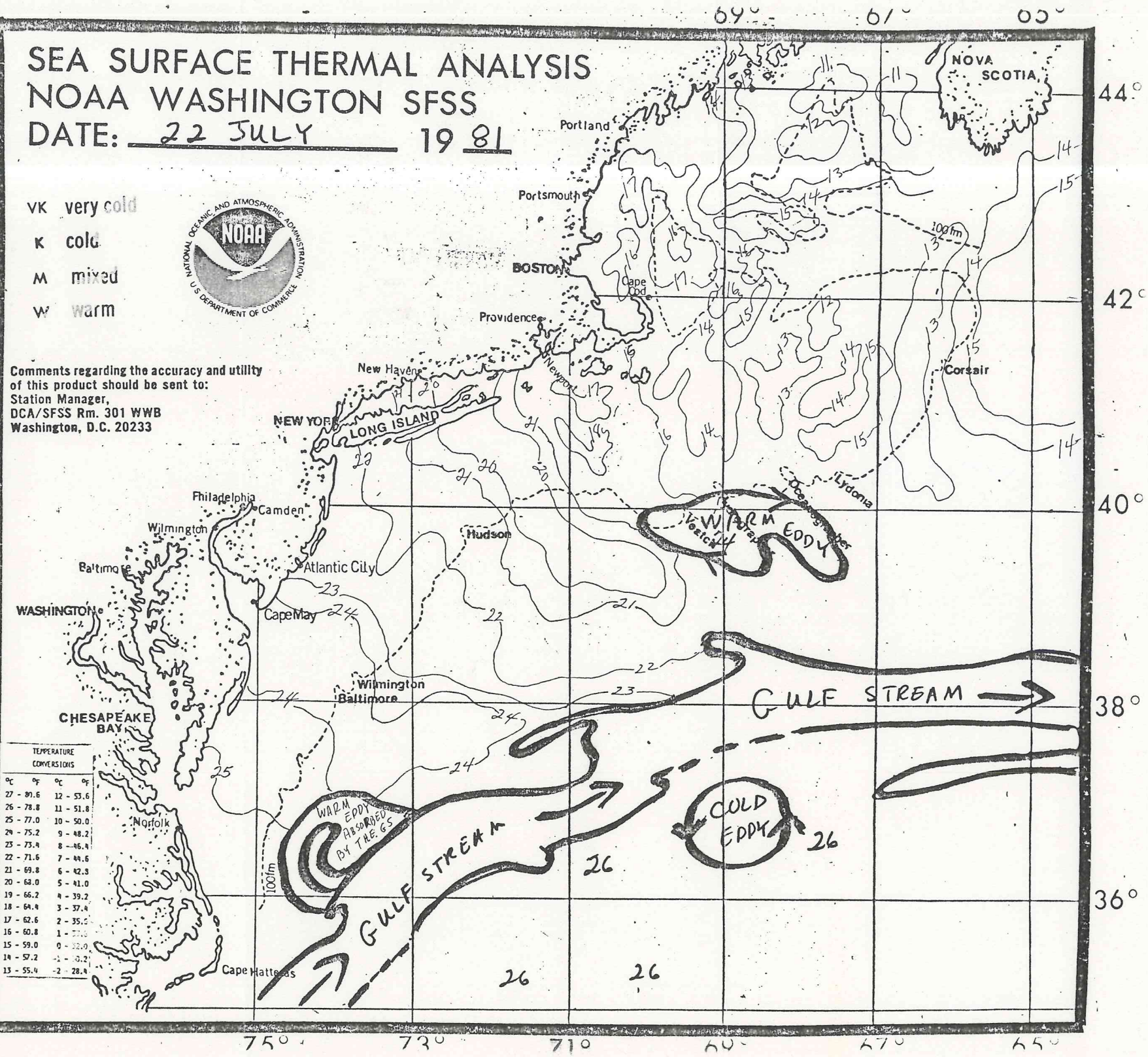
## NOAA WASHINGTON SFSS

DATE: 22 JULY 1981

- VK very cold
- K cold
- M mixed
- W warm



Comments regarding the accuracy and utility of this product should be sent to:  
 Station Manager,  
 DCA/SFSS Rm. 301 WWB  
 Washington, D.C. 20233



TEMPERATURE CONVERSIONS

°C	°F	°C	°F
27	80.6	12	53.6
26	78.8	11	51.8
25	77.0	10	50.0
24	75.2	9	48.2
23	73.4	8	46.4
22	71.6	7	44.6
21	69.8	6	42.8
20	68.0	5	41.0
19	66.2	4	39.2
18	64.4	3	37.4
17	62.6	2	35.6
16	60.8	1	33.8
15	59.0	0	32.0
14	57.2	-1	30.2
13	55.4	-2	28.4

Date: 24 JULY 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

270800 295798 305800 332765 344753  
 353747 375722 372714 375710 385700  
 386692 385684 377674 389652 36  
 389645 380622 // ~~SAP~~

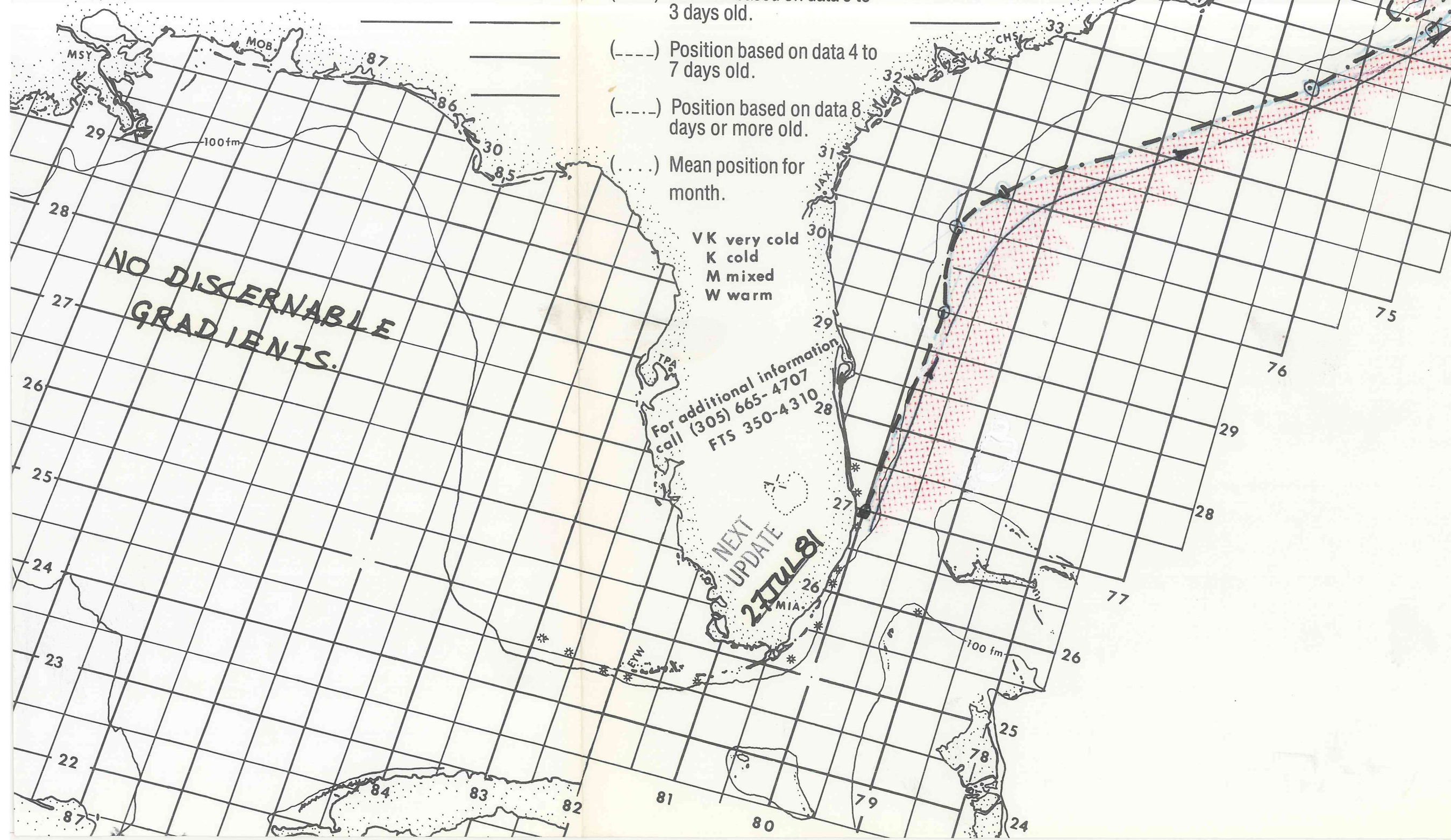
- (——) Position based on data 0 to 3 days old.
- (---) Position based on data 4 to 7 days old.
- (- - - -) Position based on data 8 days or more old.
- (....) Mean position for month.

VK very cold  
 K cold  
 M mixed  
 W warm

For additional information  
 call (305) 665-4707  
 FTS 350-4310

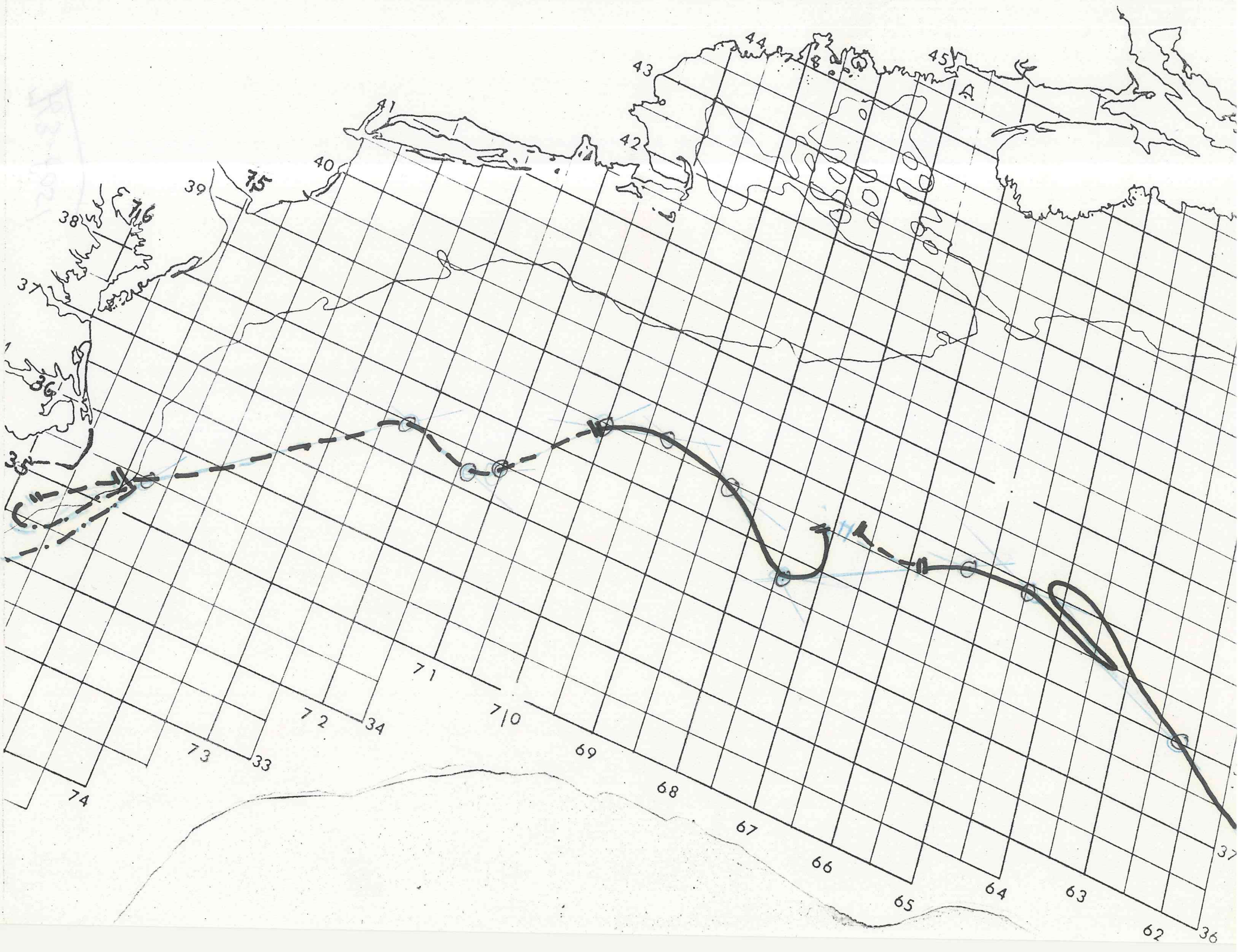
NEXT  
 UPDATE  
 27 JUL 81

NO DISCERNABLE  
 GRADIENTS.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 24 JULY 1981

PART B



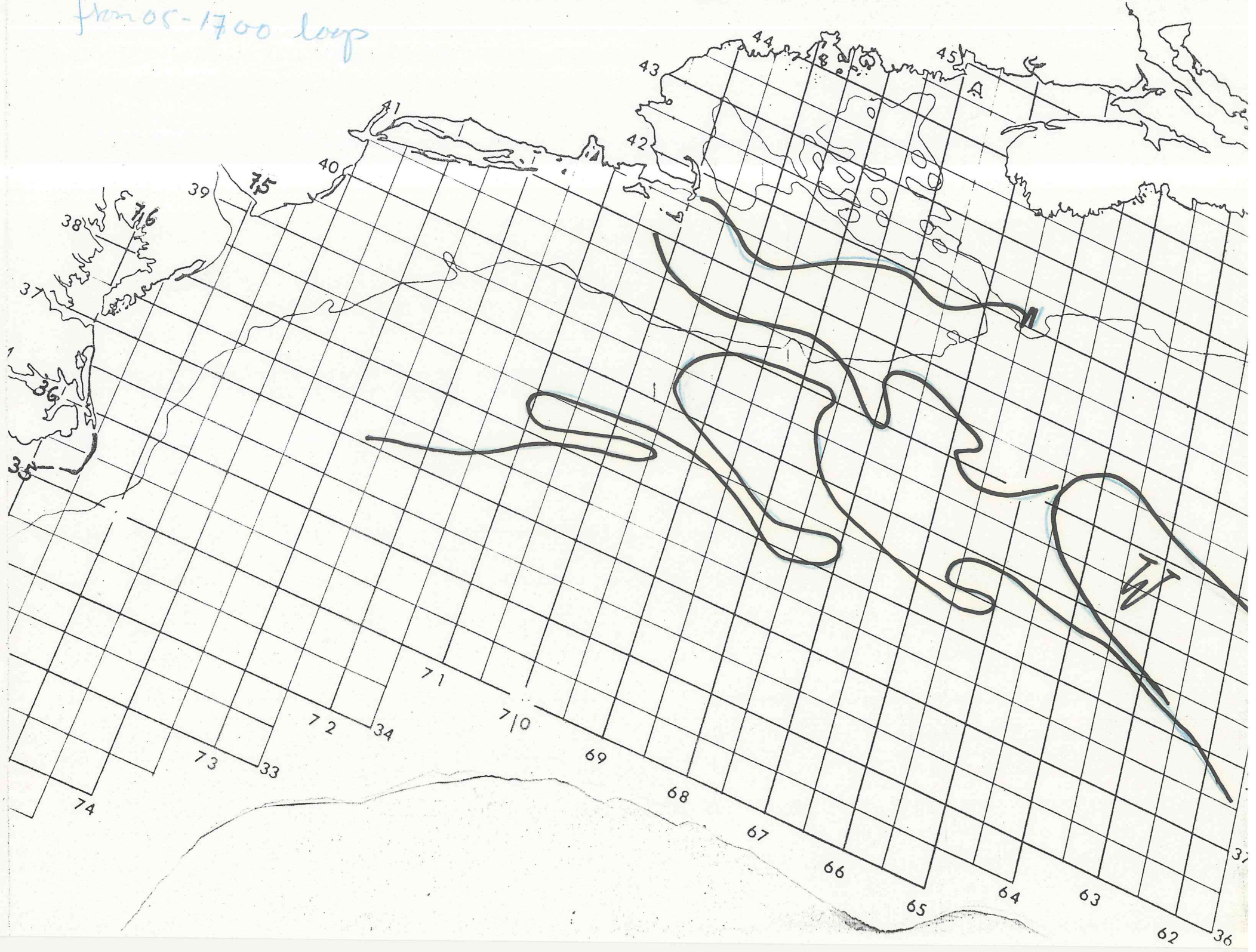
1981 JUL 24 AM 11:43

MI AADMMIA  
WOUS00 KNHC 241536  
PRODUCT DESIGNATOR 0  
081539  
ZCZC

TBXX40 KMIA 241530  
MI AADMMIA  
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT  
24 JUL 1981  
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD  
EDGE OF THE WARMER WATER....  
.....NO DISCERNABLE GRADIENTS.....  
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
D87/ M/M/29. E84/ M/M/29. F78/ M/M/29. G65/ M/M/29. H30/ M/M/29.  
I31/ M/M/29. J17/ M/M/29. K10/ M/M/29.  
ALL DATA ARE FROM 22 JULY 81.  
BAIG

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 24 JULY 1981 PART B

from 05-1700 loop



Date: 24 JULY 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

270800 295798 305800 332765 344753  
 355747 375722 372714 375710 385700  
 386692 385684 377674 389652 36  
 389645 380622//SAP

(\_\_\_\_) Position based on data 0 to 3 days old.

(----) Position based on data 4 to 7 days old.

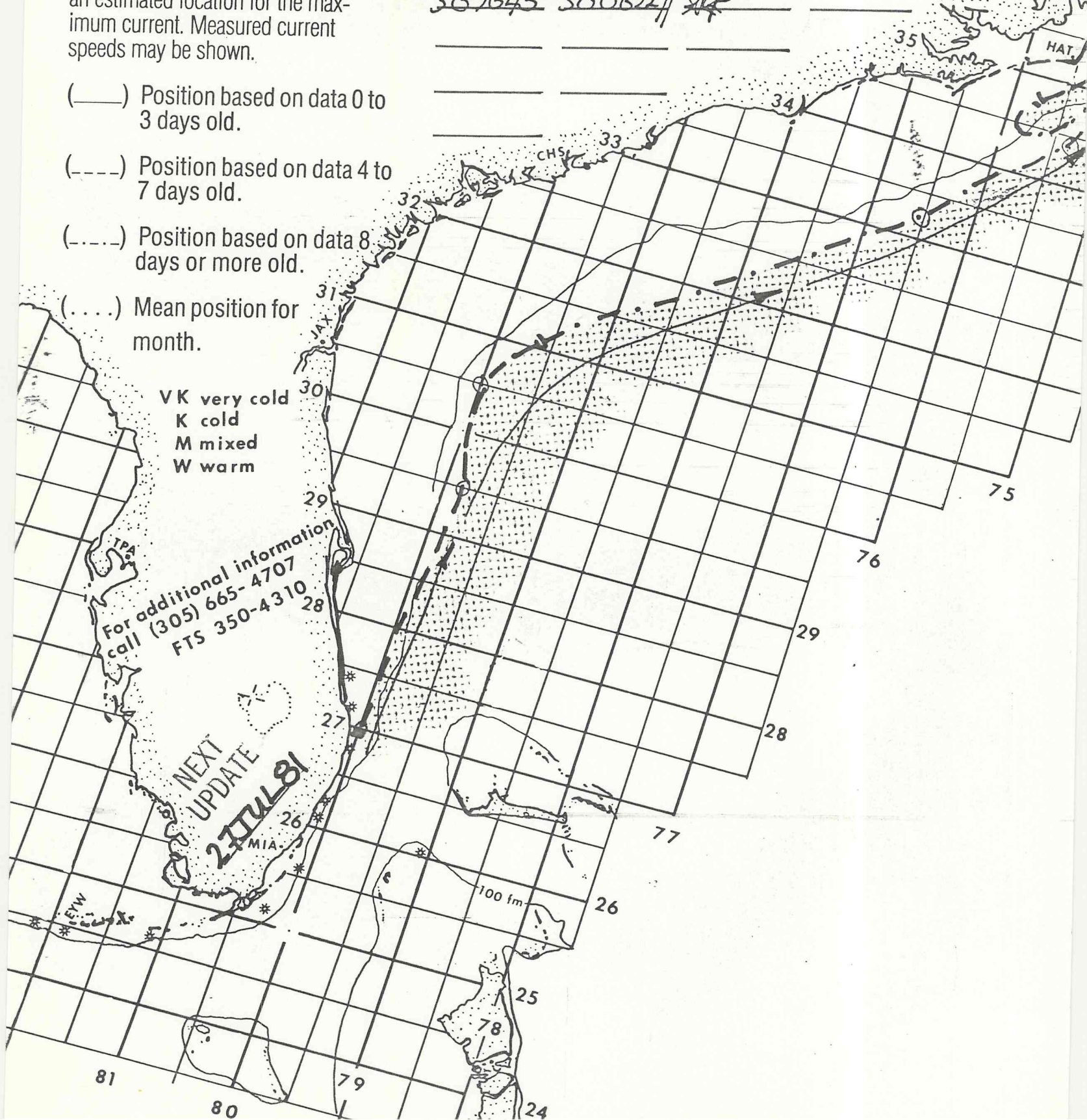
(.....) Position based on data 8 days or more old.

(.....) Mean position for month.

VK very cold  
 K cold  
 M mixed  
 W warm

For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT  
 UPDATE  
 2 JUL 81





Date: 27 JULY 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

270800 306799 312794 340760 346757  
 352748 356746 371726 376710 386688  
 379673 382667 390664 386650 36  
 387635 385629 377618 // 84P

(——) Position based on data 0 to 3 days old.

(- - -) Position based on data 4 to 7 days old.

(- . . .) Position based on data 8 days or more old.

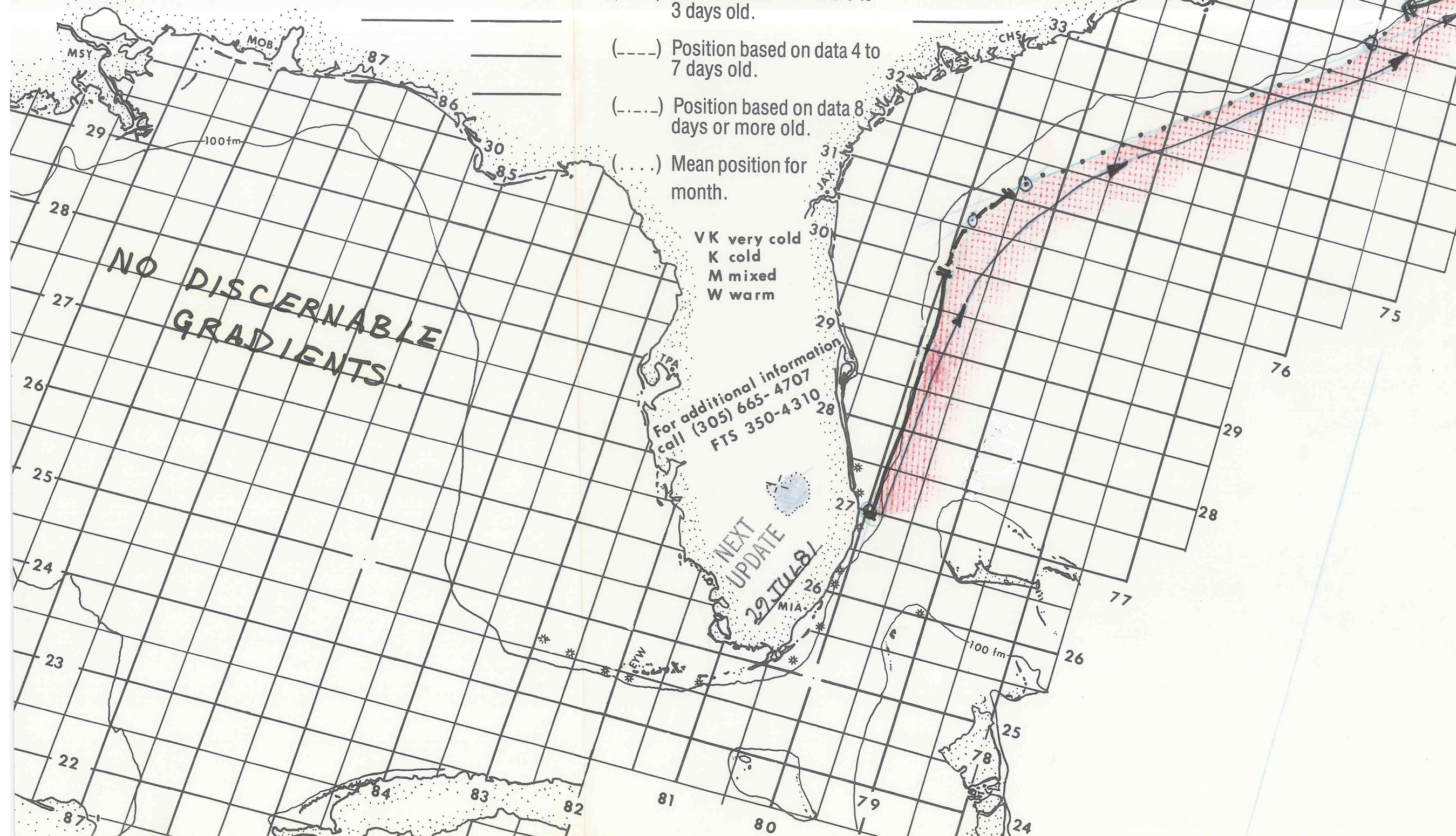
(. . . .) Mean position for month.

VK very cold  
 K cold  
 M mixed  
 W warm

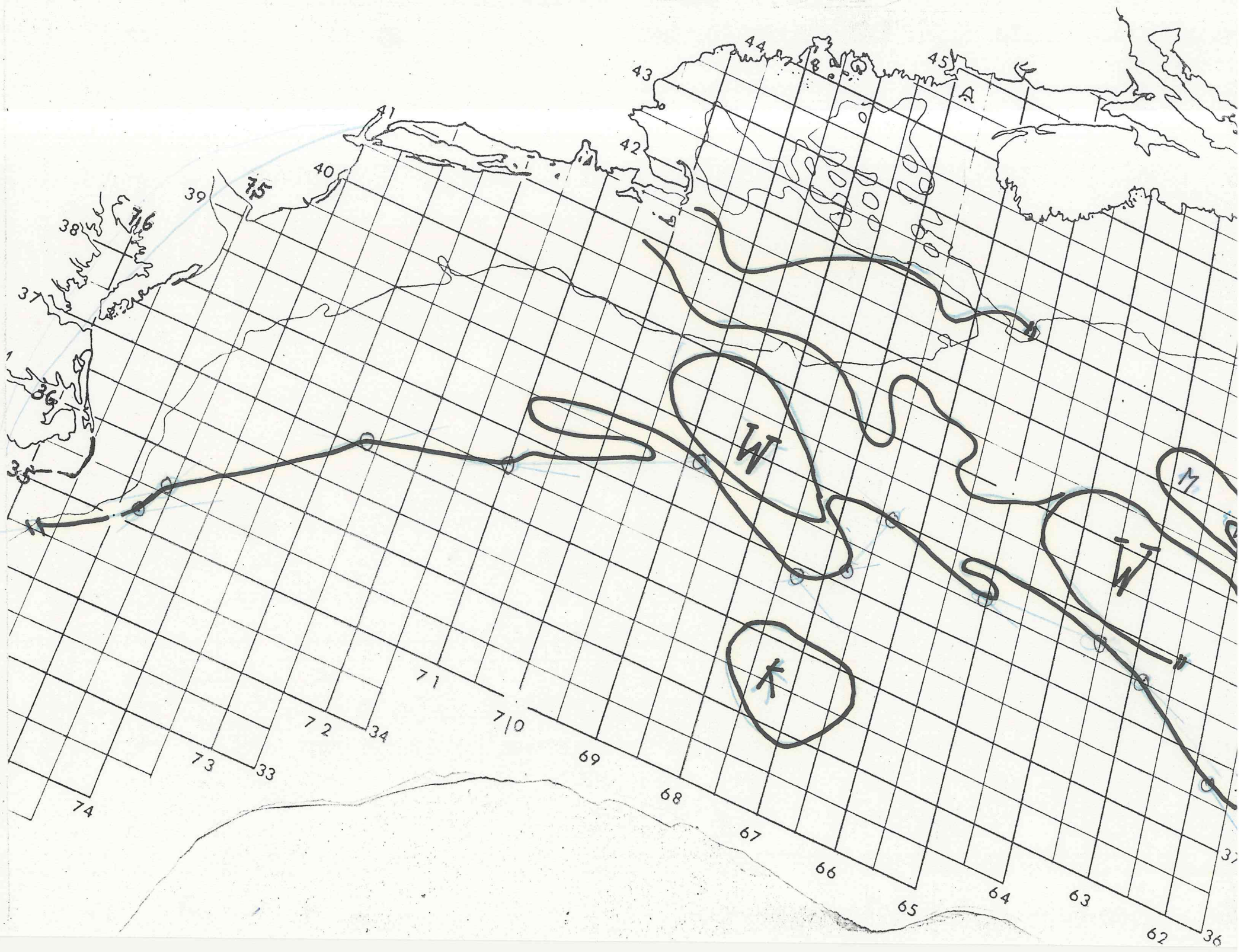
For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT  
 UPDATE  
 29 JUL 81

NO DISCERNABLE  
 GRADIENTS.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 27 JULY 1981. PART B



NNNNN

7070 MIARMMIA

TRXX40 KNTA 271245

MIARMMIA

MIAMI SERS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT  
27 JUL 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD  
EDGE OF THE WARMER WATER....

.....NO DISCERNABLE GRADIENTS.....

MIAMI SERS SELECTED GULF STREAM DATA FOR NOAA WEATHER BATHO...

B95/ M/M/29, F85/ M/M/29, F76/ M/M/29, G62/ M/M/29, H29/ M/M/29.

I34/ M/M/29, J19/ M/M/29, K12/ M/M/29.

B AND F DATA ARE FROM 22 JUL 81...REMAINDER ARE CURRENT.

DATA

1981 JUL 27 AM 9 38

NNNN  
↓

ABV

ZCZC MIAADMMIA  
TBXX40 KMIA 271245  
↑MIAADMMIA  
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT  
27 JUL 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD  
EDGE OF THE WARMER WATER.....  
.....NO DISCERNABLE GRADIENTS.....  
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
D95/ M/M/29. E85/ M/M/29. F76/ M/M/29. G62/ M/M/29. H29/ M/M/29.  
I34/ M/M/29. J19/ M/M/29. K12/ M/M/29.  
D AND E DATA ARE FROM 22 JUL 81...REMAINDER ARE CURRENT.

PAIG

NNNN JV AUVANV

ZCZC WPC240

NNNN ↓

V

ZCZC

SXNT1 KWBC 272230

GULF STREAM LOCATION -THE LINE DESCRIBED BY THE FOLLOWING  
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/80.0	30.6/79.9	31.2/79.8	34.0/76.0
34.6/75.7	35.3/75.0	35.6/74.6	37.0/72.4
36.6/71.0	38.0/70.9	38.4/68.7	38.0/67.3
38.2/66.7	38.5/66.0	38.3/65.0	

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12-15 MILES  
SEAWARD OF THIS LINE..

COLD EDDIES.. 36.5/66.4/75 NMI. DIAM.. 35.8/58.3/60 NMI. DIAM..  
34.4/58.9/90 NMI. DIAM..

WARM EDDIES.. 39.4/68.3/85 NMI. DIAM.. 39.7/62.9/125 NMI. DIAM..

LATEST SATELLITE DATA... 7/27/81 1200Z

Date: 29 July 19 81

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

270800 306799 312794 340760 346757  
352748 356746 371726 376710 386688  
379673 382667 390664 386650 36  
387635 385629 377618 // DCB.

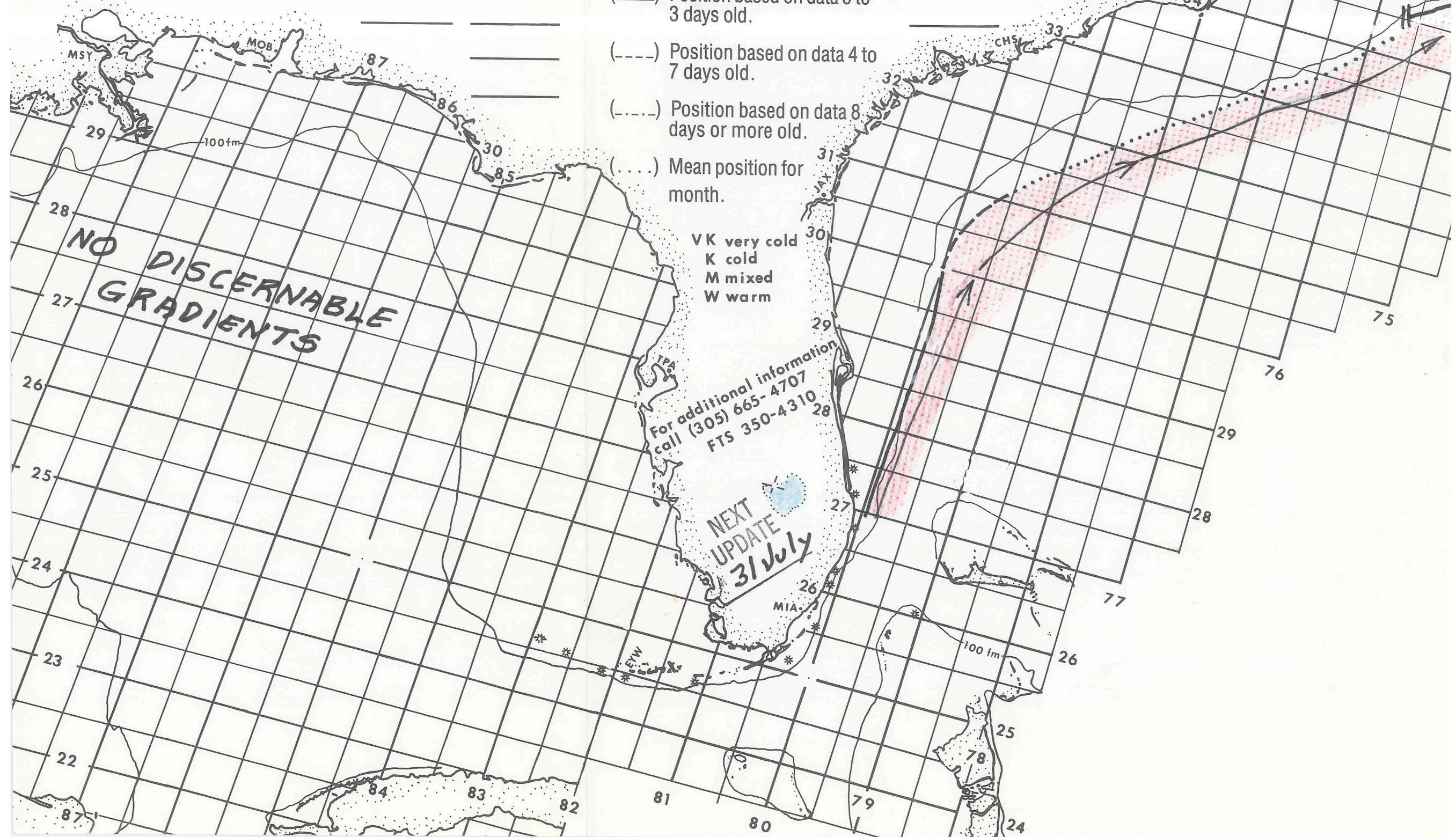
- (——) Position based on data 0 to 3 days old.
- (- - -) Position based on data 4 to 7 days old.
- (- . . .) Position based on data 8 days or more old.
- (. . . .) Mean position for month.

VK very cold  
 K cold  
 M mixed  
 W warm

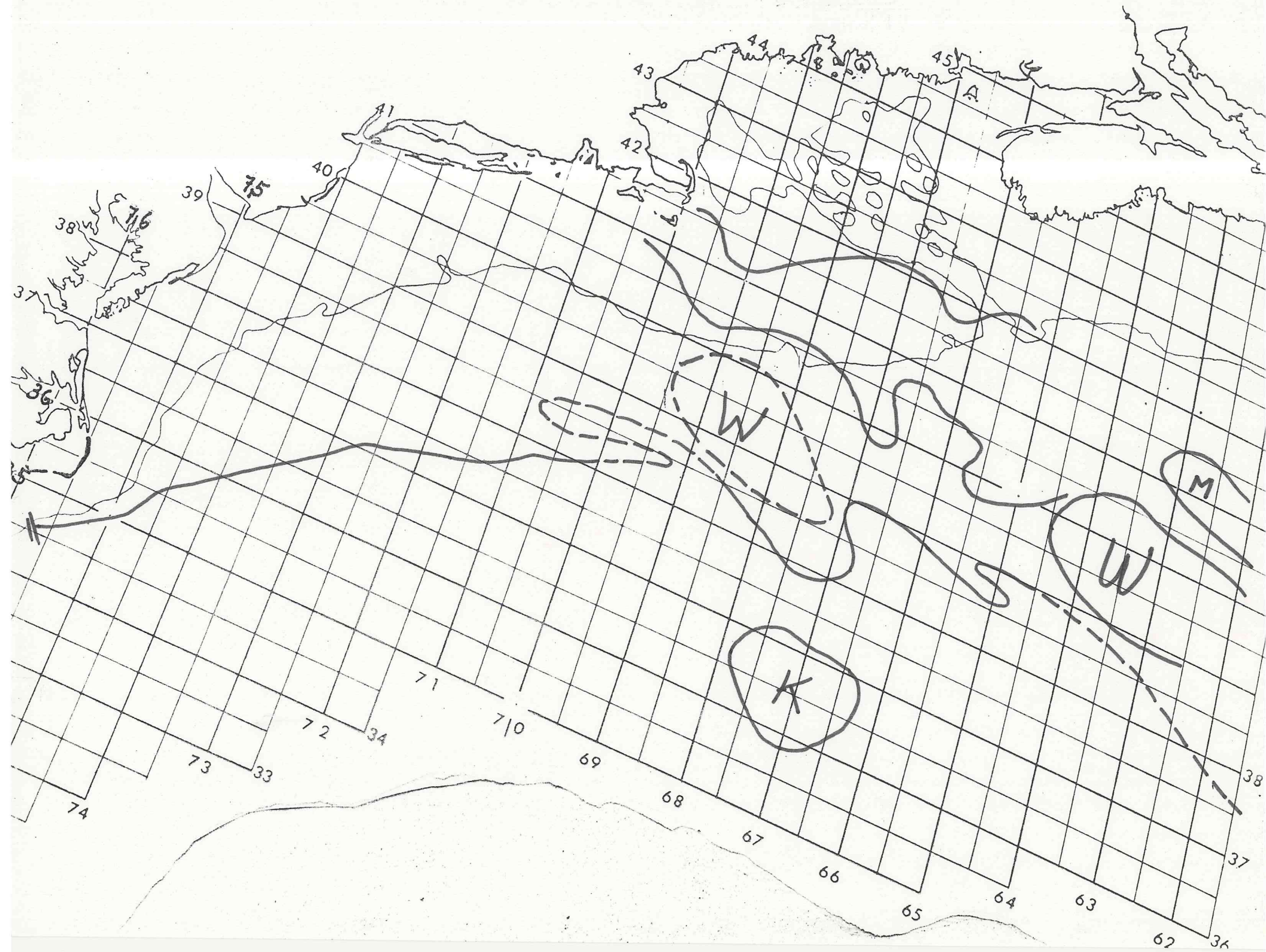
For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT  
 UPDATE  
31 July

NO DISCERNABLE  
 GRADIENTS



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 29 July 1981 PART B



1981 JUL 29 AM 9:44

MIAADMMIA  
WOUS00 KNHC 291336

ZCZC MIAADMMIA  
TBXX40 KMIA 291400  
MIAADMMIA  
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT  
29 JULY 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD  
EDGE OF THE WARMER WATER....  
.....NO DISCERNABLE GRADIENTS.....

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
D95/ M/M/29. E85/ M/M/29. F76/ M/M/29. G62/ M/M/29. H29/ M/M/29.  
I34/ M/M/29. J19/ M/M/29. K12/ M/M/29.  
D AND E DATA ARE FROM 22 JUL 81...REMAINDER ARE FROM 29 JUL 81.

GABY



NNNN ↓ ↓

ZCZC

SXNT 1 KWBC 292029

GULF STREAM LOCATION † THE LINE DESCRIBED BY THE FOLLOWING  
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/80.0	30.0/80.0	31.3/79.4	34.0/76.0
34.6/75.7	35.3/74.8	35.6/74.6	37.0/72.0
37.6/71.0	38.3/69.6	37.7/67.3	38.7/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12†15 MILES  
SEAWARD OF THIS LINE.

COLD EDDIES 36.5/66.4/75NMI DIAM 35.8/58.3/60NMI DIAM  
34.4/58.9/90NMI DIAM

WARM EDDIES 39.4/68.3/85NMI DIAM 39.7/62.9/125NMI DIAM

LATEST SATELLITE DATA 7/29/81 1200Z

Date: 31 July 1981

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

270800 306799 312794 340760 346757  
352748 355746 370725 380700 385685  
380670 390668 386650 // OCB

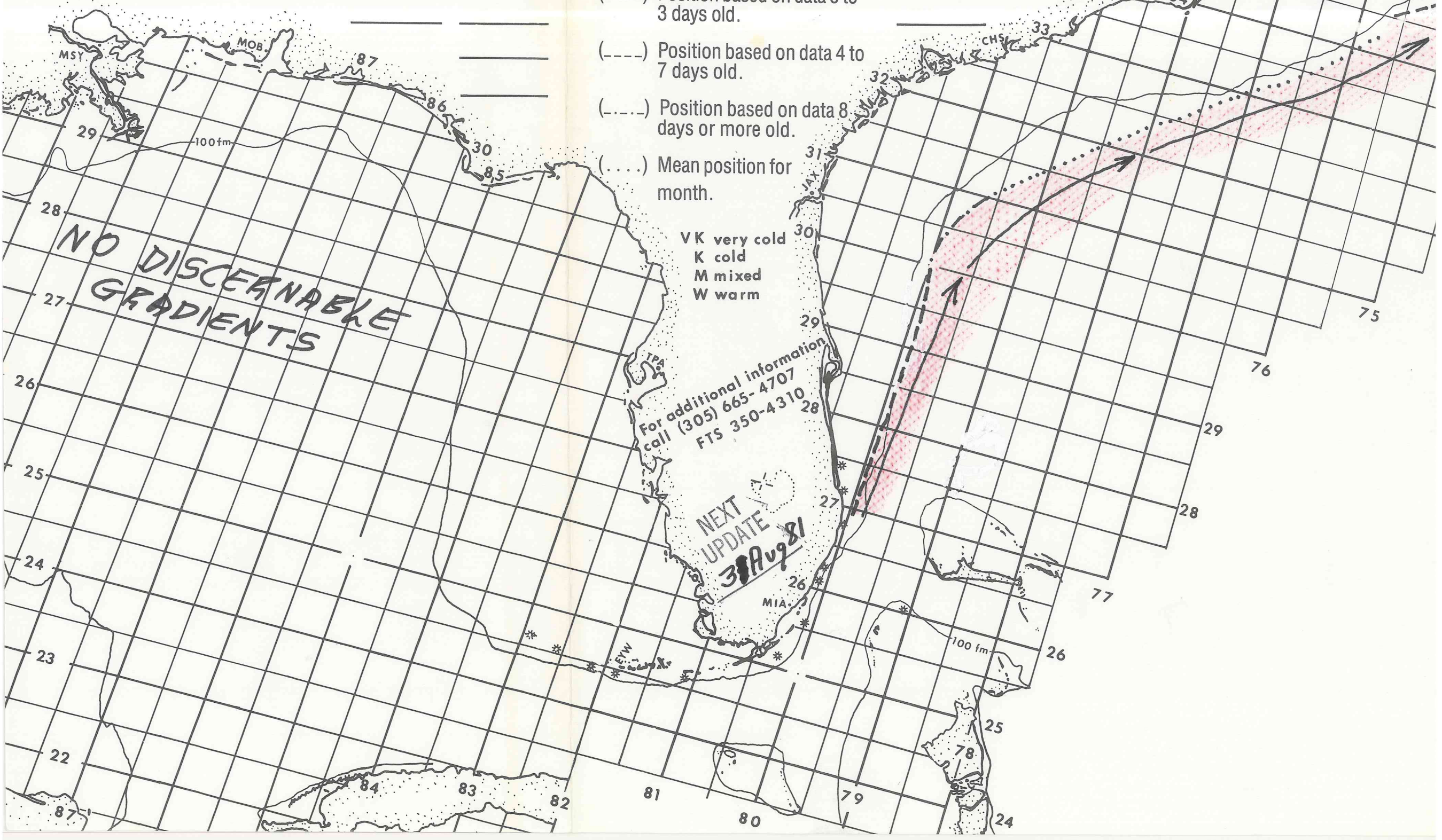
- (——) Position based on data 0 to 3 days old.
- (----) Position based on data 4 to 7 days old.
- (-----) Position based on data 8 days or more old.
- (.....) Mean position for month.

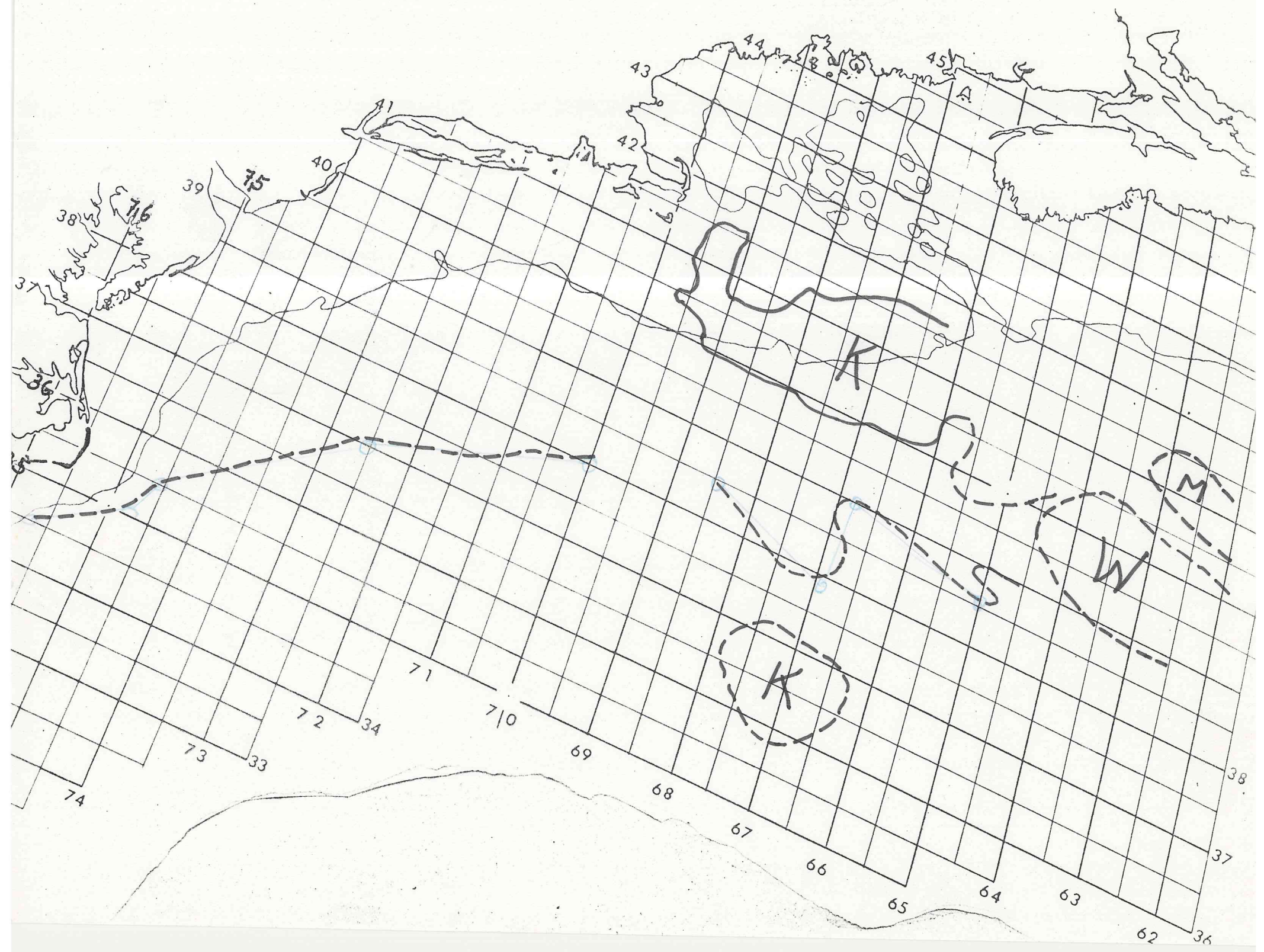
VK very cold  
 K cold  
 M mixed  
 W warm

For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT UPDATE  
31 Aug 81

NO DISCERNABLE GRADIENTS





NNNN↓

V

ZCZC

SXNTI KWBC 312120

GULF STREAM LOCATION † THE LINE DESCRIBED BY THE FOLLOWING  
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

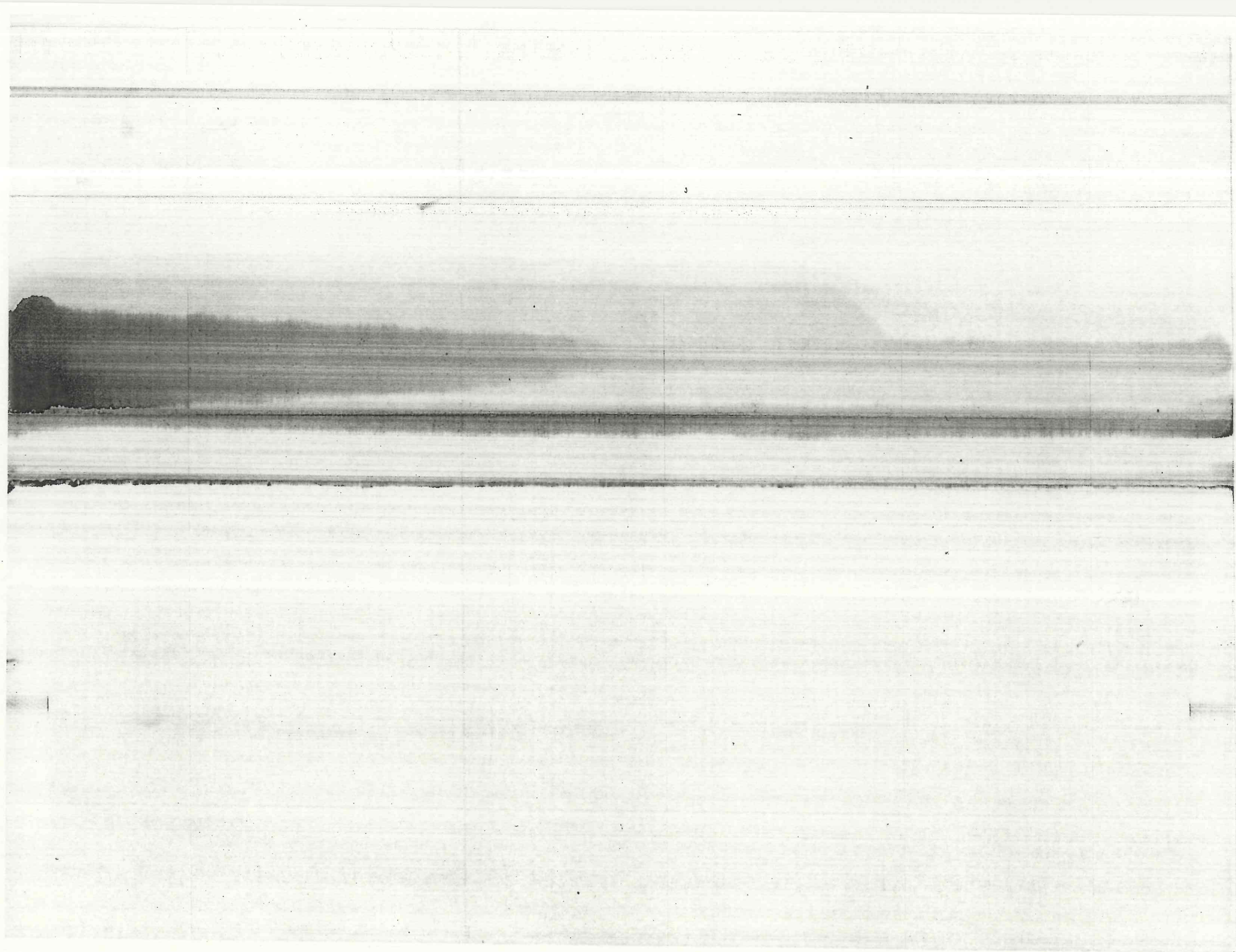
27.0/80.0	30.0/80.0	31.2/79.5	32.6/72.3
34.0/76.0	34.6/75.7	35.2/74.8	35.5/74.6
37.0/72.0	38.3/69.6	37.7/67.2	38.6/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES  
SEAWARD OF THIS LINE.

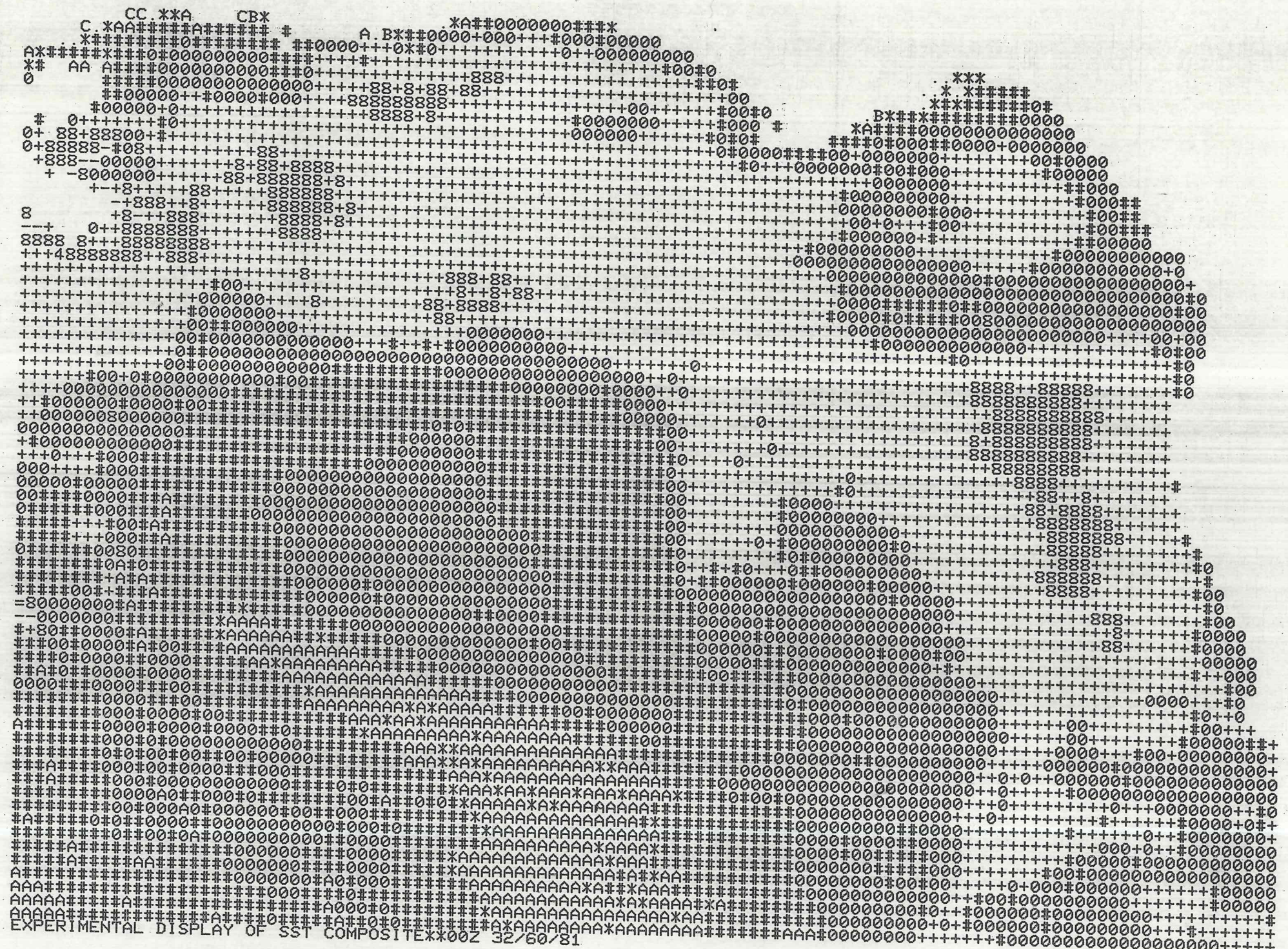
COLD EDDIESO 36.3/66.6/70 NMI DIAM@ 36.3/58.0/60 NMI DIAM@  
34.4/58.9/90 NMI DIAM.

WARM EDDIESO 40.9/51.4/70 NMI DIAM@ 39.8/62.6/130 NMI DIAM.

LATEST SATELLITE DATAO 7/31/81 1200Z.







EXPERIMENTAL DISPLAY OF SST COMPOSITE\*\*00Z 32/60/81