

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 02 DEC 1981

215865 223864 232863 242870 250877
 258873 272873 266863 263856 268848
 263843 250844 245844 238852 231852
 229850 230844 235835 239827 242823
 241816 243808 249801 255799 260798

270798 290800 304800 317791 322773
 325770 334769 341756 357745 360739
 372726 371713 379707 382699 36
 372673 380652 SLP

Depicted land should not be used for navigation.

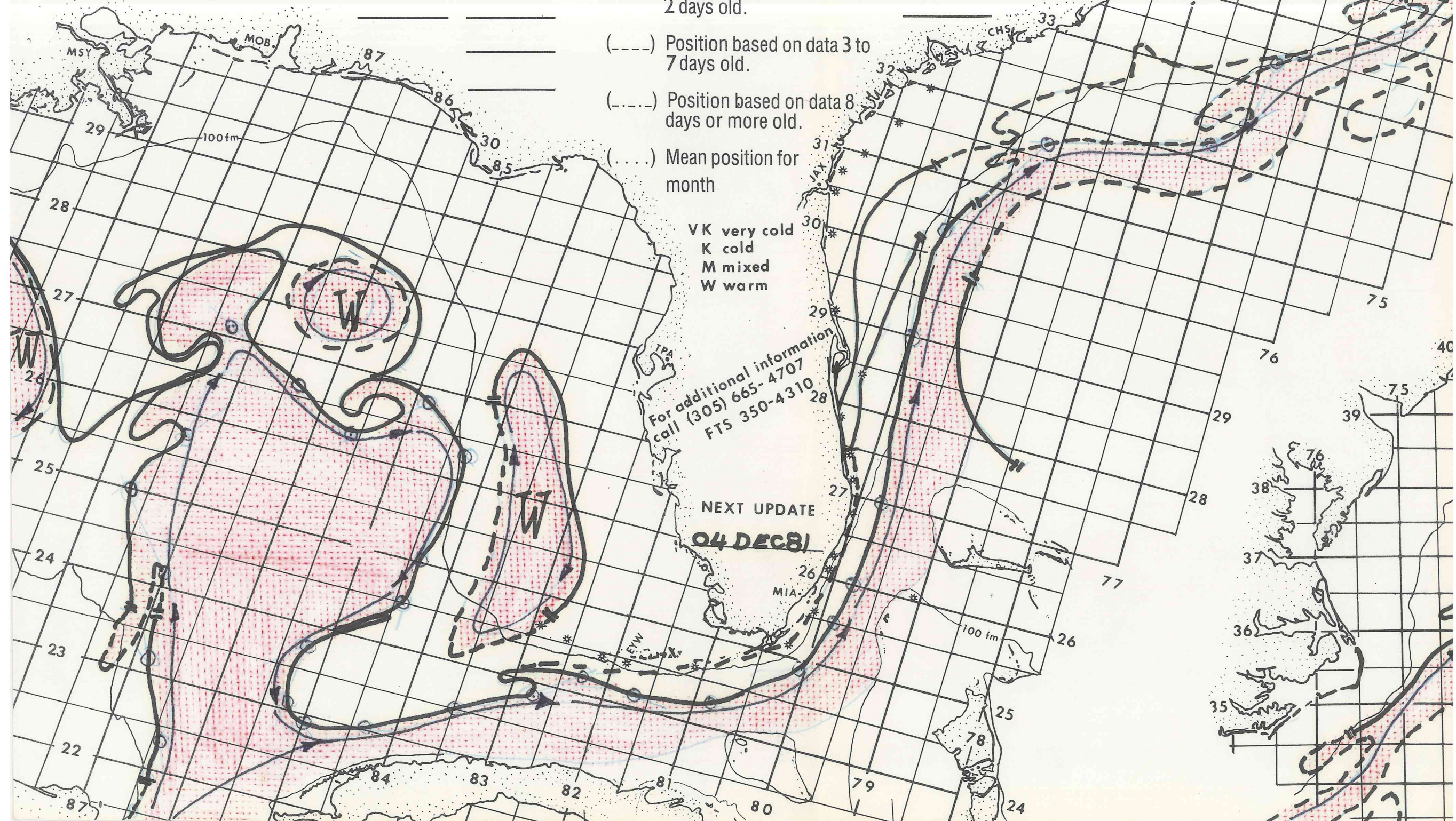
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) 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

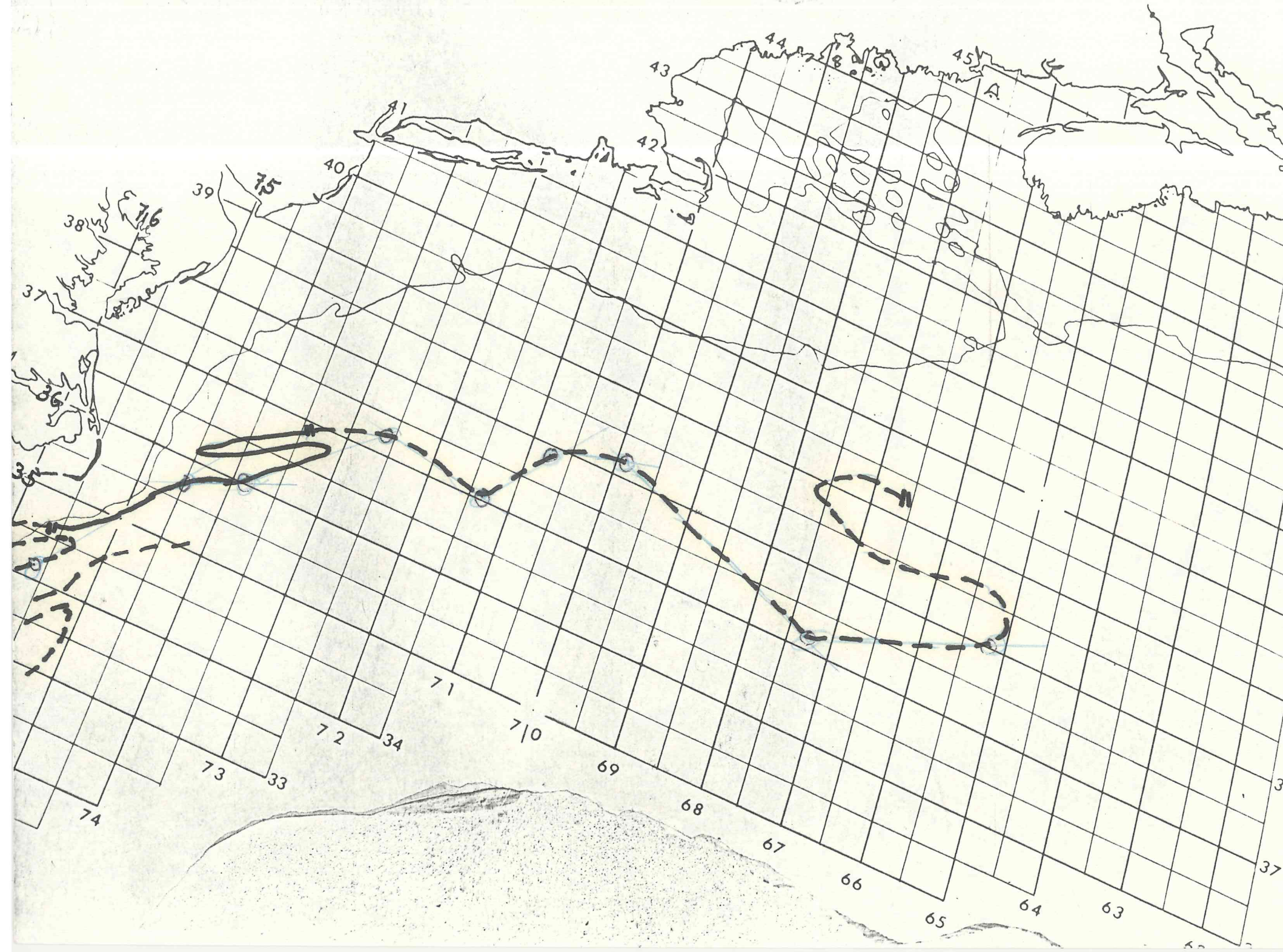
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
04 DEC 81



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 02 DEC 1981. PART B



Date: **02 DEC** 1981

Depicted land should not be used for navigation.

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

270798 290800 304800 317791 322773
325770 334769 341756 357745 360739
372726 371713 379707 382699 36
372673 380652 SAP _____

(____) 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.

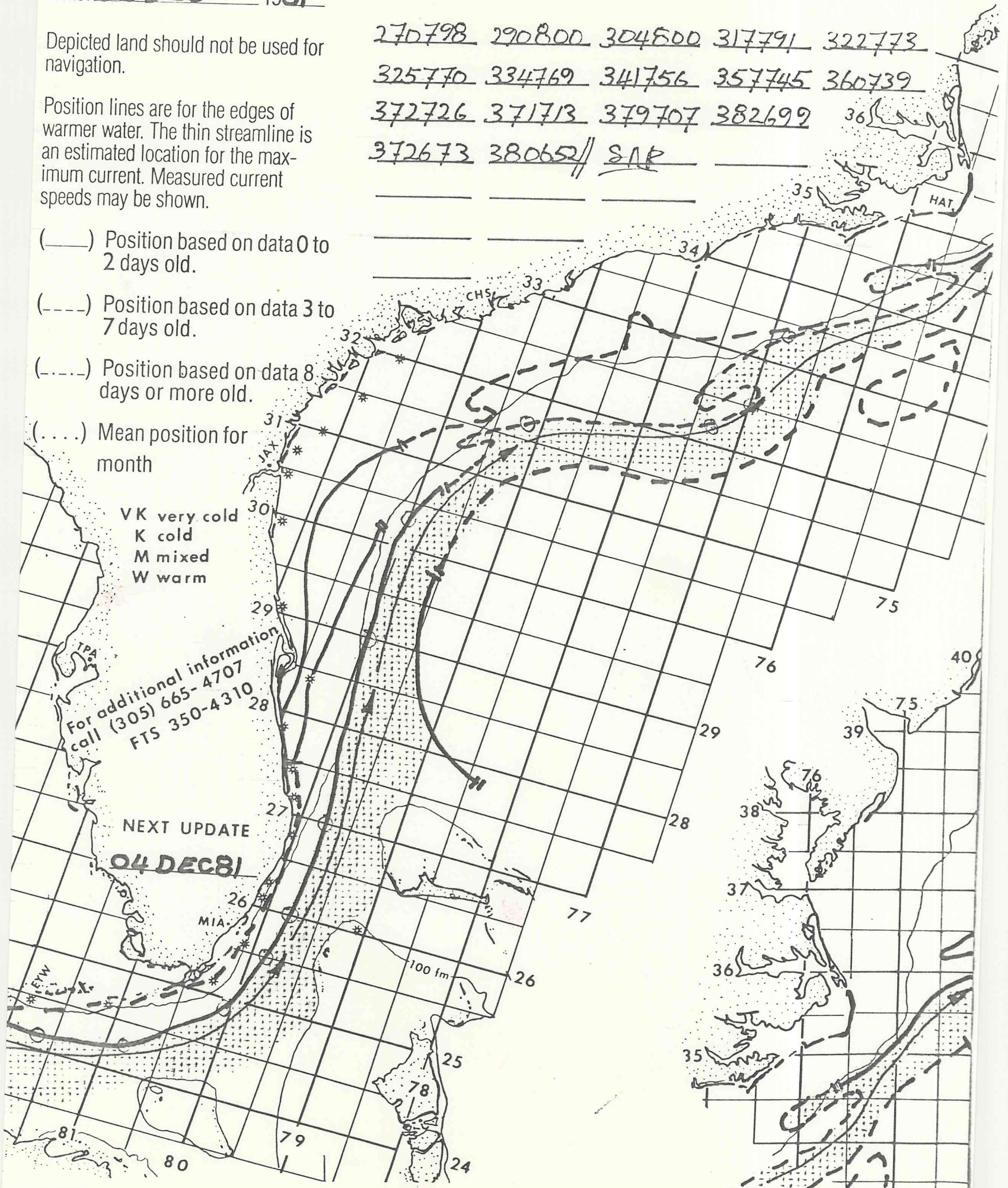
(.....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE

04 DEC 81



NNNN

1981 DEC -2 AM 11:46

7070 NTAGI NMTA

W01500 KNTA 021700

TRXX40 KNTA 021530

AMTAGI NMTA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
02 DEC 1981.

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

215065 222064 232064 242070 250077 258073 272073 266063 263056
269048 263043 258044 245044 238052 231052 229050 230044 235035
239027 242023 241016 242008 249001 255799 260798.

DATA ARE CURRENT. NOTE EXTREME OFFSHORE POSITION IN FLORIDA STRAITS.
THREE WARM FRONTS ARE OBSERVED IN THE GULF OF MEXICO. ONE CENTERED
NEAR 29.0N 86.0W ABOUT 100 NM IN DIAMETER. A SECOND BOUNDED BY THE
POINTS 276039 278030 268026 257020 246021 241035 255036 272041
276039. A THIRD CENTERED NEAR 27N 90W ABOUT 120 NM IN DIAMETER.
MIAMI SESS SELECTED GULF ESTREAM DATA FOR NOAA WEATHER BATHY...

086/23/M/26. 081/28/M/26. 096/24/M/26. 094/28/M/27. 085/30/M/26.
072/24/M/26. 057/21/M/26. 078/43/M/26. 136/55/M/26. 127/47/M/27.
072/23/M/27. 117/40/M/27. 070/40/M/27. 021/32/M/27. 016/28/M/27.
019/40/M/27. 027/22/M/27. 019/56/M/27. 019/60/M/27. 050/46/M/27.

THE NARROW WIDTH OF THE GULF ESTREAM IN THE REGION FROM A THROUGH G
IS DUE TO A PULSE OF COOL WIND DRIVEN OVERRUNNING SURFACE WATER
ALONG THE OFFSHORE EDGE OF THE GULF ESTREAM.

NOTE THE EXTREMELY FAR OFFSHORE POSITION OF THE SHOREWARD EDGE OF
THE GULF ESTREAM IN THE REGION FROM I TO O. A SLOW READJUSTMENT OF
THIS EDGE TOWARD THE MAINLAND APPEARS TO BE OCCURRING IN THE REGION
BETWEEN BETWEEN I AND O. WHILE THE PORTION THROUGH THE FLORIDA
STRAITS CONTINUES TO MOVE OFFSHORE IN ADVANCE OF THE LARGE MEANER
SOUTHWEST OF II.

A SMALL MEANER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULF ESTREAM SOUTH OF II.

AN INSIDE FRONT IS OBSERVED 60 NM EAST OF E... 33 NM EAST OF G...
00 NM EAST OF H... 12 NM EAST OF I... 00 NM EAST OF J... 04 NM EAST OF
K... 00 NM EAST OF L... 05 NM EAST OF M... 05 NM EAST OF N... 00 NM
EAST OF O... 00 NM SOUTHEAST OF P... 00 NM SOUTHEAST OF Q... 06 NM
SOUTH OF R... 10 NM SOUTH OF S... AND 34 NM SOUTH OF II.

WEST OF II THE SHOREWARD EDGE OF THE GULF ESTREAM TENDS SOUTHWESTERLY
TOWARDS THE YUCATAN PENINSULA.

DATA ARE CURRENT.

BATHY

NNNN↓AN
ZCZC WBC707
SXNT1 KWBC 022330

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

27.0/79.8	29.0/80.0	30.4/80.0	31.7/79.1
32.2/77.3	32.5/76.8	33.4/76.6	34.3/75.6
35.8/74.3	37.2/72.2	37.1/71.3	
38.1/70.2	37.1/67.3	37.9/65.0	

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

COLD EDDIESO NONE DISCERNABLE
WARM EDDIESO 38.6/66.7/70 NMI. DIAM.

LATEST SATELLITE DATAO 12/2/81 1200Z.

1981 DEC -2 PM 5:26

WNN

070 HNI STREUT

ARXX-11 PHNI 022200

SATELLITE TROPICAL DISTURBANCE SUMMARY

CENTRAL PACIFIC 140W TO 170E. GOES UTS AND TRAY DEC 022045Z

ALL MOVEMENTS AND TRENDS 24 HRS UNLESS OTHERWISE STATED.

NORTH PACIFIC

AREA TS01 ACT CR OUC 1 YR RND 21N150W...15N146W...12N140W...
11N150W...14N150W...15N151W...11N155W...12N150W...15N157W...
10N150W OSTROY INCR. NEW AREA OCHI ACT CR RND 10N150W...10N147W
...08N147W...07N150W...09N153W. TS01 WK CR WITHIN 1 DEG OF 1N
08N156W...07N163W... OSTROY 1TI CHC. TS01 ACT CR WITHIN 2 DEG OF
1N 07N160W...03N174W...06N170W...06N177E...08N170E OSTROY INCR.

SOUTH PACIFIC

AREA TS01 ACT CR RKN 1 YR RND 06S170E...06S175W...08S170W...
07S170W...10S163W...17S170W...18S175W...11S177W...14S175E OSTROY
INCR PAST 12HR. AREA TS01 MTD CR RKN 1 YR RND 11S161W...12S155W
...12S150W...15S141W...20S142W...23S150W...23S160W...17S165W...
15S163W OSTROY...1 YRS INCR PAST 12HR.

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 04 DEC 1981

215864 225865 235870 243875 254875
257874 264877 270872 274869 262862
260858 258854 263842 253843 247843
241847 236852 230852 229849 233840
236834 240825 241819 242812 245805
248802 252800 260798 | _____

270798 299800 305799 321784 320773
325768 337766 350750 356746 361736
366734 374718 373709 379703 36
381695 374674 372664 385645 | SP

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.

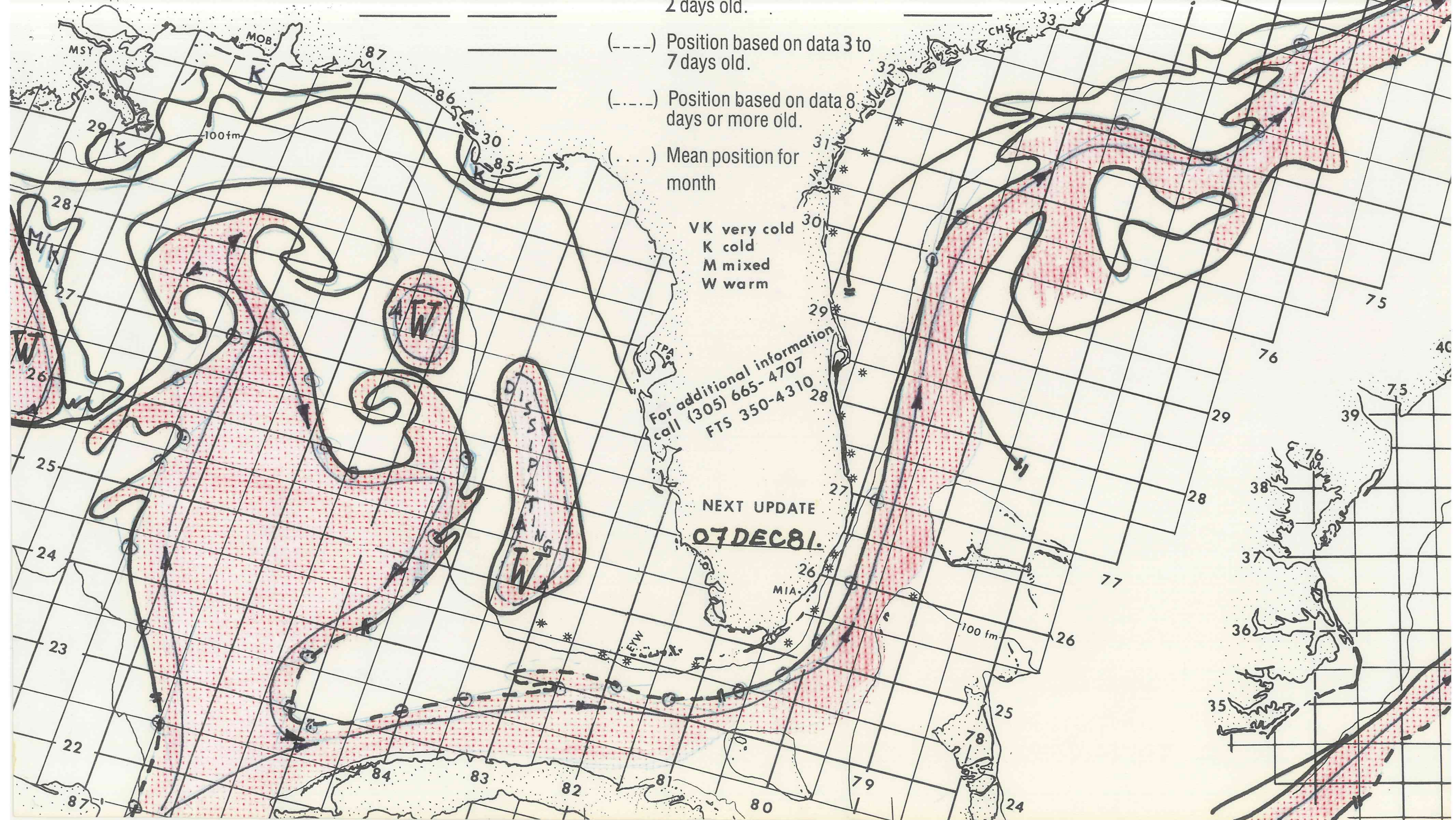
- (____) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

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

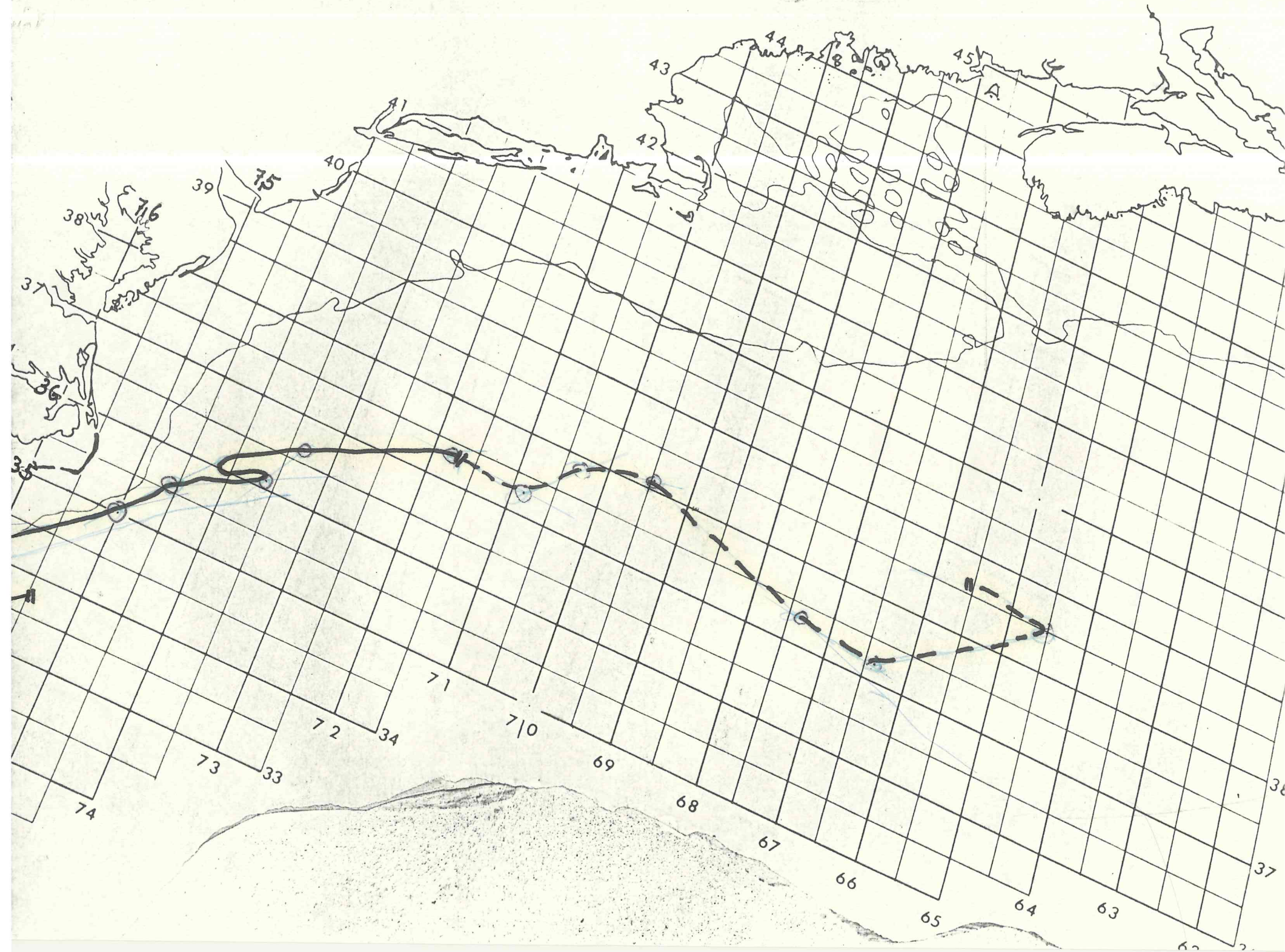
NEXT UPDATE

07 DEC 81.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 04 DEC 1981.

PART B



NNNN↓↓A
ZCZC WBC131
TEXX40 KMIA 041645
↑MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
04 DEC 1981.

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

215864 225865 235870 243875 254875 257874 264877 270872 274869
262862 260858 258854 263842 253843 247843 241847 236852 230852
229849 233840 236834 240825 241819 242812 245805 248802 252800
260798.

DATA ARE CURRENT EXCEPT THE PORTION BETWEEN 236834 AND 242812.
THREE WARM EDDIES ARE OBSERVED IN THE GULF OF MEXICO..ONE CENTRED
NEAR 27.5N 85.2W ABOUT 60 NM IN DIAMETER..A SECOND BOUNDED BY THE
POINTS 276839 270830 260826 257820 246821 241835 255836 272841
276839..A THIRD CENTRED NEAR 27N 90W ABOUT 120 NM IN DIAMETER.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A87/32/M/26. B83/44/M/26. C102/64/M/26. D97/35/M/27. E89/38/M/26.
F74/37/M/26. G58/32/M/26. H27/51/M/26. I35/61/M/26. J25/47/M/27.
K20/35/M/27. L14/41/M/27. M18/39/M/27. N18/32/M/27. O15/26/M/27.
P15/44/M/27. Q25/26/M/27. R18/58/M/27. S17/60/M/27. U56/41/M/27.

NOTE THE EXTREMELY FAR OFFSHORE POSITION OF THE SHOREWARD EDGE OF
THE GULFSTREAM IN THE REGION FROM I TO Q. A SLOW READJUSTMENT OF
THIS EDGE TOWARD THE MAINLAND APPEARS TO BE OCCURRING IN THE REGION
BETWEEN BETWEEN L AND O...WHILE THE PORTION THROUGH THE FLORIDA
STRAITS CONTINUES TO MOVE OFFSHORE IN ADVANCE OF THE LARGE MEANDER
SOUTHWEST OF U.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM BETWEEN B AND C.
WEST OF U THE SHOREWARD EDGE OF THE GULFSTREAM TENDS SOUTHWESTERLY
TOWARDS THE YUCATAN PENINSULA.

DATA ARE CURRENT EXCEPT FROM 02 DEC 81 FROM Q THROUGH U.

BAIG

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 07 DEC 1981

215865 225865 235870 243875 249874
 259873 265877 271871 275868 274865
 267863 260857 259852 262842 258841
 252843 248842 244845 239851 235852
 231852 229850 229847 233838 236834
 238827 242824 243815 244806 248802
 253800 260798//

270798 282800 290800 298801 305799
 311796 315792 323785 323773 325769
 342754 358743 360740 367732 36
 369719 375710 375700 374687
 370671 375656 381650//SRB

Depicted land should not be used for navigation.

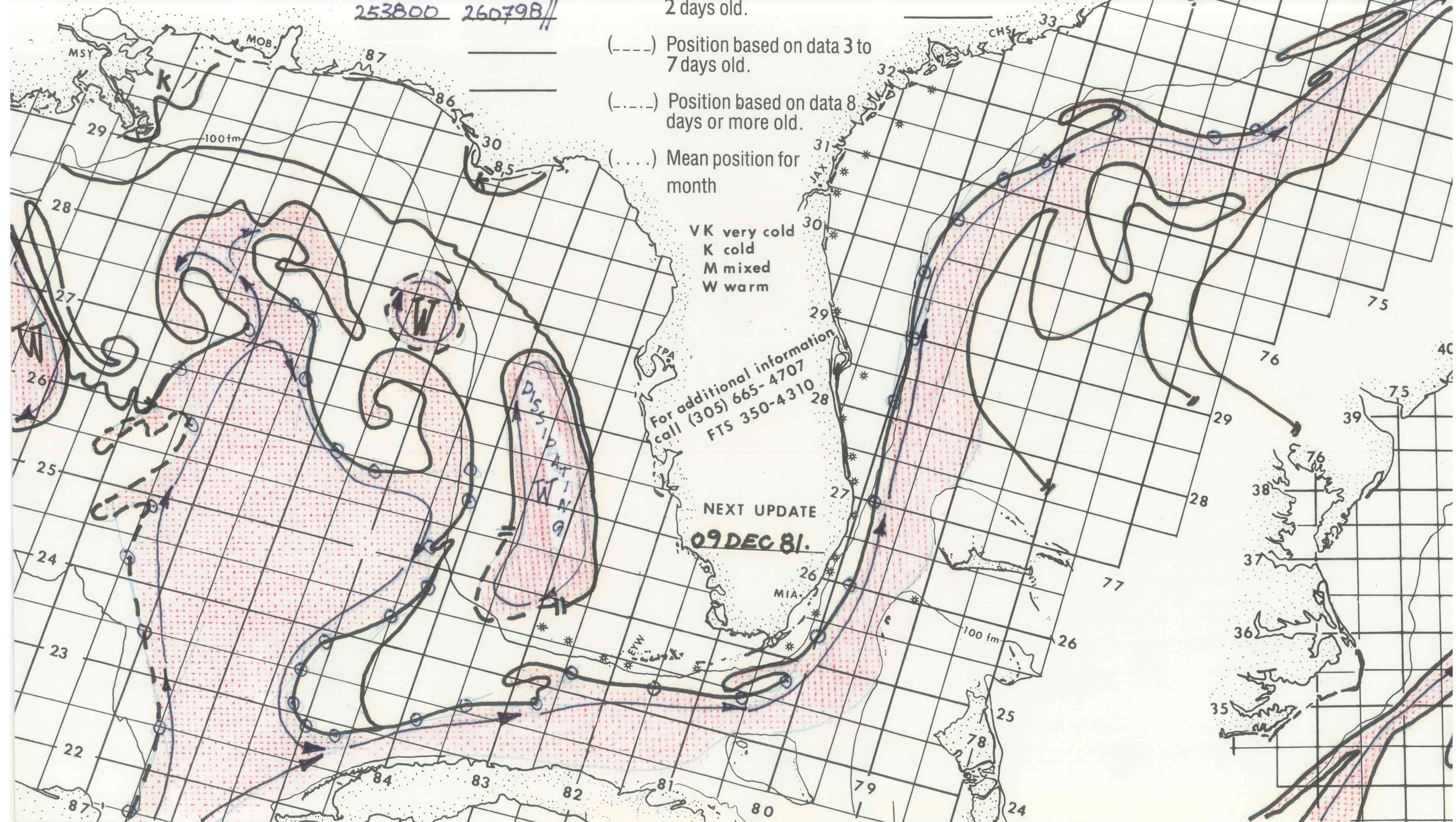
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) 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

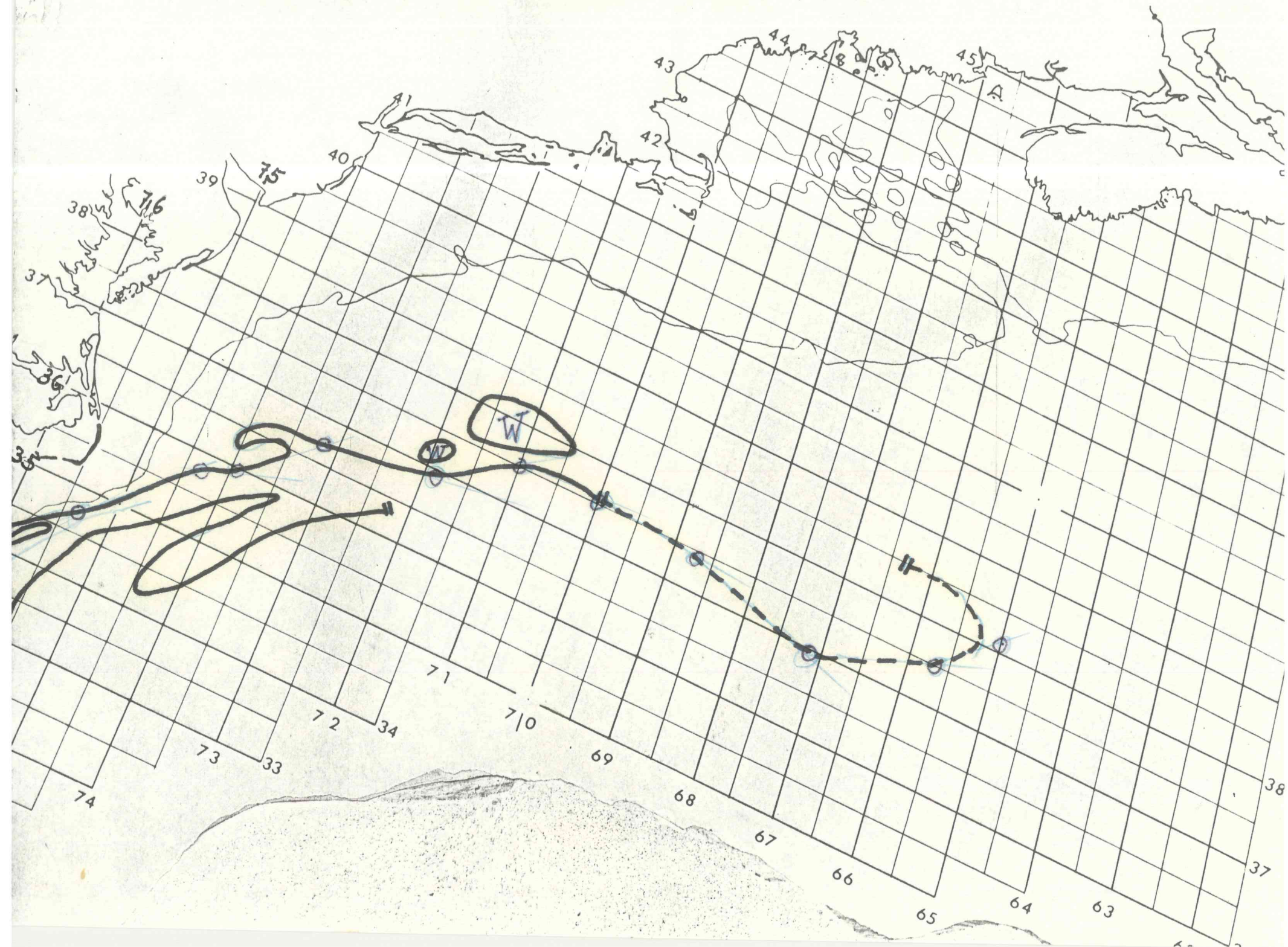
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
09 DEC 81.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 07 DEC 1981. PART B



NNNN↓A
ZCZC WBC790
TBXX40 KMIA 071630
TMIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
07 DEC 1981.

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

215865 225865 235870 243875 249874 259873 265877 271871 275868
274865 267863 260857 259852 262842 258841 252843 248842 244845
239851 235852 231852 229850 229847 233838 236834 238827 242824
243815 244806 248802 253800 260798.

DATA ARE CURRENT EXCEPT THE PORTION BETWEEN 215865 AND 265877.
THREE WARM EDDIES ARE OBSERVED IN THE GULF OF MEXICO..ONE CENTRED
NEAR 27.5N 85.2W ABOUT 60 NM IN DIAMETER..A SECOND BOUNDED BY THE
POINTS 276839 270830 260826 257820 246821 241835 255836 272841
276839..A THIRD CENTRED NEAR 27N 90W ABOUT 120 NM IN DIAMETER.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A82/41/M/26. B80/51/M/26. C91/47/M/26. D92/44/M/27. E84/45/M/26.
F70/44/M/26. G54/40/M/26. H27/53/M/26. I32/62/M/26. J21/52/M/27.
K16/39/M/27. L13/44/M/27. M17/41/M/27. N17/35/M/27. O11/32/M/27.
P10/47/M/27. Q22/28/M/27. R13/60/M/27. S16/61/M/27. U56/38/M/27.

NOTE THE EXTREMELY FAR OFFSHORE POSITION OF THE SHOREWARD EDGE OF
THE GULFSTREAM IN THE REGION FROM I TO Q. A SLOW READJUSTMENT OF
THIS EDGE TOWARD THE MAINLAND APPEARS TO BE OCCURRING IN THE REGION
BETWEEN L AND U.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM BETWEEN P AND Q...WITH AN INSIDE FRONT NEAR THE 100 FM
LINE.

A SECOND SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM SOUTH OF U...WITH AN INSIDE FRONT 27 NM SOUTH OF U.
WEST OF U THE SHOREWARD EDGE OF THE GULFSTREAM TENDS SOUTHWESTERLY
TOWARDS THE YUCATAN PENINSULA.

DATA ARE CURRENT.

BAIG

NNNN

7020 MIAGLMMIA

TRXX40 KMIA 071630

MIAGLMMIA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
07 DEC 1981.

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

215865 225865 235870 243875 249874 259873 265877 271871 275868
274865 267863 260857 259852 262842 258841 252843 248842 244845
239851 235852 231852 229850 229847 233838 236834 238827 242824
243815 244806 248802 253800 260798.

DATA ARE CURRENT EXCEPT THE PORTION BETWEEN 215865 AND 265877.
THREE WARM EDDIES ARE OBSERVED IN THE GULF OF MEXICO..ONE CENTRED
NEAR 27.5N 85.2W ABOUT 60 NM IN DIAMETER..A SECOND BOUNDED BY THE
POINTS 276839 270830 260826 257820 246821 241835 255836 272841
276839..A THIRD CENTRED NEAR 27N 90W ABOUT 120 NM IN DIAMETER.
MIAMI SESS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...

AR2/41/M/26. 880/51/M/26. C91/47/M/26. 092/44/M/27. E84/45/M/26.
F70/44/M/26. G54/40/M/26. H27/53/M/26. I32/62/M/26. J21/52/M/27.
K16/39/M/27. L13/44/M/27. M17/41/M/27. N17/35/M/27. O11/32/M/27.
P10/47/M/27. Q22/28/M/27. R13/60/M/27. S16/61/M/27. U56/38/M/27.

NOTE THE EXTREMELY FAR OFFSHORE POSITION OF THE SHOREWARD EDGE OF
THE GULFSTREAM IN THE REGION FROM I TO O. A SLOW READJUSTMENT OF
THIS EDGE TOWARD THE MAINLAND APPEARS TO BE OCCURRING IN THE REGION
BETWEEN BETWEEN L AND U.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM BETWEEN P AND O...WITH AN INSIDE FRONT NEAR THE 100 FM
LINE.

A SECOND SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM SOUTH OF U...WITH AN INSIDE FRONT 27 NM SOUTH OF U.
WEST OF U THE SHOREWARD EDGE OF THE GULFSTREAM TENDS SOUTHWESTERLY
TOWARDS THE YUCATAN PENINSULA.

DATA ARE CURRENT.

BTIG

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 09 DEC 1981

216864 223865 230869 236874 243876
 250880 258876 265869 270864 267859
 263860 258858 255855 255849 258840
 250839 245841 240846 236847 232844
 232840 236831 240826 241815 242807
 245804 252800 260799// _____

270799 284799 290800 310800 315796
 320788 326765 345755 350749 355746
 369727 370717 376705 379695 36
 368674 368665 380650// SRP

Depicted land should not be used for navigation.

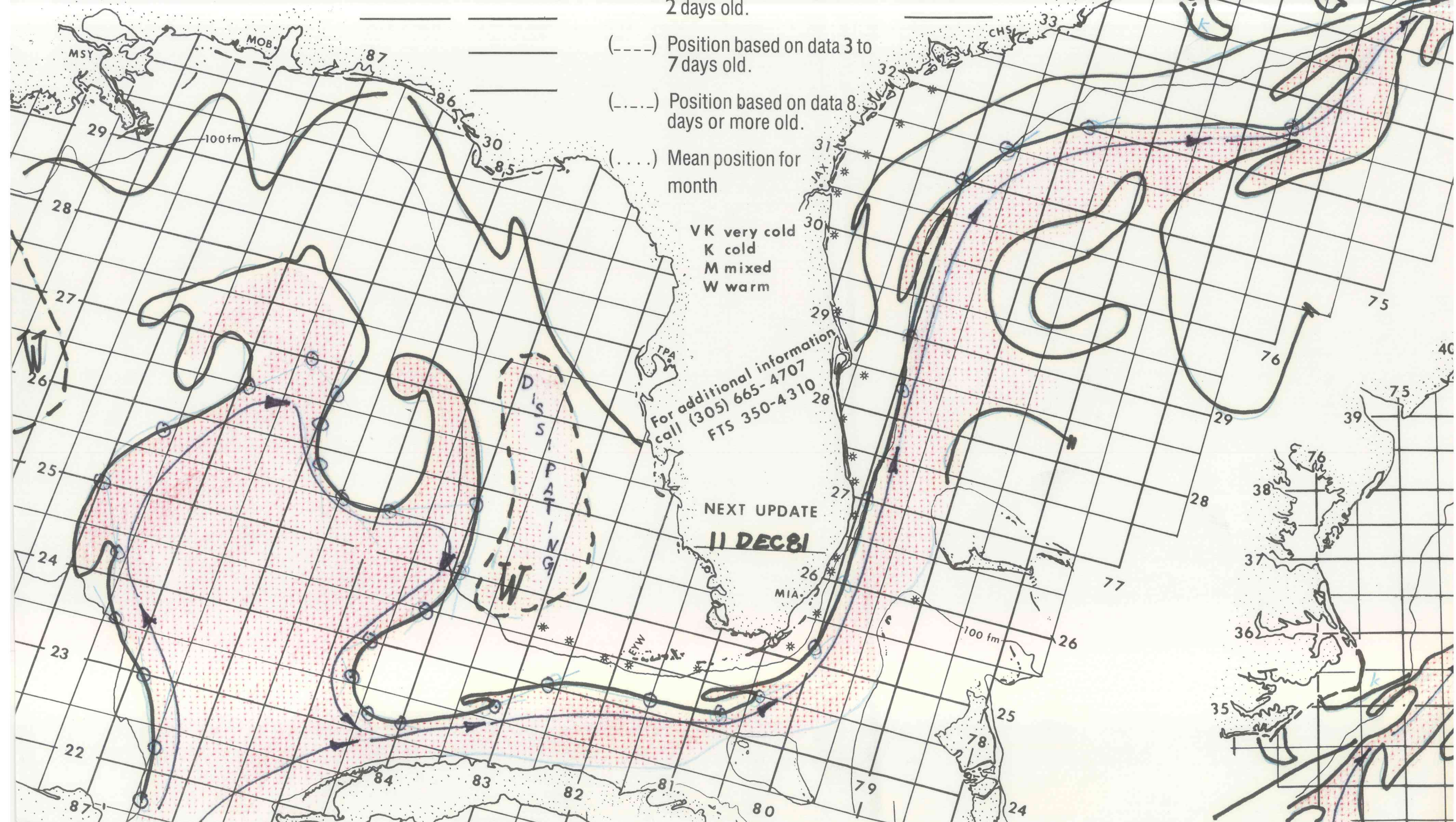
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (____) 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

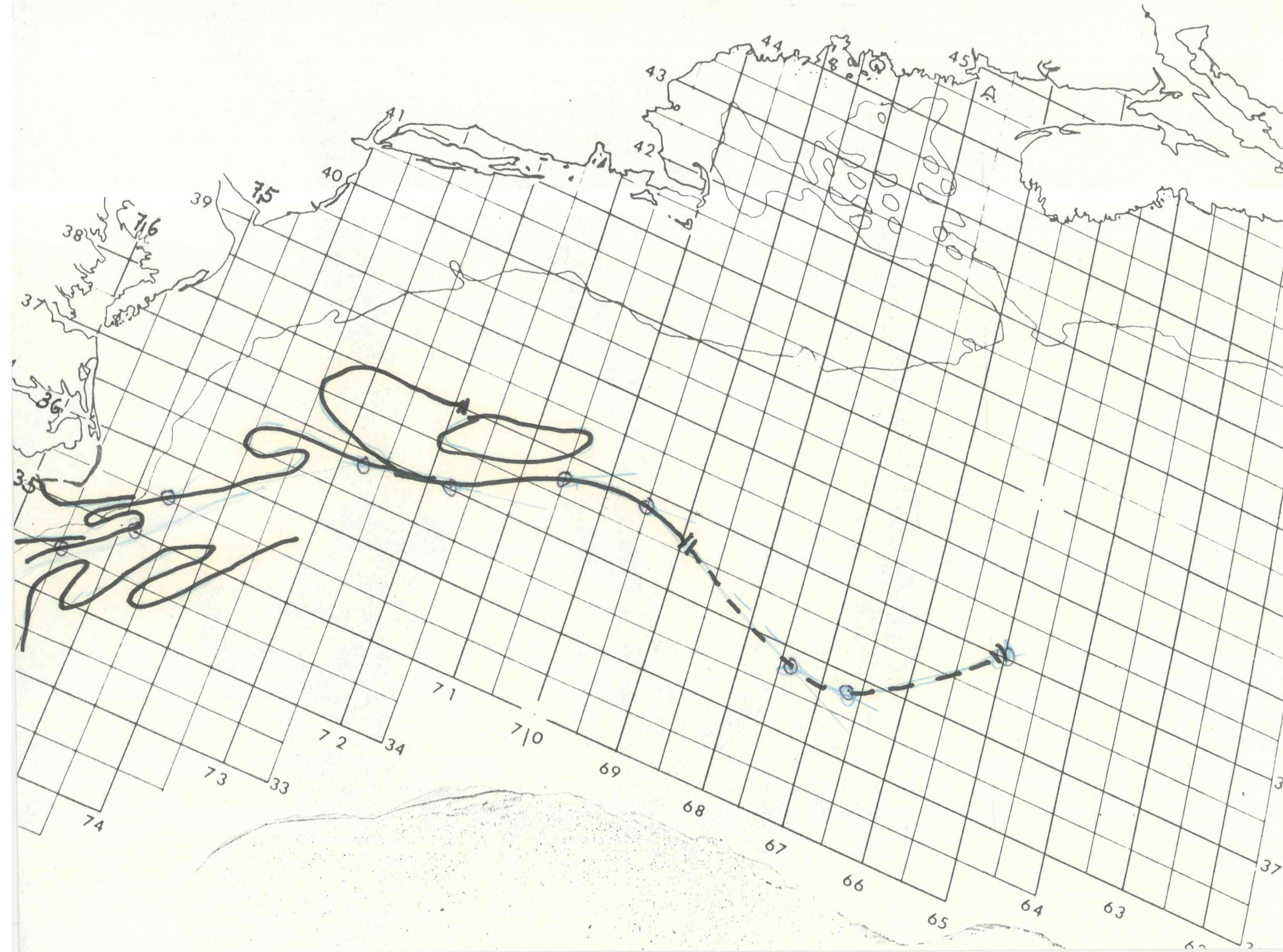
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
11 DEC 81



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 09 DEC 1981. PART B



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

Date: 09 DEC 1981

216864 223865 230869 236874 243876
 250880 258876 265869 270864 267859
 263860 258858 255855 255849 258840
 250839 245841 240846 236847 232844
 232840 236831 240826 241815 242807
 245804 252800 260799// _____

Depicted land should not be used for navigation.

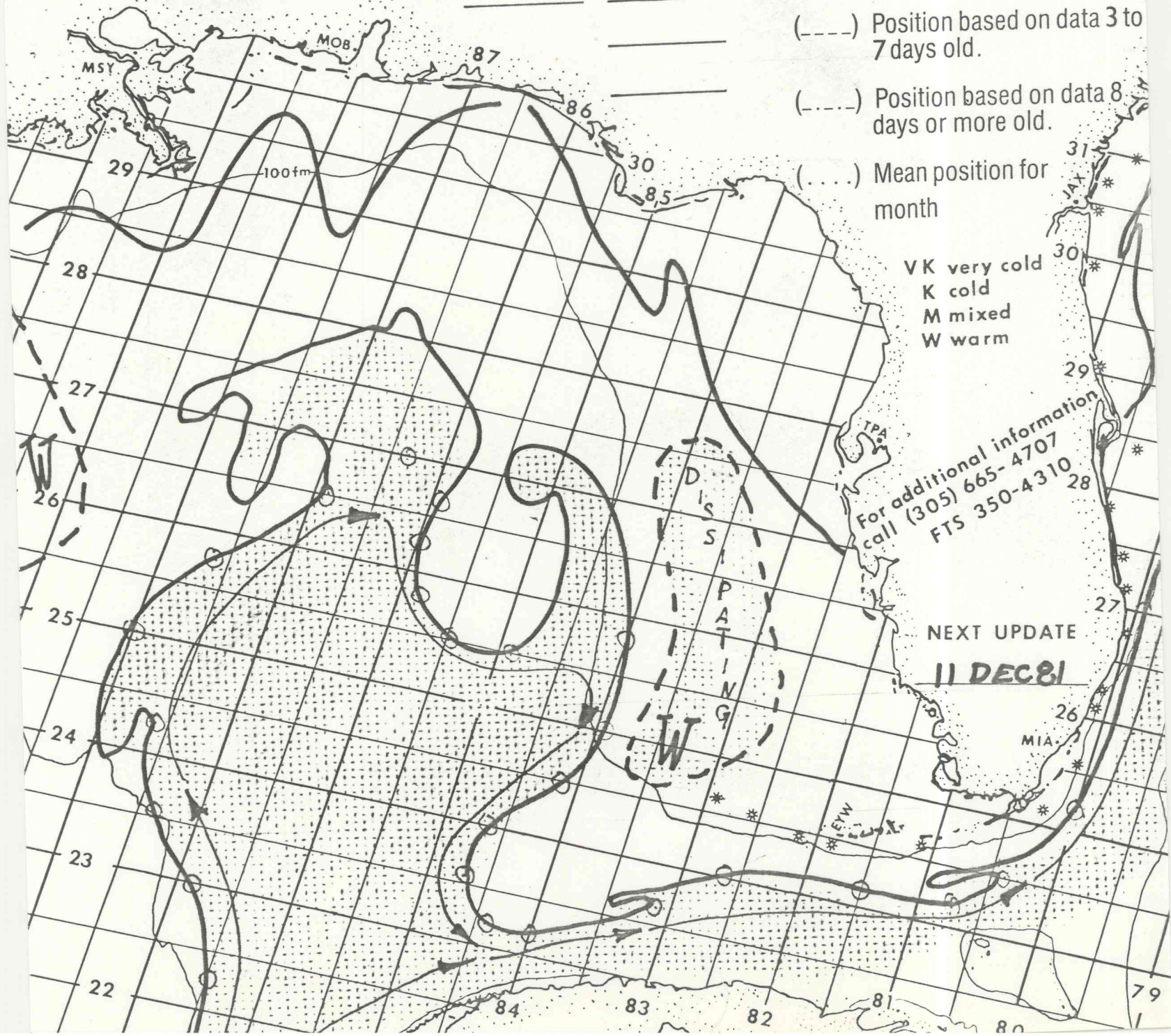
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

(____) 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



NNNN
ZCZC NTAGLNNTA

TRXX40 KNIA 091600
*NTAGLNNTA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
09 DEC 1981.

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

216864 223865 230869 236874 243876 250880 358876 265869 270864
267859 263860 258858 255855 255849 258840 250839 245841 240846
236847 232844 232840 236831 240826 241815 242807 245804 252800
260799.

DATA ARE CURRENT.

THREE WARM EDDIES ARE OBSERVED IN THE GULF OF MEXICO..ONE CENTRED
NEAR 27.5N 85.2W ABOUT 60 NM IN DIAMETER..A SECOND BOUNDED BY THE
POINTS 276839 270830 260826 257820 246821 241835 255836 272841
276839..A THIRD CENTRED NEAR 27N 90W ABOUT 120 NM IN DIAMETER.

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

A67/55/W/26. B73/60/W/26. C73/86/W/26. D80/57/W/27. E82/45/W/26.
F73/41/W/26. G53/58/W/26. H28/66/W/26. I35/43/W/26. J20/47/W/27.
K12/43/W/27. L09/50/W/27. M10/47/W/27. N11/39/W/27. O10/34/W/27.
P12/45/W/27. Q35/15/W/27. R18/55/W/27. S20/58/W/27. U44/49/W/27.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM BETWEEN E AND F...WITH AN INSIDE FRONT 66 NM EAST OF E
AND 54 NM EAST OF F.

A SECOND SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM SOUTH OF O...WITH AN INSIDE FRONT 17 NM SOUTH OF O.
WEST OF U THE SHOREWARD EDGE OF THE GULFSTREAM TENDS SOUTHWESTERLY
TOWARDS THE YUCATAN PENINSULA.

THE APPEARANCE OF SMALL MEANDERS ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM IN THE REGION BETWEEN E AND O SUGGEST THAT THE SPEED
OF THE GULFSTREAM IS INCREASING TO A MORE NORMAL VALUE. OBSERVERS
IN THE REGION OF N STILL REPORT ABNORMALLY LOW VALUES OFFSHORE...
ABOUT TWO KNOTS MAXIMUM.

DATA ARE CURRENT.

BATG

1981 DEC -9 PM 1:52

1981 DEC -9 PM 2:00

NNNN
ZCZC NTAGLNNTA

TRXX40 KNIA 091600
*NTAGLNNTA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
09 DEC 1981.

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

216864 223865 230869 236874 243876 250880 358876 265869 270864
267859 263860 258858 255855 255849 258840 250839 245841 240846
236847 232844 232840 236831 240826 241815 242807 245804 252800
260799.

DATA ARE CURRENT.

THREE WARM EDDIES ARE OBSERVED IN THE GULF OF MEXICO. ONE CENTRED
NEAR 27.5N 85.2W ABOUT 60 NM IN DIAMETER. A SECOND BOUNDED BY THE
POINTS 276839 270830 260826 257820 246821 241835 255836 272841
276839. A THIRD CENTRED NEAR 27N 90W ABOUT 120 NM IN DIAMETER.

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

A67/55/W/26. B73/60/W/26. C73/86/W/26. D80/57/W/27. E82/45/W/26.
F73/41/W/26. G53/58/W/26. H28/66/W/26. I35/43/W/26. J20/47/W/27.
K12/43/W/27. L09/50/W/27. M10/47/W/27. N11/39/W/27. O10/34/W/27.
P12/45/W/27. Q35/15/W/27. R18/55/W/27. S20/58/W/27. U44/49/W/27.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM BETWEEN E AND F... WITH AN INSIDE FRONT 66 NM EAST OF F
AND 54 NM EAST OF E.

A SECOND SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM SOUTH OF O... WITH AN INSIDE FRONT 17 NM SOUTH OF O.
WEST OF U THE SHOREWARD EDGE OF THE GULFSTREAM TENDS SOUTHWESTERLY
TOWARDS THE YUCATAN PENINSULA.

THE APPEARANCE OF SMALL MEANDERS ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM IN THE REGION BETWEEN E AND O SUGGEST THAT THE SPEED
OF THE GULFSTREAM IS INCREASING TO A MORE NORMAL VALUE. OBSERVERS
IN THE REGION OF N STILL REPORT ABNORMALLY LOW VALUES OFFSHORE...
ABOUT TWO KNOTS MAXIMUM.

DATA ARE CURRENT.

RATA

1981 DEC -9 PM 2:03

ZCZC MIAWRKCOM

TBXX 40 KMIA 091600

MIAGLMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

09 DEC 1981.

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

216864 223865 230869 236874 243876 250880 358876 265869 270864
267859 263860 258858 255855 255849 258840 250839 245841 240846
236847 232844 232840 236831 240826 241815 242807 245804 252800
260799.

DATA ARE CURRENT.

THREE WARM EDDIES ARE OBSERVED IN THE GULF OF MEXICO..ONE CENTRED
NEAR 27.5N 85.2W ABOUT 60 NM IN DIAMETER..A SECOND BOUNDED BY THE
POINTS 276839 270830 260826 257820 246821 241835 255836 272841
276839..A THIRD CENTRED NEAR 27N 90W ABOUT 120 NM IN DIAMETER.

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

A67/55M/26. B73/60M/26. C73/86M/26. D80/57M/27. E82/45M/26.
F73/41M/26. G53/58M/26. H28/66M/26. I35/43M/26. J20/47M/27.
K12/43M/27. L09/50M/27. M10/47M/27. N11/39M/27. O10/34M/27.
P12/45M/27. Q35/15M/27. R18/55M/27. S20/58M/27. U44/49M/27.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM BETWEEN E AND F...WITH AN INSIDE FRONT 66 NM EAST OF E
AND 54 NM EAST OF F.

A SECOND SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM SOUTH OF Q...WITH AN INSIDE FRONT 17 NM SOUTH OF Q.
WEST OF U THE SHOREWARD EDGE OF THE GULFSTREAM TENDS SOUTHWESTERLY
TOWARDS THE YUCATAN PENINSULA.

THE APPEARANCE OF SMALL MEANDERS ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM IN THE REGION BETWEEN E AND Q SUGGEST THAT THE SPEED
OF THE GULFSTREAM IS INCREASING TO A MORE NORMAL VALUE. OBSERVERS
IN THE REGION OF N STILL REPORT ABNORMALLY LOW VALUES OFFSHORE...
ABOUT TWO KNOTS MAXIMUM.

DATA ARE CURRENT.

NNNN↓↓A
ZCZC WBC259
SXNT1 KWBC 092228
GULF STREAM LOCATION † THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.9 28.4/79.9 29.0/80.0
30.1/80.0 31.0/79.7 31.5/79.3 32.0/78.3
32.6/76.6 32.9/76.2 34.0/75.8 35.2/75.0
36.4/73.3 36.9/72.5 37.0/71.9 38.0/69.6
37.3/67.8 37.3/67.0 38.3/65.0

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

COLD EDDIESO 35.2/67.9/65 NMI. DIAM.⊙ 30.5/76.3/65 NMI. DIAM.

WARM EDDIESO 39.1/66.3/110 NMI. DIAM.⊙ 39.9/63.2/105 NMI. DIAM.

LATEST SATELLITE DATAO 12/9/81 AT 1200Z

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 11 DEC 1981

215864 223865 228868 238877 245878
 255878 266870 279868 280860 274858
 263859 257857 252851 245840 236844
 230845 229843 238834 238826 239820
 242815 242809 244805 247802 254798
 260799//

270799 290800 303800 317792 324774
 327764 344756 350749 355746 367731
 370715 379703 380694 368674
 367664 371657// SUB

Depicted land should not be used for navigation.

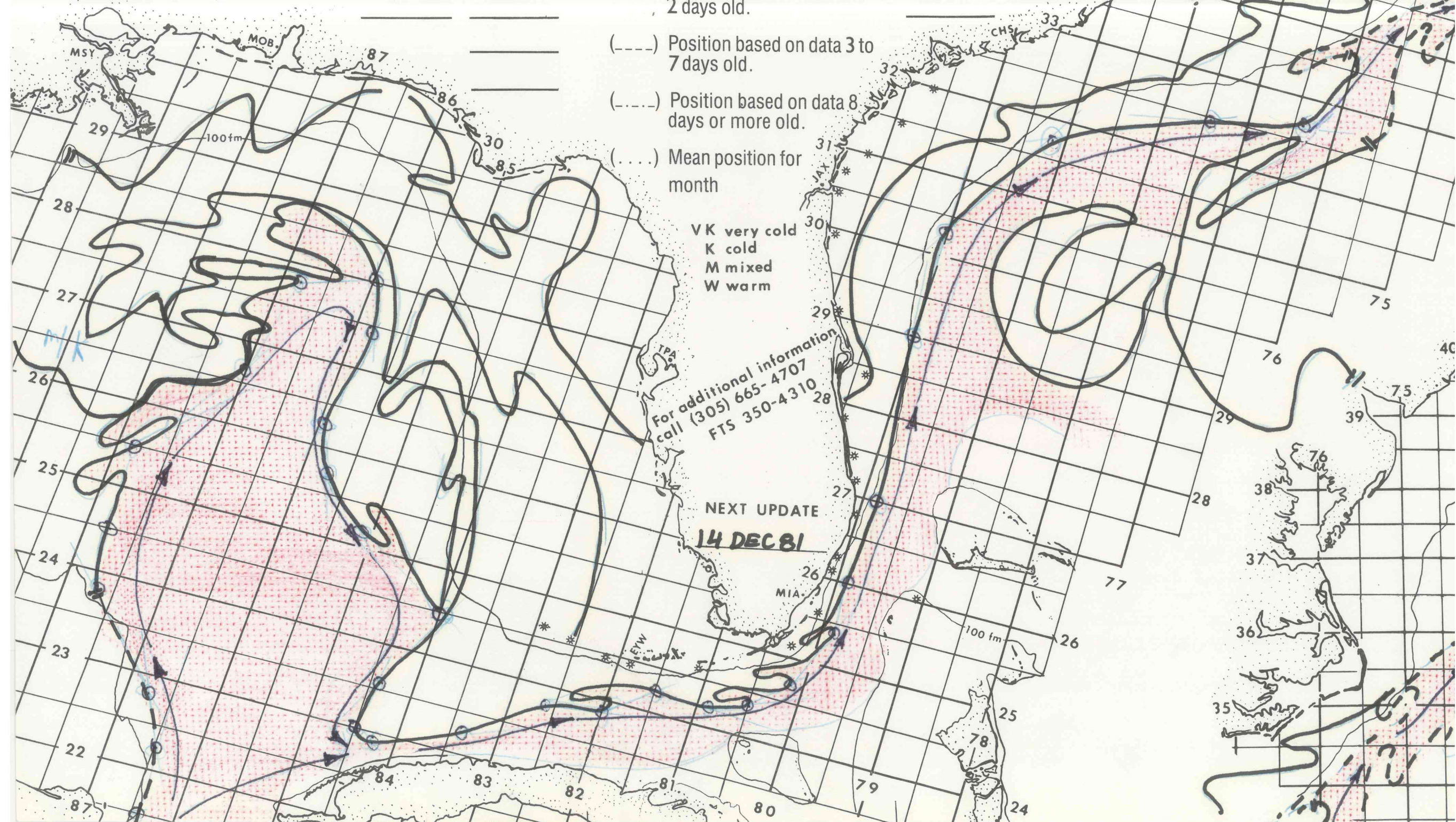
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) 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

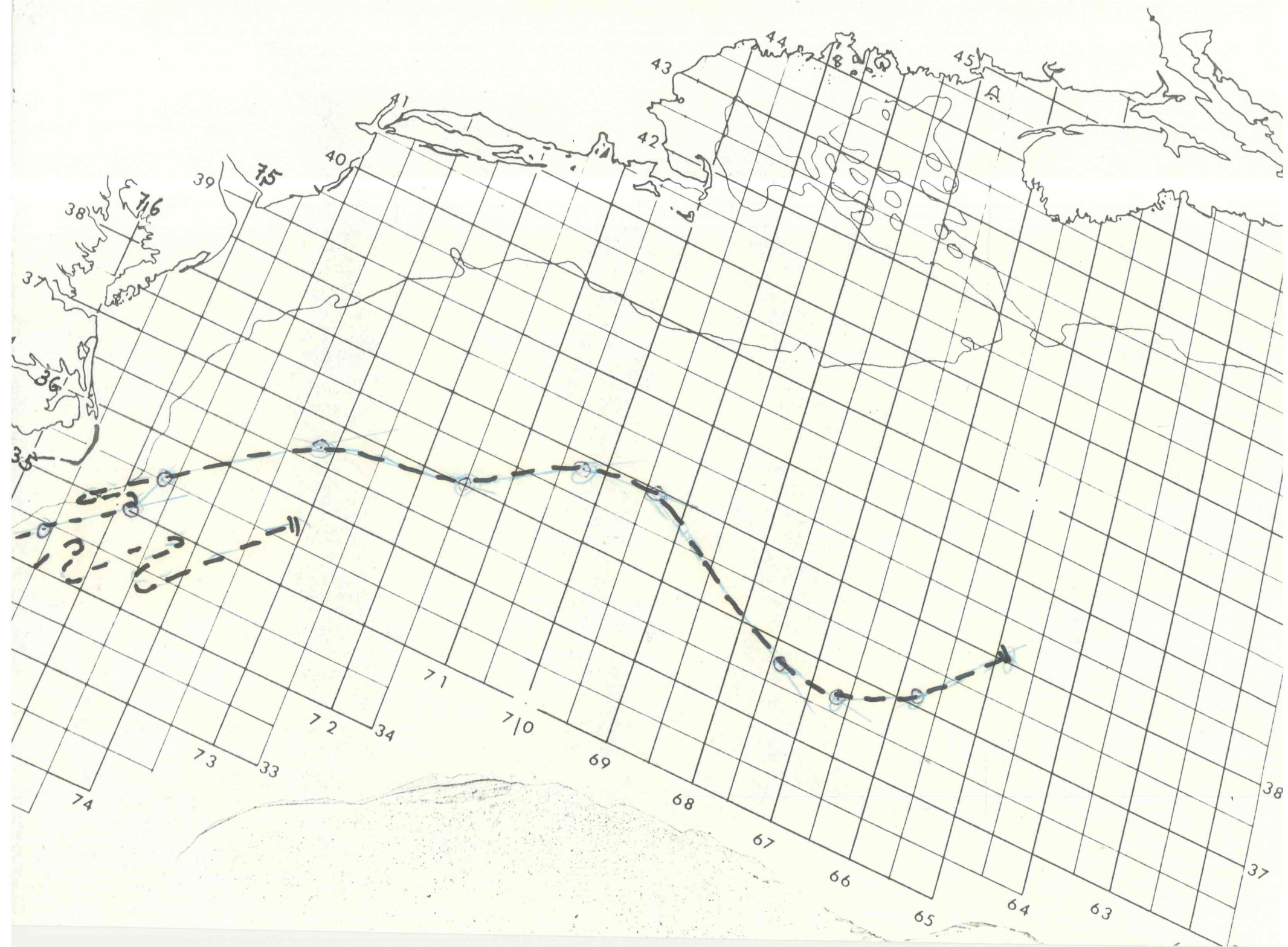
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
14 DEC 81



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 11 DEC 1981 PART B



↓↓A

ZCZC WBC694

SKNT1 KWBC 112210

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

27.0/79.9	29.0/80.0	30.3/80.0
31.3/79.9	32.0/79.0	32.5/76.7
34.4/75.6	35.0/75.0	36.4/73.3
36.9/72.5	37.0/71.9	38.0/69.6
37.3/67.8	37.3/67.0	38.3/65.0

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

COLD EDDIESO 30.5/76.3/65NMI DIAM.

WARM EDDIESO 39.1/66.3/110 NMI DIAM.

LATES SATELLITE DATAO 12/11/81 1200Z

NNNN↓↓A
ZCZC WBC650
TBXX40 KMIA 111845
MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
11 DEC 1981.

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

215864 223865 228868 238877 245878 255878 266870 279868 280860
274858 263859 257857 252851 245840 236844 230845 229843 238834
238826 239820 242815 242809 244805 247802 254798 260799.

DATA ARE CURRENT...EXCEPT SOUTH OF 238877.

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

A81/36/M/25. B79/54/M/25. C90/57/M/25. D92/42/M/25. E85/41/M/25.
F73/42/M/26. G56/70/M/26. H26/68/M/26. I39/43/M/26. J24/45/M/26.
K18/36/M/26. L10/45/M/26. M13/46/M/27. N12/41/M/26. O10/34/M/26.
P12/46/M/26. Q30/20/M/26. R14/60/M/27. S38/40/M/27. U61/29/M/27.

SMALL MEANDERS ARA OBSERVED ALONG THE SHOREWARD↓↓A

ZCZC WBC650

TBXX40 KMIA 111845

MIAGLMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
11 DEC 1981.

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

215864 223865 228868 238877 245878 255878 266870 279868 280860
274858 263859 257857 252851 245840 236844 230845 229843 238834
238826 239820 242815 242809 244805 247802 254798 260799.

DATA ARE CURRENT...EXCEPT SOUTH OF 238877.

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

A81/36/M/25. B79/54/M/25. C90/57/M/25. D92/42/M/25. E85/41/M/25.
F73/42/M/26. G56/70/M/26. H26/68/M/26. I39/43/M/26. J24/45/M/26.
K18/36/M/26. L10/45/M/26. M13/46/M/27. N12/41/M/26. O10/34/M/26.
P12/46/M/26. Q30/20/M/26. R14/60/M/27. S38/40/M/27. U61/29/M/27.

SMALL MEANDERS ARA OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN O AND P WITH AN INSIDE FRONT NEAR THE 100 FM LINE
.....TWO BETWEEN P AND Q WITH AN INSIDE FRONT 6 TO 12 MILES SEA
WARD OF THE 100 FM LINE.....AND AT S WITH AN INSIDE FRONT 21 NM
SOUTH OF S.

THE APPEARANCE OF SMALL MEANDERS ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM IN THE REGION BETWEEN E AND Q SUGGEST THAT THE SPEED
OF THE GULFSTREAM IS INCREASING TO A MORE NORMAL VALUE. OBSERVERS
IN THE REGION OF N STILL REPORT ABNORMALLY LOW VALUES OFFSHORE...
ABOUT TWO KNOTS MAXIMUM.

DATA ARE CURRENT.

BAIG

NNNN
ZCZC NTAGLMMIA
WOU500 KNHC 112000
TRXX40 KMTA 111845
NTAGLMMIA

1981 DEC 11 PM 2:10

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
11 DEC 1981.

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

215864 223865 228868 238877 245878 255878 266870 279868 280860
274858 263859 257857 252851 245840 236844 230845 229843 238834
238826 239820 242815 242809 244805 247802 254798 260799.
DATA ARE CURRENT...EXCEPT SOUTH OF 238877.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
AA1/36/W/25. R79/54/W/25. C90/57/W/25. D92/42/W/25. E85/41/W/25.
F73/42/W/26. G56/70/W/26. H26/68/W/26. I39/43/W/26. J24/45/W/26.
K18/36/W/26. L10/45/W/26. M13/46/W/27. N12/41/W/26. O10/34/W/26.
P12/46/W/26. Q30/20/W/26. R14/60/W/27. S38/40/W/27. U61/29/W/27.

SMALL MEANDERS ARE OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN O AND P WITH AN INSIDE FRONT NEAR THE 100 FM LINE
.....TWO BETWEEN P AND Q WITH AN INSIDE FRONT 6 TO 12 MILES SEA
WARD OF THE 100 FM LINE.....AND AT S WITH AN INSIDE FRONT 21 NM
SOUTH OF S.

THE APPEARANCE OF SMALL MEANDERS ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM IN THE REGION BETWEEN E AND O SUGGEST THAT THE SPEED
OF THE GULFSTREAM IS INCREASING TO A MORE NORMAL VALUE. OBSERVERS
IN THE REGION OF N STILL REPORT ABNORMALLY LOW VALUES OFFSHORE...
ABOUT TWO KNOTS MAXIMUM.
DATA ARE CURRENT.

RATG

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 14 DEC 1981

215865 221865 226868 230874 243878
 253877 260878 269877 270870 278867
 278859 273858 264859 260858 255855
 250849 246844 240845 234844 228846
 233838 234833 239824 240819 244807
 248800 254798 260799|| _____

270799 280799 290800 304800 310797
 315790 316786 321781 326784 342754
 350750 364734 379701 379694 36
 372682 372674 377661|| 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.

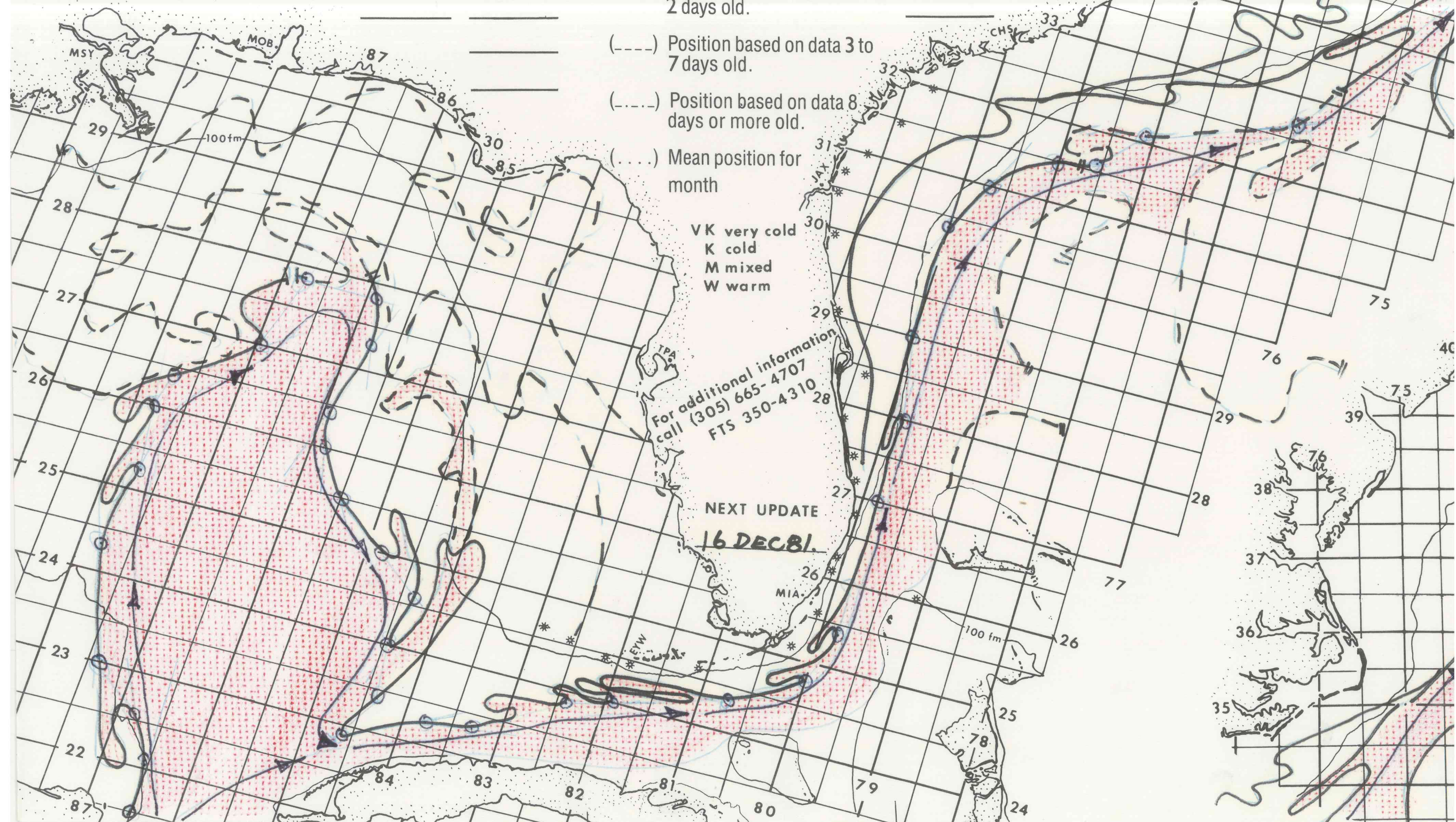
- (____) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (-----) Position based on data 8 days or more old.
- (.....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

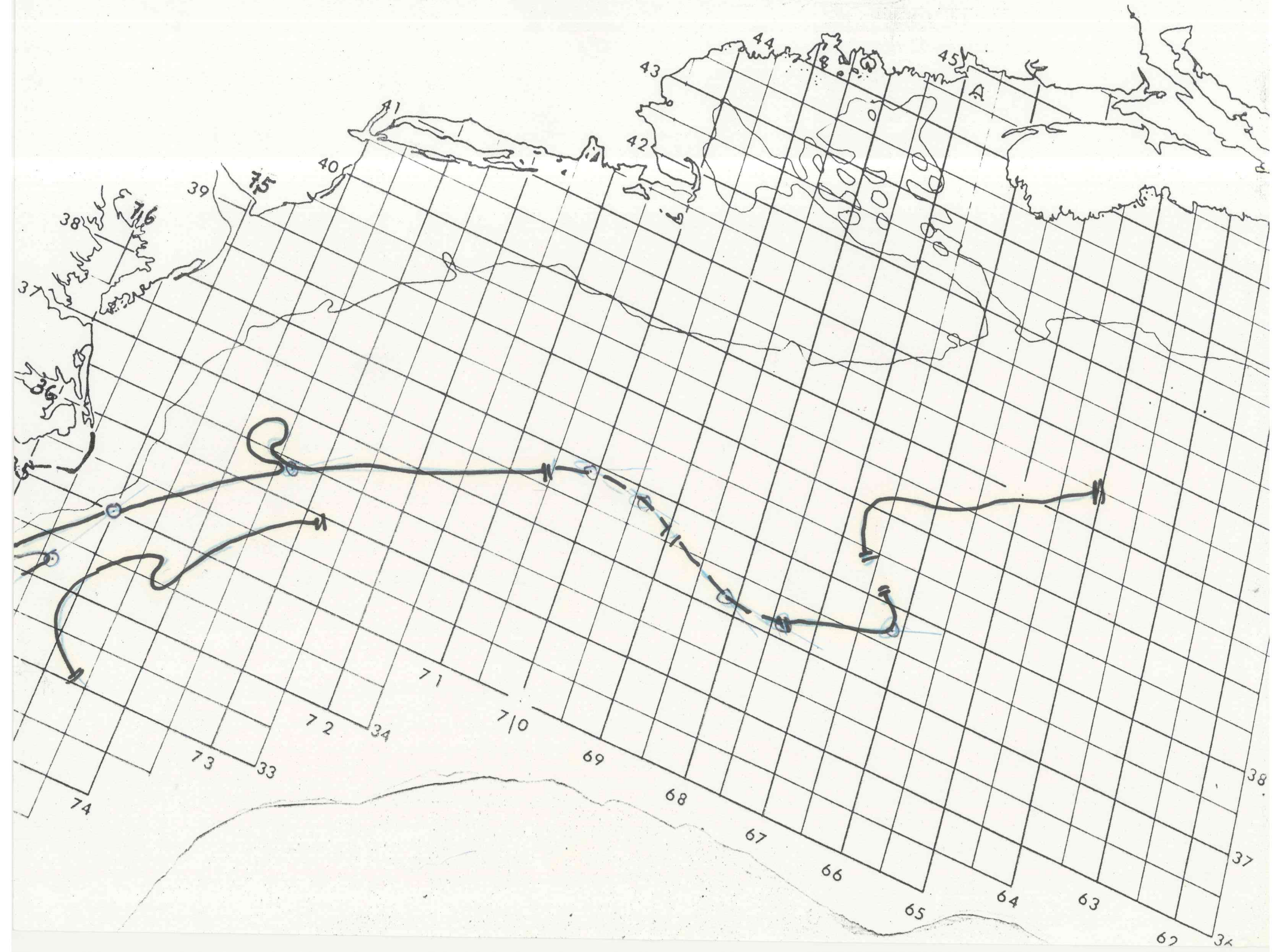
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

16 DEC 81



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 14 DEC 1981. PART B



NNNN
7070 MIAMI MIA

TRXX40 KMTA 141215
MIAMI MIA
MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
14 DEC 1991.

1991 DEC 14 PM 1:37

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

215865 221865 226868 230874 243878 253877 260878 269877 270878
278867 279859 273858 264859 260858 255855 250849 246844 240845
234844 228846 223838 234833 229824 240819 244807 248800 254798
260799. DATA ARE CURRENT.

MIAMI SESS SELECTED GULF STREAM DATA FOR NOAA WEATHER BATHY...
881/44/M/25. 880/64/M/25. 090/51/M/25. 092/49/M/25. 086/46/M/25.
074/46/M/26. 056/71/M/26. 424/65/M/26. 139/42/M/26. 322/45/M/26.
119/38/M/26. 111/43/M/26. 015/45/M/27. 015/38/M/26. 011/32/M/26.
015/44/M/26. 022/27/M/26. 020/52/M/27. 522/43/M/27. 052/41/M/27.
SMALL MEANDERS ARE OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN I AND II.

THE APPEARANCE OF SMALL MEANDERS ALONG THE SHOREWARD EDGE OF THE
GULF STREAM IN THE REGION BETWEEN I AND II SUGGESTS THAT THE SPEED
OF THE GULF STREAM IS INCREASING TO A MORE NORMAL VALUE. OBSERVERS
IN THE REGION OF II STILL REPORT ABNORMALLY LOW VALUES OFFSHORE...
ABOUT TWO KNOTS MAXIMUM.
DATA ARE CURRENT.

DATA

NNNN

NNNN↓↓A

ZCZC WBC303

TBXX40 KMIA 141815

MIAGLMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
14 DEC 1981.

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

215865 221865 226868 230874 243878 253877 260878 269877 270870
278867 278859 275858 264859 260858 255855 250849 246844 240845
234844 228840 233838 234833 239824 240819 244807 248800 254798
260799. DATA ARE CURRENT.

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

A81/44/M/25. B80/64/M/25. C90/51/M/25. D92/49/M/25. E86/46/M/25.
F74/46/M/26. G56/71/M/26. H24/65/M/26. I39/42/M/26. J22/45/M/26.
K19/38/M/26. L11/43/M/26. M15/45/M/27. N15/38/M/26. O11/32/M/26.
P15/44/M/26. Q22/27/M/26. R20/52/M/27. S32/43/M/27. U52/41/M/27.

SMALL MEANDERS ARE OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN I AND U.

THE APPEARANCE OF SMALL MEANDERS ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM IN THE REGION BETWEEN I AND U SUGGESTS THAT THE SPEED
OF THE GULFSTREAM IS INCREASING TO A MORE NORMAL VALUE. OBSERVERS
IN THE REGION OF N STILL REPORT ABNORMALLY LOW VALUES OFFSHORE...
ABOUT TWO KNOTS MAXIMUM.

DATA ARE CURRENT.

BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 16 DEC 1981

215865 218865 227868 234874 245879
 255876 264877 270869 277867 277860
 275858 264860 258858 254854 247844
 236846 230846 229845 234835 238825
 242815 244819 248803 255800 260799//

270798 282798 298799 312794 315790
 315785 324772 325767 330761 340750
 364733 380698 379692 372678 36
 372673 378659// 8700

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.

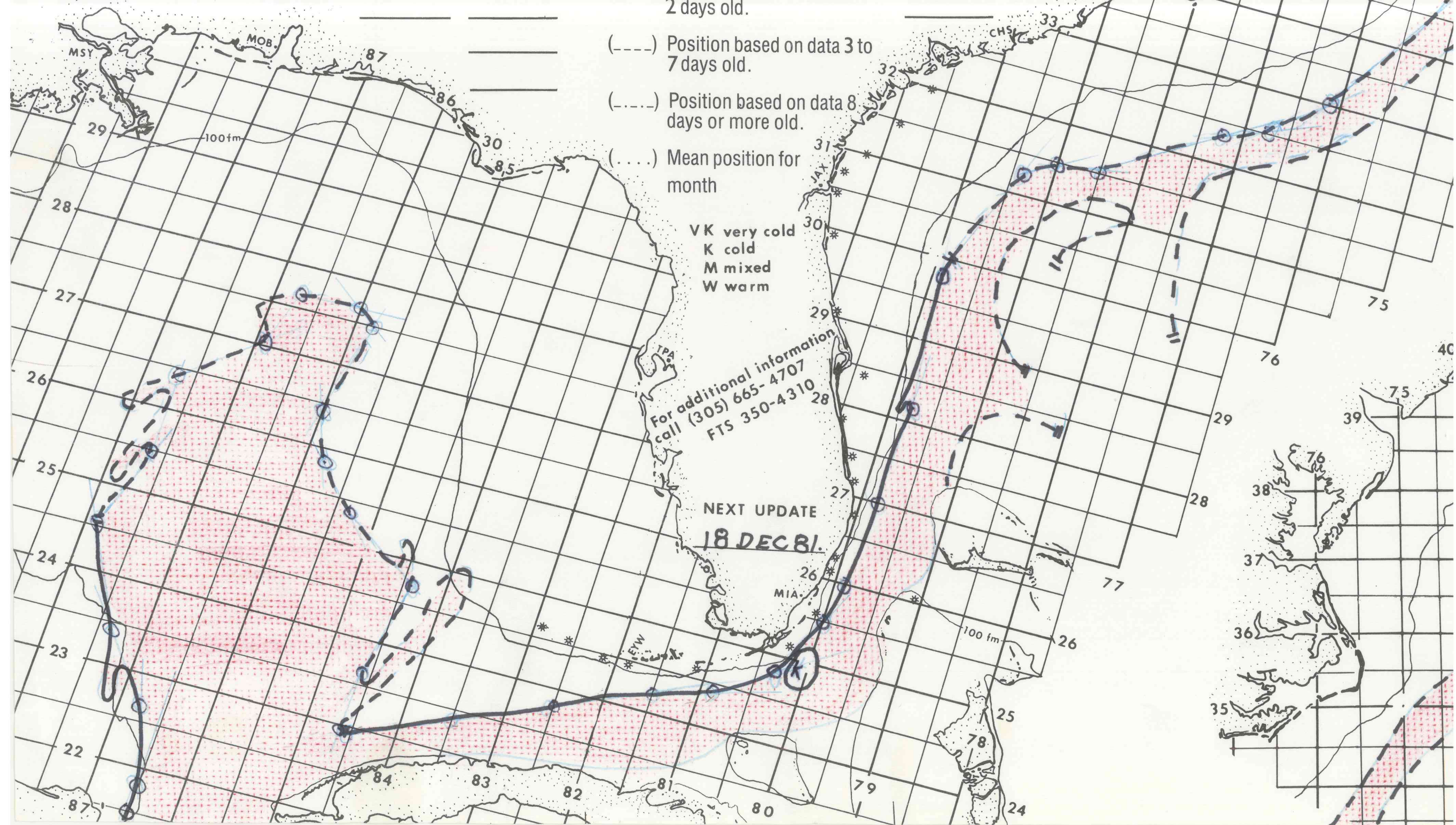
- (——) Position based on data 0 to 2 days old.
- (- - - -) Position based on data 3 to 7 days old.
- (. . . .) Position based on data 8 days or more old.
- (. . . .) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

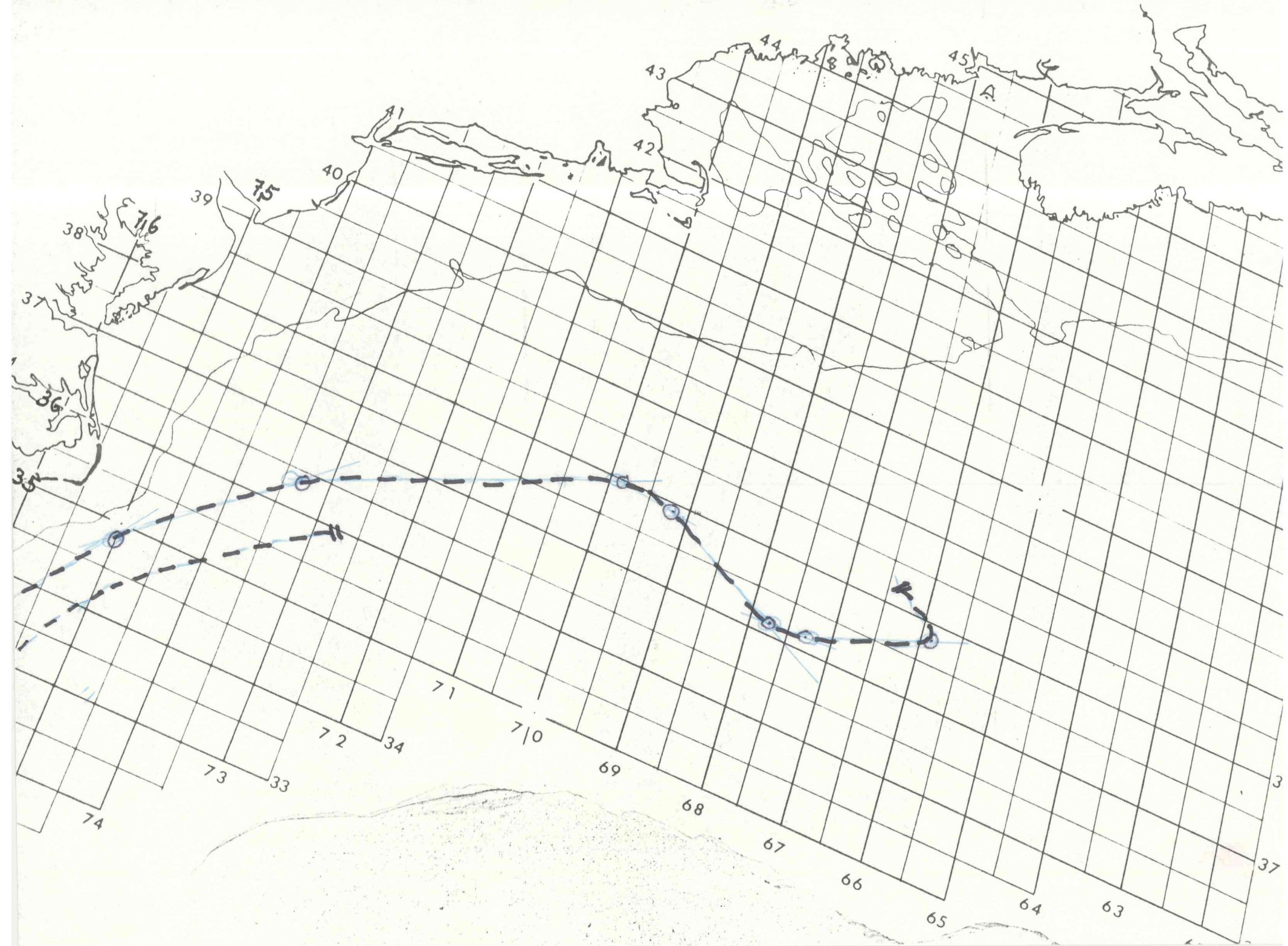
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

18 DEC 81.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 16 DEC 1981. PART B



1981 DEC 16 AM 9:21

NNNN

ZCZC NTAGI NNTA

TRXX40 NNTA 161400

NTAGI NNTA

MIAMI SERS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
16 DEC 1981.

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

215865 218865 227868 234874 245879 255876 264877 270869 277867
277868 275858 264868 258858 254854 247844 236846 230846 229845
234835 230825 242815 244809 248803 255800 260799.

DATA ARE CURRENT ONLY SOUTH OF 245879 AND EAST OF 229845.

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

094/29/M/25. 096/46/M/25. 0105/28/M/25. 0107/24/M/25. 0101/24/M/25.
085/26/M/26. 062/49/M/26. 430/67/M/26. 140/40/M/26. 325/47/M/26.
K18/26/M/26. 117/45/M/26. 014/46/M/26. 013/26/M/26. 008/35/M/26.
005/56/M/26. 019/37/M/26. 021/53/M/27. 029/50/M/27. 064/30/M/27.

A SMALL COOL Eddy IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT 0.

REI TARI F OBSERVERS REPORT A CURRENT OF 4 KNOTS ABOUT 20 NM EAST OF
N AND O.

DATA ARE CURRENT ONLY FROM F THROUGH O... REMAINDER FROM 14 DEC 81.

DATA

NNNN

V

ZCZC

SK NT 1 KWBC 182005

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

27.0/79.8	29.0/79.9	30.2/79.9	31.0/79.7
31.4/79.1	31.8/77.5	32.0/77.3	33.1/77.1
33.3/75.9	33.7/75.5	35.2/75.0	35.8/74.2
36.6/72.4	37.7/70.0	38.3/68.9	37.4/67.1
37.6/66.7	38.1/66.4	37.2/65.1	

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

COLD EDDIES 32.7/74.8/50 MMI DIAM.
WARM EDDIES NONE DISCERNABLE
LATEST SATELLITE DATA 12/18/81 1200Z

NNNN

7070 NTAGL NNTA

TAXY40 KNTA 181445

4NTAGL NNTA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT DEC 18 AM 10:00
18 DEC 1981.

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

245865 222866 231877 235874 243878 250878 255880 265877 275861
286858 279850 272847 264854 259858 256859 252854 248848 242844
231847 229845 234835 238825 241820 243810 245806 249801 253799
260799. DATA ARE CURRENT EXCEPT BETWEEN 236845 AND 241820.

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

894/41/M/25. 890/65/M/25. 094/53/M/25. 084/53/M/25. F94/38/M/25.
F81/40/M/26. G61/60/M/26. H29/50/M/26. I37/43/M/26. J24/43/M/26.
K19/37/M/26. L12/44/M/26. M14/45/M/26. N14/38/M/26. O14/30/M/26.
P09/49/M/26. Q22/25/M/26. R20/54/M/27. S29/48/M/27. H63/31/M/27.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN P AND Q.

RELIABLE OBSERVERS REPORT A CURRENT OF 4 KNOTS ABOUT 20 NM EAST OF
N AND O.

DATA ARE CURRENT EXCEPT S AND H. WIDTHS ARE BASED ON DATA EIGHT
OR MORE DAYS OLD.

BATG

NNNN

↓↓A

ZCZC WBC352

SKNT1 KWBC 182005

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

27.0/79.8	29.0/79.9	30.2/79.9	31.0/79.7
31.4/79.1	31.8/77.5	32.0/77.3	33.1/77.1
33.3/75.9	33.7/75.5	35.2/75.0	35.8/74.2
36.6/72.4	37.7/70.0	38.3/68.9	37.4/67.1
37.6/66.7	38.1/66.4	37.2/65.1	

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

COLD EDDIESO 32.7/74.8/50 NMI DIAM.

WARM EDDIESO NONE DISCERNABLE

LATEST SATELLITE DATAO 12/18/81 1200Z

NNNN↓↓A

ZCZC WBC353

SKNT1 KWBC 182005

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

27.0/79.8	29.0/79.9	30.2/79.9	31.0/79.7
31.4/79.1	31.8/77.5	32.0/77.3	33.1/77.1
33.3/75.9	33.7/75.5	35.2/75.0	35.8/74.2
36.6/72.4	37.7/70.0	38.3/68.9	37.4/67.1
37.6/66.7	38.1/66.4	37.2/65.1	

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

COLD EDDIESO 32.7/74.8/50 NMI DIAM.

WARM EDDIESO NONE DISCERNABLE

LATEST SATELLITE DATAO 12/18/81 1200Z

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 21 DEC 1981

215865 220866 229876 242879 249879
256882 261880 267870 272865 278858
284853 275848 270848 263855 256861
250852 244844 235846 230845 230842
233834 234828 246820 244809 248803
254801 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.

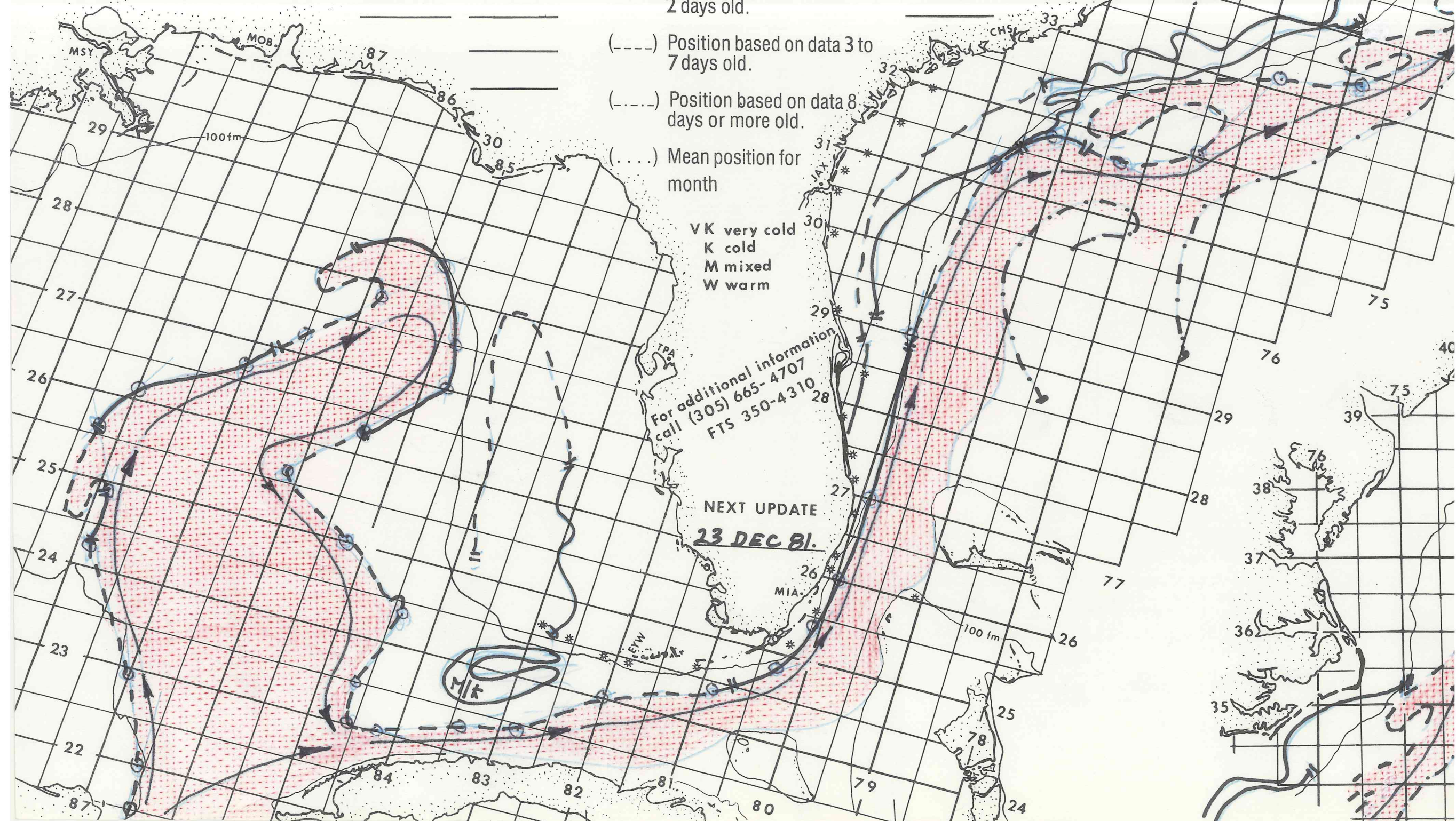
270799 290800 313797 318792 317783
320775 331768 334759 345749 359740
366722 375709 375699 380689 36
380682 370667 370662 375655
385652 // 80 8

- (____) 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

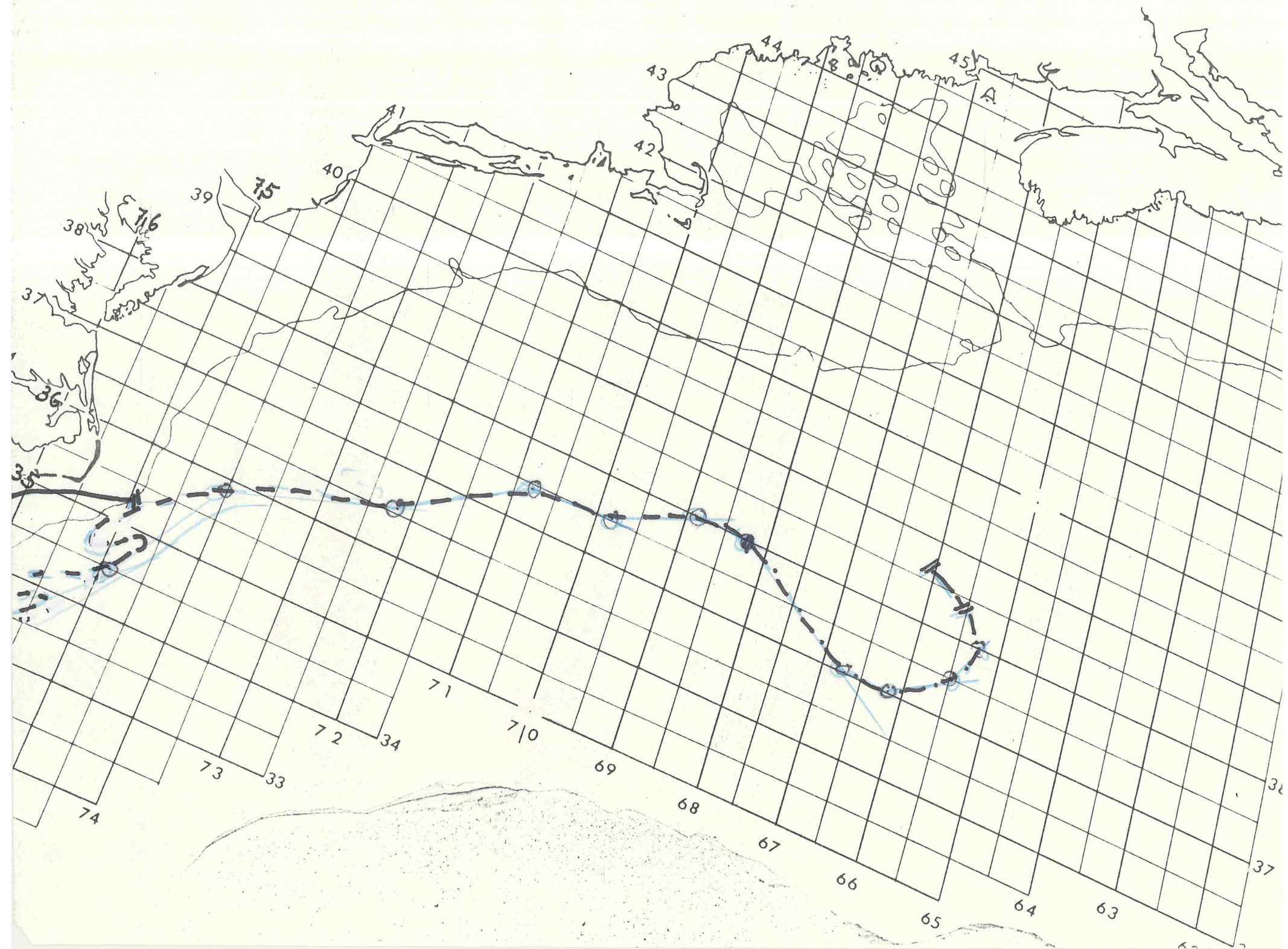
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
23 DEC 81.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 21 DEC 1981 PART B



NNNN
7070 MIAO MIA

1981 DEC 21 AM 11:17

TRVYAB KMTA 011400

MIAO MIA

MIAO 0500 ANALYSIS OF THE GULF OF MEXICO 1000 CURRENT
21 DEC 1981

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

015000 020000 025000 030000 035000 040000 045000 050000 055000 060000
065000 070000 075000 080000 085000 090000 095000 100000 105000
110000 115000 120000 125000 130000 135000 140000 145000 150000
DATA ARE CURRENT ONLY FROM 080000 TO 070000 AND FROM 040000 TO
040000. OBSERVATION FROM 10 DEC 81.

MIAO 0500 SELECTED CURRENT DATA FOR NOAA WEATHER BATHY

075/50/W/04 089/71/W/04 094/64/W/04 093/50/W/04 091/42/W/04
097/47/W/05 057/66/W/05 026/60/W/05 120/45/W/05 120/47/W/05
114/41/W/05 106/50/W/05 110/50/W/05 109/41/W/05 105/37/W/05
067/55/W/05 090/31/W/05 097/46/W/05 094/43/W/05 119/14/W/07

DATA ARE CURRENT ONLY FROM 6 THROUGH 0

FOR TABLE OBSERVATIONS REPORT A CURRENT OF 4 KNOTS ABOUT 20 NM EAST OF
W AND 0

DATA

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 23 DEC 1981

215867 224868 228871 235873 244875
249880 256883 260882 265877 270872
273862 282855 277849 273850 269847
264850 262853 255853 249850 243844
237844 232840 232837 234834 234827
236821 240815 244810 250801 252800
260799 // _____

270799 306800 315796 321789 321771
330767 335759 345750 352749 362739
367728 367715 379694 380682 36
368662 370656 378650 // SRB

Depicted land should not be used for navigation.

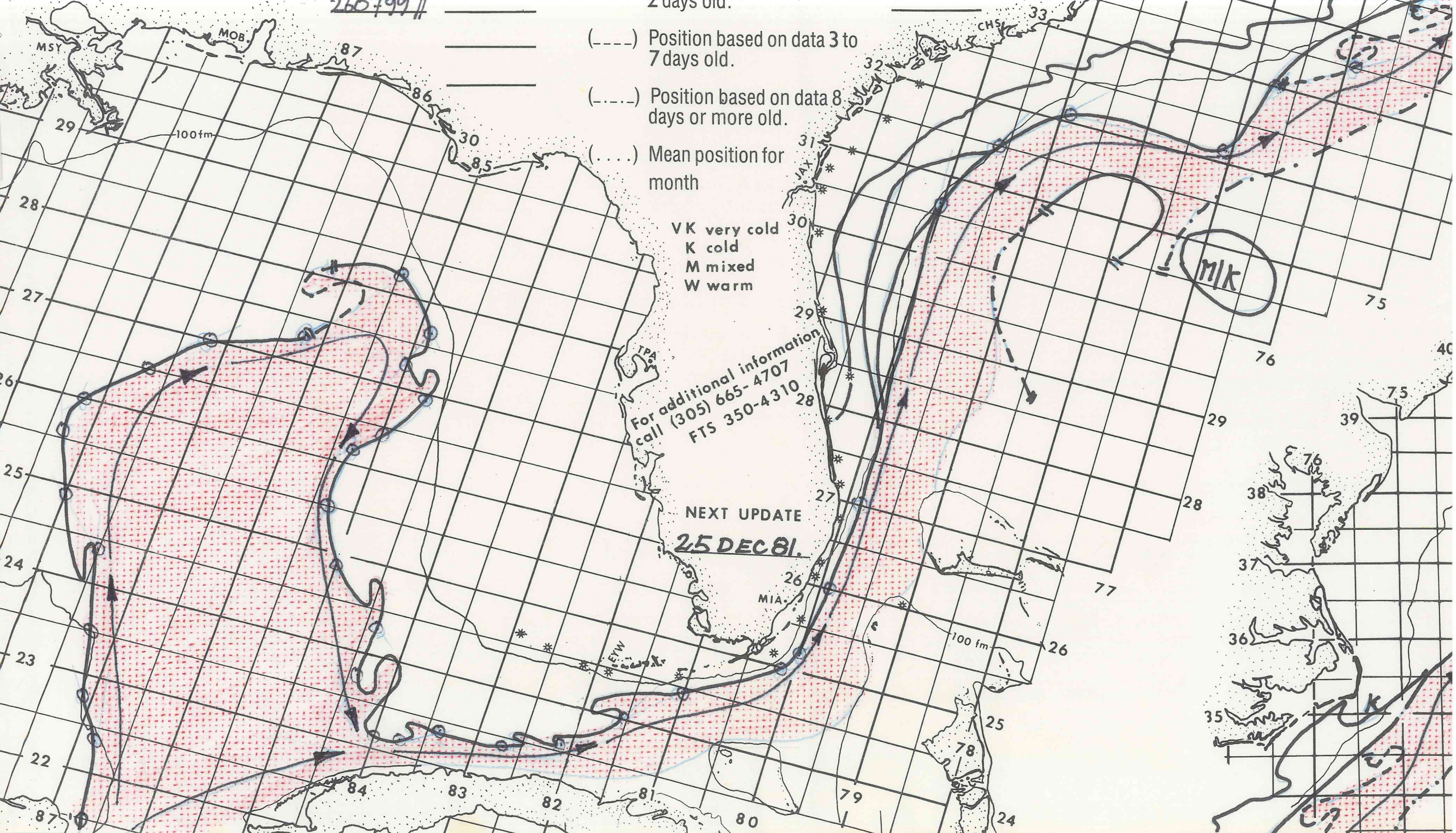
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (____) 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

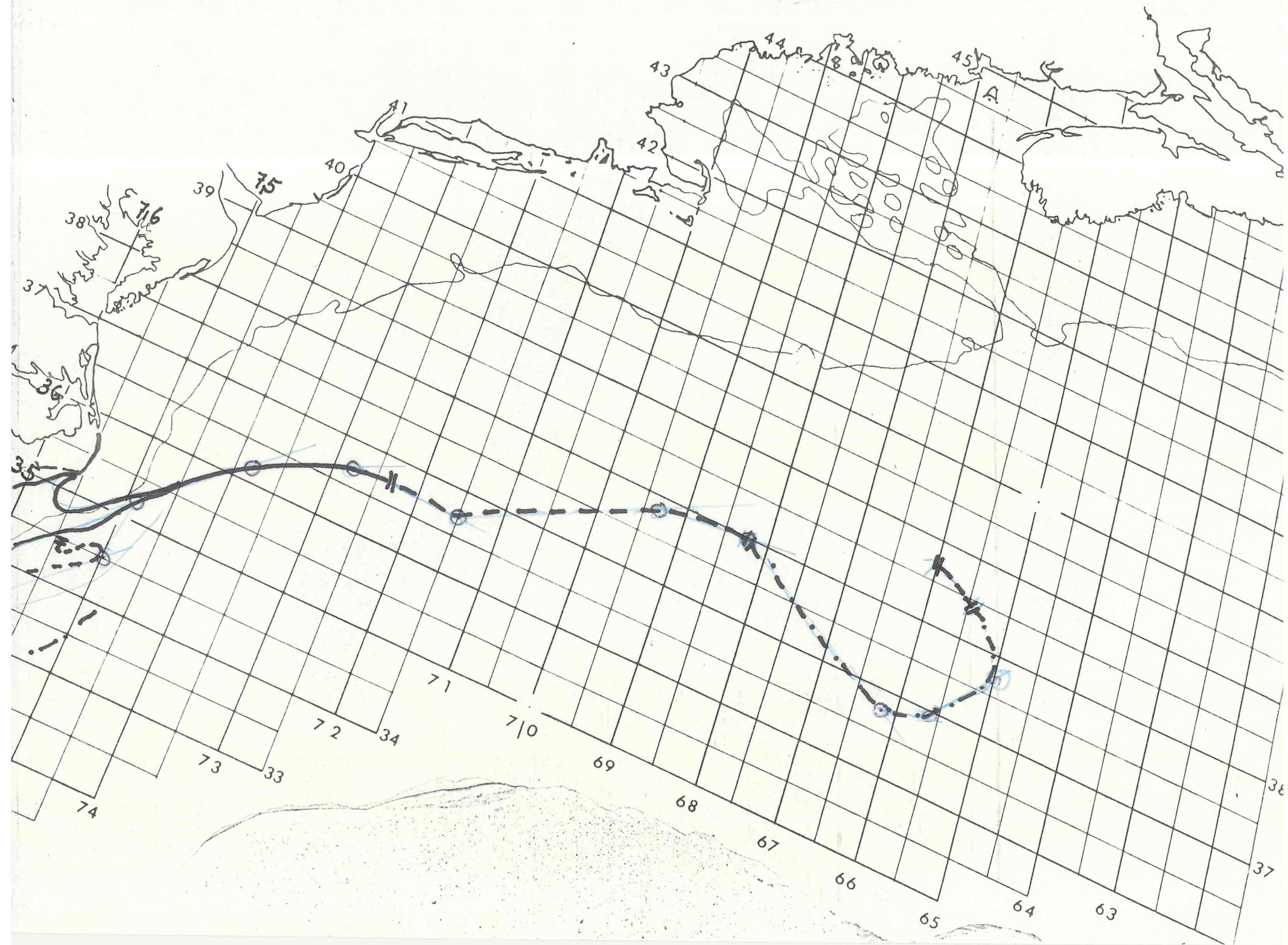
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
25 DEC 81.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 23 DEC 1981. PART B



NNNN

1981 DEC 23 AM 11:19

7070 MIAMI MM1A

TRXV40 KM1A 221545

MIAMI MM1A

MIAMI SSSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
23 DEC 1981

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

245867 224869 228871 235873 244875 249880 256883 261887 265877
270872 273862 282855 277849 273850 269847 264850 262853 255853
249850 243844 237844 232840 229837 224834 224827 226821 240815
244810 250804 252800 260799 . DATA ARE CURRENT.

MIAMI SSSS SELECTED GULF ESTREAM DATA FOR WIND WEATHER DATA...

070/57/W/24. 073/85/W/24. 078/65/W/24. 084/61/W/24. 090/54/W/24.
075/49/W/25. 050/66/W/25. 027/64/W/25. 136/43/W/25. 123/45/W/25.
047/39/W/25. 144/45/W/25. 011/50/W/25. 011/39/W/25. 009/34/W/25.
040/50/W/25. 042/40/W/25. 043/27/W/26. 050/24/W/26. 084/14/W/27.
DATA ARE CURRENT. NUMEROUS SMALL MEANDERS ARE OBSERVED ALONG THE
SHOREWARD EDGE OF THE GULF ESTREAM FROM 0 TO 11.

DATA

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 25 DEC 1981

215867 222868 232872 237873 243876
 247881 257880 262882 267879 272873
 275867 275858 275850 269847 260850
 256854 253855 250852 245845 238844
 233840 234829 238820 244812 246807
 249802 253800 260799

270790 282799 290798 307800 316795
 323785 322772 325770 340760 345755
 358744 366730 369715 375700 36
 381687 382677 381660

Depicted land should not be used for navigation.

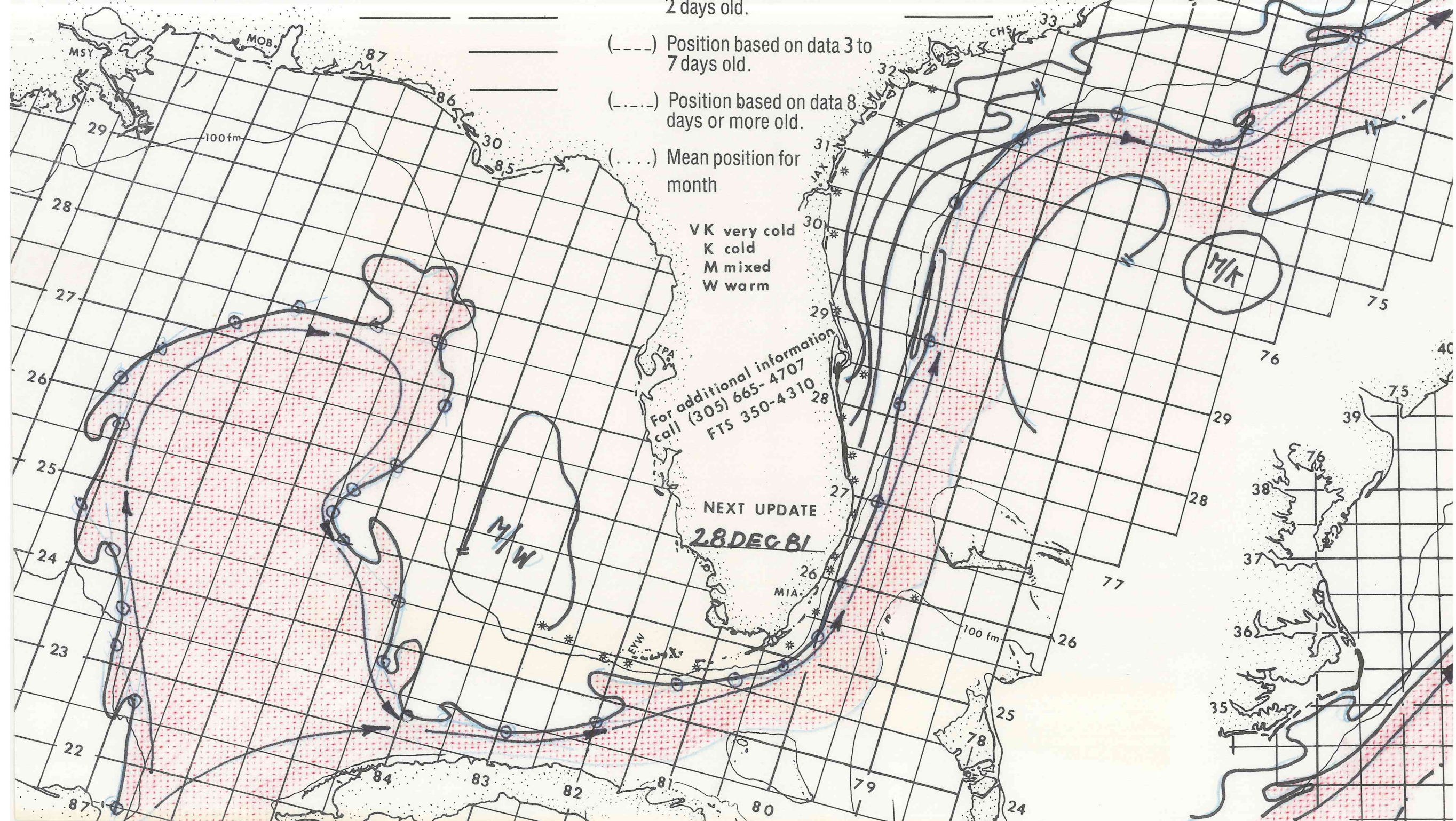
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) 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

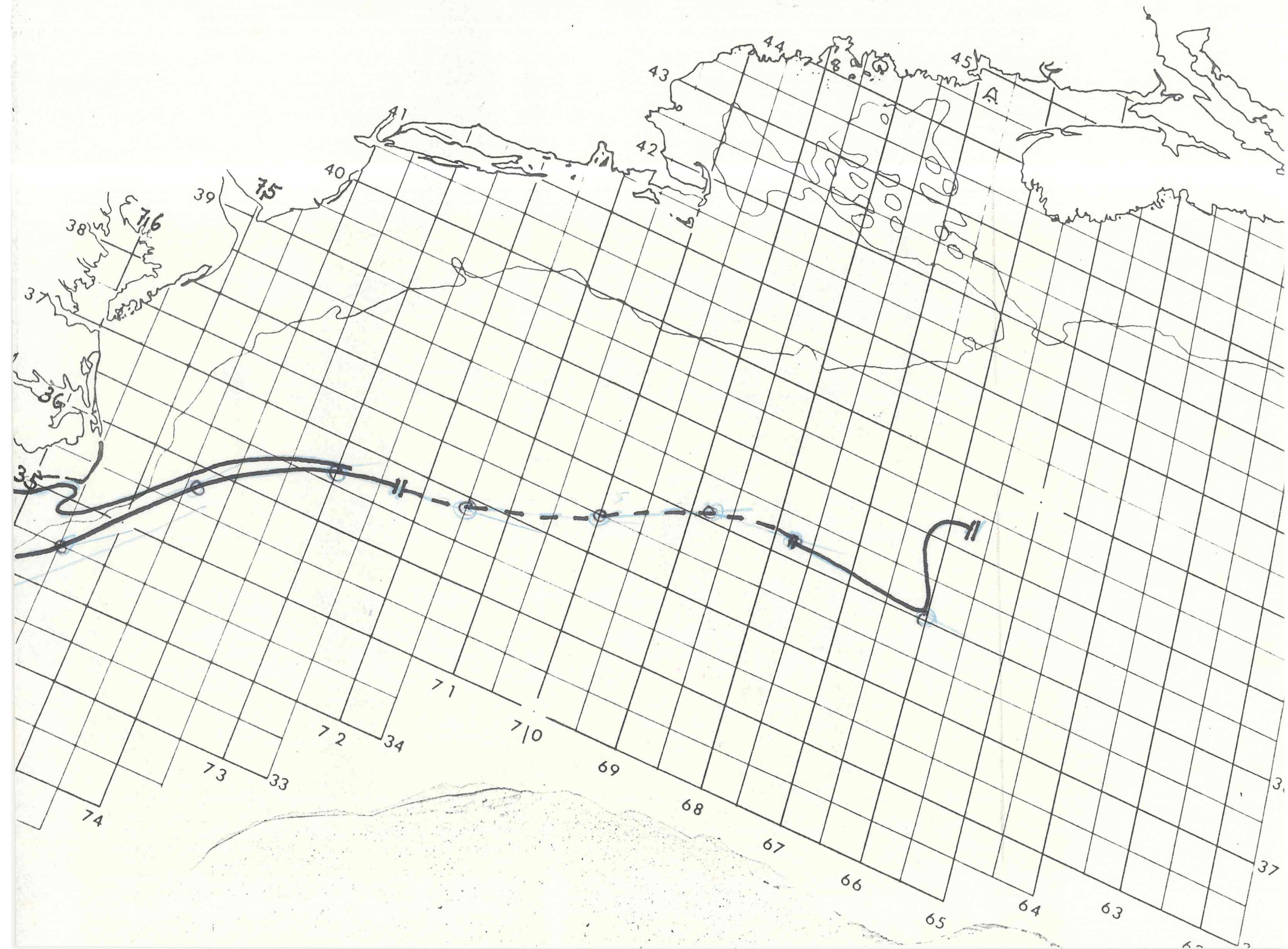
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
28 DEC 81



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 25 DEC 1981. PART B



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 28 DEC 1981

215866 220867 227869 234873 244875
251881 264871 269875 272868 273863
277851 264849 256850 250851 246855
244853 243850 235840 232841 234835
235825 239818 243813 249802 253800
260799 _____

270798 306800 318795 324785 323775
325771 340766 346754 361740 367730
369712 382685 382677 380659 36

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.

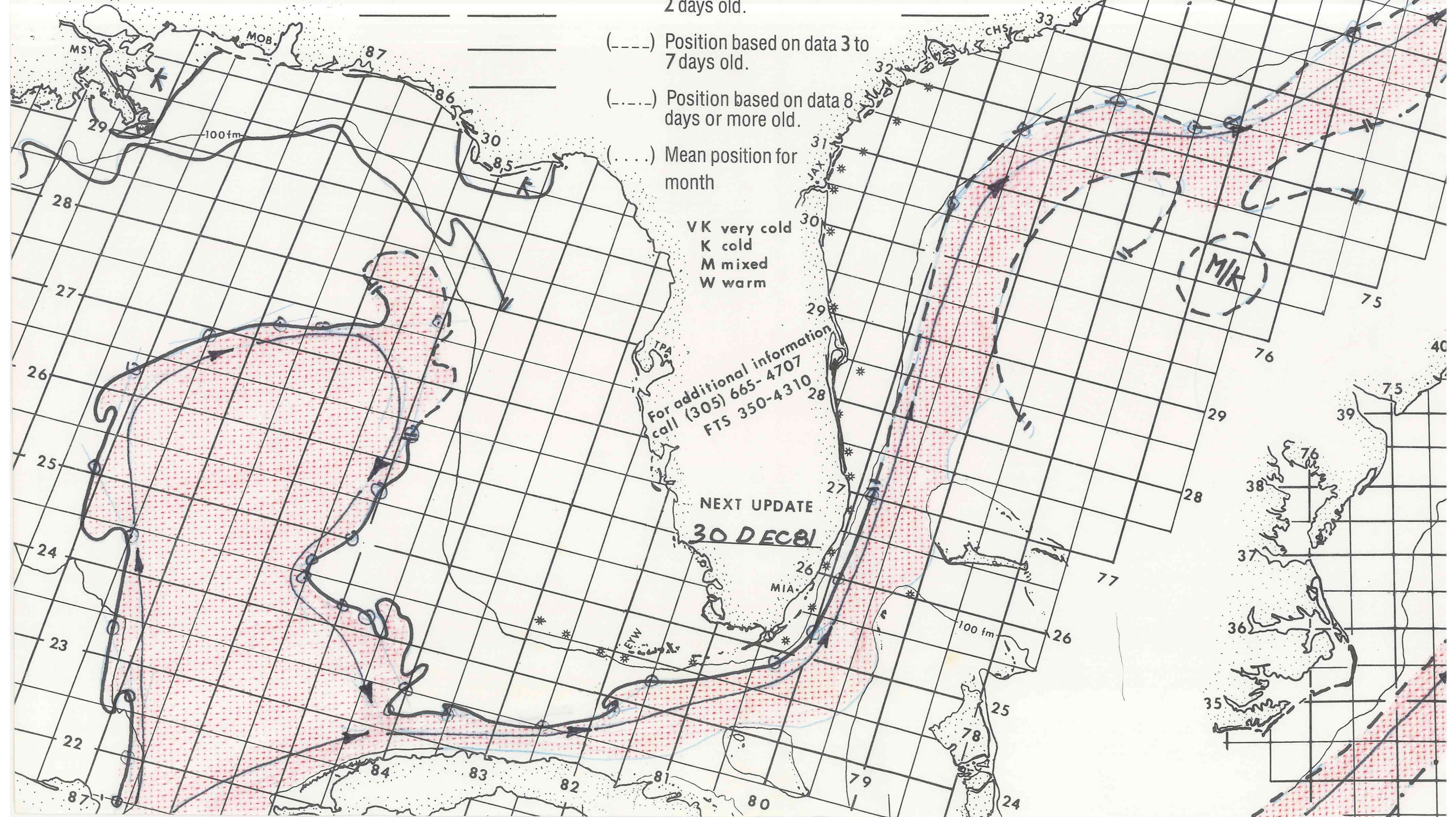
- (____) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (....) Mean position for month

VK very cold
 K cold
 M mixed
 W warm

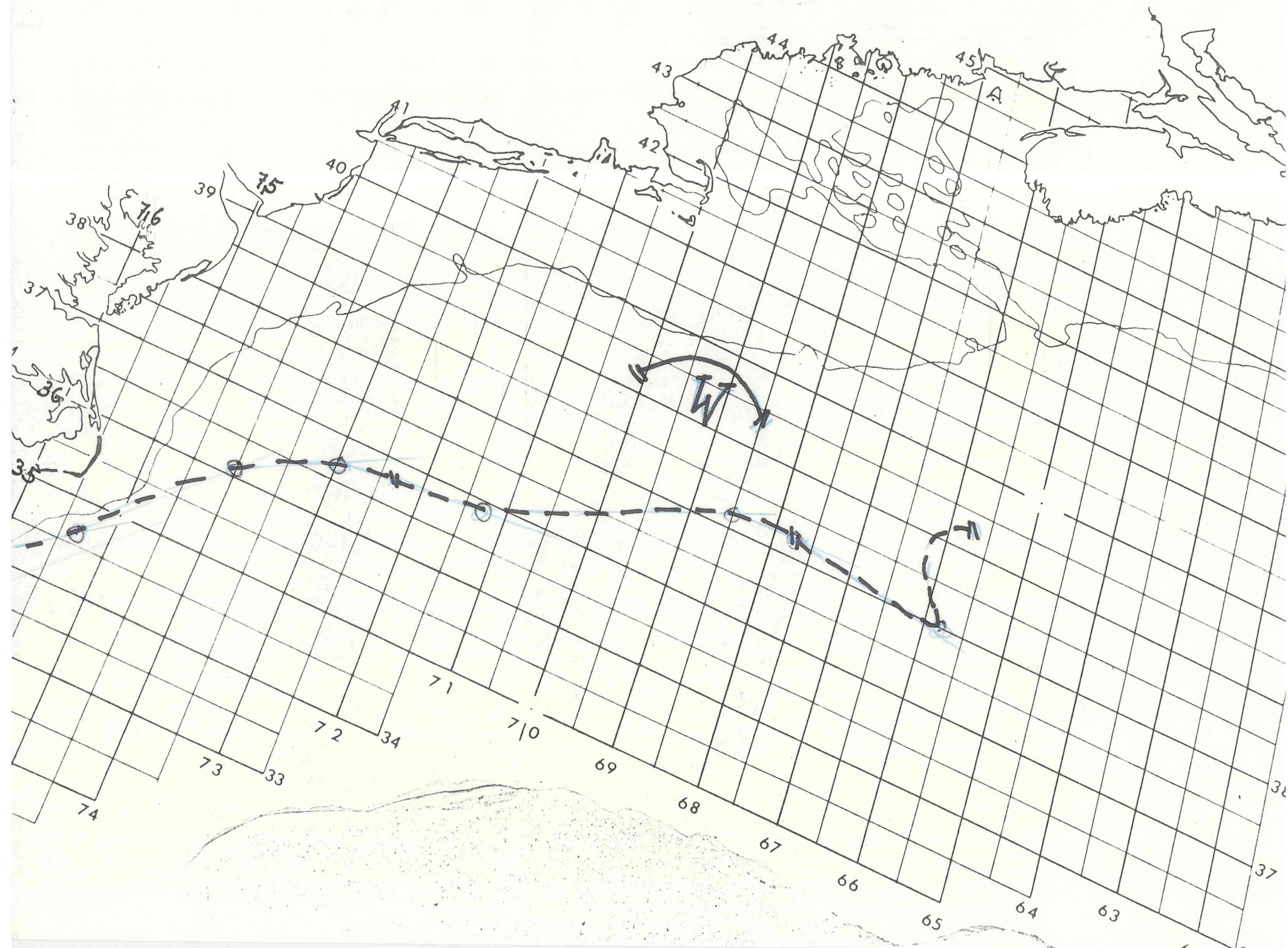
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

30 DEC 81



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



WWW

ZCZC MIAO MIA

MOU900 KNHC 281900

TRXX40 KMIA 281945

AMTAGE MIA

1981 DEC 28 PM 2:05

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
28 DEC 1981.

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

215866 220867 227869 234873 244875 251881 264871 269875 272868

273863 277851 284849 256850 250851 246855 244855 243850 235840

232841 234835 235825 239818 243815 249802 253800 260799.

DATA ARE CURRENT... EXCEPT FOR PORTION BETWEEN 273863 AND 284849.

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

A72/65/M/24, R91/79/M/24, C80/64/M/24, W86/61/M/24, F84/61/M/24,

F79/53/M/24, G64/55/M/24, H33/56/M/25, I37/44/M/25, J25/47/M/25,

K18/38/M/25, L11/45/M/25, M13/49/M/25, N12/39/M/25, O10/34/M/25,

P10/53/M/25, Q12/38/M/25, R38/29/M/26, S50/25/M/26, U79/18/M/27.

DATA ARE CURRENT ONLY SOUTH OF L.

A SMALL MEANBER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM TUE SOUTH OF R.

DATA

NNNN↓JA
ZCZC WEC606
TBXX40 KMIA 281845
MIAGLMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
28 DEC 1981.

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

215866 220867 227869 234873 244875 251881 264871 269875 272868
273863 277851 264849 256850 250851 246855 244855 240850 235840
232841 234835 235825 239818 245815 249802 253800 260799.
DATA ARE CURRENT...EXCEPT FOR PORTION BETWEEN 273863 AND 264849.

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

A72/65/M/24. B81/79/M/24. C80/64/M/24. D86/61/M/24. E84/61/M/24.
F79/53/M/24. G64/55/M/24. H33/56/M/25. I37/44/M/25. J25/47/M/25.
K18/38/M/25. L11/45/M/25. M13/49/M/25. N12/39/M/25. O10/34/M/25.
P10/53/M/25. Q12/38/M/25. R38/29/M/26. S50/25/M/26. U79/18/M/27.

DATA ARE CURRENT ONLY SOUTH OF L.
A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM DUE SOUTH OF R.
BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 30 DEC 1981.

215866 219866 227867 235871 245877
 254883 259878 263878 265875 271867
 271860 272852 265847 258845 254846
 247852 243852 241845 234840 235827
 237820 245810 249801 252800 260799

270799 305800 315796 324787 325783
 325774 331765 333760 339759 352750
 365727 367720 369712 380700 36
 382691 380680 378673 378669
 384664 389650 || ERB

Depicted land should not be used for navigation.

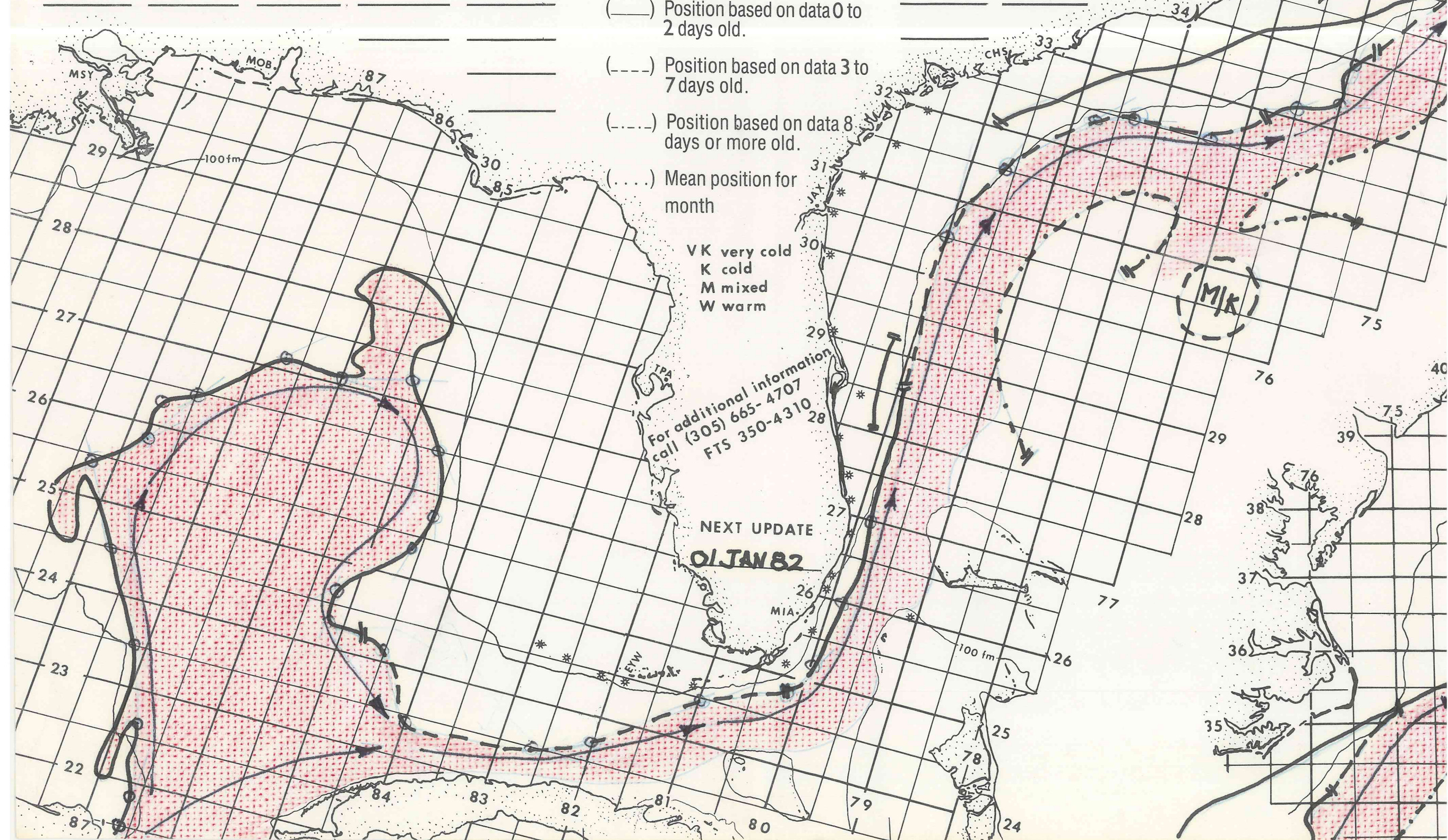
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) 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

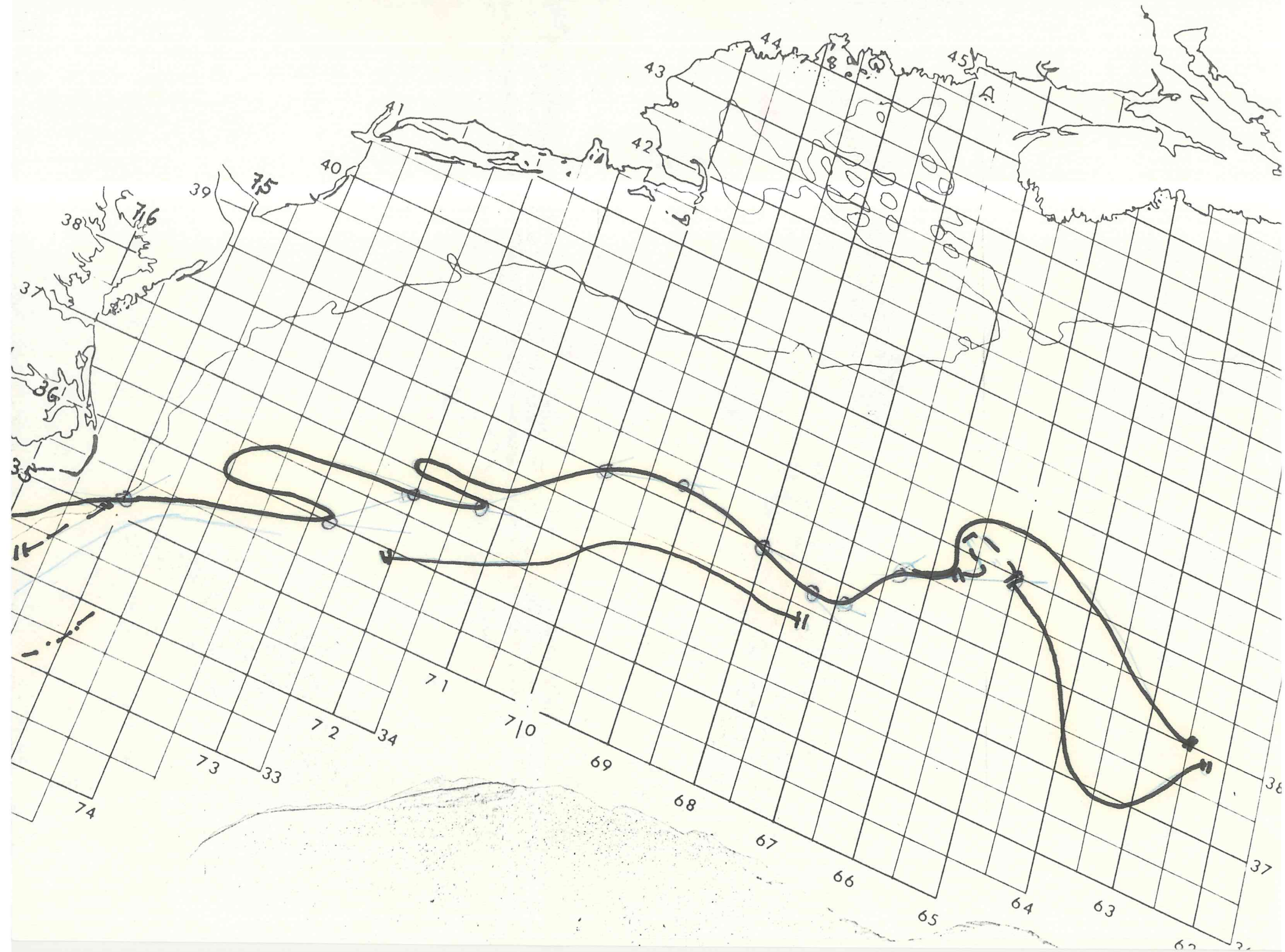
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
01 JAN 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 30 DEC 1981. PART B



NNNN

7070 MIAMI MIA

TRVY48 VMTA 241945

AMTQI MIA

MIAMI SESS ANALYSIS OF THE GULF OF MEXICO 1981 ¹⁹⁸¹ ~~1980~~ ^{DEC 30} ~~DEC 29~~ PM 2:07
30 DEC 1981

CROSS POINTS AT 10 DEGREE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....

215946 219946 227947 235971 245977 254993 259978 263978 265975
271967 271968 272952 265947 259945 254946 247952 242952 241945
234948 225927 227928 245918 249911 242908 240799

DATA ARE CURRENT... EXCEPT FOR PORTION BETWEEN 241945 AND 241945.

MIAMI SESS SELECTED SHELFSTREAM DATA FOR NOAA WEATHER BATHY.

878/62/M/24 879/76/M/24 878/64/M/24 886/59/M/24 892/57/M/24
874/52/M/24 859/59/M/24 838/58/M/25 835/46/M/25 822/49/M/25
812/39/M/25 812/44/M/25 817/45/M/25 814/35/M/25 811/34/M/25
817/48/M/25 811/39/M/25 848/33/M/26 853/25/M/26 879/17/M/27
DATA ARE CURRENT ONLY BETWEEN H AND P.

DATA