

Date: 3 August 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.

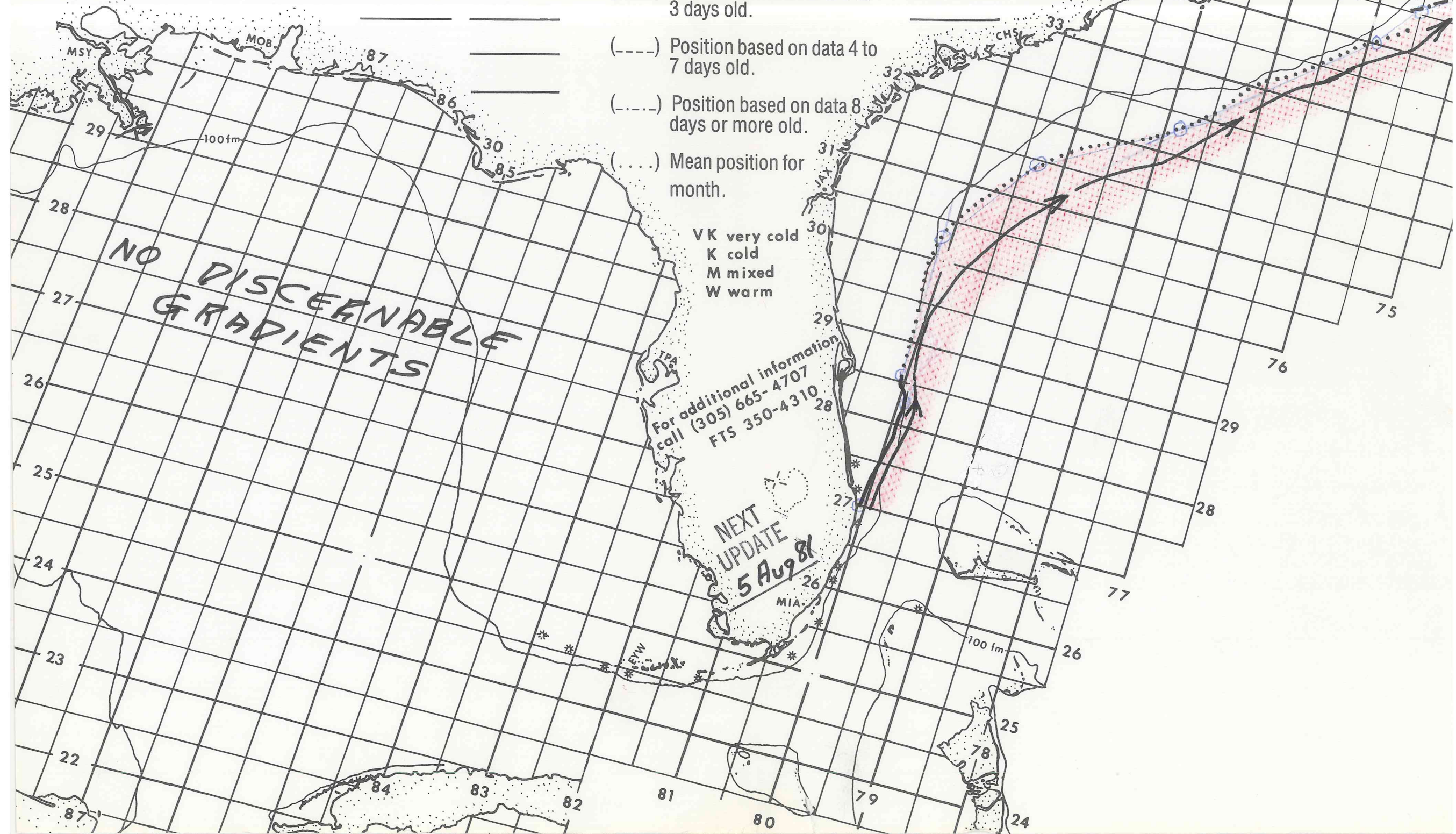
(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

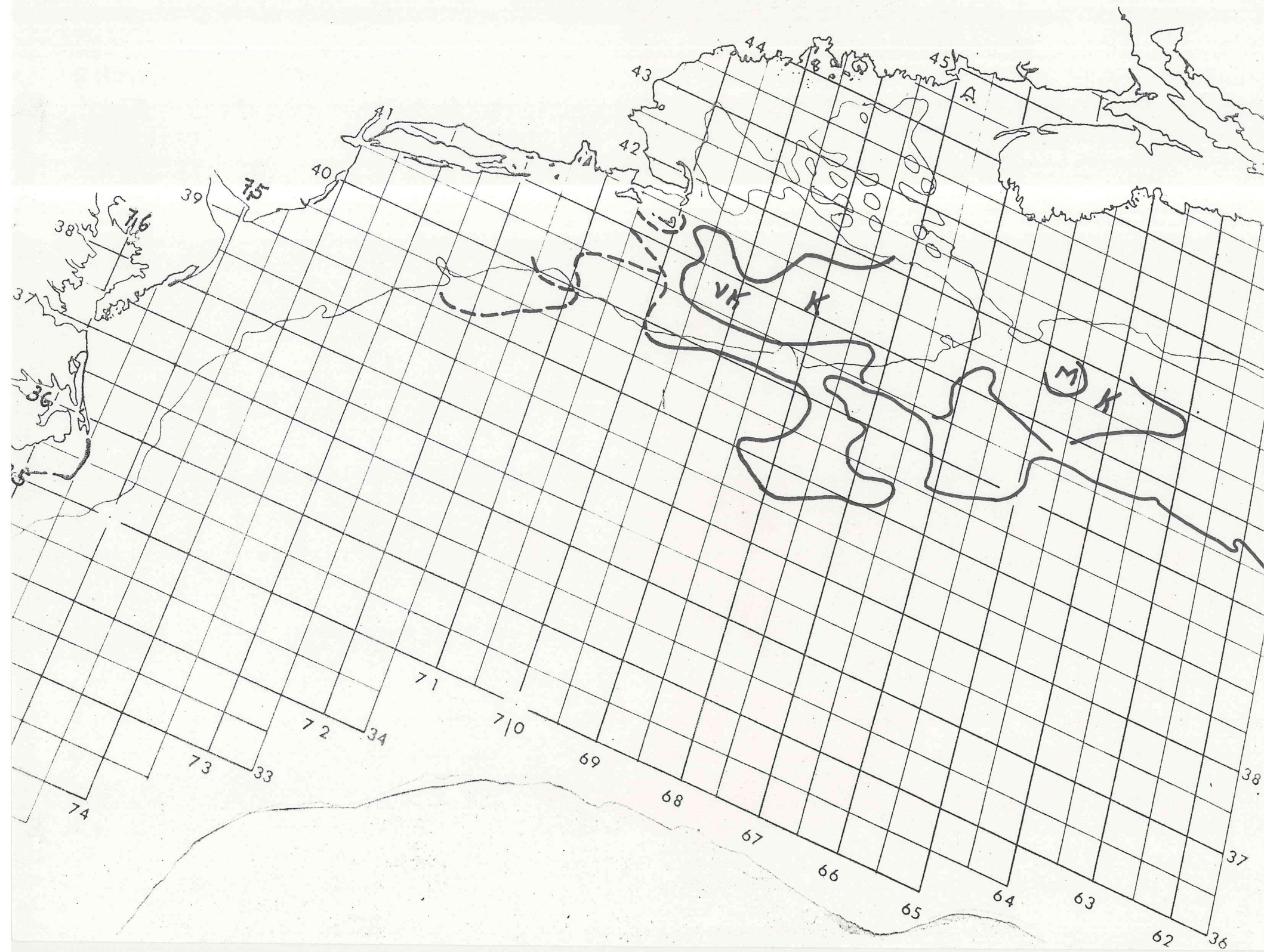
For additional information
call (305) 665-4707
FTS 350-4310

NEXT
UPDATE
5 Aug 81

270801 283799 286801 303801 315793
323778 340759 345755 348752 // LCB.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 3 August 1981 PART B



NNNN

ZCZC NIAADNNIA

TRXX40 KNIA 031530

^NIAADNNIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
3 AUGUST 1981

1981 AUG -3 AM 10 59 ✓

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...

DN/N/N/N, EN/N/N/N, FN/N/N/N, GN/N/N/N, H27/N/N/N, I33/N/N/N

J13/N/N/N, K05/N/N/N.

H THRU K DATA ARE FROM 1 AUG 81...NO DATA S OF ST. LUCIE ENTRANCE.

GARY

QCS

Letter designators for coastal lights referenced in Miami SFSS Gulf Stream System Information for NWR

- | | |
|--|---|
| () A - | (64) L - Lake Worth Inlet Lighted Bell Buoy 2LW |
| () B - | (66) M - Hillsboro Inlet Light |
| (35) C - Brunswick Lighted Whistle Buoy 2B | (68) N - Port Everglades Lighted Whistle Buoy 1 |
| (40) D - St. Marys Entrance Lighted Whistle Buoy STM 1 | (74) O - Fowey Rocks Light |
| (43) E - St. Johns Lighted Whistle Buoy 2 St.J. | (79) P - Elbow Reef Light B |
| (45) F - St. Augustine Lighted Whistle Buoy St. A. | (84) Q - Sombrero Key Light |
| (49) G - Ponce de Leon Inlet Lighted Bell Buoy 2 | (91) R - Sand Key Light |
| (52) H - Southeast Outer Shoal Lighted Bell Buoy 2
27/M/M/M | (92) S - Cosgrove Shoal Light |
| (3.10) I - Sebastian Inlet North Jetty Light
33/M/M/M | (94) T - Rebecca Shoal Light |
| (57) J - Fort Pierce Inlet Lighted Whistle Buoy 2
13/M/M/M | (95) U - Dry Tortugas Light |
| (61) K - St. Lucie Entrance Lighted Whistle Buoy 2
5/M/M/M | |

DATE: 3 Aug. 1981

Date: 5 August 1981

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(——) 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.

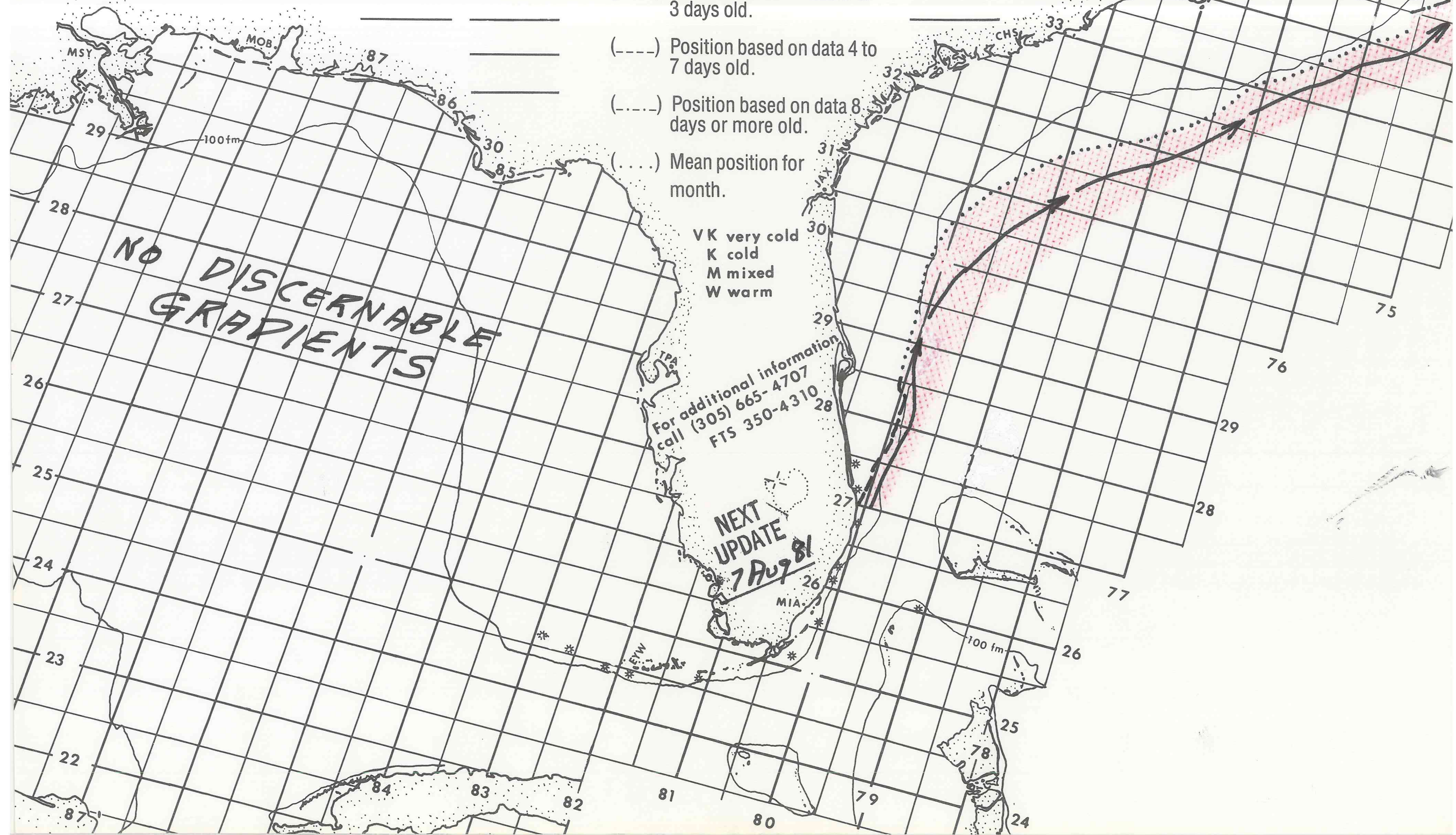
(.....) Mean position for month.

VK very cold
K cold
M mixed
W warm

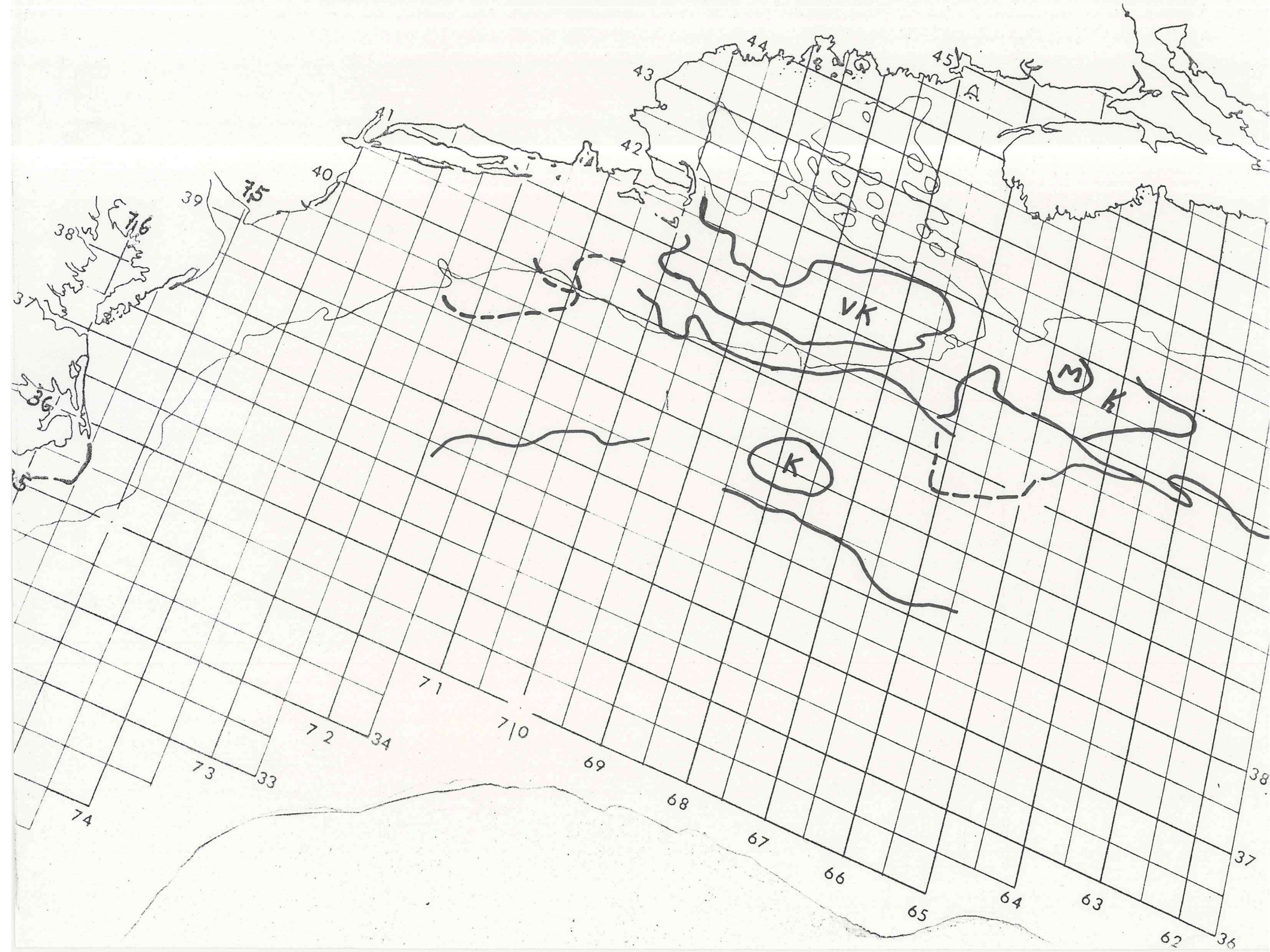
For additional information
call (305) 665-4707
FTS 350-4310

NEXT
UPDATE
7 Aug 81

270801 283799 286801 303801 315793
323778 340759 345755 348752 // R.C.G.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 5 August 19 81 PART B



V

ZCZC

SXNTI KWPC 051952

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

28.0/79.8	29.0/80.0	30.0/80.0
31.4/79.5	32.4/77.2	34.4/75.6
34.7/75.3	36.1/74.0	37.6/71.0
37.8/70.0	38.5/69.1	38.4/67.2
38.0/66.0	38.4/65.0	

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

COLD EDDIES 36.3/66.6/65NMI DIAM 35.5/64.4/60NMI DIAM
36.4/58.4/60NMI DIAM

WARM EDDIES 39.6/68.5/45NMI DIAM 39.9/62.9/95NMI DIAM
41.0/51.6/60NMI DIAM

LATEST SATELLITE DATA 8/5/81 1200Z

ZCZC MIAADMMIA
TBXX40 KMIA 051500
↑MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
5 AUGUST 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....
DM/M/M/M. EM/M/M/M. FM/M/M/M. GM/M/M/M. H27/M/M/M. I33/M/M/M
J13/M/M/M. K05/M/M/M.
H THRU K DATA ARE FROM 1 AUG 81...NO DATA S OF ST. LUCIE ENTRANCE.

GABY

NNNN

1981 AUG -5 AM 9:28

1981 AUG -5 AM 9: 52

NNNN

ZCZC MIAR0NNIA

TXXX40 KMIA 051500

MIAR0NNIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

5 AUGUST 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...

0N/N/N/N, 0E/N/N/N, 0F/N/N/N, 0G/N/N/N, H27/N/N/N, I33/N/N/N

J13/N/N/N, K05/N/N/N,

H THRU K DATA ARE FROM 1 AUG 81...NO DATA S OF ST. LUCIE ENTRANCE.

GARY

NNNN

Date: 7 Aug 1981

Depicted land should not be used for navigation.

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- (——) 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.

270801 274800 277800 280802 287800
295804 310803 310797 315793 325776
330771 346753 // SWW



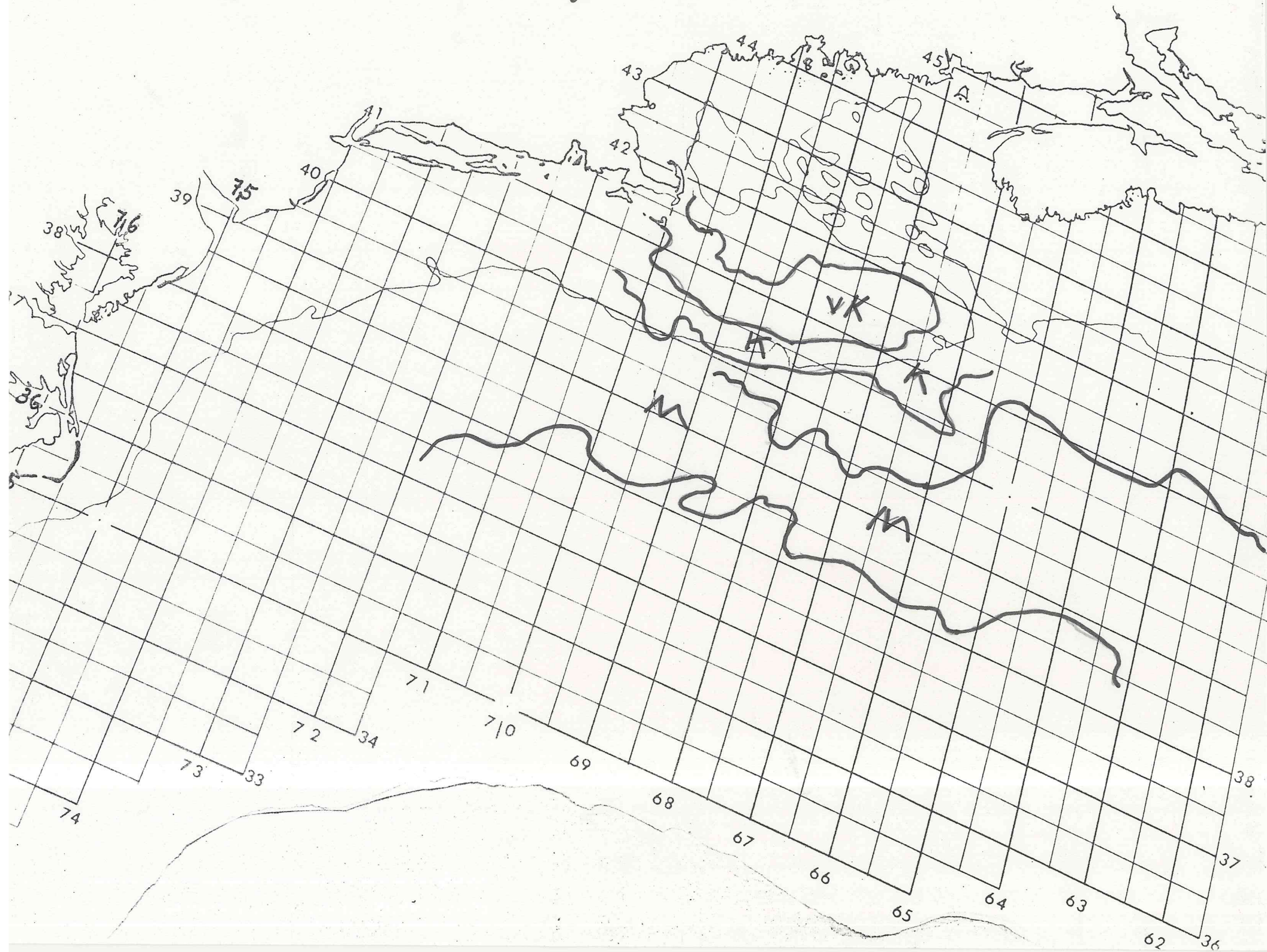
NO DISCERNABLE GRADIENTS

VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
 10 Aug 81

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 7 Aug 1981 PART B



Date: 7 Aug 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.

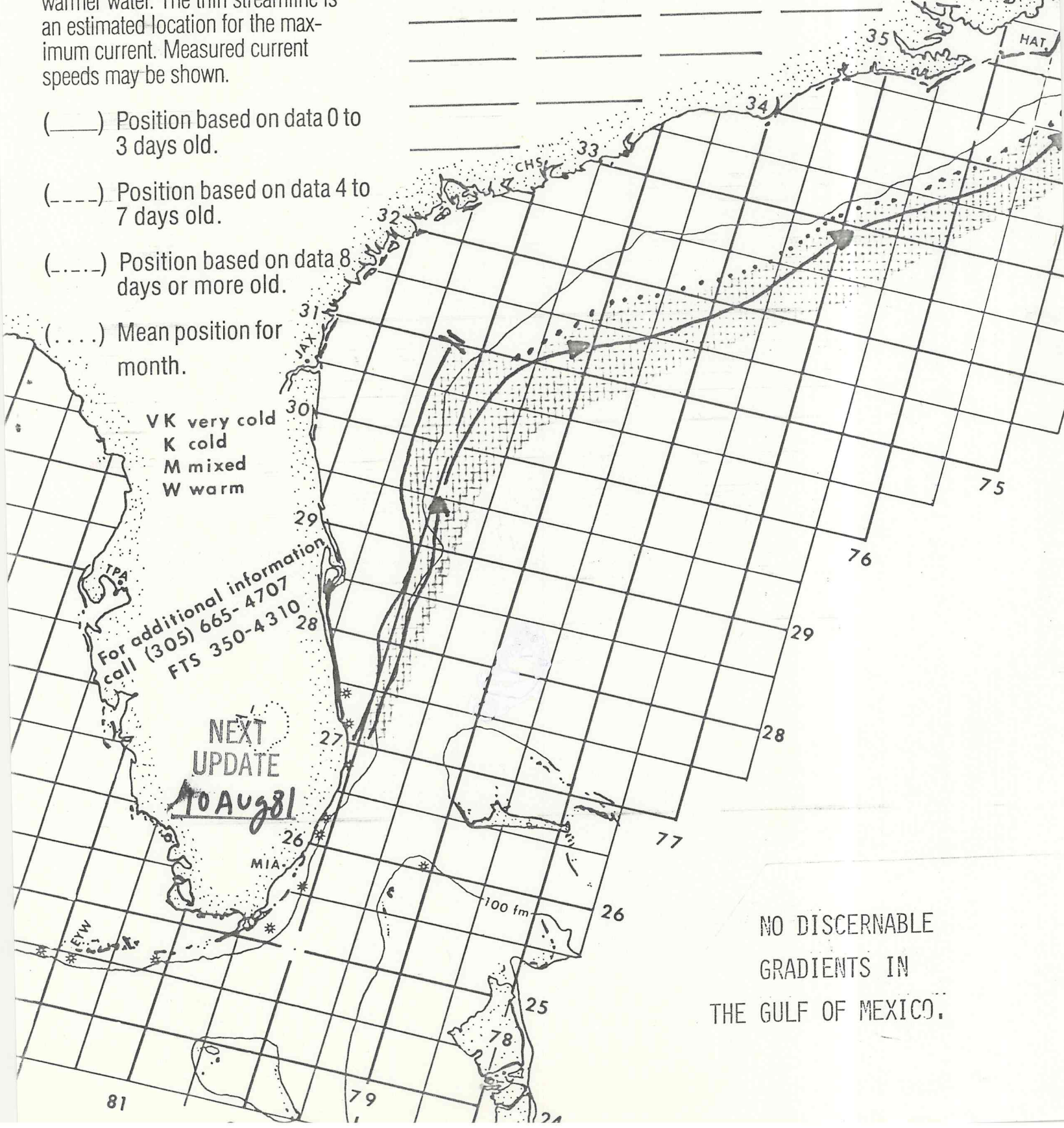
(.....) Mean position for month.

VK very cold
K cold
M mixed
W warm

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

NEXT
UPDATE
10 Aug 81

270801 274800 277800 280802 287800
295804 310803 _____ 315793 325776
330771 346753 //SWW _____



NO DISCERNABLE
GRADIENTS IN
THE GULF OF MEXICO.

NNNN

ZCZC NIAADNMIA

TXXX40 KNIA 071600

NIAADNMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

07 AUGUST 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...

D60/ N/N/N, E60/ N/N/N, F51/ N/N/N, G43/ N/N/N, H20/ N/N/N,

I25/ N/N/N, J14/ N/N/N, K04/ N/N/N,

H THRU K DATA ARE FROM 07 AUG 81...NO DATA S OF LUCIE ENTRANCE.

WRIGHT

60 :11 MV 2- 90V 1861

NNNN

NNNN↓
ZCZC

SXNT1 KWBC 072145Z

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

28.0/79.8 29.0/80.0 30.0/80.1
31.6/79.4 32.0/78.4 34.0/76.0
36.0/74.0 37.7/70.7 37.6/70.0
38.3/68.7 38.4/67.5 38.3/66.6
38.0/66.0 37.9/65.5 38.0/65.0

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

COLD EDDIES 36.3/66.6/65 NMI. DIAM⊙ 35.5/64.4/60 NMI DIAM⊙
36.4/58.4/60 NMI. DIAM⊙

WARM EDDIES 39.5/69.4/55 NMI. DIAM⊙ 39.9/62.9/95 NMI DIAM⊙
41.0/51.6/60 NMI. DIAM⊙

LATEST SATELLITE DATA 8/7/81 1200Z

NNNN↓

Date: Aug 10 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.

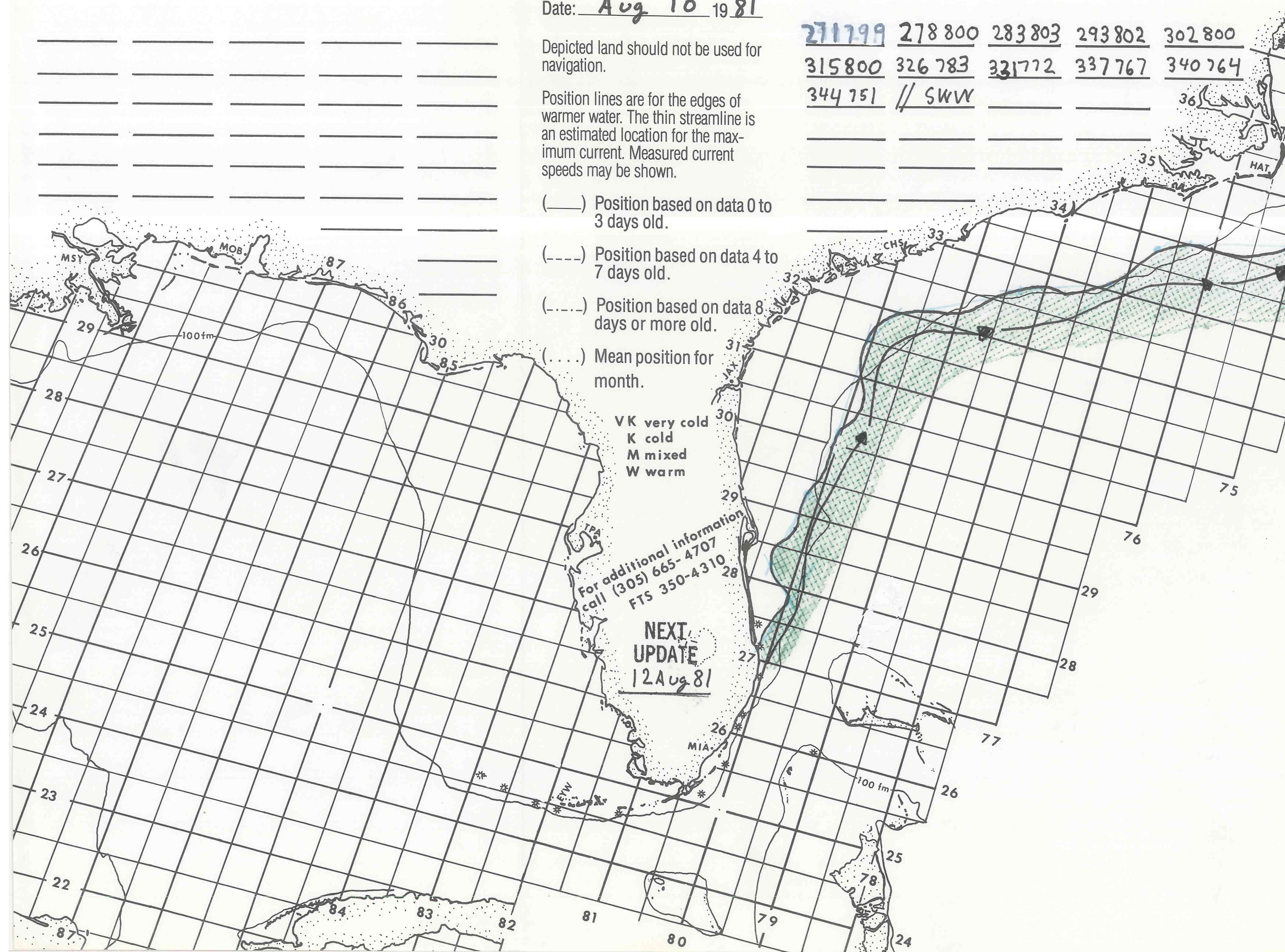
- (——) Position based on data 0 to 3 days old.
- (----) Position based on data 4 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (....) Mean position for month.

VK very cold
K cold
M mixed
W warm

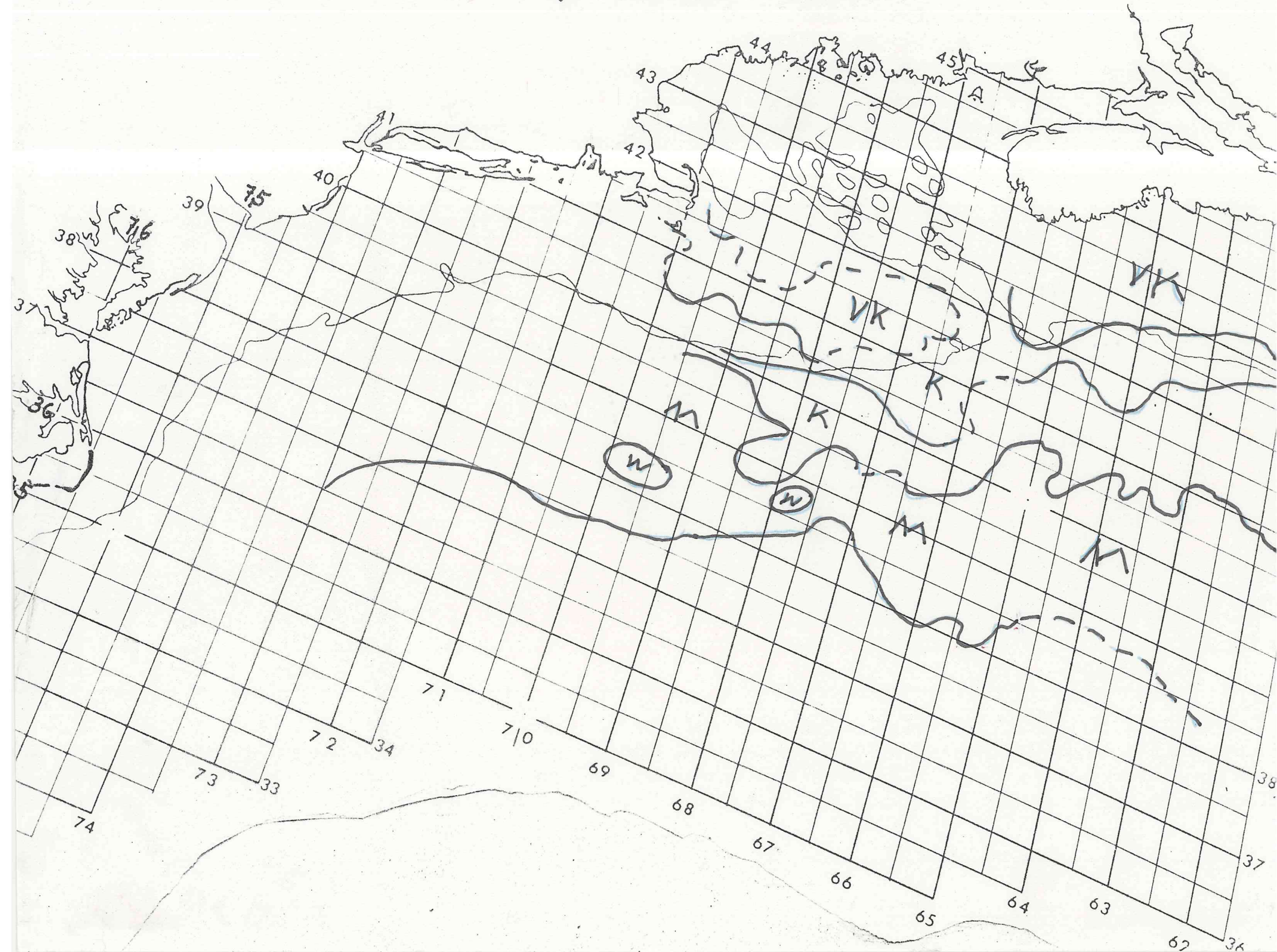
For additional information
call (305) 665-4707
FTS 350-4310

**NEXT
UPDATE**
12 Aug 81

<u>271799</u>	<u>278800</u>	<u>283803</u>	<u>293802</u>	<u>302800</u>
<u>315800</u>	<u>326783</u>	<u>331772</u>	<u>337767</u>	<u>340764</u>
<u>344751</u>	// SWW			



MIAMI SFSS ANALYSIS OF THE GULF STREAM: Aug 10 1981 PART B



NNNNRTT

ZCZC MIADMMIA

1981 AUG 10 AM 11:36

TAXX40 KNIA 101530

MIADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
10 AUGUST 1981

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

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

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

B92/M/M/M, E90/M/M/M, F74/M/M/M, G47/M/M/M, H05/M/M/M, I33/M/M/M,
J08/M/M/M.

D THRU J DATA ARE FROM 10 AUG 81...NO DATA S OF FORT PIERCE INLET.

WRIGHT

NNNN

Date: 12 AUG 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.

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

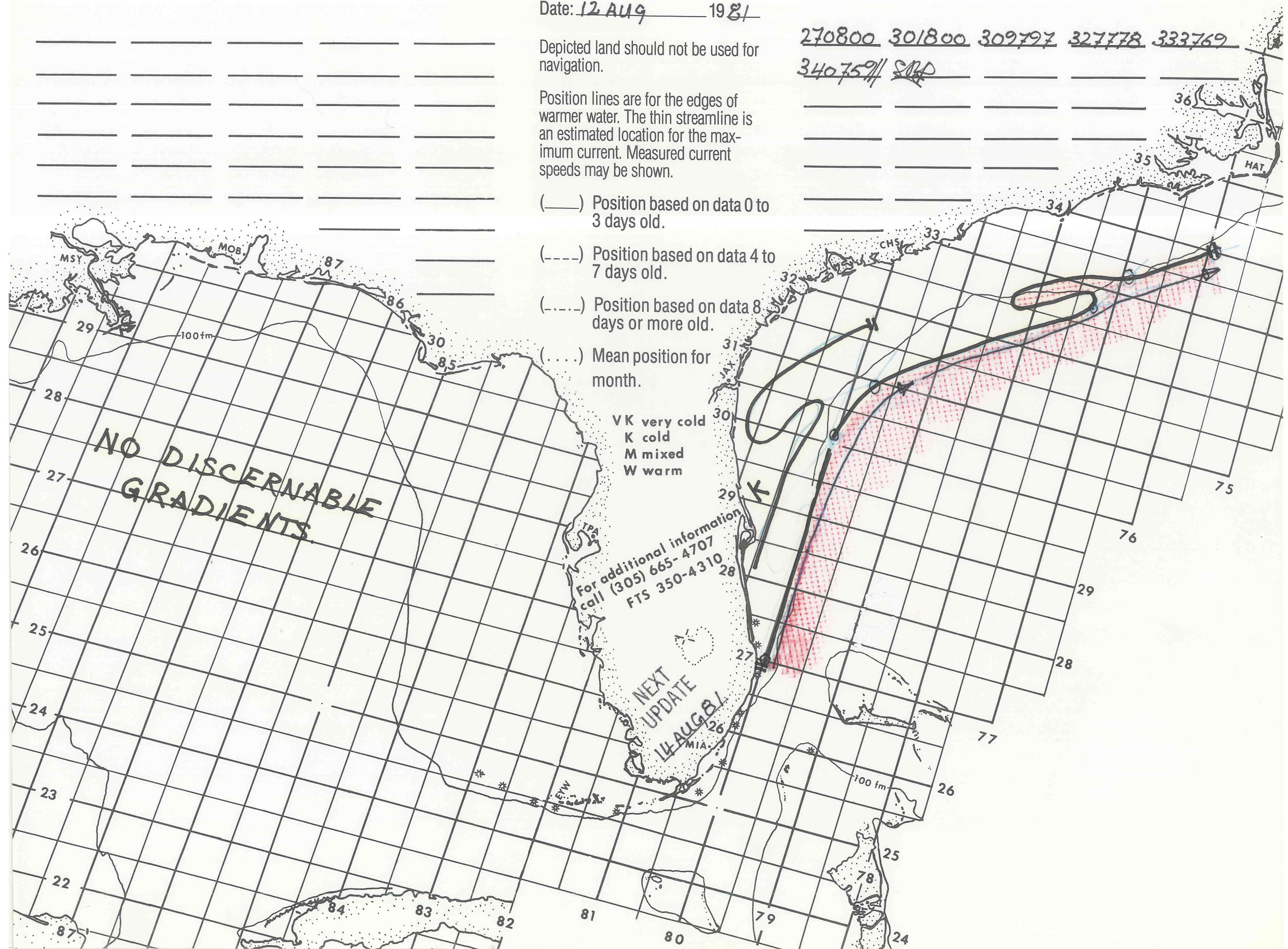
VK very cold
K cold
M mixed
W warm

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

NEXT
UPDATE
14 AUG 81

270800 301800 309797 327778 333769
340759// SMD

NO DISCERNABLE
GRADIENTS



NNNN

ZCZC NTAADNNTA

1981 AUG 12 AM 11: 12

TRXX40 KNIA 121500

NTAADNNTA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
12 AUGUST 1981

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

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

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

B90/N/W/30. F86/N/W/30. F73/N/W/30. G55/N/W/30. H25/N/W/30.

I20/N/W/30. J16/N/W/30. K10/N/W/30.

ALL DATA ARE CURRENT.

COLD UPWELLED WATER IS OBSERVED BETWEEN THE SHORE AND THE SHOREWARD
EDGE OF THE GULF STREAM.

DATA

NNNN↓A
ZCZC WBC187
SXNT1 KWBC 101930

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

27.1/79.9	27.9/80.0	28.3/80.3	29.3/80.2
30.2/80.0	30.5/79.8	31.5/80.1	32.0/79.8
32.6/78.3	33.1/77.2	33.7/76.7	34.0/76.4
34.0/75.7	36.0/74.0	37.7/70.8	37.9/68.6
38.5/67.6	38.5/67.0	38.0/66.4	38.0/65.3
38.2/65.0			

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

COLD EDDIES...36.3/66.6/65 NMI DIAM..35.5/64.4/60 NMI DIAM...
36.-

NNNN↓A
ZCZC WBC711
TBXX40 KMIA 121500
↑MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
12 AUGUST 1981

1981 AUG 12 PM 12:15

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...
D90/M/M/30. E86/M/M/30. F73/M/M/30. G55/M/M/30. H25/M/M/30.
I30/M/M/30. J16/M/M/30. K10/M/M/30.

ALL DATA ARE CURRENT.
COLD UPWELLED WATER IS OBSERVED BETWEEN THE SHORE AND THE SHOREWARD
EDGE OF THE GULFSTREAM.
BAIG

NNNN JV

ZCZC
SXNT1 KWBC 121900
GULF STREAM LOCATION ↑ THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/80.0	30.1/80.0	30.9/79.7	32.7/77.8
33.3/76.9	34.0/75.9	36.0/74.0	37.7/70.8
37.9/68.6	38.5/67.6	38.5/67.0	38.0/66.4
38.0/65.3	38.2/65.0		

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

COLD EDDIESO 36.3/66.6/65 NMI DIAM@ 35.5/64.4/60 NMI DIAM@
36.4/58.4/60 NMI DIAM.
WARM EDDIESO 39.5/69.4/55 NMI DIAM@ 39.7/62.2/120 NMI DIAM@
41.0/51.6/60 NMI DIAM.
LATEST SATELLITE DATAO 8/12/81 1200Z

Date: 14 AUG 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.

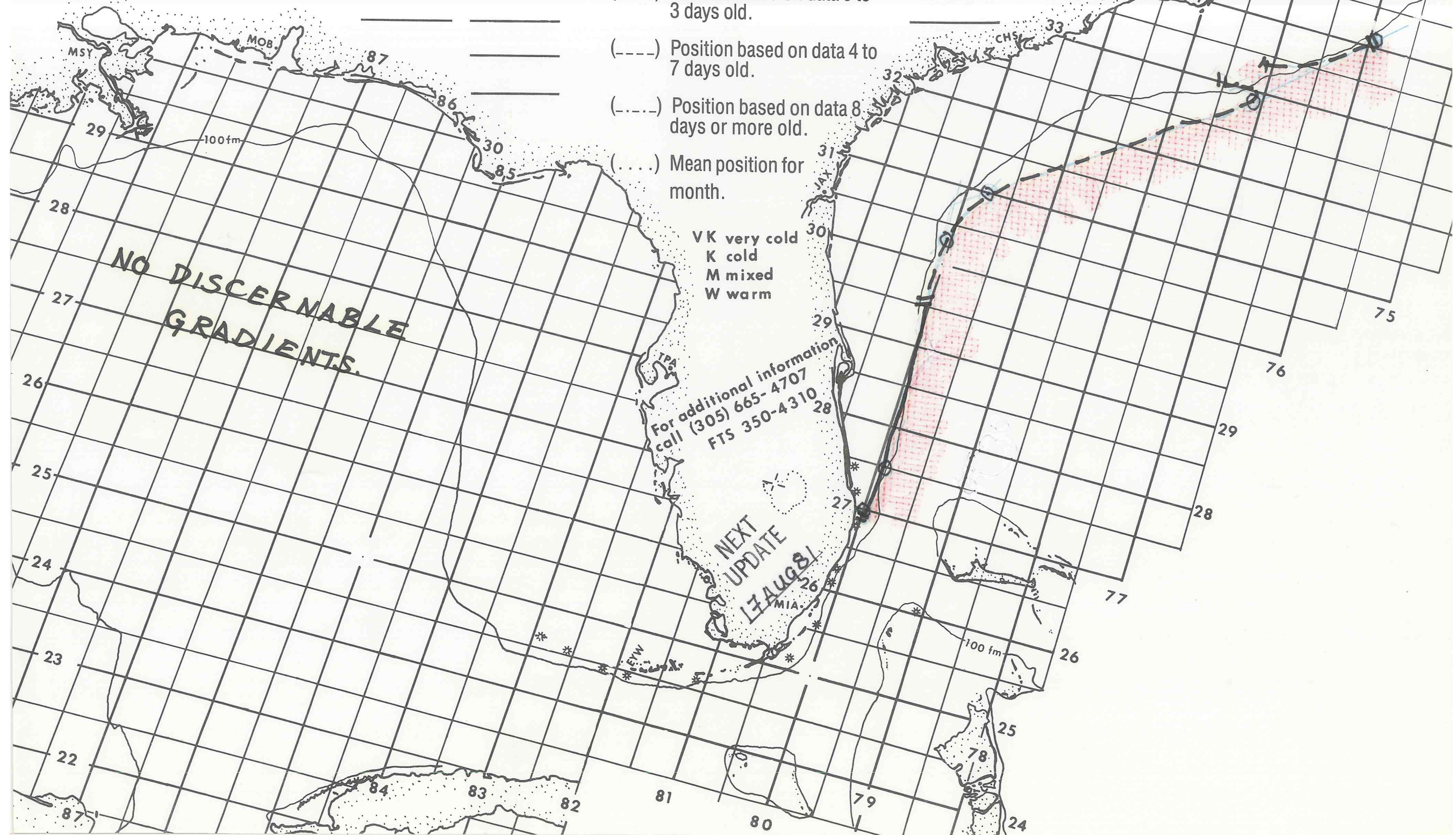
- (——) Position based on data 0 to 3 days old.
- (- - - -) Position based on data 4 to 7 days old.
- (. . . .) Position based on data 8 days or more old.
- (. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

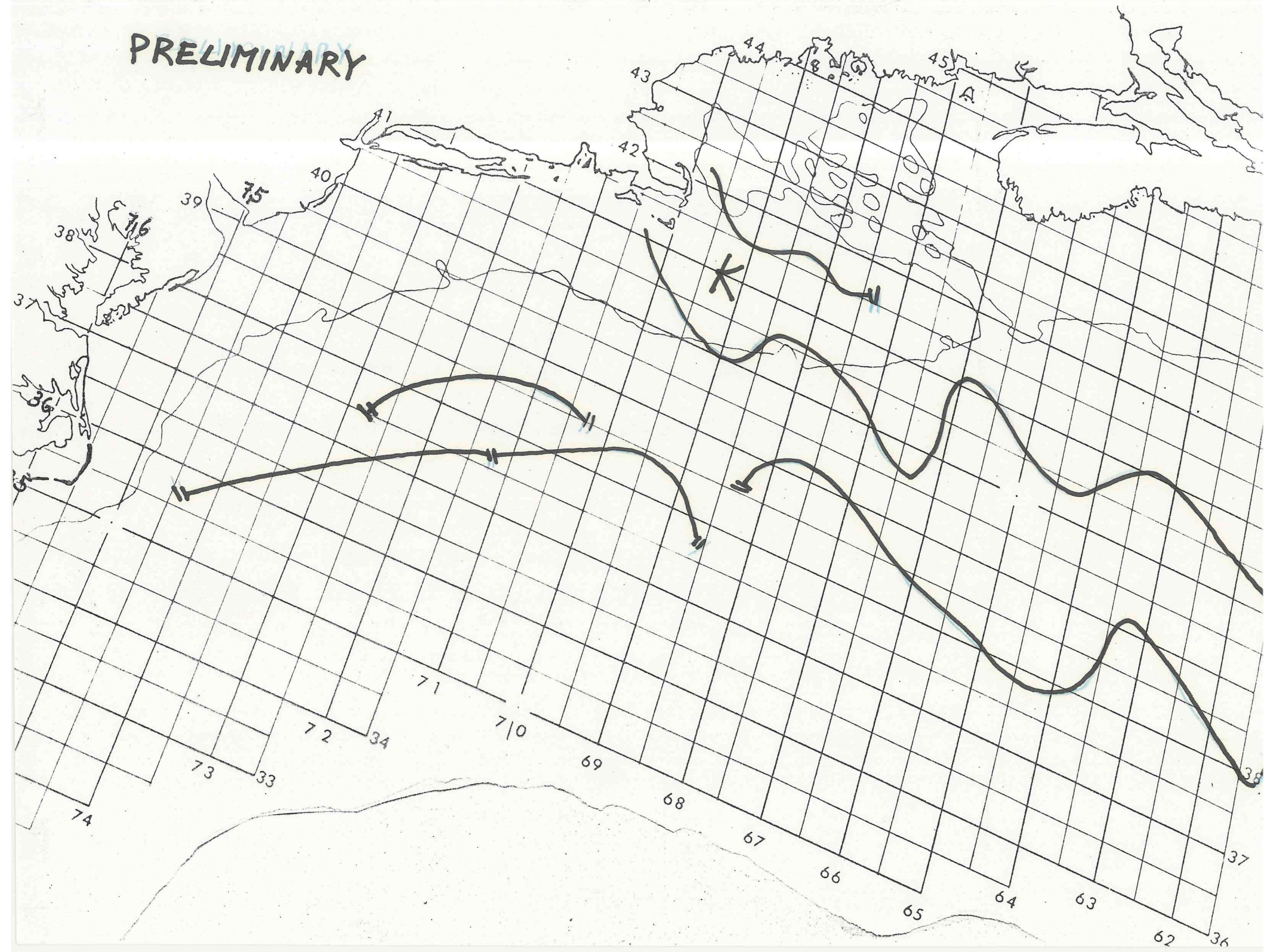
For additional information
call (305) 665-4707
FTS 350-4310

NEXT
UPDATE
18 AUG 81

270800 275799 303801 310798 329771
341759// SLP



PRELIMINARY



NNNN↓↓A

ZCZC WBC239

SXNT1 KWBC 142009

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

27.0/80.0	37.5/79.9	30.3/80.1	31.0/79.8
32.9/77.1	34.1/75.9	35.4/74.9	37.3/72.3
38.4/69.5	37.7/68.6	37.8/68.0	38.7/67.2
38.3/65.0			

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

COLD EDDIESO 36.5/59.2/60NMI DIAM

WARM EDDIESO 39.4/70.2/65 NMI DIAM 40.2/62.2/125 NMI DIAM
44.5/47.8/60NMI DIAM

LATEST SATELLITE DATAO 8/14/81 1200Z

NNNN JV

ZCZC

SXNT1 KWRC 142009

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

27.0/80.0	37.5/79.9	30.3/80.1	31.0/79.8
32.9/77.1	34.1/75.9	35.4/74.9	37.3/72.3
38.4/69.5	37.7/68.6	37.8/68.0	38.7/67.2
38.3/65.0			

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

COLD EDDIES 36.5/59.2/60NMI DIAM

WARM EDDIES 39.4/70.2/65 NMI DIAM 40.2/62.2/125 NMI DIAM
44.5/47.8/60NMI DIAM

LATEST SATELLITE DATA 8/14/81 1200Z

NNNN↓↓//←↓↓A

ZCZC WBC 32

TBXX40 KMIA 141200

↑MIAADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
14 AUGUST 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/30. E80/M/M/30. F70/M/M/30. G56/M/M/30. H27/M/M/30.

I31/M/M/30. J20/M/M/30. K11/M/M/30.

D..E..AND F DATA BASED ON OBSERVATIONS OF 12 AUG 81. REMAINDER ARE
CURRENT.

BAIG

NNNN

1981 AUG 14 AM 8:03

ZCZC MIAAAMMIA

TRVXAR KMTA 141200

*MIAAAMMIA

MIAMI SERS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
14 AUGUST 1981

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

MIAMI SERS SELECTED GULF STREAM DATA FOR NOAA WEATHER RADIO...
086/M/M/30. F80/M/M/30. F70/M/M/30. 056/M/M/30. 427/M/M/30.
124/M/M/30. 120/M/M/30. 044/M/M/30.
R. F. AND F DATA BASED ON OBSERVATIONS OF 12 AUG 81. REMAINDER ARE
CURRENT.
DATA

NNNN

Date: 17 AUG 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 275799 304801 310798 322782
326775 340762 354750 366735 374715
379705 381686 376681 376676 36
386662 380650 // SLP

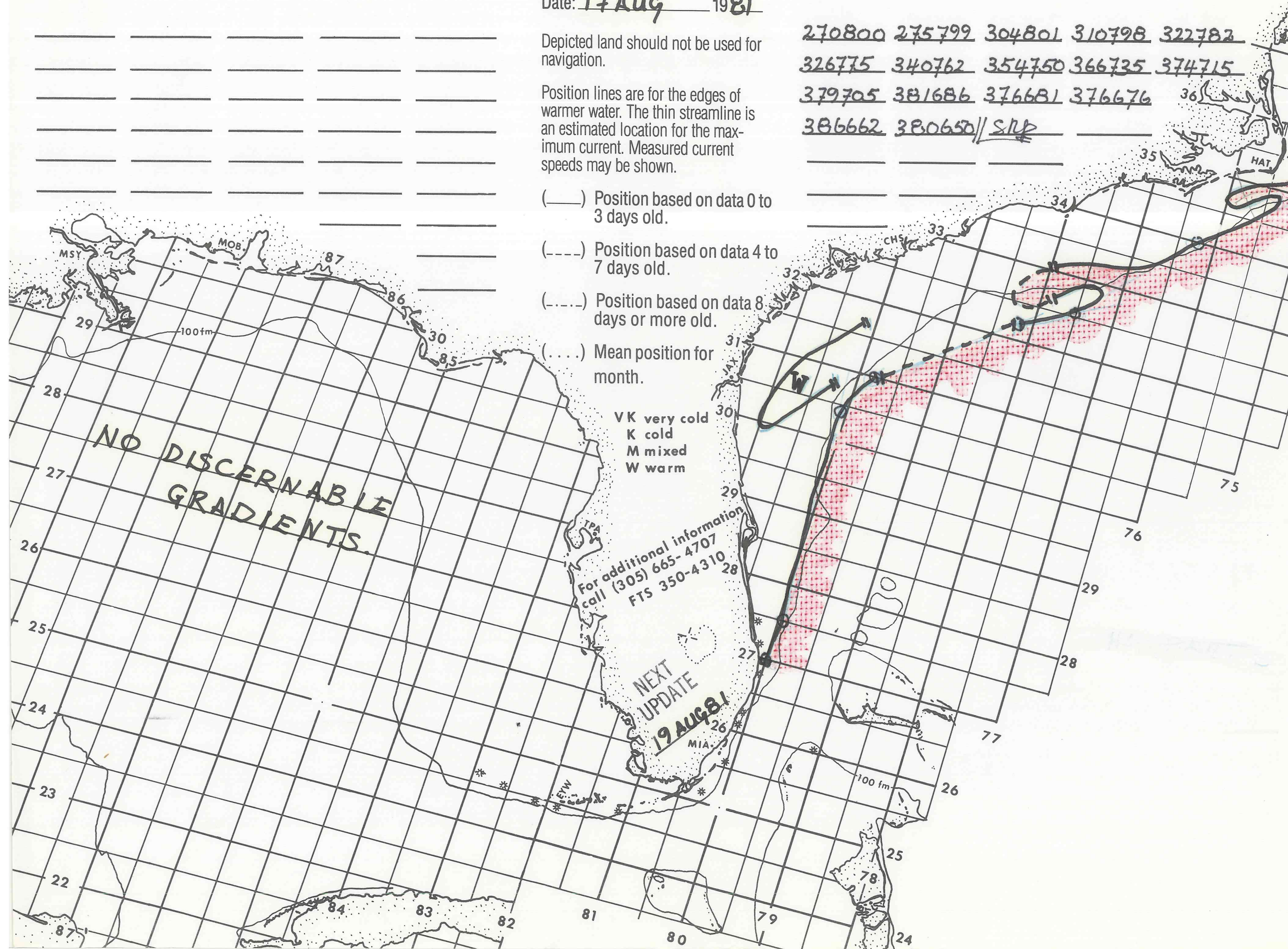
- (—) Position based on data 0 to 3 days old.
- (---) Position based on data 4 to 7 days old.
- (- - - -) Position based on data 8 days or more old.
- (....) Mean position for month.

VK very cold
 K cold
 M mixed
 W warm

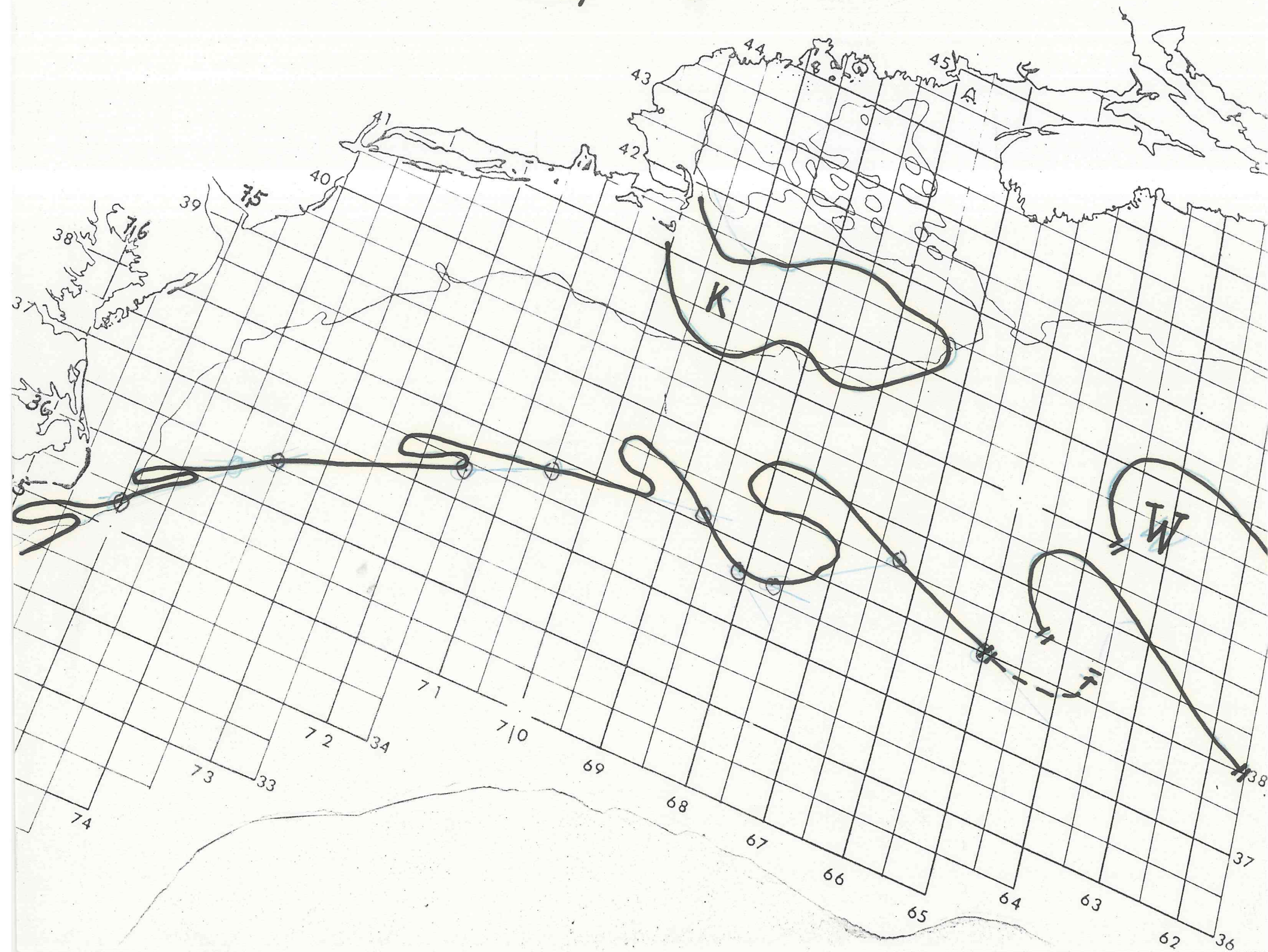
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT
 UPDATE
 19 AUG 81

NO DISCERNABLE
 GRADIENTS.



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



MIAADMMIA
WOUS00 KNHC 171501

ZCZC MIAADMMIA
IBXX40 KMIA 171500

MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
17 AUGUST 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...
D84/M/M/30. E77/M/M/30. F69/M/M/30. G51/M/M/30. H24/M/M/30.
I29/M/M/30. J17/M/M/30. K09/M/M/30.
ALL DATA ARE CURRENT.

BAIG

NNNN

NNNN↓A

ZCZC WBC123

SXNT1 KWBC 171930

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

27.0/80.0 27.5/79.9 30.4/80.1 31.0/79.8

32.2/78.2 32.6/77.5 34.0/76.2 35.4/75.0

36.0/74.4 36.9/72.7 37.7/71.7 37.9/70.9

38.3/69.3 38.0/68.5 38.0/67.6 38.6/71.3

38/4/65.0

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

COLD EDDIES NONE DISCERNABLE

WARM EDDIES 39.4/70.2/65 NMI. DIAM 40.2/62.2/125 NMI DIAM.

LATEST SATELLITE DATA 8/17/81 1200Z

NNNN ↓V

ZCZC

SXNT1 KWBC 192048

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

27.0/80.0 28.5/80.0 30.4/80.1 31.1/79.8

31.7/78.1 38.0/76.9 35.9/74.4 38.2/70.6

37.9/70.0 38.0/68.7 38.9/65.8 38.7/65.0

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

COLD EDDIESO NONE DISCERNABLE

WARM EDDIESO 39.3/69.9/60 NMI. DIAM.

LATEST SATELLITE DATAO 8/17/81 AT 1200Z

Date: 19 AUG 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.

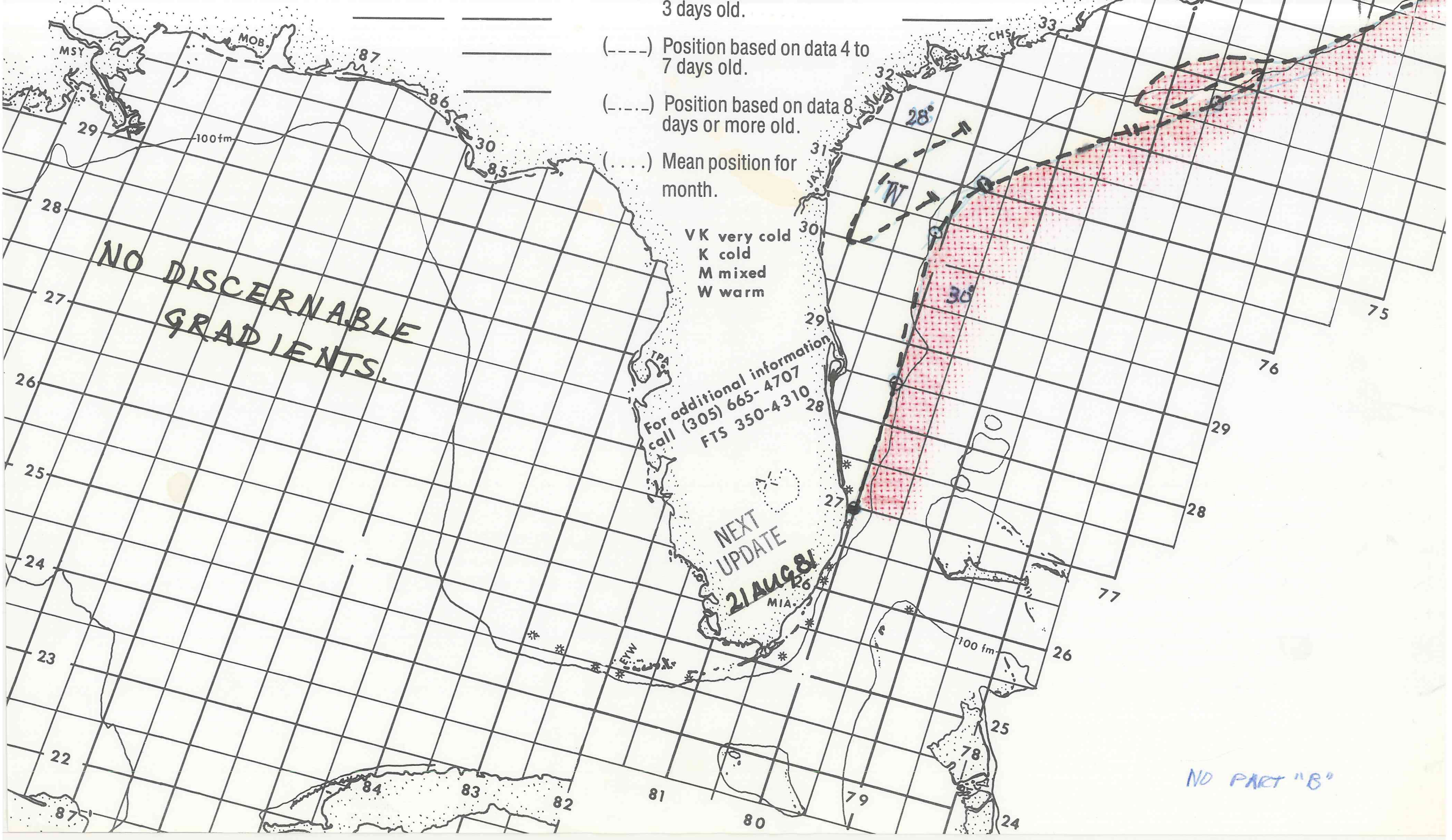
270800 285800 304801 311797 327774
363739 366735 374715 379705 381686
376681 376676 386662 380650 // 36

- (——) 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
 21 AUG 81



NO DISCERNABLE GRADIENTS.

NO PART "B"

ZCZC MIAADMMIA
TBXX40 KMIA 191300
↑MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
19 AUGUST 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...
D82/M/M/30. E79/M/M/30. F69/M/M/30. G50/M/M/30. H24/M/M/30.
I30/M/M/30. J15/M/M/30. K08/M/M/30.

ALL DATA ARE FROM 17 AUG 81.
A 30 NM WIDE BAND OF WARM WATER IS OBSERVED ABOUT MIDWAY BETWEEN
THE SHORELINE AND THE EDGE OF THE GULFSTREAM FROM D THRU F.
BAIG

1981 AUG 19 AM 9:24

NNNN

Date 21 AUG 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.

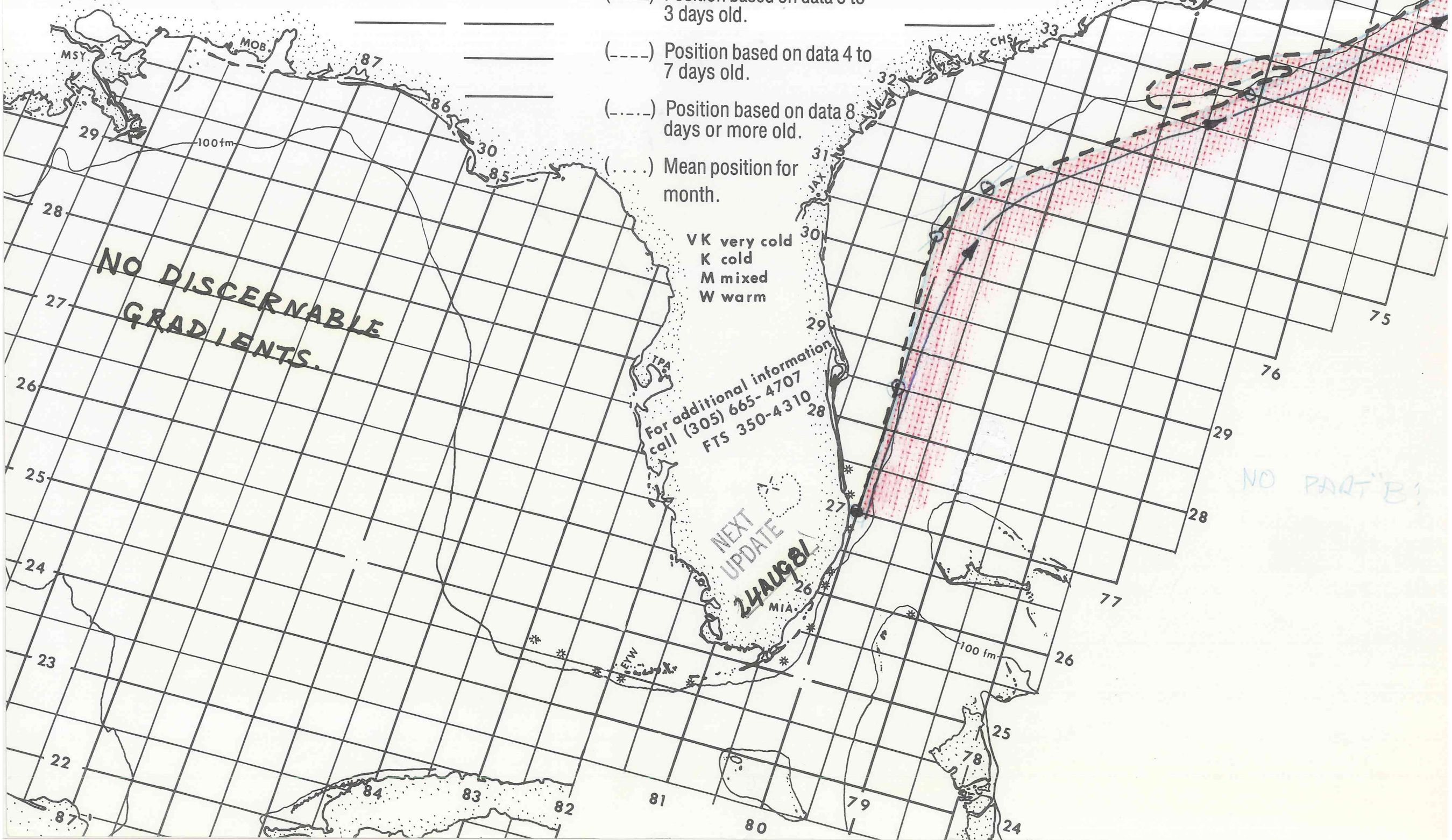
- (——) Position based on data 0 to 3 days old.
- (----) Position based on data 4 to 7 days old.
- (- - - -) Position based on data 8 days or more old.
- (.....) Mean position for month.

VK very cold
K cold
M mixed
W warm

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

NEXT
UPDATE
24 AUG 81

270800 285800 304801 311797 330771
363739 366735 379705 381685 376680
376674 386661 380649 // 81P



NO DISCERNABLE
GRADIENTS.

NO PART B!

NEXT
UPDATE
24 AUG 81

NNNN↓A
ZCZC WBC157
TBXX40 KMIA 211200
↑MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
21 AUGUST 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...
D83/M/M/30. E74/M/M/30. F65/M/M/30. G51/M/M/30. H23/M/M/30.
I29/M/M/30. J15/M/M/30. K09/M/M/30.

ALL DATA ARE FROM 17 AUG 81.
A 30 NM WIDE BAND OF WARM WATER IS OBSERVED ABOUT MIDWAY BETWEEN
THE SHORELINE AND THE EDGE OF THE GULFSTREAM FROM D THRU F.
BAIG

1981 AUG 21 8:22 AM

NNNNJVANV

ZCZC

SXNT1 KWBC 211800

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

27.0/80.0	28.5/80.0	30.4/80.1
31.1/79.8	31.7/79.1	33.0/76.9
35.9/74.4	38.2/70.6	37.5+
		↑0
+ 7↑68.7	38.9/65.8	38.7/65.0

0513 .↑/8.7. 0744305 9→ 513 17→ 543↑. 833 BETWEEN 12 15 MILES
SEAWARD OF THIS LINE

COLD EDDIES NONE DISCERNABLE
WARM EDDIES 39.3/69.9 55 NMI. DIAM
LATEST SATELLITE DATA 8/21/81 1200Z

NNNNJV

ZCZC

SXNT1 KWBC 211800

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

27.0/80.0	28.5/80.0	30.4/80.1
31.1/79.8	31.7/79.1	33.0/76.9
35.9/74.4	38.2/70.6	37.9/70.0
38.0/68.7	38.9/65.8	38.7/65.0

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

COLD EDDIES NONE DISCERNABLE
WARM EDDIES 39.3/69.9 55 NMI. DIAM
LATEST SATELLITE DATA 8/21/81 1200Z

NNNNLLA
ZCZC WBC256
SXNTI KWBC 211800

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

27.0/80.0 28.5/80.0 30.4/80.1
31.1/79.8 31.7/79.1 33.0/76.9
35.9/74.4 38.2/70.6 37.5←
70
3890/68.7 38.9/68.8 38.7/65.0

0513 .1/8.7. 0744305 9→ 513 57←→ 543↑. 83 @3TWEEN 12 15 MILES
SEAWARD OF THIS LINE.

COLD EDDIES NONE DISCERNABLE
WARM EDDIES 39.3/69.9 55 NMI. DIAM
LATEST SATELLITE DATA 8/21/81 1200Z

NNNN↓A
ZCZC WBC257
SXNT1 KWBC 211800

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

27.0/80.0	28.5/80.0	30.4/80.1
31.1/79.8	31.7/79.1	33.0/76.9
35.9/74.4	38.2/70.6	37.9/70.0
38.0/68.7	38.9/65.8	38.7/65.0

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

COLD EDDIES NONE DISCERNABLE
WARM EDDIES 39.3/69.9 55 NMI. DIAM
LATEST SATELLITE DATA 8/21/81 1200Z

NNNN

Date: 24 AUG 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.

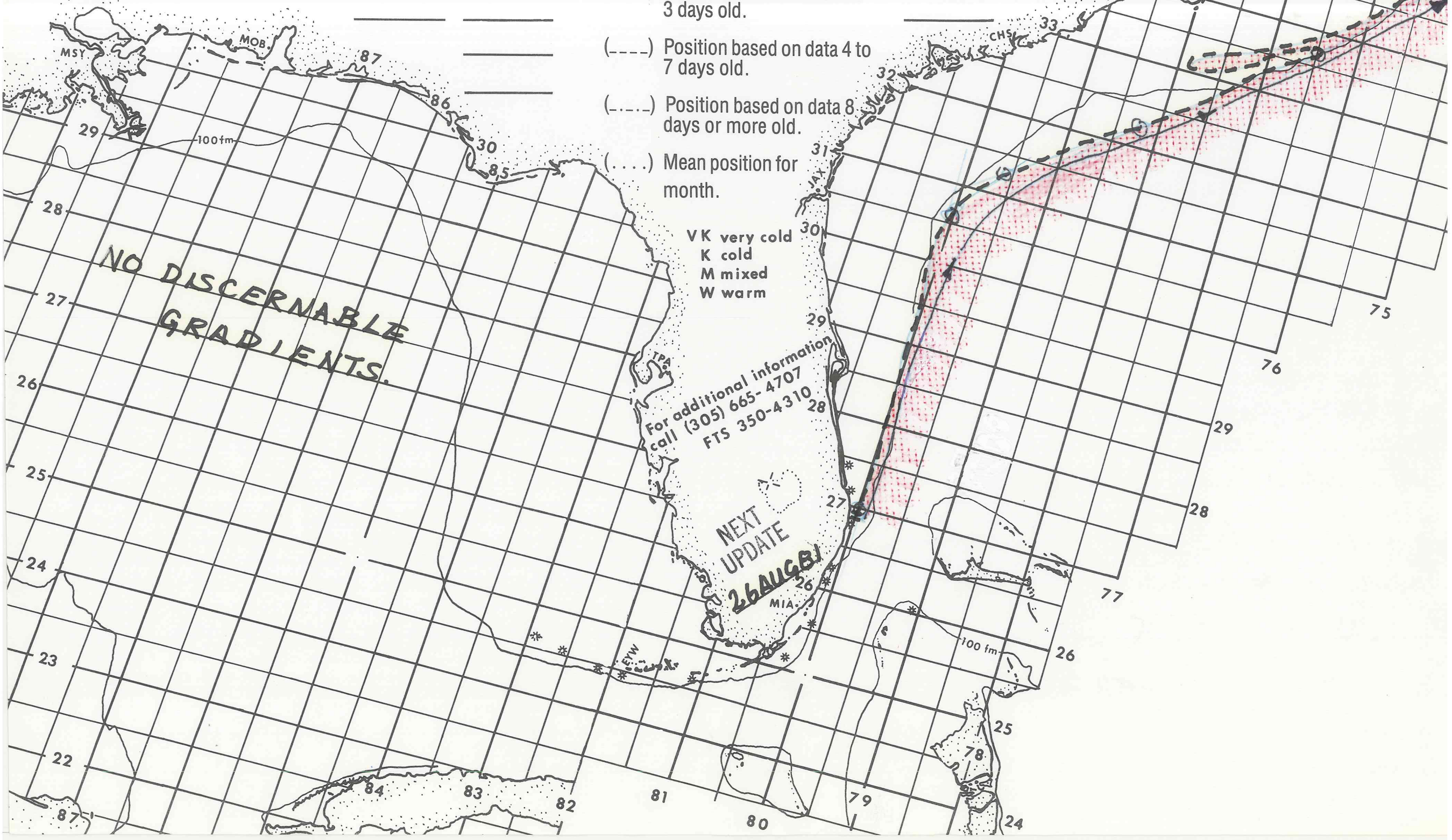
- (——) Position based on data 0 to 3 days old.
- (- - - -) Position based on data 4 to 7 days old.
- (. . . .) Position based on data 8 days or more old.
- (. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

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

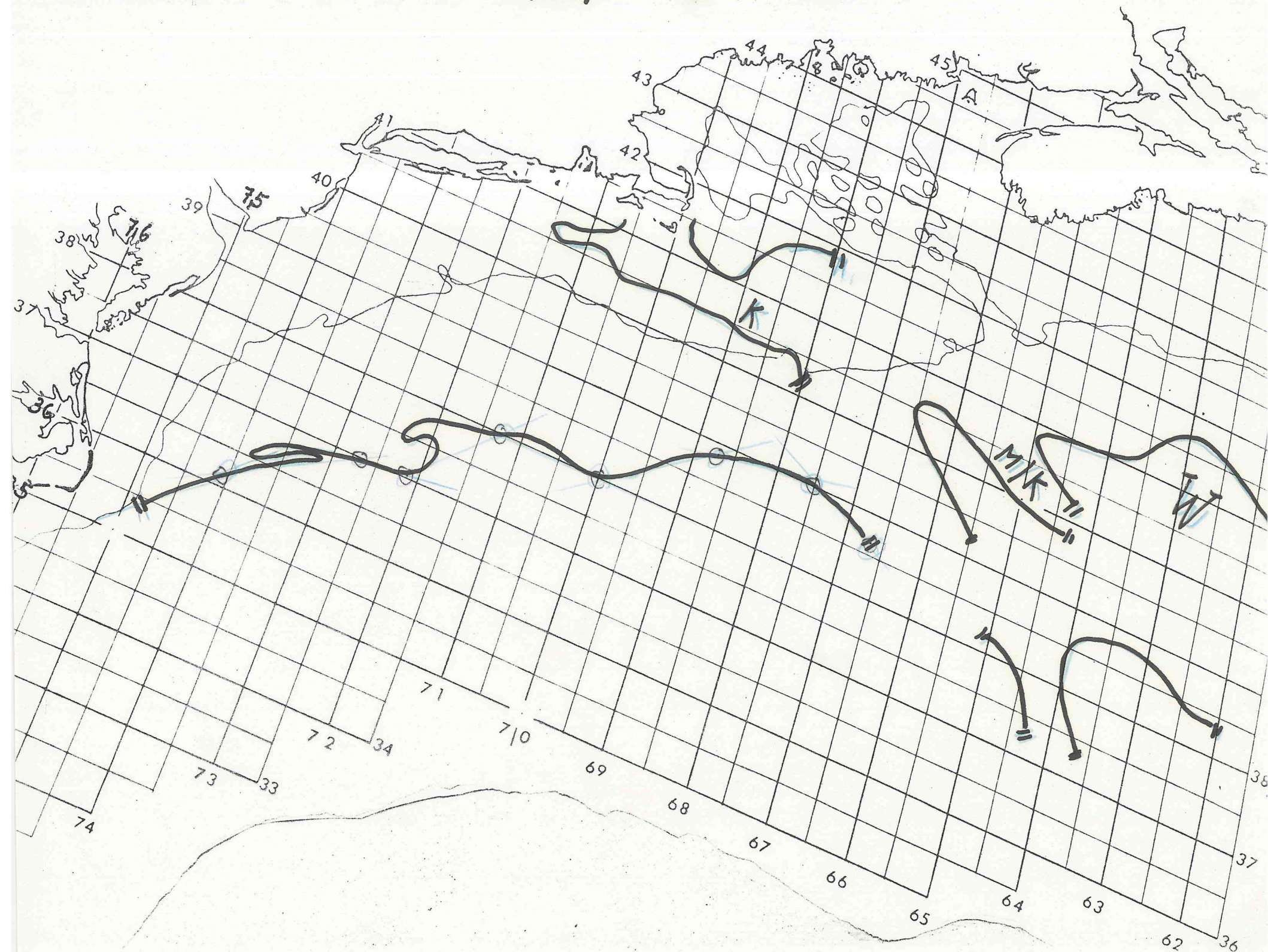
NEXT
UPDATE
26 AUG 81

270800 306800 313796 322782 335765
361741 370727 370721 380713 380700
389687 390675 386666 // SLP



NO DISCERNABLE
GRADIENTS.

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



ZCZC MIAADMMIA
TBXX40 KMIA 241530
MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
24 AUGUST 1981

1981 AUG 24 AM 11:45

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...
D83/M/M/30. E74/M/M/30. F65/M/M/30. G51/M/M/30. H23/M/M/30.
I29/M/M/30. J15/M/M/30. K09/M/M/30.
ALL DATA ARE FROM 17 AUG 81.
BAIG

NNNN

NNNN+JA
ZCZC WBC920
SXNT1 KWBC 242120
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	31.3/79.6	32.2/78.2
33.5/76.5	36.1/74.1	37.0/72.7	37.0/72.1
38.0/71.3	38.5/70.0	38.3/69.0	38.4/67.0
38.6/66.6	38.7/65.0		

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

COLD EDDIESO NONE DISCERNABLE
WARM EDDIESO 39.3/69.8/50 NMI DIAM@ 39.7/67.8/65 NMI DIAM@
40.3/62.1/100 NMI DIAM@ 41.2/59.7/80 NMI DIAM@
41.4/53.5/85 NMI DIAM@ 49.5/47.7/55 NMI DIAM.

LATEST SATELLITE DATAO 8/24/81 1246Z.

1112-0239

Date: 26 Aug 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 310800 315796 320788 322777
 331765 342754 354743 361740 370722
 373710 385695 383685 385675 36
 389669 390662 384650// SLP

(——) 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.

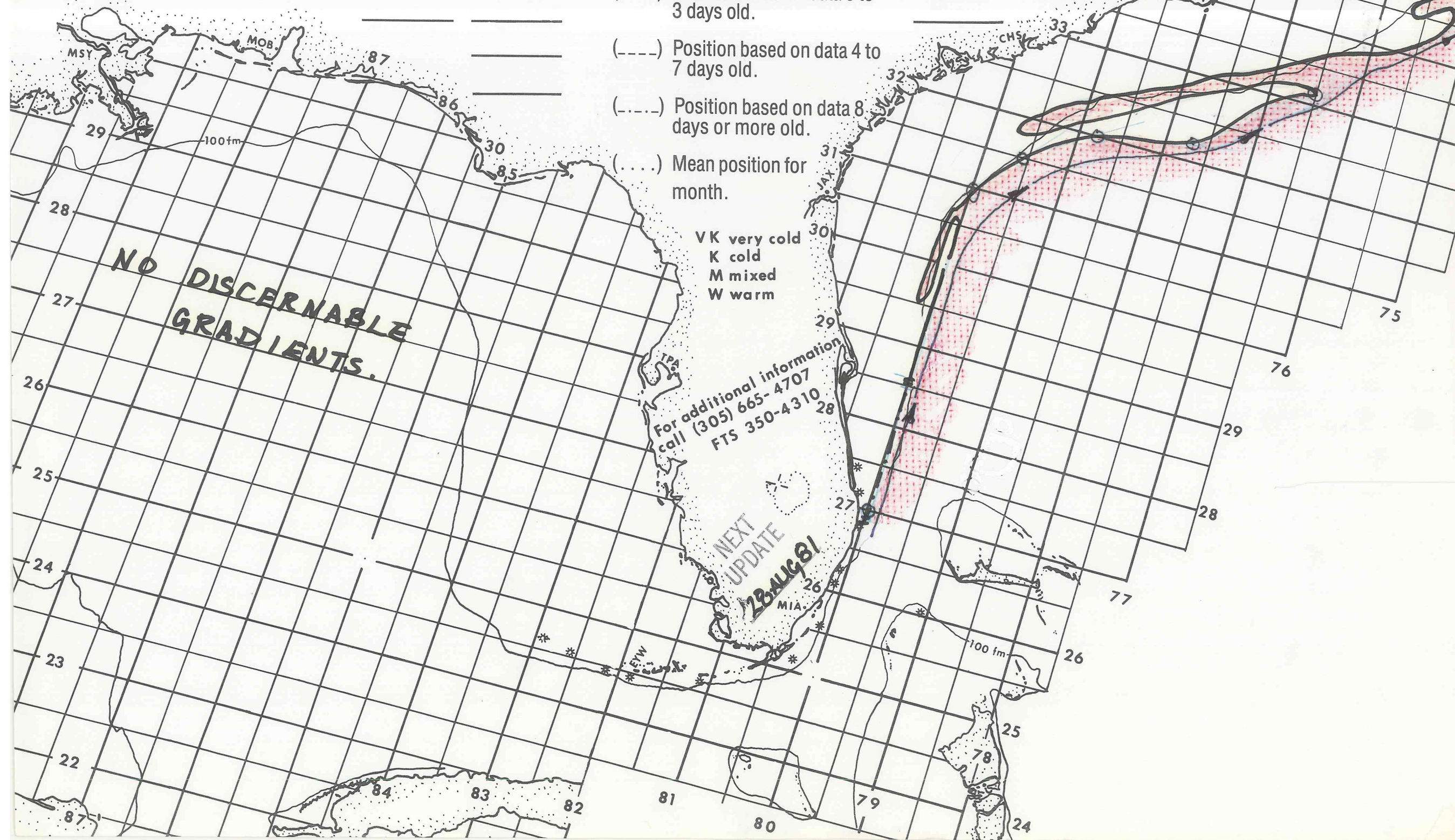
(. . . .) Mean position for month.

VK very cold
 K cold
 M mixed
 W warm

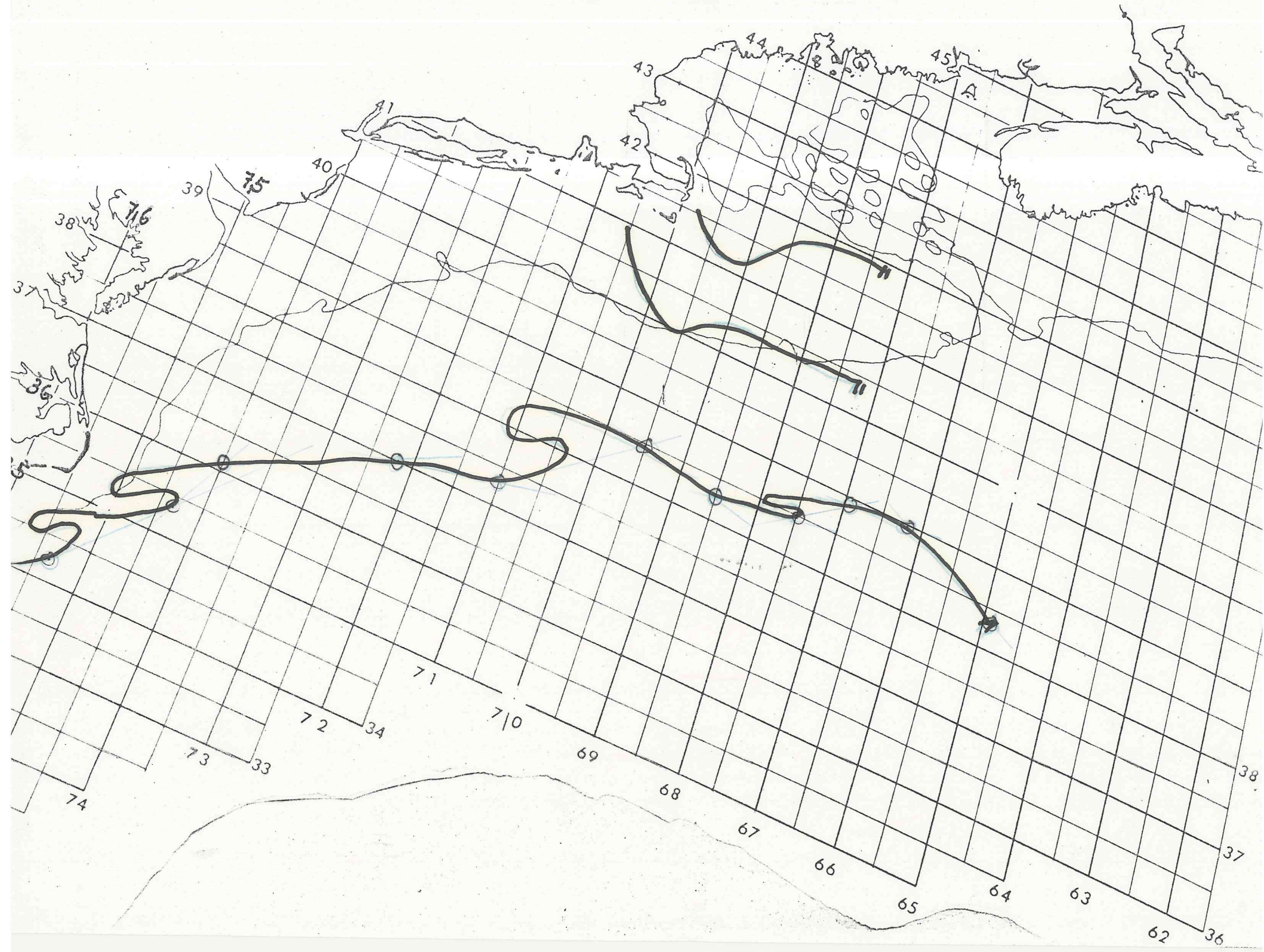
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT
 UPDATE
 28 AUG 81

NO DISCERNABLE
 GRADIENTS.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 26 AUG 1981. PART B



Date: 26 AUG 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 310800 315796 320788 322777
331765 342754 354743 361740 370722
373710 385695 383685 385675 38
389669 390662 384650// SLP

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

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

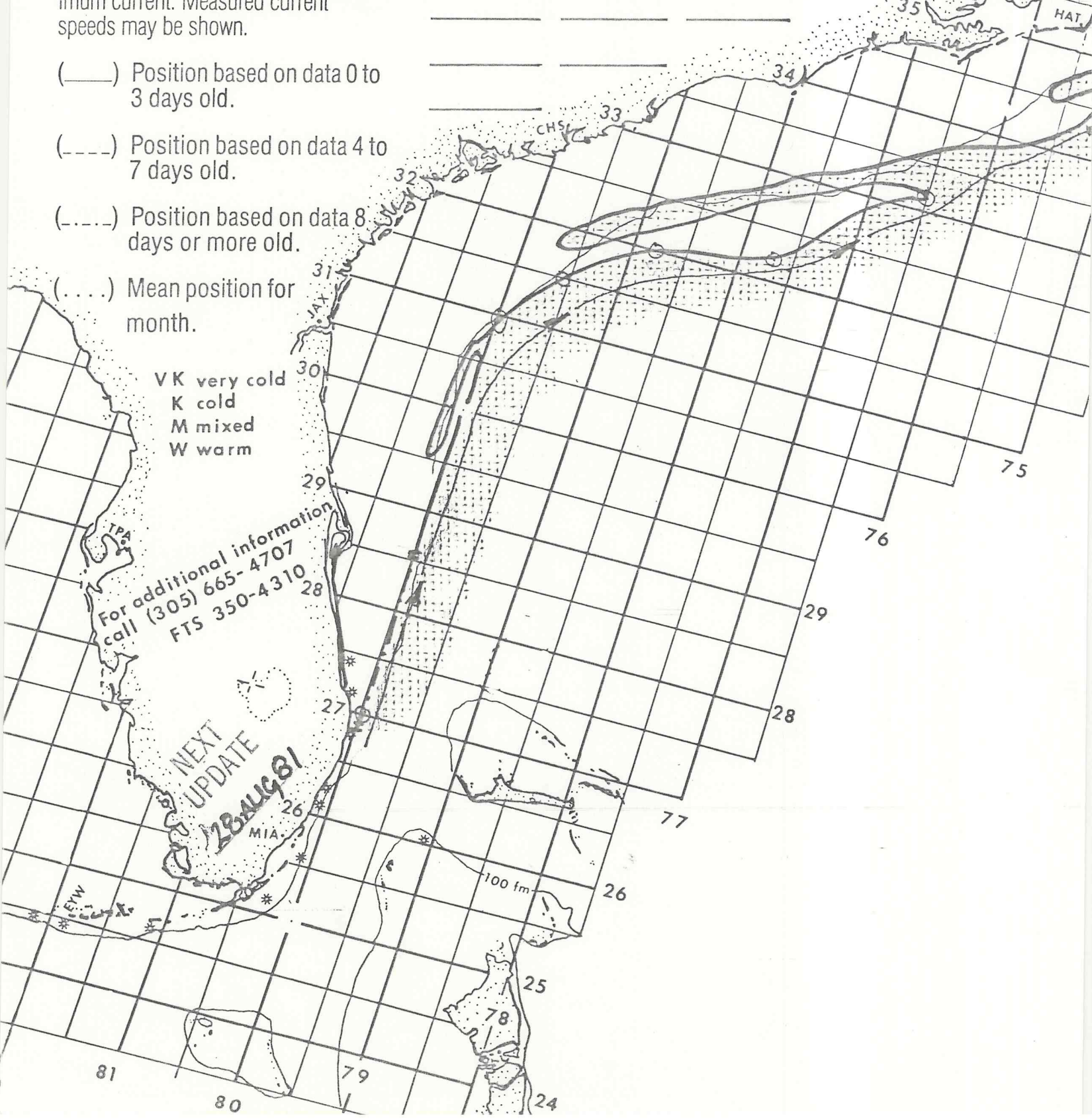
(.....) Position based on data 8 days or more old.

(....) 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
 28 AUG 81



0001

NNNU↓↓A
ZCZC WBC279
TBXX40 KMIA 261315
↑MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
26 AUGUST 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...
D 77/M/M/30. E 80/M/M/30. F 73/M/M/30. G 55/M/M/30. H 24/M/M/30.
I 29/M/M/30. J 15/M/M/30. K 10/M/M/30.
A NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM FROM E TO 30 NM SOUTH OF F.
DATA FROM D THROUGH G IS CURRENT...REMAINDER ARE FROM 17 AUG 81.
BAIG

ZCZC MIAADMMIA
TBXX40 KMIA 261315
↑MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
26 AUGUST 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...
D77/M/M/30. E80/M/M/30. F73/M/M/30. G55/M/M/30. H24/M/M/30.
I29/M/M/30. J15/M/M/30. K10/M/M/30.
A NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM FROM E TO 30 NM SOUTH OF F.
DATA FROM D THROUGH G IS CURRENT...REMAINDER ARE FROM 17 AUG 81.
BAIG

1981 AUG 26 AM 9:22

NNNN

MIAADMMIA
WOUS00 KNHC 261316

ZCZC MIAADMMIA
TBXX40 KMIA 261315
MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
26 AUGUST 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...
D77/M/M/30. E80/M/M/30. F73/M/M/30. G55/M/M/30. H24/M/M/30.
I29/M/M/30. J15/M/M/30. K10/M/M/30.
A NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM FROM E TO 30 NM SOUTH OF F.
DATA FROM D THROUGH G IS CURRENT...REMAINDER ARE FROM 17 AUG 81.
BAIG

1981 AUG 26 19 51

NNNN

NNNN↑↑↑↑A
ZCZC WBC409
SXNT1 KWBC 261955

GULF STREAM LOCATION THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPORESENTS THE WEST WALL OF THE GULF STREAM.-0↑↑A
ZCZC WBC409
SXNT1 KWBC 261955

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

27.0/80.0	31.0/80.0	31.5/79.6	32.0/78.8
32.2/77.7	33.1/76.5	34.2/75.4	35.5/74.5
36.1/74.0	37.0/72.4	37.2/72.0	37.2/71.0
28.5/69.6	38.2/68.5	38.5/67.5	38.9/66.0
38.8/65.0			

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES
SEAWARD OF THIS LINE.
COLD EDDIES NONE DISCERNIBLE
WARM EDDIED 39.3/69.8/50 NMI DIAM 39.7/67.8/65 NMI DIAM 40.3/62.1
/100 NMI DIAM. 41.2/59.7/80 41.4/53.5/85 49.5/47.7/55
LATEST SATELLITE DATE 8/26/81 1200Z

NNNN↓

ZCZC

SXNT1 KWPC 261955

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

27.0/80.0	31.0/80.0	31.5/79.6	32.0/78.8
32.2/77.7	33.1/76.5	34.2/75.4	35.5/74.5
36.1/74.0	37.0/72.4	37.2/72.0	37.2/71.0
28.5/69.6	38.2/68.5	38.5/67.5	38.9/66.0
38.8/65.0			

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

COLD EDDIES NONE DISCERNIBLE

WARM EDDIED 39.3/69.8/50 NMI DIAM 39.7/67.8/65 NMI DIAM 40.3/62.1
/ 100 NMI DIAM. 41.2/59.7/80 41.4/53.5/85 49.5/47.7/55

LATEST SATELLITE DATE 8/26/81 1200Z

NNNN↓

NNNN↓↓A
ZCZC WBC 356
SXNT 1 KWBC 261955

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

27.0/80.0	31.0/80.0	31.5/79.6	32.0/78.8
32.2/77.7	33.1/76.5	34.2/75.4	35.---0↓↓A

ZCZC WBC 356
SXNT 1 KWBC 261955

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

27.0/80.0	31.0/80.0	31.5/79.6	32.0/78.8
32.2/77.7	33.1/76.5	34.2/75.4	35.5/74.5
36.1/74.0	37.0/72.4	37.2/72.0	37.2/71.0
28.5/69.6	38.2/68.5	38.5/67.5	38.9/66.0
38.8/65.0			

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES
SEAWARD OF THIS LINE.
COLD EDDIES NONE DISCERNIBLE
WARM EDDIED 39.3/69.8/50 NMI DIAM 39.7/67.8/65 NMI DIAM 40.3/62.1
/100 NMI DIAM. 41.2/59.7/80 41.4/53.5/85 49.5/47.7/55
LATEST SATELLITE DATE 8/26/81 1200Z

Date: 28 AUG 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.

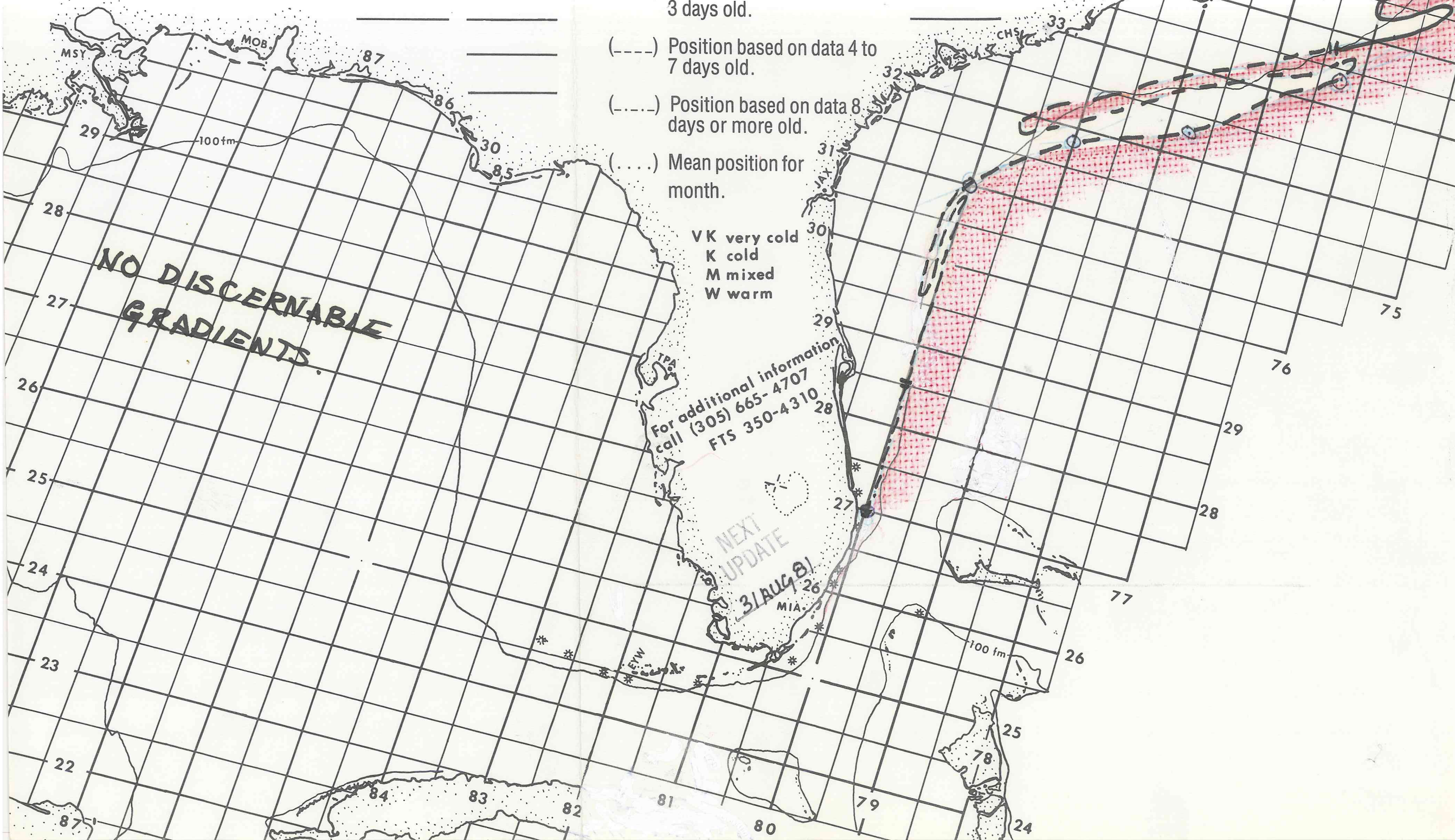
270800 310800 318790 323777 334762
351747 355740 373721 375705 387694
384684 389660 382645 382639 36
389619 // SLP

- (—) 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.

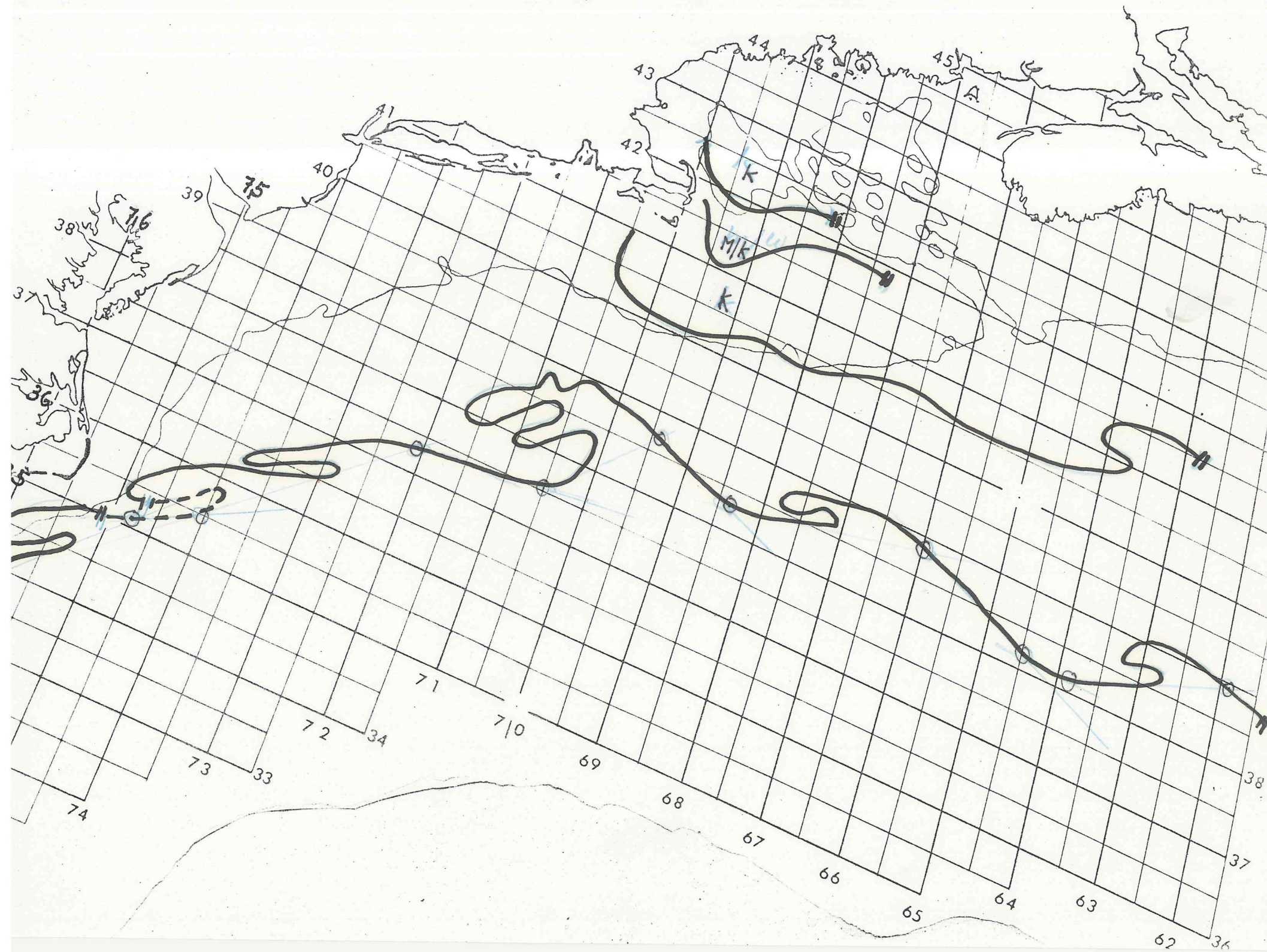
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
 31 AUG 81
 MIA.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 28 Aug 1981 PART B



Date: 28 AUG 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 310800 318790 323777 334762
351747 355740 373721 375705 387694
384684 389660 382645 382639 36
389619 // SLP

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

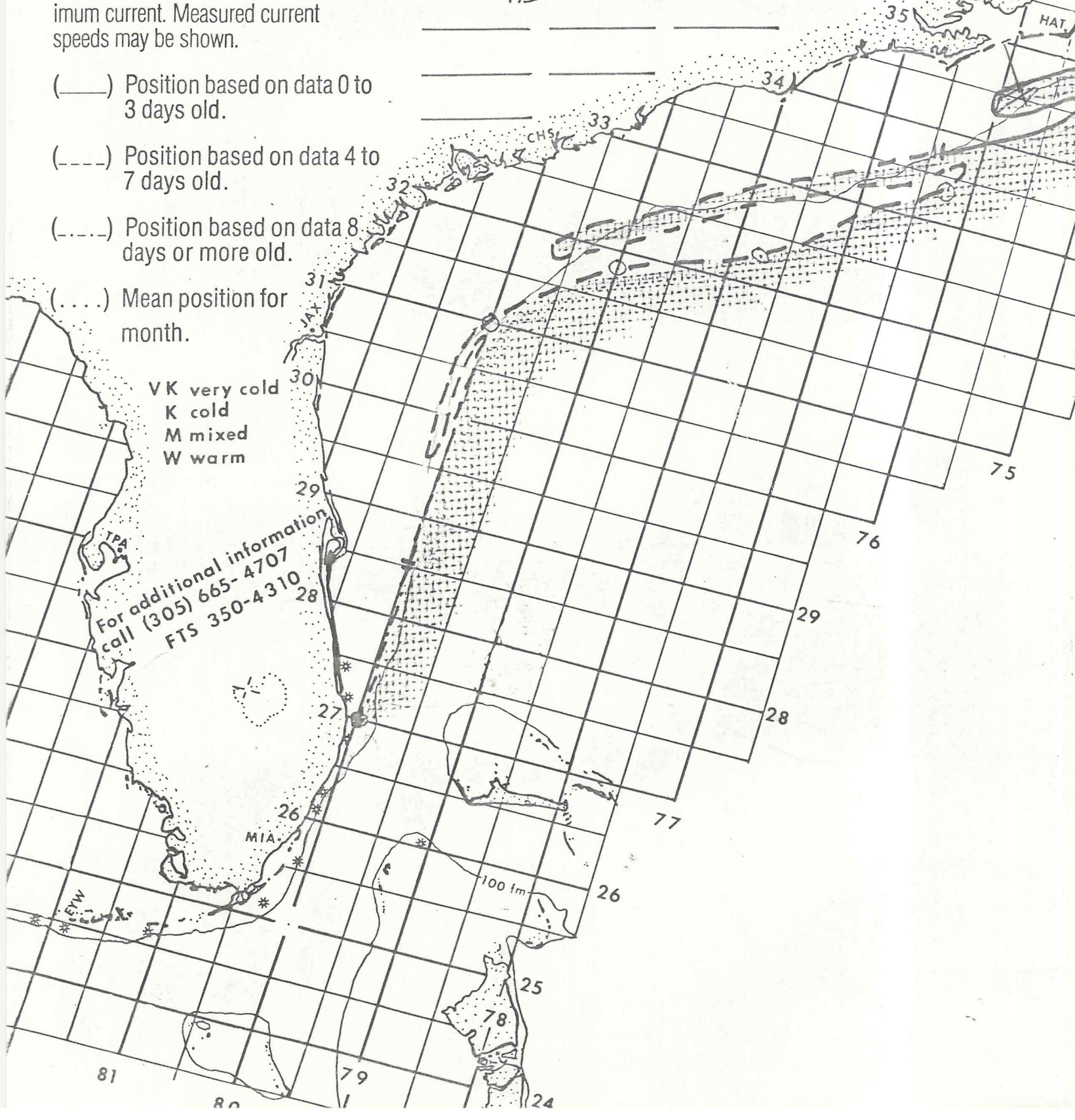
(- - - -) Position based on data 4 to 7 days old.

(.....) 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



NNNN

1981 AUG 28 AM 10:51

MIAADMMIA
WOUS00 KNHC 281451

ZCZC MIAADMMIA
TBXX40 KMIA 281500

MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
28 AUGUST 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...
D77/M/M/30. E80/M/M/30. F73/M/M/30. G55/M/M/30. H24/M/M/30.
I29/M/M/30. J15/M/M/30. K10/M/M/30.

A NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM FROM E TO 30 NM SOUTH OF F.
DATA FROM D THROUGH G IS FROM 26 AUG 81...REMAINDER IS FROM 17 AUG 81.
BAIG

Date: 31 August 1981

270800 300800 309802 318790 323778
335762 347750 // ACB

Depicted land should not be used for navigation.

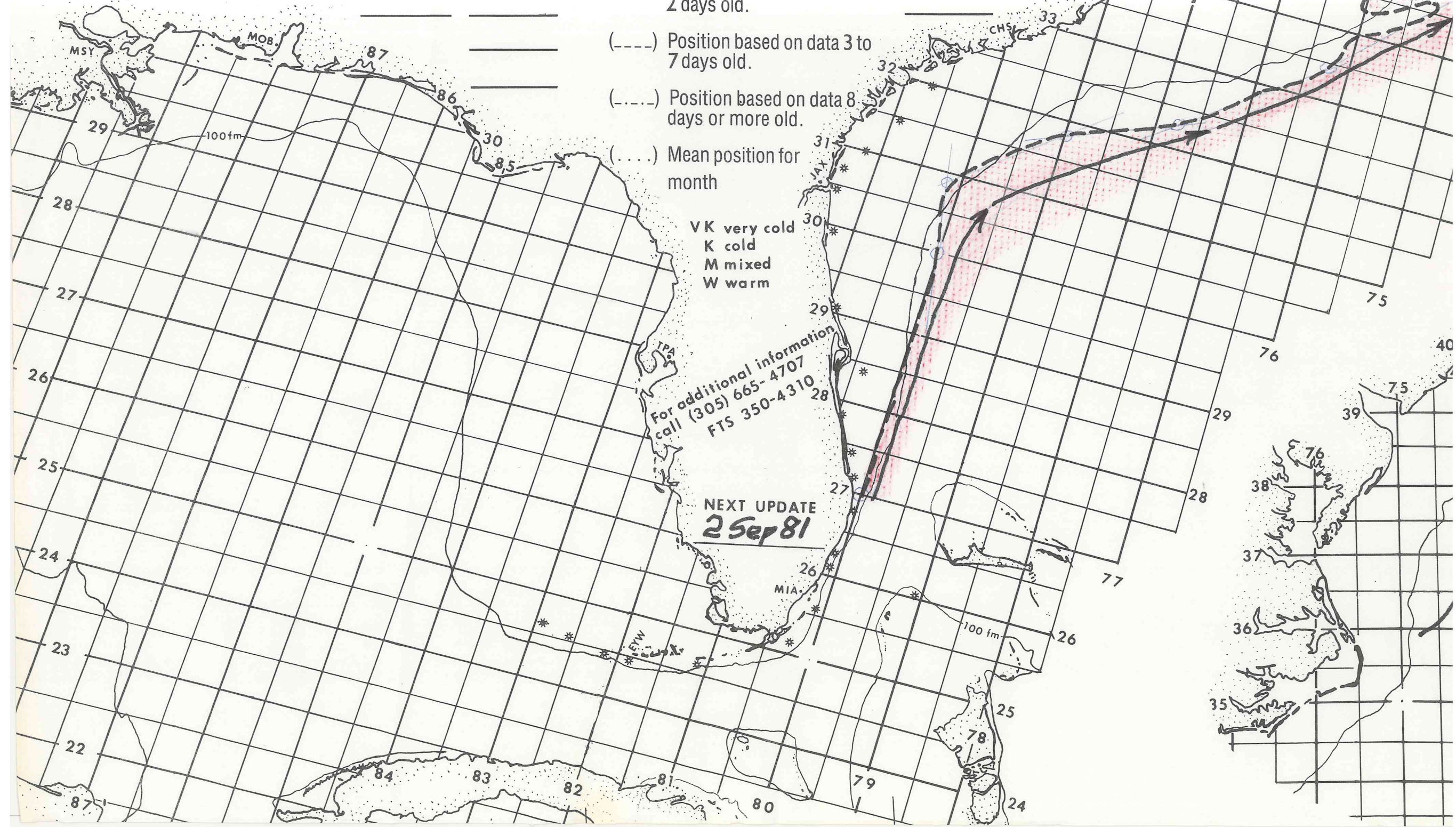
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

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

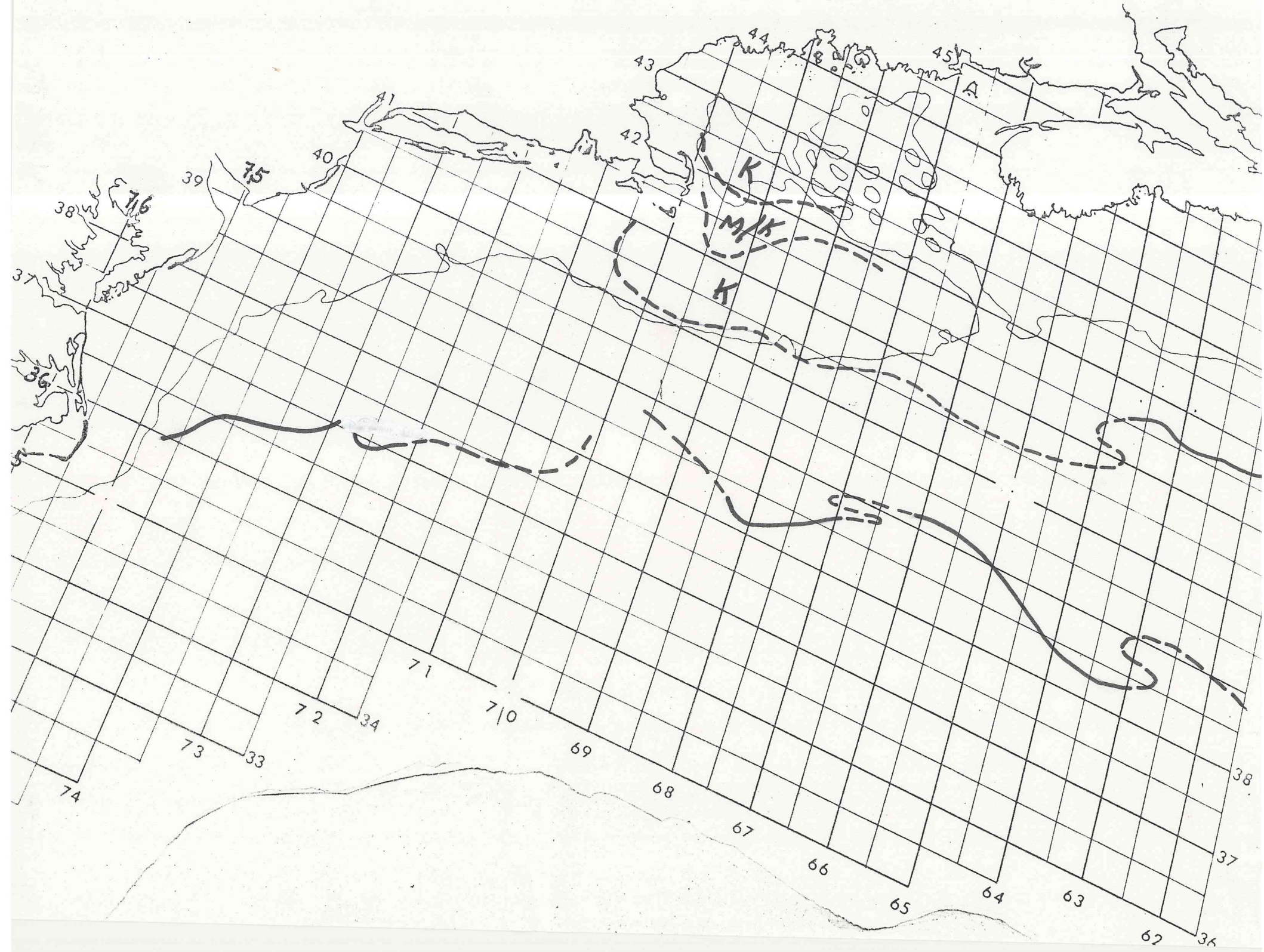
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
2 Sep 81



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 31 Aug. 1981 PART B



Letter designators for coastal lights referenced in Miami SFSS Gulf Stream System Information for NWR

- | | |
|--|---|
| () A - | (64) L - Lake Worth Inlet Lighted Bell Buoy 2LW |
| () B - | (66) M - Hillsboro Inlet Light |
| (35) C - Brunswick Lighted Whistle Buoy 2B
67/ | (68) N - Port Everglades Lighted Whistle Buoy 1 |
| (40) D - St. Marys Entrance Lighted Whistle Buoy STM 1
72/ | (74) O - Fowey Rocks Light |
| (43) E - St. Johns Lighted Whistle Buoy 2 St.J.
77/ | (79) P - Elbow Reef Light B |
| (45) F - St. Augustine Lighted Whistle Buoy St. A.
75/ | (84) Q - Sombrero Key Light |
| (49) G - Ponce de Leon Inlet Lighted Bell Buoy 2
57/ | (91) R - Sand Key Light |
| (52) H - Southeast Outer Shoal Lighted Bell Buoy 2
21/ | (92) S - Cosgrove Shoal Light |
| (3.10) I - Sebastian Inlet North Jetty Light
27/ | (94) T - Rebecca Shoal Light |
| (57) J - Fort Pierce Inlet Lighted Whistle Buoy 2
16/ | (95) U - Dry Tortugas Light |
| (61) K - St. Lucie Entrance Lighted Whistle Buoy 2
8/ | |

DATA from
26 Aug 81.

DATE: 31 Aug 1981

NNNNMIAADMIA
WOUS00 KNHC 311417

ZCZC MIAADMIA
TBXX40 KMIA 311500
MIAADMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
31 AUGUST 1981

1981 AUG 31 AM 10:31

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...
067/M/M/M. D72/M/M/M. E77/M/M/M. F75/M/M/M. G57/M/M/M.
DATA FROM C THROUGH G ARE FROM 31 AUG 81... NO OTHER RECENT DATA.
GABY

shub be 26