

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 01 FEB 1982

215865 225866 233867 242872 250881
 264884 267880 266870 272860 284856
 281849 274845 269845 261843 255845
 244844 239846 233846 235841 236837
 241830 243820 244810 248804 255800
 260799// _____

270799 278799 288800 304800 311797
 318790 321780 326768 333766 335763
 336752 338751 350747 356739 36
 367732 368725 365715 367710
 370706 385699 386695
 387670 393640
 392635//SMB

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.

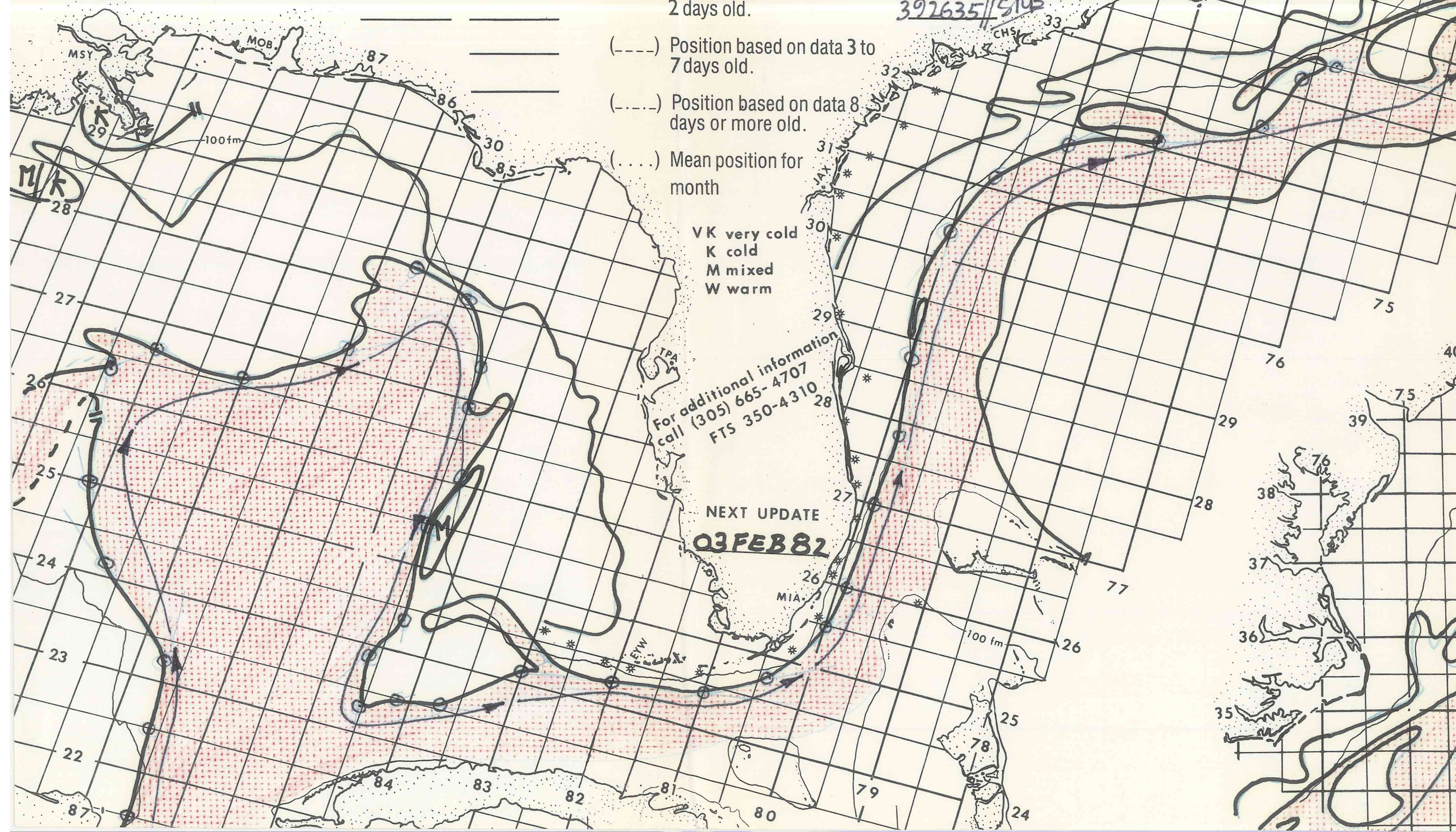
(....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

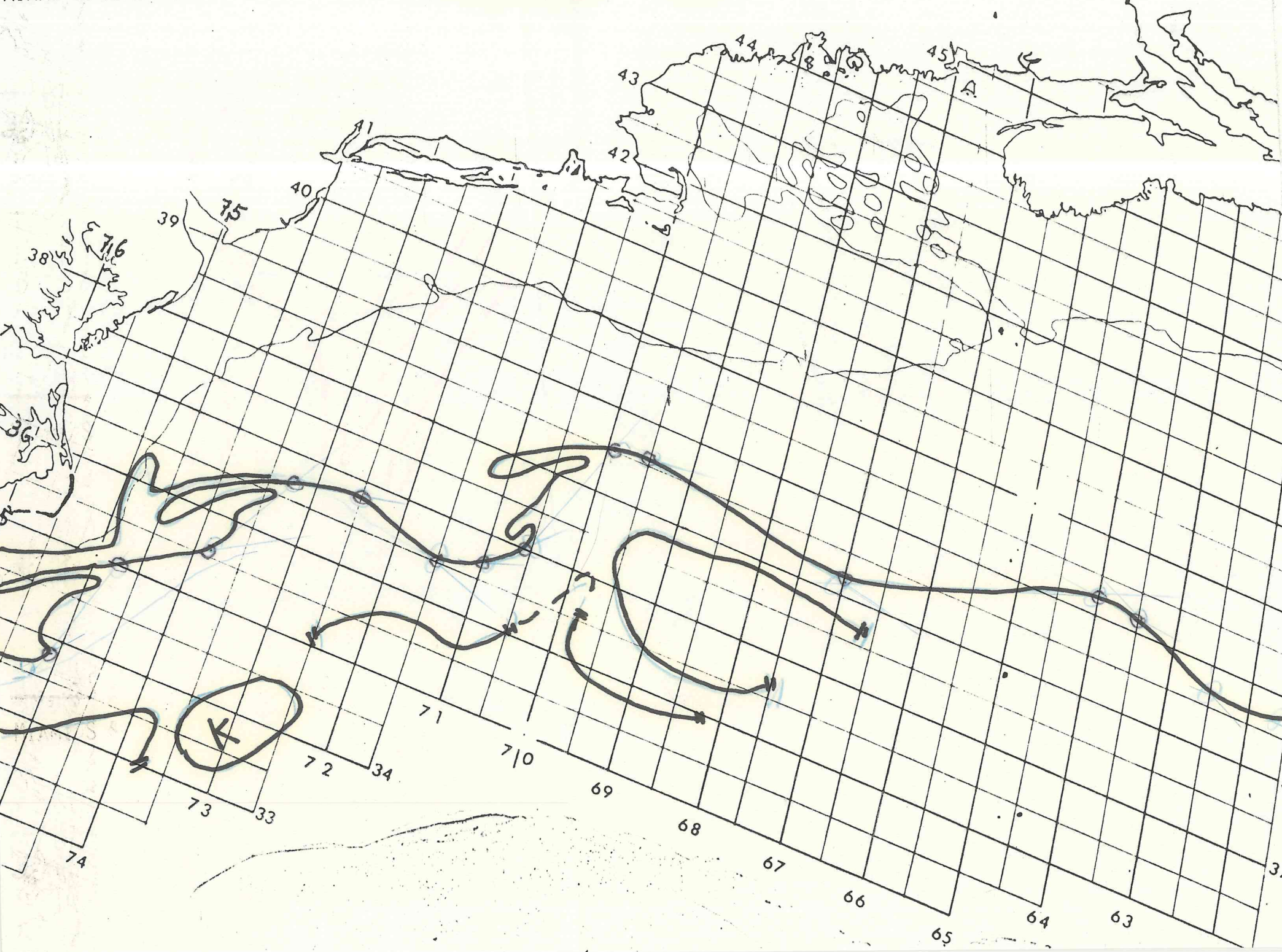
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

03 FEB 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 01 FEB 1982. PART B



NNNN↓

V

ZCZC

SXNT1 KWBC 012100

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

27.0/79.9 27.8/79.9 28.8/80.0 30.4/80.0

31.1/79.7 31.8/79.0 32.1/78.0 32.6/76.8

33.3/76.6 33.5/76.3 33.6/75.2 33.8/75.1

35.0/74.7 35.6/73.9 36.7/73.2 36.8/72.5

36.5/71.5 36.7/71.0 37.0/70.6 38.5/69.9

38.6/69.5 38.2/67.0 39.0/65.0

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

COLD EDDIESO 33.7/73.3/55 NMI. DIAM.⊙ 36.7/68.6/70 NMI. DIAM.⊙
36.5/60.8/35 NMI. DIAM.⊙ 39.3/47.4/45 NMI. DIAM.⊙

WARM EDDIESO 39.4/71.0/55 NMI. DIAM.⊙ 40.4/64.7/80 NMI. DIAM.⊙
40.6/57.6/70 NMI. DIAM.⊙

LATEST SATELLITE DATAO 2/1/82 AT 1200Z

1376970

04H

NNNNJJJJ
ZCZC WBC567
TBXX40 KMIA 011515
↑MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
01 FEB 1982.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215865 225866 233867 242872 250881 264884 267880 266870 272860
284856 281849 274845 269845 261843 255845 244844 239846 233846
235841 236837 241830 243820 244810 248804 255800 260799.
DATA ARE CURRENT.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
A74/46/M/24. B80/68/M/24. C83/50/M/24. D88/43/M/24. E82/46/M/24.
F67/52/M/24. G56/48/M/24. H26/54/M/24. I36/62/M/24. J23/51/M/25.
K15/38/M/25. L09/44/M/25. M12/55/M/25. N11/37/M/25. O09/34/M/25.
P06/51/M/25. Q14/35/M/25. R10/56/M/25. S13/59/M/25. U30/62/M/25.
AN INSIDE FRONT IS OBSERVED 41 NM SE OF A..31 NM SE OF B..34 NM E
OF C..32 NM E OF D..25 NM E OF E..09 NM E OF F..12 NM S OF U.
DATA ARE CURRENT.
BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **03 FEB** 19**82**

215865 225866 232867 236869 241876
 248880 259884 264885 267875 266866
 274856 274849 265846 258844 250847
 240844 235840 234838 235834 242828
 244824 243817 245809 248803 253800
 260799//

270799 295801 310798 315793 320781
 325769 336762 340750 346749 365730
 368723 366715 368708 370705 36
 384698 385690 382670 394637
 386621 388615// **SMP**

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.

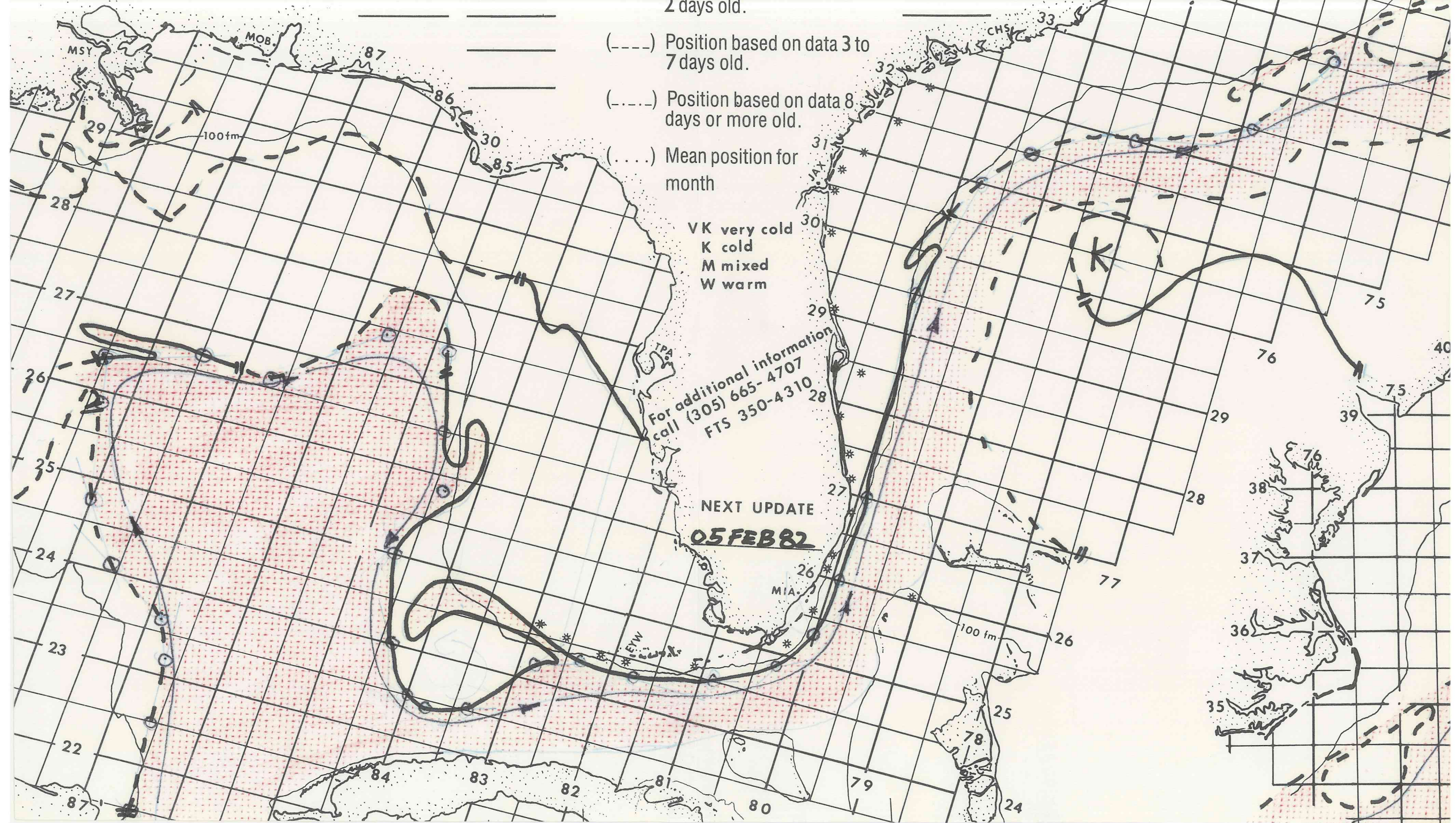
- (——) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

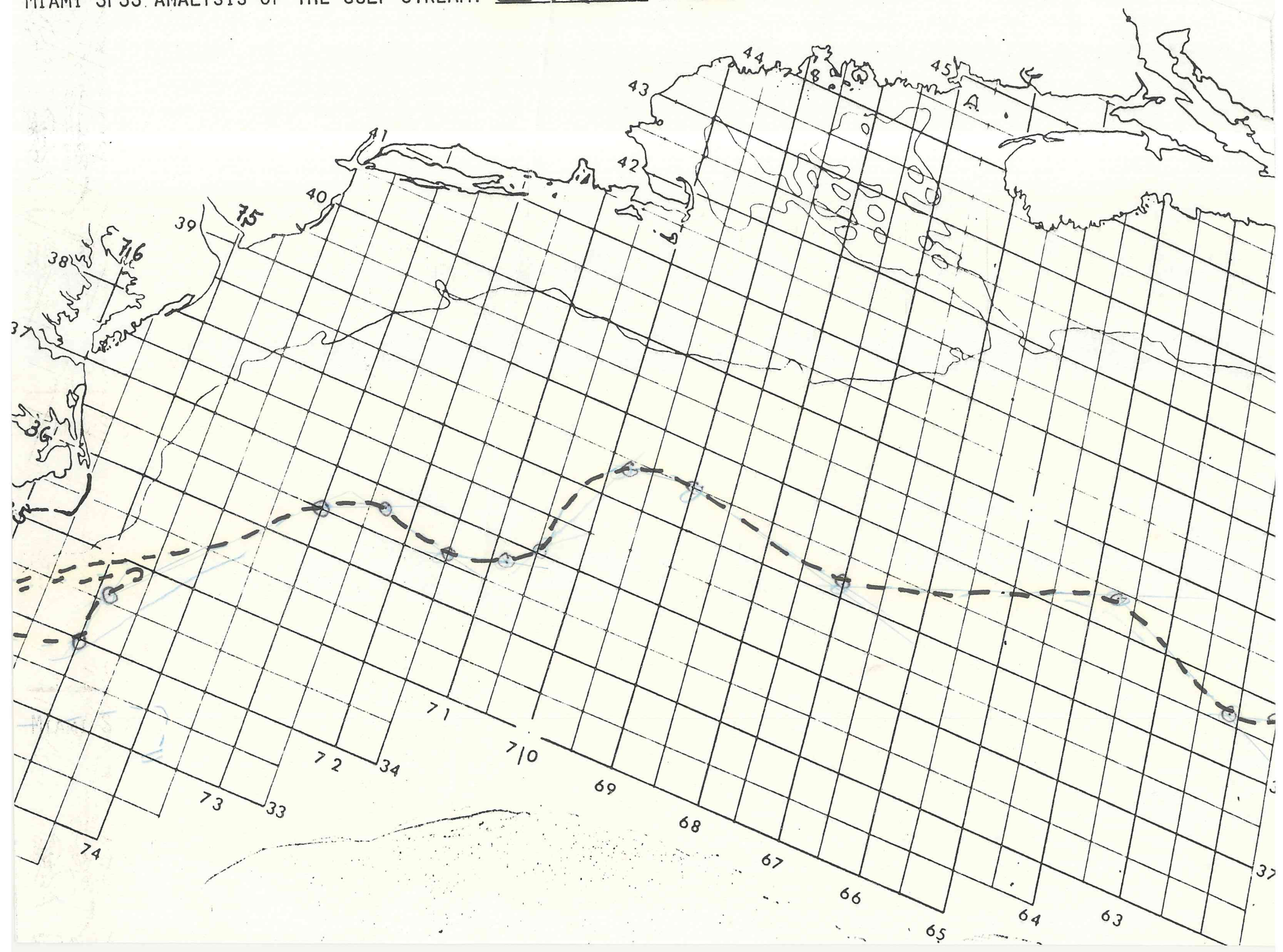
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

05 FEB 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 03 FEB 1982 PART B



11/11 01000000

TRXVAA KMTA 021990

ANTAGI MMTA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

02 FEB 1992

1992 FEB -3 PM 2:14

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

245065 225066 223067 226069 241076 240080 259084 264085 267075
266066 274056 274049 265046 250044 250047 240044 225040 224038
225024 242020 244024 242017 245009 240003 253000 260799.
DATA ARE CURRENT SOUTH AND EAST OF 274049... REMAINDER FROM 01 FEB.

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

870/44/W/23. 876/59/W/23. 086/57/W/23. 090/46/W/23. 091/46/W/23.
075/44/W/23. 052/55/W/23. 025/52/W/24. 132/54/W/24. 117/52/W/24.
K12/42/W/24. 109/46/W/25. 010/54/W/25. 010/39/W/25. 010/34/W/25.
009/52/W/25. 013/37/W/25. 008/57/W/25. 010/60/W/25. 119/65/W/25.
022/60/W/25.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT F... WITH AN INSIDE FRONT 57 NM ONE EAST.

A LARGE PLUME OF COOL WATER IS OBSERVED SW OF H. THIS PLUME HAS
MOVED EAST ABOUT 30 NM SINCE 01 FEB... AT ABOUT 6/10 KNOT.

AN INSIDE FRONT IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULF STREAM 10 NM S OF T AND 06 NM S OF H.

DATA ARE CURRENT... EXCEPT A FROM 01 FEB 01.

DATA

NNNN

NNNNJJA
ZCZC WBC031
TBXX40 KMIA 031830
↑MIUGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
03 FEB 1982.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215865 225866 233867 236869 241876 248880 259884 264885 267875
266866 274856 274849 265846 258844 250847 240844 235840 234838
235834 242828 244824 243817 245809 248803 253800 260799.
DATA ARE CURRENT SOUTH AND EAST OF 274849...REMAINDER FROM 01 FEB.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A78/44/M/23. B76/59/M/23. C86/57/M/23. D90/46/M/23. E81/46/M/23.
F75/44/M/23. G52/55/M/23. H25/52/M/24. I32/54/M/24. J17/52/M/24.
K12/42/M/24. L09/46/M/25. M10/54/M/25. N10/39/M/25. O10/34/M/25.
P09/52/M/25. Q13/37/M/25. R08/57/M/25. S10/60/M/25. T19/65/M/25.
U33/60/M/25.
A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT F...WITH AN INSIDE FRONT 57 NM DUE EAST.
A LARGE PLUME OF COOL WATER IS OBSERVED SW OF U. THIS PLUME HAS
MOVED EAST ABOUT 30 NM SINCE 01 FEB...OR ABOUT 6/10T.
AN INSIDE FRONT IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM 10 NM S OF T AND 06 NM S OF U.
DATA ARE CURRENT...EXCEPT A FROM 01 FEB 81.

BAIG

ZCZC

SXNT1 KWBC 031950

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

27.0/79.9	27.8/79.9	28.8/80.0	30.4/80.0
31.1/79.7	31.8/79.0	32.1/78.0	32.6/76.8
33.3/76.6	33.5/76.3	33.6/75.2	33.8/75.1
35.0/74.7	35.6/73.9	36.7/73.2	36.8/72.5
36.5/71.5	36.7/71.0	37.0/70.6	38.5/69.9
38.6/69.5	38.2/67.0	39.0/65.0	

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

COLD EDDIES 33.7/73.3/55 NMI. DIAM. 36.7/68.6/70 NMI DIAM 60.8/35
NMI DIAM. 39.3/47.4/45

WARM EDDIES 39.4/71.0/55 40.4/64.7/80 40.6/57.6/70

LATEST SATELLITE DATA 2/3/82 1200Z

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 05 FEB 1982

215865 227866 238869 246879 255883
 264886 267873 266867 273857 280853
 275849 265846 255843 251845 242842
 237840 235837 241830 243825 243817
 245808 250802 260800// _____

270799 280800 295801 312796 319787
 323773 336761 339751 365736 370727
 372718 370712 373706 383699 36
 385693 381668 394635 391628
 387620// SPR _____

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.

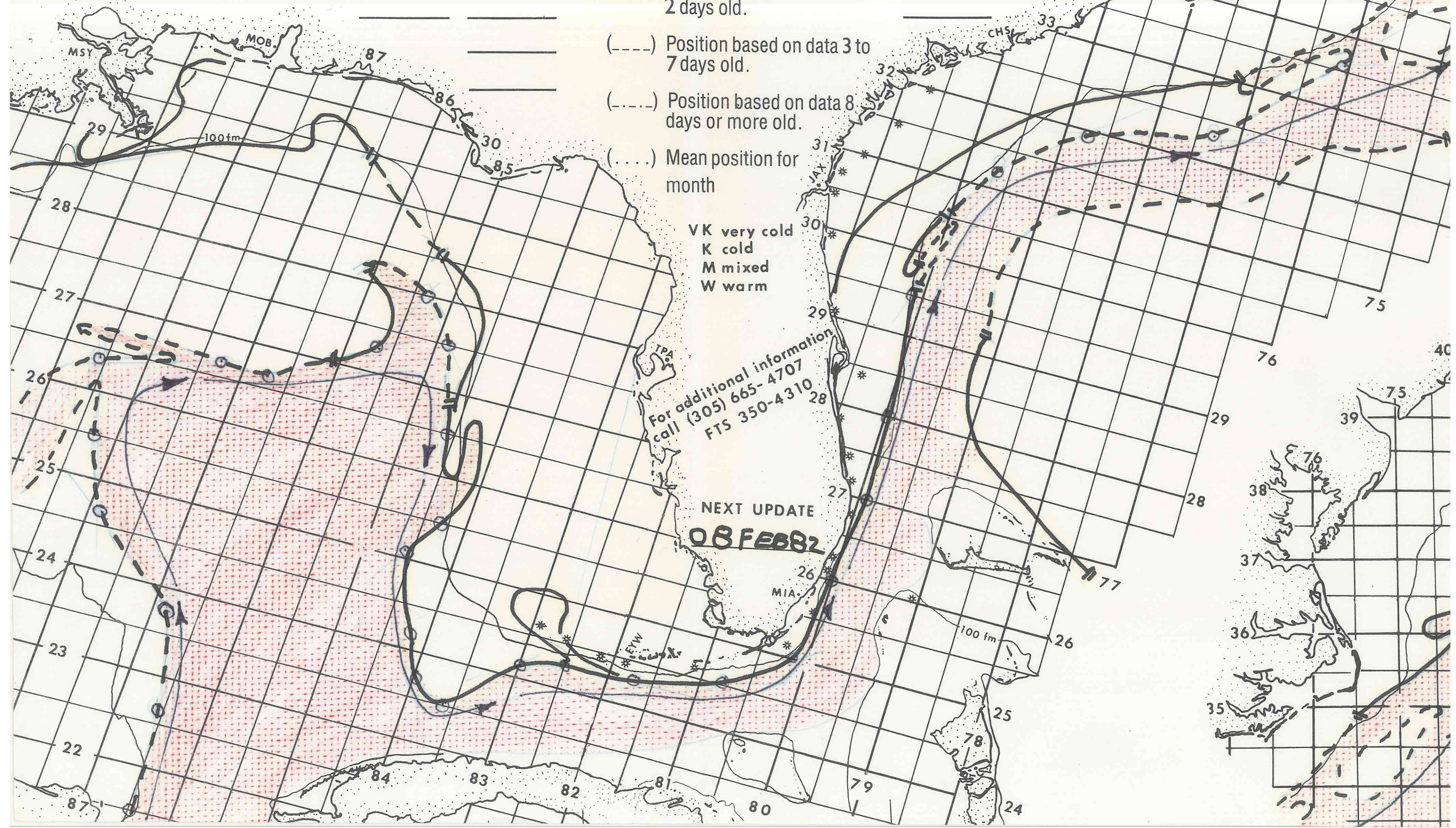
- (____) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (- - - -) Position based on data 8 days or more old.
- (.....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

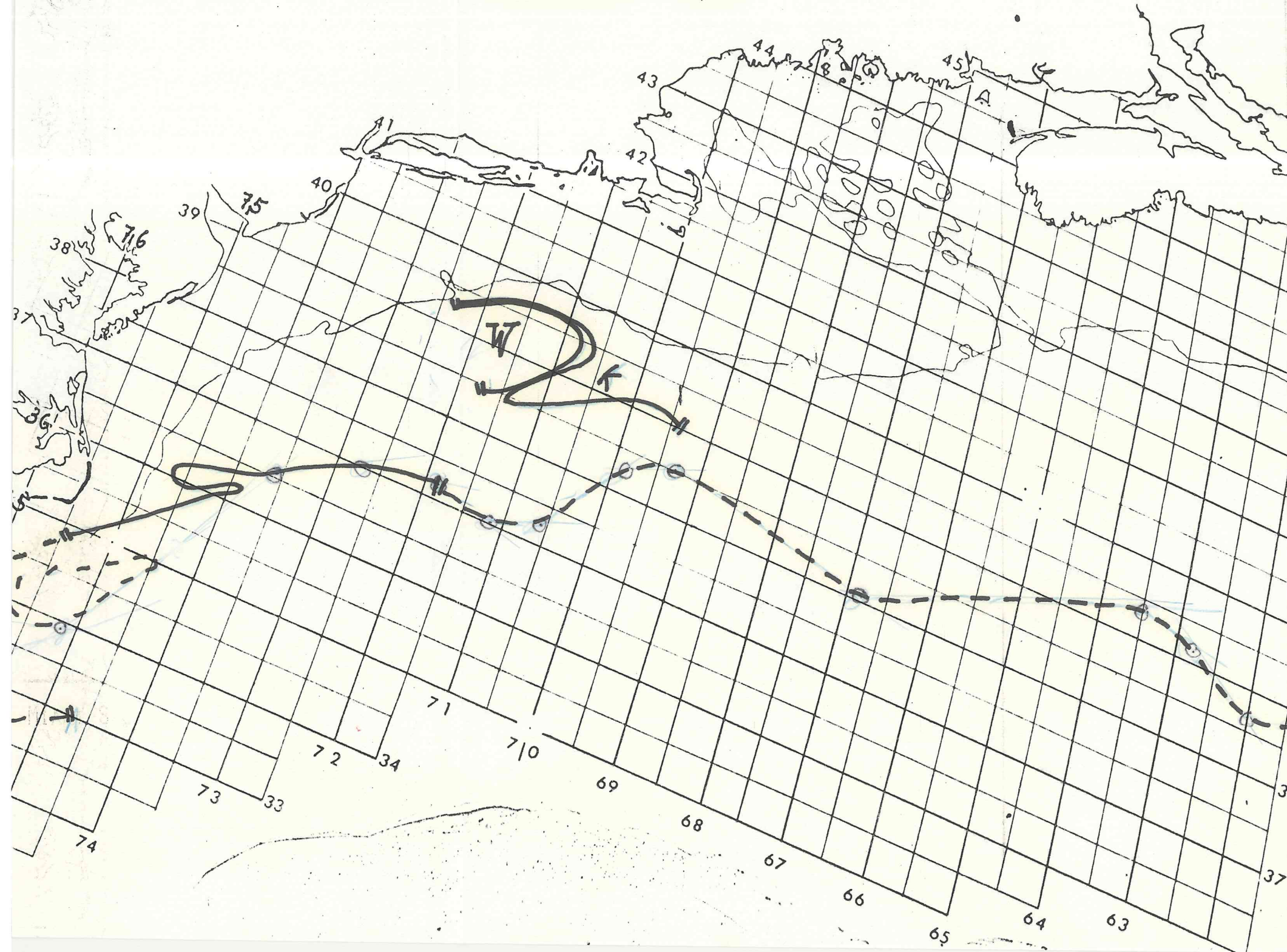
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

08 FEB 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 05 FEB 1982. PART B



NNNN

7070 NTAGI MMTA

1982 FEB -5 PM 2:11

TRXX40 KMTA 021830

ANTAGI MMTA

MIAMI SSSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
05 FEB 1982.

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

245865 227866 238869 248879 255883 264886 267873 266867 272857
288853 275849 265846 255843 251845 242842 237840 235837 241830
242825 242817 245808 250802 260800.

DATA ARE CURRENT SOUTH AND EAST OF 265846. . . REMAINDER FROM 01 AND
02 FEB 82.

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

077/50/M/25. 088/60/M/25. 096/60/M/25. 085/53/M/25. 089/42/M/25.
074/45/M/25. 052/25/M/25. 424/51/M/25. 131/65/M/25. 319/47/M/25.
112/40/M/25. 106/49/M/25. 086/56/M/25. 085/42/M/25. 002/39/M/25.
089/51/M/25. 012/39/M/25. 011/54/M/25. 512/60/M/25. 119/65/M/25.
027/66/M/25.

AN INSIDE FRONT IS OBSERVED INSHORE OF THE MAIN SHOREWARD FRONT OF
THE GULF STREAM 50 NM SE OF A. 42 NM SE OF R. 49 NM E OF C. 42 NM E
OF N. 32 NM E OF E. AND 12 NM E OF F.

DATA ARE CURRENT EXCEPT MAIN FRONTAL POSITIONS NORTH OF F ARE FROM
02 FEB 82.

DATA

NNNN↓↓A
ZCZC WBC439
TBXX40 KMIA 031830
↑MIAGLMMIA
MIAMI SFSS ANAPYSIS OF THE GULF OF MEXICO LOOP CURRENT
05 FEB 1982.

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

215865 227866 238869 246879 255883 264886 167873 266867 273857
280853 275849 265846 255843 251845 242842 237840 235837 241830
243825 243817 245808 250 60800.

DATA ARE CURRENT SOUTH AND EAST OF 265846...REMAINDER FROMAND
03 FEB 82.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A77/50/M/25. B88/60/M/25. C86/60/M/25. D85/53/M/25. E89/42/M/25.
F74/45/M/25. G52/25/M/25. H24/51/M/25. I31/65/M/25. J19/47/M/25.
K12/40/M/25. L06/49/M/25. M06/56/M/25. N05/42/M/25. O02/39/M/25.
P09/51/M/25. Q13/39/M/25. R11/54/M/25. S12/60/M/25. T19/65/M/25.
U27/66/M/25.

AN INSIDE FRONT IS OBSERVED INSHORE OF THE MAIN SHOREWARD FRONT OF
THE GULFSTREAM 50 NM SE OF A..42 NM SE OF B..49 NM E OF C..43 NM E
OF D..32 NM E OF E..AND 13 NM E OF F.

DATA ARE CURRENT EXCEPT MAIN FRONTAL POSITIONS NORTH OF E ARE FROM
03 FEB 82.

BAIG

NNNN↓↓A

ZCZC WBC468

SXNTI KWBC 052130

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

28.0/79.9	29.0/80.0	30.3/80.0
31.4/79.4	32.0/78.0	32.6/77.0
33.2/76.4	34.0/75.4	35.2/74.5
36.9/72.9	37.2/71.6	36.9/70.9
37.0/70.5	38.4/70.4	39.1/69.6
38.6/67.2	38.9/65.0	

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

COLD EDDIES 31.0/73.8/55 NMI. DIAM. 31.0/76.4/45 NMI. DIAM.
33.8/73.2/60 NMI. DIAM.

WARM EDDIES 39.4/71.5/60 NMI. DIAM. 40.7/50.6/85 NMI. DIAM
LATEST SATELLITE DATA 2/5/82 051200Z

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **08 FEB** 1982

215865 221865 230868 235871 241880
 249884 253883 260880 267876 267870
 269864 273858 284855 277847 272846
 267847 253845 246851 239847 235840
 235835 236833 242828 244820 244813
 250803 255801 260800

270800 290800 299801 316796 322788
 324776 339756 345750 352750 355755
 356735 360730 368725 369711
 373699 368678 374665 387655
 391646 394637

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.

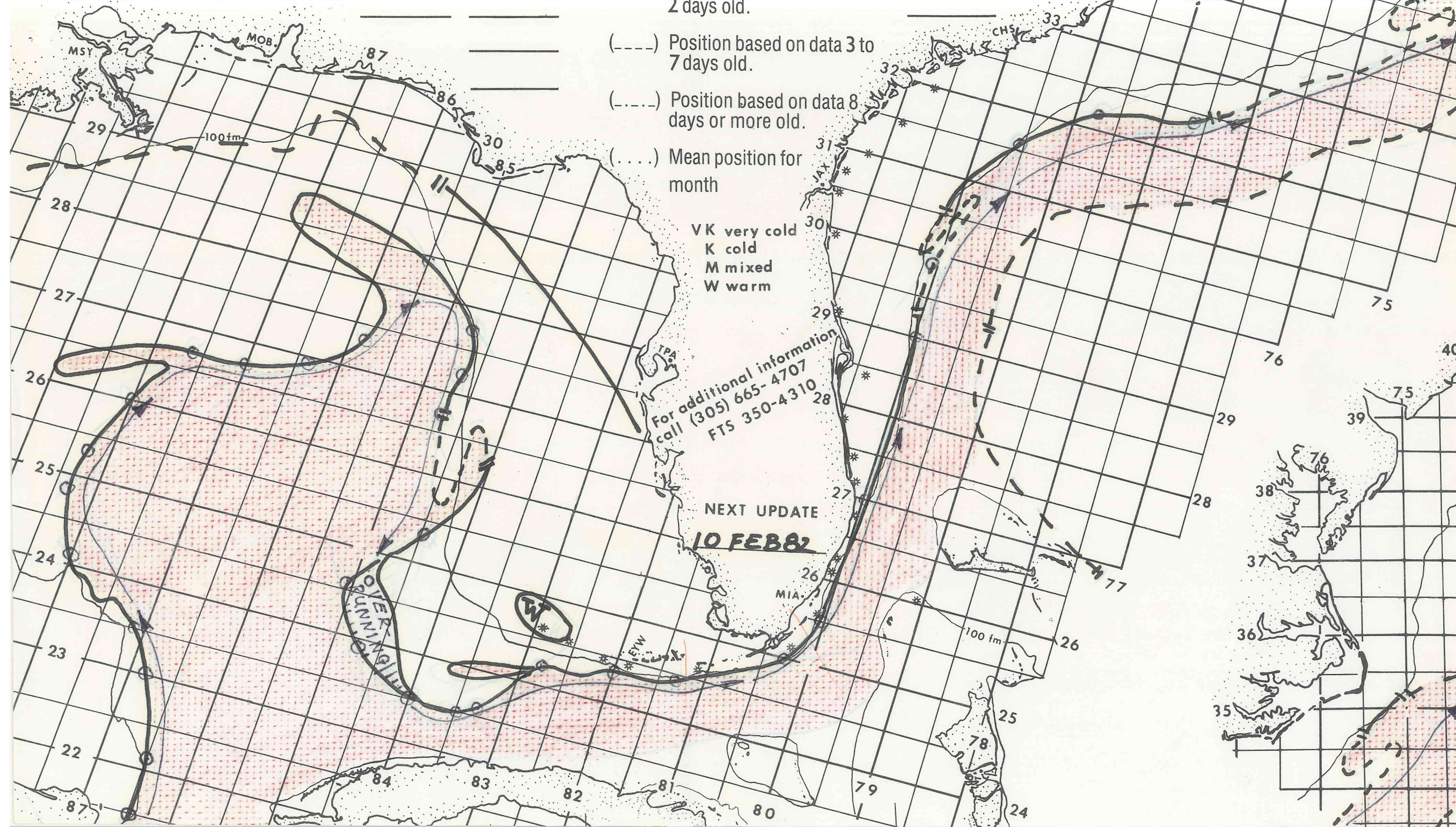
- (——) Position based on data 0 to 2 days old.
- (- - -) Position based on data 3 to 7 days old.
- (- . . .) Position based on data 8 days or more old.
- (. . . .) Mean position for month

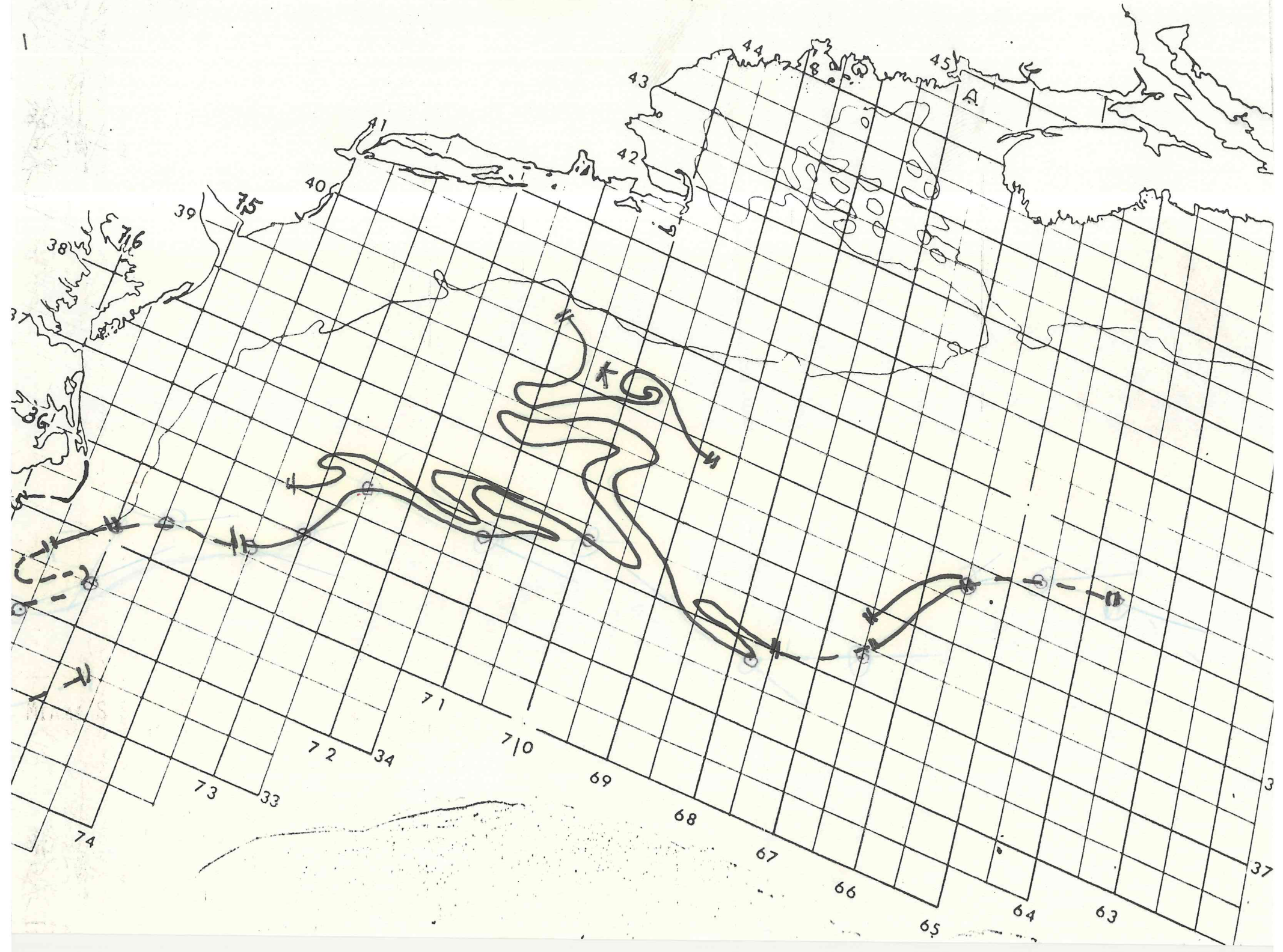
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE

10 FEB 82





1982 FEB -9 AM 9:55

NNNN

ZCZC MIAOIMMIA

TRXXAA KMIA RR1445

MIAOIMMIA

MIAMI SFSR ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
08 FEB 1982.

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

215865 221865 230868 235871 241880 249884 253883 260880 267876
267878 269864 273858 284855 277847 272846 267847 253845 246851
239847 235840 235835 236833 242828 244820 244813 250803 255801
260800. DATA ARE CURRENT.

MIAMI SFSR SELECTED GULF STREAM DATA FOR NOAA WEATHER RADIO...

865/40/W/25. 884/54/W/25. 872/74/W/25. 893/47/W/25. 890/44/W/25.
874/47/W/25. 856/48/W/25. 427/50/W/25. 133/61/W/25. 318/52/W/25.
K12/42/W/25. 105/53/W/25. 806/57/W/25. 805/45/W/25. 005/38/W/25.
804/55/W/25. 006/45/W/25. 805/59/W/25. 508/62/W/25. 123/64/W/25.
035/59/W/25.

ALL DATA EXCEPT R THROUGH F ARE CURRENT.

RR16

1982 FEB -9 AM 9:56

8V

ZCZC MIAGLMMIA

TPXX40 KMIA 081445

+MIAGLMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
08 FEB 1982.

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

215865 221865 230868 235871 241880 249884 253883 260880 267876
267870 269864 273858 284855 277847 272846 267847 253845 246851
239847 235840 235835 236833 242828 244820 244813 250803 255801
260800. DATA ARE CURRENT.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A65/60/M/25. B84/54/M/25. C72/74/M/25. D93/47/M/25. E90/44/M/25.
F74/47/M/25. G56/48/M/25. H27/50/M/25. I33/61/M/25. J18/52/M/25.
K12/42/M/25. L05/53/M/25. M06/57/M/25. N05/45/M/25. O05/38/M/25.
P04/55/M/25. Q06/45/M/25. R05/59/M/25. S08/62/M/25. T21/64/M/25.
U35/59/M/25.

ALL DATA EXCEPT B THROUGH F ARE CURRENT.

BAIG

NNNN

Date: 10 FEB 1982

215864 219865 231872 236874 244880
 250882 256881 263878 269871 270860
 283855 280850 274847 265846 261846
 255844 245845 237847 234845 237838
 239831 241826 242820 244818 245812
 246810 249804 252802 256801 260800//

270800 277799 300801 309799 318792
 322785 324776 341754 355745 356738
 368720 368709 374700 375688 36
 368664 366681 369677 376673
 380663 387655 391647
 392637// SMP

Depicted land should not be used for navigation.

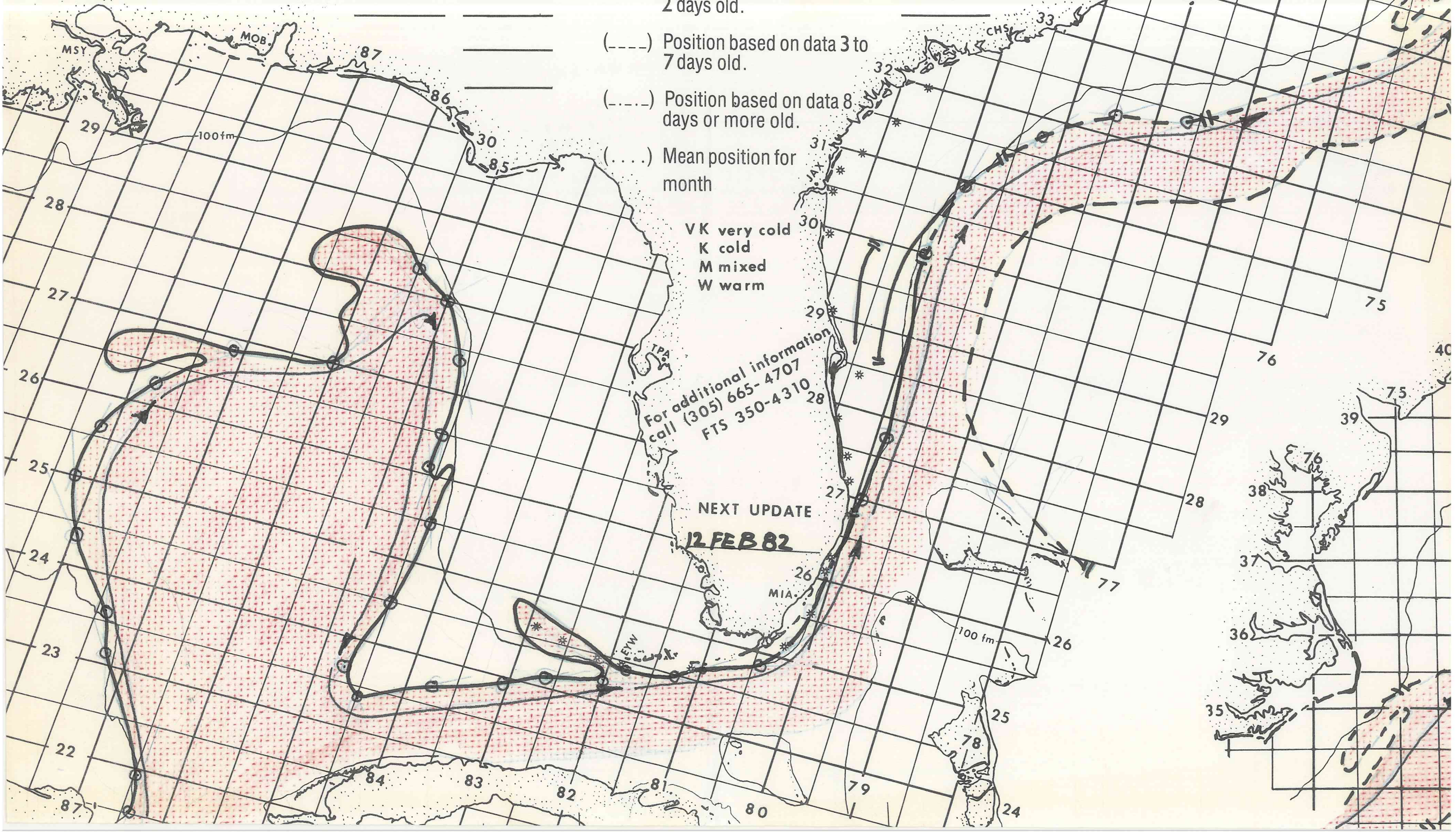
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) 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

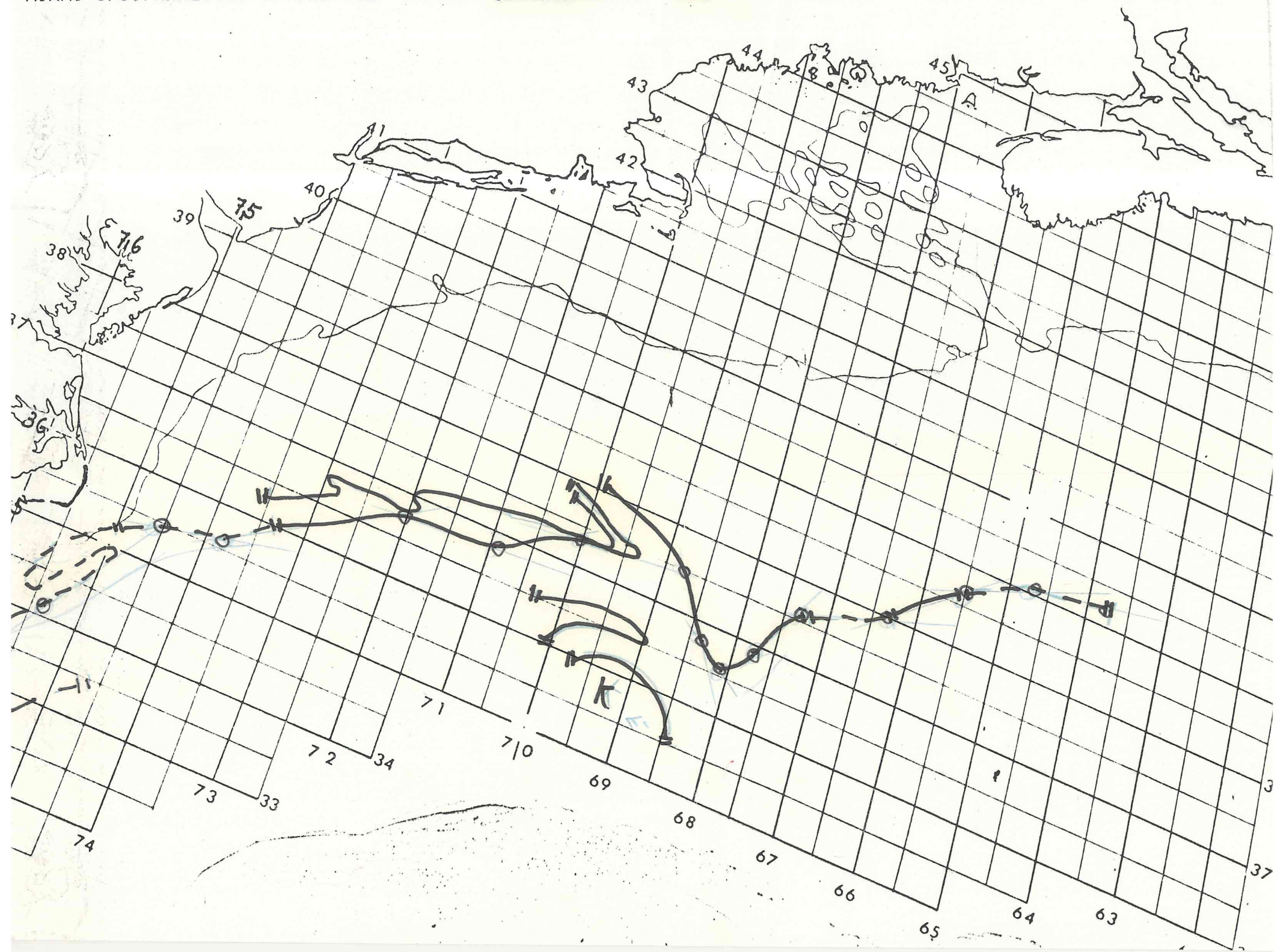
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
12 FEB 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 10 FEB 1982 PART B



NNNN↓A

ZCZC WBC413

SXNT1 KWBC 102200

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

27.0/79.9	27.7/79.9	30.0/80.0	30.9/79.9
31.8/79.2	32.2/78.5	32.4/77.6	34.1/75.4
35.3/74.7	35.6/73.8	36.8/72.0	36.8/70.9
37.3/70.0	37.5/69.4	38.7/70.1	39.3/69.3
38.2/67.0	38.4/65.9	38.9/65.5	39.0/65.0

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

COUNTER CLOCKWISE CIRCULATING

A COLD EDDIESO 36.7/68.0/50 NMI. DIAMØ 36.3/66.2/40 NMI. DIAMØ

CLOCKWISE CURCULATING

A WARM EDDIESO 39.3/71.4/65 NMI. DIAMØ 40.1/65.4/85 NMI. DIAMØ 40.4/
61.2/100 NMI. DIAMØ

LATEST SATELLITE DATAO 2/10/82 1200Z

ZCZC MIAWRKCOM

TBXX 40 KMIA 101730
MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
10 FEB 1982.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER... 1982 FEB 10 PM 1006

215864 219865 231872 236874 244880 250882 256881 263878 269871
270860 283855 280850 274847 265846 261846 255844 245845 237847
234845 237838 239831 241826 242820 244818 245812 246810 249804
252802 256801 260800. DATA ARE CURRENT.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A 74/56M/25. B 75/67M/25. C 78/70M/25. D 83/37M/25. E 81/55M/25.
F 69/51M/25. G 57/44M/25. H 28/45M/25. I 36/55M/25. J 20/47M/25.
K 12/41M/25. L 03/53M/25. M 03/50M/25. N 02/44M/25. O 00/42M/25.
P 00/60M/25. Q 00/49M/25. R 03/63M/25. S 15/57M/25. T 25/60M/25.
U 40/58M/25.

ALL DATA EXCEPT A THROUGH F ARE CURRENT.

BAIG

RAWARC GT23421

TAPE GT 7072

NNNN

1982 FEB 10 PM 1:03

M
ZCZC MIAWRKCOM

TBXX40 KMIA 101730
↑MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
10 FEB 1982.

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

215864 219865 231872 236874 244880 250882 256881 263878 269871
270860 283855 280850 274847 265846 261846 255844 245845 237847
234845 237838 239831 241826 242820 244818 245812 246810 249804
252802 256801 260800. DATA ARE CURRENT.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A74/56/M/25. B75/67/M/25. C78/70/M/25. D83/37/M/25. E81/55/M/25.
F69/51/M/25. G57/44/M/25. H28/45/M/25. I36/55/M/25. J20/47/M/25.
K12/41/M/25. L03/53/M/25. M03/50/M/25. N02/44/M/25. O00/42/M/25.
P00/60/M/25. Q00/49/M/25. R03/63/M/25. S15/57/M/25. T25/60/M/25.
U40/58/M/25.

ALL DATA EXCEPT A THROUGH F ARE CURRENT.

BAIG

NNNN

NNNN

7070 MIAMI MNTA

7070

MIAMI MNTA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
10 FEB 1982.

1982 FEB 10 PM 1:29

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

215000 219000 223000 227000 231000 235000 239000 243000 247000
251000 255000 259000 263000 267000 271000 275000 279000
283000 287000 291000 295000 299000 303000 307000 311000
315000 319000 323000. DATA ARE CURRENT.

MIAMI SESS SELECTED GULFSTREAM DATA FOR NOAA WEATHER BARRIS...

074/56/W/25. 075/67/W/25. 078/70/W/25. 083/87/W/25. 084/55/W/25.
089/51/W/25. 057/44/W/25. 028/45/W/25. 136/55/W/25. 120/47/W/25.
017/41/W/25. 103/53/W/25. 003/50/W/25. 007/44/W/25. 000/42/W/25.
000/60/W/25. 000/49/W/25. 003/63/W/25. 515/57/W/25. 125/60/W/25.
040/58/W/25.

ALL DATA EXCEPT A THROUGH F ARE CURRENT.

DATA

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 12 FEB 1982

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

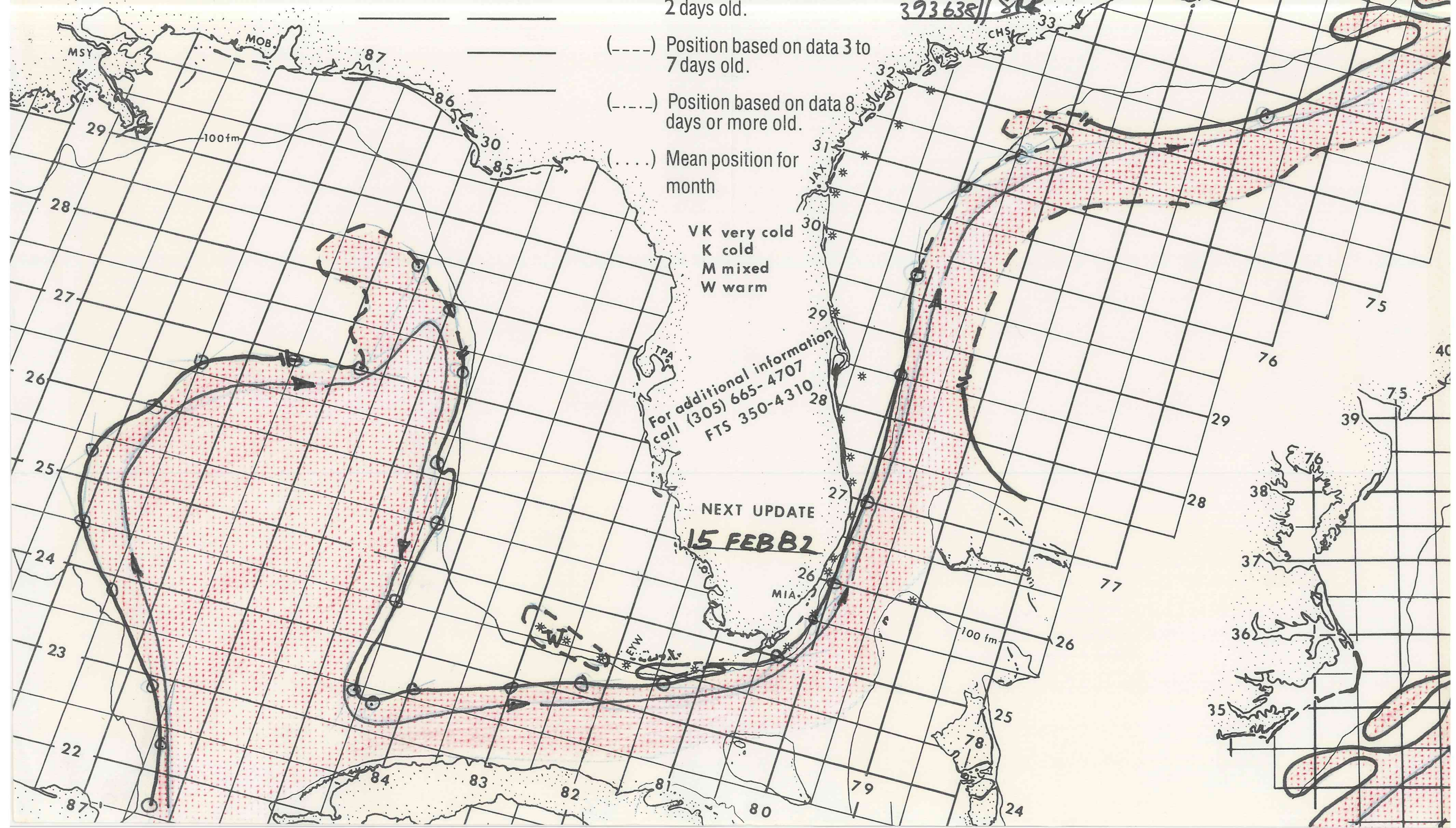
For additional information
call (305) 665-4707
FTS 350-4310

NEXT UPDATE

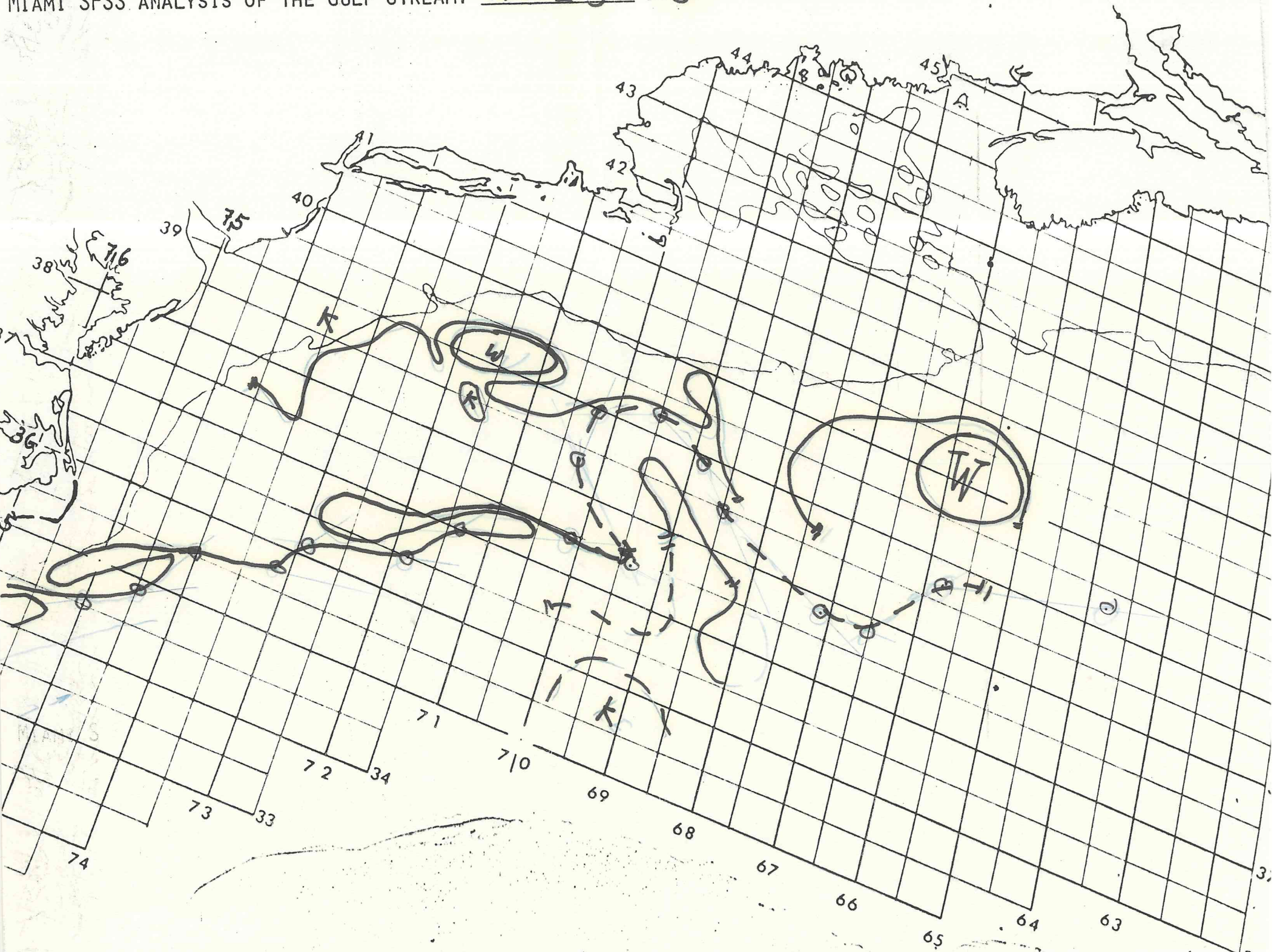
15 FEB 82

216863 224864 229867 238875 245880
253882 260878 266875 269865 270858
284856 279850 273847 261846 255843
245845 234846 234844 236840 239830
241823 244814 250803 255801 260800//

270799 285800 293801 309799 315795
327768 345750 349745 355740 358731
361729 365718 370714 375701 36
375694 384703 390702 392695
389689 385685 379671
379665 387658
393638// 81R



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 12 FEB 1981 PART B



NNNN

ZCZC NTAGLMMIA

TXX40 KNTA 101730

NTAGLMMIA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

10 FEB 1982.

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

215000 219005 221072 226074 244000 250002 256001 263070 269071
270000 280055 280050 274047 265046 261046 255044 245045 237047
234045 237000 239001 241026 242020 244010 245012 246010 249004
252002 256001 260000. DATA ARE CURRENT.

MIAMI SESS SELECTED GULFSTREAM DATA FOR NOAA WEATHER BATHO...

A74/56/M/25. A75/67/M/25. C70/70/M/25. D03/37/M/25. E01/55/M/25.
F69/51/M/25. G57/44/M/25. H20/45/M/25. I36/55/M/25. J20/47/M/25.
K12/41/M/25. L03/53/M/25. M03/50/M/25. N02/44/M/25. O00/42/M/25.
P00/60/M/25. Q00/49/M/25. R03/63/M/25. S45/57/M/25. T25/60/M/25.
U40/50/M/25.

ALL DATA EXCEPT A THROUGH F ARE CURRENT.

DATA

1982 FEB 12 PM 12:50

1982 FEB 12 PM 2:06

7070 NTAGLMMIA

TRXX40 KNTA 121800

AMTAGLMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

12 FEB 1982.

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

216863 224864 229867 238875 245880 253882 260878 266875 269865
270858 284856 279850 273847 261846 255843 245845 234847 234844
236840 239830 241823 244814 250803 255801 260800.

DATA ARE CURRENT.

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

A70/57/W/25. R73/66/W/25. C77/70/W/25. D83/59/W/25. E80/55/W/25.
F67/53/W/25. G54/47/W/25. H25/49/W/25. I33/55/W/25. J20/46/W/25.
K14/40/W/25. L05/50/W/25. M06/52/W/25. N06/43/W/25. O01/43/W/25.
P00/59/W/25. Q05/42/W/25. R14/56/W/25. S18/57/W/25. T30/57/W/25.
U44/53/W/25.

A PLUME OF COOL WATER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM BETWEEN O AND R... WITH AN INSIDE FRONT NEAR SHORE.

ALL DATA ARE CURRENT EXCEPT A THROUGH F.

DATA

NNNN

ZCZC NTAGLMMTA

TRXX40 KMTA 121800

NTAGLMMTA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

12 FEB 1982.

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

216863 224864 229867 238875 245880 253882 260878 266875 269865

270858 284856 279850 273847 261846 255843 245845 234847 234844

236840 239830 241823 244814 250803 255801 260800.

DATA ARE CURRENT.

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

A78/57/W/25. R73/66/W/25. C77/70/W/25. D83/59/W/25. E80/55/W/25.

F67/53/W/25. G54/47/W/25. H25/49/W/25. I33/55/W/25. J20/46/W/25.

K14/40/W/25. L05/50/W/25. M06/52/W/25. N06/43/W/25. O01/43/W/25.

P00/59/W/25. Q05/42/W/25. R14/56/W/25. S18/57/W/25. T30/57/W/25.

U44/53/W/25.

A PLUME OF COOL WATER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM BETWEEN Q AND R...WITH AN INSIDE FRONT NEAR SHORE.

ALL DATA ARE CURRENT EXCEPT A THROUGH F.

BTB

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 15 FEB 1982

5864 222864 230869 239875 246881
 2882 258881 264877 269870 269860
 34855 275846 267847 264867 257840
 50844 238846 234844 233841 237836
 39830 242822 242817 246808 247803
 51799 255800 260800/ _____

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 296801 305801 312798
 321790 325770 328766 342759 345751
 349750 350744 356740 358734 36
 362728 363722 372711 374705
 372699 375694 382702
 388703 392700
 394695

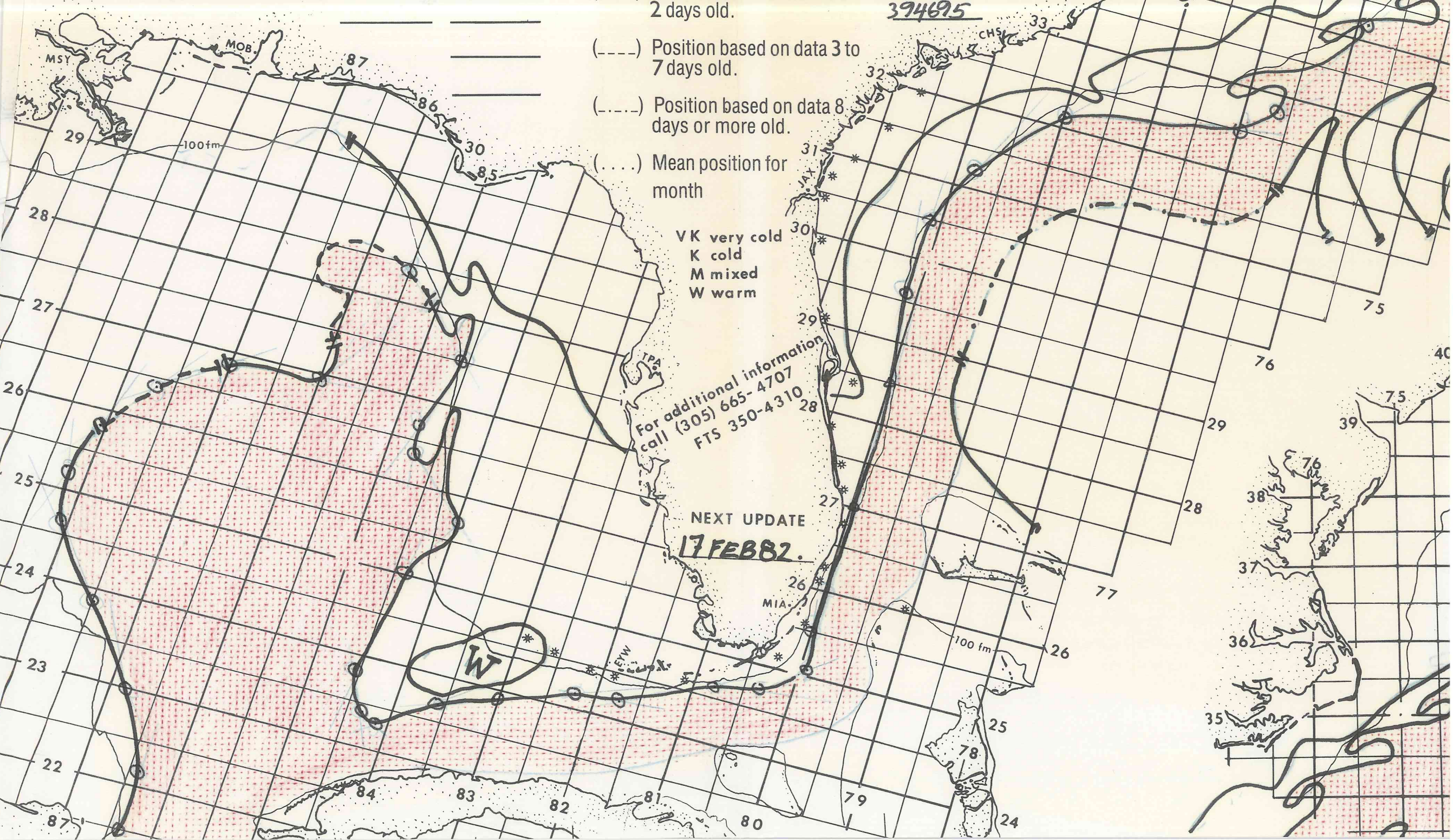
- (____) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (-----) Position based on data 8 days or more old.
- (.....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

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

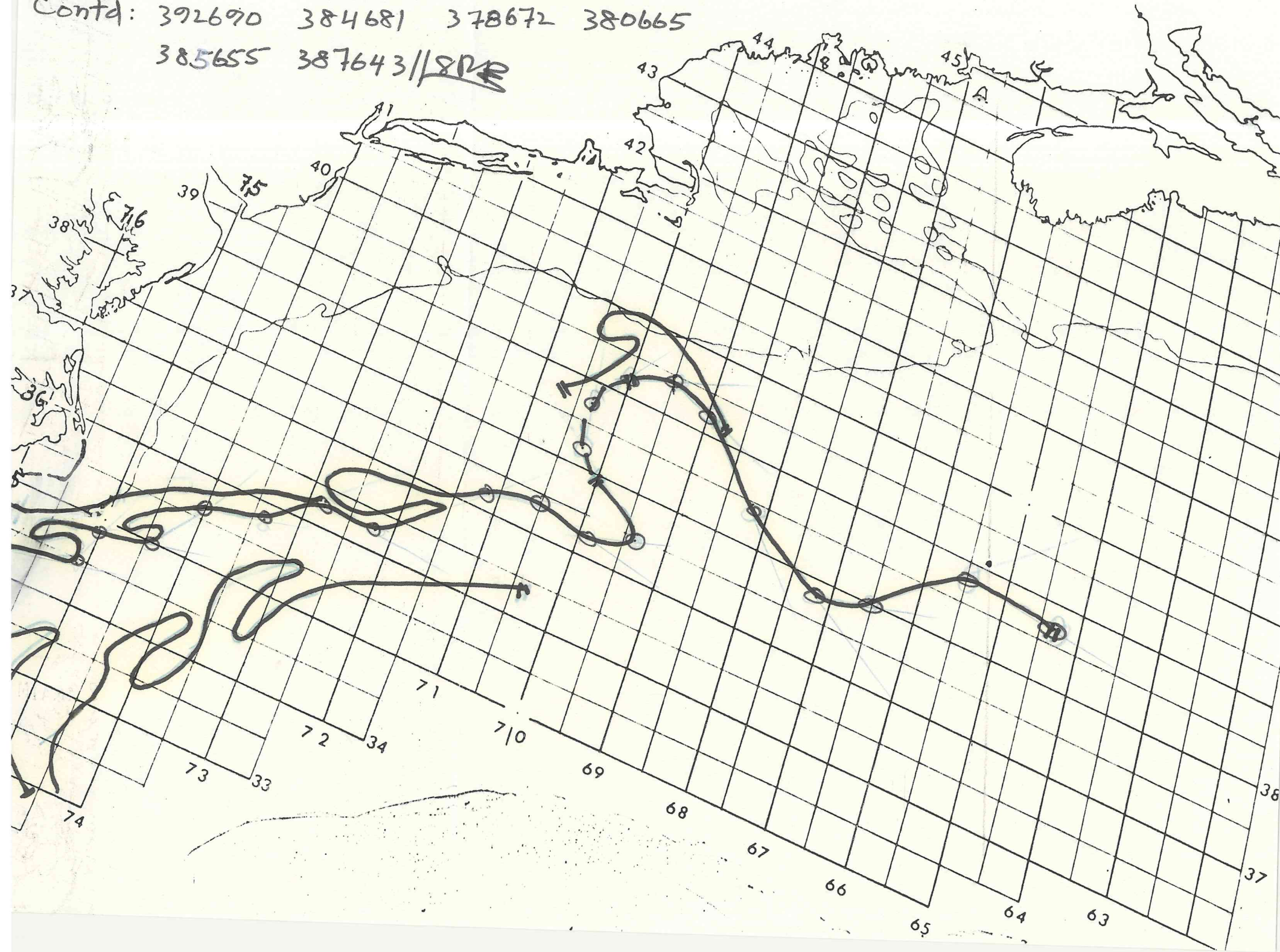
NEXT UPDATE

17 FEB 82.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 15 FEB 1982 PART B

GSWB
Contd: 392690 384681 378672 380665
385655 387643 // SPR



WWW

7070 NTAGI NNTA

TRXX40 KNTA 151730

ANTAGI NNTA

1982 FEB 15 PM 12:45

NTANT SSSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
15 FEB 1982.

CORER POINTS AT THE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....

216864 222864 228864 234875 240881 252882 258881 264877 269870
269860 284855 275846 267847 264867 257848 258844 238846 234844
233841 237836 239830 242822 242817 246808 247803 251799 255800
260800. DATA ARE CURRENT.

NTANT SSSS SELECTED GULF ESTREAM DATA FOR NOAA WEATHER BARRA...

867/58/W/25. 868/60/W/25. 875/74/W/25. 878/82/W/25. 875/59/W/25.
865/55/W/25. 851/46/W/25. 824/44/W/25. 732/58/W/25. 717/55/W/25.
618/45/W/25. 105/48/W/25. 886/51/W/25. 887/42/W/25. 889/33/W/25.
817/39/W/25. 888/48/W/25. 815/52/W/25. 818/55/W/25. 731/55/W/25.
1141/51/W/25.

AN INSTANT FRONT IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT THE FOLLOWING LOCATIONS... 22 NM SE OF A... 24 NM SE OF B...
28 NM E OF C... 34 NM E OF D... 28 NM E OF E... 18 NM E OF F... 14 NM E OF
G... AND 05 NM E OF H.

ALL DATA ARE CURRENT EXCEPT WIDTHS OF GULF ESTREAM BETWEEN A AND F
ARE BASED ON POSITIONS OF THE OFFSHORE EDGE OF THE GULF ESTREAM
FROM LAST WEEK.

DATA

NNNN↓↓A
ZCZC WBC357
TBXX40 KMIA 151730
↑MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
15 FEB 1982.

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

216864 222864 230869 239875 246881 252882 258881 264877 269870
269860 284855 275846 267847 264867 257840 250844 238846 234844
233841 237836 239830 242822 242817 246808 247803 251799 255800
260800. DATA ARE CURRENT.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A67/58/M/25. B68/60/M/25. C75/74/M/25. D78/82/M/25. E75/59/M/25.
F65/55/M/25. G51/46/M/25. H24/44/M/25. I32/58/M/25. J17/55/M/25.
K10/45/M/25. L05/48/M/25. M06/51/M/25. N07/42/M/25. O09/33/M/25.
P17/39/M/25. Q08/40/M/25. R15/52/M/25. S18/55/M/25. T31/55/M/25.
U41/51/M/25.

AN INSIRVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT THE FOLLOWING LOCATIONS...23 NM SE OF A..24 NM SE OF B..
30 NM E OF C..34 NM E OF D..28 NM E OF E..18 NM E OF F..14 NM E OF
G..AND 05 NM E OF H.

ALL DATA ARE CURRENT EXCEPT WIDTHS OF GULFSTREAM BETWEEN A ND F
ARE BASED ON POSITIONS OF THE OFFSHORE EDGE OF THE GULFSTREAM
FROM LAST WEEK.

BAIG

1982 FEB 15 PM 12:57

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 17 FEB 1982

215864 220865 230870 240875 250877
 257878 268882 267870 269861 272860
 275860 283867 289864 290860 285850
 275846 265843 260842 247842 240846
 235838 236834 243823 244815 244810
 247804 251800 255799 260800//

270798 277798 290800 302800 312797
 322788 325780 326771 329764 342758
 346750 352745 354740 358737 36
 365718 371712 377695 380664
 385657 386640// SUR

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.

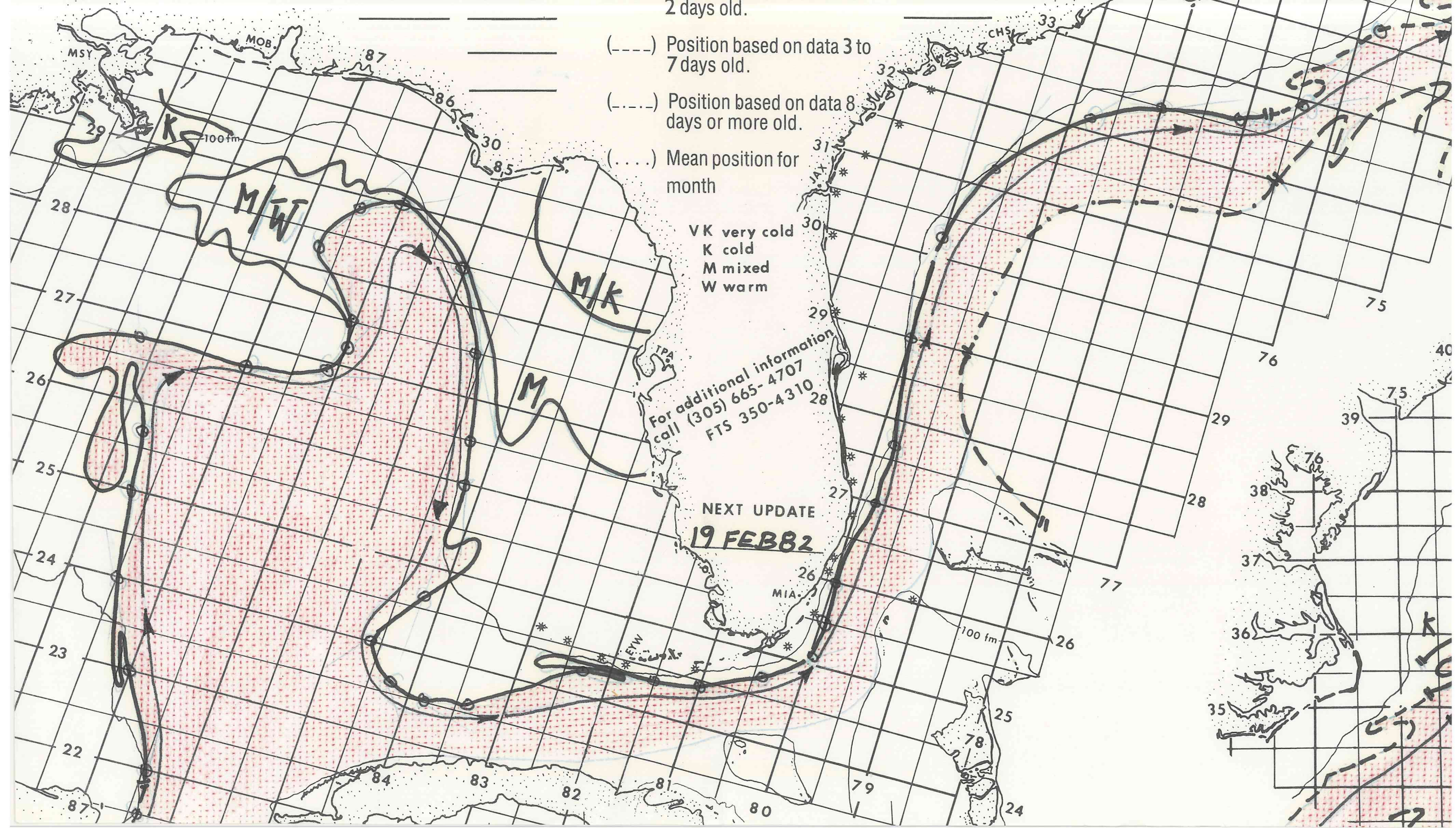
- (——) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (-.-.-) Position based on data 8 days or more old.
- (....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

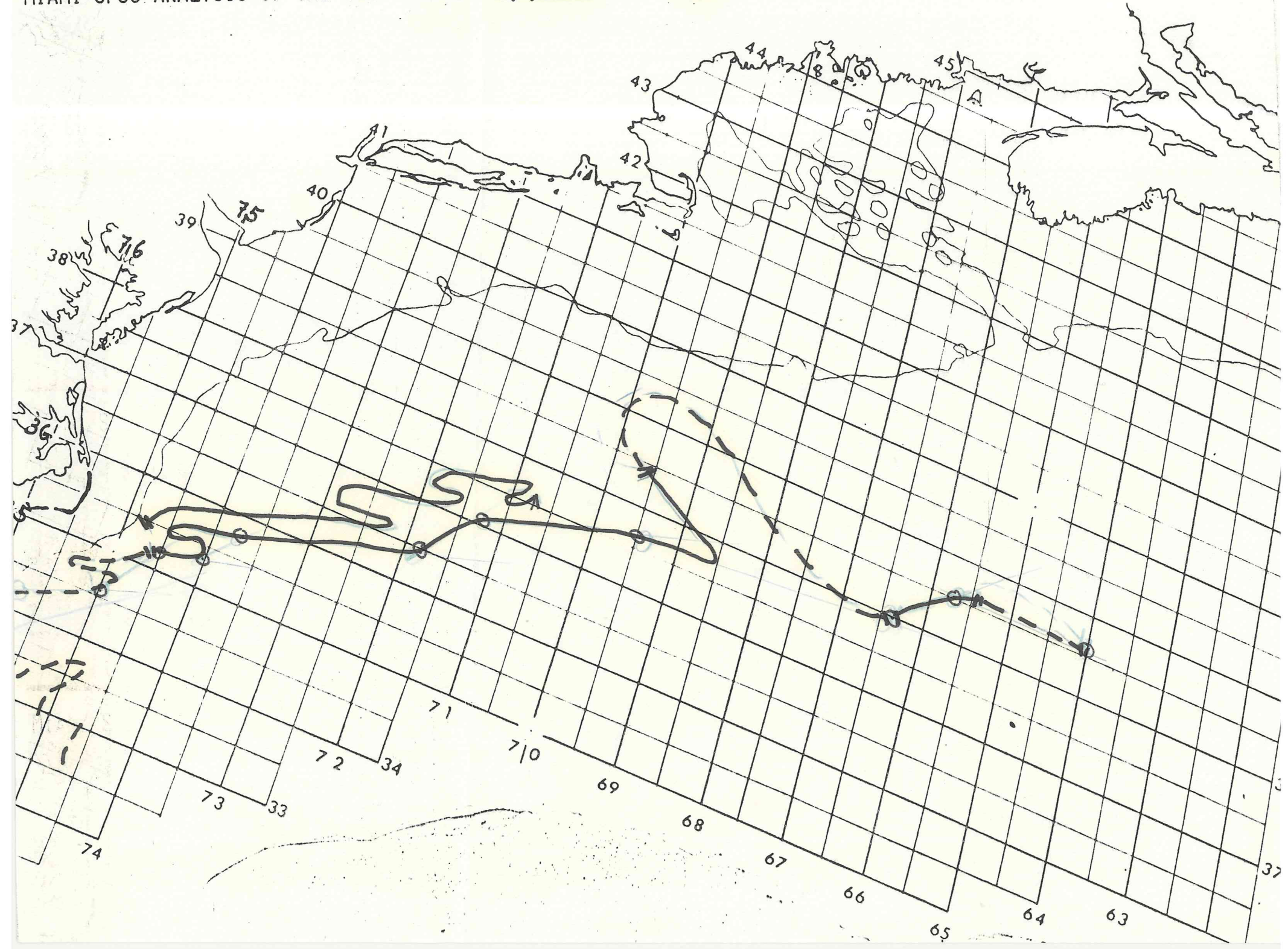
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

19 FEB 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 17 FEB 1982 PART B



↓↓A

ZCZC WBC918

SXNT1 KWBC 172114

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

27.0/79.8	27.7/79.8	29.0/80.0	30.2/80.0
31.2/79.7	31.1/78.8	32.3/78.0	32.6/77.1
32.9/76.6	34.0/75.8	35.0/74.4	35.4/74.0
35.8/73.7	36.5/71.8	37.0/71.0	37.6/70.0
38.0/66.4	38.5/65.7	38.7/65.0	

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

COLD EDDIES. 35.4/70.3 /35NMI DIAM 36.5/67.0/40NMI DIAM 36.6/64.9/
45NMI DIAM

WARM EDDIES. 39.4/71.4/65NMI DIAM 39.4/69.5/65NMI DIAM 40.3/65.6/
65NMI DIAM

LATEST SATELLITE DATA. 2/17/82 AT 1200Z

7072

1982 FEB 17 AM 11:15

BV

ZCZC MIAGLMMIA

BXX40 KMIA 171615

↑MIAGLMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
17 FEB 1982.

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

215864 220865 230870 240875 250877 257878 268882 267870 269861
272860 275860 283867 289864 290860 285850 275846 265843 260842
247842 240846 235838 236834 243823 244815 244810 247804 251800
255799 260800. DATA ARE CURRENT.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A74/54/M/25. B80/62/M/25. C82/61/M/25. D87/55/M/25. E85/51/M/25.
F72/49/M/25. G55/41/M/25. H27/40/M/25. I39/50/M/25. J27/45/M/25.
K19/33/M/25. L11/43/M/25. M08/50/M/25. N07/40/M/25. O09/31/M/25.
P15/42/M/25. Q13/35/M/25. R10/56/M/25. S10/62/M/25. T25/60/M/25.
U46/49/M/25.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN R AND U...WITH AN INSIDE FRONT NEAR THE 100 FM LINE.
DATA ARE CURRENT.

BAIG

NNNN↓

NNNN
7070: NTAGI MNTA

7073

1982 FEB 17 AM 11: 14

TRXX40 KNTA 171615

NTAGI MNTA

MIAMI SFSO ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
17 FEB 1982.

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

215064 220065 230070 240075 250077 257078 260080 267070 269061
272060 275060 283067 289064 290060 285050 275046 265043 260042
247042 240046 235038 236034 243023 244015 244010 247004 251000
255799 260000. DATA ARE CURRENT.

MIAMI SFSO SELECTED GULF STREAM DATA FOR NOAA WEATHER BARRIS...

074/54/M/25. 080/62/M/25. 082/61/M/25. 087/55/M/25. 085/54/M/25.
077/49/M/25. 055/41/M/25. 027/40/M/25. 139/50/M/25. 127/45/M/25.
019/33/M/25. 111/42/M/25. 008/50/M/25. 007/40/M/25. 009/31/M/25.
015/42/M/25. 013/35/M/25. 010/56/M/25. 010/62/M/25. 125/60/M/25.
1146/49/M/25.

A MEANBERTS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF STREAM
BETWEEN 0 AND 11... WITH AN INSIDE FRONT NEAR THE 100 FM LINE.
DATA ARE CURRENT.

DATA

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

215864 223866 237874 244877 257875
268877 268864 271855 273845 265842
259841 252844 240844 235842 235839
238830 242823 245812 247808 250802
260801 // _____

Date: 19 FEB 1982

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.

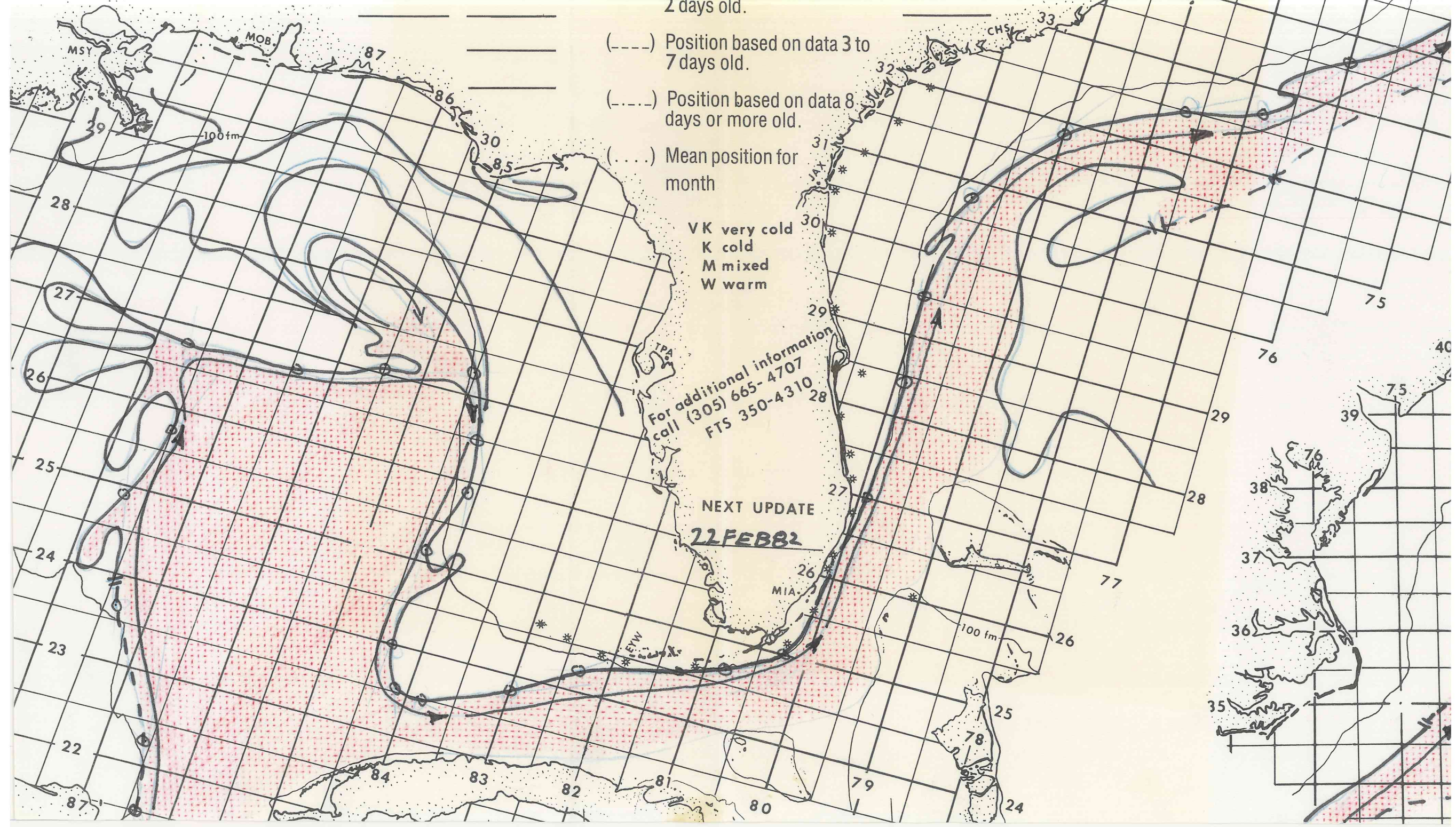
277799 284799 295800 308798 319790
325777 327768 336760 340754 351744
357736 365716 372708 377692 36
377684 381663 386655 386634 // 81K 35

- (____) 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

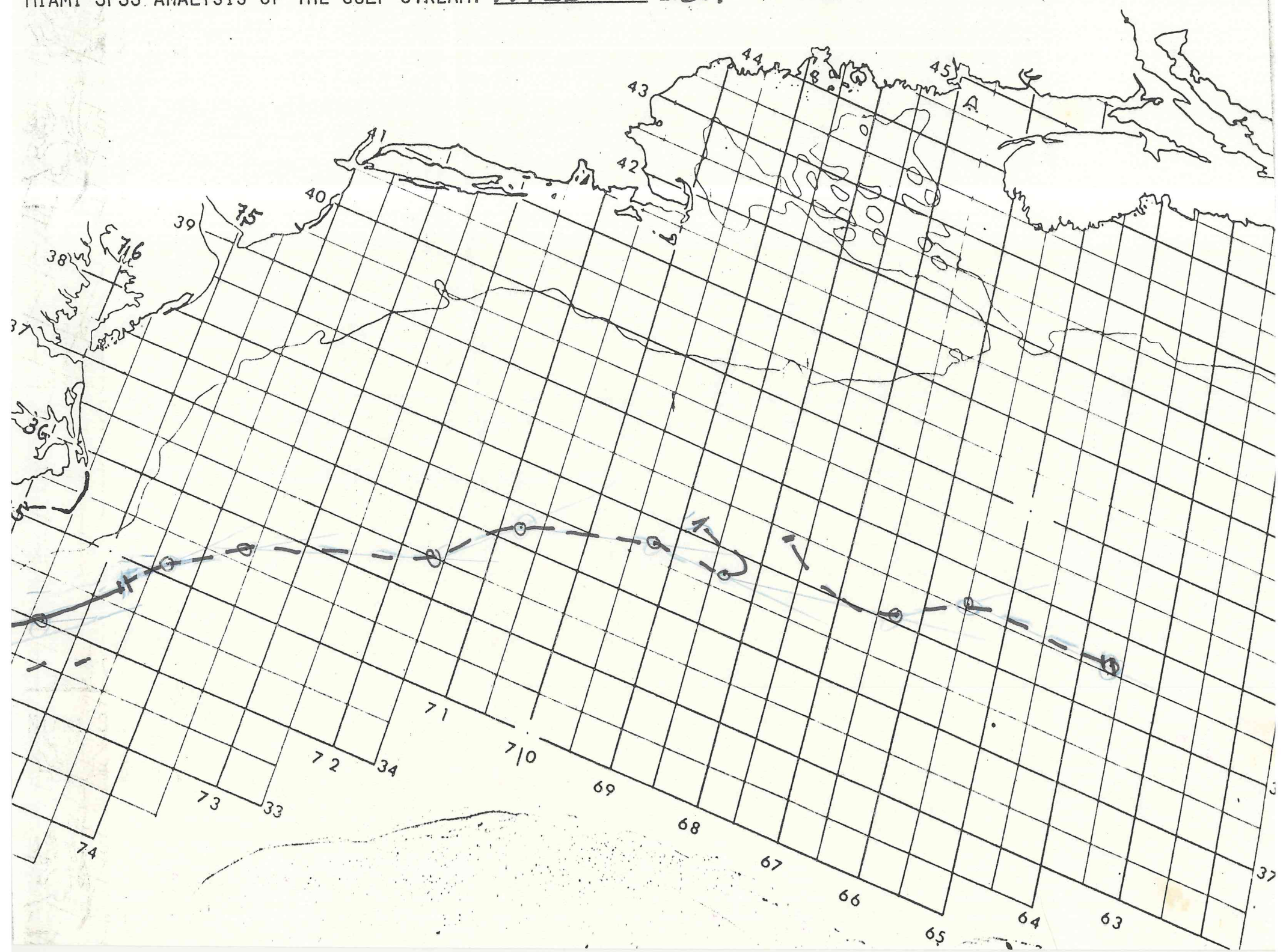
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
21 FEB 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 19 FEB 1982. PART B



NNNNJJJ

ZCZC WBC554

SXNT I KWBC 192100

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

27.0/79.8	27.7/79.8	29.0/80.0	30.2/80.0
31.2/79.7	32.1/78.8	32.3/78.0	32.6/77.1
32.9/76.6	34.0/75.8	35.0/74.4	35.4/74.0
35.8/73.7	36.5/71.8	37.0/71.0	37.6/70.0
38.0/66.4	38.5/65.7	38.7/65.0	

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

COLD EDDIESO 35.4/70.3/35NMI DIAM 36.5/67.0/40NMI DIAM
36.6/64.9/45NMI DIAM 30.8/78.4/55NMI DIAM
32.6/74.0/55NMI DIAM

WAGM EDDIESO 39.4/71.4/65NMI DIAM 39.4/69.5/65 NMI DIAM
40.3/65.6/65NMI DIAM

LATEST SATELLITE DATAO 2/19/82 1200Z

Rec'd

1982 FEB 21 AM 12:44

NNNN

E

ZCZC

SXNT 1 KWBC 192100

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

27.0/79.8	27.7/79.8	29.0/80.0	30.2/80.0
31.2/79.7	32.1/78.8	32.3/78.0	32.6/77.1
32.9/76.6	34.0/75.8	35.0/74.4	35.4/74.0
35.8/73.7	36.5/71.8	37.0/71.0	37.6/70.0
38.0/66.4	38.5/65.7	38.7/65.0	

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

COLD EDDIESO 35.4/70.3/35NMI DIAM 36.5/67.0/40NMI DIAM
36.6/64.9/45NMI DIAM 30.8/78.4/55NMI DIAM
32.6/74.0/55NMI DIAM

WARM EDDIESO 39.4/71.4/65NMI DIAM 39.4/69.5/65 NMI DIAM
40.3/65.6/65NMI DIAM

LATEST SATELLITE DATAO 2/19/82 1200Z

NNNN

ZCZC

SXNT 1 KWBC 192100

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

27.0/79.8	27.7/79.8	29.0/80.0	30.2/80.0
31.2/79.7	32.1/78.8	32.3/78.0	32.6/77.1
32.9/76.6	34.0/75.8	35.0/74.4	35.4/74.0
35.8/73.7	36.5/71.8	37.0/71.0	37.6/70.0
38.0/66.4	38.5/65.7	38.7/65.0	

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

COLD EDDIESO 35.4/70.3/35NMI DIAM 36.5/67.0/40NMI DIAM
36.6/64.9/45NMI DIAM 30.8/78.4/55NMI DIAM
32.6/74.0/55NMI DIAM

WARM EDDIESO 39.4/71.4/65NMI DIAM 39.4/69.5/65 NMI DIAM
40.3/65.6/65NMI DIAM

LATEST SATELLITE DATAO 2/19/82 1200Z

RCVD
1982 FEB 21 AM 12:45

WWW

7070 MTRG MTR

1982 FEB 19 PM 1:00

TRXXAA KMTA 191745

MTRG MTR

MIAMI SFSR ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
19 FEB 1982.

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

215866 222866 237874 244877 257875 268877 288866 271855 273845
265842 259844 252844 248844 235847 225834 228830 242822 245812
247808 258802 268800.

DATA ARE CURRENT.

MIAMI SFSR SELECTED GULF STREAM DATA FOR NOAA WEATHER BARRA...

880/55/W/25. 879/49/W/25. 890/35/W/25. 890/40/W/25. 885/45/W/25.
878/57/W/25. 856/67/W/25. 890/67/W/25. 135/71/W/25. 121/48/W/25.
813/38/W/25. 105/49/W/25. 800/59/W/25. 800/47/W/25. 800/48/W/25.
804/52/W/25. 804/44/W/25. 806/64/W/25. 810/61/W/25. 845/47/W/25.

DATA

Date: 22 FEB 1982

215864 220865 227871 237875 248875
 258875 264871 269868 268863 271854
 273846 270844 261843 255842 249844
 241844 236843 235838 240827 244824
 244815 247806 250802 256799 260800//

270799 274799 287800 301802 317795
 323786 325773 338758 347756 355737
 361733 366716 375706 378698 36
 377689 381672 380667 381661
 385654 388644 379633// 84P 35

Depicted land should not be used for navigation.

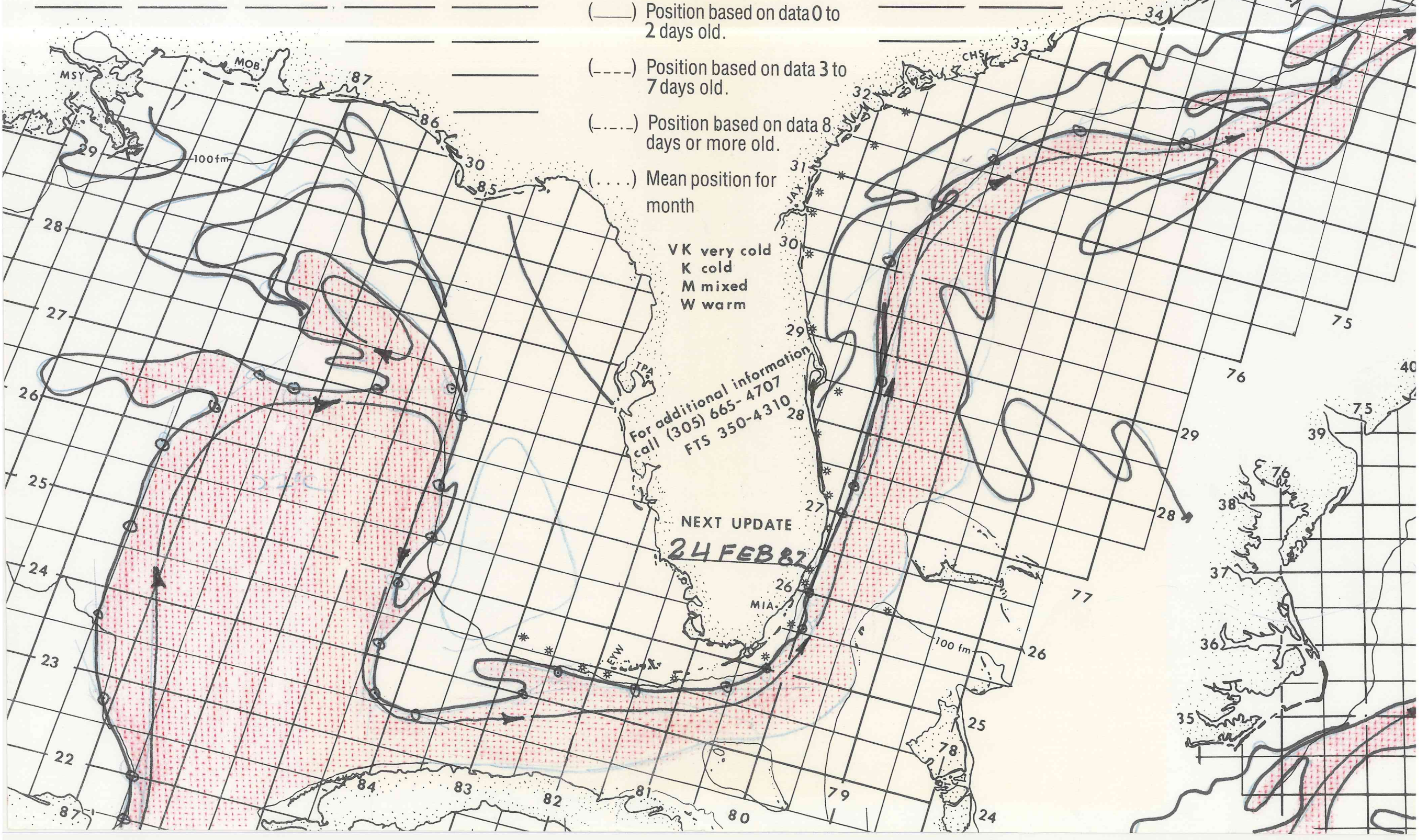
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) 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

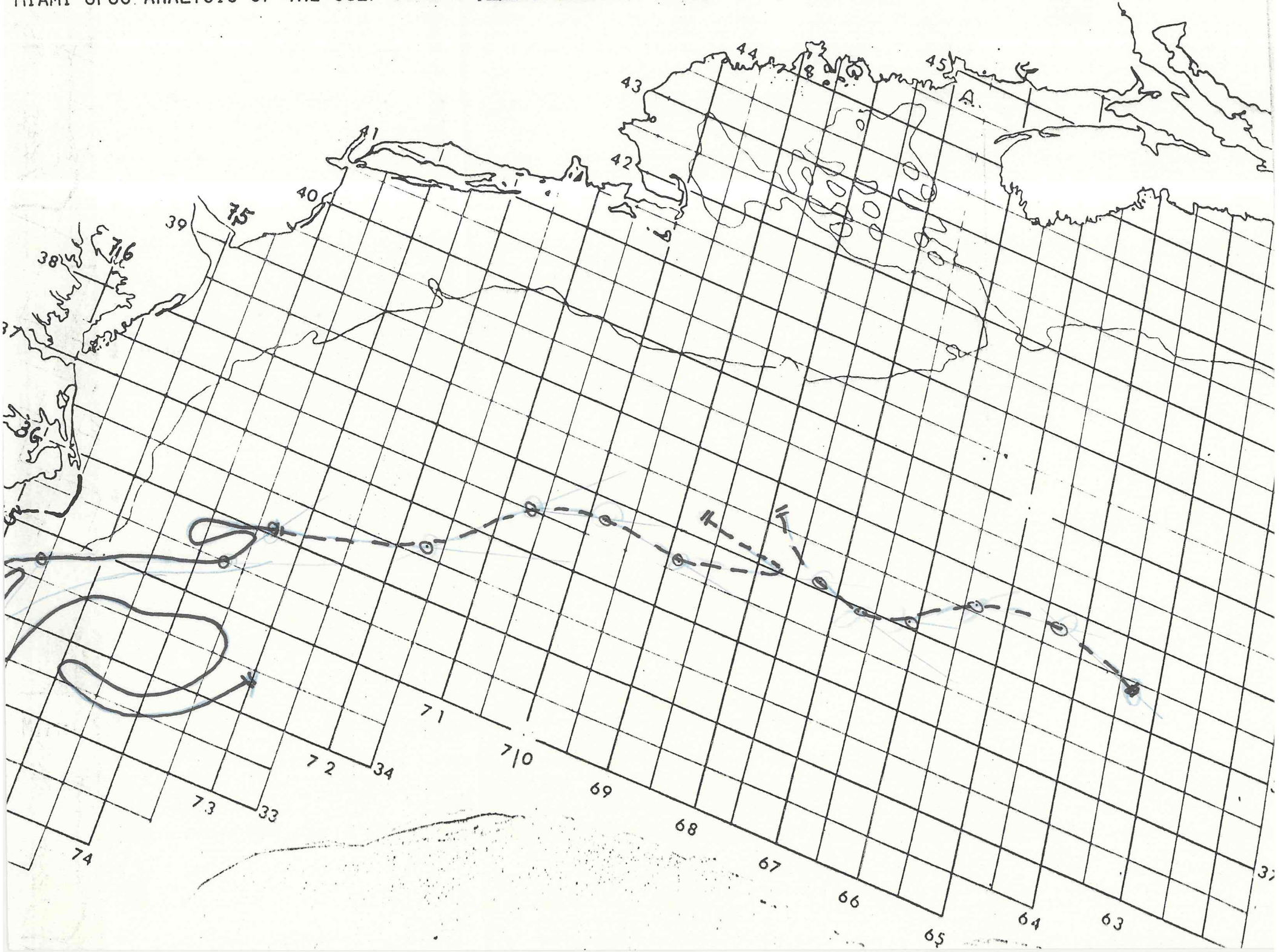
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
24 FEB 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 22 FEB 1982. PART B



NNNN↓↓A

ZCZC WBC952

SXNT1 KWBC 222230

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

27.0/79.9	27.4/79.9	28.7/80.0	30.1/80.1
31.6/79.5	32.4/77.3	33.8/75.8	34.7/75.6
35.0/74.1	36.0/73.1	37.7/70.0	38.3/66.6
38.9/66.7	39.0/65.0		

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

COLD EDDIES 29.5/75.4/50 NMI. DIAM. 32.6/75.0/65.0 NMI. DIAM

WARM EDDIES 40.4/65.4/65 NMI. DIAM.

LATEST SATELLITE DATA 2/22/82 221200Z

NNNN

NNNN↓↓A
ZCZC WBC896
TBXX40 KMIA 221645
↑MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
22 FEB 1982.

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

215864 220865 227871 237875 248875 258875 264871 269868 268863
271854 273846 270844 261843 255842 249844 241844 236843 235838
240827 244824 244815 247806 250802 256799 260800.

DATA ARE CURRENT.

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

A73/58/M/25. B67/45/M/25. C81/42/M/25. D80/50/M/25. E70/60/M/25.
F56/40/M/25. G55/58/M/25. H28/58/M/25. I33/72/M/25. J21/54/M/25.
K15/38/M/25. L05/49/M/25. M05/55/M/25. N05/44/M/25. O09/33/M/25.
P05/49/M/25. Q09/40/M/25. R05/65/M/25. S07/67/M/25. U45/45/M/25.

SMALL MEANDERS ARE OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT A AND C.

A LARGE MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN T AND U...WITH AN INSIDE FRONT NEAR THE 100 FM LINE.

•
BAIG

NNNN

7070 MIAMI NMIA

TQYVAA NMIA 221645

1982 FEB 22 AM 11:48

MIAMI NMIA

MIAMI SFSR ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
22 FEB 1982.

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

245864 220865 227871 237875 248875 258875 264871 269868 268863
271854 272846 270844 261843 255842 249844 241844 236843 235838
248827 244824 244815 247806 250802 256799 260800.

DATA ARE CURRENT.

MIAMI SFSR SELECTED GULF STREAM DATA FOR NOAA WEATHER BATHY...

873/58/M/25. 867/45/M/25. 881/47/M/25. 880/50/M/25. 870/60/M/25.
856/40/M/25. 855/58/M/25. 428/58/M/25. 133/72/M/25. 321/54/M/25.
815/38/M/25. 105/49/M/25. 805/55/M/25. 805/44/M/25. 009/33/M/25.
805/49/M/25. 009/40/M/25. 805/65/M/25. 807/67/M/25. 045/45/M/25.

SMALL MEANDERS ARE OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT A AND C.

A LARGE MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN T AND U... WITH AN INTRUDE FRONT NEAR THE 100 FM LINE.
DATA ARE CURRENT.

DATA

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **24 FEB** 1982

215864 220865 229872 242878 249878
 258874 265869 269867 267864 269858
 274853 270847 264840 255843 250844
 245844 237840 236837 239828 242826
 243822 245803 247805 250800 260800//

270799 276798 290800 305803 309800
 321790 324782 325776 330767 337765
 340757 350751 353747 352733 361729
 367729 370723 369708 373705
 380703 381677 377665
 388648// ~~SLE~~

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.

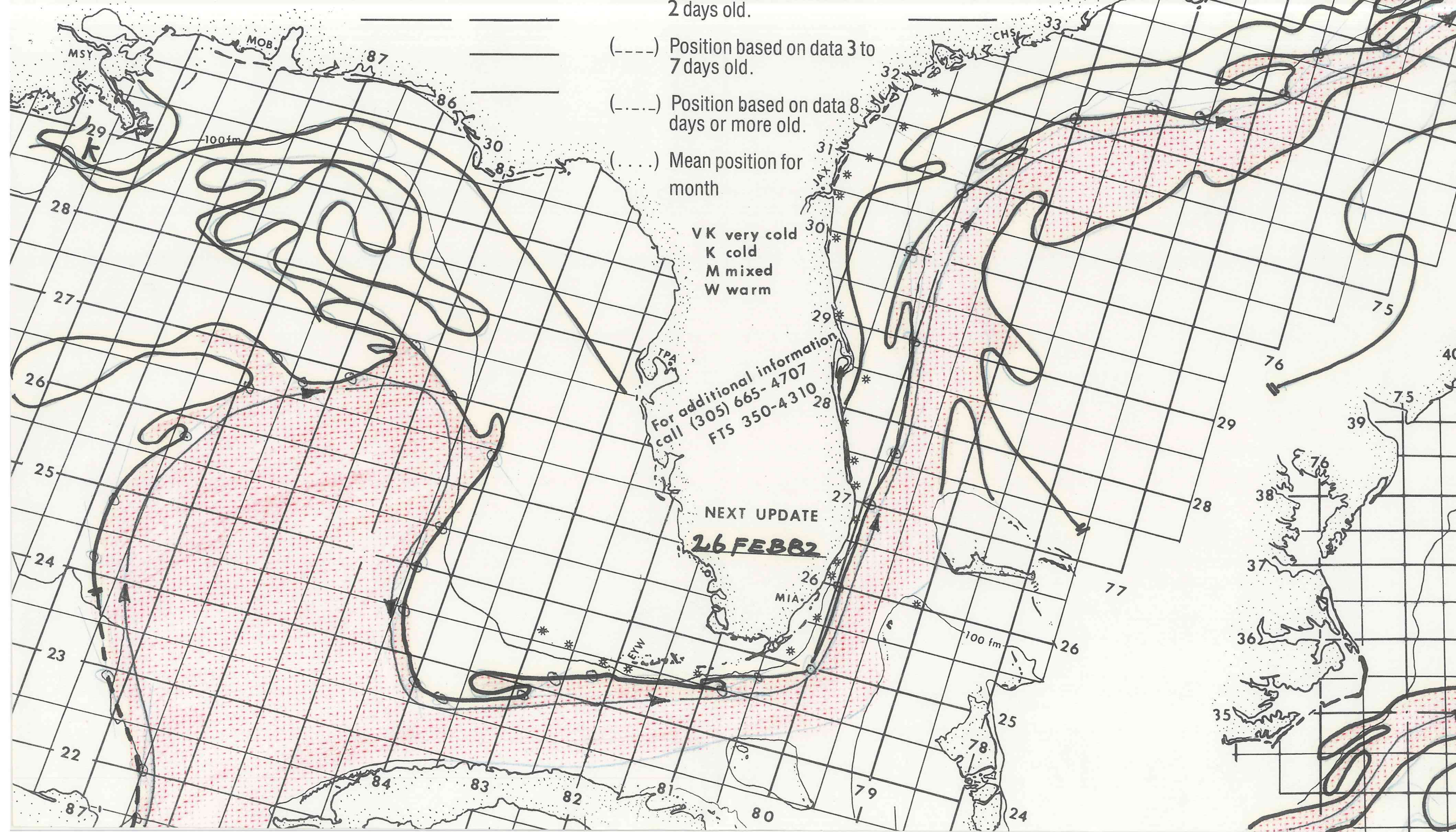
- (——) Position based on data 0 to 2 days old.
- (- - -) Position based on data 3 to 7 days old.
- (- · - ·) Position based on data 8 days or more old.
- (· · · ·) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

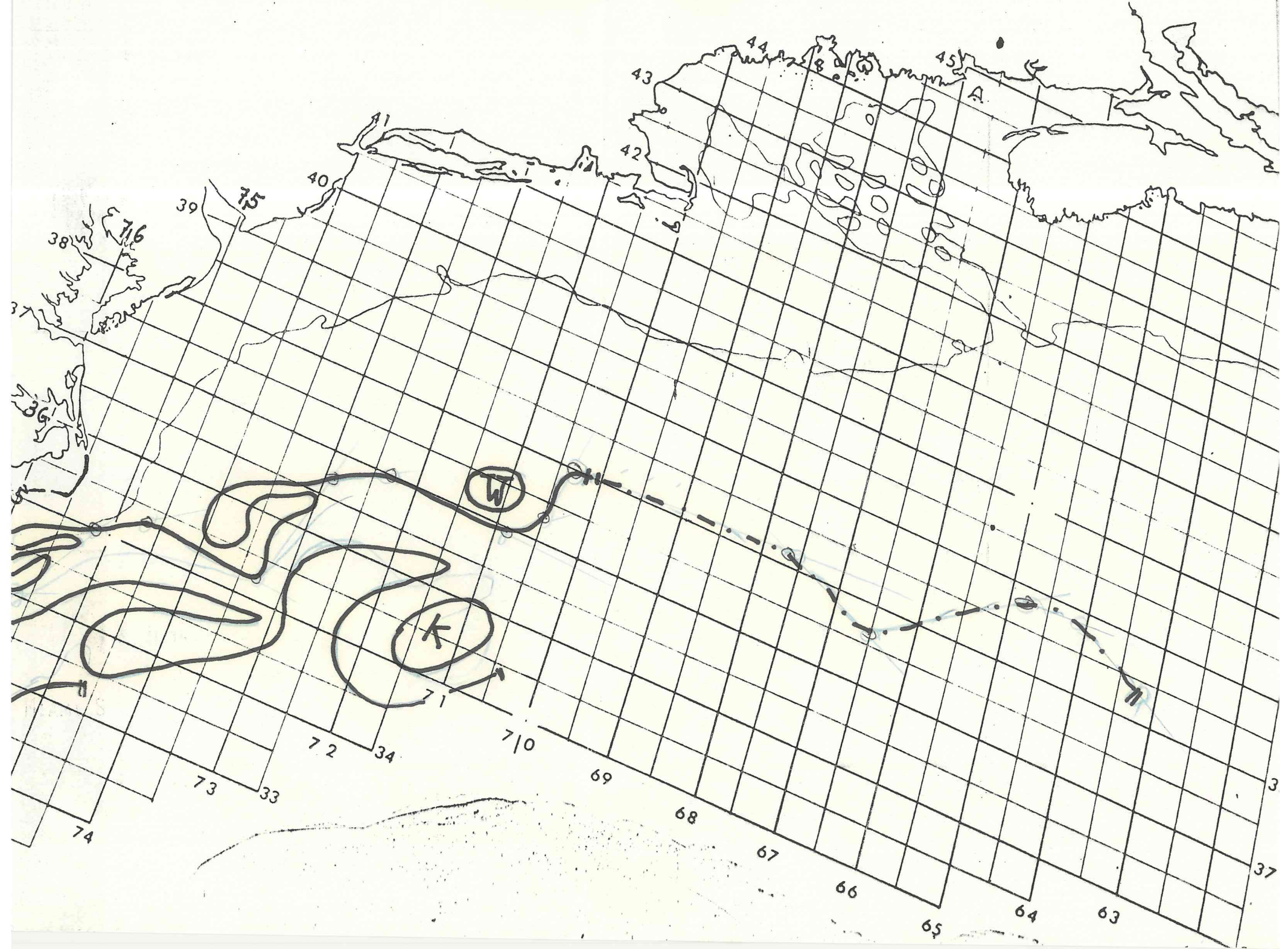
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

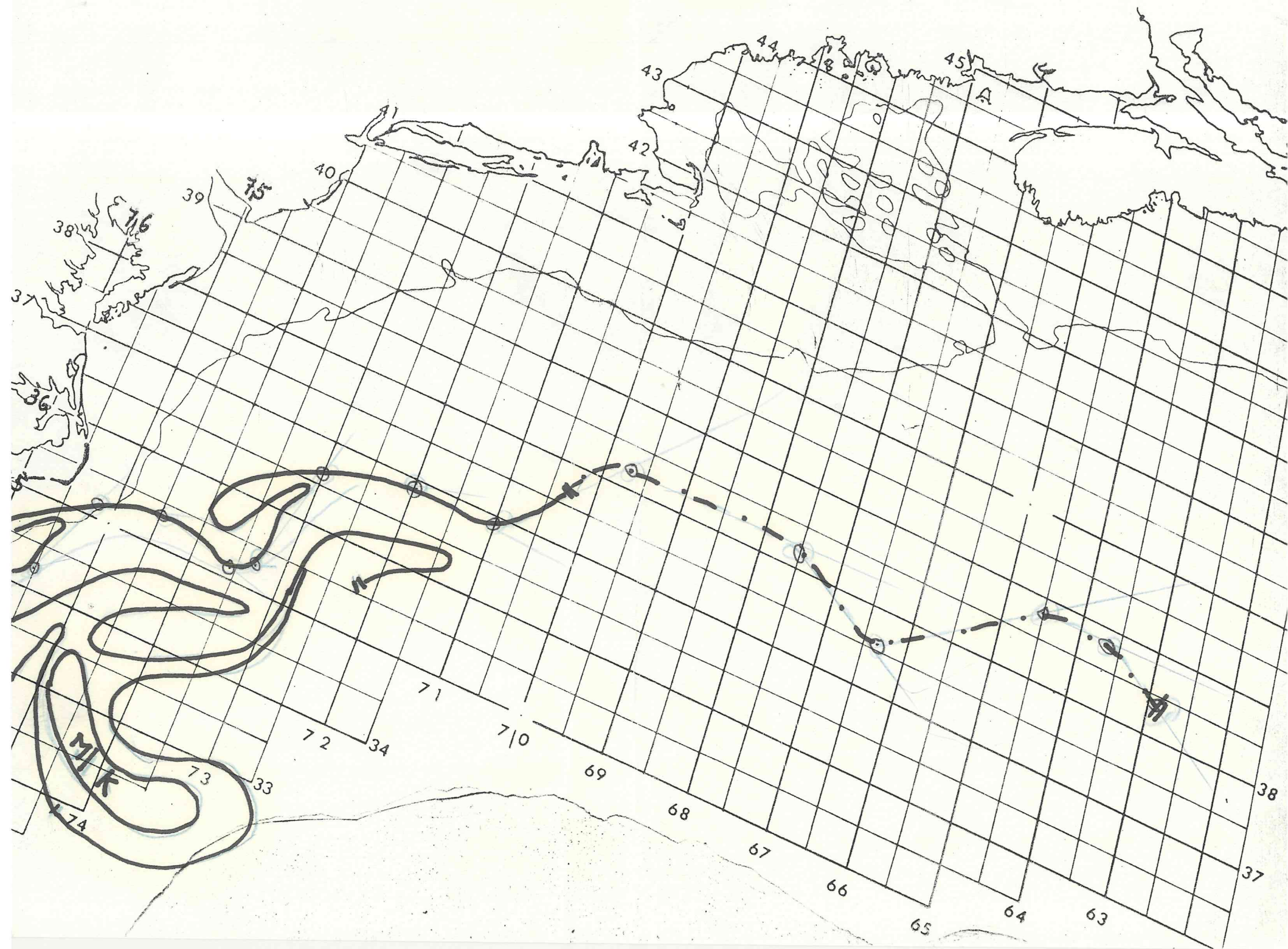
26 FEB 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 24 FEB 1982. PART B



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 26 FEB 1982. PART B



NNNN↓↓A

ZCZC WBC794

SXNT1 KWBC 261810

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

27.0/79.9	27.6/79.8	29.0/80.0	30.5/80.0
30.9/79.8	32.1/79.0	32.3/78.2	32.5/77.6
33.0/76.7	33.6/76.5	34.0/75.5	35.0/74.9
35.3/74.7	35.2/73.3	36.6/72.8	36.8/71.8
36.8/70.8	37.3/70.5	38.0/70.0	38.1/67.7
38.4/66.7	38.9/66.4	39.0/65.0	

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

COLD EDDIES 35.3/71.2/50 NMI. DIAM 32.6/75.0/55 NMI DIAM 30.0/78.4/45
NMI. DIAM 29.6/75.3/65 NMI DIAM
WARM EDDIES 39.2/71.4/60 NMI DIAM 39.3/69.6/70 NMI DIAM 40.4/65.4/70
NMI. DIAM 25.3/91.7/80 NMI. DIAM

LASTES SATELLITE DAY 2/26/82 WPPZ

1982 FEB 26 AM 10: 21

7070 NTAGLMMIA

TRXX40 KMTA 261500

NTAGLMMIA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
26 FEB 1982.

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

215863 221864 228869 235872 245878 252877 259872 265868 269866
269863 272854 275848 272845 265844 256842 253844 245844 239842
237833 240825 244818 245810 248806 249802 252800 260799.

DATA ARE CURRENT.

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

869/31/M/25. 863/75/M/25. C75/30/M/25. 875/36/M/25. E67/45/M/25.
F63/51/M/25. G52/56/M/25. H30/28/M/25. I36/31/M/25. J25/33/M/25.
K17/34/M/25. L08/44/M/25. M10/52/M/25. N10/35/M/25. O09/32/M/25.
P08/49/M/26. Q11/36/M/26. R09/59/M/26. S14/60/M/26. U51/41/M/26.

SMALL MEANDERS ARE OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT F AND U.

AN INSIDE FRONT IS OBSERVED BETWEEN THE COAST AND THE SHOREWARD
EDGE OF THE GULFSTREAM AT THE FOLLOWING DISTANCES...20 NM SE OF A..
11 NM SE OF B..45 NM E OF C..24 NM E OF D..15 NM E OF E..10 NM E OF
F..AND 20 NM E OF G..AND NEAR H. AT C THERE IS A MEANDER IN THIS
SECONDARY FRONT.

DATA ARE CURRENT.

RATG

V

ZCZC

SXNT 1 KWBC 261810

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

27.0/79.9	27.6/79.8	29.0/80.0	30.5/80.0
30.9/79.8	32.1/79.0	32.3/78.2	32.5/77.6
33.0/76.7	33.6/76.5	34.0/75.5	35.0/74.9
35.3/74.7	35.2/73.3	36.6/72.8	36.8/71.8
36.8/70.8	37.3/70.5	38.0/70.0	38.1/67.7
38.4/66.7	38.9/66.4	39.0/65.0	

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

COLD EDDIES 35.3/71.2/50 NMI. DIAM 32.6/75.0/55 NMI DIAM 30.0/78.4/45

NMI. DIAM 29.6/75.3/65 NMI DIAM

WARM EDDIES 39.2/71.4/60 NMI DIAM 39.3/69.6/70 NMI DIAM 40.4/65.4/70

NMI. DIAM 25.3/91.7/80 NMI. DIAM

LATEST SATELLITE DAY 2/26/82 1200Z

0447M M C19V2460

1982 FEB 26 AM 11:07

NNNN↓A
ZCZC WBC755
TBXX40 KMIA 261500
↑MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
26 FEB 1982.

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

215863 221864 228869 235872 245878 252877 259872 265868 269866
268863 272854 275848 272845 265844 256842 253844 245844 239842
237833 240825 244818 245810 248806 249802 252800 260799.
DATA ARE CURRENT.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A69/31/M/25. B63/75/M/25. C75/30/M/25. D75/36/M/25. E67/45/M/25.
F63/51/M/25. G52/56/M/25. H30/28/M/25. I36/31/M/25. J25/33/M/25.
K17/34/M/25. L08/44/M/25. M10/52/M/25. N10/35/M/25. O09/32/M/25.
P08/49/M/26. Q11/36/M/26. R09/59/M/26. S14/60/M/26. U51/41/M/26.
SMALL MEANDERS ARE OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT F AND U.

AN INSIDE FRONT IS OBSERVED BETWEEN THE CHEND THE SHOREWARD
EDGE OF THE GULFSTREAM AT THE FOLLOWIND DISTANCES...20 NM SE OF A..
11 NM SE OF B..45 NM E OF C..24 NM E OF D..15 NM E OF E..10 NM E OF
F..AND 20 NM E OF G..AND NEAR H. AT C THERE IS A MEANDER IN THIS
SECONDARY FRONT.

DATA ARE CUR
BREAK
IAOFFMIA

1982 FEB 29 AM 10: 20

WWW
7070 MIAO MIA

TRVYAO VMTA 014500
AMTACI MIA

MIAMI GFSR ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
01 MAR 1982.

CORER POINTS GIVE LATITUDE/LONGITUDE ALONG THE SHOREWARD
EDGE OF THE WARMER WATER...

245000 220000 230000 240000 245000 250000 255000 260000 265000
267000 271000 275000 280000 285000 290000 295000 300000 305000
310000 315000 320000 325000 330000 335000 340000

DATA ARE CURRENT ONLY BETWEEN 264000 AND 260000... REMAINDER FROM
26 FEB 82.

MIAMI GFSR SELECTED GULF STREAM DATA FOR NOAA WEATHER BARTO...

066/26/M/25. 072/29/M/25. 074/30/M/25. 079/34/M/25. 076/36/M/25.
066/46/M/25. 054/29/M/25. 429/30/M/25. 135/33/M/25. 121/37/M/25.
015/37/M/25. 105/49/M/25. 086/60/M/25. 086/41/M/25. 008/37/M/25.
013/47/M/26. 013/34/M/26. 011/56/M/26. 514/60/M/26. 053/41/M/26.

A COMPLICATED MEANER FRONT IS OBSERVED ALONG THE SHOREWARD EDGE
OF THE GULF STREAM BETWEEN 5 AND 11... WITH THE CLOSEST INSHORE TURTLE
FRONT ABOUT 10 NM SEWARD OF THE 100 FM LINE.

DATA ARE CURRENT.

DATA