

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 01 JAN 1982

215865 225867 230869 238872 242875
255881 261876 262874 269872 272862
270850 262846 256844 247852 243851
244842 235836 237825 239817 242812
245805 248801 250800 260799 // _____

270799 306800 319794 325785 325775
333759 340758 355747 361733 369726
370706 381694 382682 377672 36
385660 390653 382641 371640
369635 // 81B _____

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.

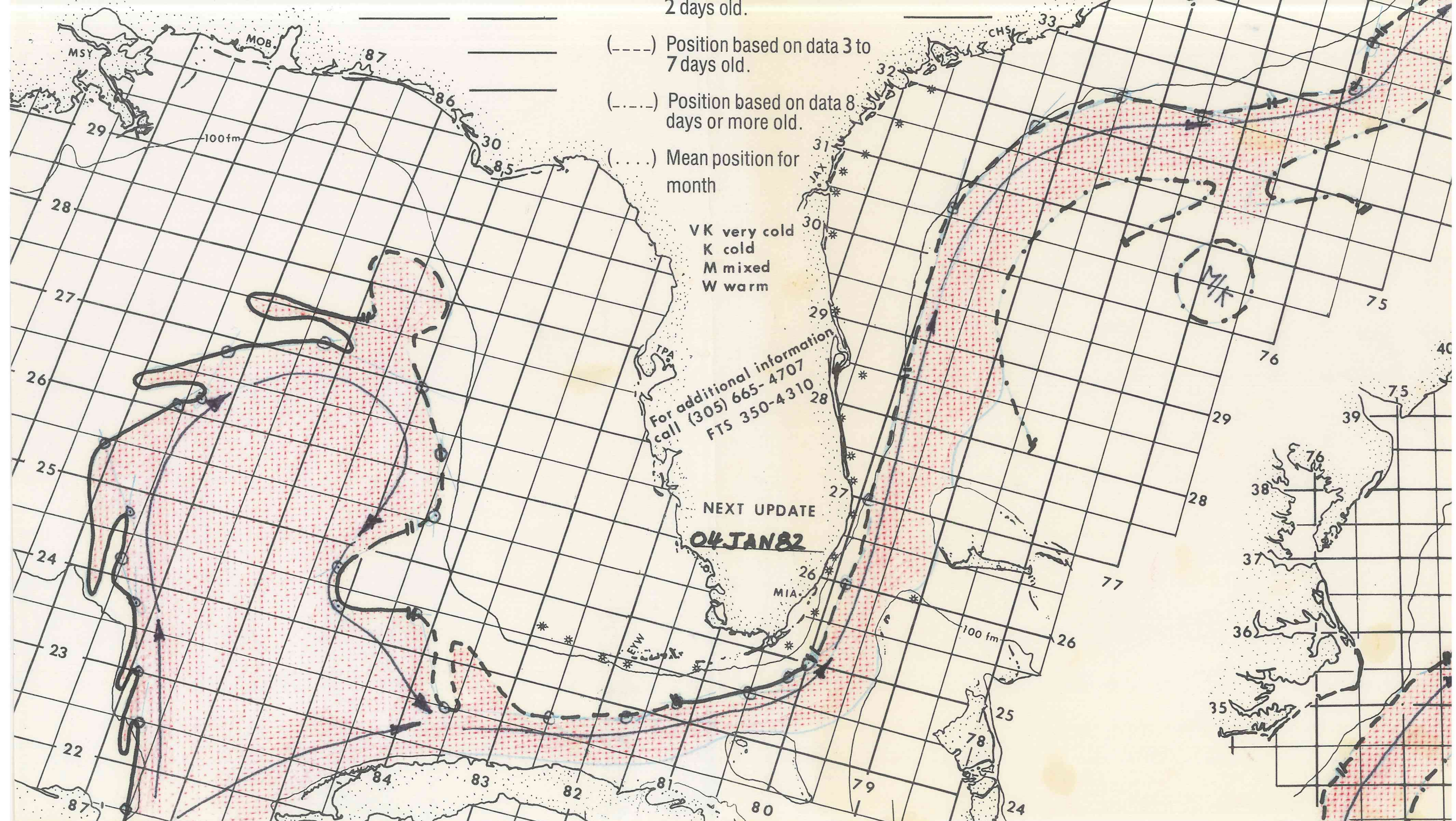
(....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

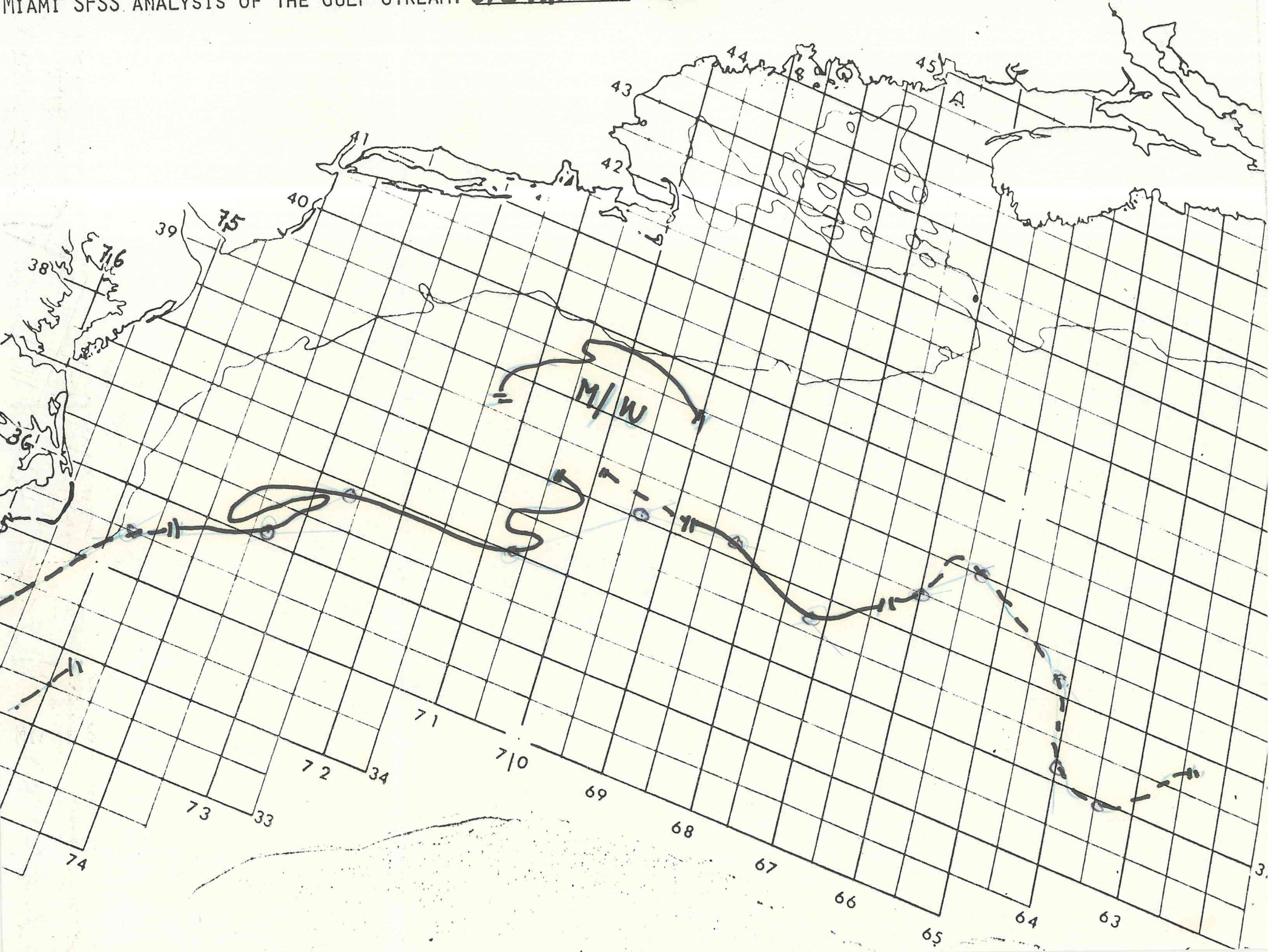
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

04 JAN 82



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



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

Date: 01 JAN 1982

215865 225867 230869 238872 242876
 255881 261876 262874 269872 272862
 270850 262846 256844 247852 243851
 244842 235836 237825 239817 242812
 245805 248801 250800 260799//

Depicted land should not be used for navigation.

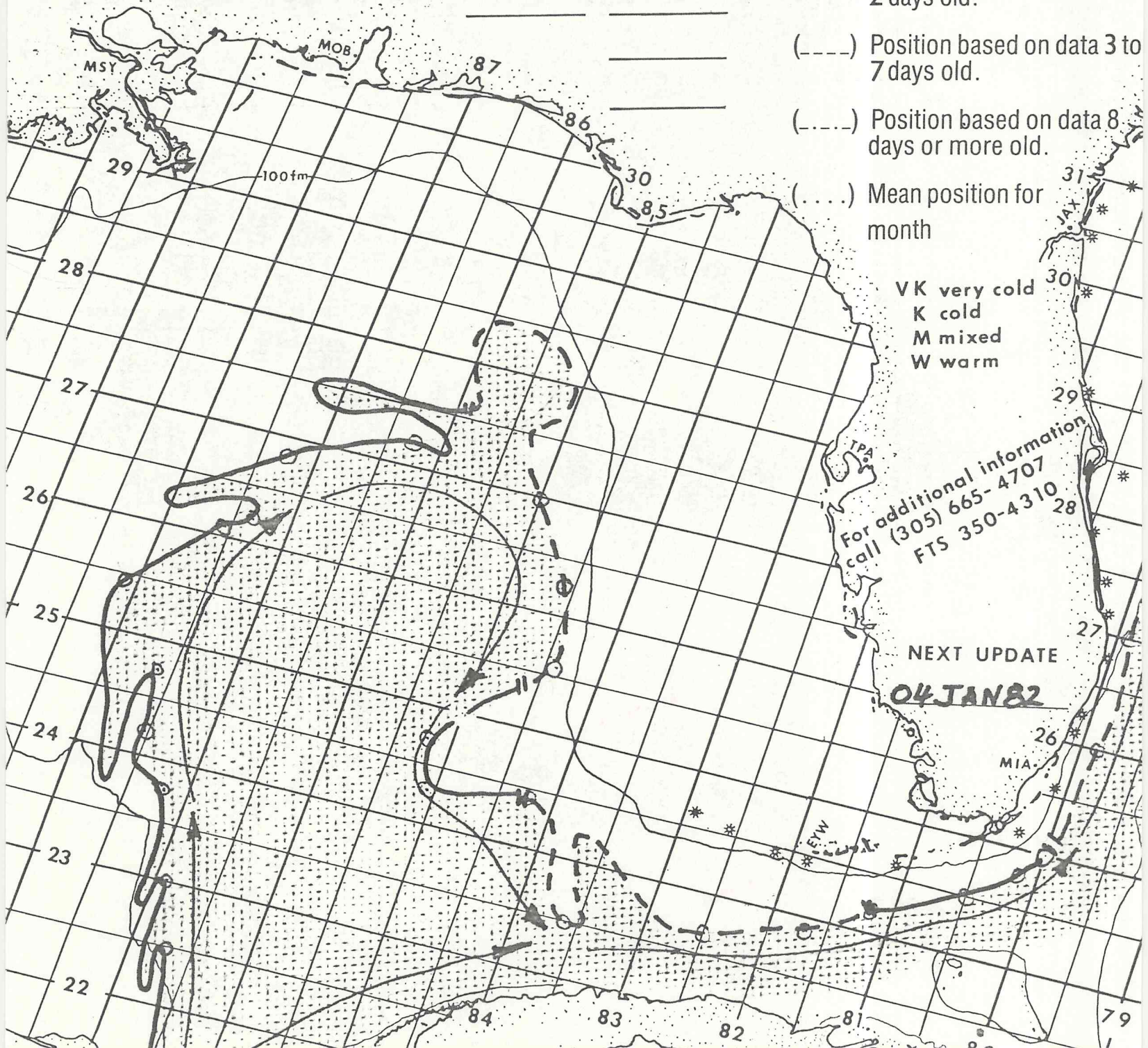
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

(——) 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



Date: 01 JAN 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.

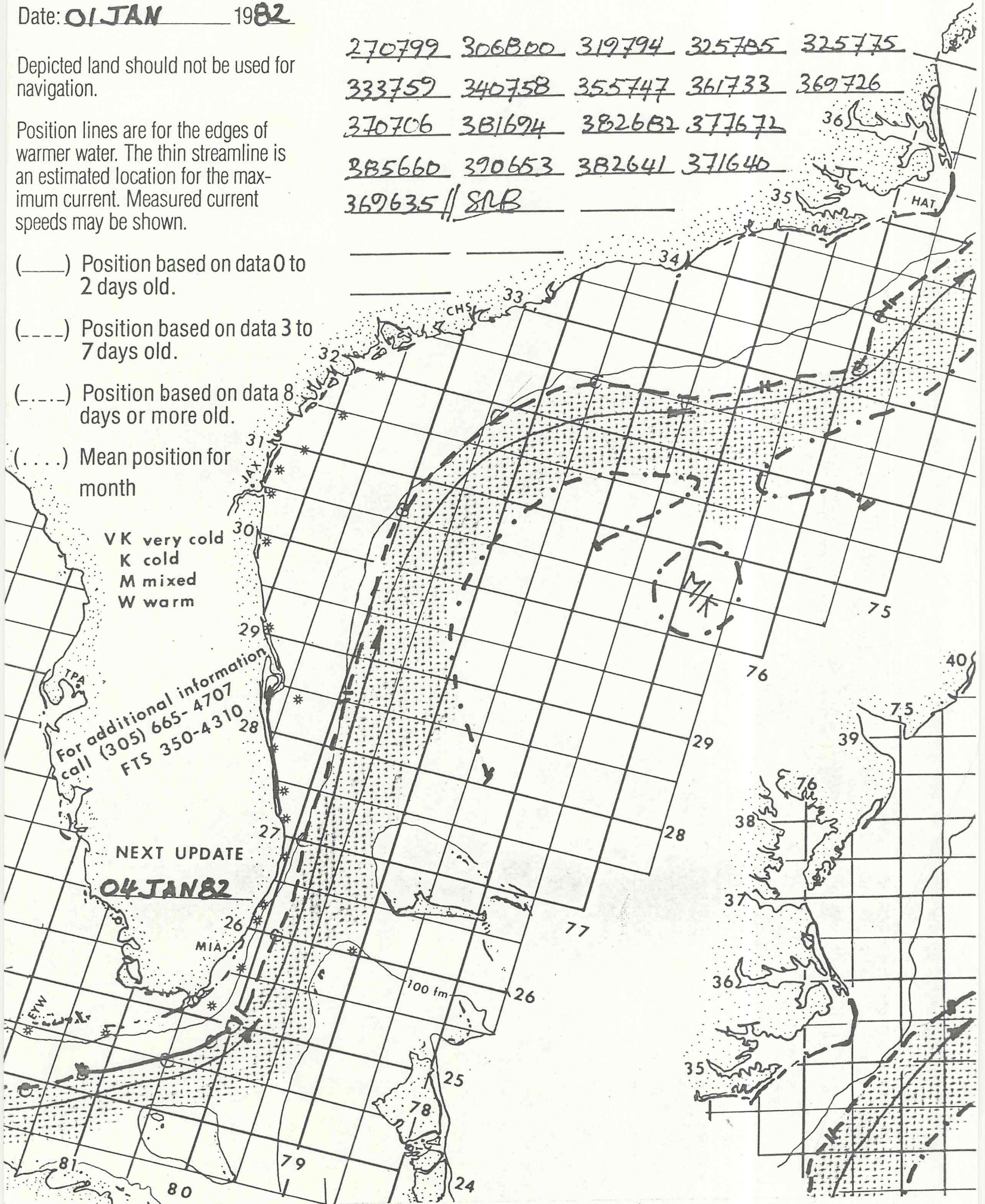
270799 306800 319794 325785 325775
333759 340758 355747 361733 369726
370706 381694 382682 377672 369726
385660 390653 382641 371640
369635 // 81B

- (——) 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
04 JAN 82



1982 JAN -1 PM 1:37

NNNN

ZCZC MIAO MMTA

TRXX40 MMTA 011815

MIAO MMTA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
01 JAN 1982.

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

215865 225867 230869 238872 242876 255881 261876 262874 269872
272862 278858 262846 258844 247852 243851 244842 235836 237825
239817 242812 245805 248801 250800 260799.

DATA ARE CURRENT ONLY BETWEEN 215865 AND 272862, 258844 AND
244842, AND 242812 AND 250800.

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

878/62/M/24. 874/76/M/24. 877/65/M/24. 885/64/M/24. 880/60/M/24.
875/54/M/24. 858/59/M/25. 828/64/M/25. 135/45/M/25. 124/50/M/25.
115/41/M/25. 110/45/M/25. 115/50/M/25. 115/36/M/25. 042/30/M/25.
019/42/M/25. 024/36/M/26. 038/33/M/26. 543/32/M/26. 161/36/M/27.

DATA ARE CURRENT ONLY BETWEEN P AND Q.

UNSEASONABLY MOIST AIR MAKES ANALYSIS VERY DIFFICULT IN FLORIDA
STRAITS.

DATA

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 04 JAN 1982

215866 225867 235871 245876 252878
259879 262876 269874 271865 271850
264845 258845 252847 249850 245851
243849 242840 241825 239820 240816
243812 244809 246804 251800 255800
260799 // _____

270798 280799 300800 302800 314796
320788 321781 323775 340758 350752
360734 366731 373712 375705 36
382695 382686 377675 377670
385659 390653 385645
370637 // SUB

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.

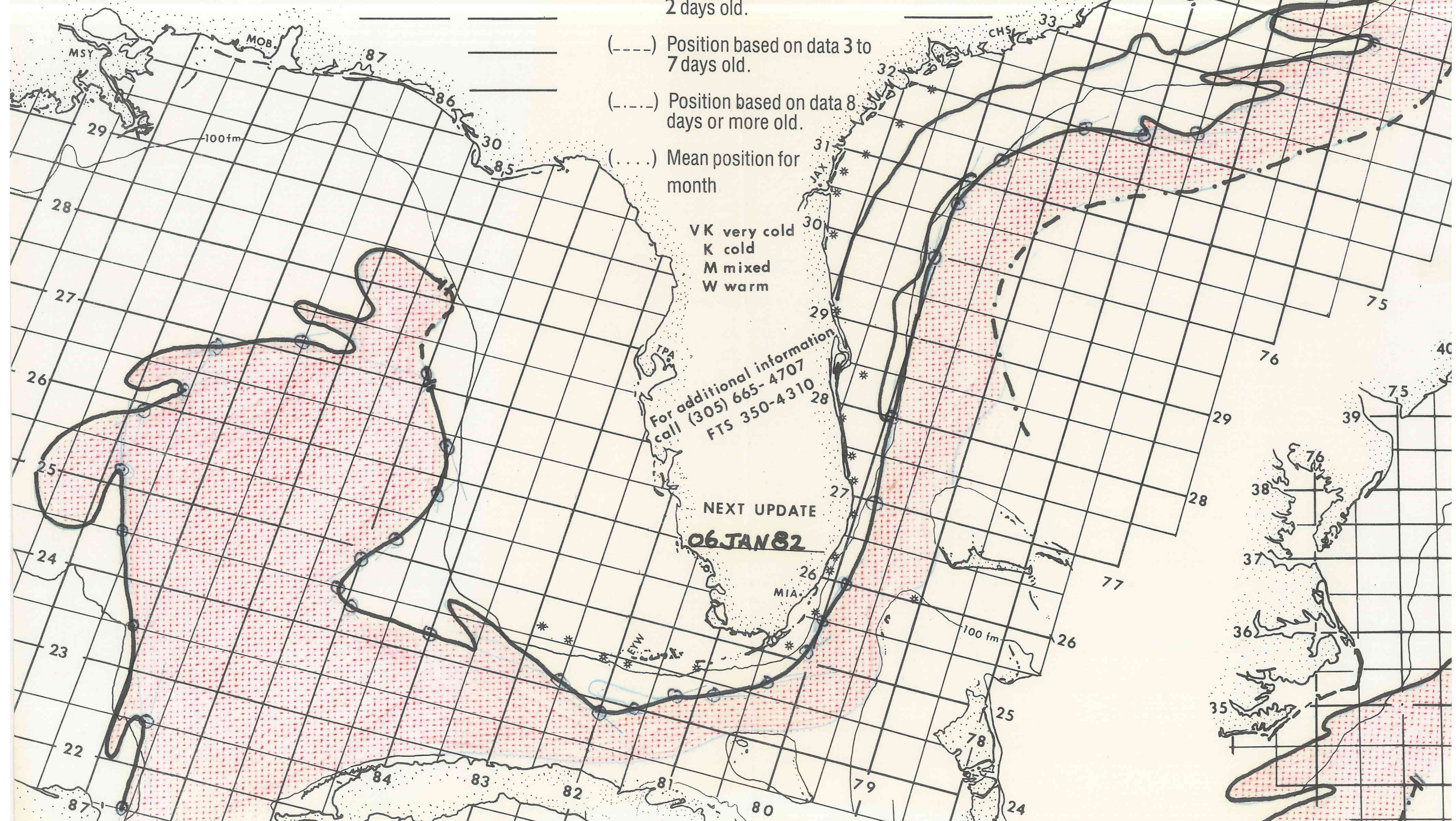
- (____) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (-.-.-) Position based on data 8 days or more old.
- (....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

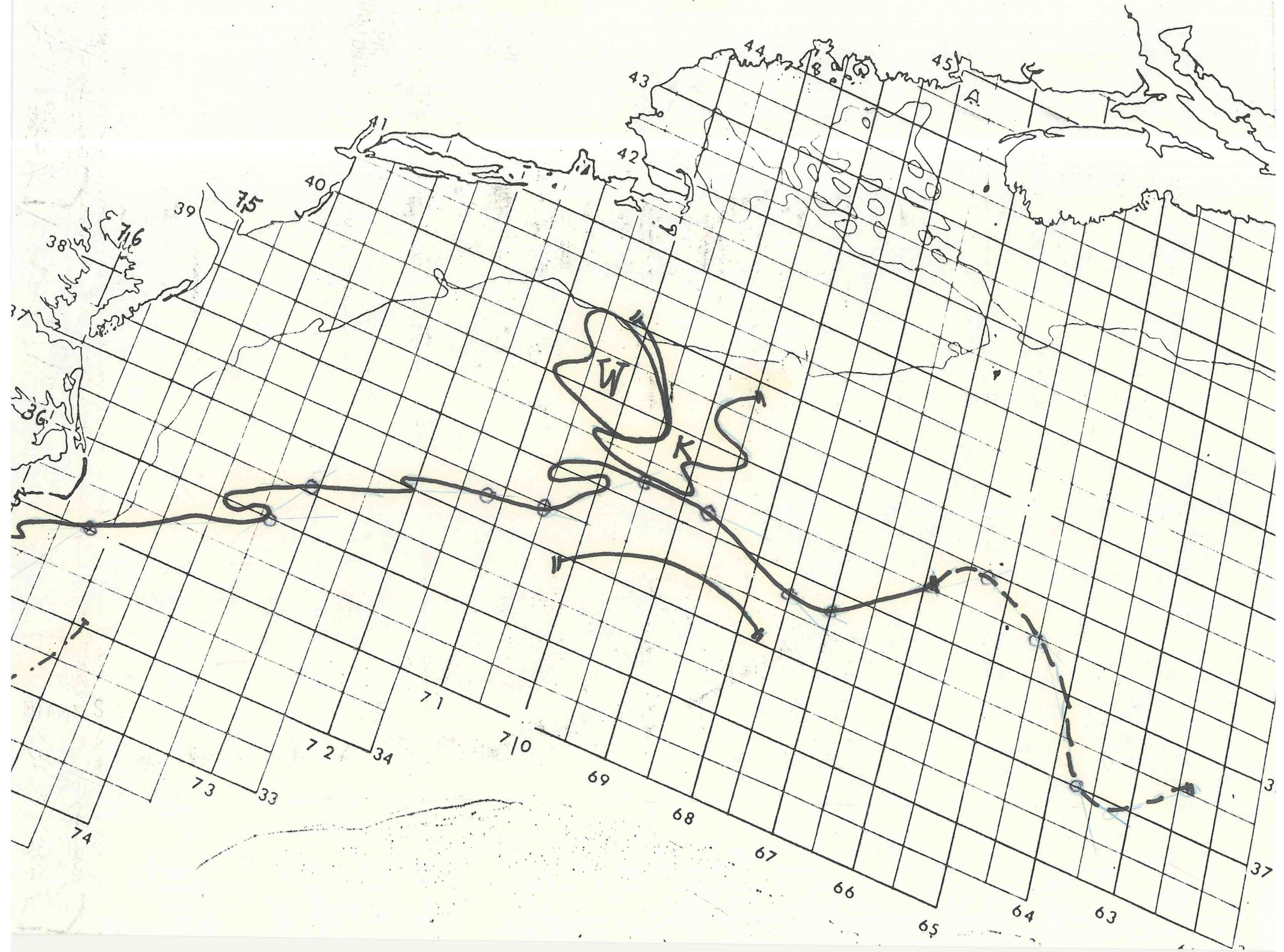
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

06 JAN 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 04 JAN 1982. PART B



V

ZCZC

SXNTI KWBC 042140

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

27.0/79.8 28.0/79.9 30.0/80.0 30.2/80.0

31.4/79.6 32.0/78.8 32.1/78.1 32.3/77.5

34.0/75.8 35.0/75.2 36.0/73.4 36.6/73.1

37.3/71.2 37.5/70.5 38.2/69.5 38.2/68.6

37.7/67.5 37.7/67.0 38.5/65.9 39.0/65.0

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

COLD EDDIES 35.9/69.5/60 NMI. DIAM.

WARM EDDIES 39.3/70.0/65 NMI. DIAM. 40.2/62.4/85 NMI. DIAM.

LATEST SATELLITE DATA 1/4/82 AT 1200Z

1982 JAN -4 PM 5:06

7070 NTAGI NMTA

TRXX40 KMTA 041900

ANTAGI NMTA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

04 JAN 1992

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

215066 225067 235071 245076 252078 259079 262076 269074 271065

271050 264045 258045 252047 249050 245051 242049 242040 241025

239020 240016 242012 244009 246004 251000 255000 260799.

DATA ARE CURRENT.

MIAMI SESS SELECTED GULF STREAM DATA FOR NOAA WEATHER BARRIS.

A72/59/M/24. B78/69/M/24. C80/68/M/24. D83/61/M/24. E83/57/M/24.

F72/50/M/24. G56/60/M/25. H25/65/M/25. I33/49/M/25. J21/50/M/25.

K17/37/M/25. L13/42/M/25. M16/48/M/25. N15/35/M/25. O07/34/M/25.

P12/47/M/25. Q21/28/M/26. R35/36/M/26. S35/41/M/26. U22/70/M/27.

DATA ARE CURRENT.

UNSEASONABLY MOIST AIR MAKES ANALYSIS VERY DIFFICULT IN FLORIDA
STRATTS.

DATA

Date: 06 JAN 1982

215867 222866 230870 237874 250878
 256885 265885 267878 268873 274867
 279861 279858 273848 261843 254846
 249850 240851 239846 242837 244832
 240824 240813 245804 250800 255799
 260798// _____

270798 305798 312795 331770 333765
 346749 359744 361737 360734 383690
 382684 378677 379670 390652 36
 385644 380640 369635 369632
 375622// STUB _____

Depicted land should not be used for navigation.

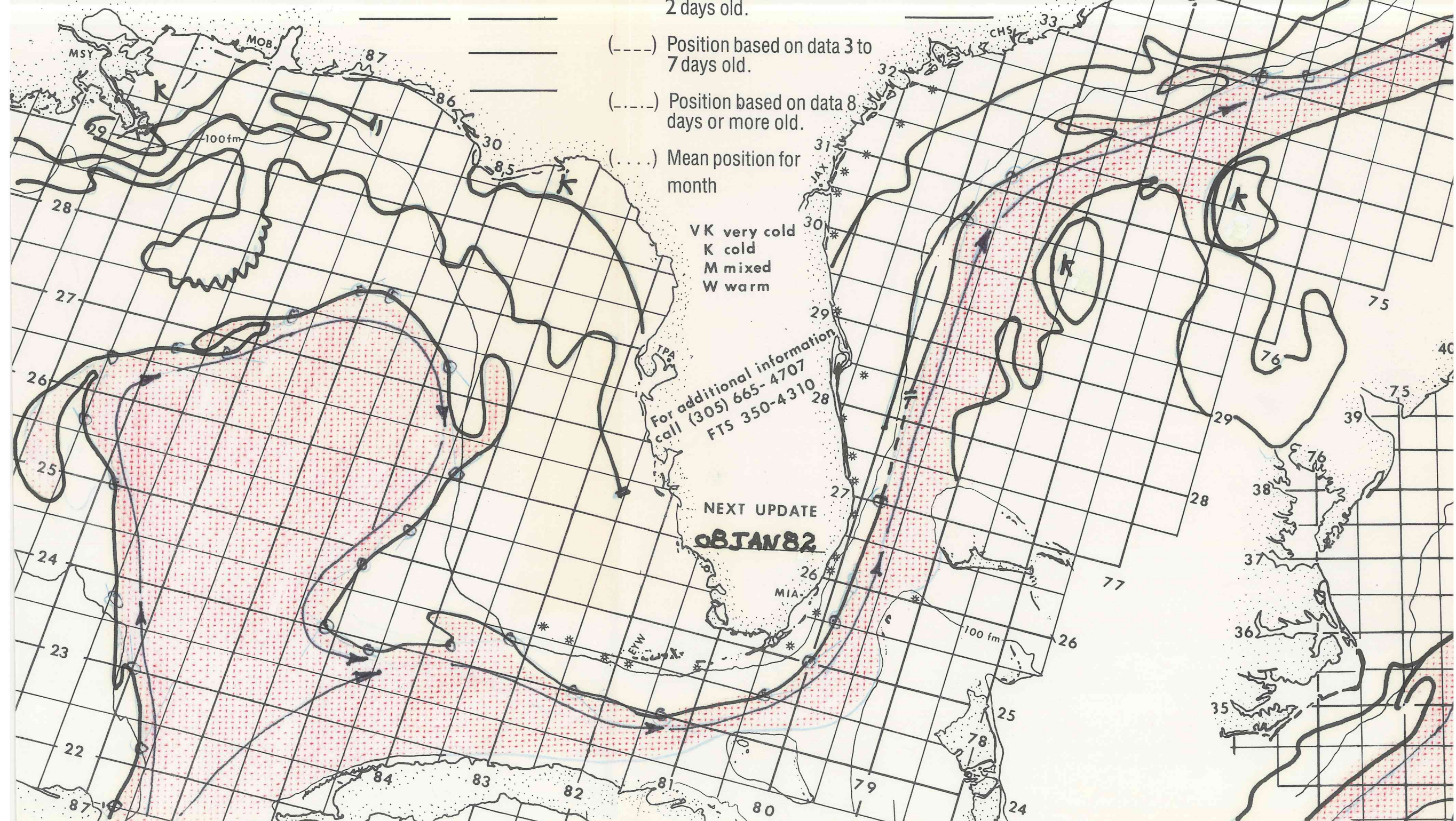
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (____) 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

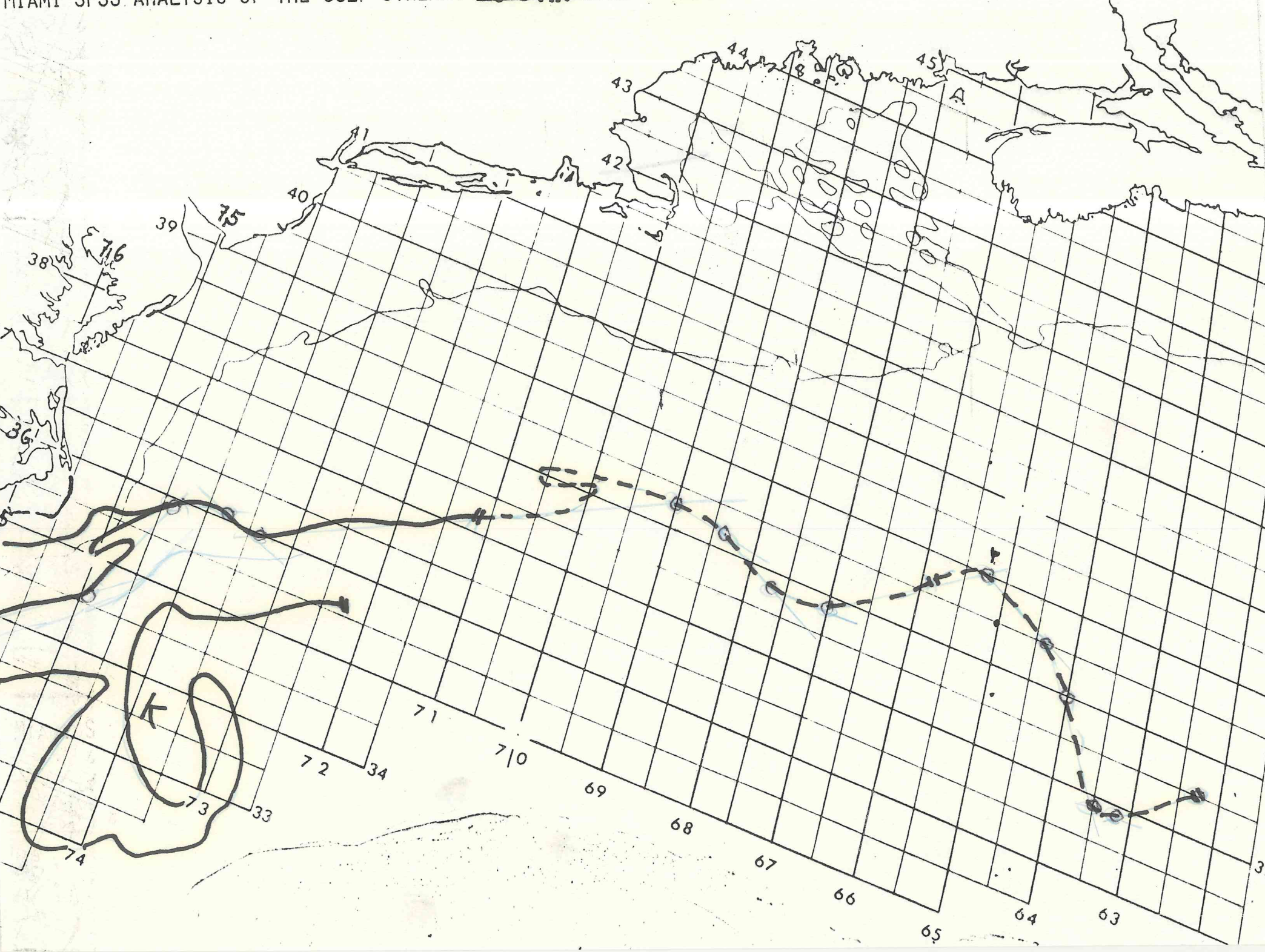
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
06 JAN 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 06 JAN 1982. PART B



1982 JAN -6 PM 12:16

NNNN
7070 NTAGI NNTA

TRXX40 KNTA 061700
*NTAGI NNTA
MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
06 JAN 1982.

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

245067 222066 230070 237074 250078 256085 265085 267078 268073
274067 279061 279058 273048 261043 254046 249050 240051 239046
242037 244032 240024 245004 250000 255799 260790.
DATA ARE CURRENT.

MIAMI SESS SPECIFIED GULF ESTREAM DATA FOR NOAA WEATHER BARRA...
004/70/N/74. 090/68/N/74. 092/57/N/74. 096/59/N/74. 092/60/N/74.
097/59/N/74. 069/45/N/75. 034/42/N/75. 140/35/N/75. 127/44/N/75.
022/33/N/75. 115/41/N/75. 016/48/N/75. 016/34/N/75. 014/28/N/75.
016/45/N/75. 029/22/N/76. 027/33/N/76. 027/46/N/76. 026/69/N/77.
DATA ARE CURRENT EXCEPT I AND J ARE FROM 04 JAN 82.
UNSEASONABLY HOT AIR MAKES ANALYSIS VERY DIFFICULT IN FLORIDA
STRAITS.
DATA

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **08 JAN 1982**

215866 220867 230870 240876 252880
 258886 267886 269868 275865 278860
 278854 274849 268847 263845 258843
 250847 242851 240851 239847 241840
 244830 240820 240814 246804 252800
 260799//

270798 277797 286799 298800 310797
 315793 316788 331771 332766 349748
 361740 361730 365726 369718 36
 377704 380695 385688 385683
 380670 381661 389649//81R

Depicted land should not be used for navigation.

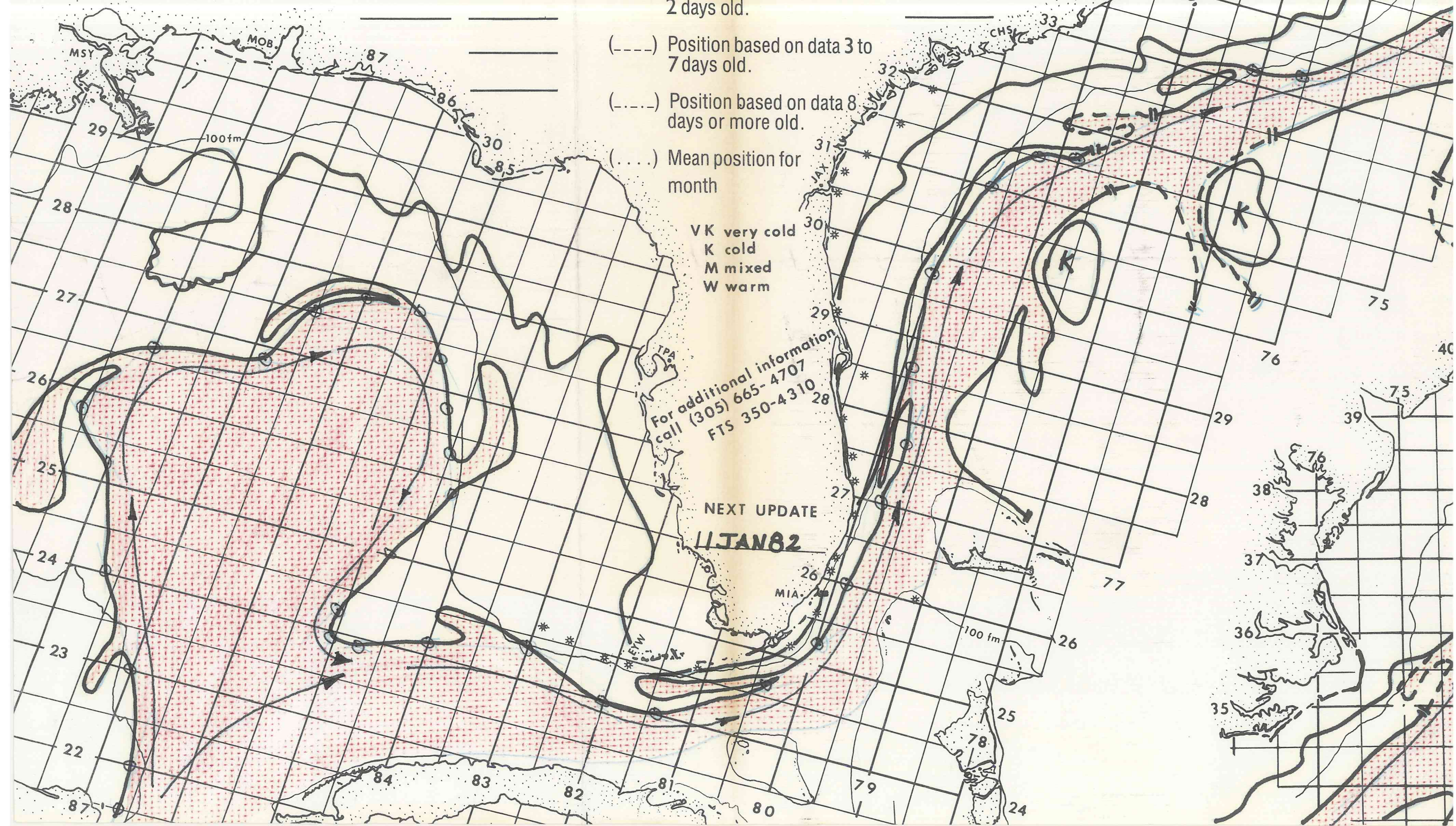
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- (----) Position based on data 3 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (....) Mean position for month

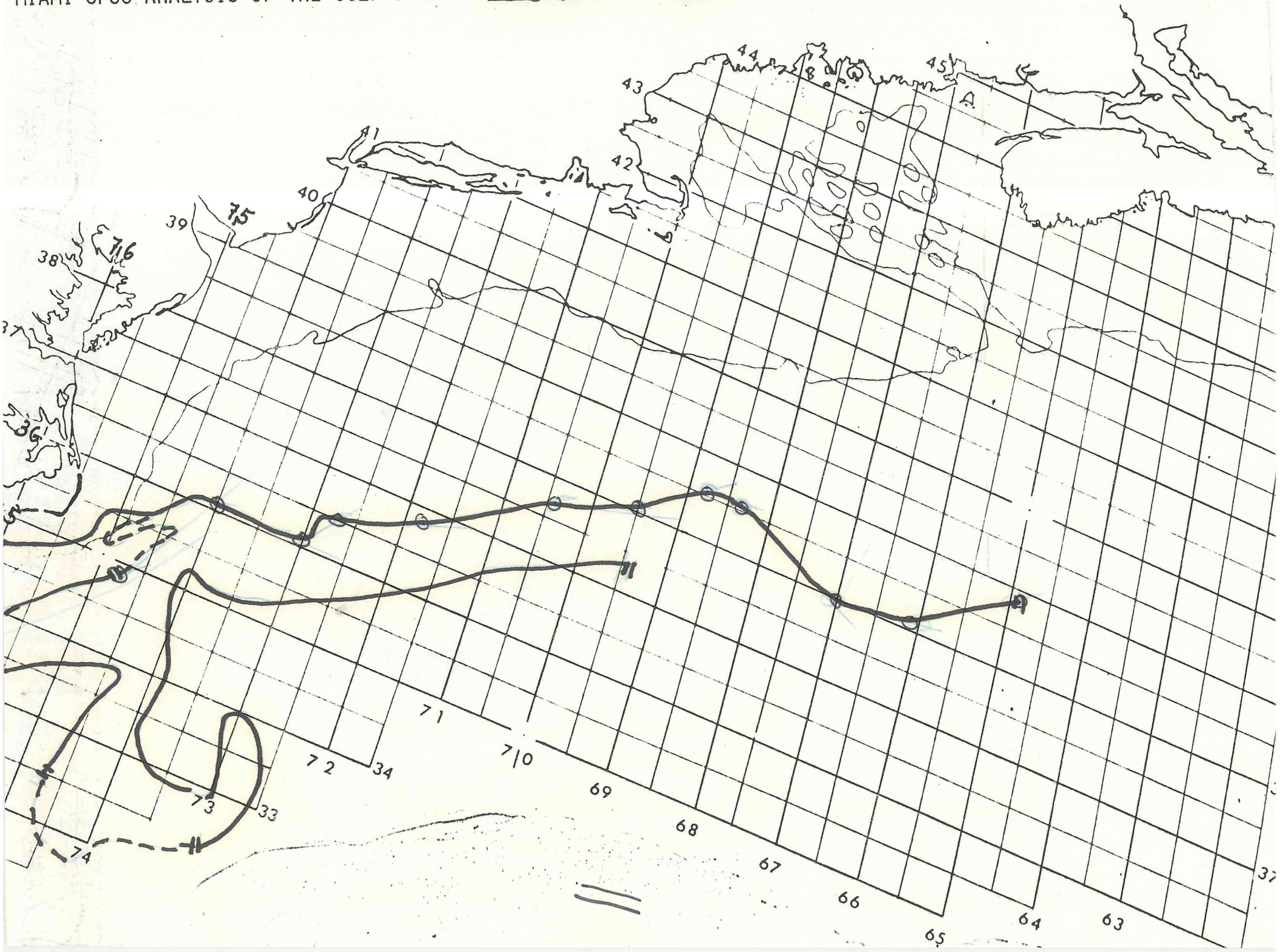
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
11 JAN 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 08 JAN 1982. PART B



NNNN↓JA
ZCZC WBC228
TBXX 40 KMIA 081615
↑MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
08 JAN 1982.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215866 220867 230870 240876 252880 258886 262880 269868 275865
278860 278854 274849 268847 263845 258843 250847 242851 240851
239847 241840 244830 240820 240814 246804 252800 260799.
DATA ARE CURRENT.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A82/68/M/24. B47/81/M/24. C9 0/64/M/24. D90/60/M/24. E91/58/M/24.
F77/69/M/24. G59/60/M/25. H30/40/M/25. I46/27/M/25. J34/36/M/25.
K22/33/M/25. L18/38/M/25. M17/49/M/25. N16/34/M/25. O12/30/M/25.
P12/49/M/25. Q25/26/M/26. R30/41/M/26. S29/47/M/26. U18/78/M/27.
A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN I AND K. AN INSIDE FRONT IS OBSERVED BETWEEN A AND
H ABOUT 10 NM INSHORE OF THE MAIN SHOREWARD EDGE OF THE GULFSTREAM.
A LONG MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN P AND R...WITH AN INSIDE FRONT ABOUT 10 NM INSHORE
OF THE MAIN FRONT.
A SECONDARY INSHORONT IS OBSERVED RUNNING NEARLY ALONG THE
100 FM LINE BETWEEN O AND Q.
DATA ARE CURRENT.

BAIG

1982 JAN -8 PM 12:03

NNNN

ZCZC MIAGLMNTA

TRXXAA KMTA RR1615

MIAGLMNTA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
08 JAN 1982.

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

215866 228867 238870 248876 252880 258886 262890 269868 275865
278868 278854 274849 268847 263845 258843 250847 242851 240851
239847 241840 244838 248828 248814 246804 252800 268799.
DATA ARE CURRENT.

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

RR7/68/M/24, RR7/81/M/24, C90/64/M/24, B90/60/M/24, E91/58/M/24,
F77/69/M/24, G59/60/M/25, H30/40/M/25, I46/27/M/25, J34/36/M/25,
K22/33/M/25, L18/38/M/25, M17/49/M/25, N16/34/M/25, O12/30/M/25,
P12/49/M/25, Q25/26/M/26, R30/41/M/26, S29/47/M/26, U18/78/M/27.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN I AND K. AN INSIDE FRONT IS OBSERVED BETWEEN A AND
H ABOUT 10 NM INSHORE OF THE MAIN SHOREWARD EDGE OF THE GULFSTREAM.
A LONG MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN P AND R...WITH AN INSIDE FRONT ABOUT 10 NM INSHORE
OF THE MAIN FRONT.

A SECONDARY INSHORE FRONT IS OBSERVED RUNNING NEARLY ALONG THE
100 FM LINE BETWEEN O AND Q.

DATA ARE CURRENT.

RATG

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 11 JAN 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

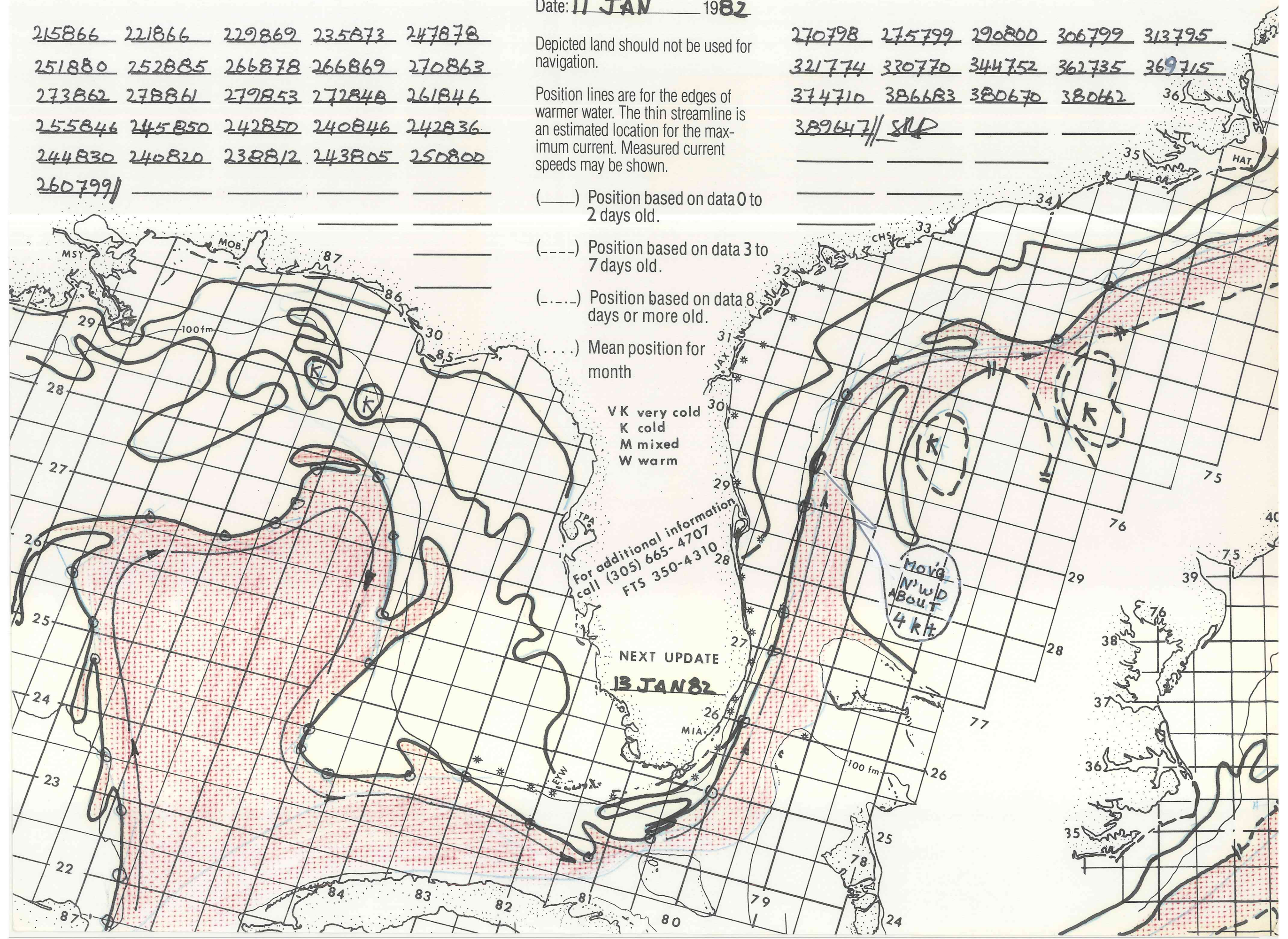
For additional information
call (305) 665-4707
FTS 350-4310

NEXT UPDATE

13 JAN 82

215866 221866 229869 235873 247878
251880 252885 266878 266869 270863
273862 278861 279853 272848 261846
255846 245850 242850 240846 242836
244830 240820 238812 243805 250800
260799 | | | | |

270798 275799 290800 306799 313795
321774 330770 344752 362735 369715
374710 386683 380670 380662 36
389647 // SUP | | | | |



NNNNPM↓MSM↓MZMVWM↓MDMVUM↓MXMVCM↓MEM↓MLMVNMVPMV M↓MZMVWM↓MDMADM

ZCZC

SXNT1 KWBC 112200

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

27.0/79.8 27.5/79.9 29.0/80.0 30.6/79.8

31.7/78.9 32.1/77.4 33.0/77.0 34.4/75.2

36.3/73.5 36.9/71.5 37.4/71.0 37.9/70.0

38.3/68.6 38.0/67.0 38.9/65.0

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

COLD EDDIES 36.0/69.5/60 NMI. DIAM 33.4/73.5/80 NMI. DIAM
31.2/76.6/55 NMI. DIAM 29.5/76.0/50 NMI. DIAM
29.7/78.4/55 NMI. DIAM

WARM EDDIES 39.4/70.0/65 NMI. DIAM 26.3/90.7/110 NMI. DIAM

LATEST SATELLITE DATA 1/11/82 AT 1200Z.

NNNN
7070 MIAMI MIA

1982 JAN 11 AM 11:37

TRXXAA KMTA 111630
MIAMI MIA
MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
11 JAN 1982

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

215866 221866 229869 235872 247878 251880 252885 266878 266869
270863 272862 278861 279853 272848 261846 255846 245850 242850
240846 242836 244830 248820 238812 243805 250800 260799.
DATA ARE CURRENT.

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

882/25/M/74. 883/30/M/74. 089/25/M/74. 092/25/M/74. 887/26/M/74.
876/21/M/74. 857/25/A/74. 477/43/M/74. 137/47/M/75. 126/46/M/75.
K21/25/M/75. 144/45/M/75. 111/53/M/75. 112/38/M/75. 010/34/M/75.
016/44/M/75. 040/10/M/75. 020/42/M/75. 523/52/M/76. 117/77/M/76.

A 50 NM WIDE TONGUE OF COOL WATER IS OBSERVED ALONG THE OFFSHORE
EDGE OF THE GULF STREAM BETWEEN A AND B.

A SMALL PATCH OF COOL WATER IS OBSERVED ALONG THE SHOREWARD EDGE
OF THE GULF STREAM BETWEEN F AND G...MOVING NORTHWARD ABOUT 4 KNOTS.

A LARGE...COMPLEX...MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE
OF THE GULF STREAM BETWEEN P AND R...MOVING THE EDGE OF THE STREAM

VERY FAR OFFSHORE. A SECONDARY...INSIDE...FRONT IS OBSERVED
RUNNING CLOSE TO THE 100 FM LINE BETWEEN N AND O

DATA ARE CURRENT.

DATA

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 13 JAN 1982

215865 223866 230870 240875 250880
 259885 268877 266871 268865 273861
 277852 270847 260846 253848 244851
 240848 239846 243835 241825 239815
 239810 245802 248800 254799 260798//

270798 291799 301800 311797 318788
 319781 321776 326771 330768 340760
 343753 364731 366720 386685 36
 386680 379666 380660 391642//
 SLR 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.

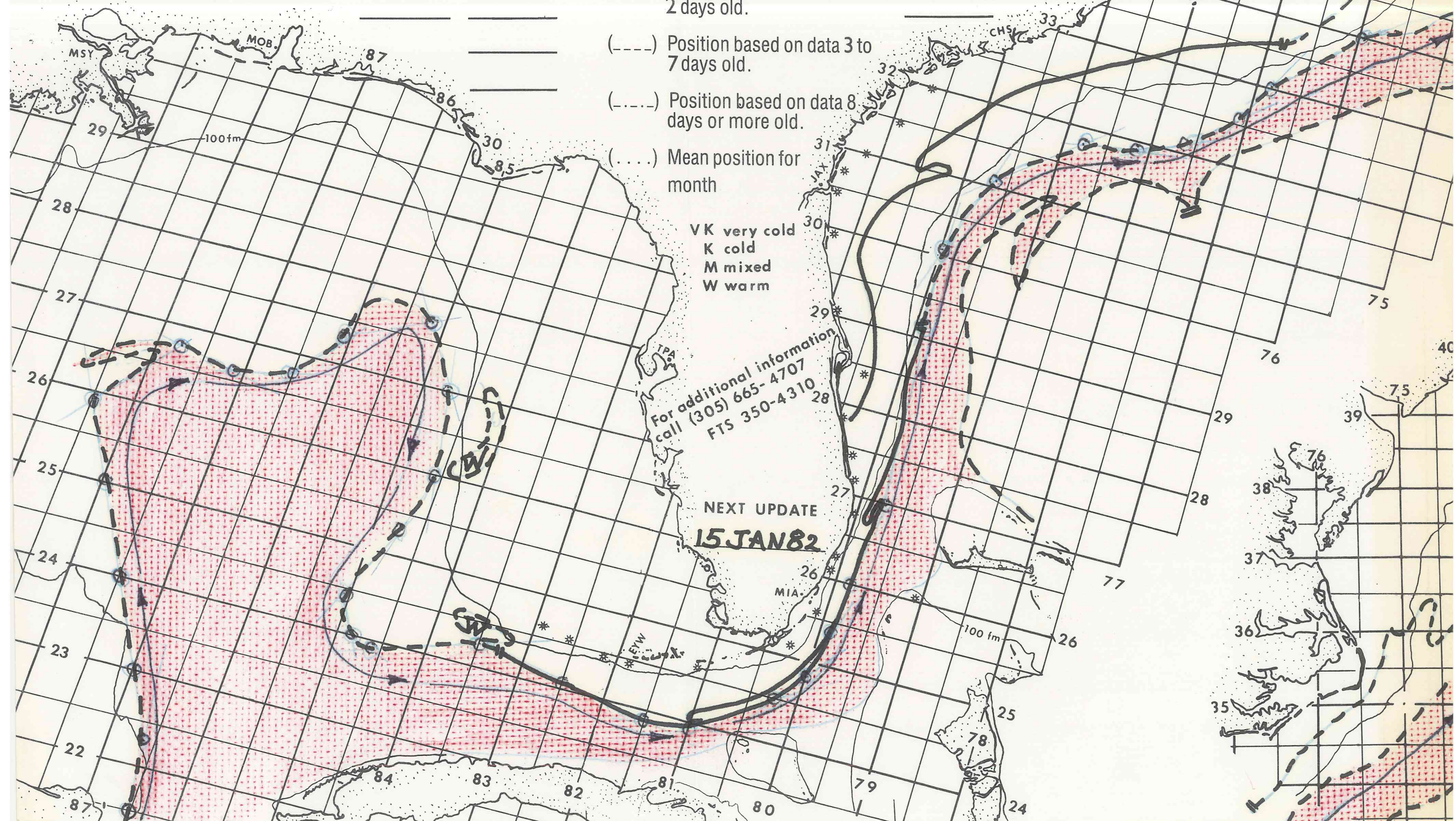
- (——) Position based on data 0 to 2 days old.
- (- - - -) Position based on data 3 to 7 days old.
- (- . . . -) Position based on data 8 days or more old.
- (. . . .) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

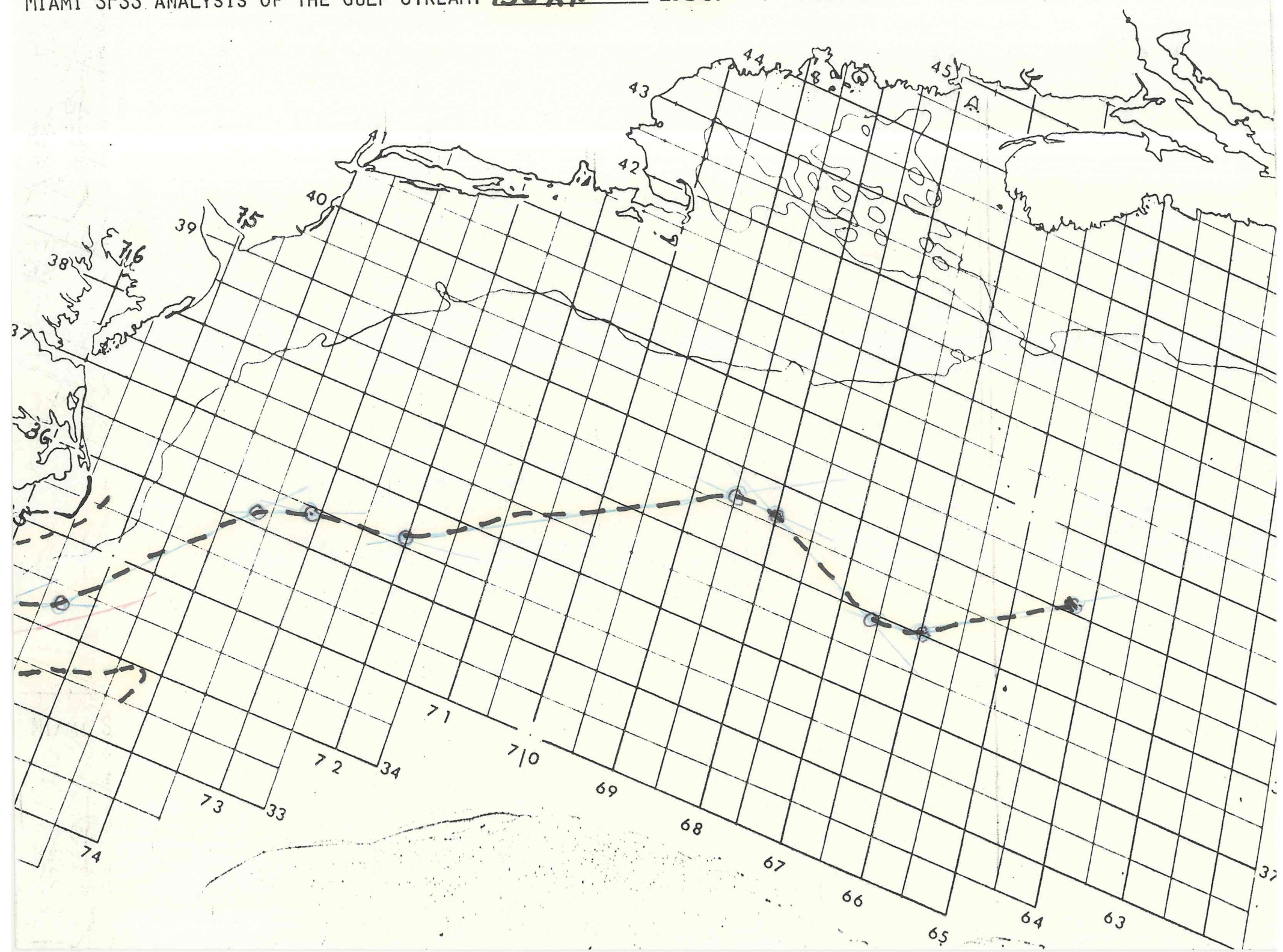
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

15 JAN 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 13 JAN 1982. PART B



NNNN

↓V

ZCZC

SXNT1 KWBC 132209

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

27.0/79.9	30.5/80.0	31.7/79.2
32.1/77.9	33.1/76.8	35.9/74.2
36.7/71.7	37.8/70.1	38.3/67.9
38.1/66.1	38.7/65.0	

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

COLD EDDIES 36.3/63.7/50NMI DIAM

WARM EDDIES 39.2/70.0/65 NMI DIAM

LATEST SATELLITE DATA 1/13/82 1200Z

NNNN

ZCZC MIAGLMMIA

1982 JAN 13 AM 10:16

TBXX40 KMIA 131500

*MIAGLMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
13 JAN 1982.

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

215865 223866 230870 240875 250880 259885 268877 266871 268865
273861 277852 270847 260846 253848 244851 240848 239846 243835
241825 239815 239810 245802 248800 254799 260798.

DATA ARE CURRENT ONLY FROM 243835 TO 260798. REMAINDER FROM 11 JAN.

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

R83/25/W/24. R87/23/W/24. C90/33/W/24. B95/27/W/24. E90/25/W/24.
F78/19/W/24. G61/34/W/24. H30/44/W/24. I42/44/W/25. J26/44/W/25.
K19/38/W/25. L16/42/W/25. M16/47/W/25. N16/35/W/25. O15/29/W/25.
P22/36/W/25. Q39/11/W/25. R31/36/W/25. S28/46/W/26. U31/62/W/26.

A 50 NM WIDE TONGUE OF COOL WATER WAS OBSERVED ALONG THE OFFSHORE
EDGE OF THE GULFSTREAM BETWEEN A AND G.

A LARGE...COMPLEX...MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE
OF THE GULFSTREAM BETWEEN P AND R...ROUTING THE EDGE OF THE STREAM
VERY FAR OFFSHORE. A SMALL MEANDER IS OBSERVED ALONG THE SHORE
WARD EDGE OF THE GULFSTREAM BETWEEN K AND L.

DATA ARE CURRENT G THROUGH U...REMAINDER FROM 11 JAN 82.

BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 15 JAN 1982

215865 223865 230869 240875 250880
257884 260884 268877 267869 269864
282856 278850 274847 265846 260846
258847 246850 239847 239843 241838
242832 240823 238816 238812 245803
251797 260796 || _____

270797 275797 283799 297800 313796
317789 325768 337762 349742 361736
364730 366719 387683 379660 36
391642 || 818 _____

Depicted land should not be used for navigation.

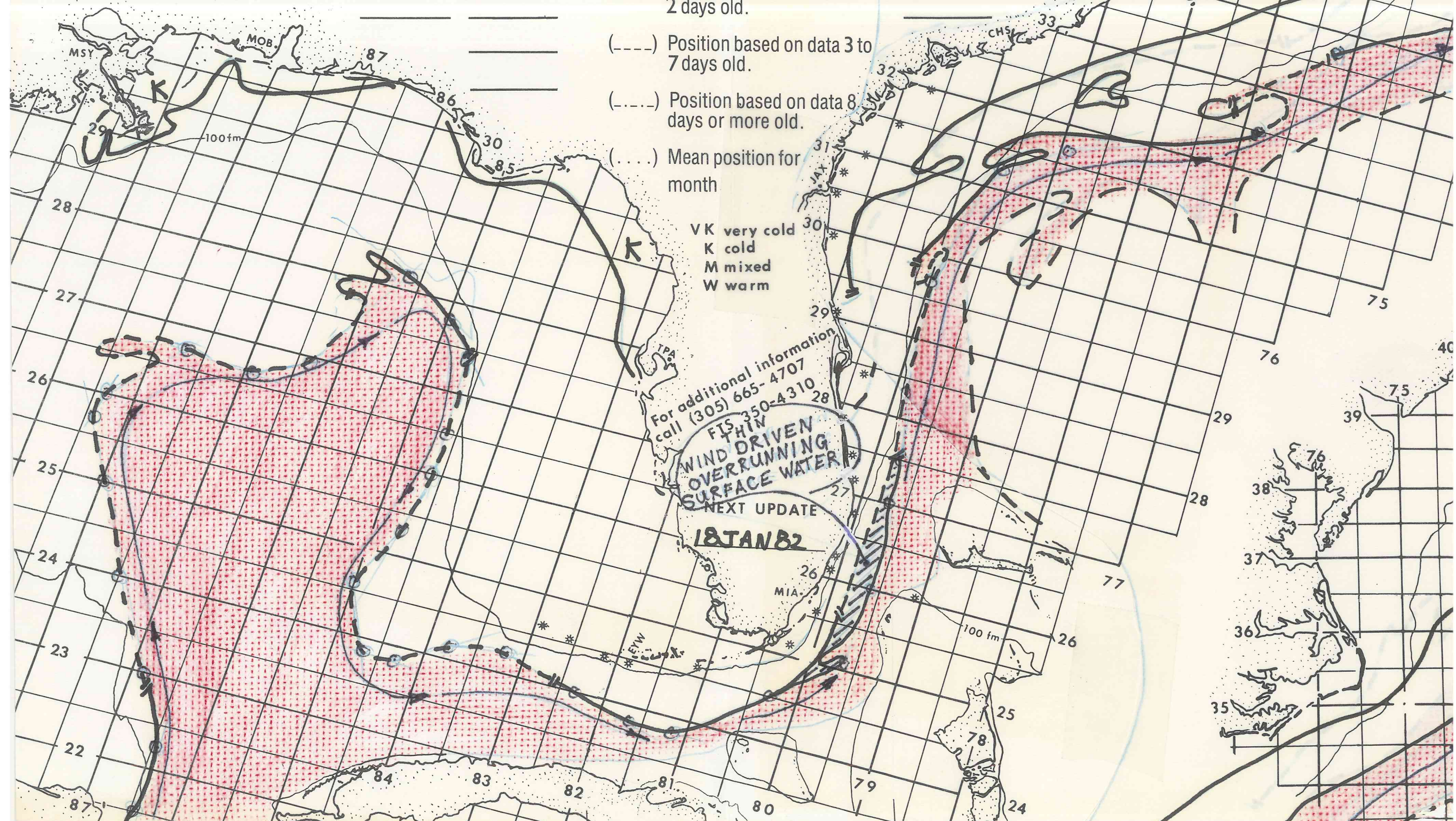
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (____) 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

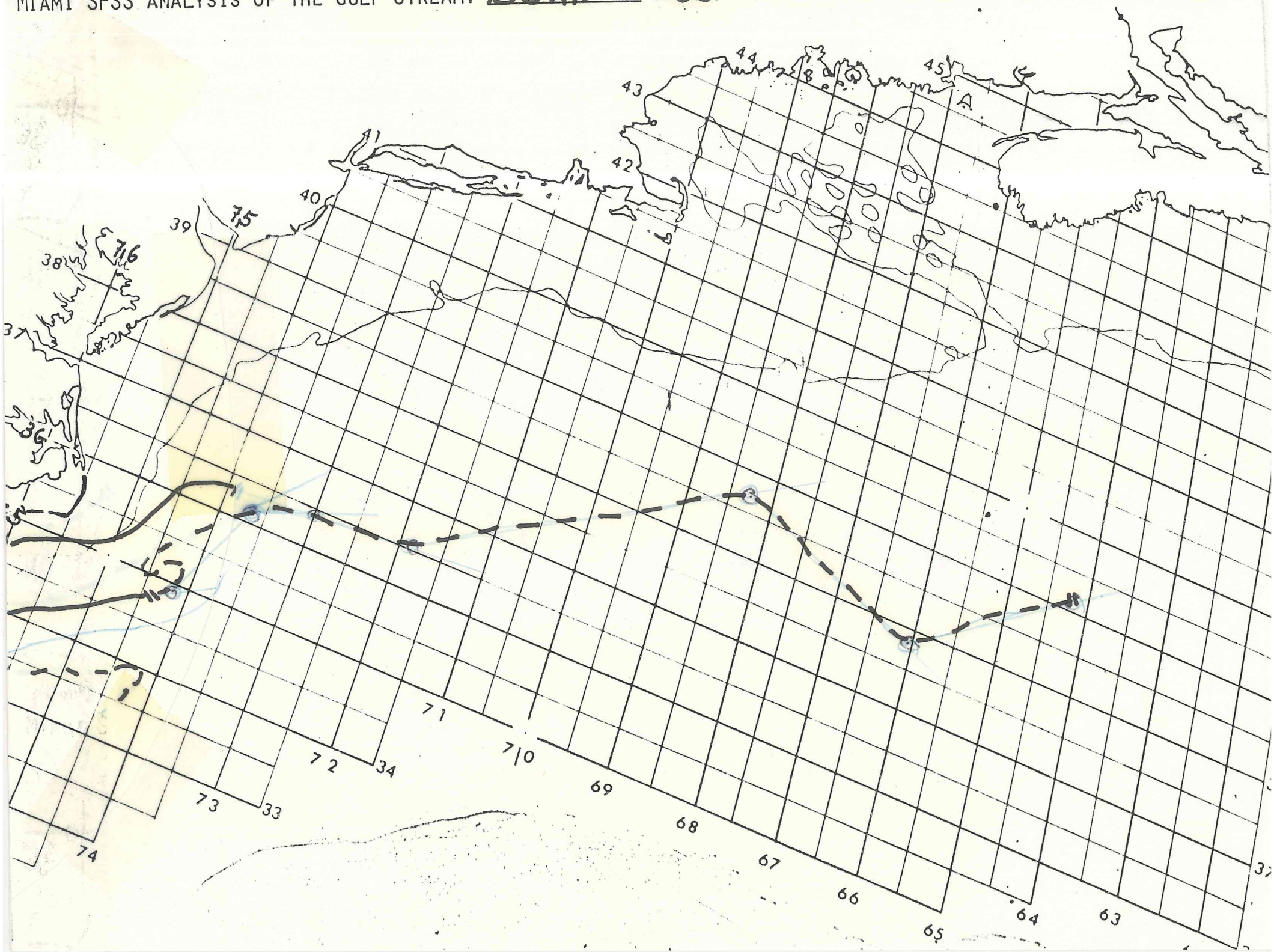
VK very cold
 K cold
 M mixed
 W warm

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

WIND DRIVEN
 THIN
 OVERRUNNING
 SURFACE WATER
 NEXT UPDATE
18 JAN 82



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



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

(29) A - Savannah Light

84/36/

(33) B - Sapelo Lighted Whistle Buoy 2S

90/30/

(35) C - Brunswick Lighted Whistle Buoy 2B

93/50/

(40) D - St. Marys Entrance Lighted Whistle Buoy STM 1

97/42/

(43) E - St. Johns Lighted Whistle Buoy 2 St.J.

94/36/

(45) F - St. Augustine Lighted Whistle Buoy St.A.

89/25/

(49) G - Ponce de Leon Inlet Lighted Bell Buoy 2

62/21/

(52) H - Southeast Outer Shoal Lighted Bell Buoy 2

37/31/

(3.10) I - Sebastian Inlet North Jetty Light

55/40/

(57) J - Fort Pierce Inlet Lighted Whistle Buoy 2

43/29/

(61) K - St. Lucie Entrance Lighted Whistle Buoy 2

35/20/

(64) L - Lake Worth Inlet Lighted Bell Buoy 2LW

27/30/

(66) M - Hillsboro Inlet Light

29/32/

(68) N - Port Everglades Lighted Whistle Buoy 1

27/24/

(74) O - Fowey Rocks Light

22/20/

(79) P - Elbow Reef Light B

22/37/

(84) Q - Sombrero Key Light

35/16/

(91) R - Sand Key Light

34/37/

(92) S - Cosgrove Shoal Light

36/38/

(94) T - Rebecca Shoal Light

(95) U - Dry Tortugas Light

36/59/

DATE:

19

BV

ZCZC MIAGLMMIA

TBXX40 KMIA 151530

TMIAGLMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
15 JAN 1982.

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

215865 223865 230869 240875 250880 257884 260884 268877 267869
269864 282856 278850 274847 265846 260846 258847 246850 239847
29843 241838 242832 240823 238816 238812 245803 251797 260796.

DATA ARE CURRENT ONLY FROM 240823 TO 260796. REMAINDER FROM 11 JAN.
AN AREA OF WIND DRIVEN OVERRUNNING SURFACE WATER IS OBSERVED IN THE
PORTION OF THE ANALYSIS NORTH OF 25 N EAST OF 80 W. DEEPLY LADEN
VESSELS WHICH ARE SOUTHBOUND SHOULD STAY ANOTHER 15 NM WEST OF THE
POINTS GIVEN ABOVE IN THIS AREA.

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

A82/27/M/24. B86/23/M/24. C89/40/M/24. D96/30/M/24. E90/22/M/24.
F80/18/M/24. G60/35/A/24. H30/43/M/24. I40/48/M/25. J33/39/M/25.
K23/27/M/25. L22/33/M/25. M30/34/M/25. N31/23/M/25. O30/14/M/25.
P28/30/M/25. Q37/12/M/25. R36/34/M/25. S34/42/M/26. U32/65/M/26.

DATA ARE CURRENT J THROUGH S...REMAINDER FROM 11 JAN 82.

BAIG

NNNN

ZCZC NTAGLNMTA

TRXX40 KMTA 151530

1982 JAN 15 AM 10:51

NTAGLNMTA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
15 JAN 1982.

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

215865 223865 230869 240875 250880 257884 260884 268877 267869
269864 282856 278850 274847 265846 260846 258847 246850 239847
239843 241838 242832 240823 238816 238812 245803 251797 260796.

DATA ARE CURRENT ONLY FROM 240823 TO 260796. REMAINDER FROM 11 JAN.
AN AREA OF WIND DRIVEN OVERRUNNING SURFACE WATER IS OBSERVED IN THE
PORTION OF THE ANALYSIS NORTH OF 25 N EAST OF 80 W. DEEPLY LOADED
VESSELS WHICH ARE SOUTHBOUND SHOULD STAY ANOTHER 15 NM WEST OF THE
POINTS GIVEN ABOVE IN THIS AREA.

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

AR2/27/W/24. BR6/23/W/24. CR9/40/W/24. DR6/30/W/24. F90/22/W/24.
FR0/18/W/24. G60/35/W/24. H30/43/W/24. I40/48/W/25. J33/39/W/25.
K28/27/W/25. L22/33/W/25. M30/34/W/25. N31/23/W/25. O30/14/W/25.
P28/30/W/25. Q37/12/W/25. R36/34/W/25. S34/42/W/26. U32/65/W/26.

DATA ARE CURRENT J THROUGH S...REMAINDER FROM 11 JAN 82.

BT6

Date: 18 JAN 1982

215865 222864 225865 235872 239874
245879 252885 257889 263885 267878
265864 269857 279852 275845 262846
256846 245849 240851 238848 237840
241829 239824 239810 246802 251799
255798 260797 _____

270796 277796 287799 295800 310796
315793 318788 320777 324771 334763
340760 344750 355740 362728 36
367715 384685 386678 378656
390640 SLUB _____

Depicted land should not be used for navigation.

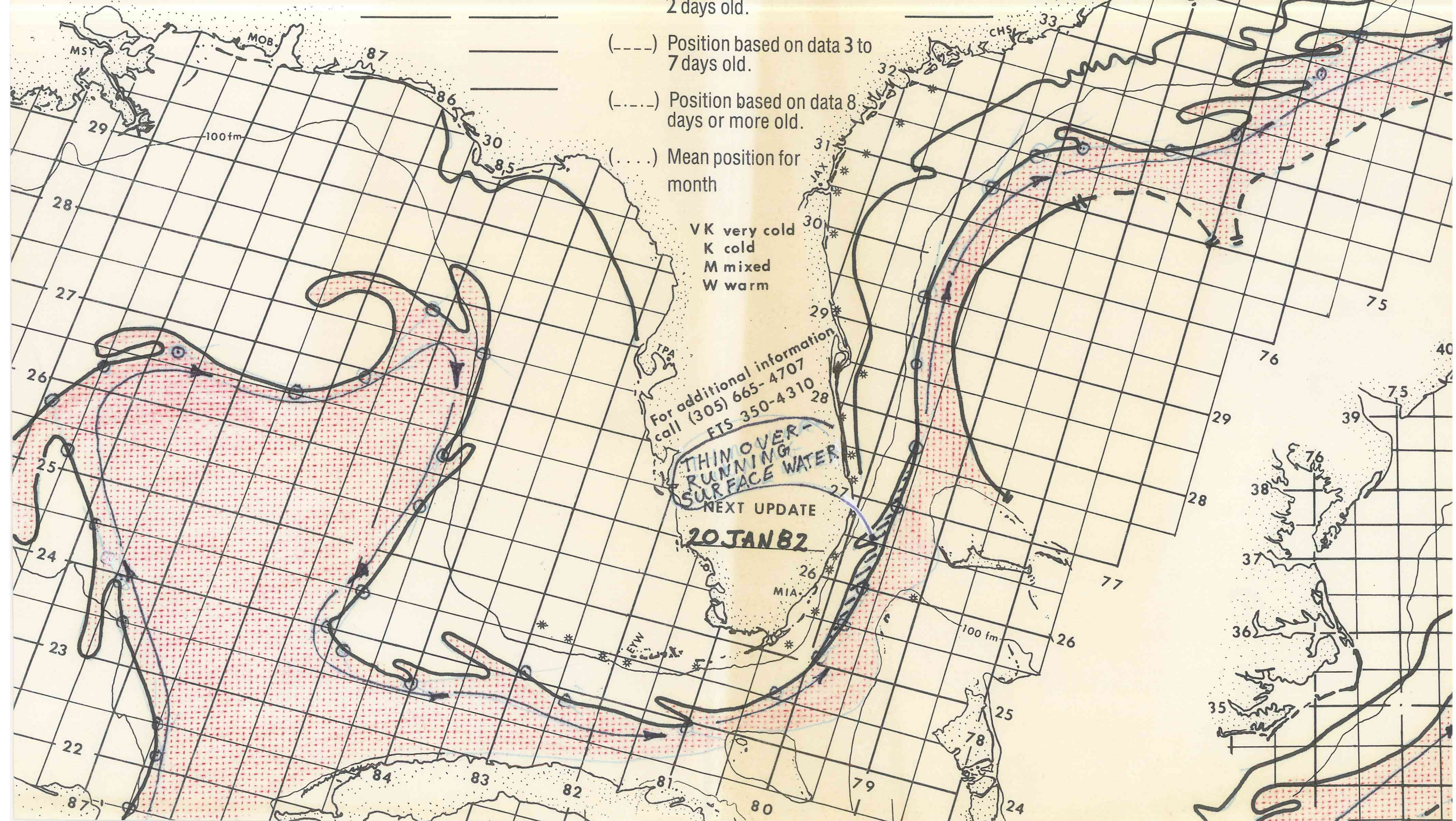
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (____) 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

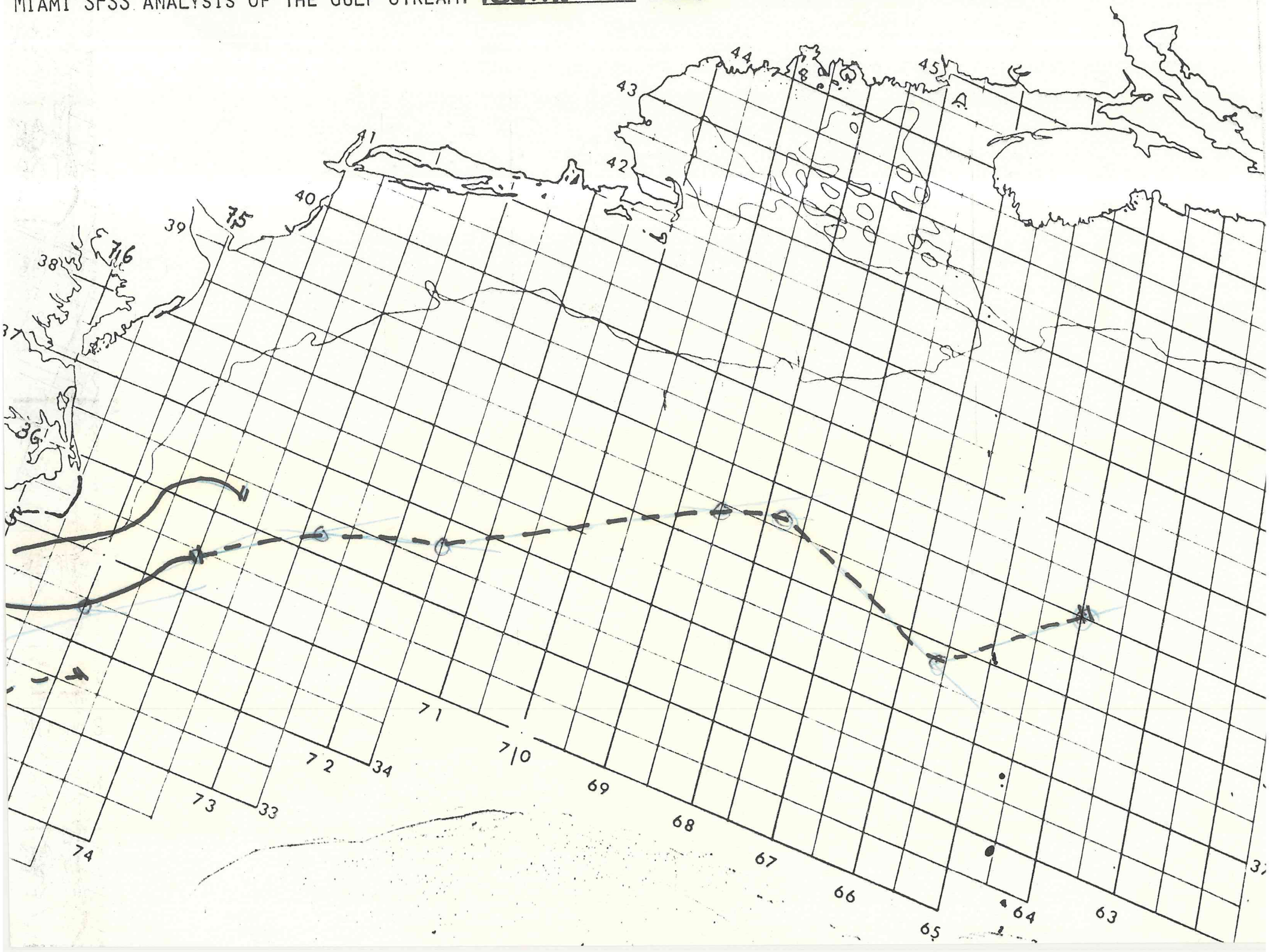
VK very cold
 K cold
 M mixed
 W warm

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

THIN OVER-RUNNING SURFACE WATER
 NEXT UPDATE
20 JAN 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 18 JAN 1982. PART B



1982 JAN 18 AM 11:26

NNNN

7070 NTAGI NNTA

TRXX40 KNTA 181615

4NTAGI NNTA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
18 JAN 1982.

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

245865 224864 225865 225872 229874 245879 252885 257889 262885
267878 265864 269857 279852 275845 262846 256846 245849 248851
238848 227848 241829 239824 239818 246802 251799 255798 260797.

DATA ARE CURRENT.

AN AREA OF OVERRUNNING SURFACE WATER IS OBSERVED IN THE PORTION OF
THE ANALYSIS NORTH OF 25 N EAST OF 80 W. SOUTHERNING DEEP DRAUGHT
VESSELS SHOULD STAY ANOTHER 10 NM WEST OF THE POINTS GIVEN ABOVE
... IN THIS AREA.

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

884/26/M/24. 898/30/M/24. 893/50/M/24. 897/42/M/24. F94/26/M/24.
F89/25/M/24. 862/21/M/24. 837/31/M/24. 155/40/M/24. J42/29/M/25.
K35/28/M/25. 127/30/M/25. M29/32/M/25. N27/24/M/25. 022/28/M/25.
P22/27/M/25. 035/16/M/25. R34/37/M/25. S36/38/M/25. U36/59/M/25.

DATA ARE CURRENT.

AN AREA OF OVERRUNNING SURFACE WATER IS OBSERVED ALONG THE SHOREWARD
EDGE OF THE GULFSTREAM BETWEEN J AND O. SOUTHERNING DEEP DRAUGHT
VESSELS SHOULD STAY ANOTHER 10 NM SHOREWARD OF THE DISTANCES GIVEN
ABOVE.

DATA

A
WBC454

11 KWBC 182140

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

27.0/79.6	27.7/79.6	28.7/79.9	29.5/80.0
31.0/79.6	31.5/79.3	31.8/78.8	32.0/77.7
32.4/77.1	33.4/76.3	34.0/76.0	34.4/75.0
35.2/74.4	36.0/74.0	36.2/72.8	36.3/71.9
36.7/71.5	37.8/70.0	38.4/65.0	

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

COLD EDDIES.. 31.7/76.0/55 NMI DIAM.. 40.0/47.7/60 NMI DIAM..
WARM EDDIES.. 40.6/61.7/80 NMI DIAM.. 41.5/60.0/80 NMI DIAM..

LATEST SATELLITE DATA... 1/18/82 1200z

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **20 JAN** 19**82**

215866 220865 228866 232869 234875
 240878 246880 250883 260885 264880
 268872 267865 268860 273856 279854
 279848 270845 262844 255846 245848
 240849 239845 239835 241829 240818
 242808 245804 251800 257799 260799

270799 280798 303800 313797 318792
 320783 319772 322768 335767 346750
 355742 364728 365715 371701
 385678 387669 376652 377650
 389633 // SLD

Depicted land should not be used for navigation.

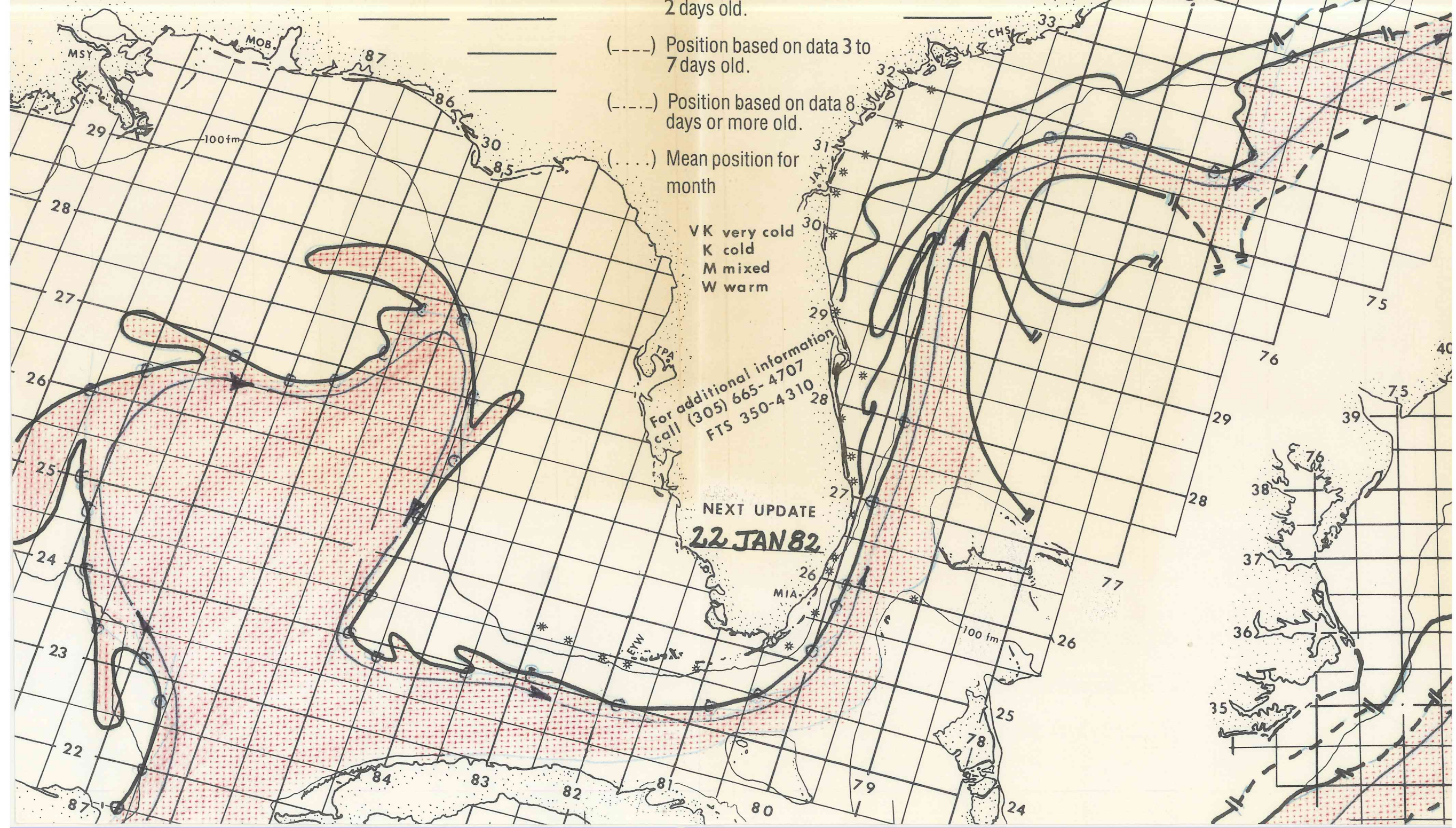
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) 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

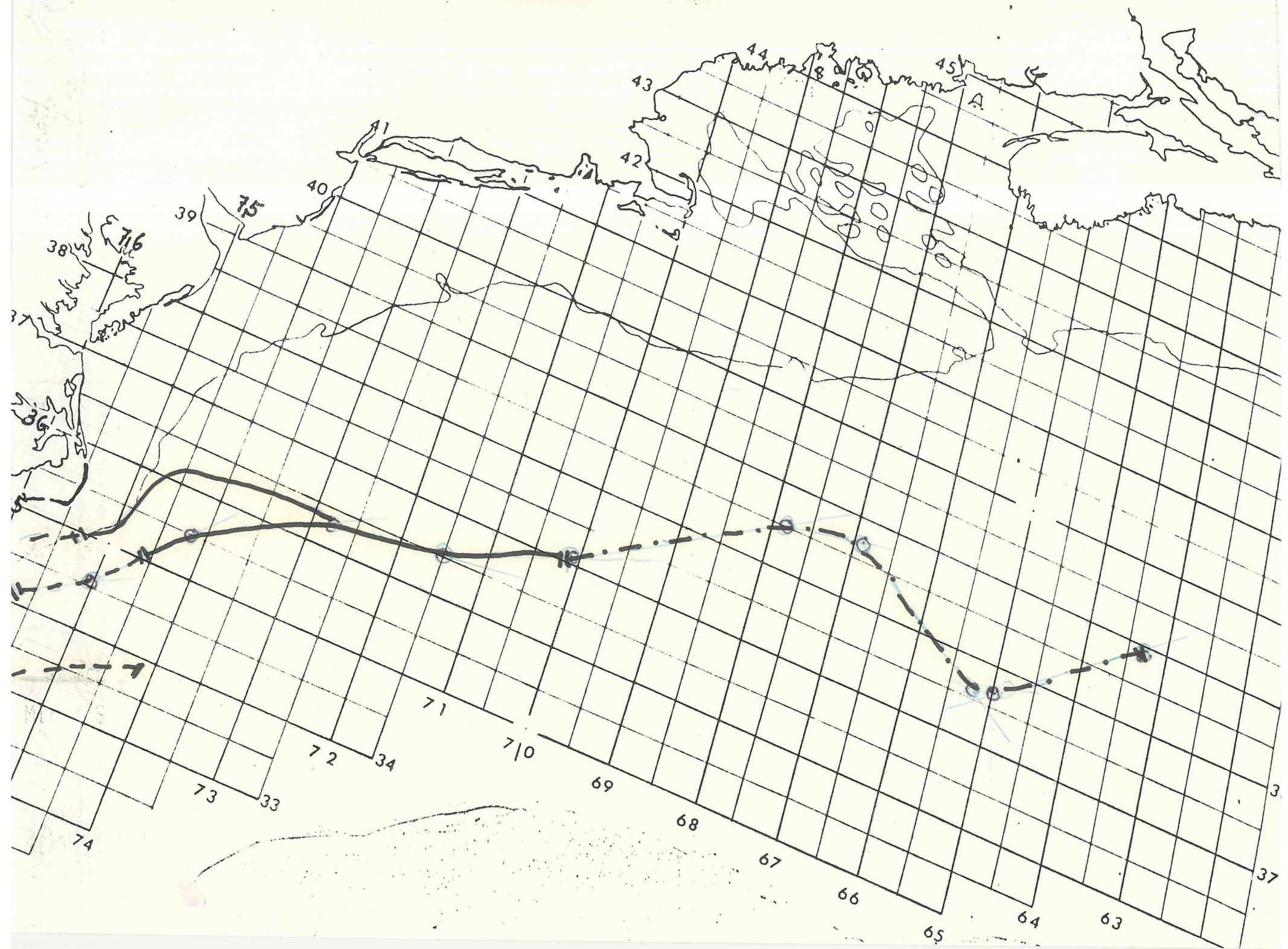
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
22 JAN 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 20 JAN 1982 PART B



####

7070 MIAMI MIA

TRXXAA MIA 201700

MIAMI MIA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

20 JAN 1987.

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

245000 220000 220000 222000 224000 240000 240000 250000 260000
260000 260000 267000 269000 273000 279000 279000 270000 260000
255000 245000 240000 239000 239000 241000 240000 240000 245000
251000 257700 260700. DATA ARE CURRENT.

MIAMI SESS SELECTED RIVERSTREAM DATA FOR NOAA WEATHER BATHA...

071/00/W/74. 078/51/W/74. 081/41/W/74. 086/45/W/74. 092/50/W/74.
071/30/W/74. 059/35/W/74. 033/42/W/74. 142/61/W/74. 126/46/W/75.
110/37/W/75. 111/46/W/75. 014/46/W/75. 014/35/W/75. 012/31/W/75.
014/44/W/75. 029/21/W/75. 028/40/W/75. 026/47/W/75. 034/60/W/75.
DATA ARE CURRENT.

DATA

1987 JAN 20 PM 12:03

NNNN↓↓A
ZCZC WBC920
TBXX40 KMIA 201700
↑MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
20 JAN 1982.

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

215866 220865 228866 232869 234875 240878 246880 250883 260885
264880 268872 267865 268860 273856 279854 279848 270845 262844
255846 245848 240849 239845 239835 241829 240818 242808 245804
251800 257799 260799. DATA ARE CURRENT.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
A71/50/M/24. B78/51/M/24. C81/41/M/24. D86/45/M/24. E82/50/M/24.
F71/30/M/24. G59/35/M/24. H33/43/M/24. I42/61/M/24. J26/46/M/25.
K18/37/M/25. L11/46/M/25. M14/46/M/25. N14/35/M/25. O12/31/M/25.
P14/44/M/25. Q29/21/M/25. R28/40/M/25. S26/47/M/25. U34/60/M/25.
DATA ARE CURRENT.

BAIG

NNNN

NNNNJJJ
ZCZC WBC866
TBXX40 KMIA 201700
↑MIAGLMMIA

1982 JAN 20 PM 12:08

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
20 JAN 1982.

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

215866 220865 228866 232869 234875 240878 246880 250883 260885
264880 268872 267865 268860 273856 279854 279848 270845 262844
255846 245848 240849 239845 239835 241829 240818 242808 245804
251800 257799 260799. DATA ARE CURRENT.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A71/60/M/24. B78/51/M/24. C81/41/M/24. D86/45/M/24. E82/50/M/24.
F71/30/M/24. G59/35/M/24. H33/43/M/24. I42/61/M/24. J26/46/M/25.
K18/37/M/25. L11/46/M/25. M14/46/M/25. N14/35/M/25. O12/31/M/25.
P14/44/M/25. Q29/21/M/25. R28/40/M/25. S26/47/M/25. U34/60/M/25.
DATA ARE CURRENT.

BAIG

NNNN↓↓A
ZCZC WBC932
SXNT1 KWBC 202125
GULF STREAM LOCATION † THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.8	28.0/79.8	30.3/80.0	31.3/79.7
31.7/79.2	32.0/77.8	33.0/76.7	33.5/76.7
34.6/75.0	35.5/74.2	36.4/72.8	36.5/71.5
37.7/70.0	38.4/65.0		

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

COLD EDDIES 31.7/76.0/55 NMI DIAM 40.0/47.7/60 NMI DIAM
30.2/78.7/50 NMI DIAM.
WARM EDDIES 40.6/61.7/80 NMI DIAM 41.5/60.0/80 NMI DIAM.

LATEST SATELLITE DATA 1/20/82 1200Z.

NNNN

7070 MIAQI MNTA

TRXXAA KMTA 204700

MIAQI MNTA

MIAQI SECS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

20 JAN 1992

1992 JAN 20 PM 4: 23

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

245000 220000 220000 220000 220000 240000 240000 250000 260000
260000 260000 267000 267000 270000 270000 270000 270000 270000
255000 245000 240000 220000 220000 240000 240000 240000 245000
250000 257700 260000. DATA ARE CURRENT.

MIAQI SECS SELECTED GULF ESTREAM DATA FOR WARM WEATHER PERIOD . . .

071/00/W/74. 070/51/W/74. 091/41/W/74. 096/45/W/74. 097/50/W/74.
071/00/W/74. 059/35/W/74. 039/40/W/74. 147/61/W/74. 126/46/W/75.
119/37/W/75. 111/46/W/75. 014/46/W/75. 014/35/W/75. 017/31/W/75.
014/44/W/75. 029/21/W/75. 020/40/W/75. 026/47/W/75. 034/60/W/75.
DATA ARE CURRENT.

DATA

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 22 JAN 1982

215867 225866 229867 235873 240879
 250880 262887 266876 268872 267865
 268860 272856 279854 278849 274846
 265844 258841 254845 242849 239847
 239845 240840 241828 240820 242810
 243805 250800 255798 260798 ||

270798 280798 290799 304800 314796
 318792 320785 320773 323769 335767
 344752 355740 361730 369705 36
 385677 388677 378652 377647
 382640 390632 || SLK

Depicted land should not be used for navigation.

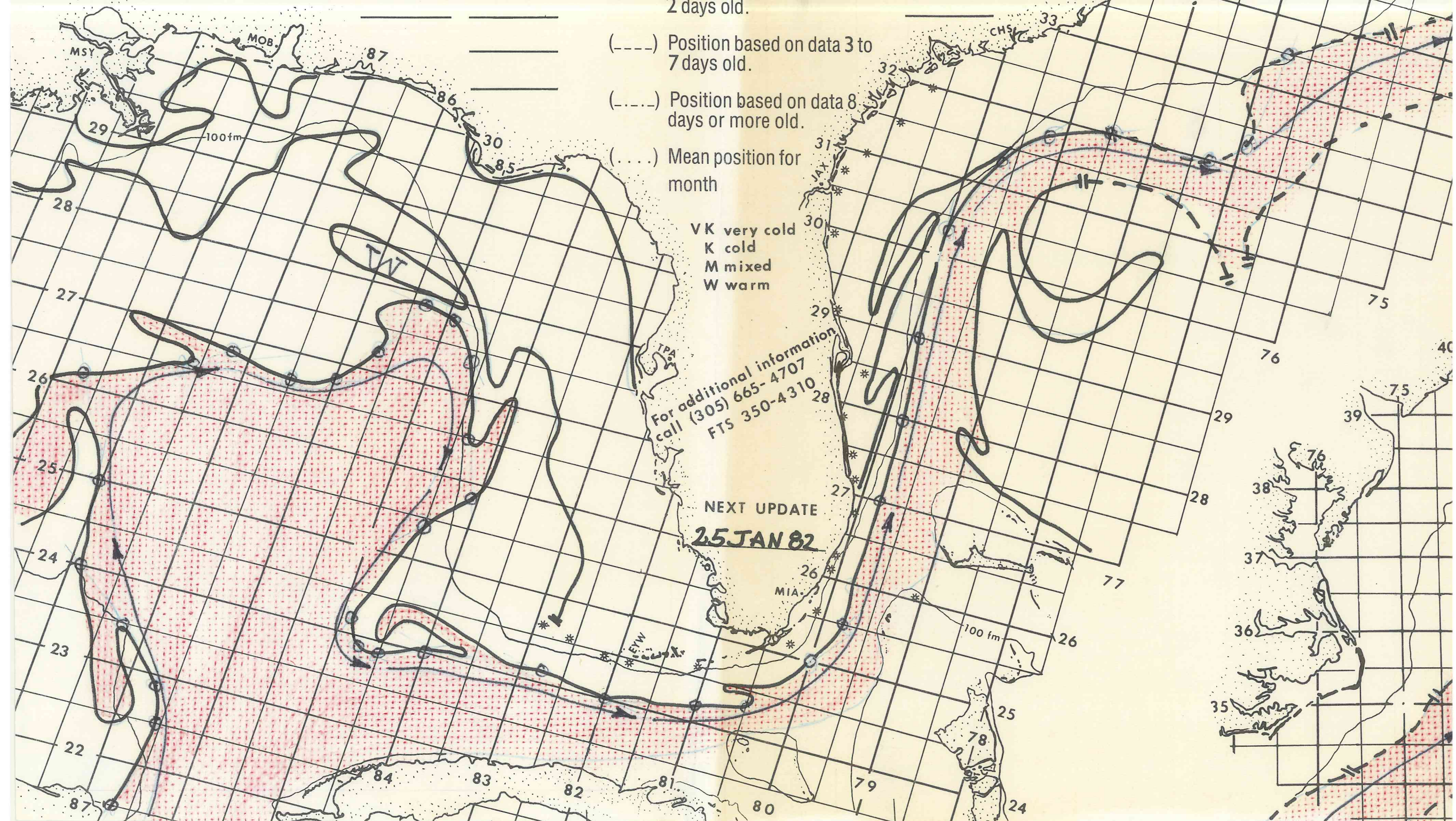
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) 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

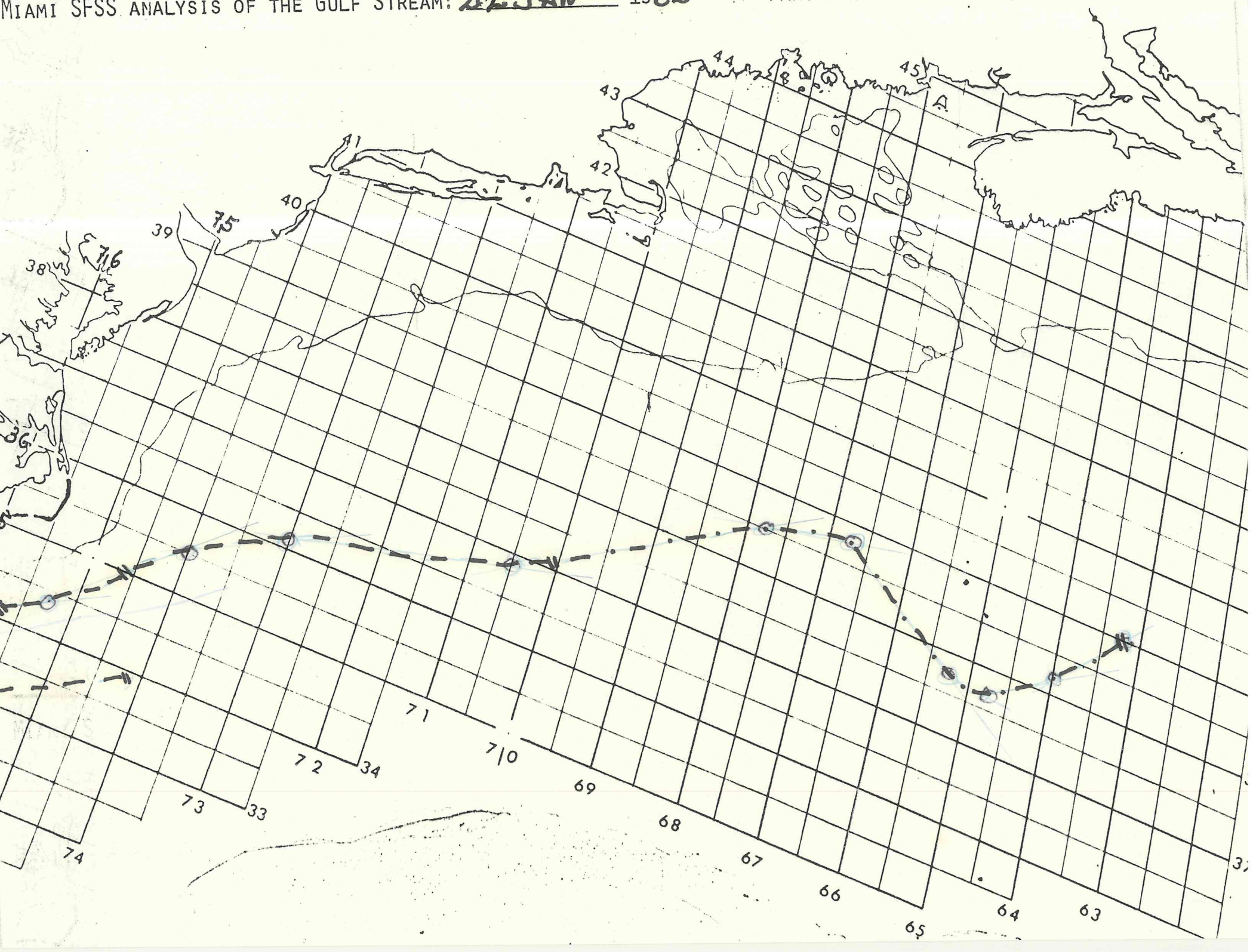
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
25 JAN 82



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



NNNN
7070 MIAGLMMIA

TRXXAA KMTA 221800

MIAGLMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
22 JAN 1982.

CORNER POINTS AT 1 DEGREE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....

215867 225866 229867 235873 240879 250880 262887 266876 268877
267865 268868 272856 274854 278849 274846 265844 258841 254845
242849 239847 239845 240848 241828 240820 242818 243805 250800
255798 260798. DATA ARE CURRENT.

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

R74/37/M/24, R79/43/M/24, CR2/41/M/24, BR6/43/M/24, FR5/34/M/24,
F75/60/M/24, G59/38/M/24, H33/47/M/24, I40/41/M/24, J26/41/M/25,
K21/34/M/25, L14/42/M/25, M17/41/M/25, N18/33/M/25, O20/21/M/25,
P17/38/M/25, Q30/19/M/25, R23/45/M/25, S26/47/M/25, U31/61/M/25.
A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM JUST EAST OF O.

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **25 JAN** 19**82**

215865 222866 231868 241878 250881
 259884 265886 266881 268870 268865
 270858 275854 280850 272845 261845
 255842 250845 242847 238846 237845
 240838 243833 242820 243810 246804
 250801 255798 260797// _____

270797 288797 302799 314796 319783
 320772 327762 330759 344757 346755
 348746 355743 365725 344717 36
 365709 371705 387675 388665
 377650 377645 389630// SRB 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.

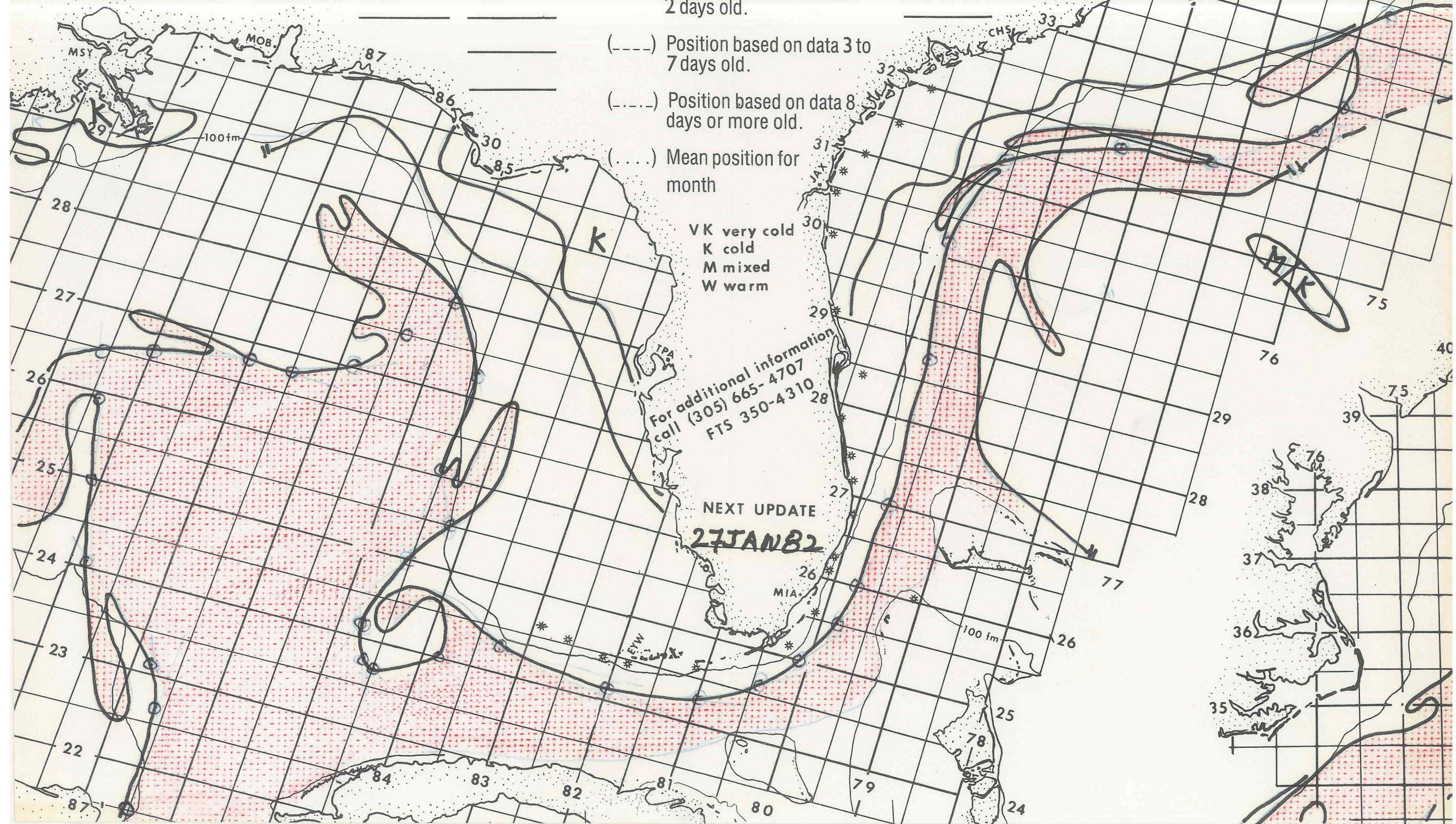
- (____) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (-.-.-) Position based on data 8 days or more old.
- (....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

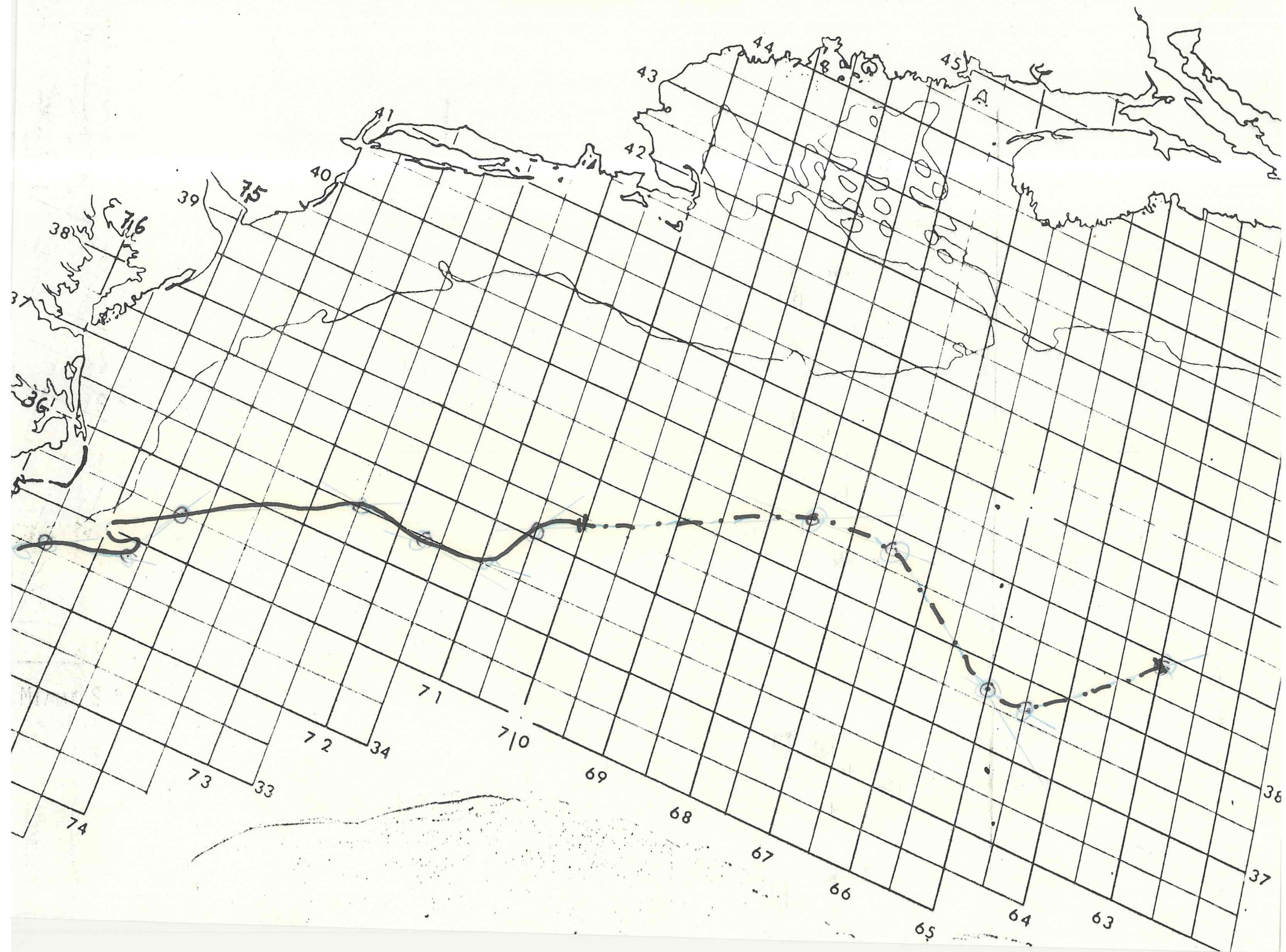
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

27 JAN 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 25 JAN 1982 PART B



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 27 JAN 1982

215865 218865 230870 237874 241879
253883 264882 266876 266870 271861
276858 282854 279848 272845 260844
249844 244846 239846 234842 235839
240834 242825 242815 244803 247803
252800 260798 // _____

270798 285799 302799 310796 317790
320775 330760 335750 346756 349746
355740 360739 368725 366710 36
371705 387675 388665 377649
378643 392627 // SLP

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.

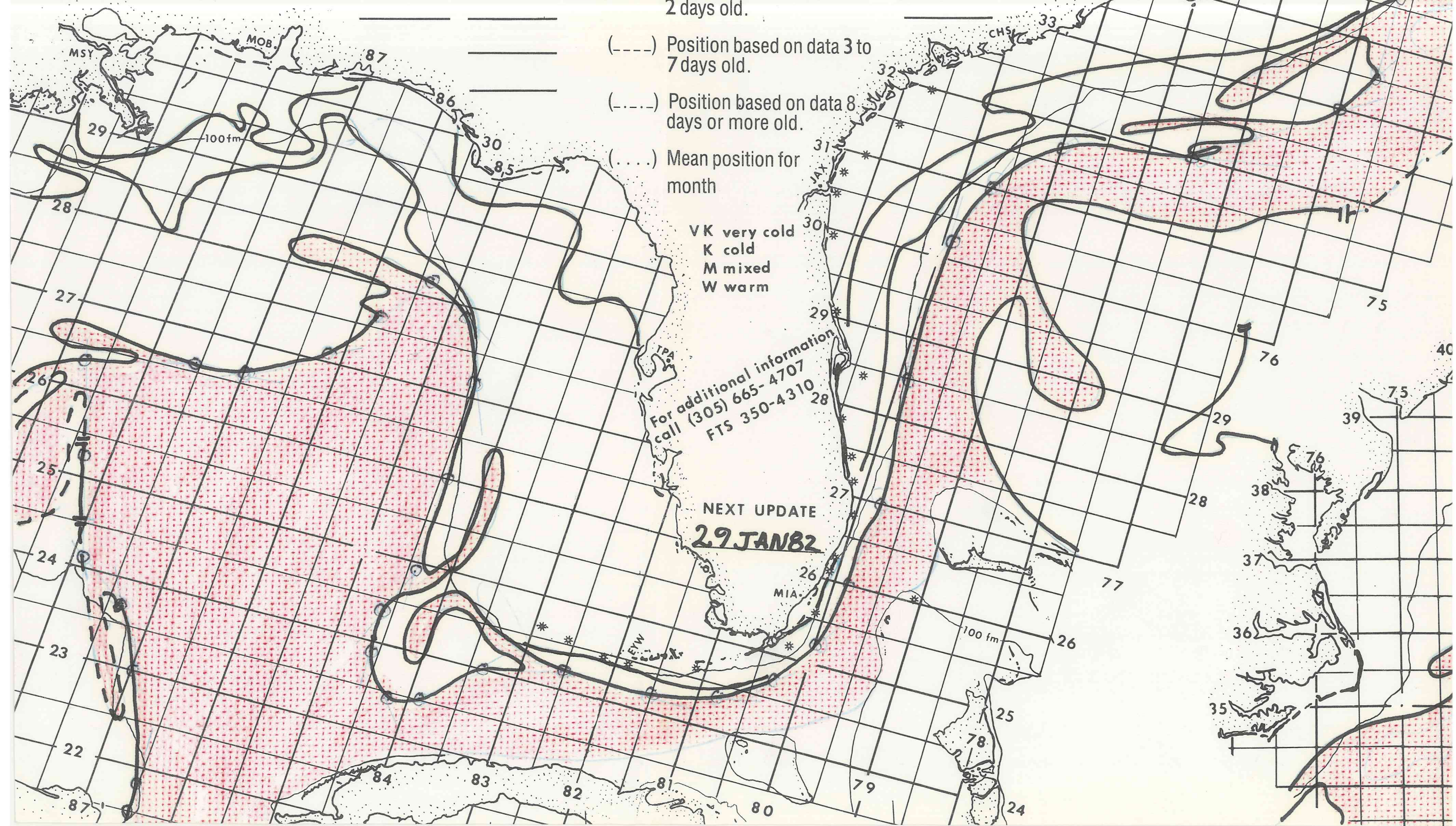
- (____) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

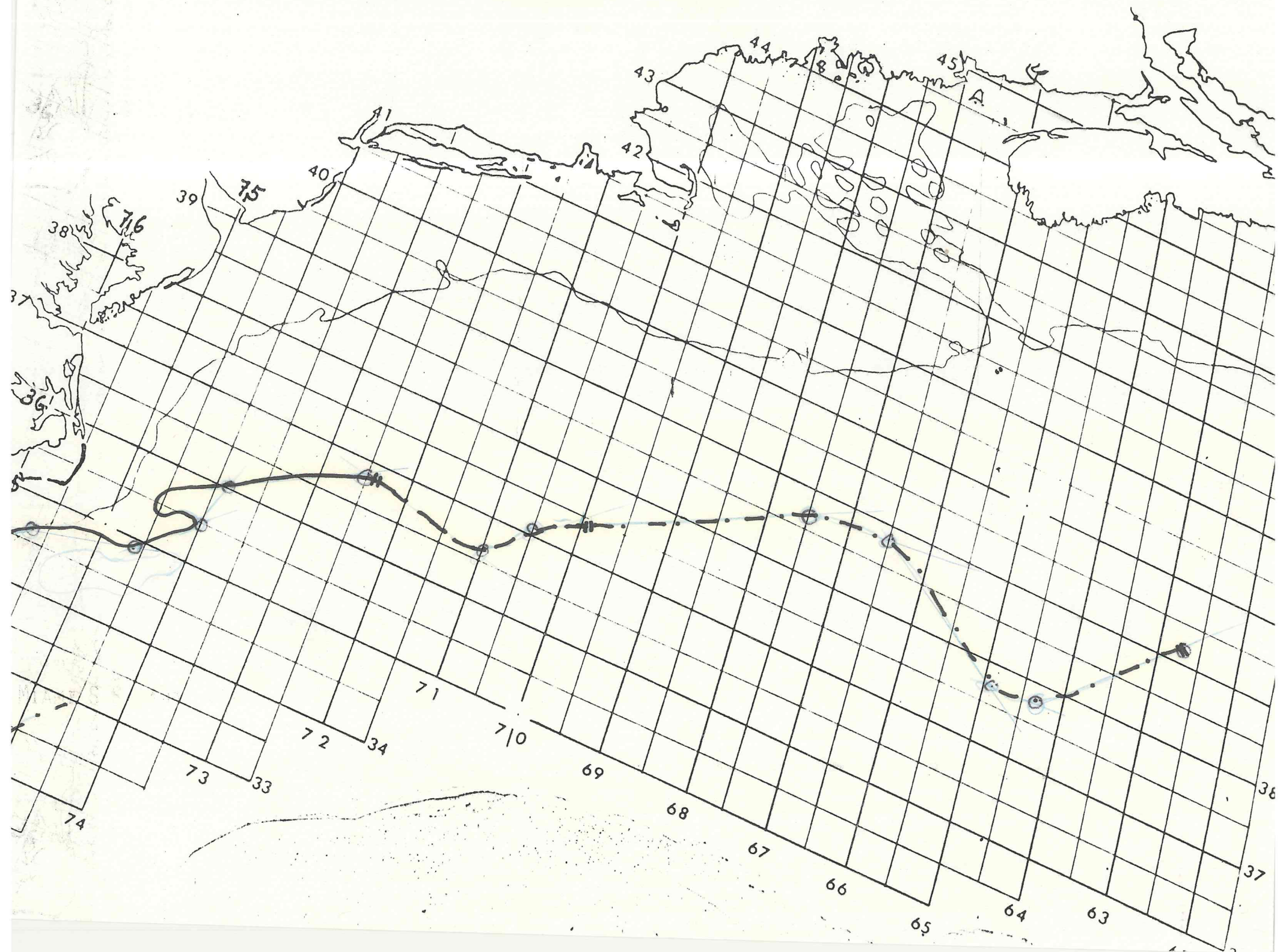
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

29 JAN 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 27 JAN 1982 PART B



NNNNJJJ
ZCZC WBC458
SXNT1 KWBC 272050
GULF STREAM LOCATION ↑ THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.8	28.5/79.9	30.2/79.9
31.0/79.7	31.7/79.0	32.0/77.5
33.0/76.0	34.4/75.5	34.9/74.7
36.2/73.7	36.5/72.8	36.7/71.0
38.0/69.0	38.7/65.0	

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

COLD EDDIES.. 31.7/76.0/50 NMI. DIAM. 30.2/78.7/50 NMI. DIAM
39.3/47.6/50 NMI. DIAM.

WARM EDDIES.. 40.2/64.0/65 NMI. DIAM. 40.6/57.4/65 NMI. DIAM.

LATEST SATELLITE DATA.. 1/27/82 1200Z

1982 JAN 27 PM 12:14

NNNN

ZCZC NTAGI MM1A

W001900 KNHC 271800

TRXX40 NM1A 271700

AMTAGI MM1A

MIAMI SFS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

27 JAN 1982.

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

215065 218065 220070 227074 241079 253083 264087 266076 266070
271061 276058 282054 279048 272045 260044 249044 244046 239046
234042 225039 240034 242025 242015 244003 247003 252000 260798.
DATA ARE CURRENT EXCEPT BETWEEN 241079 AND 264087 FROM 25 JAN 82.

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

883/72/M/24. 897/62/M/24. 891/36/M/24. 894/36/M/24. 891/46/M/24.
880/66/M/24. 859/39/M/24. 431/47/M/24. 127/57/M/24. 127/43/M/25.
K22/32/M/25. 113/44/M/25. 114/49/M/25. 114/35/M/25. 012/31/M/25.
P11/45/M/25. 023/27/M/25. 016/54/M/25. 516/57/M/25. 033/60/M/25.

INSTRUMENT FRONTS ARE OBSERVED AT THE FOLLOWING DISTANCES...45 AND 65
NM SE OF A...36 AND 62 NM SE OF B...42 AND 72 NM E OF C...38 AND 74 NM
E OF D...32 AND 79 NM E OF E...19 AND 47 NM E OF F...09 AND 36 NM E OF
G...14 NM E OF H...22 NM E OF I...10 NM E OF J...00 NM AT K...00 NM AT
N...16 NM SE OF O...03 NM S OF P...02 NM S OF S...15 AND 20 NM S OF U.
A LARGE...NEARLY CUTOFF...MEANER IS OBSERVED ALONG THE SHOREWARD
EDGE OF THE GULF STREAM WSW OF U.

DATA ARE CURRENT.

DATA

NNNN↓JA
ZCZC WBC423
TBXX40 KMIA 271700
↑MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
27 JAN 1982.

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

215865 218865 230870 237874 241879 253883 264882 266876 266870
271861 276858 282854 279848 272845 260844 249844 244846 239846
234842 235839 240834 242825 242815 244803 247803 252800 260798.
DATA ARE CURRENT EXCEPT BETWEEN 241879 AND 264882 FROM 25 JAN 82.

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

A83/72/M/24. B87/62/M/24. C91/36/M/24. D94/36/M/24. E91/46/M/24.
F80/66/M/24. G59/39/M/24. H31/47/M/24. I37/57/M/24. J27/43/M/25.
K22/32/M/25. L13/44/M/25. M14/49/M/25. N14/35/M/25. O12/31/M/25.
P11/45/M/25. Q23/27/M/25. R16/54/M/25. S16/57/M/25. U33/60/M/25.

INSIDE FRONTS ARE OBSERVED AT THE FOLLOWING DISTANCES...45 AND 65
NM SE OF A..36 AND 62 NM SE OF B..42 AND 72 NM E OF C..38 AND 74 NM
E OF D..32 AND 79 NM E OF E..19 AND 47 NM E OF F..09 AND 36 NM E OF
G..14 NM E OF H..22 NM E OF I..10 NM E OF J..00 NM AT M..00 NM AT
N..16 NM SE OF Q..03 NM S OF R..02 NM S OF S..15 AND 20 NM S OF U.
A LARGE...NEARLY CUTOFF...MEANDER IS OBSERVED ALONG THE SHOREWARD
EDGE OF THE GULFSTREAM WSW OF U.
DATA ARE CURRENT.

BAIG

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 29 JAN 1982

215867 225868 235872 240877 250882
 255884 264883 267870 270863 275858
 282852 278847 269845 253844 248844
 240847 236846 235842 235840 241832
 242829 243825 243820 244810 247804
 251801 260799 // _____

270798 280799 292800 304800 311796
 323783 324770 331765 331757 332754
 340753 351745 355740 366734 36
 367729 366718 367708 385698
 384691 // SRB _____

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.

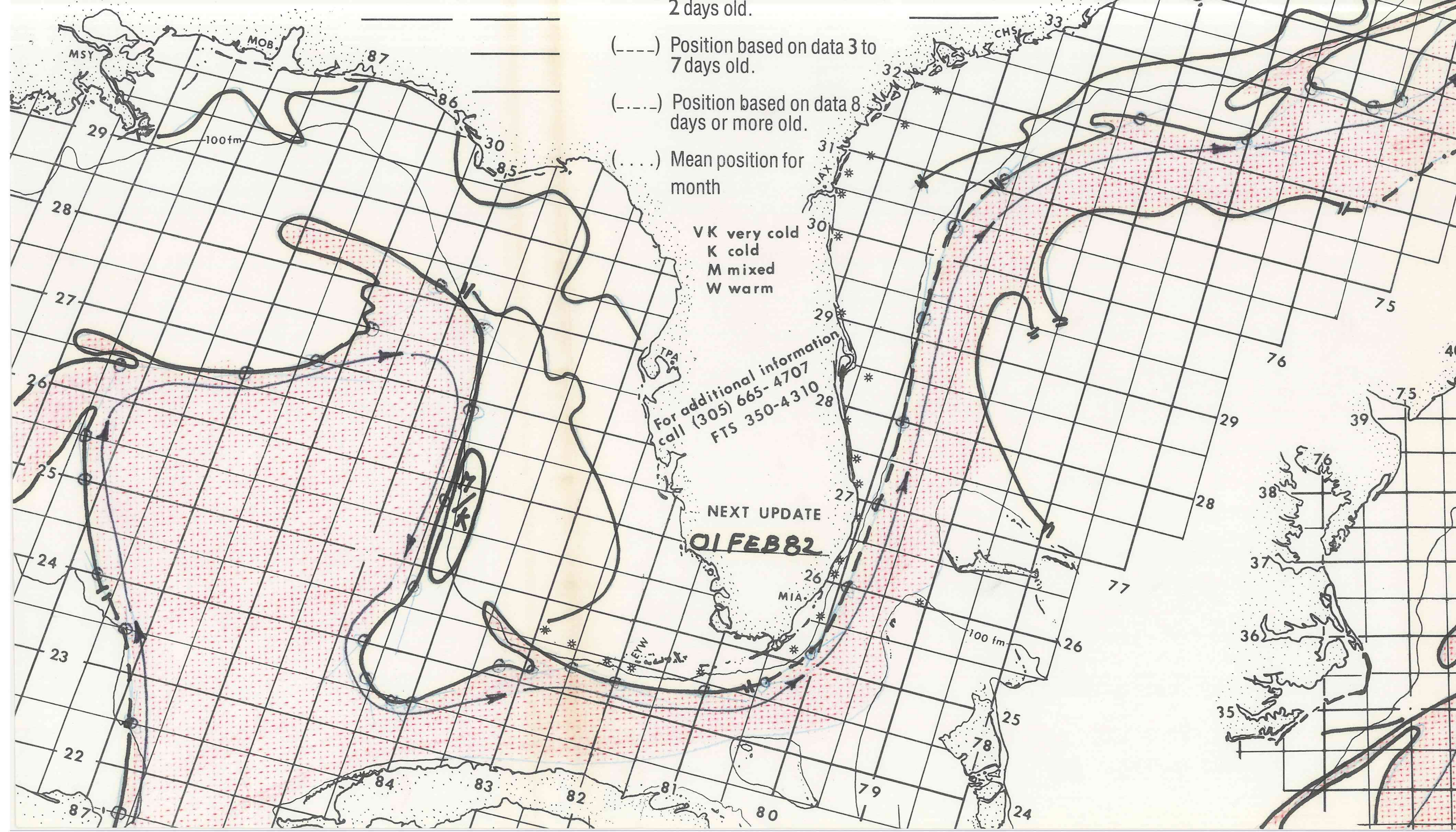
- (____) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (-.-.-) Position based on data 8 days or more old.
- (....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

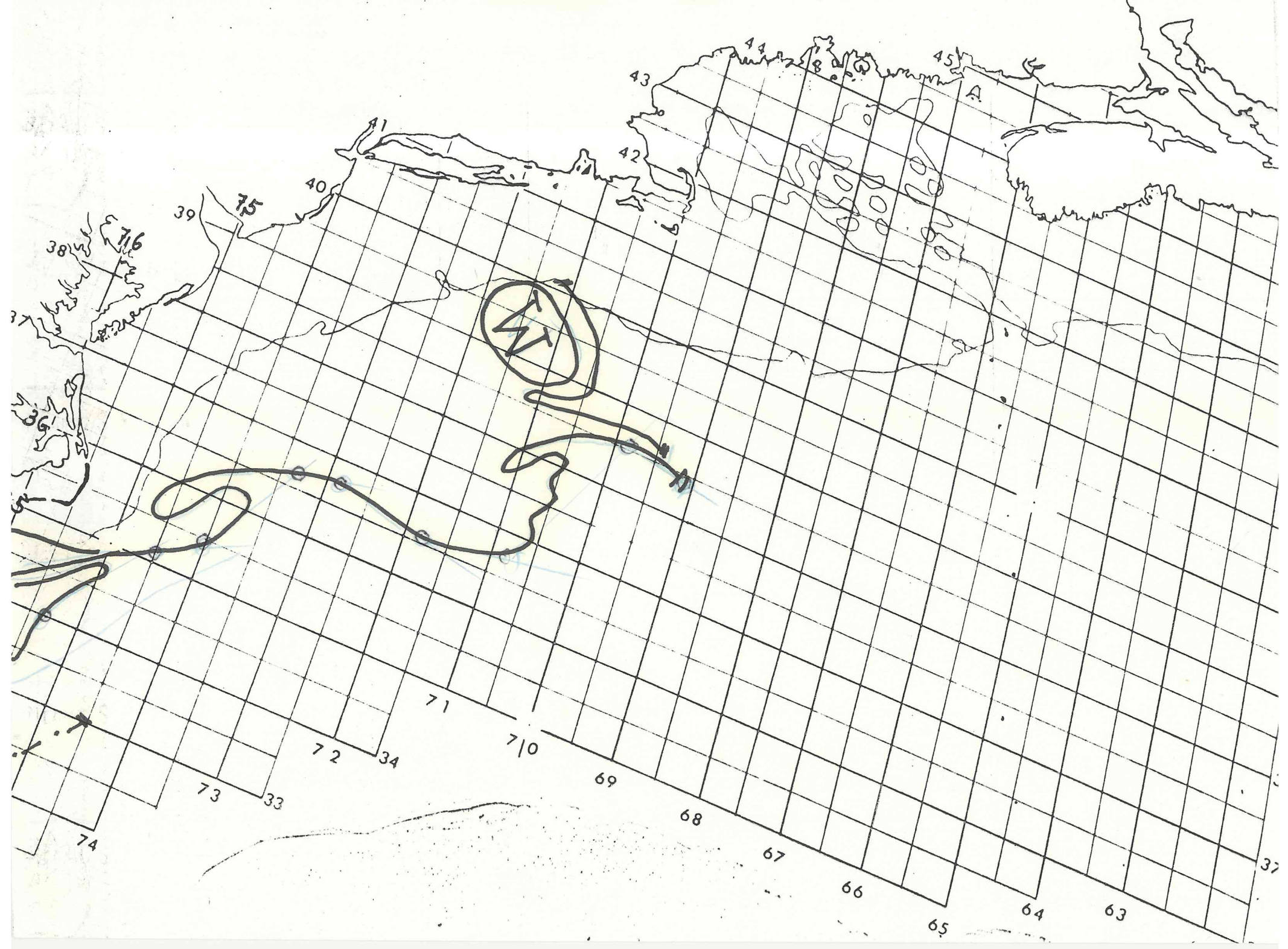
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 FTS 350-4310

NEXT UPDATE

01 FEB 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 29 JAN 1982 PART B



V

ZCZC

SXNT1 KWBC 292142

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

27.0/79.8	28.0/79.9	29.2/80.0	30.3/79.9
31.6/79.4	32.1/78.7	32.1/77.7	32.5/76.8
33.1/76.0	34.4/75.4	35.7/74.0	36.8/73.1
36.4/71.6	36.7/71.0	37.2/70.6	38.2/70.4
38.7/69.8	38.6/69.1	38.3/68.4	38.2/66.9
38.8/65.8	39.1/65.0		

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

COLD EDDIES 30.0/78.4/45NMI DIAM 34.0/73.0/50NMI DIAM

WARM EDDIES 39.3/71.0/50NMI DIAM 40.3/64.6/60NMI DIAM
40.6/57.6/65NMI DIAM

LATEST SATELLITE DATA 1/29/82 1200Z

NNNN ↓