

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 01 MAR 1982

215863 220863 230869 240875 245877
 252877 259877 262869 268866 267862
 271855 274847 264842 260843 255842
 248845 240845 238843 237836 238827
 242820 244812 248803 251800 260800//

270799 287799 299801 309800 321792
 326777 331767 339762 340758 352750
 354745 352736 354733 365729 36
 368725 369710 380700// 810

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.

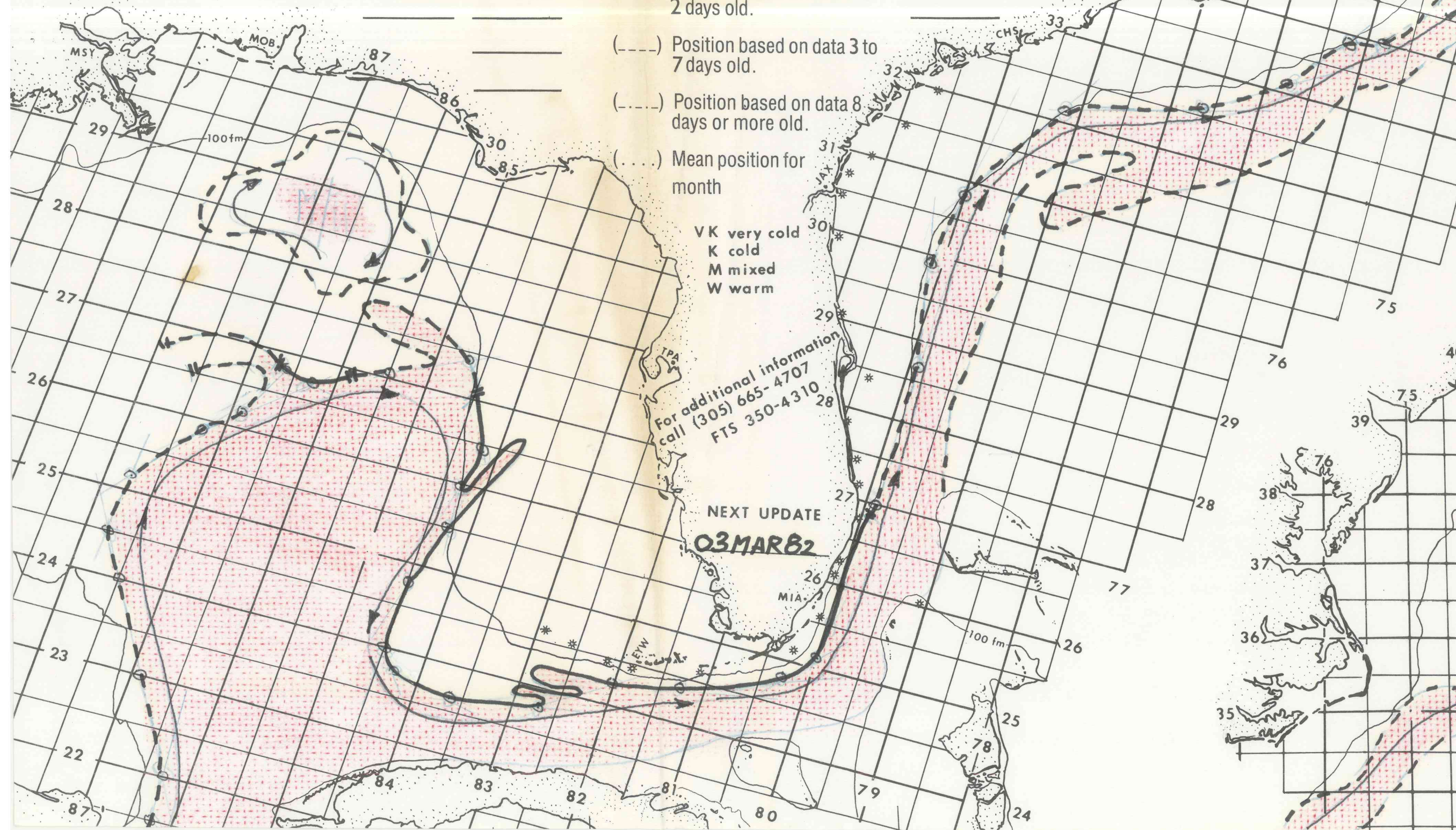
- (——) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (.....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

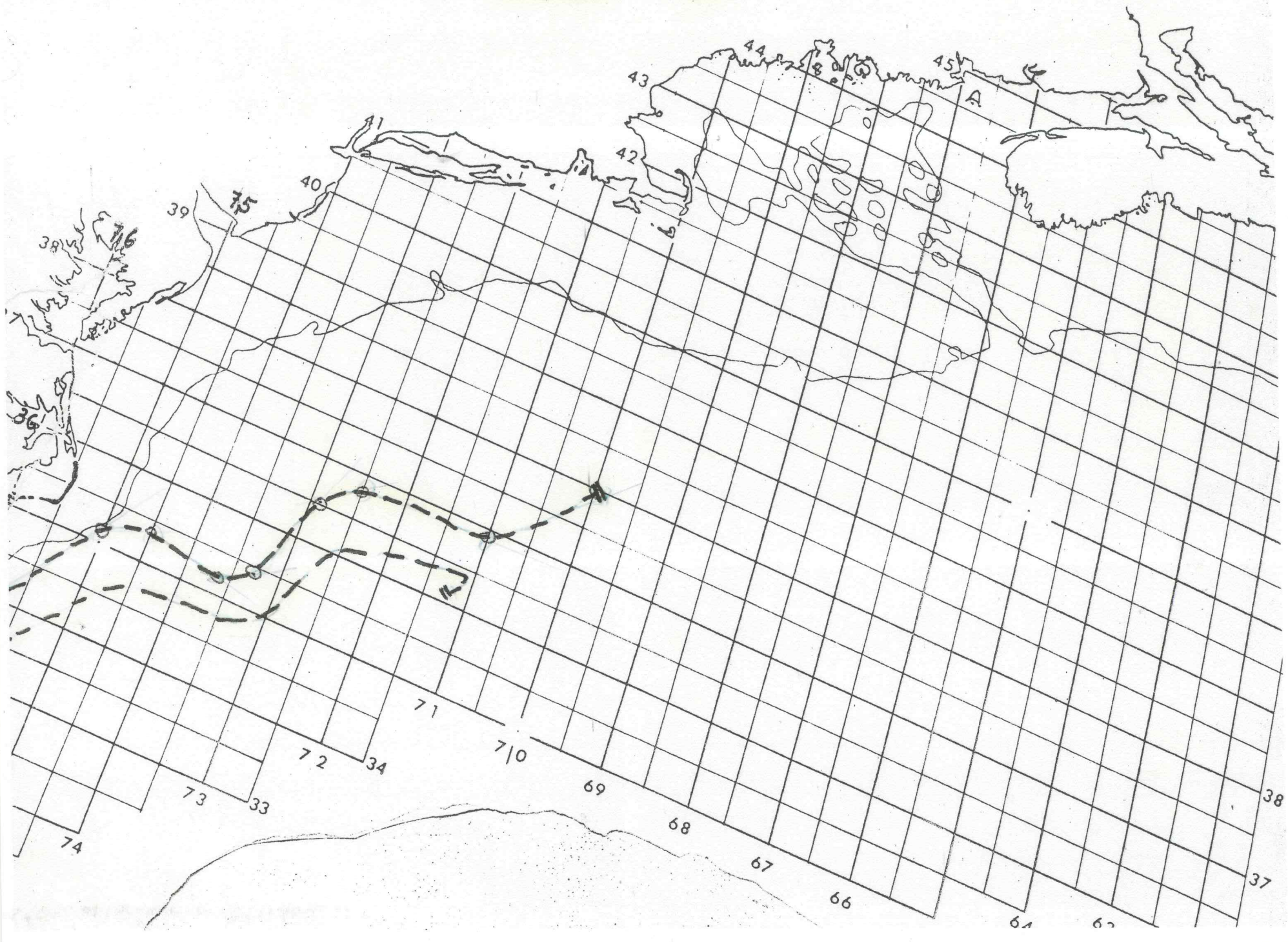
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

03 MAR 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: **OIMAR** 1982. PART B



NNNN

↓↓A

ZCZC WBC474

SXNT1 KWBC 012130

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

28.0/80.0 30.7/80.0 32.0/79.0

32.7/77.2 33.4/76.7 34.1/75.4

35.5/74.6 35.7/74.0 35.6/72.9

36.5/72.3 37.2/70.5 37.6/70.0

38.3/66.5 38.7/66.5 38.6/65.3

38.7/65.0

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

COLD EDDIESO 35.3/71.2/50 NMI. DIAM.⊙ M..2/66.8/35 NMI. DIAM.⊙
30.8/78.4/45 NMI. DIAM.⊙ 29.3/75.3/65 NMI. DIAM..

WARM EDDIESO 39.2/71.4/60 NMI. DIAM.⊙ 39.3/69.6/70 NMI. DIAM.⊙
40.0/66.2/70 NMI. DIAM.⊙ 25.3/91.7/80 NMI. DIAM.⊙

LATEST SATELLITE DATAO 3/1/82 AT 1200Z

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **03 MAR** 19**82**

215863 220863 230869 240875 250881
 254882 257882 259880 264871 264860
 265855 267843 256842 249845 242845
 238842 236837 238827 243818 245810
 248804 254801 260800//

270800 285800 301800 310799 324782
 324780 327773 334768 338762 350753
 352745 357739 355730 357727 36
 365725 375709 372701 381681
 381677// 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.

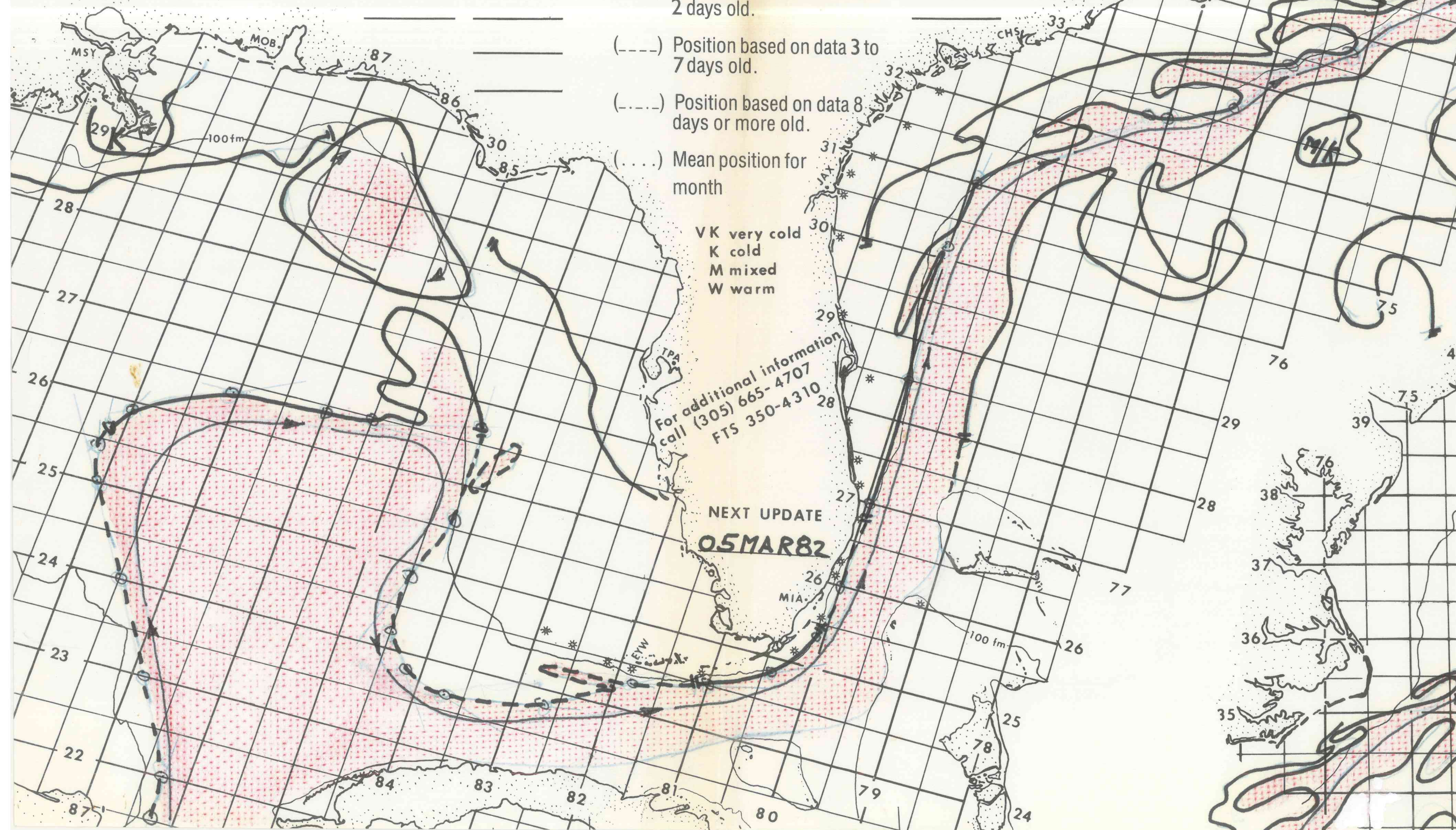
- (—) Position based on data 0 to 2 days old.
- (---) Position based on data 3 to 7 days old.
- (....) Position based on data 8 days or more old.
- (.....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

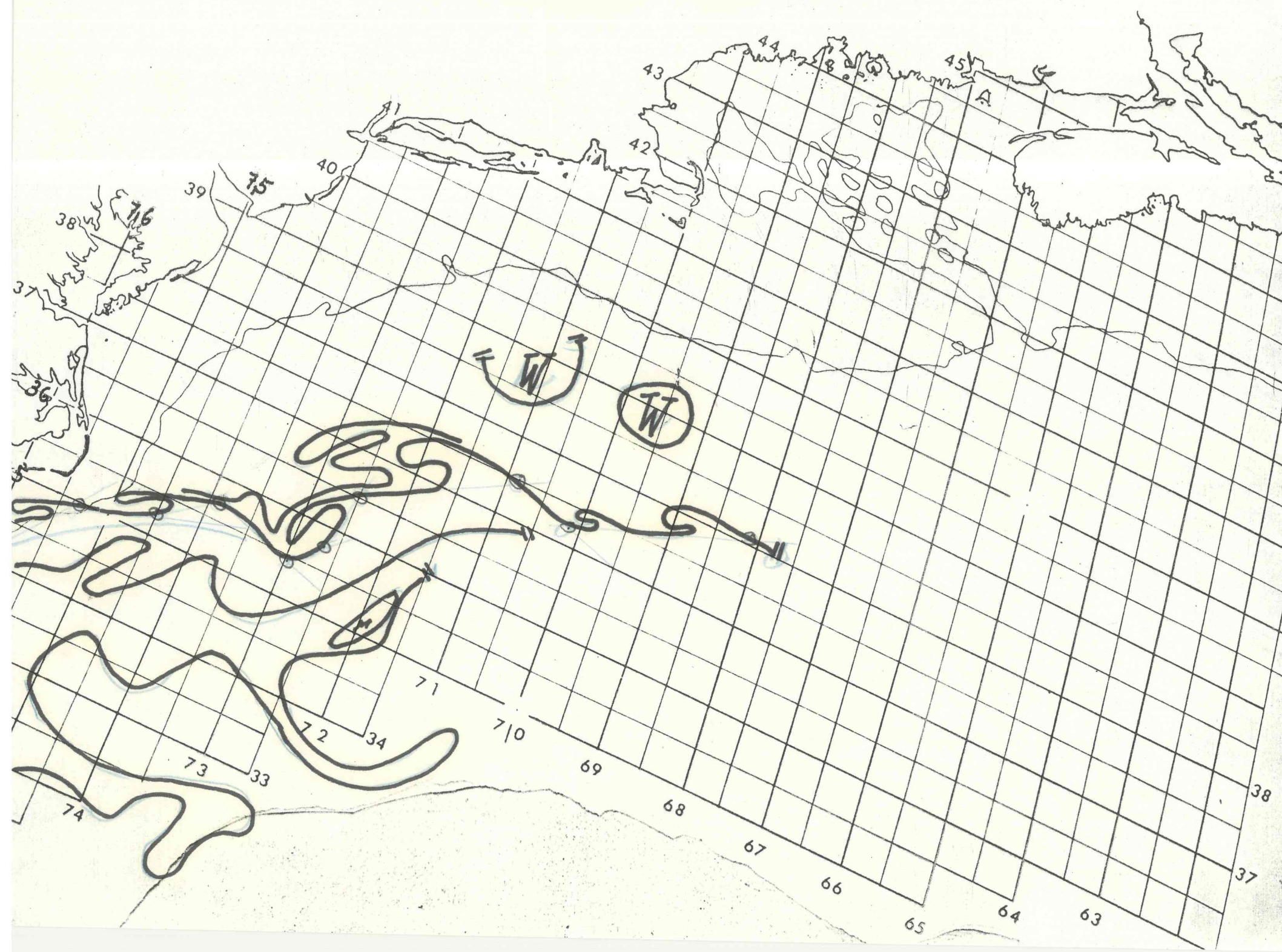
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

05 MAR 82



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



NNNN

ZCZC NTAGLMMIA

1982 MAR -3 AM 11: 36

TRXX40 KMTA 031630

NTAGLMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
03 MAR 1982.

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

215863 220863 230869 240875 250881 254882 257882 259880 264871
264860 265855 267843 256842 249845 242845 238842 236837 238827
243818 245810 248804 254801 260800.

DATA ARE CURRENT ONLY BETWEEN 254882 AND 267843...AND BETWEEN
245810 AND 254801...REMAINDER BASED ON DATA FROM 26 FEB 82.

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

A65/43/M/25. 376/74/M/25. 074/42/M/25. 084/39/M/25. F82/39/M/25.
F71/46/M/25. 051/50/M/25. H25/42/M/25. 132/46/M/25. J18/46/M/25.
K11/40/M/25. L04/50/M/25. M07/50/M/25. N06/41/M/25. 005/36/M/25.
P03/55/M/26. 008/40/M/26. R10/57/M/26. S19/55/M/26. U53/42/M/26.

AN INSIDE FRONT IS OBSERVED INSHORE OF THE GULF STREAM AT THE
FOLLOWING DISTANCES...46 NM SE OF A...31 NM SE OF B...34 NM E OF C...
28 NM E OF D...23 NM E OF E...AND 19 NM E OF F.

A NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN F AND G...WITH AN INSIDE FRONT 57 NM E OF F AND
39 NM E OF G.

DATA ARE CURRENT EXCEPT BETWEEN L AND O AND BETWEEN R AND U.
POSITIONS IN THESE TWO AREAS BASED ON DATA FROM 01 MAR 82.

RATA

ZCZC MIAGLMMIA

TBXX40 KMIA 031630

↑MIAGLMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

03 MAR 1982.

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

215863 220863 230869 240875 250881 254882 257882 259880 264871
264860 265855 267843 256842 249845 242845 238842 236837 238827
23818 245810 248804 254801 260800.

DATA ARE CURRENT ONLY BETWEEN 254882 AND 267843...AND BETWEEN
245810 AND 254801...REMAINDER BASED ON DATA FROM 26 FEB 82.

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

A65/43/M/25. B76/74/M/25. C74/42/M/25. D84/39/M/25. E82/39/M/25.
F71/46/M/25. G51/50/M/25. H25/42/M/25. I32/46/M/25. J18/46/M/25.
K11/40/M/25. L04/50/M/25. M07/50/M/25. N06/41/M/25. O05/36/M/25.
P03/55/M/26. Q08/40/M/26. R10/57/M/26. S19/55/M/26. U53/42/M/26.

AN INSIDE FRONT IS OBSERVED INSHORE OF THE GULF STREAM AT THE
FOLLOWING DISTANCES...46 NM SE OF A..31 NM SE OF B..34 NM E OF C..
28 NM E OF D..23 NM E OF E..AND 19 NM E OF F.

A NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN F AND G..WITH AN INSIDE FRONT 57 NM E OF F AND
38 NM E OF G.

DATA ARE CURRENT EXCEPT BETWEEN L AND O AND BETWEEN R AND U.
POSITIONS IN THESE TWO AREAS BASED ON DATA FROM 01 MAR 82.

BAIG

1982 MAR -3 AM 11:40

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **05 MAR 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.

215864 220864 230868 235871 244874
 251880 262876 265870 265865 264860
 265850 266841 260840 255840 245844
 236845 234843 234836 238830 238826
 244822 245811 247803 254799 260799//

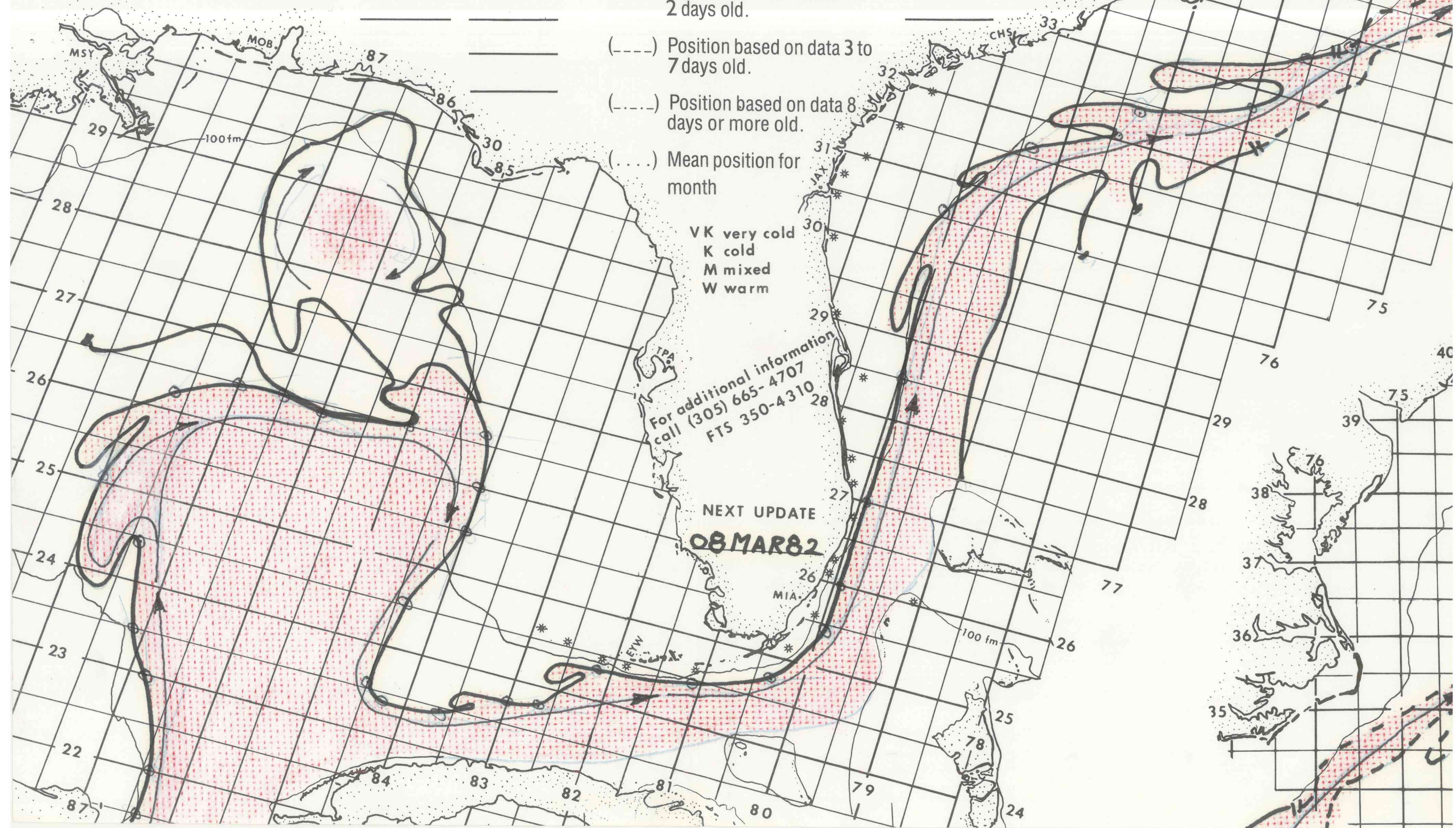
270799 285800 306801 316794 321784
 324782 328770 336766 339761 345757
 355741 355728 367720 375709 36
 373693 380682 383671// *SLP*

- (——) 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

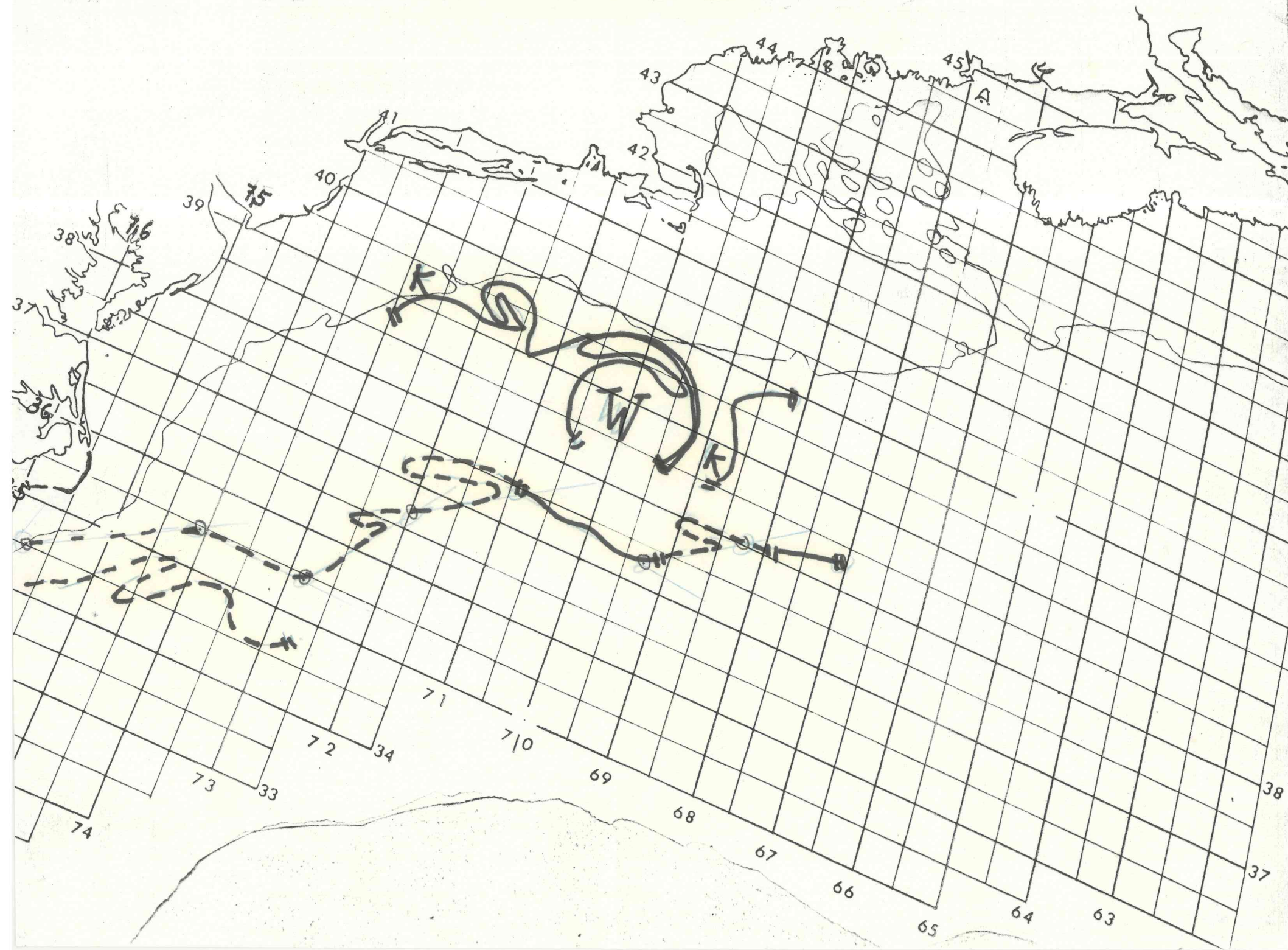
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
08 MAR 82



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



NNNN

↓↓A

ZCZC WBC398

SXNT1 KWBC 051930

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

27.0/79.9	28.5/80.0	30.6/80.0	31.5/79.4
32.4/78.2	32.3/77.0	33.6/76.6	33.9/76.1
34.5/75.7	35.5/74.1	35.7/72.8	36.2/72.0
37.2/72.0	37.3/70.9	37.3/69.3	38.1/67.8
37.9/66.5	38.4/65.0		

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

COLD EDDIES 35.9/70.8/45 NMI DIAM

36.4/66.9/45 NMI DIAM

34.0/71.4/55 NMI DIAM

28.7/76.0/60 NMI DIAM

WARM EDDIES 39.2/72.0/55 NMI DIAM

39.0/69.8/75 NMI DIAM

39.8/65.8/60 NMI DIAM

LATEST SATELLITE DATA 3/5/82 1200Z

1982 MAR -5 AM 10: 53

NNNN

ZCZC WTAQI WMTA

TRVYAA KMIA 051630

WTAQI WMTA

MIAMI SFSR ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
05 MAR 1982.

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

245864 228864 228864 225874 244874 251880 262876 265876 265865
264860 265850 266844 268840 255840 265844 226845 224849 224836
228830 228826 244822 245814 247809 254799 260799

DATA ARE CURRENT.

MIAMI SFSR SELECTED GULF ESTREAM DATA FOR NOAA WEATHER BATH.

074/52/W/25. 069/52/W/25. 090/47/W/25. 090/48/W/25. 072/57/W/25.
057/69/W/25. 055/50/W/25. 024/48/W/25. 124/51/W/25. 149/52/W/25.
042/41/W/25. 105/47/W/25. 009/47/W/25. 010/40/W/25. 040/34/W/25.
040/50/W/26. 044/37/W/26. 006/62/W/26. 008/65/W/26. 055/40/W/26

PERISTENT SOUTHERLY WINDS HAVE MOVED THE SHOREWARD EDGE OF THE
GULF ESTREAM TOWARDS THE 100 CM LINE IN THE SOUTHERN KEYS. WHILE
MOVING THE EDGE OFFSHORE NORTH OF D.

A NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN F AND G. WITH AN INSTANT FRONT ABOUT 12 NM SHOREWARD
OF THE 100 CM LINE IN THIS REGION.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM SOUTHEAST OF A AND EAST OF C.

A SERIES OF SMALL MEANDERS IS OBSERVED ALONG THE SHOREWARD EDGE OF
THE GULF ESTREAM FROM S TO SOUTHEAST OF H.

DATA ARE CURRENT.

DATA

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **08 MAR 1982**

215864 220864 231869 238874 250876
 256878 263875 265866 264861 265848
 266842 259840 254841 245844 240845
 236844 234842 234837 240825 244820
 246810 249802 255800 260800/

270800 275799 307800 315795 322781
 332765 344758 355740 355730 363720
 374710 375705 373694 384667/814

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.

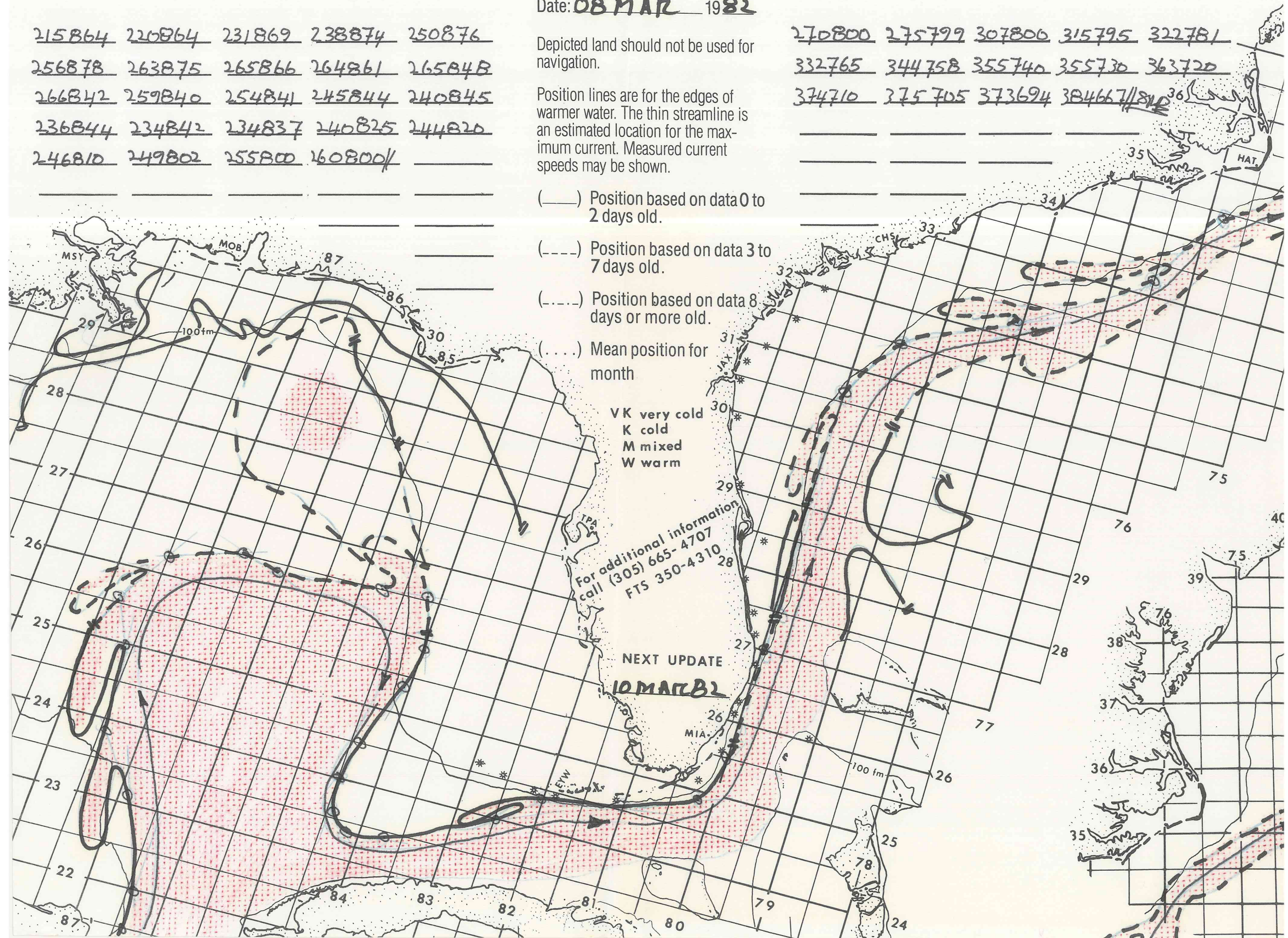
- (——) Position based on data 0 to 2 days old.
- (- - - -) Position based on data 3 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

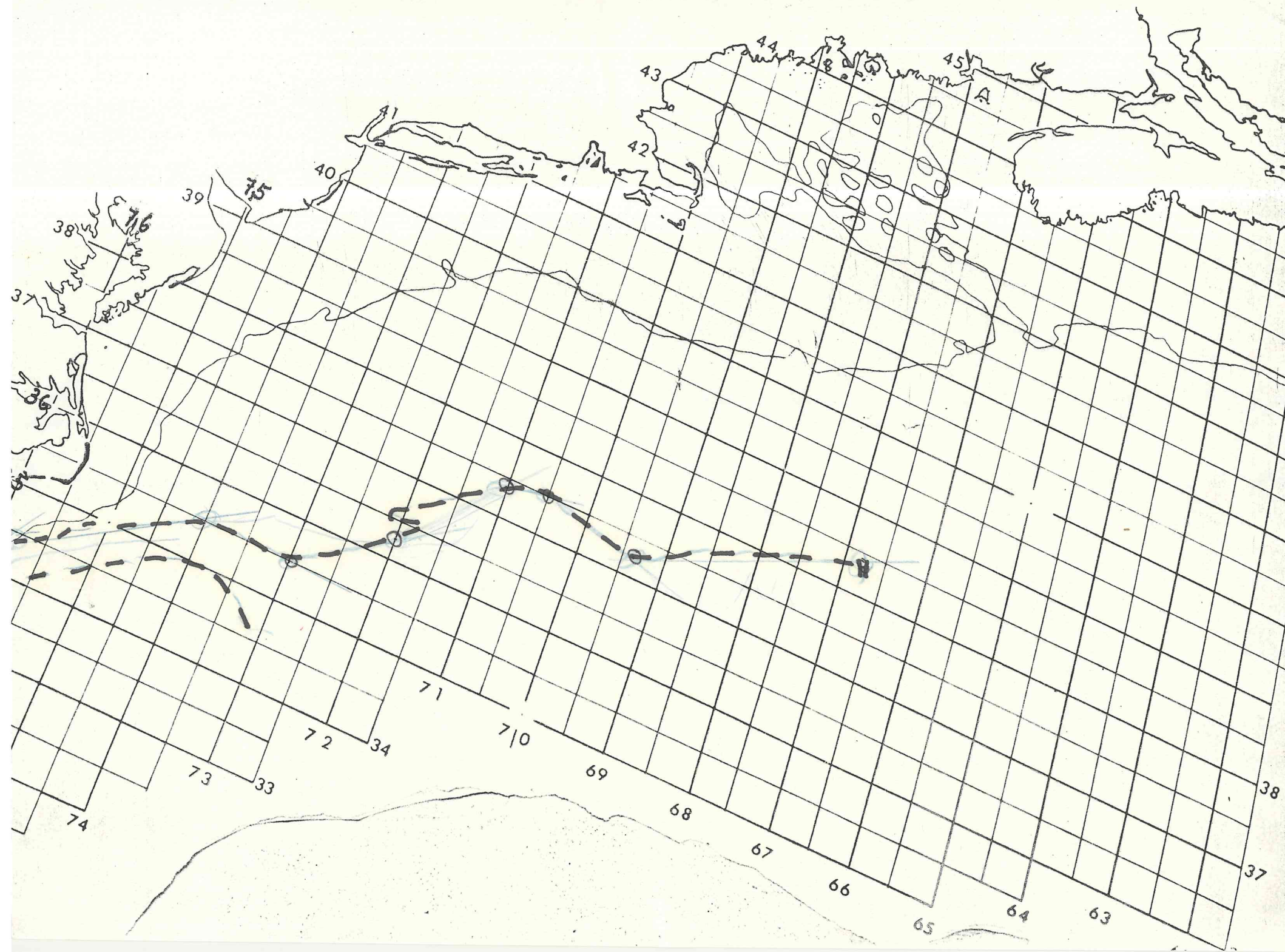
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

10 MAR 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 08 MAR 1982, PART B



NNNN↓↓A
ZCZC WBC116
SXNT1 KWBC 082030

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

27.0/79.9	28.5/80.0	30.6/80.0	31.5/79.4
32.4/78.2	32.3/77.0	33.6/76.6	33.9/76.1
34.5/75.7	35.5/74.1	35.7/72.8	36.2/72.0
37.2/72.0	37.3/70.9	37.3/69.3	38.1/67.8
37.9/66.5	38.4/65.0		

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

COLD EDDIES	35.9/70.8/45 NMI DIAM.	36.4/66.9/45 NMI DIAM.
	34.0/71.4/55 NMI DIAM.	28.7/76.0/60 NMI DIAM.
WARM EDDIES	39.2/72.0/55 NMI DIAM.	39.0/69.8/75 NMI DIAM.
	39.8/65.8/60 NMI DIAM.	

LATEST SATELLITE DATAO 3/8/82 1200Z

WNNNJJJA

ZCZC WBC081

TBXX40 KMIA 081630

TMIAGLMM IA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

08 MAR 1982.

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

215864 220864 231869 238874 250876 256878 263875 265866 264861
265848 266842 259840 254841 245844 240845 236844 234842 234837
240825 244820 246810 249802 255800 260800.

DATA ARE CURRENT ONLY IN PORTIONS SOUTH OF 26 N.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO5..

A71/50/M/25. B71/62/M/25. C78/48/M/25. D82/48/M/25. E75/52/M/25.
F75/41/M/25. G54/45/M/25. H23/42/M/25. I33/49/M/25. J18/51/M/25.
K11/43/M/25. L03/50/M/25. M06/51/M/25. N06/40/M/15. O07/34/M/25.
P10/50/M/26. Q05/42/M/26. R02/66/M/26. S05/67/M/26. U53/40/M/26.

DATA ARE CURRENT ONLY FROM G THROUGH J...AND FROM O THROUGH U.

REMAINDER BASED ON POSITIONS FROM 05 MAR 82.

NARROW MEANDERS ARE OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM FROM G THROUGH I AND FROM S THROUGH U.

BAIG

1982 MAR -8 AM 11:44

WWW
7070 NTAGI NMTA

TRXX40 KMTA 001630

AMTAGI NMTA

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

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

215864 220864 231869 238874 250876 256878 263875 265866 264861
265848 266847 259848 254844 245844 240845 236844 234842 234837
240825 244828 246818 249807 255808 260808.

DATA ARE CURRENT ONLY IN PORTIONS SOUTH OF 26 N.

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

871/50/M/25. 871/62/M/25. 878/48/M/25. 882/48/M/25. 875/52/M/25.
875/41/M/25. 854/45/M/25. 822/42/M/25. 722/49/M/25. 318/51/M/25.
K11/43/M/25. 102/50/M/25. 886/51/M/25. 886/40/M/25. 887/34/M/25.
P10/50/M/26. 085/42/M/26. 802/66/M/26. 585/67/M/26. 1153/40/M/26.

DATA ARE CURRENT ONLY FROM A THROUGH J... AND FROM 0 THROUGH 11.

REMAINING BASED ON POSITIONS FROM 05 MAR 82.

NARROW MEANDERS ARE OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM FROM A THROUGH J AND FROM S THROUGH 11.

DATA

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

215864 222865 231869 240874 251877
 260876 265870 265862 262856 261849
 255845 248838 240843 236844 234840
 235830 240825 240823 244817 245810
 250803 255801 260800//

Date: 10 MAR 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.

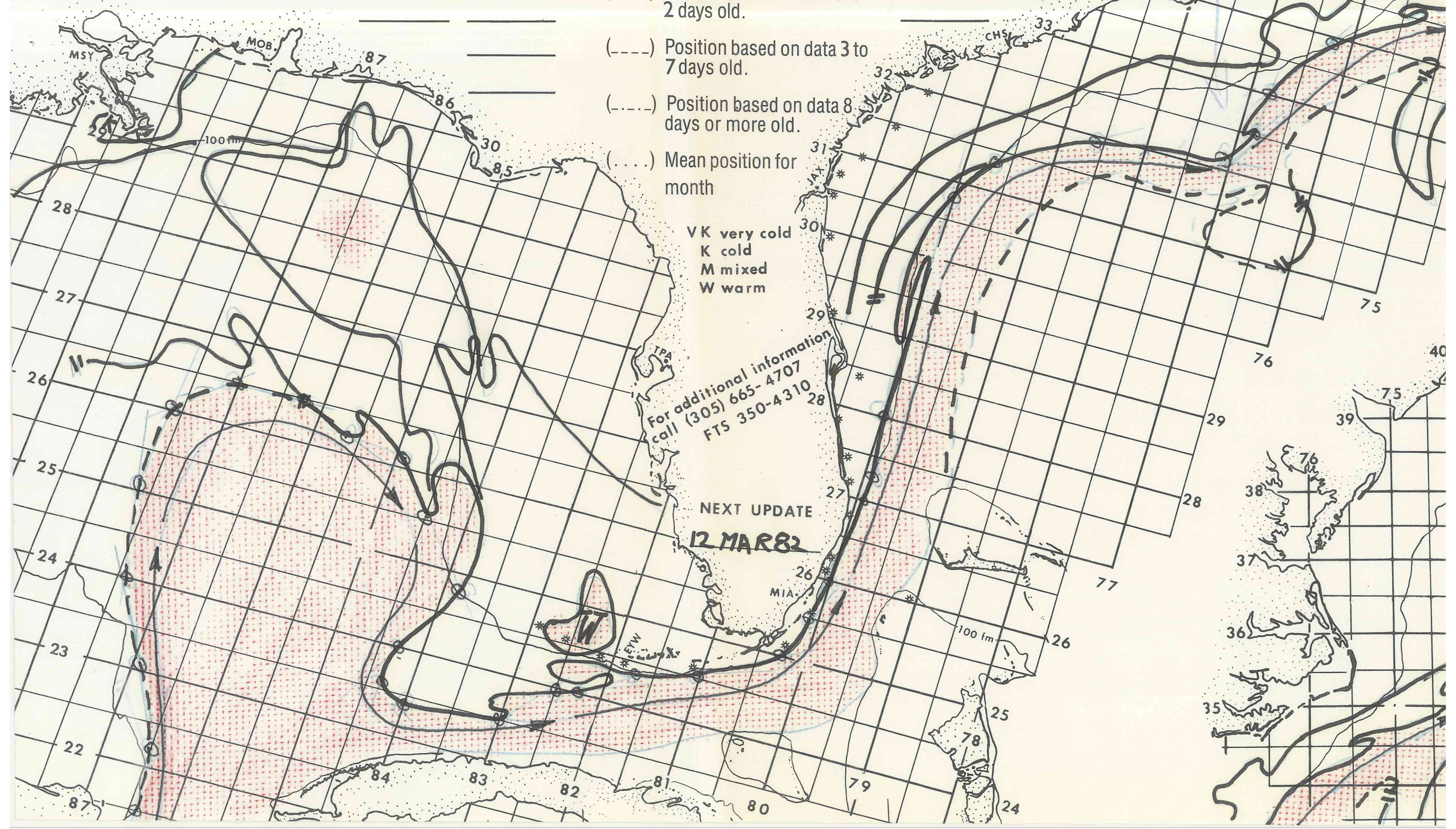
270799 273799 280800 308800 314796
 319786 321771 325768 330768 339762
 348750 350743 356737 360723 36
 3647716 376706 376698 369684
 372680 377675 381668
 381661// 814

- (——) 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

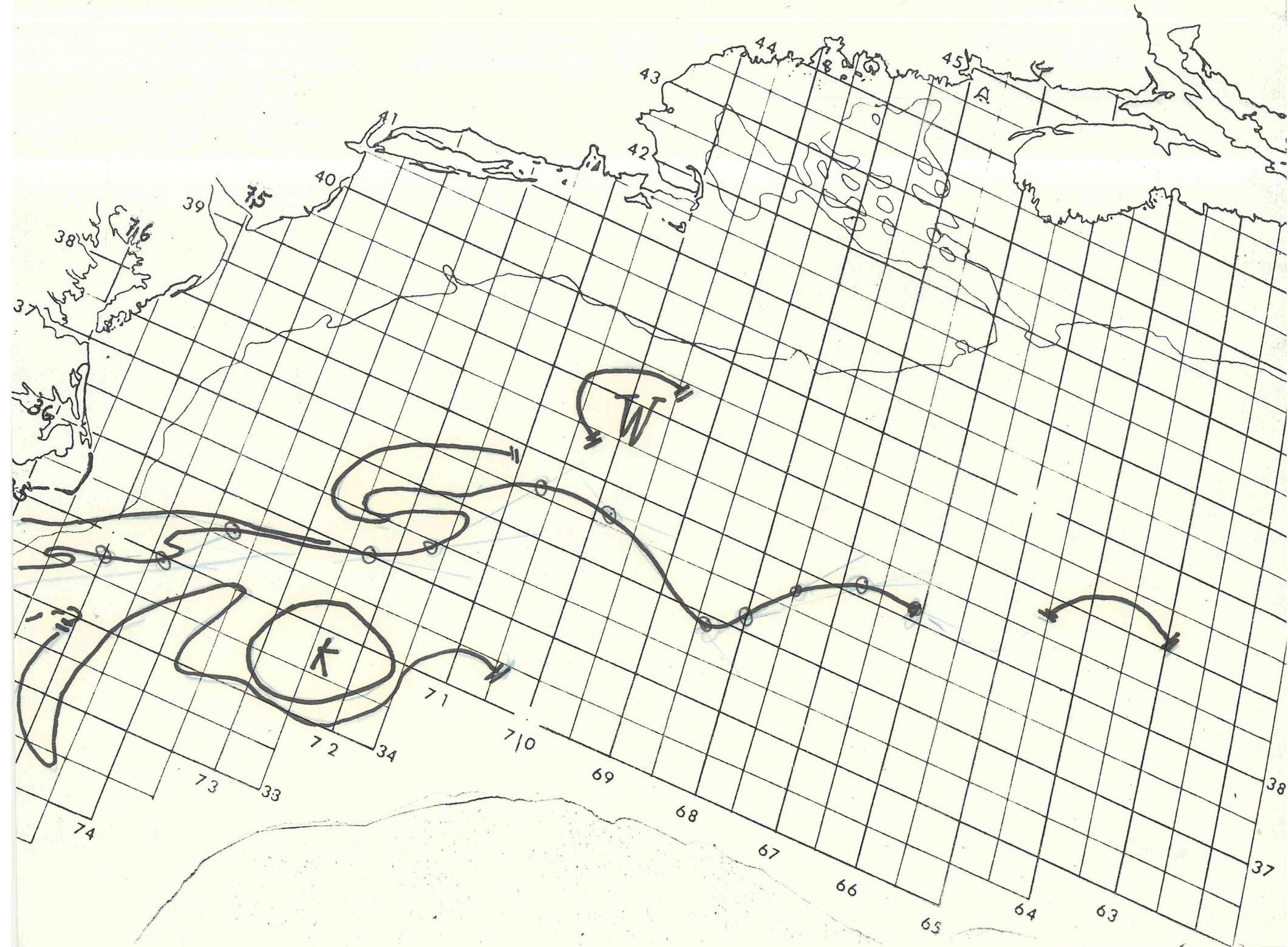
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
12 MAR 82



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



NNNN↓

V

ZCZC

SXNT 1 KWBC 102035

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

27.0/79.9	27.3/79.9	28.0/80.0	30.8/80.0
31.4/79.6	31.8/78.6	32.2/77.6	33.0/77.0
33.9/76.2	34.8/75.0	35.0/74.5	35.7/73.7
36.1/72.3	36.4/71.6	37.4/71.0	37.6/70.6
37.6/69.8	37.2/68.4	38.0/67.0	38.0/66.0
37.7/65.0			

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

COLD EDDIES 34.6/72.4/75 NMI DIAM
WARM EDDIES 38.5/72.0/55 NMI DIAM
39.0/70.0/60 NMI DIAM
40.3/66/3/50 NMI DIAM

LATES SATELLITE DATA 3/10/82 1200Z

NNNN↓

NNNN
7070 NTAGI NMTA

1982 MAR 10 PM 1:07

TRXX40 KNTA 104745

NTAGI NMTA

NTANT SERS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
10 MAR 1982.

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

245864 222865 231869 240874 251877 260876 265878 265862 262856
261849 255845 248828 240842 236844 234840 235828 240825 240823
244817 245810 250802 255804 260800.

DATA ARE CURRENT ONLY IN PORTIONS SOUTH AND EAST OF 265862.

NTANT SERS SELECTED GULF STREAM DATA FOR NOAA WEATHER DATA...

868/54/W/25. 868/67/W/25. 074/55/W/25. 076/54/W/25. 072/56/W/25.
072/42/W/25. 055/44/W/25. 025/44/W/25. 120/47/W/25. 318/54/W/25.
414/40/W/25. 105/50/W/25. 005/50/W/25. 005/42/W/25. 000/44/W/26.
002/55/W/26. 004/44/W/26. 006/60/W/26. 522/46/W/26. 047/44/W/26.

DATA ARE CURRENT.

NARROW MEANDERS ARE OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM FROM G THROUGH I AND FROM S THROUGH H... WITH INSTAB FRONTS
58 NM E OF E AND 42 NM E OF G... AND 05 NM S OF S.

A MAJOR INSTAB FRONT IS OBSERVED BETWEEN THE COAST AND THE SHOREWARD
EDGE OF THE GULF STREAM AT THE FOLLOWING DISTANCES... 39 NM SE OF A...
34 NM SE OF B... 35 NM E OF C... 40 NM E OF D... 34 NM E OF E... 22 NM E OF
F... AND 10 NM E OF G.

DATA

NNNN↓↓A
ZCZC WBC5425
SXNTI KWPC 102035
GULF STREAM LOCATION THE LINE DESCRIBED BY THE

F

0

SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM. ALLOWING

27.0/79.9	27.3/79.9	28.0/80.0	30.8/80.50
31.4/79.6	31.8/78.6	32.2/77.6	33.0/77.50
33.9/76.2	34.8/75.0	35.0/74.5	35.7/73.7
36.1/72.3	36.4/71.6	37.4/71.0	37.6/70.56
37.6/69.8	37.2/68.4	38.0/67.0	38.0/66.0
37.7/65.0			

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

COLD EDDIES	34.6/72.4/75	NMI DIAM
WARM EDDIES	38.5/72.0/55	NMI DIAM
T	39.0/70.0/60	NMI DIAM
T	40.3/66/3/50	NMI DIAM

DATES SATELLITE DATA 3/10/82 1200Z

NNNN

Date: 12 MAR 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.

216864 218864 227868 235872 243881
 247881 255875 263874 270874 269867
 265860 261855 259848 253843 249839
 244840 240843 235843 234840 235830
 234826 244815 249802 252801 260800

270799 281799 294801 309800 314796
 320785 321771 323769 334766 340760
 350743 355733 362719 376706 36
 376704 371686 373681 378673
 381664 380659 376649
 379641 393633
 385628 // SDP

(——) Position based on data 0 to 2 days old.

(- - - -) Position based on data 3 to 7 days old.

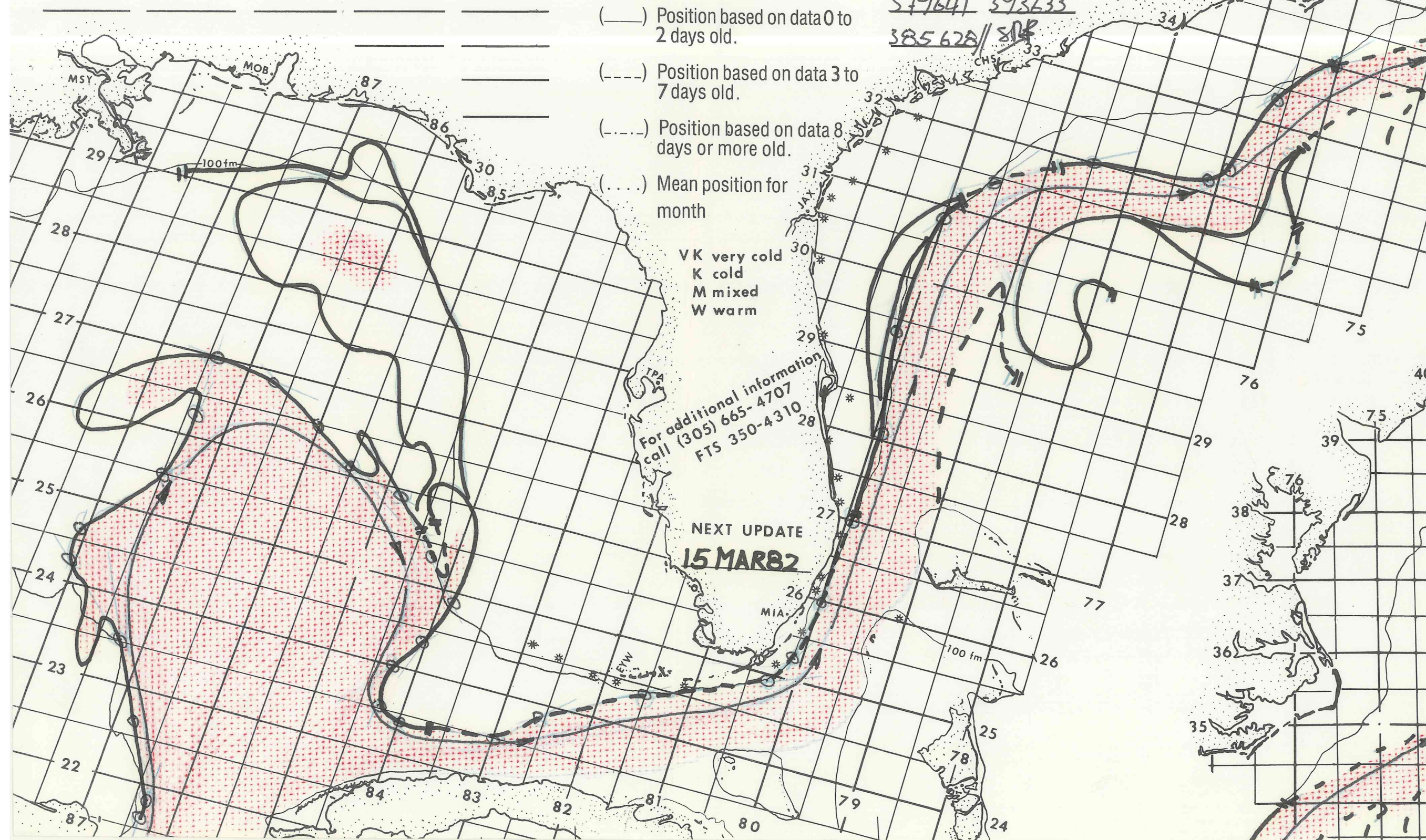
(.....) Position based on data 8 days or more old.

(.....) Mean position for month

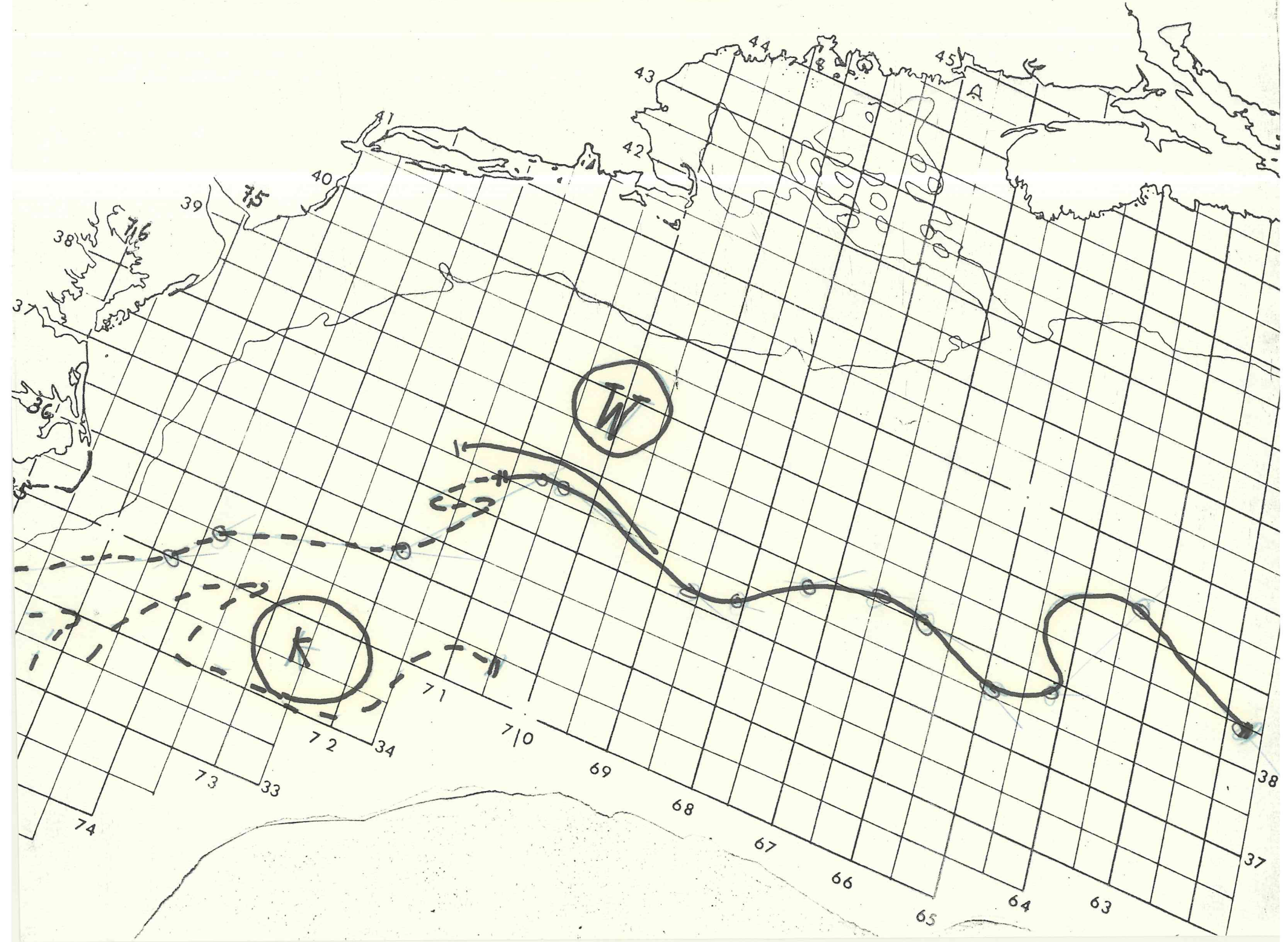
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
15 MAR 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 12 MAR 1982 PART B



NNNN↓↓A
ZCZC WBC987

SXNTI KWBC 122115

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

27.0/79.9	28.1/79.9	29.4/80.1	30.9/80.0
31.4/79.6	32.0/78.0	33.0/77.0	34.0/76.0
35.8/74.0	36.0/72.1	37.2/71.1	38.0/71.0
38.3/70.4	37.1/68.1	37.1/67.7	38.0/66.7
38.0/65.4	37.7/65.0		

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

COLD EDDIES 34.6/72.5/65NMI DIAM 36.8/62.7/55NMI DIAM

WARM EDDIES 38.6/72.4/55NMI DIAM 39.2/70.0/70NMI DIAM
39.9/66.0/70NMI DIAM 41.3/63.2/65NMI DIAM
40.8/56.8/60NMI DIAM

LATES SATELLITE DATA 3/12/82 8200Z

NNNN↓

ZCZC

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

27.0/79.9	28.1/79.9	29.4/80.1	30.9/80.0
31.4/79.6	32.0/78.0	33.0/77.0	34.0/76.0
35.8/74.0	36.0/72.1	37.2/71.1	38.0/71.0
38.3/70.4	37.1/68.1	37.1/67.7	38.0/66.7
38.0/65.4	37.7/65.0		

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

COLD EDDIES 34.6/72.5/65NMI DIAM 36.8/62.7/55NMI DIAM

WARM EDDIES 38.6/72.4/55NMI DIAM 39.2/70.0/70NMI DIAM
39.9/66.0/70NMI DIAM 41.3/63.2/65NMI DIAM
40.8/56.8/60NMI DIAM

LATEST SATELLITE DATA 3/12/82 1200Z

NNNN↓

NNNN

↓↓A
ZCZC WBC957
TBXX40 KMIA 121615
↑MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
12 MAR 1982.

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

216864 218864 227868 235872 243881 247881 255875 263874 270874
269867 265860 261855 259848 253843 249839 244840 240843 235843
234840 235830 234826 244815 249802 252801 260800.

DATA ARE CURRENT...EXCEPT EAST OF 234840 FROM 10 MAR 82.

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

A69/60/M/25. B70/69/M/25. C75/67/M/25. D79/67/M/25. E75/67/M/25.
F66/51/M/25. G49/45/M/25. H23/38/M/25. I32/45/M/25. J19/52/M/25.
K12/40/M/25. L05/49/M/26. M05/50/M/26. N06/40/M/26. O05/35/M/26.
P05/52/M/26. Q04/44/M/26. R13/53/M/26. S23/47/M/26. U66/27/M/26.

DATA ARE CURRENT ONLY NORTH OF L. REMAINDER ARE FROM 10 MAR 82.
COMPLICATED MEANDER FIELD IS OBSERVED ALONG THE SHOREWARD EDGE OF
THE GULFSTREAM FROM C THROUGH I.

A MAJOR INSIDE FRONT IS OBSERVED BETWEEN THE COAST AND THE SHOREWARD
EDGE OF THE GULFSTRE

NNNN

1982 MAR 12 AM 11:37

NNNN
7070 NITAGI NNTA

TRXX40 KNIA 121615
NITAGI NNTA
NITANT SERS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
12 MAR 1982.

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

216964 218964 227964 235972 243991 247991 255975 263974 270974
269967 265960 261955 259949 253943 249939 244940 240943 235943
234940 225930 224926 244915 249902 252901 260900.

DATA ARE CURRENT... EXCEPT EAST OF 234940 FROM 10 MAR 82.

NITANT SERS SELECTED GULF ESTREAM DATA FOR NOAA WEATHER BATHO...

869/60/M/25. 870/69/M/25. 075/67/M/25. 079/67/M/25. 075/67/M/25.
066/51/M/25. 049/45/M/25. 423/38/M/25. 132/45/M/25. 319/52/M/25.
K12/40/M/25. 105/49/M/26. 085/50/M/26. 086/40/M/26. 085/35/M/26.
085/52/M/26. 084/44/M/26. 013/53/M/26. 523/47/M/26. 066/27/M/26.

DATA ARE CURRENT ONLY NORTH OF I. REMAINDER ARE FROM 10 MAR 82.

COMPLICATED MEANING FIELD IS OBSERVED ALONG THE SHOREWARD EDGE OF
THE GULF ESTREAM FROM C THROUGH I.

A MAJOR INSTAB FRONT IS OBSERVED BETWEEN THE COAST AND THE SHOREWARD

EDGE OF THE GULF ESTREAM AT THE FOLLOWING DISTANCES... 53 NM SE OF R..

63 NM E OF C.. 61 NM E OF D.. 53 NM E OF E.. 40 NM E OF F.. 30 NM E OF
G.. AND 15 NM E OF H.

DATA

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 15 MAR 1982

215864 222864 225865 232872 243876
250881 260875 267870 267865 263855
262850 255844 250843 243842 235841
235839 238830 242823 243819 244817
245813 248805 252803 256801 260800 //

270800 280800 305802 316795 320790
323772 328767 340762 343757 348752
358737 366722 365715 372710 36
381704 382693 372684 369678 35
380670 382660 380653 34
377648 375639 // SRF

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.

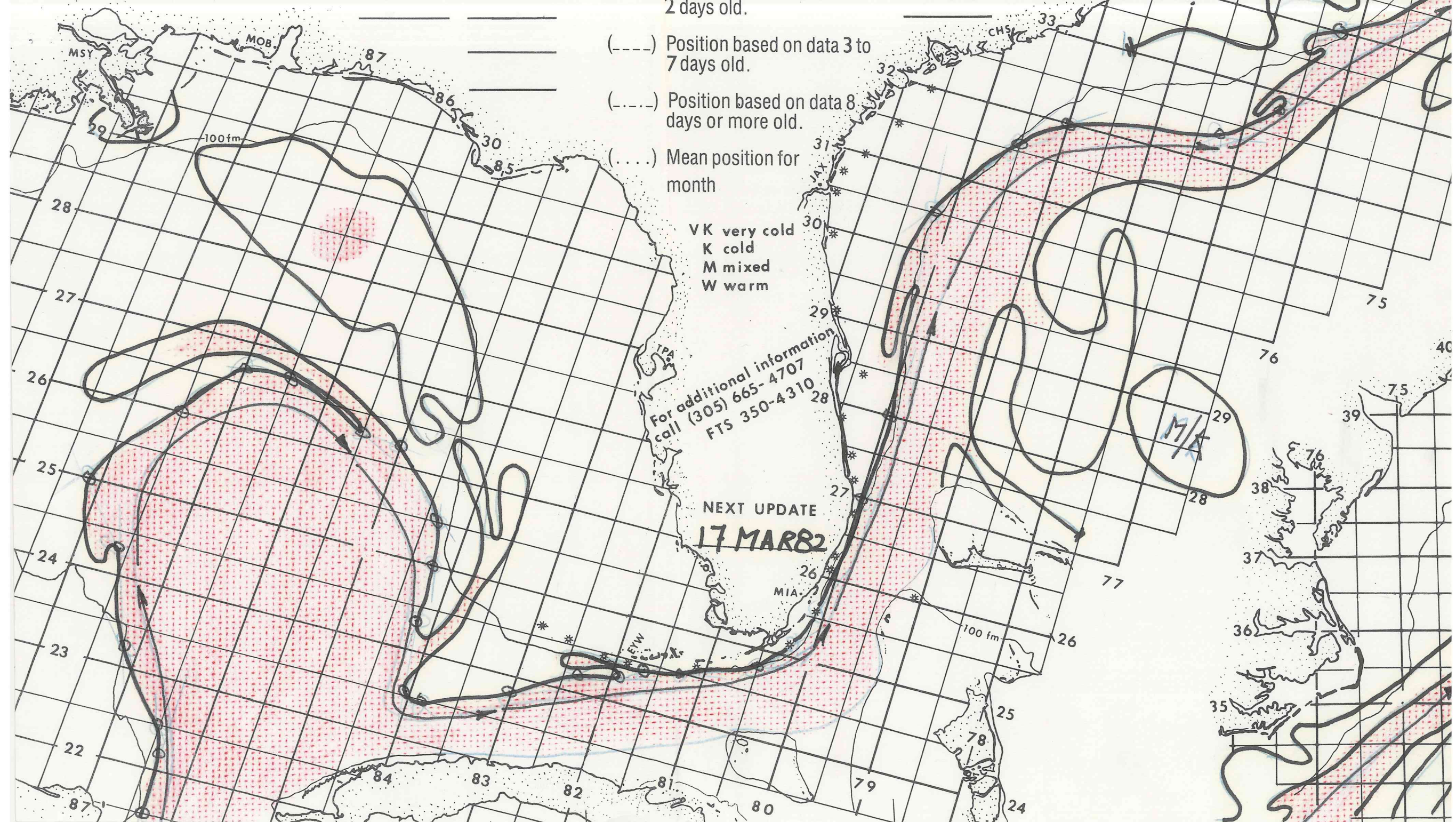
- (——) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

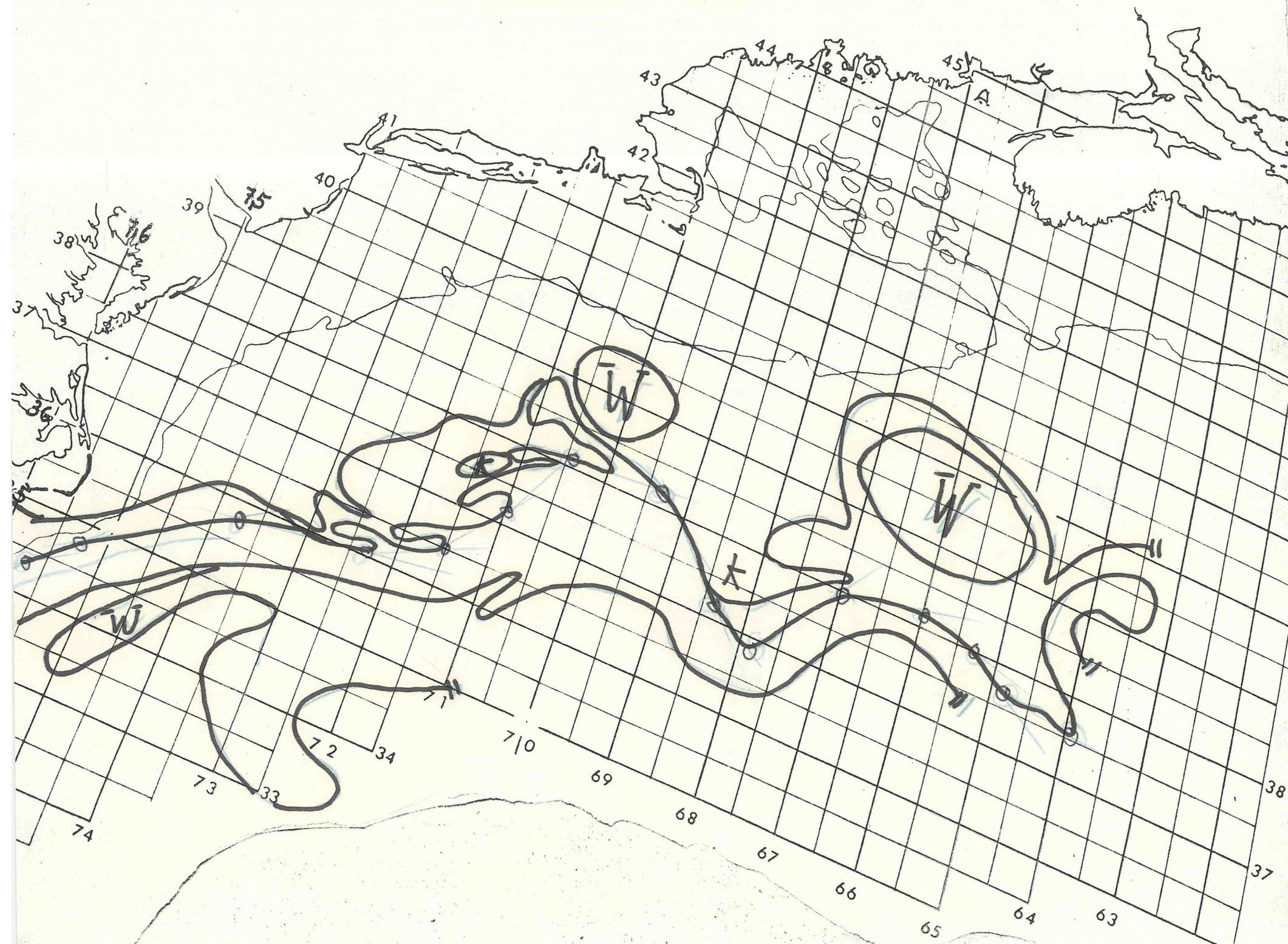
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

17 MAR 82



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



NNNN↓1A
ZCZC WBC691
TRXX40 KMIA 151430
↑MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP: CURRENT
15 MAR 1982.

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

215864 222864 225865 232872 243876 250881 260875 267870 267865
263855 262850 255844 250843 243842 235841 235839 238830 242823
243819 244817 245813-7

9 52803 256801 260800.

DATA ARE CURRENT.

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

A65/84/M/25. B62/88/M/25. C72/75/M/25. D73/76/M/25. E65/80/M/25.
F52/80/M/25. G50/55/M/25. H23/52/M/25. I32/44/M/25. J18/45/M/25.
K10/43/M/25. L03/49/M/26. M06/50/M/26. N05/43/M/26. O00/40/M/26.
P00/59/M/26. Q02/46/M/26. R03/63/M/26. S13/55/M/26. U46/46/M/26.

DATA ARE CURRENT.

A NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT G..WITH AN INSIDE FRONT 36 NM E OF G.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM FROM JUST WEST OF R TO NEAR T..WITH AN INSIDE FRONT NEAR THE
100 FM LINE.

BAIG

NNNN

7070 NTAGI MMTA

1982 MAR 15 PM 1:47

TRXXAA KMTA 151430

AMTAGI MMTA

MIAMI SECS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

15 MAR 1982

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

245864 222864 225865 222872 247876 250884 248875 247878 247865
242855 242858 255844 250842 249842 225841 225839 228838 242829
242819 244817 245812 248895 252882 256884 248888

DATA ARE CURRENT.

MIAMI SECS SPECIFIED GULF STREAM DATA FOR NOAA WEATHER BATHY...

865/84/M/25. 862/88/M/25. 872/75/M/25. 872/76/M/25. 865/88/M/25.
852/88/M/25. 858/55/M/25. 422/52/M/25. 122/44/M/25. 242/45/M/25.
148/42/M/25. 102/49/M/26. 106/50/M/26. 105/42/M/26. 088/48/M/26.
088/59/M/26. 082/46/M/26. 082/62/M/26. 512/55/M/26. 1146/46/M/26.

DATA ARE CURRENT.

A NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT R, WITH AN INTRUSION FRONT 26 NM E OF R.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM FROM JUST WEST OF R TO NEAR T, WITH AN INTRUSION FRONT NEAR THE
100 CM LINE.

DATA

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 17 MAR 1982

215864 220865 230869 240875 245877
248881 254881 258878 262872 265868
268864 269858 264853 257845 250842
240841 235839 234835 235832 243823
244815 249804 255800 260800 // _____

270800 293800 301802 318794 322786
324777 327770 341761 344756 348753
358736 360723 366714 378707 36
382699 381692 372683 372673
379671 385664 386656
372631 // 8120

Depicted land should not be used for navigation.

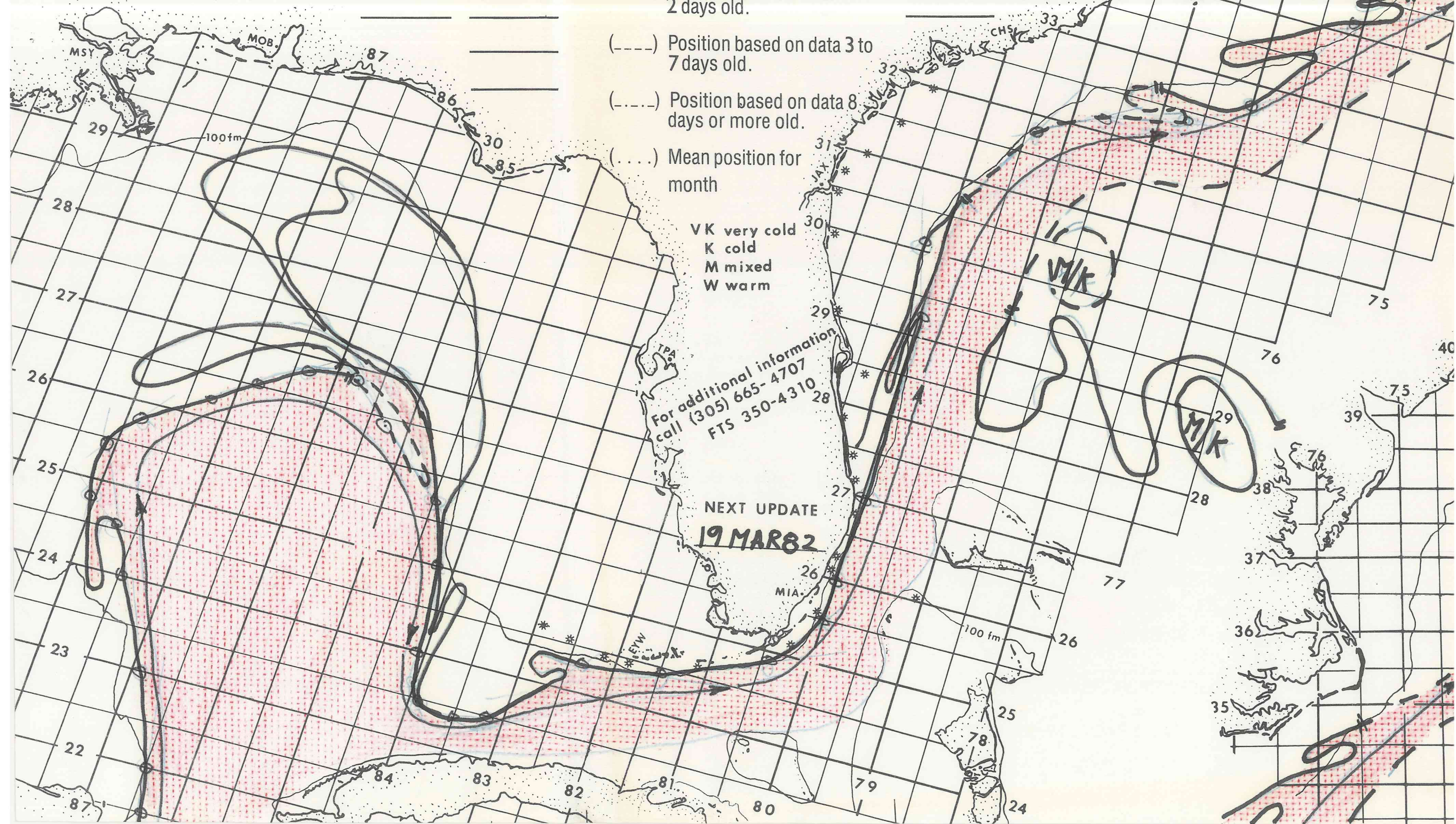
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (____) 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

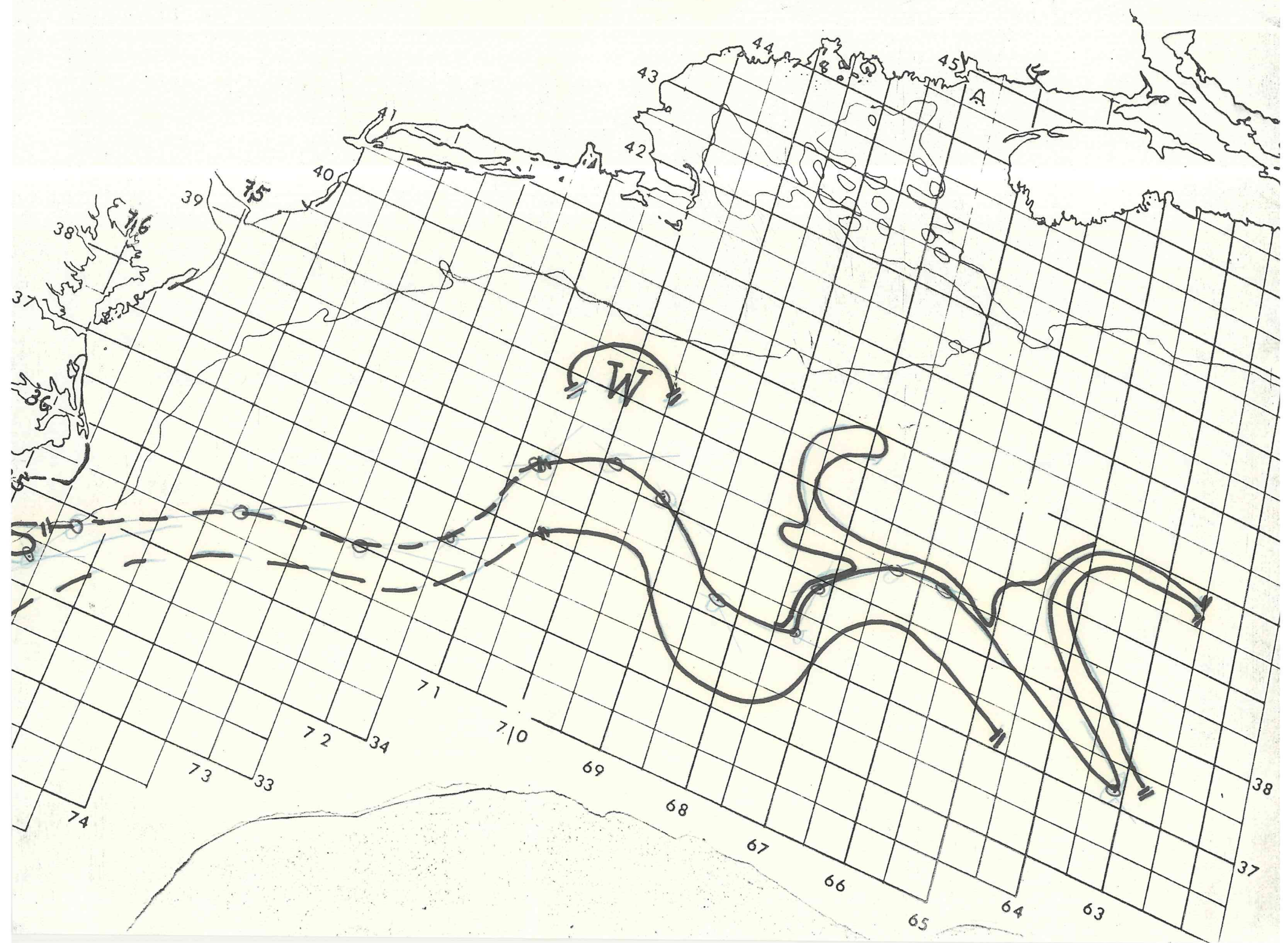
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
19 MAR 82



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



NNNN↓↓A
ZCZC WBC143
TEXX40 KMIA 171445
↑MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
17 MAR 1982.

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

215864 220865 230869 240875 245877 248881 254881 258878 262872
265868 268864 269858 264853 257845 250842 240841 235839 234835
235832 243823 244815 249804 255800 260800.

DATA ARE CURRENT.

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

A76/66/M/25. B74/87/M/25. C82/61/M/25. D83/64/M/25. E80/65/M/25.
F75/59/M/25. G57/49/M/25. H25/53/M/25. I30/49/M/25. J17/50/M/25.
K11/40/M/26. L04/50/M/26. M05/49/M/26. N05/41/M/26. O05/35/M/26.
P03/57/M/26. Q02/46/M/26. R05/57/M/26. S08/60/M/26. U56/35/M/26.

DATA ARE CURRENT.

A NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT G.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM FROM JUST WEST OF R TO NEAR T..WITH AN INSIDE FRONT NEAR THE
100 FM LINE.

BAIG

NNNNZCZC

SXNT1 KWBC 171955

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

27.0/80.0	29.3/80.0	30.1/80.2	31.8/79.4
32.3/78.6	32.6/77.7	32.5/77.0	34.0/76.0
34.4/75.6	34.8/75.3	35.8/73.6	36.0/72.3
36.6/71.4	37.8/70.7	38.2/69.9	38.1/69.2
36.8/68.3	37.2/67.6	37.9/67.1	38.4/66.4
38.0/65.0			

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

COLD EDDIESO

36.0/66.4/55 NMI. DIAM. 35.4/71.3/30 NMI. DIAM. 33.8/71.8/85 NMI. DIAM.
33.2/73.8/40 NMI. DIAM. 30.2/78.5/55 NMI. DIAM. 28.8/76.3/85 NMI. DIAM.

WARM EDDIESO

38.6/72.1/40 NMI. DIAM. 39.3/70.0/65 NMI. DIAM. 39.6/66.4/85 NMI. DIAM.

LATEST SATELLITE DATAO 3/17/82 1200Z

NNNN

7070 MIAMI MM1A

TRVYAD KM1A 171445

AMTQOI MM1A

MIAMI SERS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

17 MAR 1982

1982 MAR 17 AM 10:00

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

245000 220005 230000 240075 245077 240000 250000 250070 240070
245000 240000 240050 240050 257005 250000 240000 235000 230000
235000 240000 240015 240000 255000 240000

DATA ARE CURRENT.

MIAMI SERS SELECTED SHELF DATA FOR NOAA WEATHER PARTS . . .

070/00/M/25, 070/07/M/25, 080/01/M/25, 080/04/M/25, 080/05/M/25,
075/09/M/25, 057/09/M/25, 025/03/M/25, 120/09/M/25, 117/00/M/25,
041/00/M/26, 100/00/M/26, 005/09/M/26, 005/01/M/26, 005/05/M/26,
000/07/M/26, 000/00/M/26, 005/07/M/26, 000/00/M/26, 050/05/M/26.

DATA ARE CURRENT.

A NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT A.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM FROM JUST WEST OF B TO NEAR T, WITH AN INTRUDE FRONT NEAR THE
100 FM LINE.

DATA

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 19 MAR 1982

215864 220864 232870 240876 245881
255877 260875 265870 270860 266849
255845 244843 234839 234833 242824
245812 250803 255800 260800 || _____

270800 303800 317792 324777 330770
330767 339763 349752 354749 360738
365722 365712 377706 383700 36
381692 375685 372673 383668
386658 372630 || SIP

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.

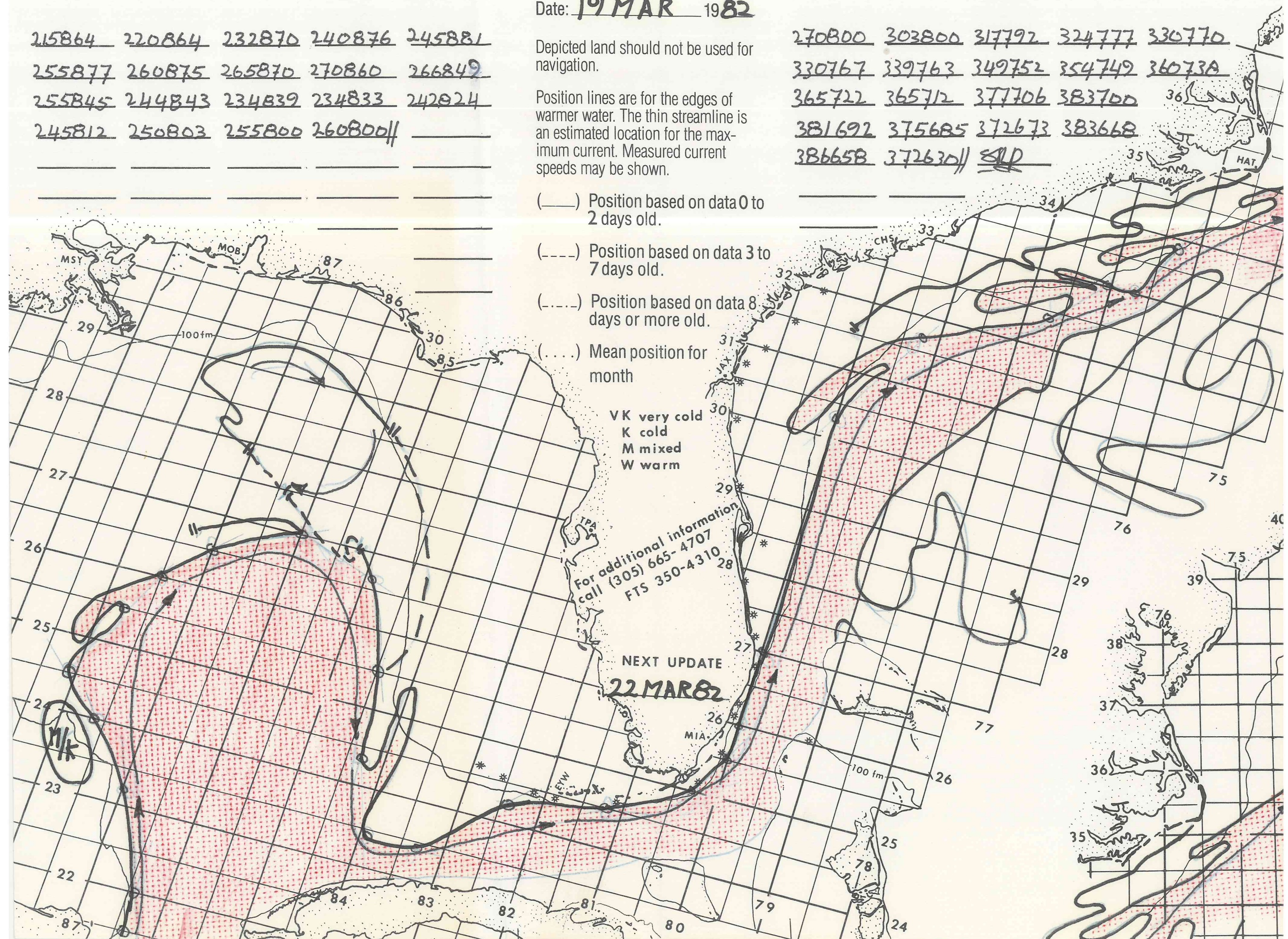
- (____) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

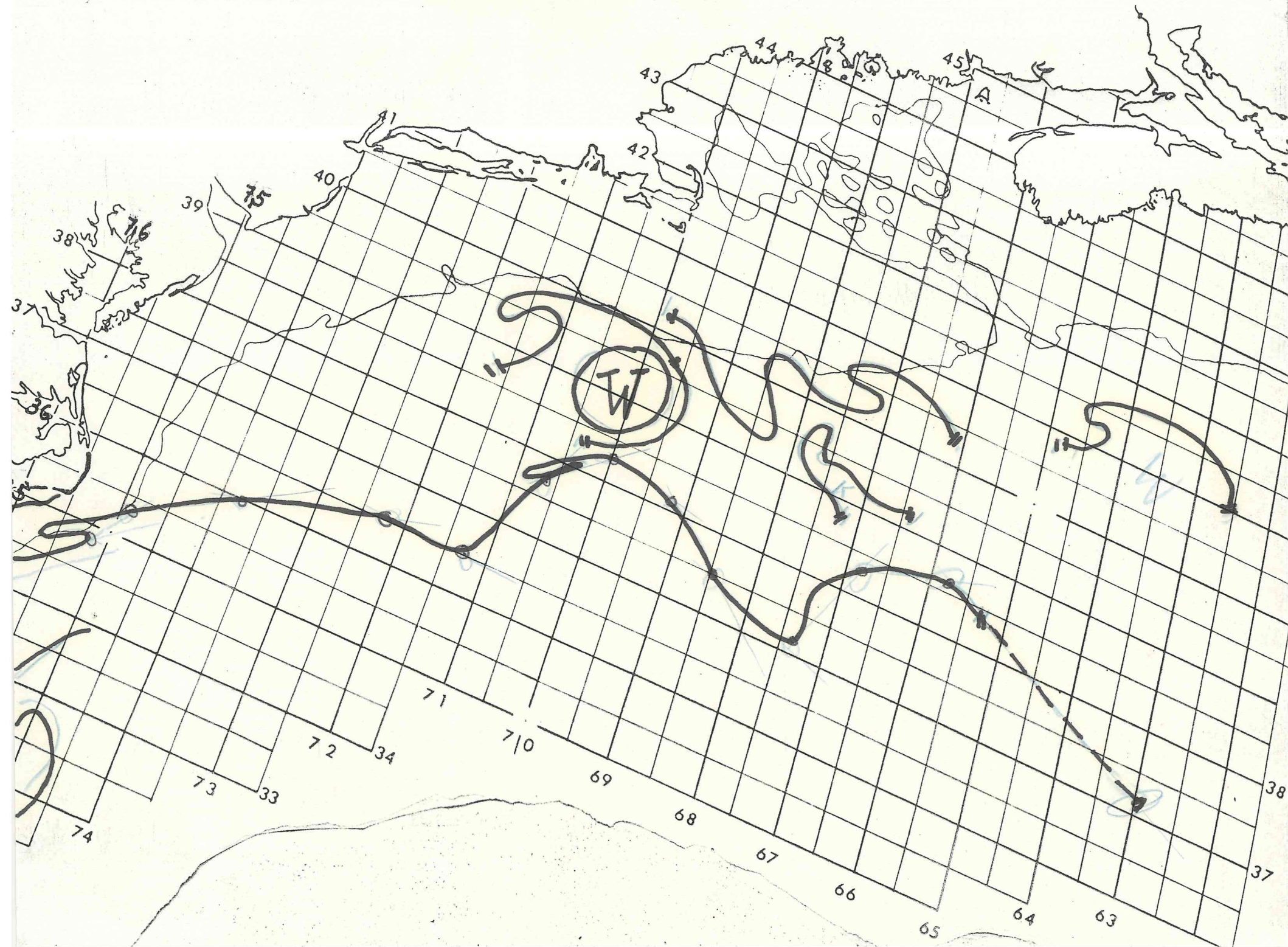
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

22 MAR 82



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



NNNN↓↓A
ZCZC WBC656
TBXX40 KMIA 191445
↑MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
19 MAR 1982.

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

215864 220864 232870 240876 245881 255877 260875 265870 270860
266849 255845 244843 234839 234833 242824 245812 250803 255800
260800.

DATA ARE CURRENT.

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

A78/80/M/25. B81/79/M/25. C89/95/M/25. D90/94/M/25. E85/92/M/25.
F74/74/M/25. G58/52/M/25. H26/46/M/25. I32/47/M/25. J18/46/M/25.
K12/41/M/26. L02/52/M/26. M05/41/M/26. N06/43/M/26. O05/43/M/26.
P02/57/M/26. Q03/43/M/26. R03/59/M/26. S07/62/M/26. U55/39/M/26.

DATA ARE CURRENT.

A MEANDER IS OBSERVED ALONG THE SHOREWA

E

1982 MAR 19 AM 9:58

7070 MIAMI WMTA

TRXVAD WMTA 191445

MIAMI WMTA

MIAMI 9599 ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

19 MAR 1982

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

245964 270964 272970 240974 245984 255977 240975 245970 270960
245949 255945 244943 274939 274933 242924 245912 250909 255900
240900

DATA ARE CURRENT

MIAMI 9599 SELECTED CURRENT DATA FOR NOAA WEATHER BATHY ...

070/00/W/75, 091/79/W/75, 099/05/W/75, 090/04/W/75, 095/02/W/75,
074/74/W/75, 050/52/W/75, 426/46/W/75, 172/47/W/75, 349/46/W/75,
412/41/W/76, 102/52/W/76, 005/41/W/76, 006/43/W/76, 005/43/W/76,
002/57/W/76, 009/43/W/76, 003/59/W/76, 907/62/W/76, 055/39/W/76

DATA ARE CURRENT

A MEANER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF STREAM
BETWEEN A AND E, WITH AN INSTANT FRONT AT THE FOLLOWING DISTANCES:

57 NM SE OF A, 51 NM SE OF B, 61 NM E OF C, 60 NM E OF D, 52 NM E
OF E, AND FRONT 42 NM E OF F.

00 FM TIME

DATA

NNNN

Date: 22 MAR 1982

215864 222865 230868 240875 244878
251878 259876 264870 269865 270860
265852 263846 255844 250843 242843
233833 234834 238829 240826 244821
245815 248806 253802 260800

270799 280800 305799 314796 321787
323776 333770 334760 342758 348752
351750 359740 365723 366710
381704 384695 372680 371673
380671 385665 386657
382650 *SAD*

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.

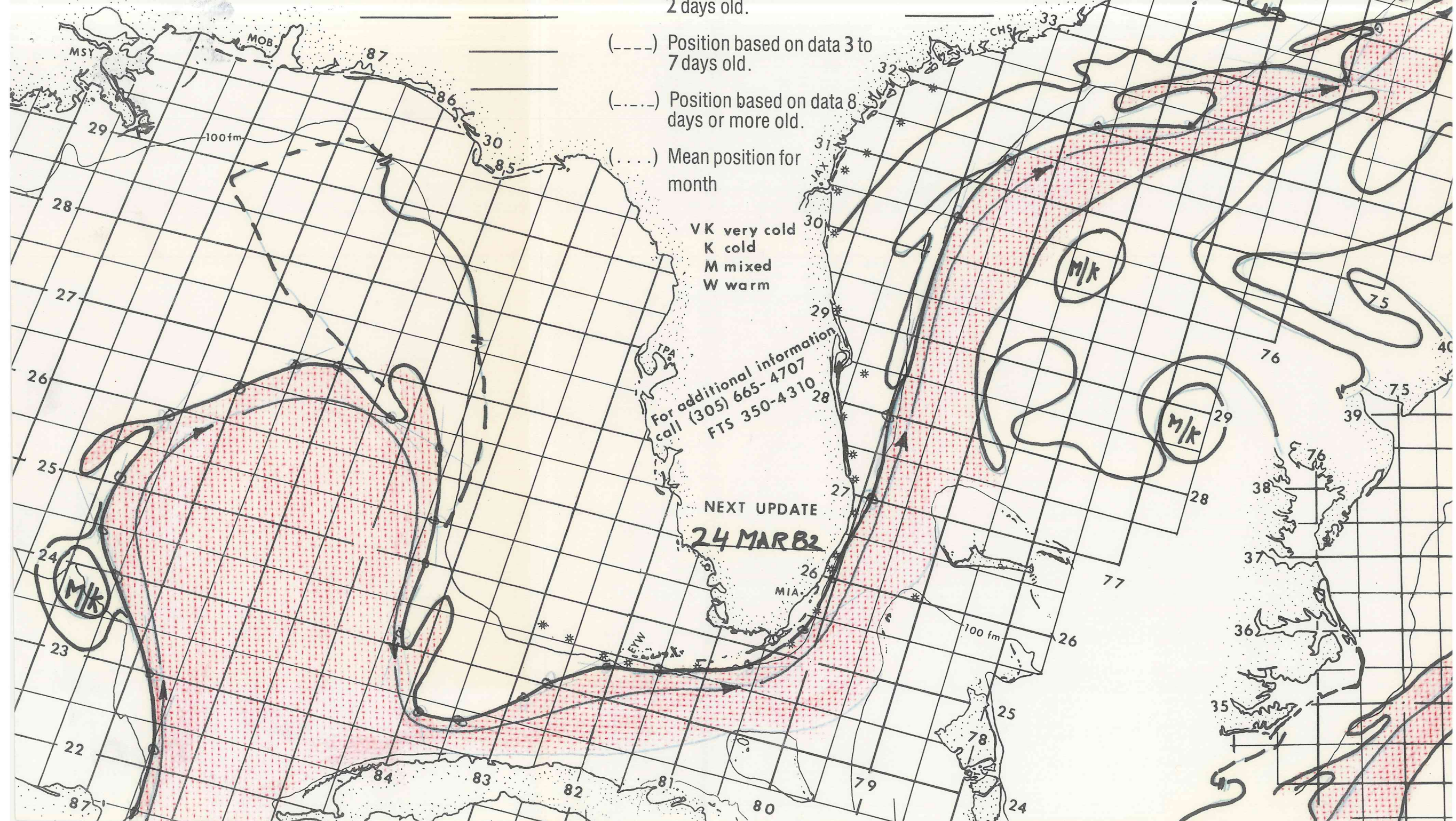
- (——) Position based on data 0 to 2 days old.
- (- - - -) Position based on data 3 to 7 days old.
- (. . . .) Position based on data 8 days or more old.
- (. . . .) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

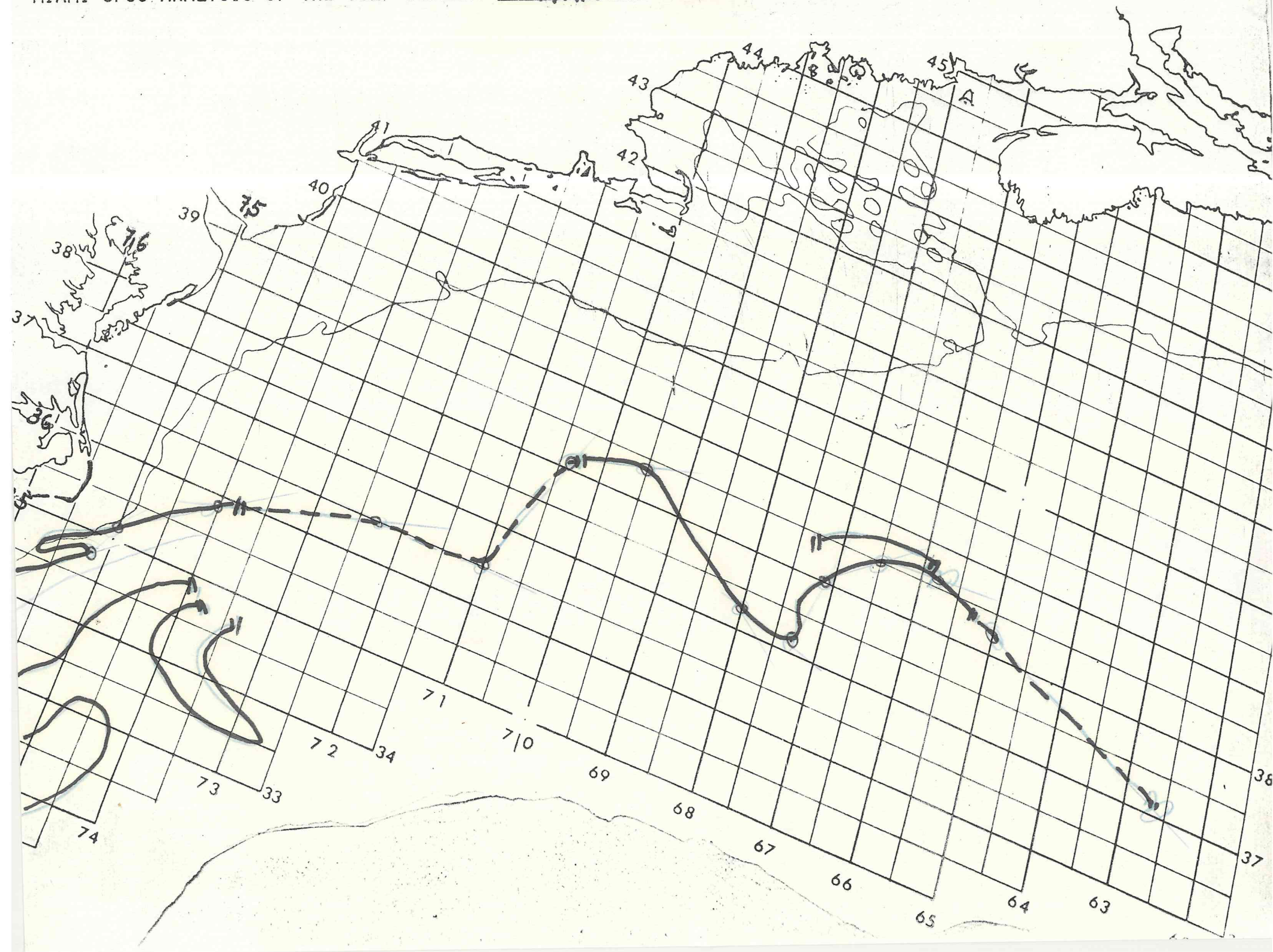
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

24 MAR 82



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



1982 MAR 22 AM 10:03

2073

NNNN

ZCZC MTA01 MNTA

TRVYDA MNTA 221445

MTA01 MNTA

MTA01 5555 ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

22 MAR 1982

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

245000 222000 220000 240075 244070 251070 259070 264070 269000
270000 265000 263000 255000 250000 242000 232000 224000 230000
240000 244000 245000 248000 252000 260000

DATA ARE CURRENT

MTA01 5555 SELECTED GULF STREAM DATA FOR NOAA WEATHER DATA

075/09/M/75 080/11/M/75 082/10/M/75 089/07/M/75 095/07/M/75
074/09/M/75 057/07/M/75 077/01/M/75 130/08/M/75 120/05/M/76
045/08/M/76 106/06/M/76 080/05/M/76 080/06/M/76 080/09/M/76
080/09/M/76 080/05/M/76 080/01/M/76 080/07/M/76 115/08/M/77

DATA ARE CURRENT

THESE POINTS ARE OBSERVED BETWEEN THE COAST AND THE SHOREWARD EDGE
OF THE GULF STREAM AT THE FOLLOWING DISTANCES: 25 NM SE OF A
10 AND 57 NM SE OF B, 22 AND 70 NM E OF C, 25 AND 67 NM E OF D, 20
AND 59 NM E OF E, 0 NM E AND 63 NM E OF F, AND 42 NM E OF G

DATA

1982 MAR 22 AM 10:07

9072

BV

ZCZC MIAGLMMIA

TBXX40 KMIA 221445

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

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

215864 222865 230868 240875 244878 251878 259876 264870 269865
270860 265852 263846 255844 250843 242843 233833 234834 238829
240826 244821 245815 248806 253802 260800.

DATA ARE CURRENT.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
A 75/69/M/25. B 80/71/M/25. C 82/70/M/25. D 89/62/M/25. E 85/62/M/25.
F 74/58/M/25. G 57/43/M/25. H 27/51/M/25. I 38/68/M/25. J 20/45/M/26.
K 15/38/M/26. L 06/46/M/26. M 04/55/M/26. N 04/46/M/26. O 00/39/M/26.
P 00/59/M/26. Q 00/45/M/26. R 04/61/M/26. S 08/62/M/26. U 55/38/M/27.

DATA ARE CURRENT.

INSIDE FRONTS ARE OBSERVED BETWEEN THE COAST AND THE SHOREWARD EDGE
OF THE GULF STREAM AT THE FOLLOWING DISTANCES...25 NM SE OF A..
18 AND 57 NM SE OF B..22 AND 70 NM E OF C..25 AND 67 NM E OF D..20
AND 59 NM E OF E..NEAR F AND 63 NM E OF F..AND 43 NM E OF G.

BAIG

NNNNJ

GULF STREAM SYSTEM FLOW CHART # 2450

215865 225866 235870 246878 255879
 262872 268867 268854 262850 258845
 252842 245842 241844 239843 234838
 234835 238828 242819 244815 248805
 242802 260800 // _____

NOAA Miami SFSS

Date: 24 MAR 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

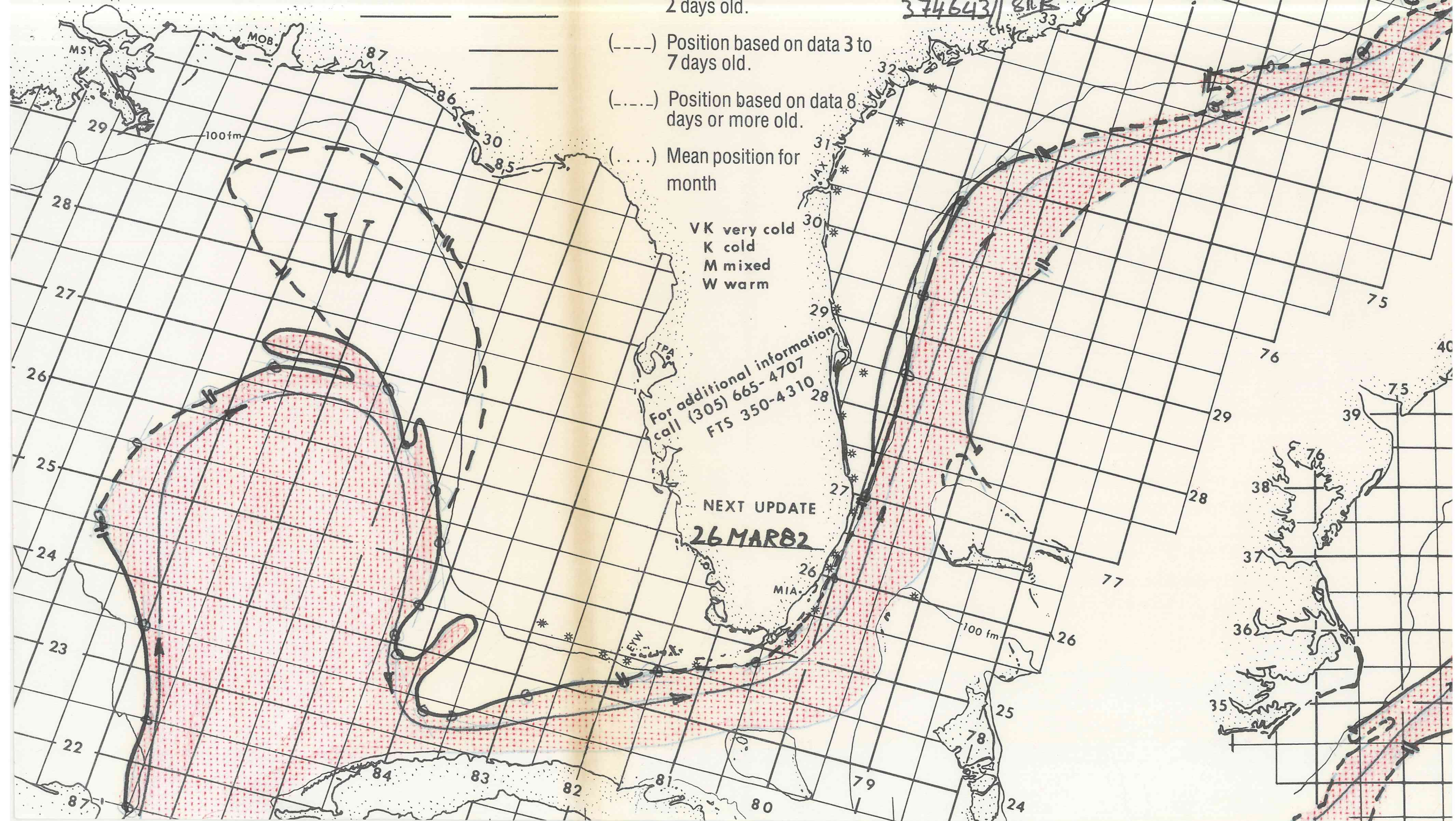
VK very cold
 K cold
 M mixed
 W warm

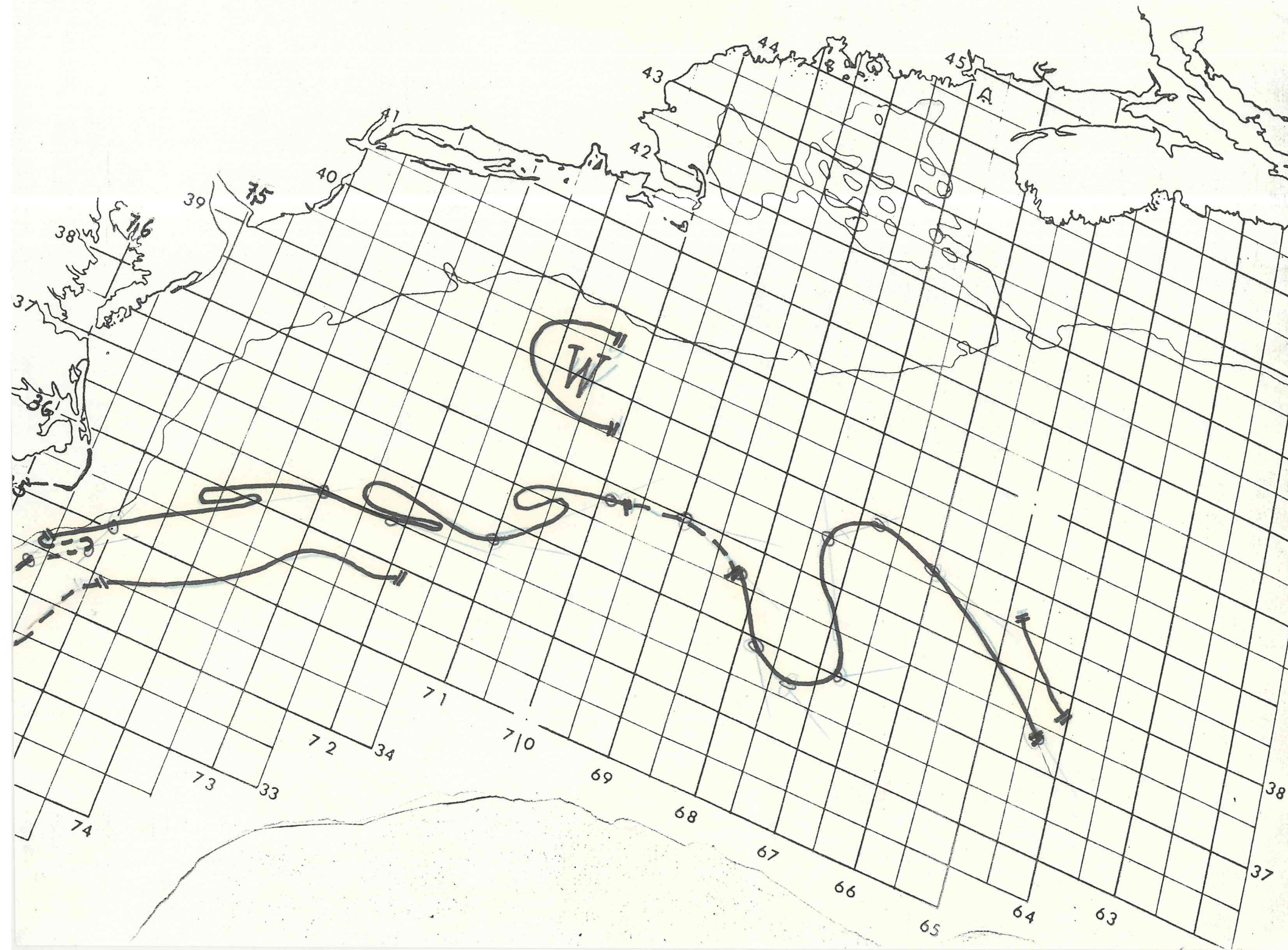
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE
26 MAR 82

GULF STREAM SYSTEM FLOW CHART # 2450

270800 285799 295800 307799 313796
 326774 333769 338759 344756 347752
 351750 365730 365722 368710 36
 379699 380690 376682 369678
 367673 370668 385673
 389668 387660
 374643 // SLR





1982 MAR 24 AM 11:10

RV

ZCZC MIAGLMMIA

~~W08500~~ KMIA 241600

~~MIAGLMMIA~~ TBXX40 KMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
24 MAR 1982.

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

215865 225866 235870 246878 255878 262872 268867 268854 262850
288454 252842 245842 241844 239843 234838 234835 238828 242818
244815 248805 242802 260800.

DATA ARE CURRENT...EXCEPT BETWEEN 246878 AND 262872 AND BETWEEN
242818 AND 260800...WHICH ARE BASED ON DATA FROM 22 MAR 82.

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

A 74/75/M/25. B 78/75/M/25. C 82/74/M/25. D 85/74/M/25. E 83/73/M/25.
F 73/62/M/25. G 55/47/M/25. H 28/44/M/25. I 34/48/M/25. J 20/44/M/26.
K 12/40/M/26. L 05/48/M/26. M 05/51/M/26. N 03/45/M/26. O 00/39/M/26.
P 00/57/M/26. Q 02/44/M/26. R 15/49/M/26. S 20/50/M/26. U 55/39/M/27.

DATA ARE CURRENT...ONLY FOR S AND U. REMAINDER BASED ON DATA OF
22 MAR 82.

AN INSIDE FRONT IS OBSERVED BETWEEN THE COAST AND THE SHOREWARD
EDGE OF THE GULF STREAM AT THE FOLLOWING DISTANCES...62 NM E OF F..
43 NM E OF G..12 NM E OF H..AND 21 NM E OF I.

BAIG

NNNN↓

1982 MAR 24 AM 11:06

NNNN

7070 MIAMI MMIA

UNUSUAL WMTA 241500

MIAMI MMIA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
24 MAR 1982.

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

245045 225045 225070 246070 255070 262070 269067 269054 262050
250045 252040 245040 241044 229040 224030 224025 229020 242010
244015 249005 242000 240000.

DATA ARE CURRENT . . . EXCEPT BETWEEN 246070 AND 262070 AND BETWEEN
242010 AND 240000 . . . WHICH ARE BASED ON DATA FROM 22 MAR 82.

MIAMI SESS SPECIFIED GULF STREAM DATA FOR NOAA WEATHER BATHY . . .

074/75/W/25. 078/75/W/25. 082/74/W/25. 085/74/W/25. 089/73/W/25.
073/67/W/25. 055/47/W/25. 028/44/W/25. 134/48/W/25. 120/44/W/26.
112/40/W/26. 105/48/W/26. 085/51/W/26. 083/45/W/26. 000/39/W/26.
000/57/W/26. 002/44/W/26. 015/49/W/26. 020/50/W/26. 055/39/W/27.

DATA ARE CURRENT . . . ONLY FOR S AND H. REMAINDER BASED ON DATA OF
22 MAR 82.

AN INSTANT FRONT IS OBSERVED BETWEEN THE COAST AND THE SHOREWARD
EDGE OF THE GULF STREAM AT THE FOLLOWING DISTANCES . . . 62 NM E OF E
43 NM E OF G. 12 NM E OF H. AND 21 NM E OF I.

DATA

1982 MAR 24 AM 11:21

WWW
7070: MIAQI MMTA

TRVYAA KMTA 241500
MIAMI SFSR ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
24 MAR 1982

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

245065 225066 225070 246078 255078 262079 269067 269054 262050
258045 252047 245047 241044 239043 234038 234035 239029 242018
244015 249005 242002 260000

DATA ARE CURRENT . . . EXCEPT BETWEEN 246078 AND 262079 AND BETWEEN
242018 AND 260000 . . . WHICH ARE BASED ON DATA FROM 22 MAR 82

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

874/75/W/75. 878/75/W/75. 892/74/W/75. 885/74/W/75. 893/73/W/75.
873/69/W/75. 855/47/W/75. 428/44/W/75. 134/48/W/75. 378/44/W/76.
412/48/W/76. 105/48/W/76. 405/51/W/76. 403/45/W/76. 000/39/W/76.
000/57/W/76. 002/44/W/76. 015/49/W/76. 520/50/W/76. 055/39/W/77.

DATA ARE CURRENT . . . ONLY FOR 8 AND 11. REMAINDER BASED ON DATA OF
22 MAR 82.

AN INSTANT FRONT IS OBSERVED BETWEEN THE COAST AND THE SHOREWARD
EDGE OF THE GULF STREAM AT THE FOLLOWING DISTANCES . . . 62 NM E OF E . . .

43 NM E OF R. 42 NM E OF H. AND 21 NM E OF I.
DATA

Date: 26 MAR 1982

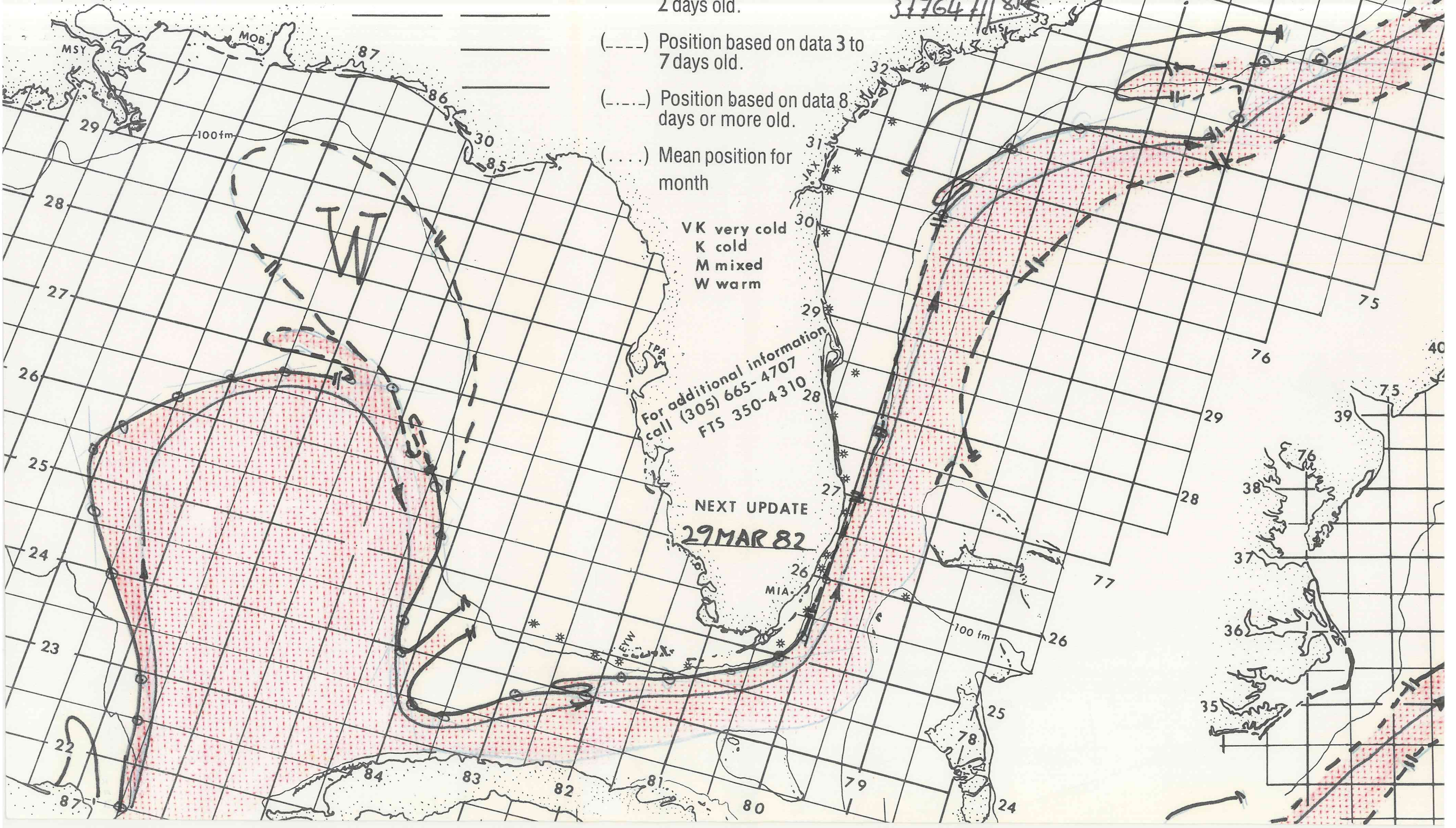
215865 225866 229867 240875 246878
 254881 256879 262875 265870 268865
 269858 269852 262848 259844 254842
 243842 239841 234838 234835 238828
 240821 243818 244812 247807 250802
 252801 260800// _____

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.

- (____) 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

270799 278799 305800 315795 320788
 323772 326770 334769 336762 353747
 362738 367719 367710 378697 36
 380689 377687 370678 367672
 370665 386671 389667
 387660 383653
 377647//81R

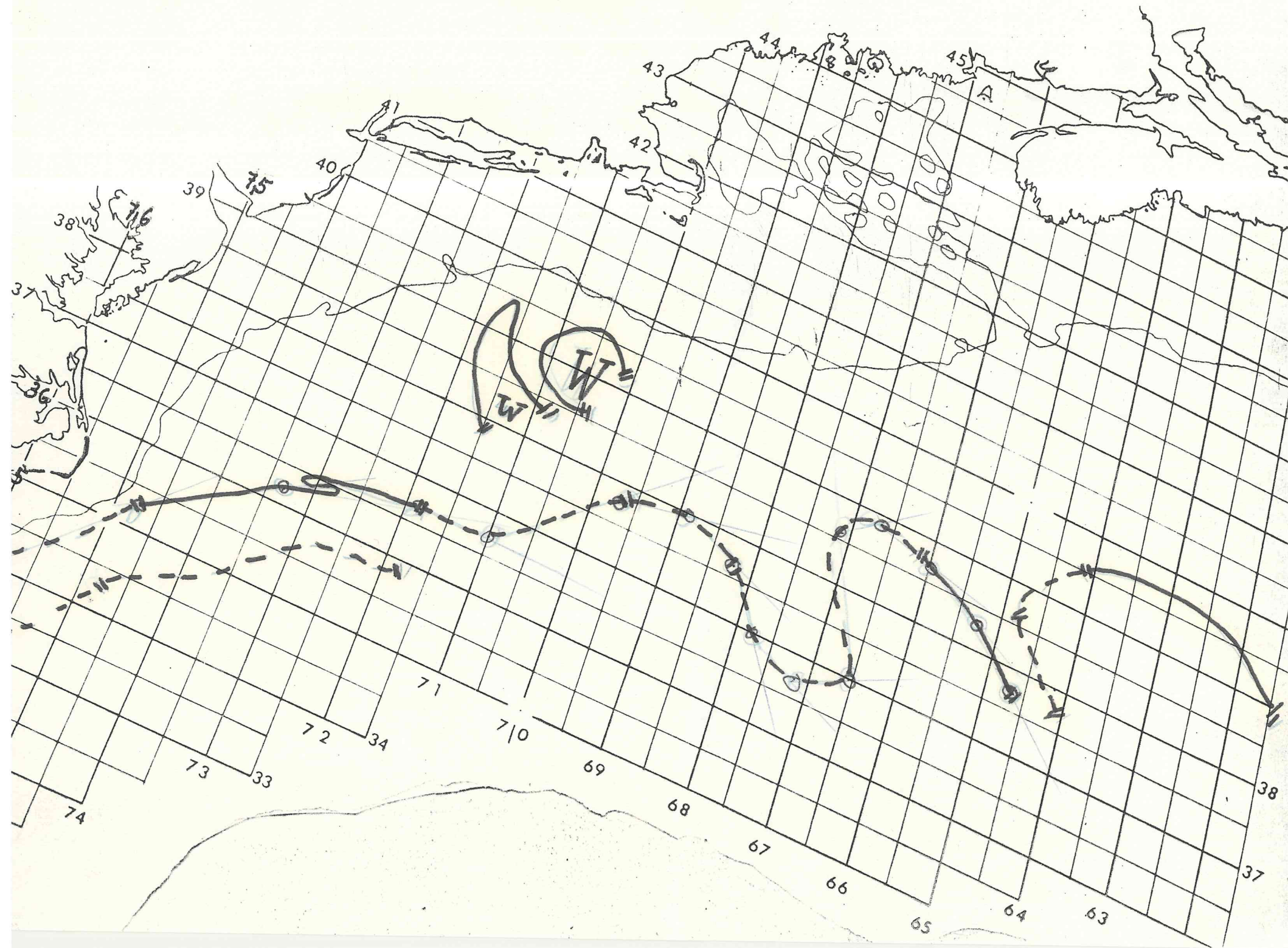


VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
29 MAR 82

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



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 29 MAR 1982

215865 224866 231869 240875 249880
254881 261875 266869 268864 268854
260849 254846 248841 240842 239838
239835 237829 241822 244813 247807
250802 254800 260800 // _____

270800 285799 298801 304800 304796
318792 320785 325775 341759 344749
350751 360736 366716 376698 36
375690 370675 366671 367664
370663 382671 389666
387660 375645 // 814

Depicted land should not be used for navigation.

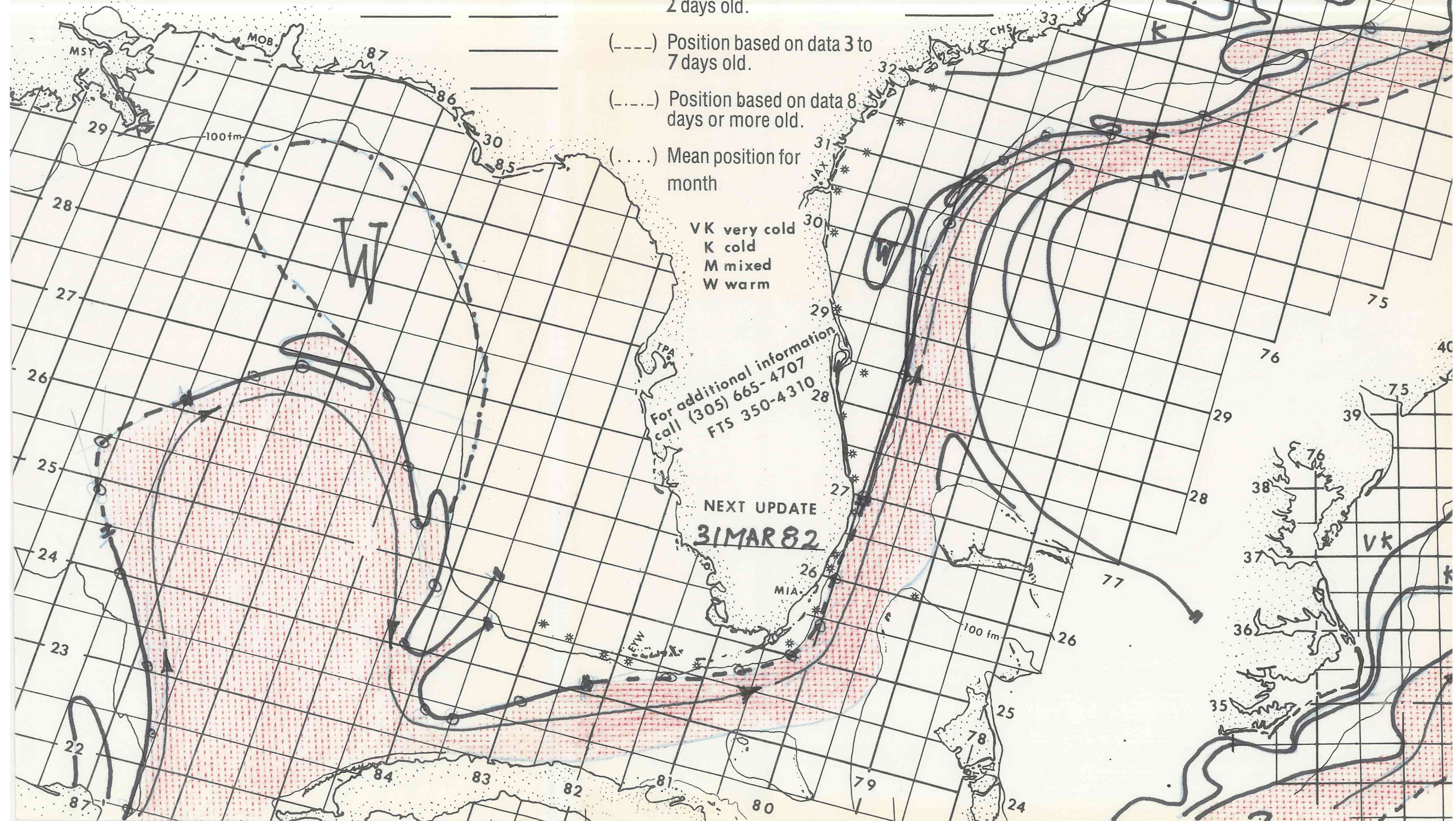
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (____) 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

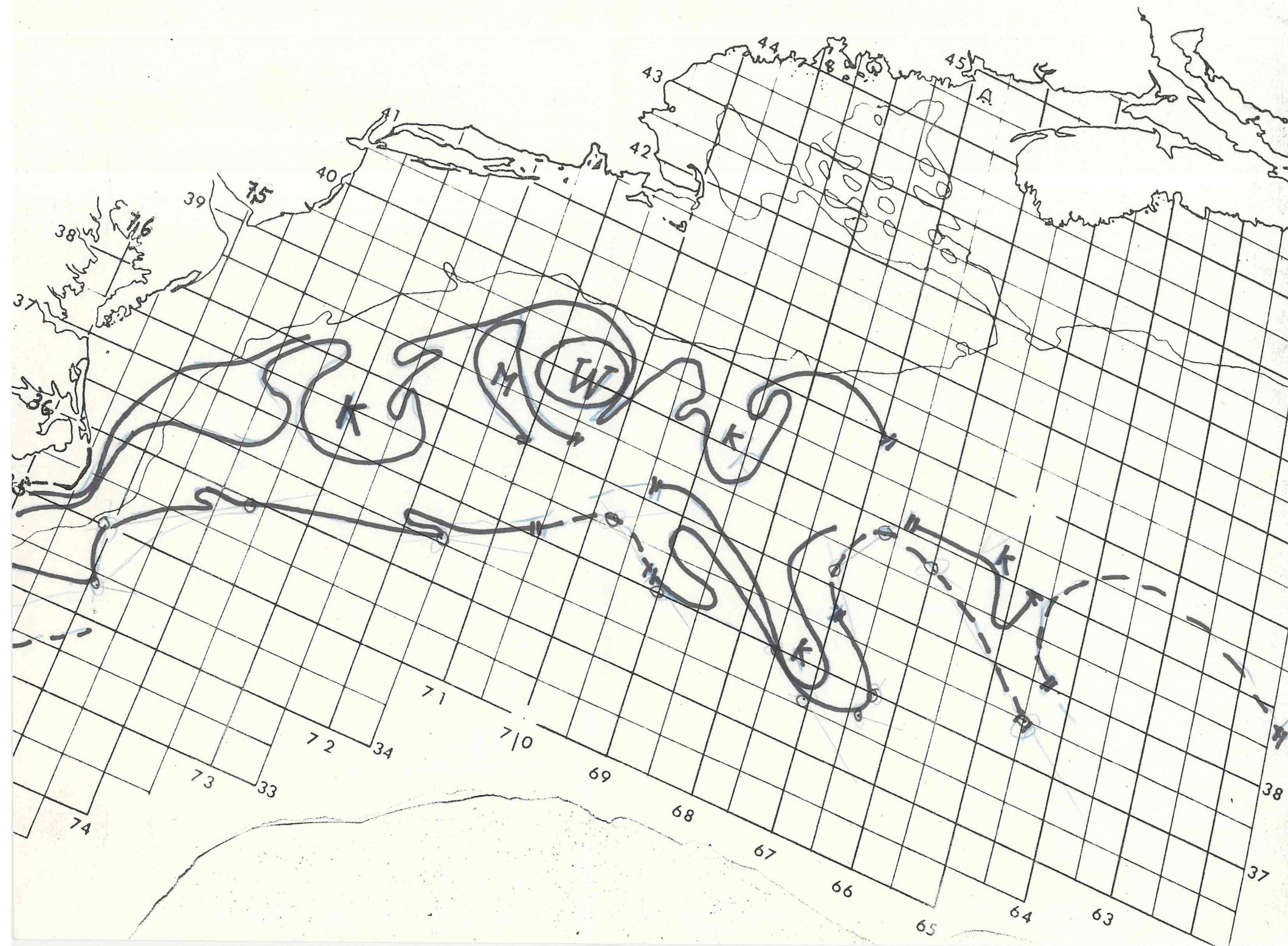
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
31 MAR 82



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



NNNN↓↓

V

ZCZC

SXNT1 KWBC 292130

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

28.0/79.9	29.0/79.9	30.0/80.0	31.3/79.6
31.8/79.1	32.2/77.9	33.0/77.0	34.2/75.9
34.5/75.0	35.3/75.0	36.4/72.0	37.0/71.0
38.2/69.7	38.1/68.8	37.8/68.2	36.6/67.4
36.7/66.9	38.3/67.8	39.1/66.7	39.0/65.6
38.4/65.0			

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

COLD EDDIES 34.9/65.6/45 NMI. DIAM.

WARM EDDIES 37.7/73.3/40 NMI. DIAM. 39.2/70.8/70 NMI. DIAM. 39.6/67.4/
60 NMI. DIAM.

LATEST SATELLITE DATA 3/29/82 1200Z

NNNN
ZCZC WMO:MMIA

1982 MAR 29 AM 10:42

TRVYAA VMTA 241545
MIAMI 9999 ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
29 MAR 1982

CROSS POINTS AT THE LATITUDE/LONGITUDE ALONG THE SHOREWARD
EDGE OF THE WARMER WATER

215245 224244 231243 240242 249241 258240 267239 276238 285237
294236 303235 312234 321233 330232 339231 348230 357229
366228 375227 384226 393225 402224 411223 420222 429221

DATA ARE CURRENT EXCEPT FROM 244242 TO 261241 AND FROM 261242 TO
269241 FROM 24 MAR 82

MIAMI 9999 SELECTED RIVER ESTUARY DATA FOR WARM WEATHER PERIOD

475/28/M/75 477/25/M/75 484/22/M/75 491/20/M/75 497/18/M/75
504/16/M/75 511/14/M/75 517/12/M/75 524/10/M/75 531/08/M/75
537/06/M/75 544/04/M/75 551/02/M/75 558/00/M/75 565/25/M/76
572/23/M/76 579/21/M/76 586/19/M/76 593/17/M/76 600/15/M/76

DATA ARE CURRENT EXCEPT 1 THROUGH 8 WHICH ARE DATA FROM 24 MAR 82

A SMALL WARMER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM SOUTHWEST OF A AND B, OR EAST OF C AND D, WITH AN INTRIC
FRONT NEAR THE 100 CM LINE. A PACKET OF WARMER WATER IS OBSERVED
ABOUT 25 NM EAST OF E, EXTENDING ABOUT 20 NM NORTH AND SOUTH OF
THIS POINT.

A PLUME OF COLD WATER HAS MOVED INTO THE GULF ESTUARY FROM THE OFF
SHORE EDGE, DECREASING THE WIDTH OF THE STREAM BETWEEN A AND G.
A PACKET OF WARMER WATER LIES EASTWARD OF THIS PLUME. THE PLUME
IS BEING ADVECTED TO THE NORTH.

DATA

NNNN↓↓A

ZCZC WBC214

TEXX40 KMIA 291515

1982 MAR 29 AM 11:02

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
29 MAR 1982.

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

215865 224866 231869 240875 249880 254881 261875 266869 268864
268854 260849 254846 248841 240842 239838 239835 237829 241822
244813 247807 250802 254800 260800.

DATA ARE CURRENT...EXCEPT FROM 244878 TO 261874 AND FROM 241822 TO
260800 FROM 24 MAR 82.

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

A75/20/M/25. B77/35/M/25. C84/22/M/25. D88/22/M/25. E83/31/M/25.
F69/31/M/25. G54/37/M/25. H27/45/M/25. I32/40/M/25. J17/43/M/25.
K12/41/M/25. L04/49/M/26. M05/52/M/26. N04/42/M/26. O05/35/M/26.
P07/51/M/26. Q10/37/M/26. R12/56/M/26. S19/48/M/26. U59/36/M/27.

DATA ARE CURRENT EXCEPT L THROUGH R BASED ON DATA FROM 24 MAR 82.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM SOUTHEAST OF A AND B..OR EAST OF C AND D..WITH AN INSIDE
FRONT NEAR THE 100 FM LINE. A POCKET OF WARMER WATER IS OBSERVED
ABOUT 35 NM EAST OF F...EXTENDING ABOUT 30 NM NORTH AND SOUTH OF
THIS POINT.

A PLUME OF COLD WATER HAS MOVED INTO THE GULFSTREAM FROM THE OFF
SHORE EDGE...DECREASING THE WIDTH OF THE STREAM BETWEEN A AND G.
A POCKET OF WARMER WATER LIES EASTWARD OF THIS PLUME. THE PLUME
IS BEING ADVECTED TO THE NORTH.

BAIG

Date: 31 MAR 1982

215865 225866 235870 242876 248880
253880 260876 269878 271879 272865
270858 265850 268847 257846 252847
245844 240842 238841 236839 236835
239826 241825 244816 249804 254801
260800 || _____

270799 282799 301800 310798 318793
324782 325775 342755 344749 356749
359745 363725 374698 383681 36
367669 369664 381671 386670
390665 391655 389646
400636 401627
399620 || SMB

Depicted land should not be used for navigation.

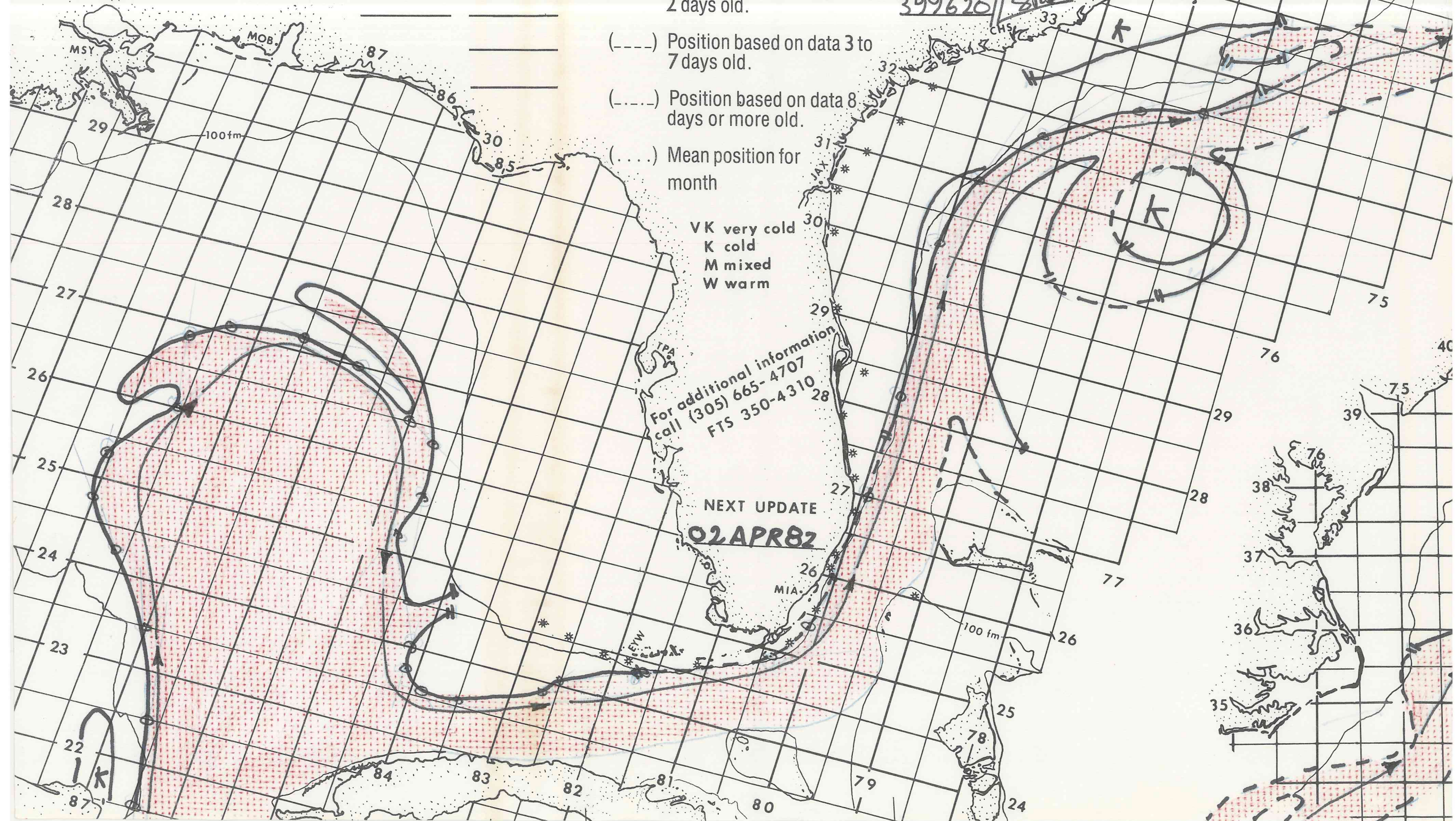
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (____) 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

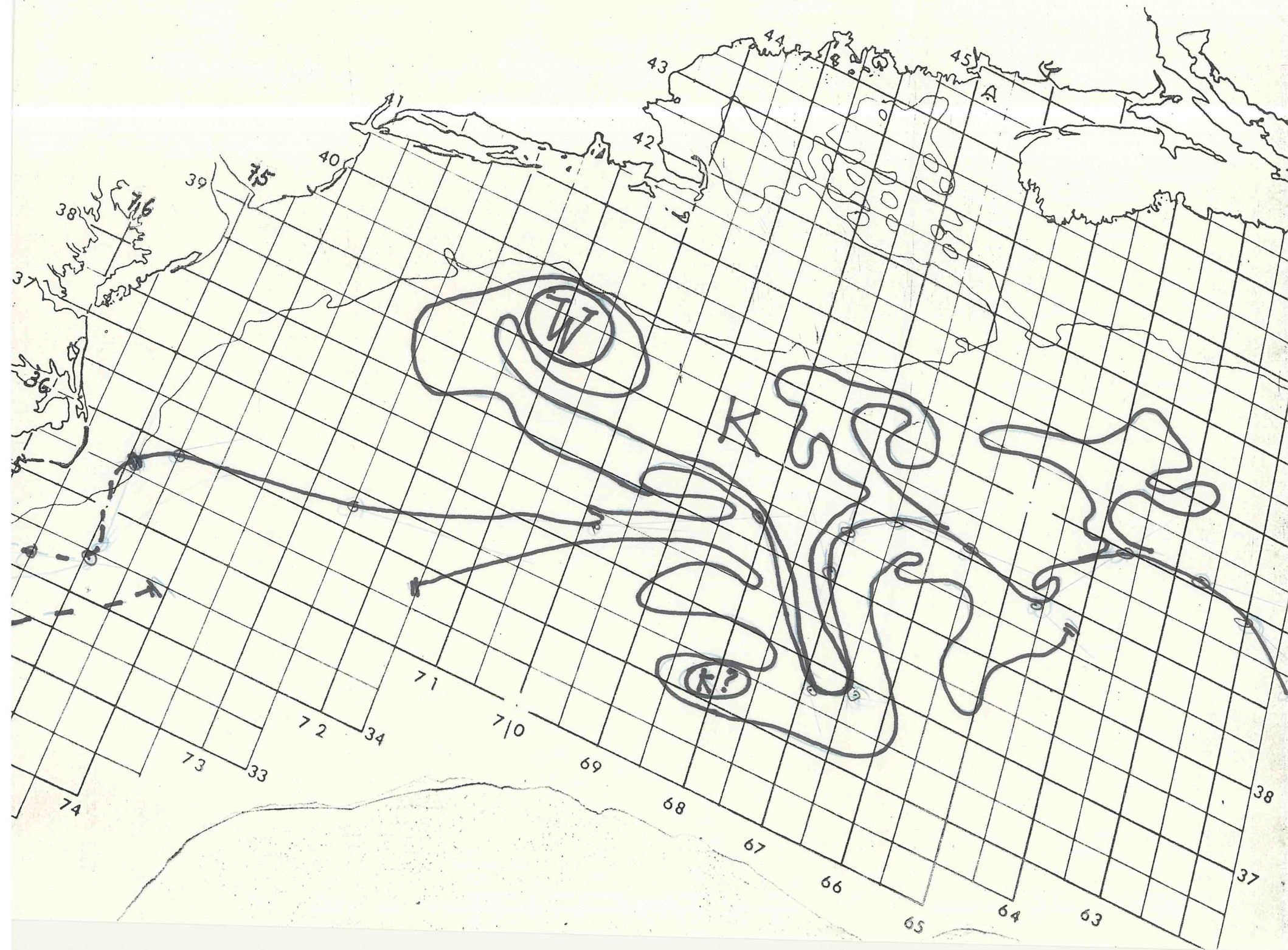
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
02 APR 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 31 MAR 1982. PART B



↓JA

ZCZC WBC802

SXNT1 KWBC 312140

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

27.0/79.9	28.2/79.9	30.1/80.0	31.0/79.8
31.8/79.3	32.4/78.2	32.5/77.5	34.2/75.5
34.4/74.9	35.6/74.9	35.9/74.5	36.3/72.5
37.4/69.8	37.9/68.1	38.0/67.7	36.7/66.9
36.9/66.4	38.1/67.0	38.6/67.0	39.1/66.5
39.1/65.5	39.2/65.0		

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

COLD EDDIES.. 36.3/68.3/55 NMI DIAM 34.9/65.7/50 NMI DIAM
37.7/63.3/170 NMI DIAM 38.2/54.7/65 NMI DIAM
31.3/77.5/90 NMI DIAM
34.7/63.0/45 NMI DIAM
33.5/73.6/50 NMI DIAM

WARM EDDIES.. 38.0/73.0/55 NMI DIAM 39.4/70.8/80 NMI DIAM
41.2/63.6/80 NMI DIAM 41.7/56.5/60 NMI DIAM
39.7/67.0/70 NMI DIAM
41.0/49.7/70 NMI DIAM

LATEST SATELLITE DATA... 3/31/82 1200Z

NNNN

7070 MIAMI WNTA

TRXXAA WNTA 211515

MIAMI SERS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
21 MAR 1982.

1982 MAR 31 AM 10:22

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

245005 225000 225070 242070 240000 252000 260070 260070 271070
272005 270050 265050 260007 257000 252007 245000 240007 230000
230000 230000 220000 241005 244010 249000 254000 260000.

DATA ARE CURRENT... EXCEPT FROM 244010 TO 260000 FROM 24 MAR 82.

MIAMI SERS SPECIFIED GULF ESTREAM DATA FOR NOAA WEATHER DATA...

A77/29/W/75. X70/49/W/75. C82/30/W/75. B85/30/W/75. E82/30/W/75.
E77/34/W/75. G57/40/W/75. W20/29/W/75. 130/29/W/75. 110/42/W/75.
K11/40/W/75. 105/49/W/75. M84/44/W/75. N82/44/W/75. O80/30/W/75.
P80/57/W/75. Q82/40/W/75. R89/60/W/75. S12/60/W/75. U52/42/W/77.

DATA ARE CURRENT EXCEPT J THROUGH I BASED ON DATA FROM 29 MAR 82
AND M THROUGH O FROM 24 MAR 82.

AN INSHORE FRONT IS OBSERVED BETWEEN THE MAIN GULF ESTREAM FRONT AND
THE COAST AT THE FOLLOWING DISTANCES... 64 NM SE OF A... 55 NM SE OF X...
65 NM E OF C... 65 NM E OF D... 65 NM E OF E... AND 50 NM E OF F.

A DIUNE OF COLD WATER WAS MOVED INTO THE GULF ESTREAM FROM THE OFF
SHORE EDGE... DECREASING THE WIDTH OF THE STREAM BETWEEN A AND G.
THE DIUNE IS BEING ADJECTED DOWNSTREAM.

DATA

NNNN

1982 MAR 31 AM 10:29

JARV

ZCZC MIAGLMMIA

TBXX40 KMIA 311515

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

31 MAR 1982.

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

215865 225866 235870 242876 248880 253880 260876 269878 271379
272865 270858 265850 268847 257846 252847 245844 240842 238841
236839 236835 239826 241825 244816 249804 254801 260800.

DATA ARE CURRENT...EXCEPT FROM 244816 TO 260800 FROM 24 MAR 82.

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

A 72/29/M/25. B 78/49/M/25. C 82/30/M/25. D 85/30/M/25. E 82/30/M/25.
F 72/34/M/25. G 57/46/M/25. H 28/39/M/25. I 34/39/M/25. J 18/43/M/25.
K 11/40/M/25. L 05/49/M/26. M 04/44/M/26. N 03/44/M/26. O 00/38/M/26.
P 00/57/M/26. Q 03/46/M/26. R 09/60/M/26. S 13/60/M/26. U 53/42/M/27.

DATA ARE CURRENT EXCEPT J THROUGH L BASED ON DATA FROM 29 MAR 82
AND M THROUGH Q FROM 24 MAR 82.

AN INSIDE FRONT IS OBSERVED BETWEEN THE MAIN GULFSTREAM FRONT AND
THE COAST AT THE FOLLOWING DISTANCES..64 NM SE OF A..55 NM SE OF B..
65 NM E OF C..65 NM E OF D..65 NM E OF E..AND 58 NM E OF F.

A PLUME OF COLD WATER HAS MOVED INTO THE GULFSTREAM FROM THE OFF
SHORE EDGE...DECREASING THE WIDTH OF THE STREAM BETWEEN A AND G.
THE PLUME IS BEING ADVECTED DOWNSTREAM.

BAIG