

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **02 FEB 1983**

215863 223863 230866 237864 246852  
246845 247837 242830 243820 240815  
242810 248804 252800 256799 260798 //  
**WARM EDDY BOUNDED BY:** 240875 247889  
242896 248902 254903 259899 266883  
264870 270863 268855 265849 262848  
258849 252854  
246862  
239872 //

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.

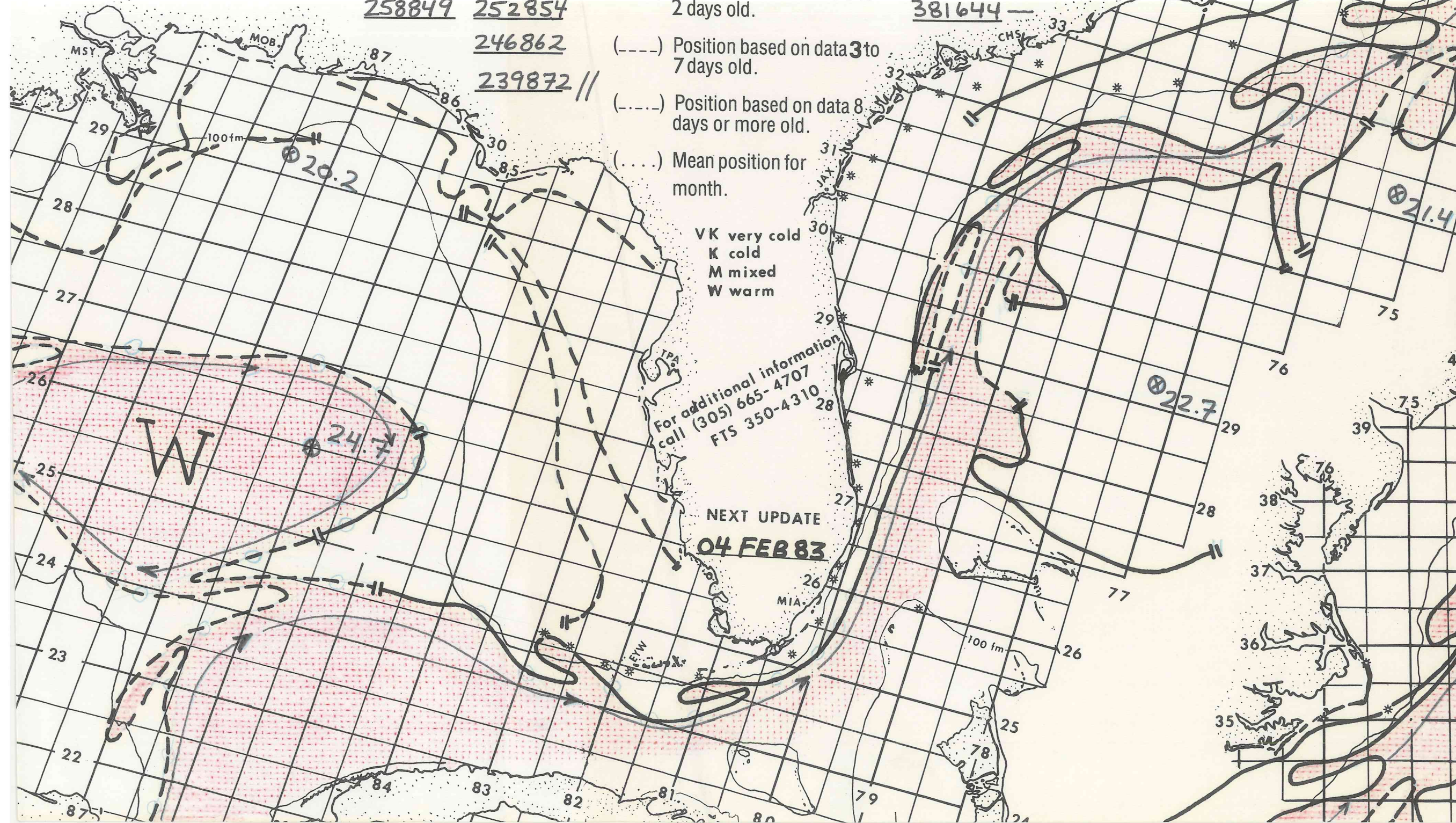
- (——) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (....) Mean position for month.

270798 284797 300797 308797 318789  
322785 322774 328767 339764 351750  
360743 371735 376731 376725 36  
374720 374717 378710 381700  
385693 384688 375680  
386663 385654  
381644 —

VK very cold  
K cold  
M mixed  
W warm

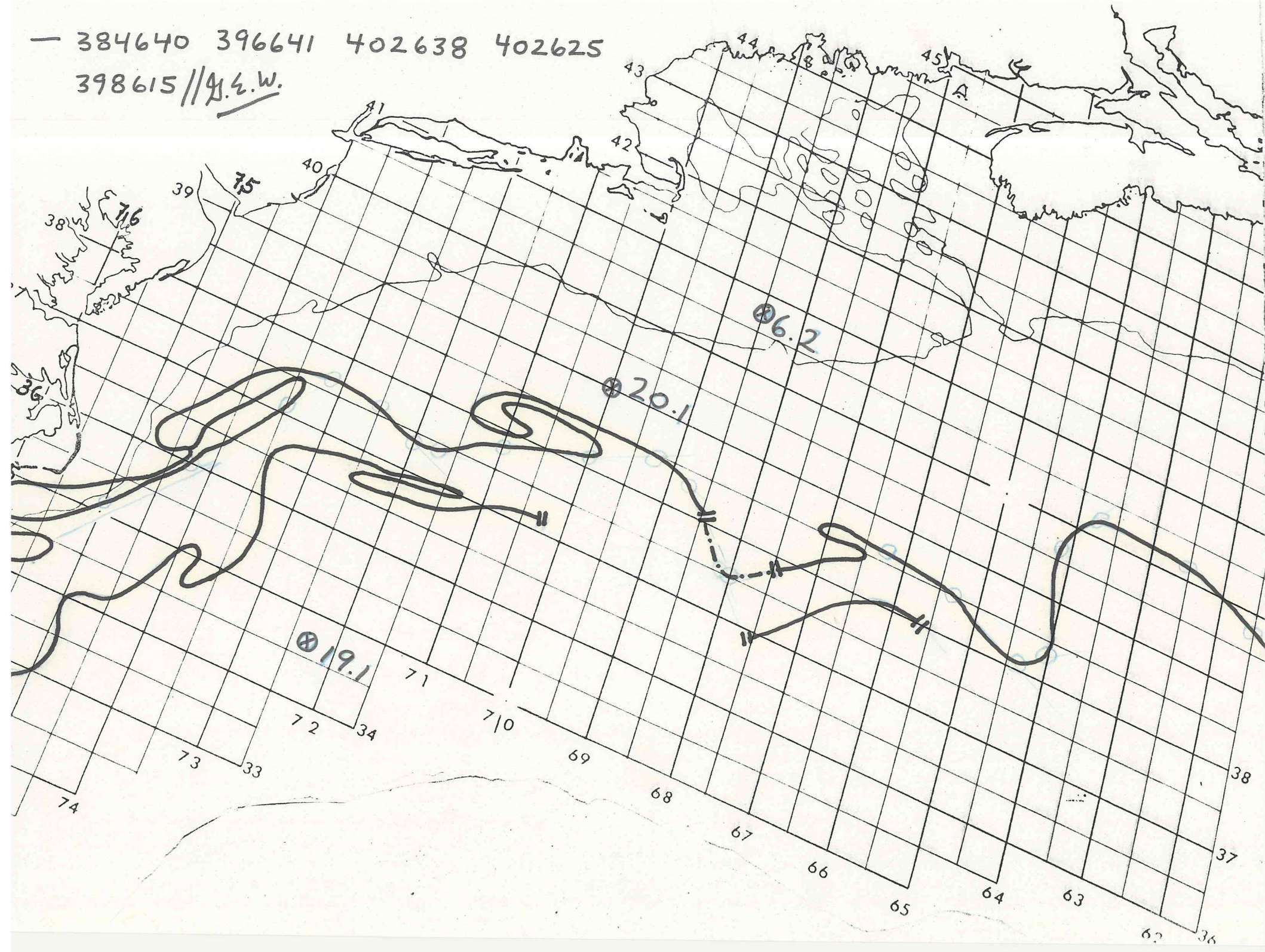
For additional information  
call (305) 665-4707  
FTS 350-4310

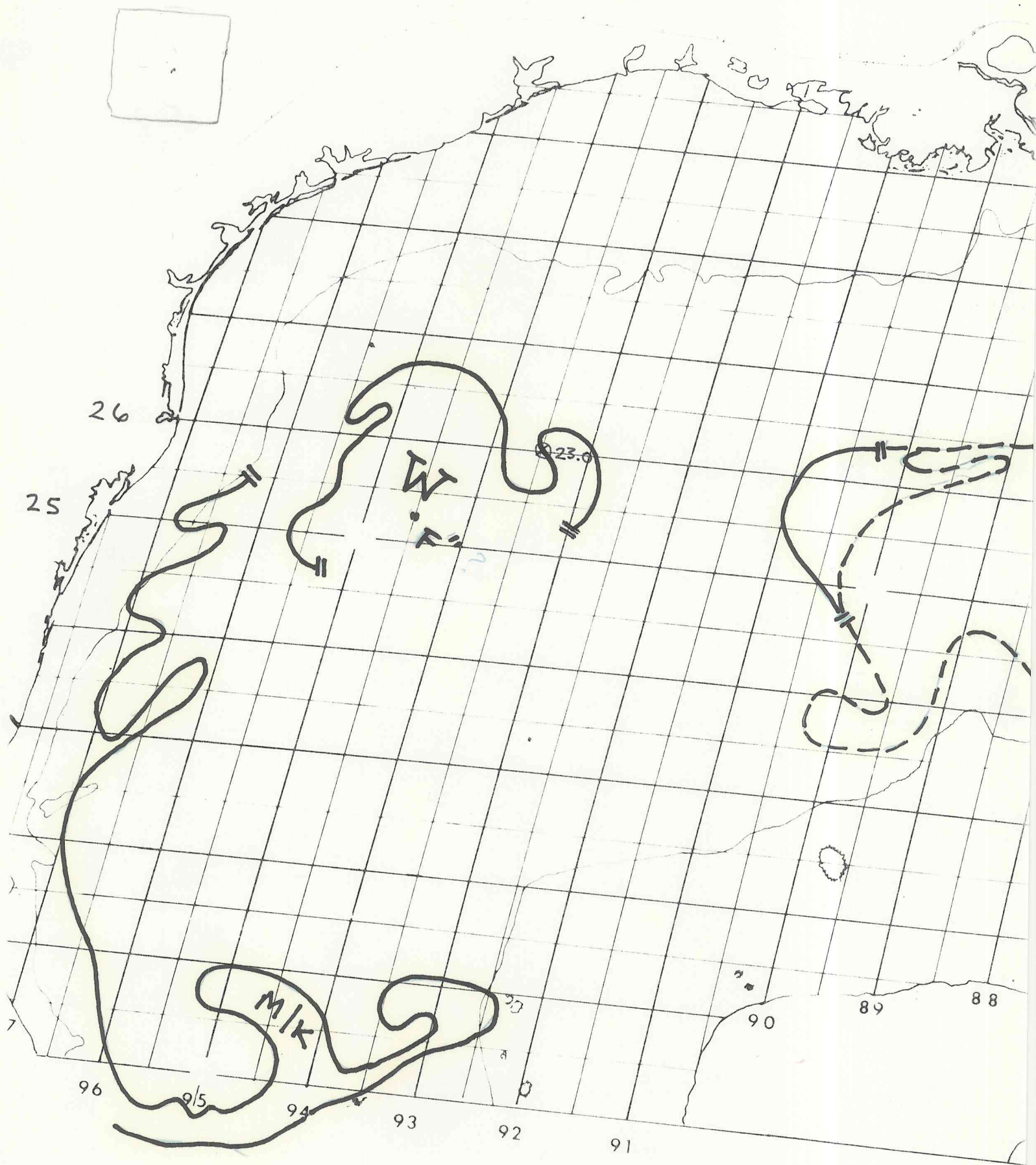
NEXT UPDATE  
**04 FEB 83**



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 02 FEB 1983 PART B

— 384640 396641 402638 402625  
398615 // 9.4.W.





NNNN

ZCZC MIAGLMMIA  
TBXX40 KMIA 021745  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...02 FEB 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
215863 223863 230866 237864 246852 246845 247837 242830 243820  
240815 242810 248804 252800 256799 260798. WARM EDDY BOUNDED BY  
240875 247889 242896 248902 254903 259899 266883 264870 270863  
268855 265849 262848 258849 252854 246862 239872.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
A91/40/M/24. B106/30/M/24. C101/47/M/24. D102/42/M/24. E108/31/M/25.  
F94/20/M/25. G72/25/M/25. H41/46/M/25. I46/43/M/25. J29/40/M/25.  
K20/35/M/25. L13/43/M/26. M17/38/M/26. N17/34/M/26. O14/30/M/26.  
P11/43/M/26. Q26/24/M/27. R20/47/M/27. S12/60/M/27. T26/60/M/27.  
U30/64/M/27.  
AA80/36/M/24. BB55/50/M/24. CC35/47/M/24. DD61/28/M/24.  
EE68/48/M/24. FF66/68/M/24. GG26/38/M/24. HH43/66/M/24.  
II13/68/M/23. JJ14/59/M/23.

.....DATA STATUS.....  
A CURRENT B 28 JAN. C CURRENT D CURRENT E 31 JAN.  
F 28 JAN. G 26 JAN. H CURRENT I CURRENT J CURRENT  
K CURRENT L CURRENT M CURRENT N CURRENT O CURRENT  
P CURRENT Q CURRENT R CURRENT S CURRENT T CURRENT  
U CURRENT  
AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT  
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....  
INSIDE FRONT DATA...76 NM SE OF A...89 NM SE OF B...90 NM E OF C...  
72 NM E OF F...54 NM E OF G...06 NM SE OF Q...NEAR T...60 NM SE OF  
AA...23 NM SE OF EE...NEAR GG.  
EXTENSIVE MEANDERING OF THE SHOREWARD EDGE OF THE GULFSTREAM IS  
OBSERVED IN THE STRAITS OF FLORIDA. MEANDERS ARE MOVING DOWNSTREAM  
CAUSING RAPID CHANGES IN DISTANCES LISTED ABOVE.

WHITE/BAIG

NOTED

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 04 FEB 1983

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.

270798 274798 280799 295798 305800

314795 322783 323775 326769 340761

342754 347751 351750 362740 36

379729 375720 375715 381702

386685 379675 386660

386652 382644

383640 SMR

216864 231864 240868 245860 247850

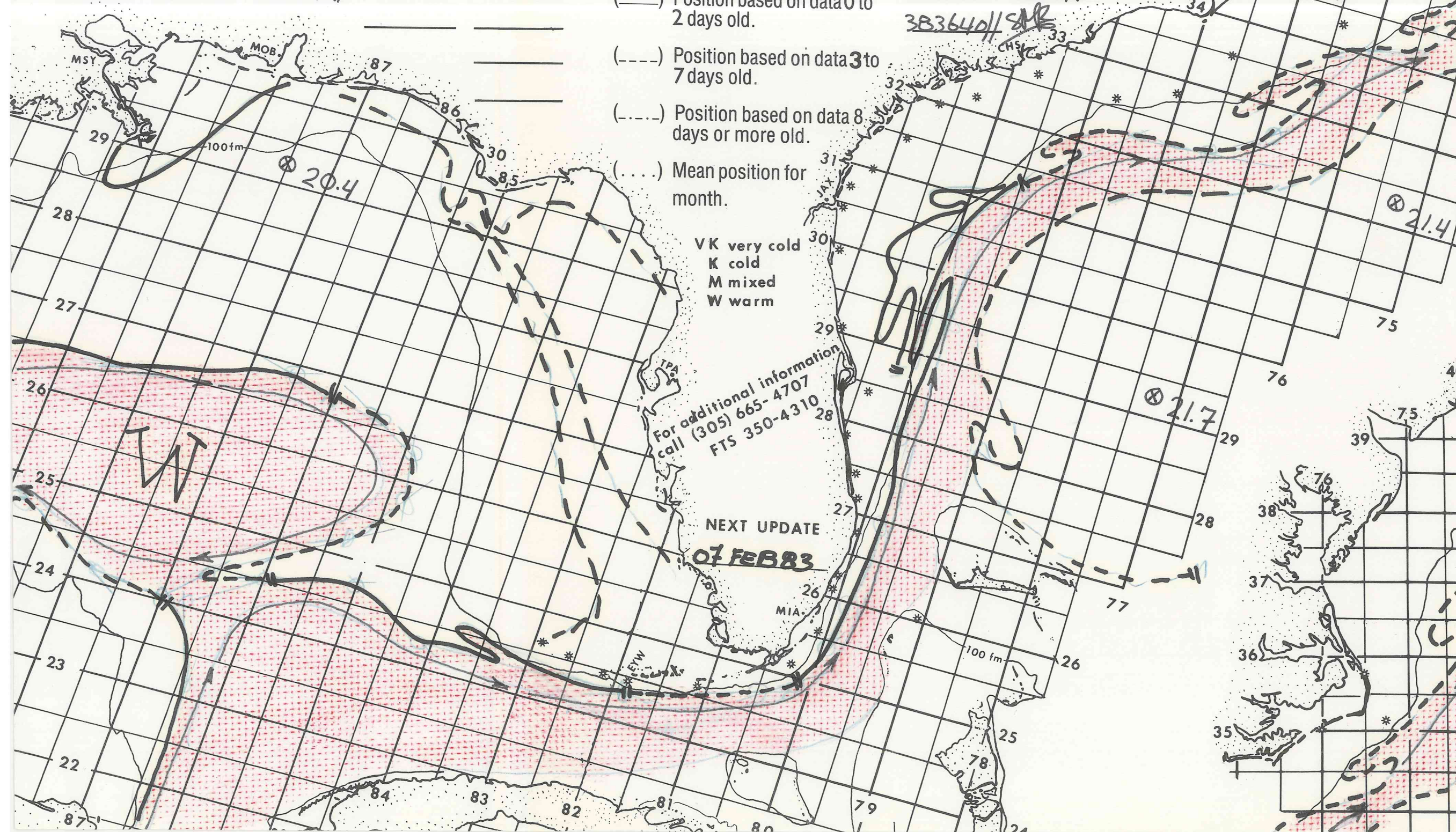
243841 243818 248805 249802 254799

260808 // WARM EDDY BOUNDED BY: 240870

242878 247888 246895 255897 264898

265883 269865 266855 264849 257848

252853 245865 240870 \_\_\_\_\_

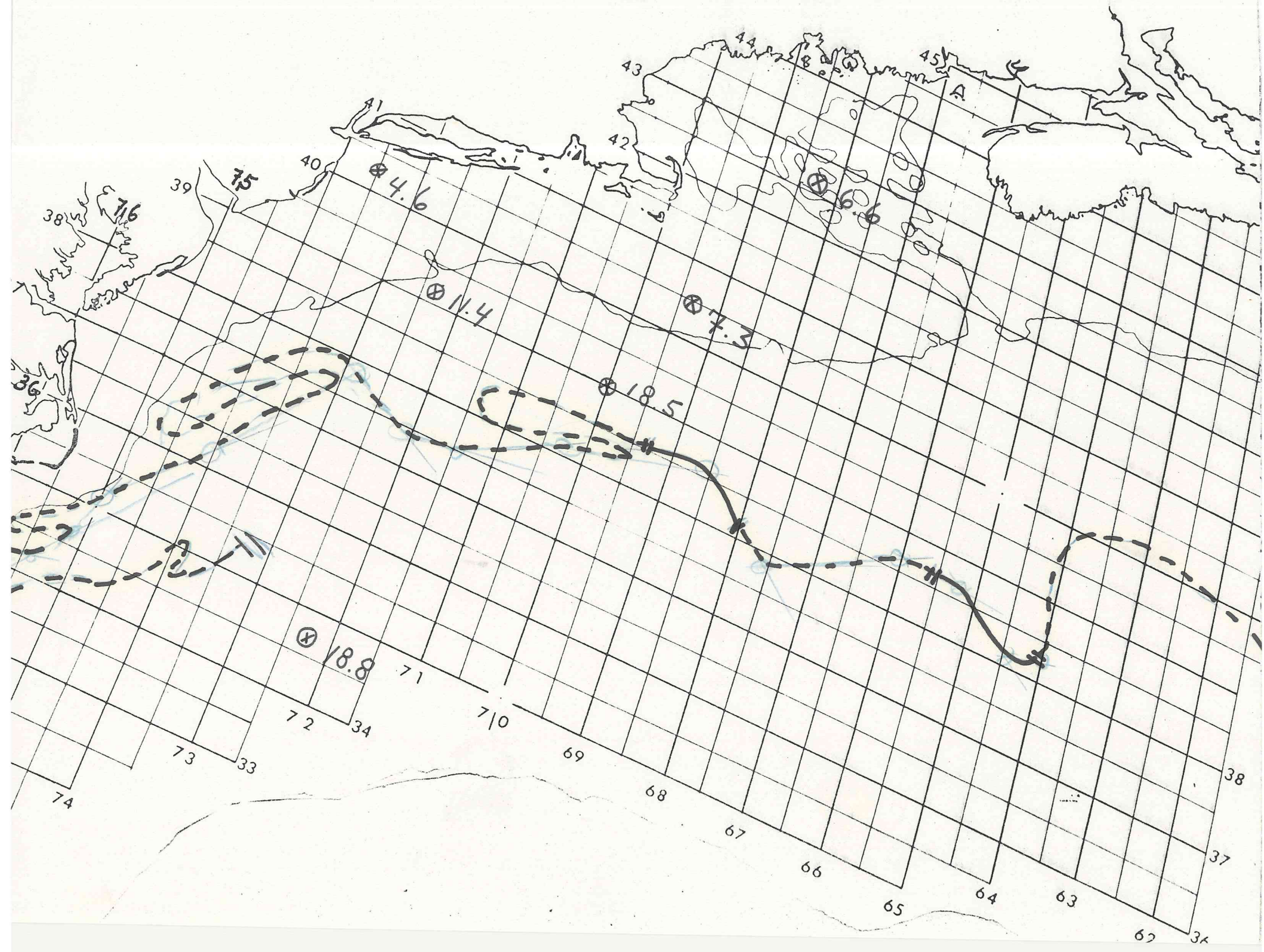


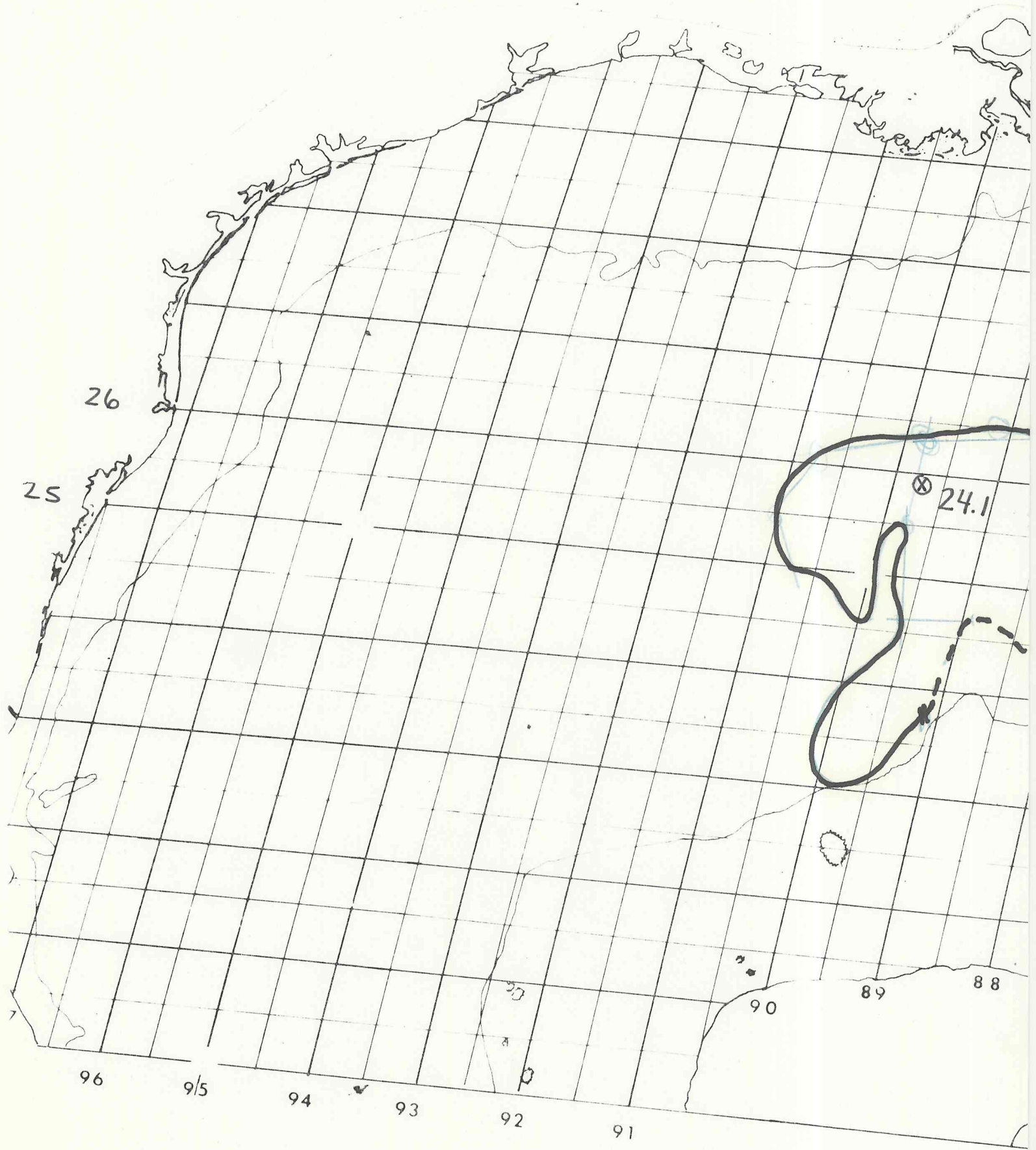
VK very cold  
K cold  
M mixed  
W warm

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

NEXT UPDATE  
**07 FEB 83**

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 04 FEB 19 83 PART B





1983 FEB -4 PM 1:30

FGZZCZC MIAGLMMIA  
TBXX40 KMIA 041820  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...04 FEB 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...

216864 231864 240868 245860 247850 243841 243818 248805 249802  
254799 260808. WARM EDDY BOUNDED BY 240870 242878 247888 246895  
255897 264898 265883 269865 266855 264849 257848 252853 245865  
240870.

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

A83/44/M/24. B81/52/M/24. C91/55/M/24. D95/51/M/24. E93/46/M/25.  
F82/29/M/25. G67/32/M/25. H32/45/M/25. I37/55/M/25. J28/43/M/25.  
K22/35/M/25. L14/44/M/26. M13/45/M/26. N11/43/M/26. O06/39/M/26.  
P10/47/M/26. Q12/40/M/27. R08/60/M/27. S11/63/M/27. T16/71/M/27.  
U18/78/M/27.  
AA74/40/M/24. BB70/39/M/24. CC31/49/M/24. DD49/39/M/24.  
EE64/43/M/24. FF63/70/M/24. GG21/48/M/24. HH61/40/M/24.  
II15/67/M/23. JJ55/56/M/23.

.....DATA STATUS.....

A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT  
F CURRENT G CURRENT H CURRENT I CURRENT J CURRENT  
K CURRENT L CURRENT M CURRENT N CURRENT O CURRENT  
P CURRENT Q CURRENT R CURRENT S CURRENT T CURRENT  
U CURRENT

AA 02 FEB. BB 02 FEB. CC 02 FEB. DD 02 FEB. EE 02 FEB.  
FF 02 FEB. GG 02 FEB. HH 02 FEB. II 02 FEB. JJ 02 FEB.

.....  
INSIDE FRONT DATA...74 NM SE OF A...64 NM SE OF B...59 NM E OF C...  
71 NM E OF F...51 NM E OF G...53 NM SE OF BB...31 NM SE OF EE...  
40 NM SE OF HH.

EXTENSIVE MEANDERING OF THE SHOREWARD EDGE OF THE GULFSTREAM IS  
OBSERVED IN THE STRAITS OF FLORIDA. MEANDERS ARE MOVING DOWNSTREAM  
CAUSING RAPID CHANGES IN DISTANCES LISTED ABOVE.

WHITE/BAIG

NNNN



NNNN↓

V

ZCZC

SXNT 1 KWBC 042120

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

27.0/79.8 28.4/79.7 30.0/79.7 30.8/79.7

31.8/78.9 32.2/78.5 32.2/77.4 32.8/76.7

33.9/76.4 35.0/75.0 36.0/74.3 36.9/73.5

37.4/72.6 37.4/71.7 37.6/71.0 38.0/70.0

38.4/69.4 38.3/68.8 37.8/67.8 38.6/66.0

38.3/65.0

THE MAXIMUM GULF STREAM CURRENT LIES 10 ↑ 15 MILES SEAWARD OF THIS LINE.

WARM EDDIES 39.7/67.8/65 NMI. DIAM 41.6/57.8/70 NMI DIAM.

COLD EDDIES 35.0/72.41/00 NMI. DIAM 36.2/66.8/80 NMI DIAM.

LATEST SATELLITE DATA 2/4/83

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

216864 230865 241870 245859 245852  
 243847 242836 241830 239829 241825  
 242820 244815 245808 252799 255798  
 260799 // WARM EDDY BOUNDED BY: 241873  
 241879 248888 248896 259899 264899  
 269889 270875 267857 263853 258848  
 252851 248854  
 245866  
 241873 //

Date: 07 FEB 1983

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 280799 287799 310799 318790  
 320785 321774 323768 328765 332760  
 341755 347753 360743 376729 36  
 378725 375718 376713 381702  
 385685 379673 381669  
 386655 386650  
 380640 //

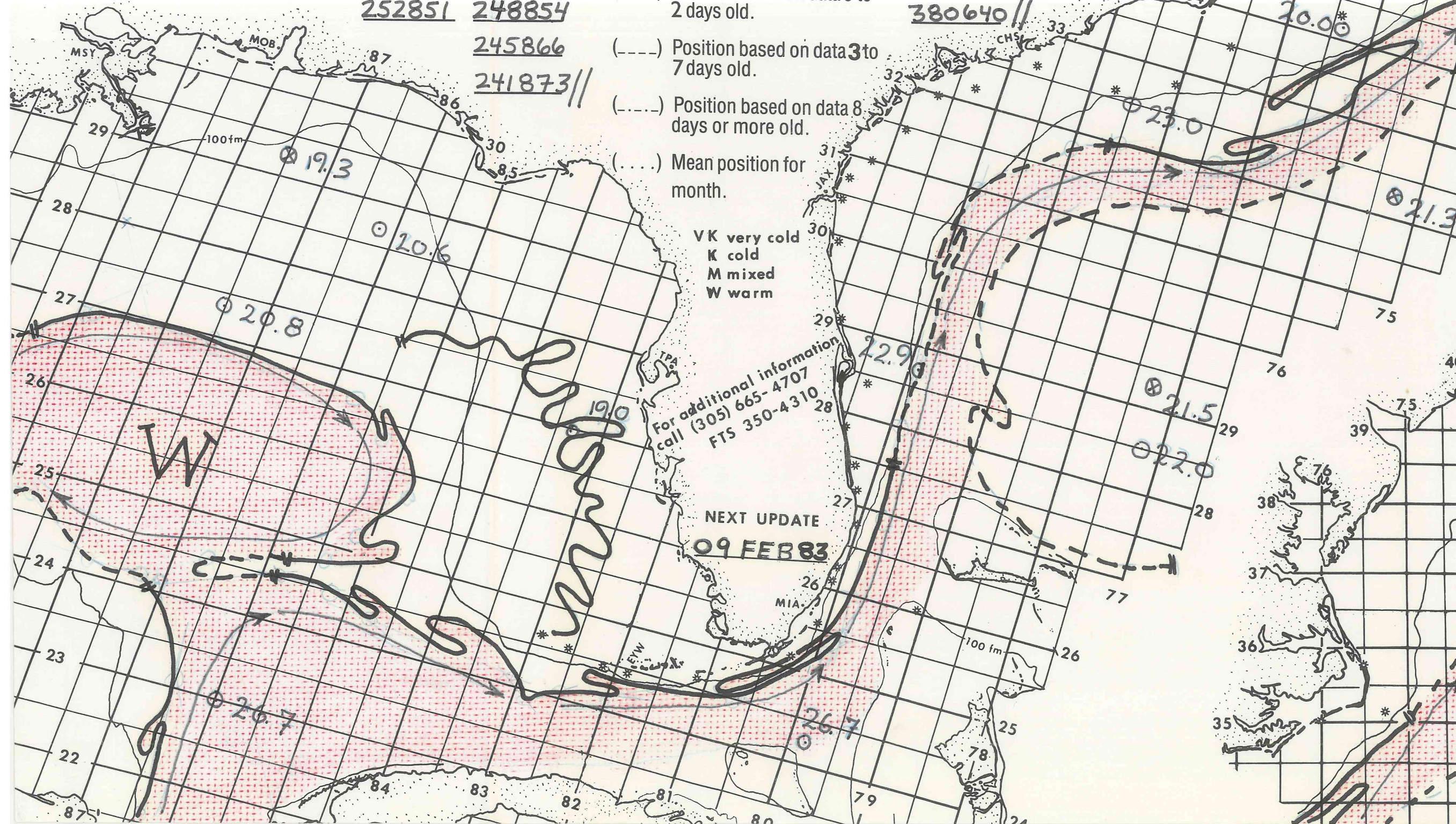
- (—) Position based on data 0 to 2 days old.
- (---) Position based on data 3 to 7 days old.
- (-----) Position based on data 8 days or more old.
- (.....) Mean position for month.

VK very cold  
 K cold  
 M mixed  
 W warm

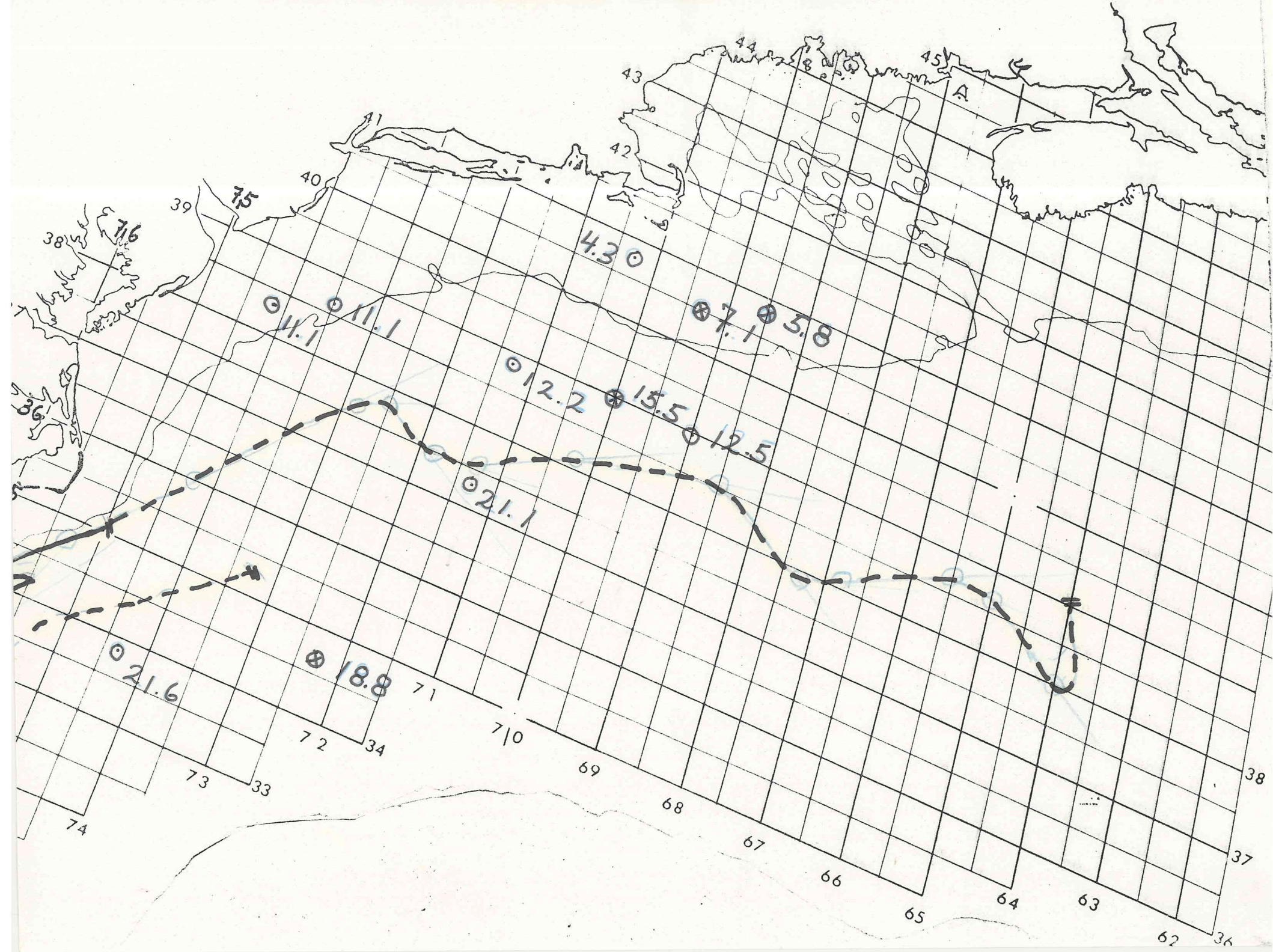
For additional information  
 call (305) 665-4707  
 FTS 350-4310

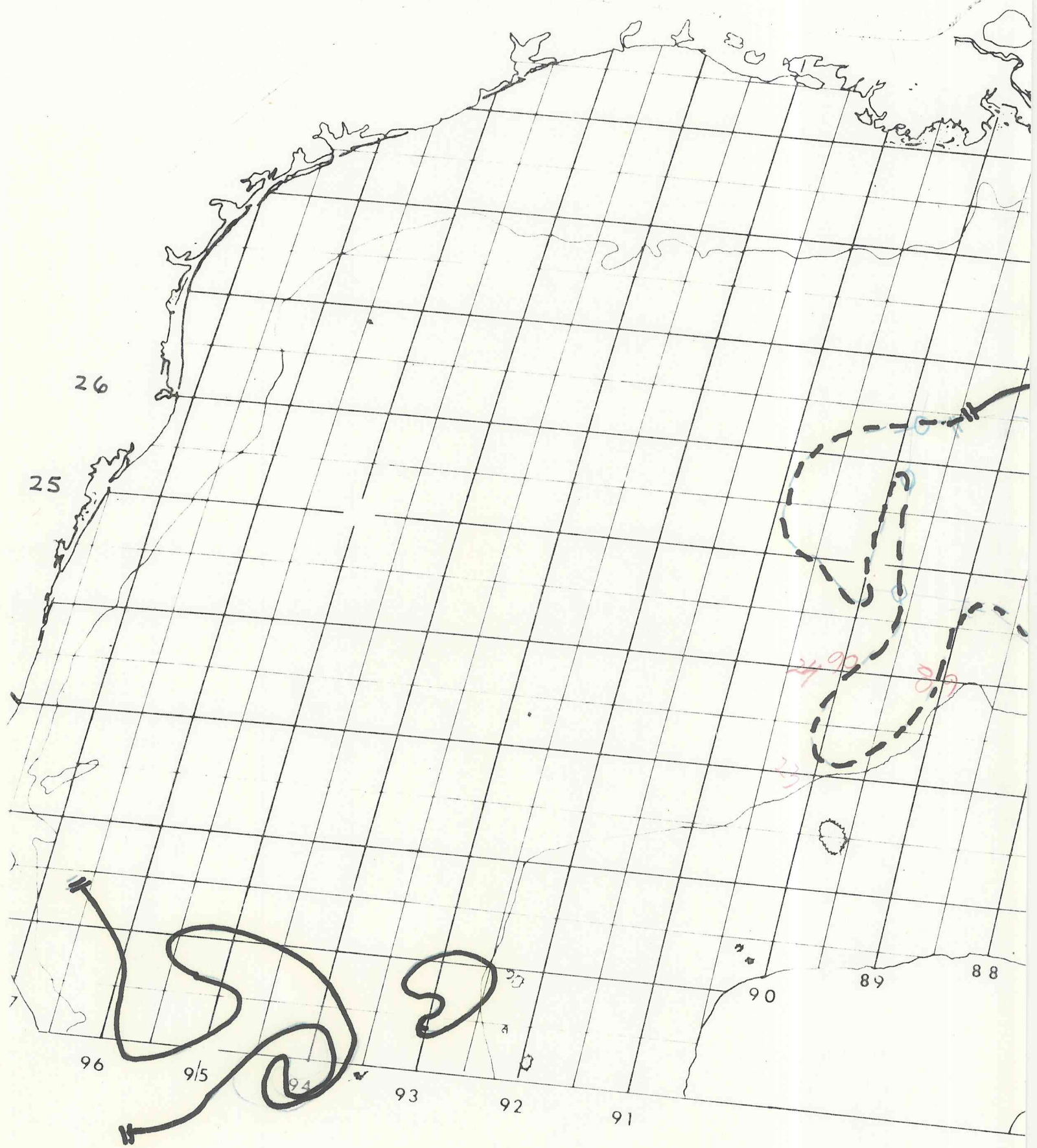
NEXT UPDATE

09 FEB 83



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 07 FEB 1983 PART B





NNNNJJ  
ZCZC MIAGLMMA  
TBXX40 KMIA 071545  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...07 FEB 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
216864 230865 241870 245859 245852 243847 242836 241830 239829  
241825 242820 244815 245808 252799 255798 260799. WARM EDDY BOUNDED  
BYO 241873 241879 248888 248896 259899 264899 269889 270875 267857  
263853 258848 252851 248854 245866 241873.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
A 76/51/M/24. B 79/56/M/24. C 84/71/M/24. D 90/60/M/24. E 96/40/M/25.  
F 82/31/M/25. G 64/36/M/25. H 31/44/M/25. I 37/52/M/25. J 27/43/M/25.  
K 21/36/M/25. L 14/42/M/26. M 17/40/M/26. N 16/31/M/26. O 10/33/M/26.  
P 09/47/M/26. Q 12/38/M/27. R 07/60/M/27. S 20/51/M/27. T 31/53/M/27.  
U 44/57/M/27.  
AA 69/49/M/24. BB 70/50/M/24. CC 52/52/M/24. DD 69/38/M/24.  
EE 75/43/M/24. FF 112/34/M/24. GG 51/36/M/24. HH 47/58/M/24.  
II 20/62/M/23. JJ 60/M/M/23.

.....DATA STATUS.....  
A 04 FEB. B 04 FEB. C 04 FEB. D 04 FEB. E 04 FEB.  
F 04 FEB. G 04 FEB. H 04 FEB. I 04 FEB. J CURRENT  
K CURRENT L CURRENT M CURRENT N CURRENT O CURRENT  
P CURRENT Q CURRENT R CURRENT S CURRENT T CURRENT  
U CURRENT  
AA 02 FEB. BB 02 FEB. CC CURRENT DD CURRENT EE CURRENT  
FF CURRENT GG CURRENT HH CURRENT II CURRENT J, 02 FEB.

.....  
INSIDE FRONT DATA...87 NM E OF E...70 NM E OF F...NEAR P...05 NM  
S OF S...78 NM SE OF FF...31 NM SE OF GG.  
EXTENSIVE MEANDERING OF THE SHOREWARD EDGE OF THE GULFSTREAM IS  
OBSERVED IN THE STRAITS OF FLORIDA. MEANDERS ARE MOVING DOWNSTREAM  
CAUSING RAPID CHANGES IN DISTANCES LISTED ABOVE.

WHITE/BAIG

1983 FEB -7 AM 11:18

NNNN 4A

ZCZC WBC403

SXNT 1 KWBC 072040

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

27.0/79.8	28.0/79.9	28.7/79.9	31.0/79.9
31.8/79.0	32.0/78.5	32.1/77.4	32.3/76.8
32.8/76.5	33.2/76.0	34.1/75.5	34.7/75.3
36.0/74.2	37.4/72.7	37.3/71.4	37.5/71.8
38.0/70.0	38.4/69.0	37.9/67.7	38.0/67.0
38.6/66.0	38.4/65.0		

THE MAXIMUM GULF STREAM CURRENT LIES 10 † 15 MILES SEAWARD OF THIS  
LINE...

WARM EDDIES... NONE DISCERNIBLE DUE TO CLOUDS...

COLD EDDIES... NONE DISCERNIBLE DUE TO CLOUDS...

LATEST SATELLITE DATA... 2/7/83

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

215864 222864 230869 240873 246874  
 247876 246880 250895 260897 266899  
 271894 271885 266876 266867 260855  
 256849 252849 250853 249860 247862  
 245860 244847 244840 241825 238818  
 243812 245810 250801 253800 260800 //

Date: 09 FEB 1983

Depicted land should not be used for navigation.

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

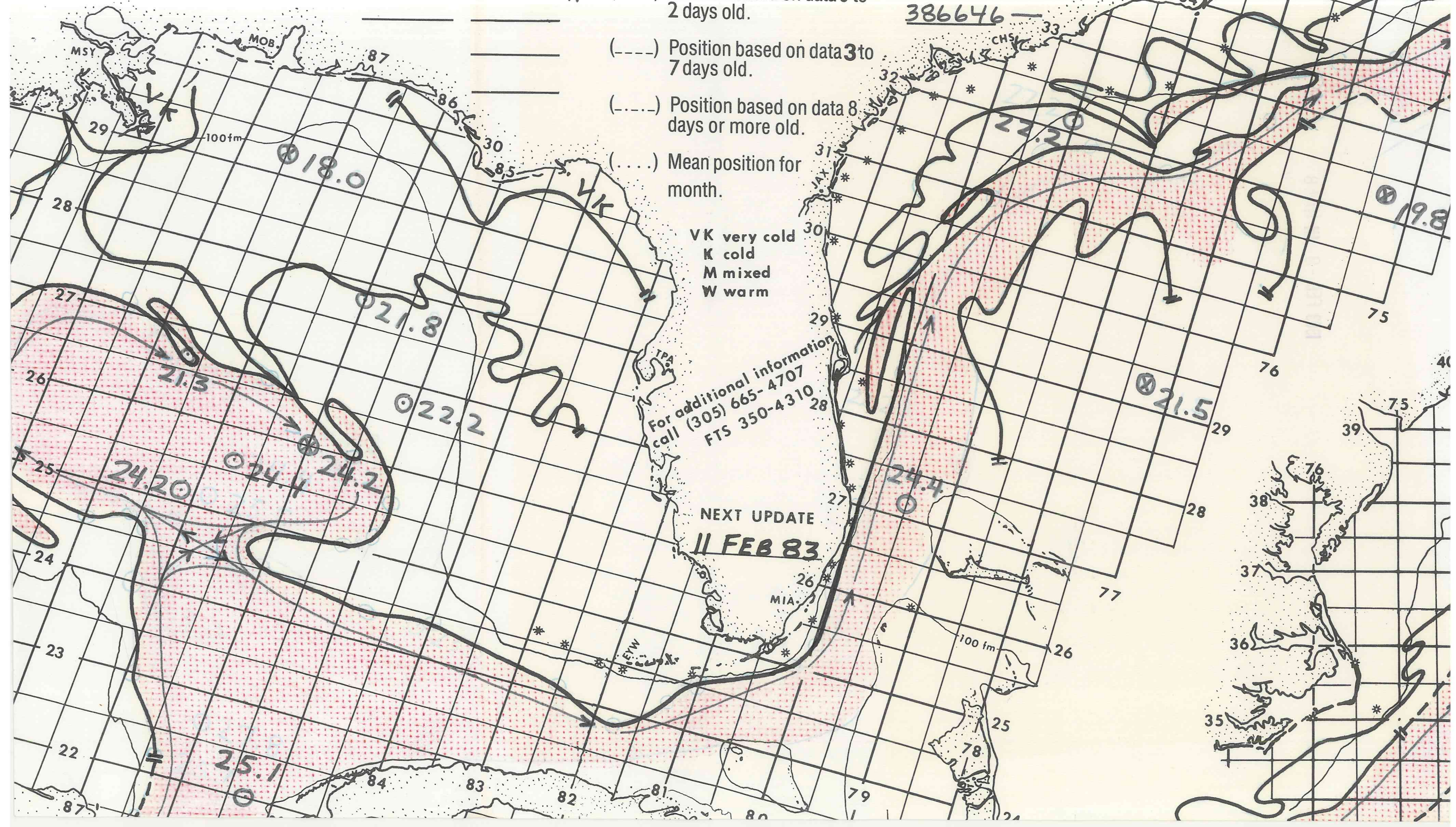
270800 286800 298802 310796 316793  
 319787 319778 322774 327768 334764  
 337762 340756 360740 376728 361728  
 378724 373718 374711 385690  
 386683 385680 379674  
 378669 387652  
 386646

- (——) 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

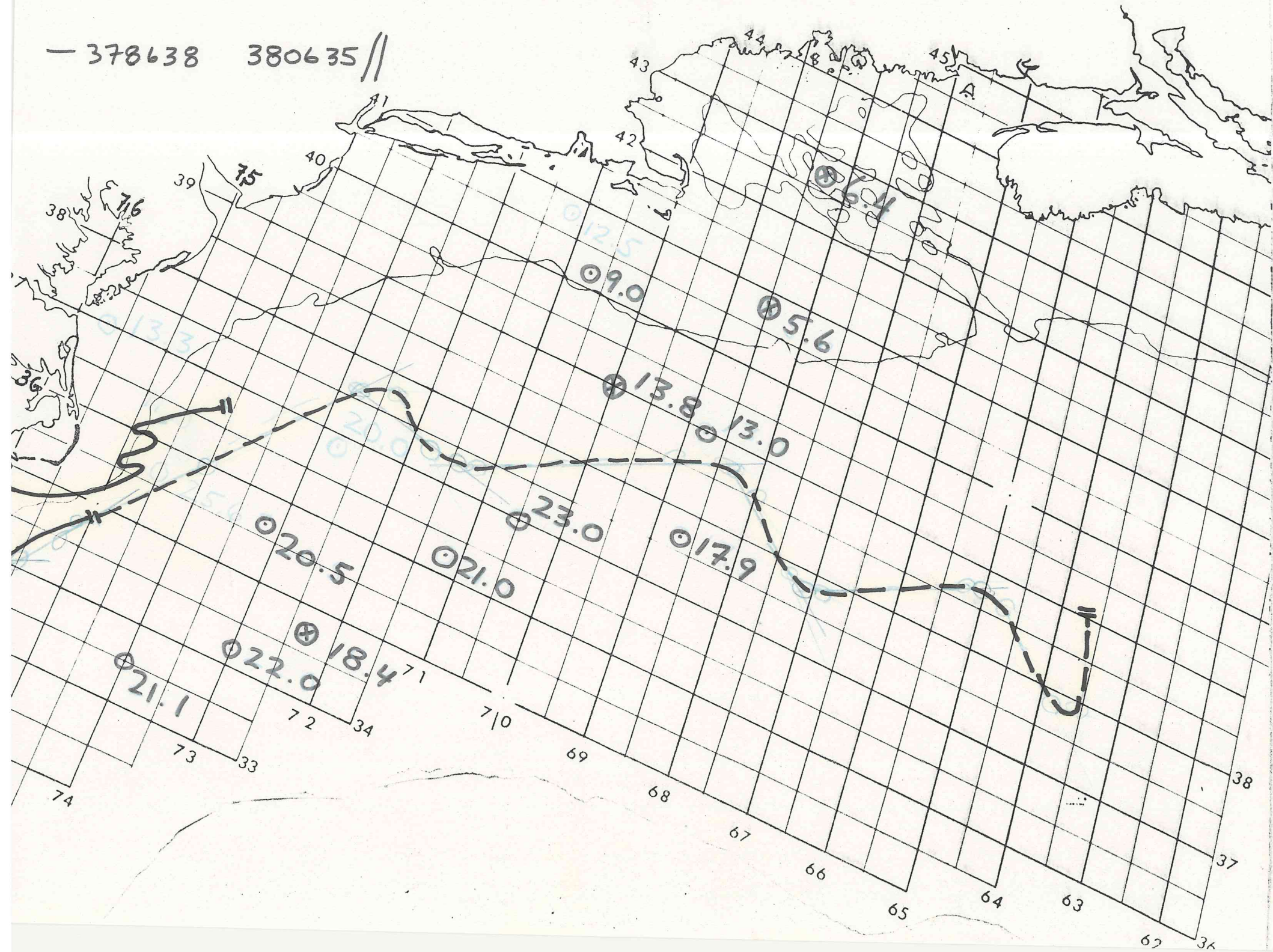
For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT UPDATE  
**11 FEB 83**



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 09 FEB 19 83 PART B

— 378638 380635 //







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M

ZCZC MIAGLMMIA

TBXX40 KZIA 091800

MIAMI SFSS OCEANOGRAPHIC ANALYSES...09 FEB 1983

FEB -9 PM 1:43

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...

215864 222864 230869 240873 246874 247876 246880 250895 260897  
266899 271894 271885 266876 266867 260855 256849 252849 250853  
249860 247862 245860 244847 244840 241825 238818 243812 245810  
250801 253800 260800.

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

A91/50/M/24. B90/64/M/24. C100/51/M/24. D106/47/M/24. E96/55/M/25.  
F66/60/M/25. G51/45/M/25. H25/60/M/25. I30/60/M/25. J15/50/M/25.  
K09/48/M/25. L02/55/M/26. M06/50/M/26. N08/45/M/26. O09/36/M/26.  
P10/52/M/26. Q07/54/M/27. R40/31/M/27. S35/38/M/27. T29/59/M/27.  
U0/66/M/27.  
AA 68/52/M/24. BB70/68/M/24. CC69/50/M/24. DD56/33/M/24.  
EE 65/20/M/24. FF75/36/M/24. GG40/51/M/24. HH58/60/M/24.  
II29/60/M/23. JJ70/M/M/23.

.....DATA STATUS.....

A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT  
F CURRENT G CURRENT H CURRENT I CURRENT J CURRENT  
K CURRENT L CURRENT M CURRENT N CURRENT O CURRENT  
P CURRENT Q CURRENT R CURRENT S CURRENT T CURRENT  
U CURRENT.  
AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT  
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....INSIDE FRONT DATA...76 NM SE OF A...71 NM SE OF B...84 NM E OF C...  
85 NM E OF D...30 NM E OF G...04 NM E OF H...10 NM SE OF DD...30  
NM SE OF EE.

EXTENSIVE MEANDERING OF THE SHOREWARD EDGE OF THE GULFSTREAM IS OBSERVED IN THE STRAITS OF FLORIDA. MEANDERS ARE MOVING DOWNSTREAM CAUSING RAPID CHANGES IN DISTANCES LISTED ABOVE.

NOTE FOR EYW FOR THE S.O.R.C. FLEET...A LARGE MEANDER FORMERLY SOUTH OF REBECCA SHOAL LIGHT HAS MOVED DOWNSTREAM WITH ITS MOST SEAWARD EDGE NOW SOUTH OF SAND KEY LIGHT...LATITUDE/LONGITUDE DESCRIPTION OF THE SHOREWARD EDGE OF GULF STREAM IN THE STRAITS OF FLORIDA IS...

24.2N 83.0W/24.1N 82.5W/23.9N 82.0W/23.8N 81.8W/24.0N 81.5W/  
24.5N 81.0W/24.8N 80.5W/25.0N 80.2W/25.2N 80.0W/26.0N 80.0W.  
WHITE/BAIG

JPT

1983 FEB -9 PM 4:16

NNNN↓V

ZCZC

SXNT 1 KWBC 092045

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

27.0/80.0	28.6/80.0	29.8/80.2	31.0/79.6
31.6/79.3	31.9/78.7	31.9/77.8	32.2/77.4
32.7/76.8	33.4/76.4	33.7/76.2	34.0/75.6
36.0/74.0	37.2/72.6	37.3/71.3	38.0/70.0
38.4/68.9	38.4/67.9	38.3/67.5	38.7/66.9
38.6/65.7	38.4/65.0		

THE MAXIMUM GULF STREAM CURRENT LIES 10-15 MILES SEAWARD OF THE LINE.  
WARM EDDIES NONE DISCERNIBLE DUE TO CLOUDS  
COLD EDDIES NONE DISCERNIBLE DUE TO CLOUDS  
LATEST SATELLITE DATA 2/9/83

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 11 FEB 1983

Depicted land should not be used for navigation.

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- (——) 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

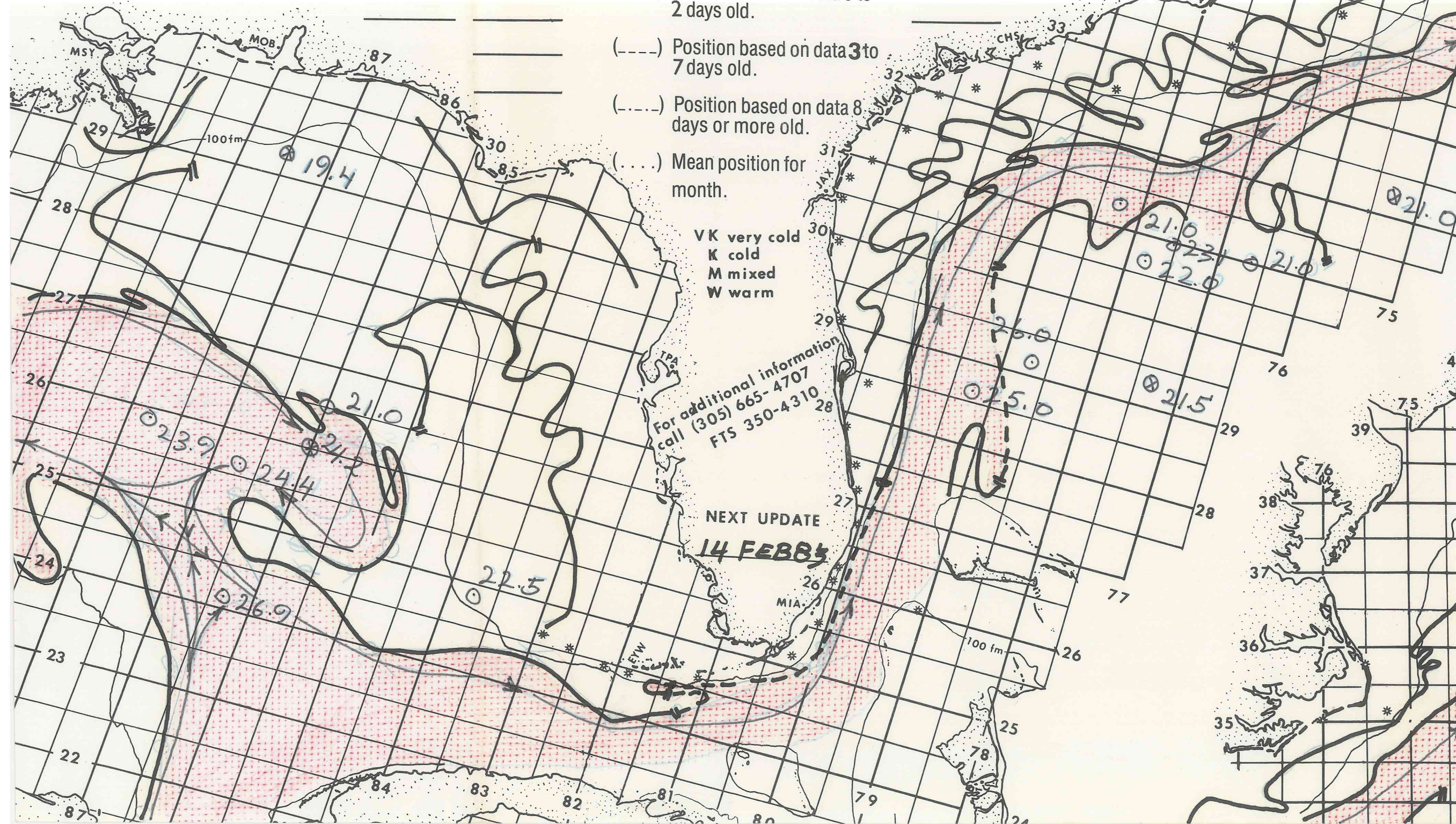
For additional information  
call (305) 665-4707  
FTS 350-4310

NEXT UPDATE

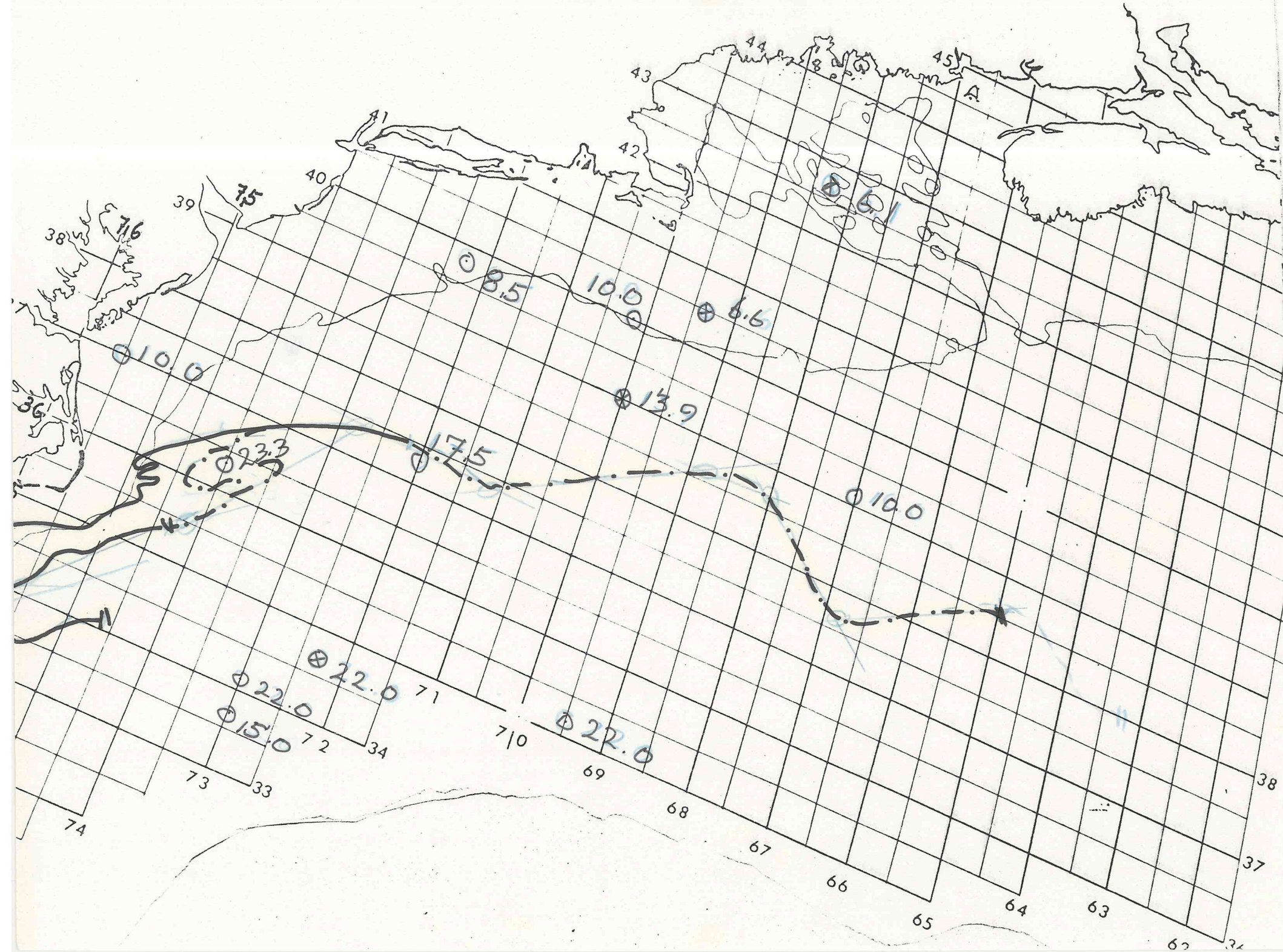
**14 FEB 83**

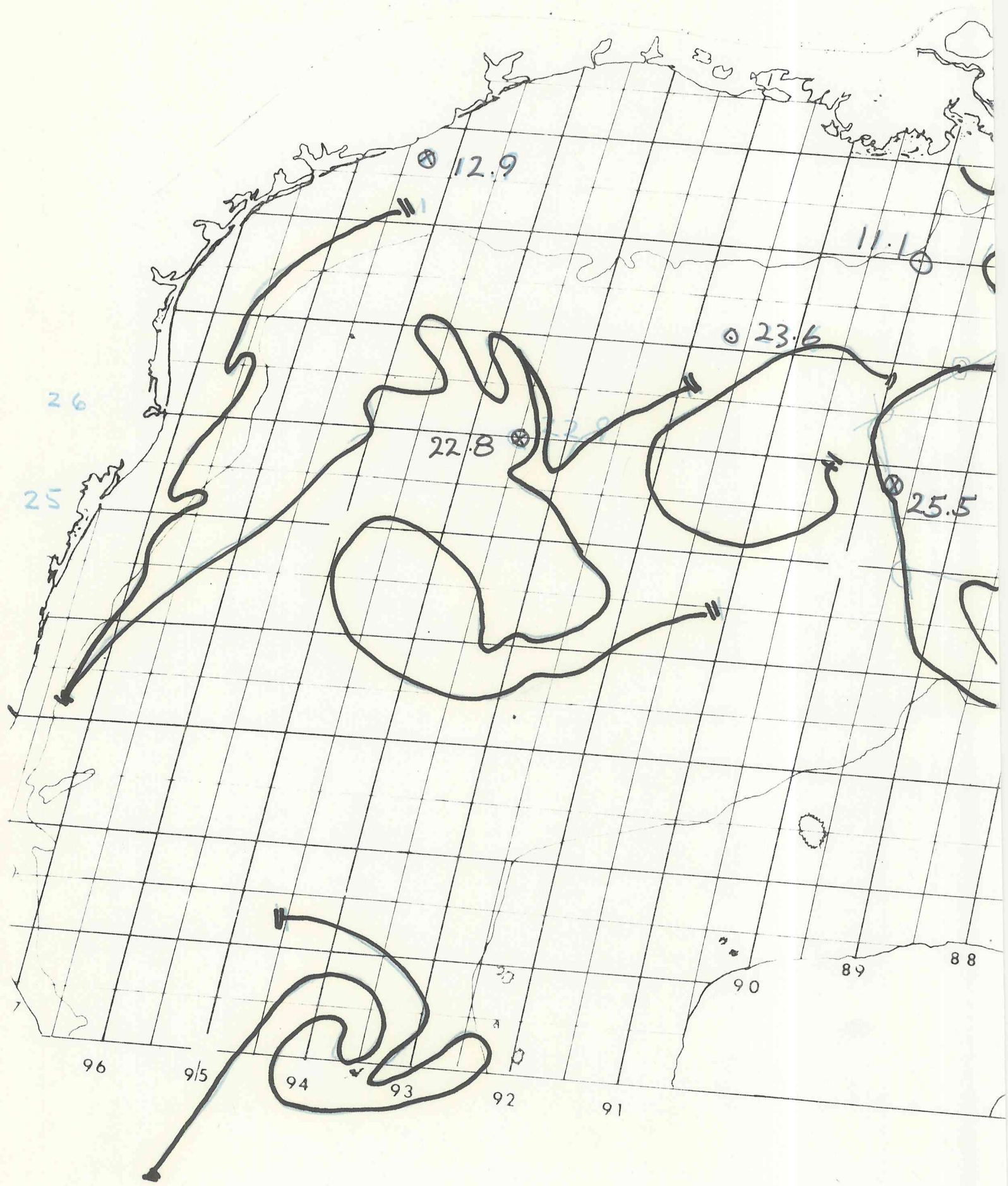
215864 224864 232866 245875 248879  
250894 265900 270893 271879 263860  
262853 252848 248850 249857 252860  
253866 258866 246862 246856 240846  
248830 239819 247812 250801 253806  
260800//

270799 279799 290801 294800 302801  
313791 320776 338762 341756 355741  
374728 374711 386688 387680 36  
376669 385650// SNP



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 11 FEB 1983 PART B





1983 FEB 11 PM 1:10

IFMZCZC MIAGLMMIA  
TBXX40 KMIA 111800  
MIAMI SFSS OCEANOGRAPHIC ANALYSES... 11 FEB 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
215864 224864 232866 245875 248879 250894 265900 270893 271879  
263860 262853 252848 248850 249857 252860 253866 258866 246862  
246856 240846 248830 239819 247812 250801 253800 260800.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
A86/39/M/24. B82/49/M/24. C97/42/M/24. D99/40/M/24. E89/45/M/25.  
F67/45/M/25. G53/56/M/25. H25/50/M/25. I38/40/M/25. J23/42/M/25.  
K15/41/M/25. L06/548M/26. M08/48/M/26. N08/41/M/26. O09/33/M/26.  
P13/46/M/26. Q14/34/M/27. R35/33/M/27. S31/44/M/27. T22/65/M/27.  
U21/77/M/27.  
AA69/38/M/24. BB69/68/M/24. CC64/46/M/24. DD49/40/M/24.  
EE61/24/M/24. FF78/36/M/24. GG40/40/M/24. HH55/55/M/24.  
II27/60/M/23. JJ75/M/M/23.

.....DATA STATUS.....  
A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT  
F CURRENT G CURRENT H CURRENT I CURRENT J CURRENT  
K CURRENT L 09 FEB. M 09 FEB. N 09 FEB. O 09 FEB.  
P 09 FEB. Q 09 FEB. R CURRENT S CURRENT T CURRENT  
U CURRENT.  
AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT  
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....  
INSIDE FRONT DATA... 70 NM SE OF A... 77 NM E OF C... 27 NM E OF F...  
28 NM E OF G... 58 NM SE OF AA... 44 NM SE OF DD... 30 NM SE OF EE.

EXTENSIVE MEANDERING OF THE SHOREWARD EDGE OF THE GULFSTREAM IS  
OBSERVED IN THE STRAITS OF FLORIDA. MEANDERS ARE MOVING DOWNSTREAM  
CAUSING RAPID CHANGES IN DISTANCES LISTED ABOVE.

WHITE/BAIG

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

215863 224864 231866 240874 249878  
 251882 249894 262900 266899 270891  
 271880 265865 260853 252842 248848  
 248852 254864 253866 249866 237849  
 236842 236829 241816 247806 249804  
 250802 254800 260799//

Date: 14 FEB 1983

270799 305800 318791 320785 319778  
 321774 324772 339758 341754 349749  
 356739 372728 374722 // SVP

Depicted land should not be used for navigation.

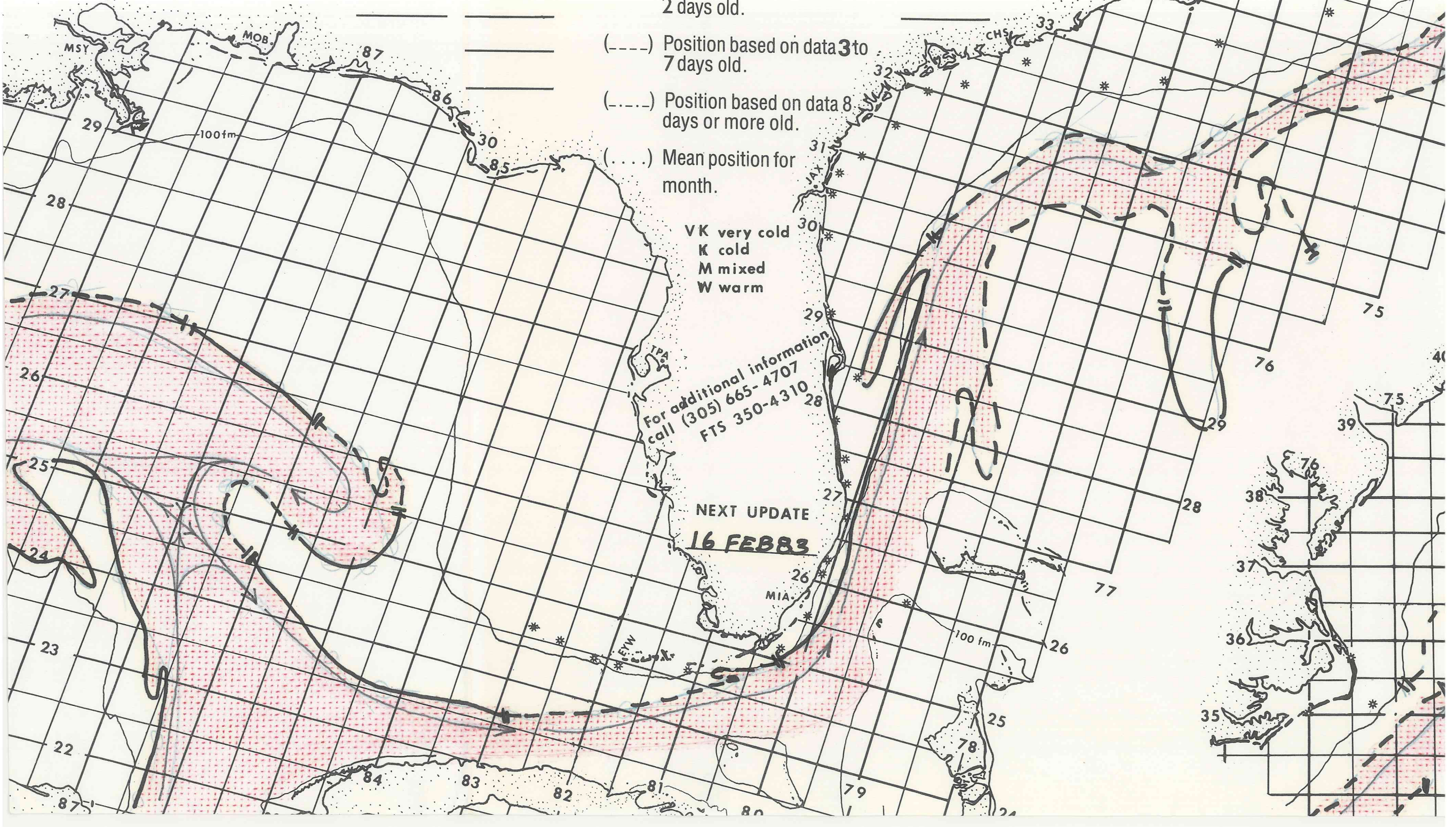
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) 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.

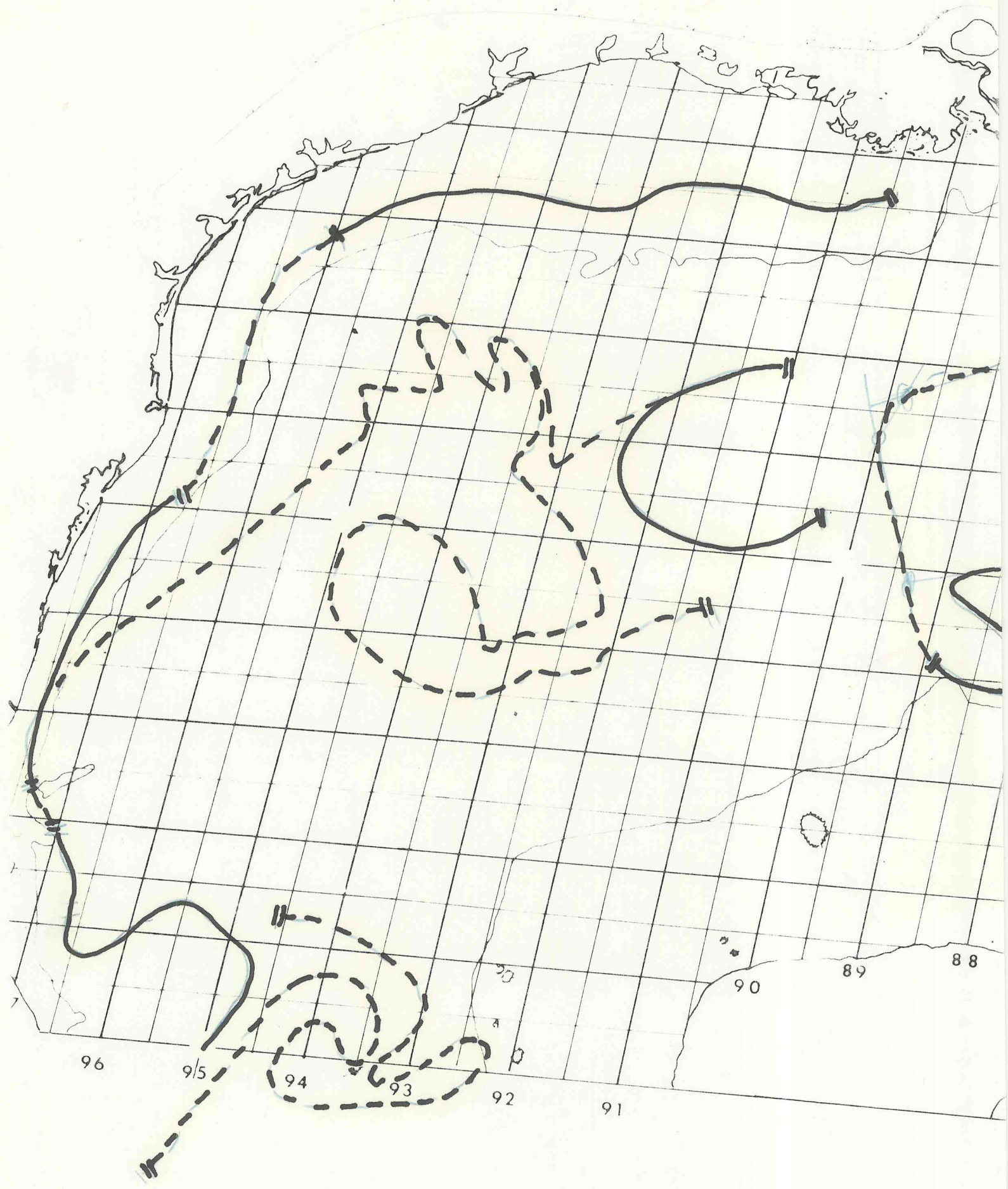
VK very cold  
 K cold  
 M mixed  
 W warm

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

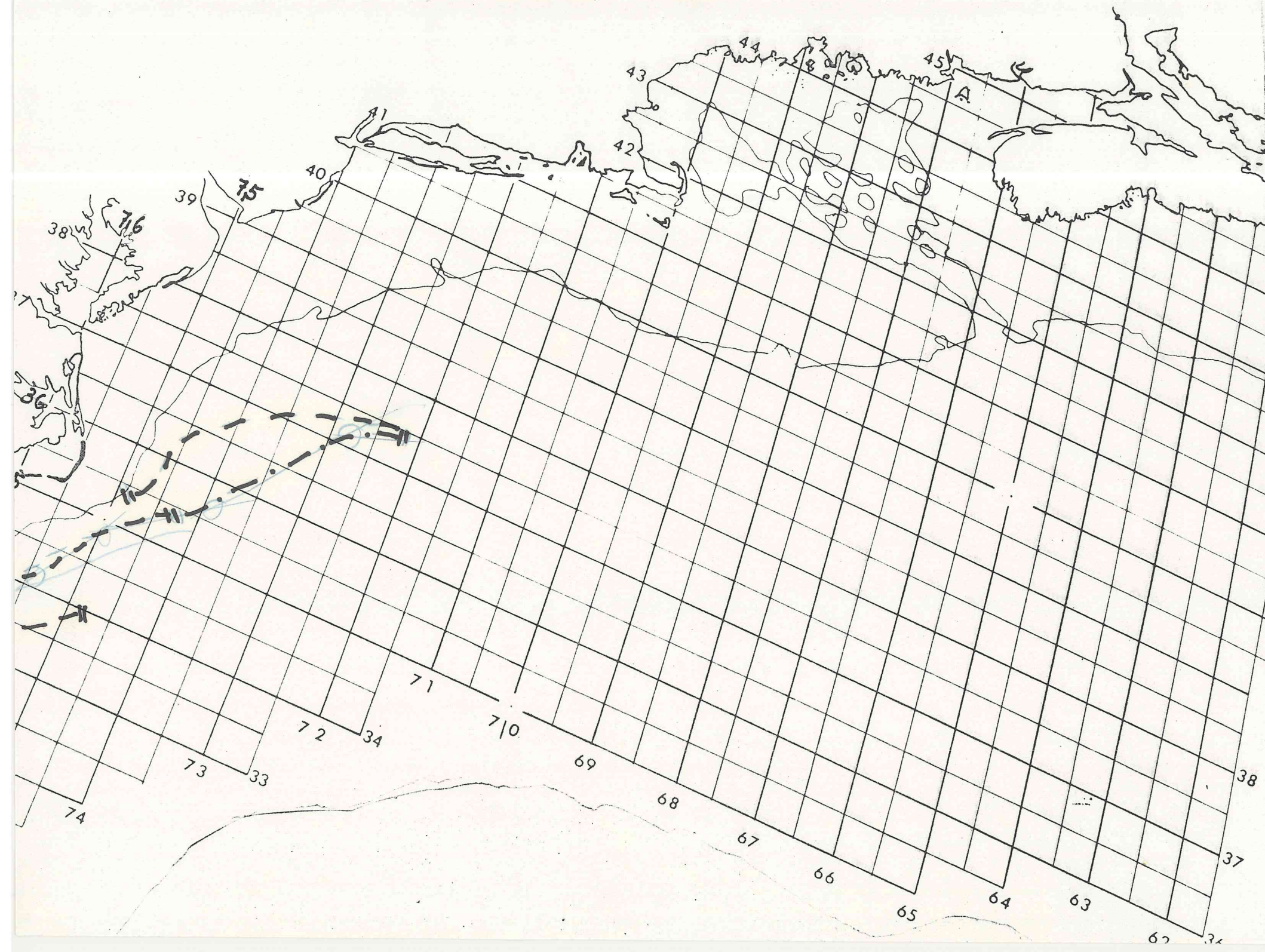
NEXT UPDATE  
**16 FEB 83**







MIAMI SFSS ANALYSIS OF THE GULF STREAM: 14 FEB 1983 PART B



NNNN

↓

V

ZCZC

SXNT 1 KWBC 142200

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

27.0/79.9	27.9/79.9	29.0/80.1	29.4/80.0
30.2/80.1	31.3/79.1	32.0/77.6	33.8/76.2
34.1/75.6	35.4/74.1	37.2/72.9	37.8/70.5
37.7/70.0	38.0/69.0	38.2/67.5	38.2/65.0

THE MAXIMUM GULF STREAM CURRENT LINES 10-15 MILES SEAWARD OF THIS LINE.  
WARM EDDIES 40.5/64.8/70 NMI. DIAM. 41.6/58.6/60 NMI. DIAM.  
COLD EDDIES 35.3/72.5/75 NMI. DIAM.  
LATEST SATELLITE DATA 2/14/83

1983 FEB 14 AM 11:12

ZCZC MIAGLMMIA  
TBXX40 KMIA 141600  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...14 FEB 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
215863 224864 231866 240874 249878 251882 249894 262900 266899  
270891 271880 265865 260853 252842 248848 248852 254864 253866  
249866 237849 236842 236829 241816 247806 249804 250802 254800  
260799.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
A86/37/M/24. B83/56/M/24. C97/49/M/24. D97/46/M/24. E90/40/M/25.  
F64/50/M/25. G60/50/M/25. H28/43/M/25. I33/48/M/25. J19/48/M/25.  
K12/43/M/25. L06/48/M/26. M13/38/M/26. N13/34/M/26. O11/32/M/26.  
P05/53/M/26. Q16/34/M/27. R34/30/M/27. S39/32/M/27. T56/30/M/27.  
U64/30/M/27.  
AA74/39/M/24. BB65/73/M/24. CC59/56/M/24. DD57/44/M/24.  
EE60/23/M/24. FF91/29/M/24. GG40/38/M/24. HH38/50/M/24.  
II27/60/M/23. JJ71/M/M/23.

.....DATA STATUS.....  
A 09 FEB. B 09 FEB. C 09 FEB. D 09 FEB. E 09 FEB.  
F CURRENT G CURRENT H CURRENT I CURRENT J CURRENT  
K CURRENT L 09 FEB. M 09 FEB. N 09 FEB. O 09 FEB.  
P 09 FEB. Q 09 FEB. R CURRENT S CURRENT T CURRENT  
U CURRENT.  
AA 09 FEB. BB 09 FEB. CC 09 FEB. DD 09 FEB. EE 09 FEB.  
FF 09 FEB. GG 09 FEB. HH 09 FEB. II 09 FEB. JJ 09 FEB.

.....  
34 NM E OF G...AND NEAR H.

EXTENSIVE MEANDERING OF THE SHOREWARD EDGE OF THE GULFSTREAM IS  
OBSERVED IN THE STRAITS OF FLORIDA. MEANDERS ARE MOVING DOWNSTREAM  
CAUSING RAPID CHANGES IN THE DISTANCES LISTED ABOVE.

BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

215865 225866 235869 246876 252883  
251889 255900 264900 270900 272893  
274886 271876 265865 258854 251844  
246842 240845 244850 251859 251861  
248863 236855 231851 230846 234835  
235830 237824 235815 240807 245804  
248800 254799  
260798//

NOAA Miami SFSS

Date: 16 FEB 19 83

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.

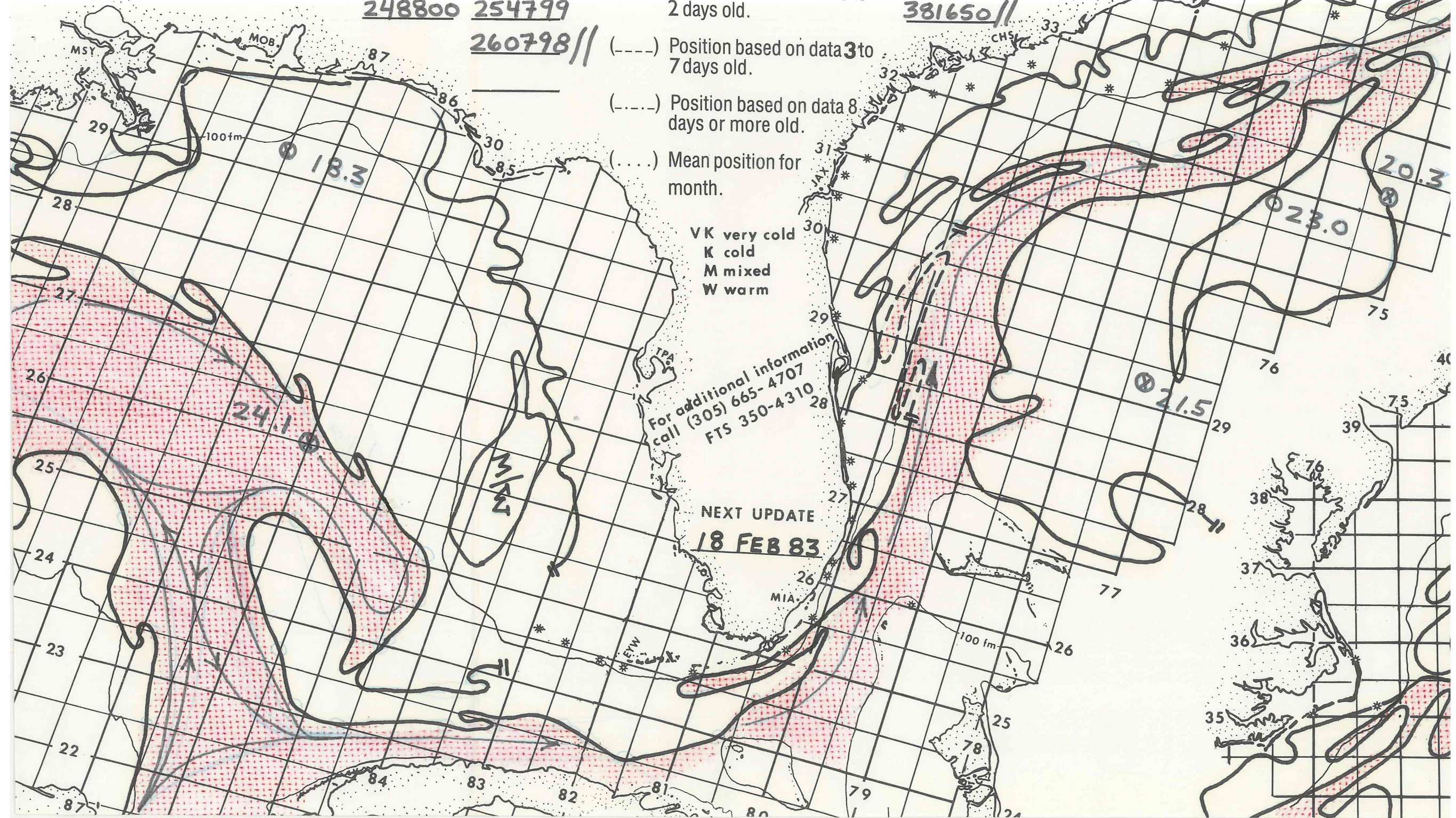
VK very cold  
 K cold  
 M mixed  
 W warm

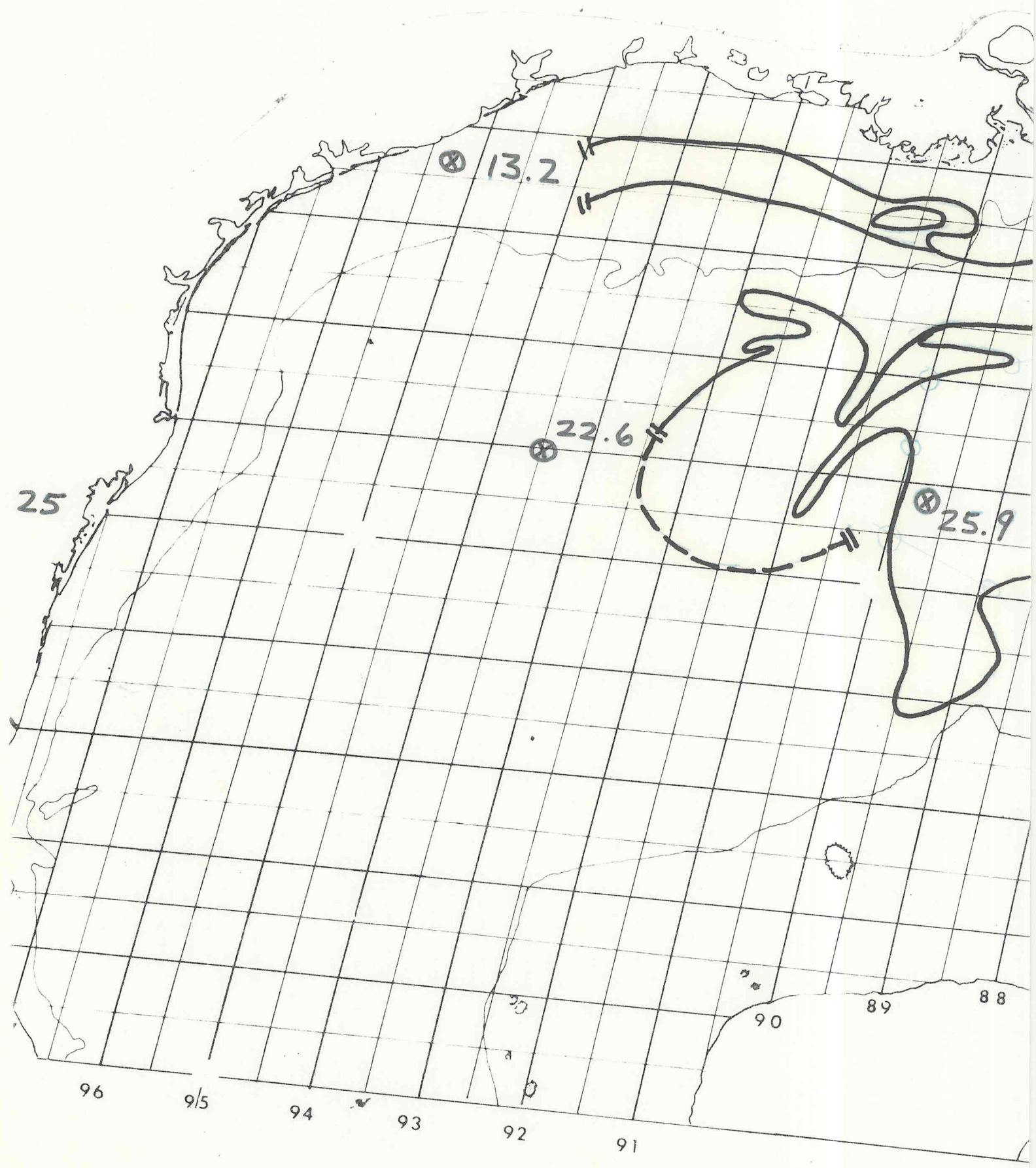
For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT UPDATE  
**18 FEB 83**

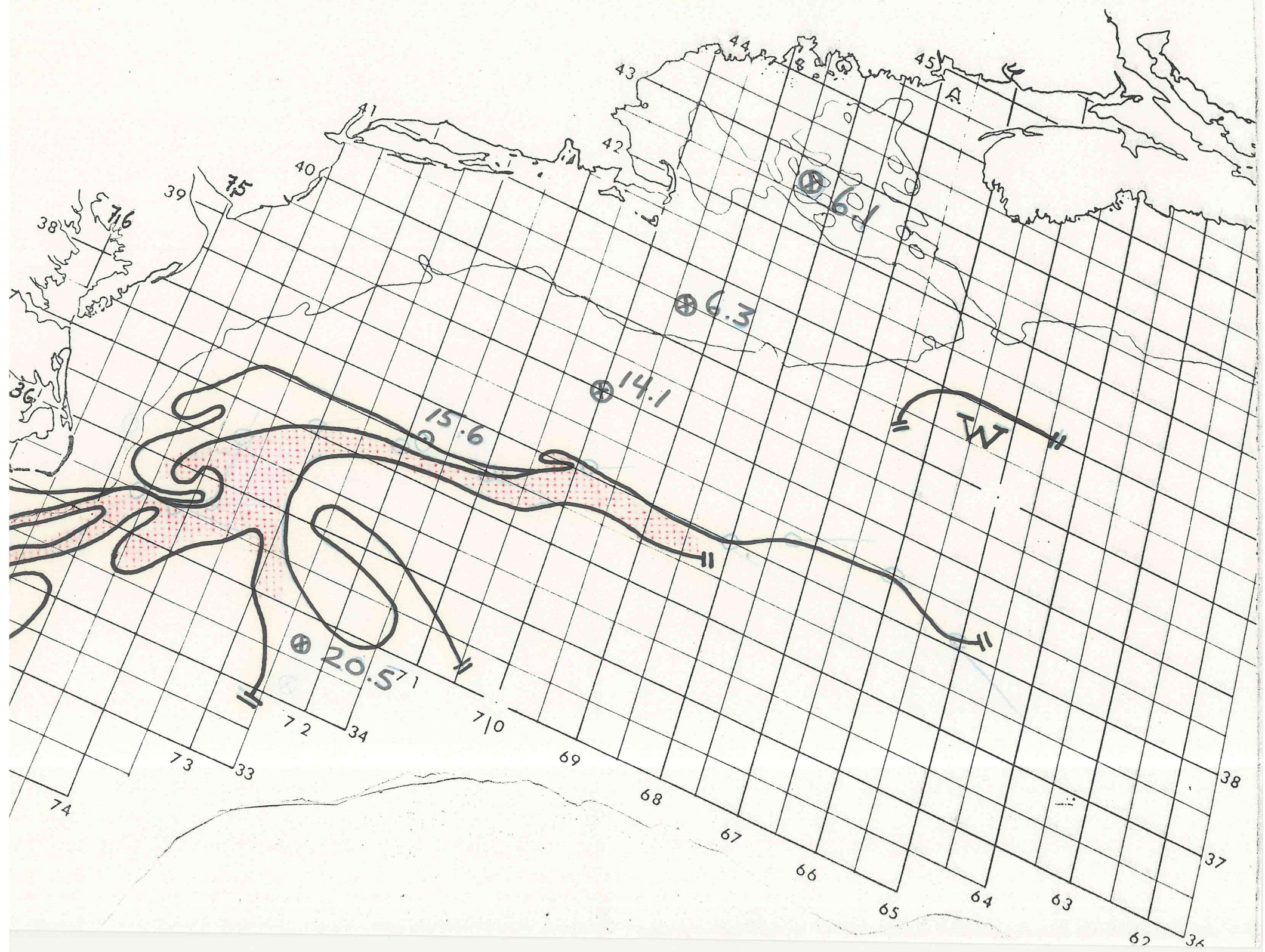
GULF STREAM SYSTEM FLOW CHART # 2450

270798 288798 305799 311795 316787  
320782 320776 324772 332767 339764  
340760 345753 355746 355741 36  
357738 366737 371730 373720  
375710 381699 380680  
384673 385660  
381650//





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 16 FEB 1983 PART B



1983 FEB 16 PM 2:10

ZCZC MIAGLMMIA  
TBXX40 KMIA 161830  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...16 FEB 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
215865 225866 235869 246876 252883 251889 255900 264900 270900  
272893 274886 271876 265865 258854 251844 246842 240845 244850  
251859 251861 248863 236855 231851 230846 234835 235830 237824  
235815 240807 245804 248800 254799 260798.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
A93/41/M/24. B91/58/M/24. C104/48/M/24. D104/50/M/24. E98/48/M/25.  
F80/40/M/25. G58/57/M/25. H40/47/M/25. I47/43/M/25. J34/31/M/25.  
K25/29/M/25. L13/43/M/26. M28/28/M/26. N25/26/M/26. O06/36/M/26.  
P23/40/M/26. Q47/07/M/27. R56/24/M/27. S55/25/M/27. T54/37/M/27.  
U66/32/M/27.  
AA86/32/M/24. BB88/31/M/24. CC59/32/M/24. DD62/29/M/24.  
EE55/42/M/24. FF63/44/M/24. GG29/16/M/24. HH60/07/M/24.  
II27/10/M/24. JJ50/23/M/24.

.....DATA STATUS.....  
A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT  
F 14 FEB. G 14 FEB. H 14 FEB. I CURRENT J CURRENT  
K CURRENT L CURRENT M CURRENT N CURRENT O CURRENT  
P CURRENT Q CURRENT R CURRENT S CURRENT T CURRENT  
U CURRENT.  
AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT  
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....  
INSIDE FRONT DATA...76 NM SE OF A...86 NM E OF C...10 NM E OF M...  
NEAR P...70 NM SE OF AA...75 NM SE OF BB...NEAR DD AND 44 NM SE OF  
DD...21 NM AND 40 NM SE OF EE...32 NM SE OF HH...09 NM SE OF II.  
SMALL MEANDERS ARE OBSERVED BETWEEN L AND M...AND O TO Q ALONG THE  
SHOREWARD EDGE OF THE GULFSTREAM.  
EXTENSIVE MEANDERING OF THE SHOREWARD EDGE OF THE GULFSTREAM IS  
OBSERVED IN THE STRAITS OF FLORIDA. MEANDERS ARE MOVING DOWNSTREAM  
CAUSING RAPID CHANGES IN THE DISTANCES LISTED ABOVE.

WHITE/BAIG



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **18 FEB** 19**83**

215865 220865 228869 233869 237867  
 243869 245873 252880 254885 252890  
 254895 261900 270900 272887 270887  
 270870 261860 249843 243843 233847  
 241848 249854 251860 249864 235855  
 231852 229850 230845 237828 239809  
 247798 260796

270797 291799 305799 319787 320774  
 328770 330766 339762 345752 355747  
 358740 374727 376708 382693 36  
 380679 385668 385657 381651

Depicted land should not be used for navigation.

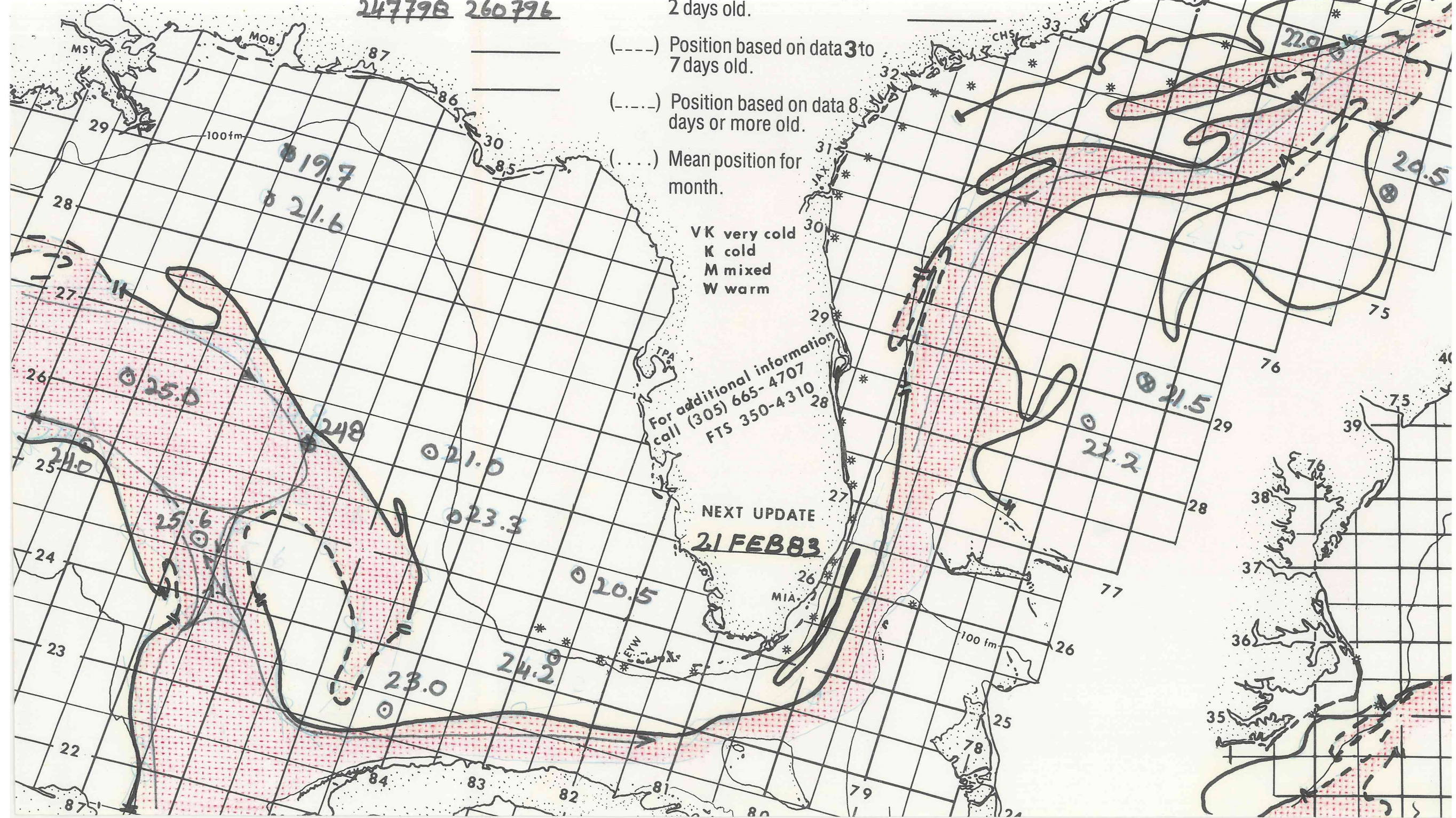
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) 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.

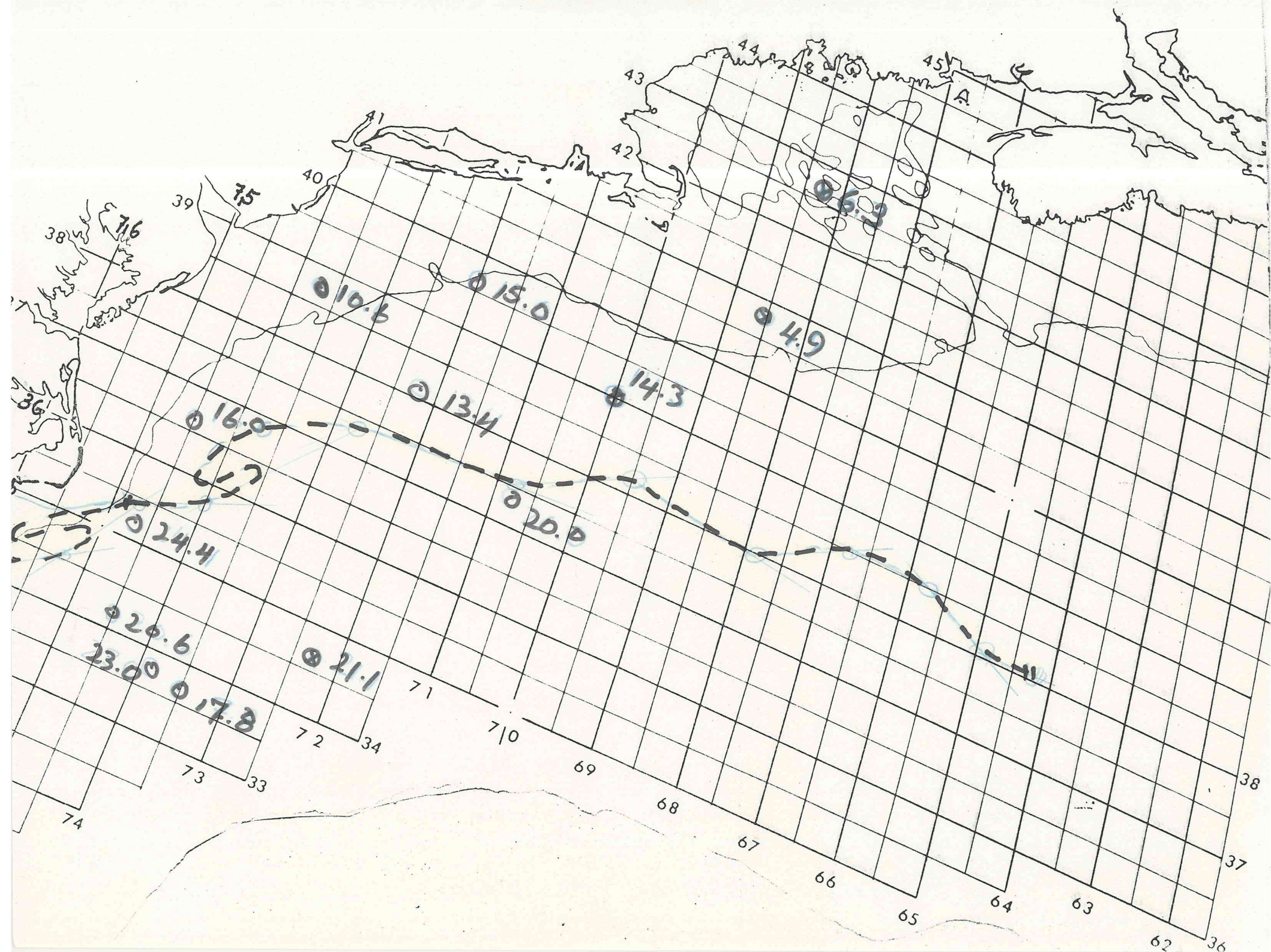
VK very cold  
 K cold  
 M mixed  
 W warm

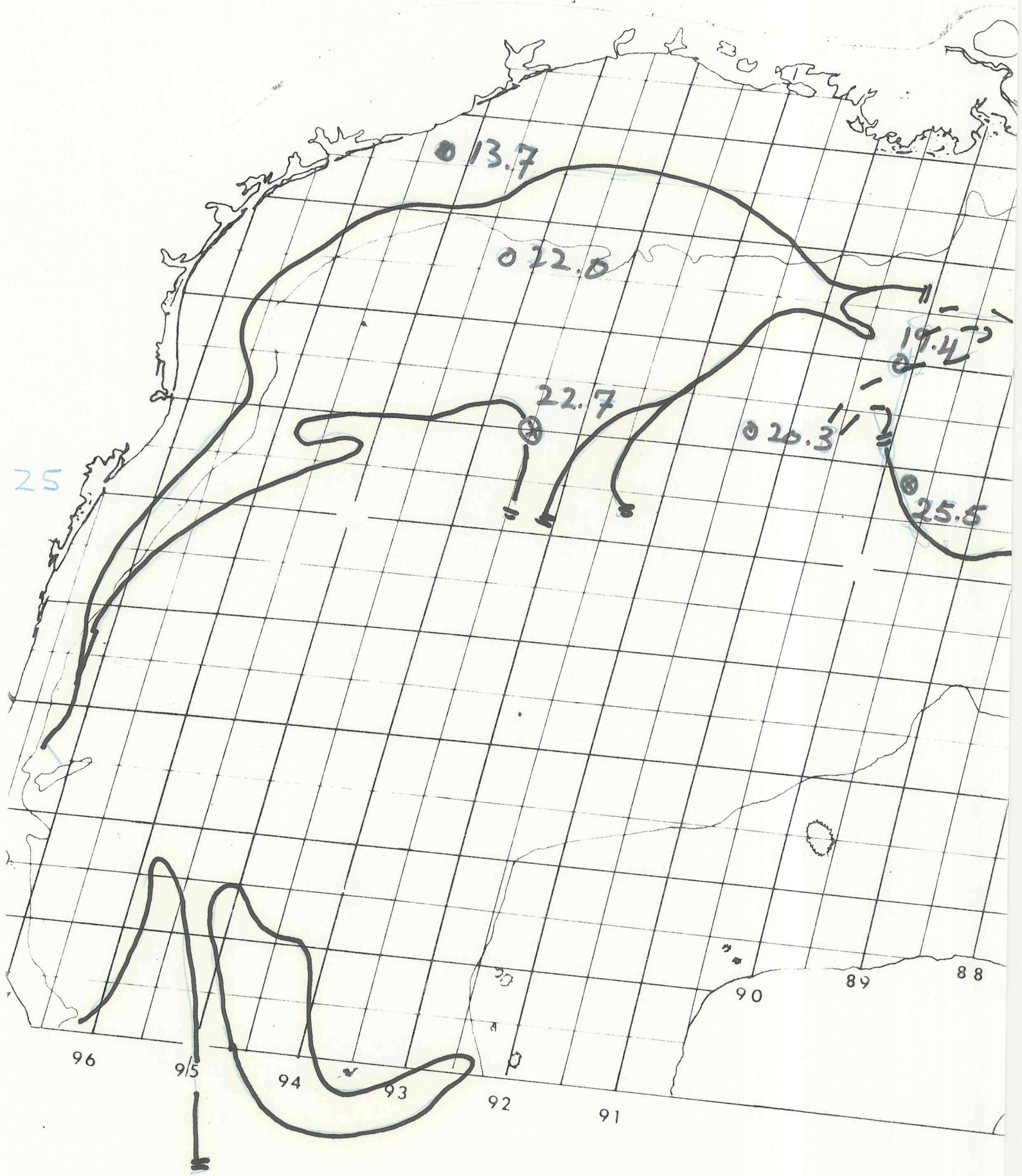
For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT UPDATE  
**21 FEB 83**



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 18 FEB 1983 PART B





↓A  
ZCZC WBC100  
TBXX40 KMIA 181830  
MIAMI SFSS OCEANOGRAPHIC ANALYSES... 18 FEB 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
215865 220865 228869 233869 237867 243869 245875 252880 254885  
252890 254895 261900 270900 272887 270887 270870 261860 249843  
243843 233847 241848 249854 251860 249864 235855 231852 229850  
230845 237828 239809 247798 260796.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
A92/44M/23. B88/54M/23. C107/47M/23. D105/52M/23. E94/53M/24.  
F81/37M/24. G60/70M/24. H32/85M/24. I43/55M/24. J34/36M/24.  
K30/27M/24. L25/33M/25. M30/31M/25. N30/23M/25. O27/17M/25.  
P36/22M/25. Q36/15M/26. R47/25M/26. S47/30M/26. T55/34M/26.  
U64/34M/26.  
AA83/37M/23. BB70/42M/23. CC60/35M/23. DD66/25M/23.  
EE59/40M/23. FF65/52M/23. GG25/65M/23. HH55/14M/23.  
II17M/M/23. JJ55M/M/23.

.....DATA STATUS.....  
A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT  
F 14 FEB. G 14 FEB. H CURRENT I CURRENT J CURRENT  
K CURRENT L CURRENT M CURRENT N CURRENT O CURRENT  
P CURRENT Q CURRENT R CURRENT S CURRENT T CURRENT  
U CURRENT.  
AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT  
FF CURRENT GG CURRENT HH 16 FEB. II 16 FEB. JJ 16 FEB.

.....  
INSIDE FRONT DATA...74 NM SE OF A...69 NM E OF F...41 NM E OF G...  
11 NM E OF M...11 NM E OF N...08 NM E OF O...07 NM E OF P...65 NM  
SE OF AA...12 NM SE OF CC...40 NM AND 05 NM SE OF DD...16 NM SE OF  
EE...28 NM SE OF HH.  
AN ELONGATED CUTOFF MEANDER OF WARM WATER IS OBSERVED BETWEEN M AND  
P...APPROXIMATELY 8 NM WIDE AT ITS SOUTHERN END...05 NM WIDE AT  
CENTER...AND 3 NM WIDE AT ITS NORTHERN EXTREMITY...WITH SHOREWARD  
EDGE AT THE ABOVE LISTED INSIDE FRONT LOCATIONS.  
EXTENSIVE MEANDERING OF THE SHOREWARD EDGE OF THE GULFSTREAM IS  
OBSERVED IN THE STRAITS OF FLORIDA. MEANDERS ARE MOVING DOWNSTREAM  
CAUSING RAPID CHANGES IN THE DISTANCES LISTED ABOVE.  
WHITE/BAIG

1983 FEB 18 PM 3:22

VANV

ZCZC

SXNT1 KWBC 182005

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

27.0/79.7	29.1/79.9	30.5/79.9	31.9/78.7
32.0/77.4	32.8/77.0	33.0/76.6	33.9/76.2
34.5/75.2	35.5/74.6	35.3/74.0	35.7/73.8
36.6/73.7	37.5/73.0	37.7/70.3	38.0/70.0
38.1/68.0	38.4/67.1	38.2/65.0	

THE MAXIMUM GULF STREAM CURRENT LIES 10 ↑ 15 MILES  
SEAWARD OF THIS LINE.

WARM EDDIES 39.7/68.4/45 NMI DIAM  
40.6/65.0/85 NMI DIAM  
41.6/63.8/35 NMI DIAM

COLD EDDIES 35.4/72.2/85 NMI DIAM

LATEST SATELLITE DATA 2/18/83

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 21 FEB 1983

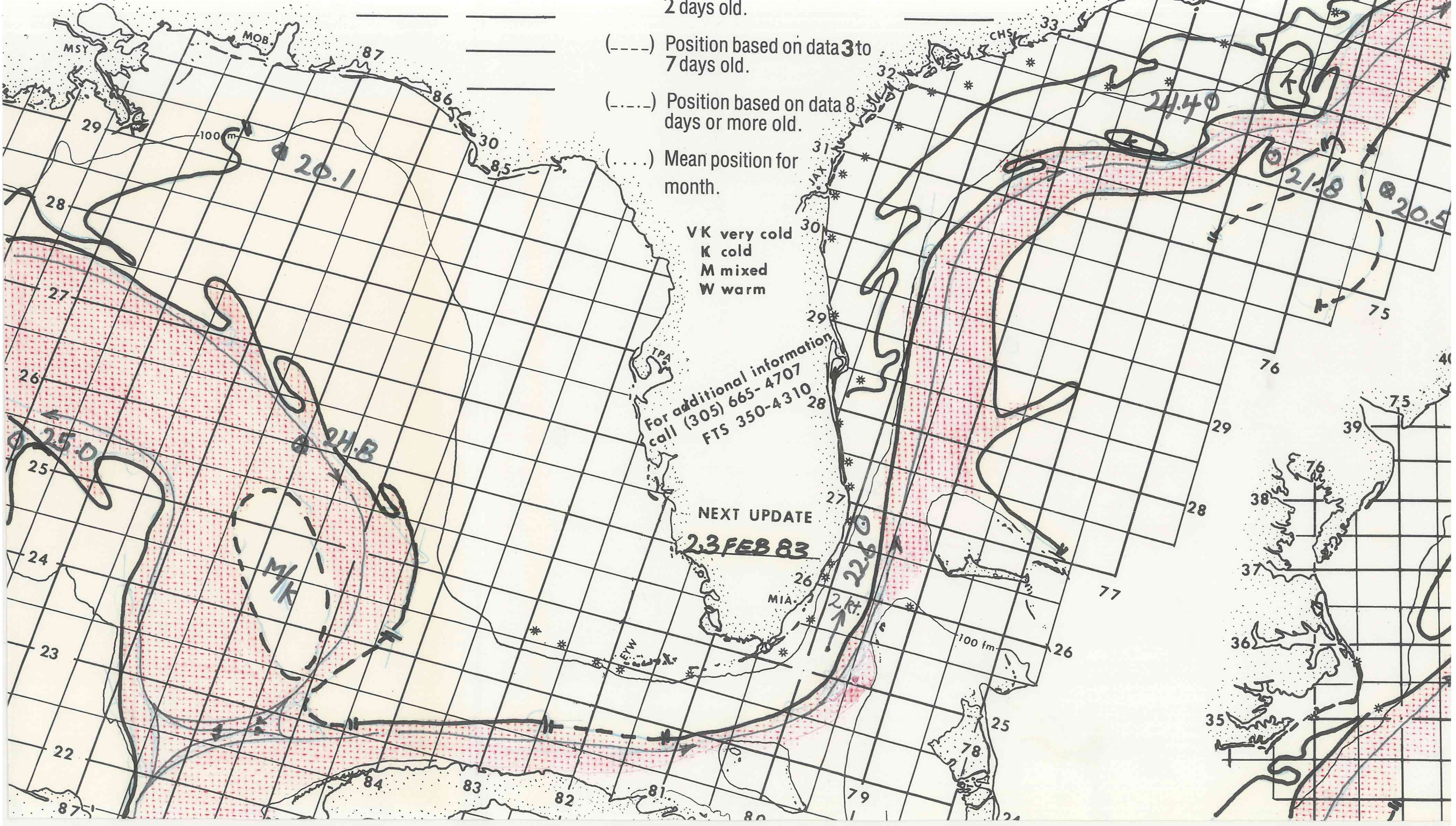
215864 220865 226869 238872 251872  
253877 253888 261900 265910 275900  
275894 275890 270873 252844 242844  
232850 230848 237825 239811 245800  
250797 260796 // \_\_\_\_\_

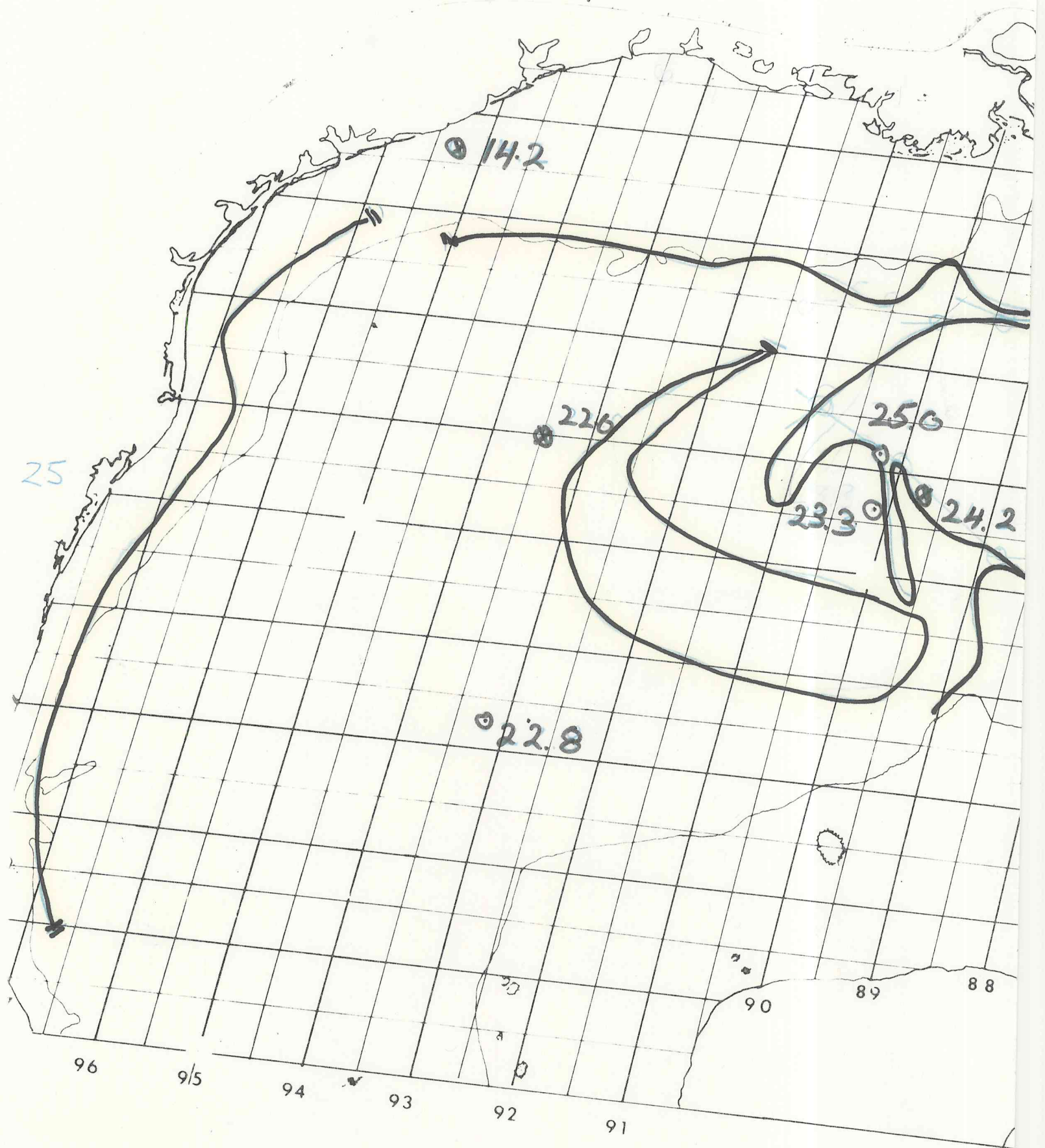
270797 300801 312795 318787 320777  
328770 329767 342766 351753 355746  
365738 375718 371710 378703 36  
383690 381677 386662 382652  
382645 387640 // SAP

Depicted land should not be used for navigation.

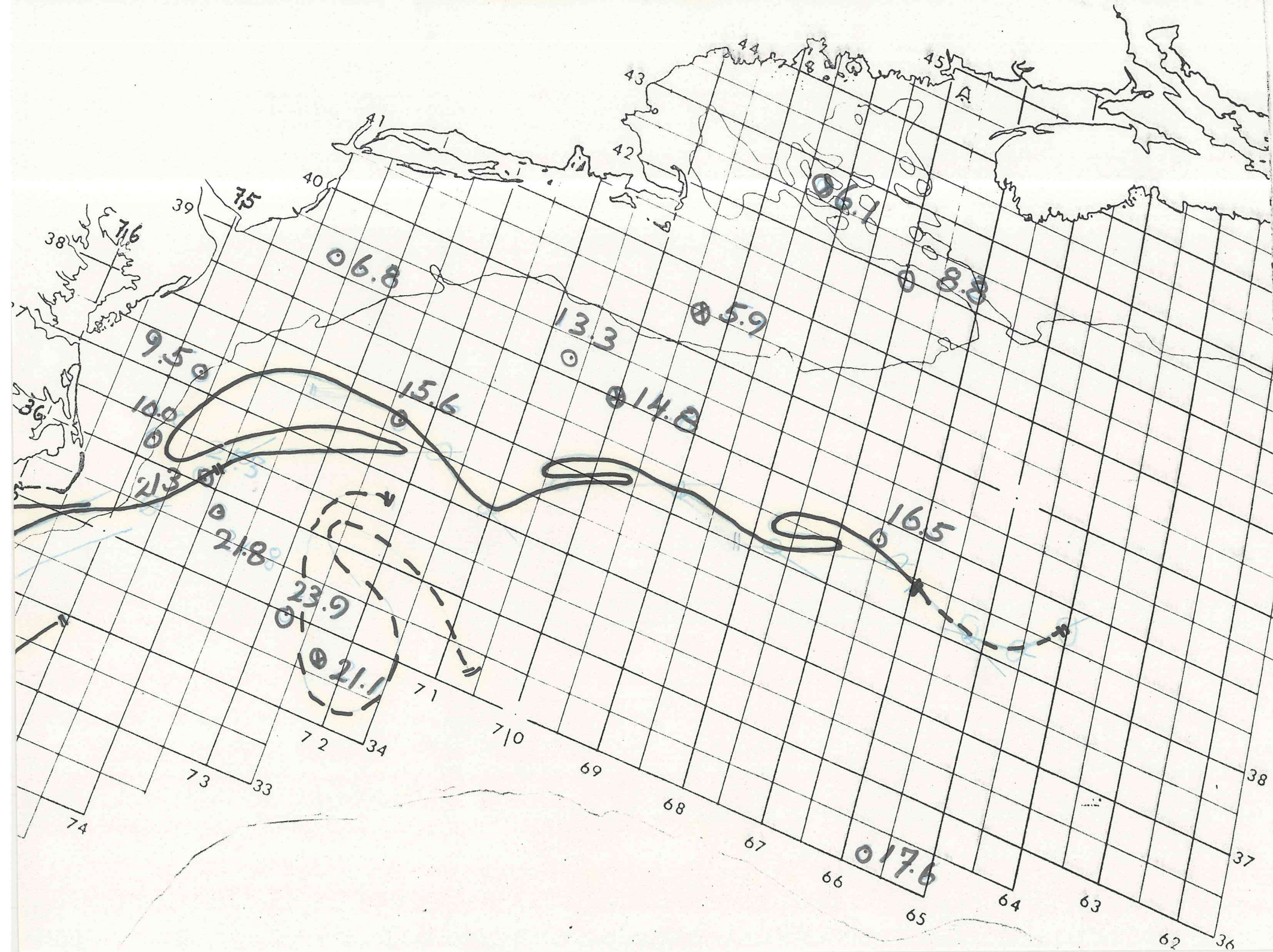
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) 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.





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 21 FEB 1983 PART B





NNNN

1969 FEB 21 AM 11:57

T  
ZCZC MTAO23  
JJMYNNYM KMIAYM  
211560 KMIAYM

TO BAHAMA MET. SVC.  
FROM NATIONAL HURRICAN CENTER MIAMI FLORIDA

SUBJECT... OCEANOGRAPHIC DATA  
REQUEST ANY INFORMATION YOU CAN GIVE US ON  
TIMES OF HIGH AND LOW TIDES FOR GRAND BAHAMA AND OR BIMINI.  
ALSO TIDAL CURRENT FLOW AND DIRECTION IN NORTH WEST  
PROVIDENCE CHANNEL

THANKING YOU  
STEVE BAIG

NNNN

NNNN  
ZCZC MIAGLMMIA  
TBXX40 KMIA 211830  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...21 FEB 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...

215864 220865 226869 238872 251872 253877 253888 261900 265910  
275900 275894 275890 270873 252844 242844 232850 230848 237825  
239811 245800 250797 260796.

1983 FEB 21 PM 2:18

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
A90/45/M/23. B89/59/M/23. C101/54/M/23. D105/53/M/23. E95/52/M/24.  
F70/51/M/24. G56/60/M/24. H31/70/M/24. I42/59/M/25. J31/M/25.  
K27/30/M/25. L25/33/M/25. M34/26/4/26. N35/19/4/26. O32/13/4/26.  
P35/23/4/26. Q45/08/M/26. R45/31/M/26. S49/31/M/26. T58/35/M/26.  
U67/34/M/26.  
AA79/44/M/23. BB75/40/M/23. CC63/30/M/23. DD54/30/23.  
EE60/45/M/23. FF96/55/M/23. GG18/71/M/23. HH29/M/M/23.  
II00/M/M/23. JJ52/M/M/23.

.....DATA STATUS.....  
A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT  
F CURRENT G CURRENT H CURRENT I CURRENT J CURRENT  
K CURRENT L CURRENT M CURRENT N CURRENT O CURRENT  
P CURRENT Q CURRENT R 18 FEB. S 18 FEB. T 18 FEB.  
U 18 FEB.  
AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT  
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....  
INSIDE FRONT DATA...66 NM SE OF AA. 82 NM SE OF FF.  
RECENT SHIP OBSERVATIONS INDICATE THAT IN THE STRAITS OF FLORIDA  
BETWEEN P AND M...THE COOL INSHORE WATER MASS 15 TO 20 NM WIDE  
SHOREWARD OF THE GULFSTREAM THERMAL EDGE IS MOVING DOWNSTREAM AT  
APPROXIMATELY 2 KNOTS. THIS CONDITION MAY ALSO EXIST IN THE STRAITS  
BETWEEN P AND U AS COOL INSHORE WATER AT THE SURFACE OVERRIDES THE  
GULFSTREAM MOVING THE VELOCITY EDGE INSHORE OF THE THERMAL EDGE.  
NOTE...ALL DISTANCES LISTED ABOVE ARE MEASURED TO THE THERMAL FRONT.

WHITE/BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

215864 220865 235871 245876 256883  
 264900 260914 268910 273905 277895  
 275880 269865 257855 253848 249844  
 244844 233850 230850 230846 236825  
 239810 244802 248798 256796 260795//

NOAA Miami SFSS

Date: **23 FEB** 19 **83**

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.

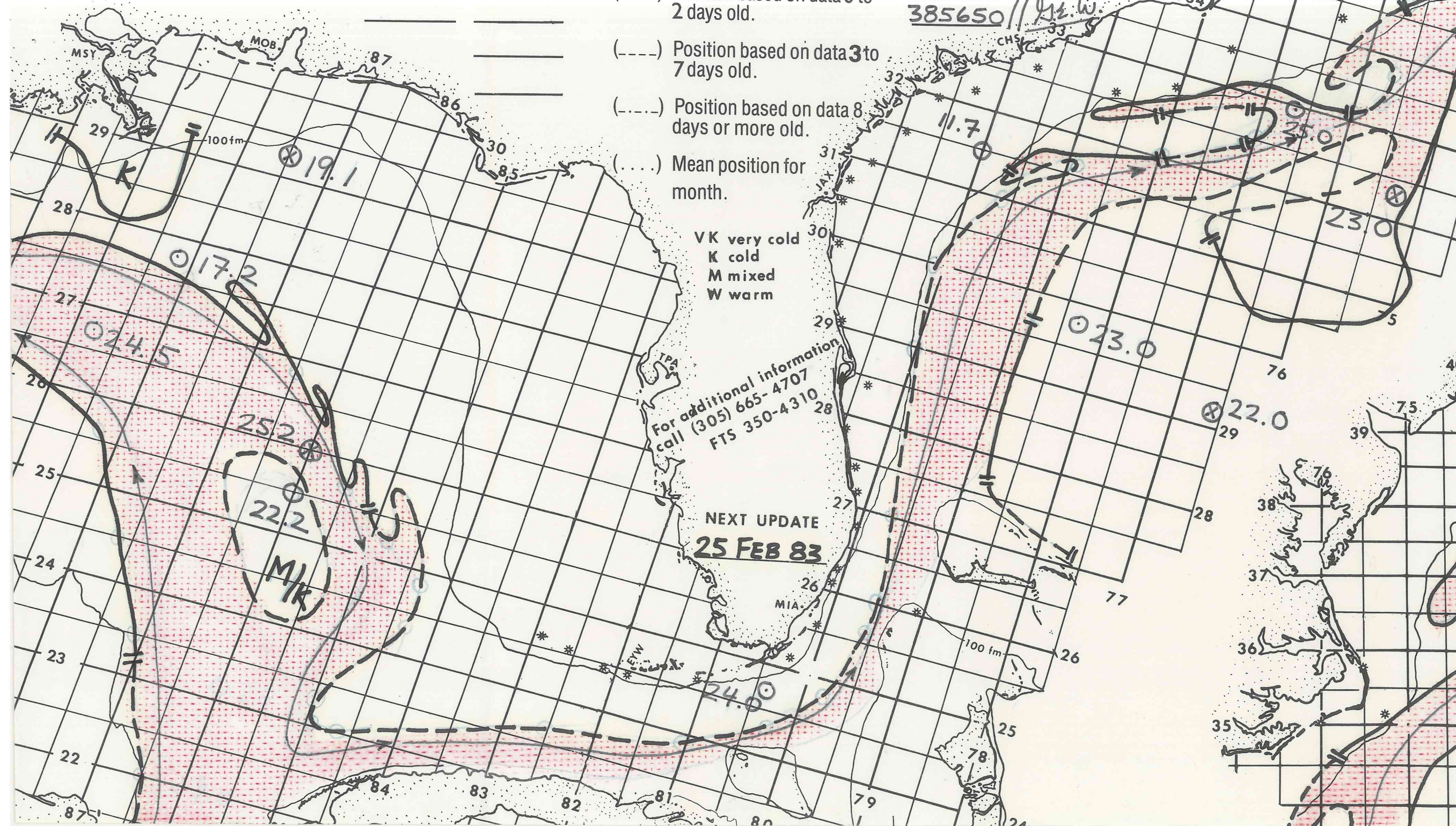
VK very cold  
 K cold  
 M mixed  
 W warm

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

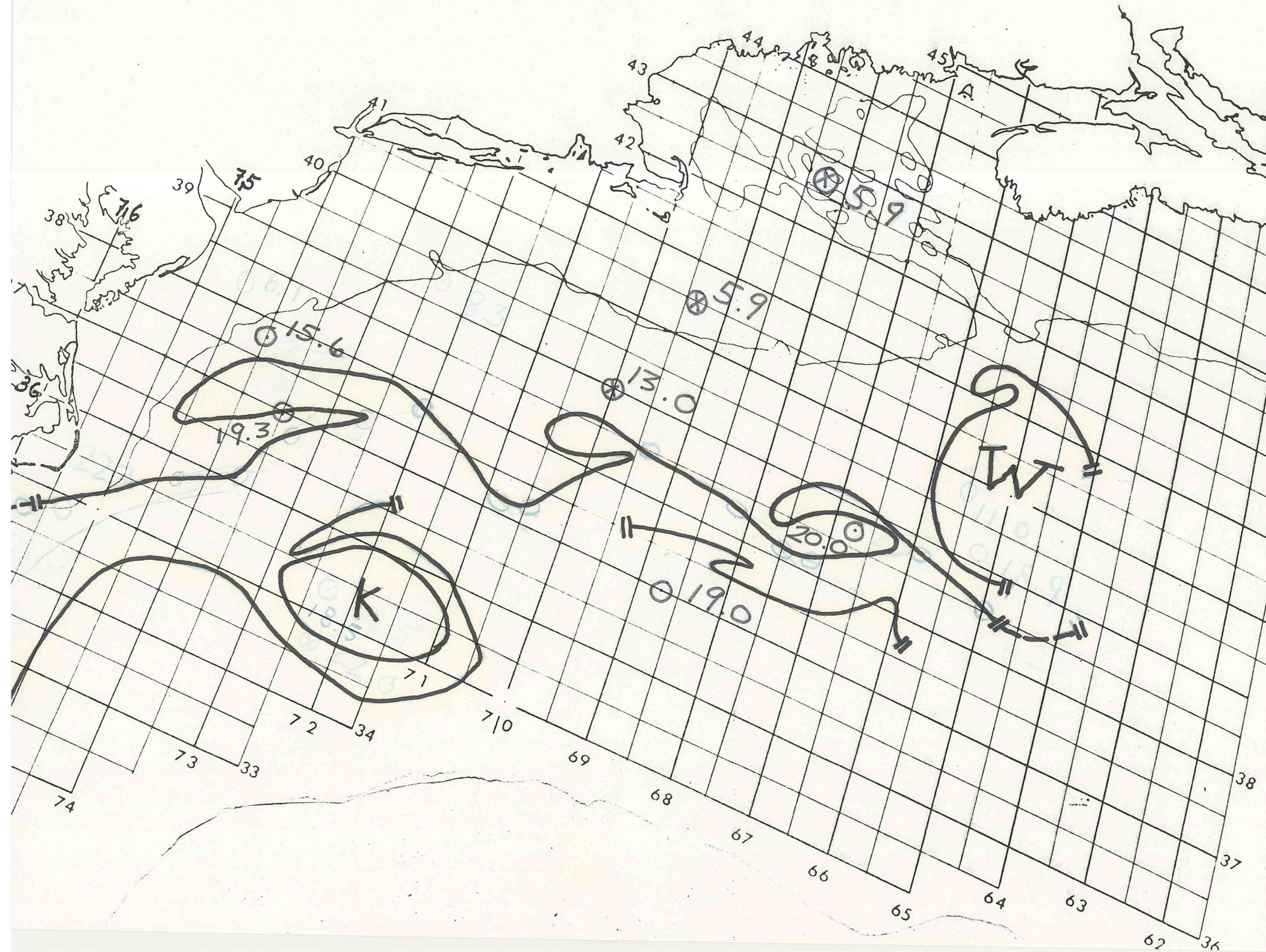
NEXT UPDATE  
**25 FEB 83**

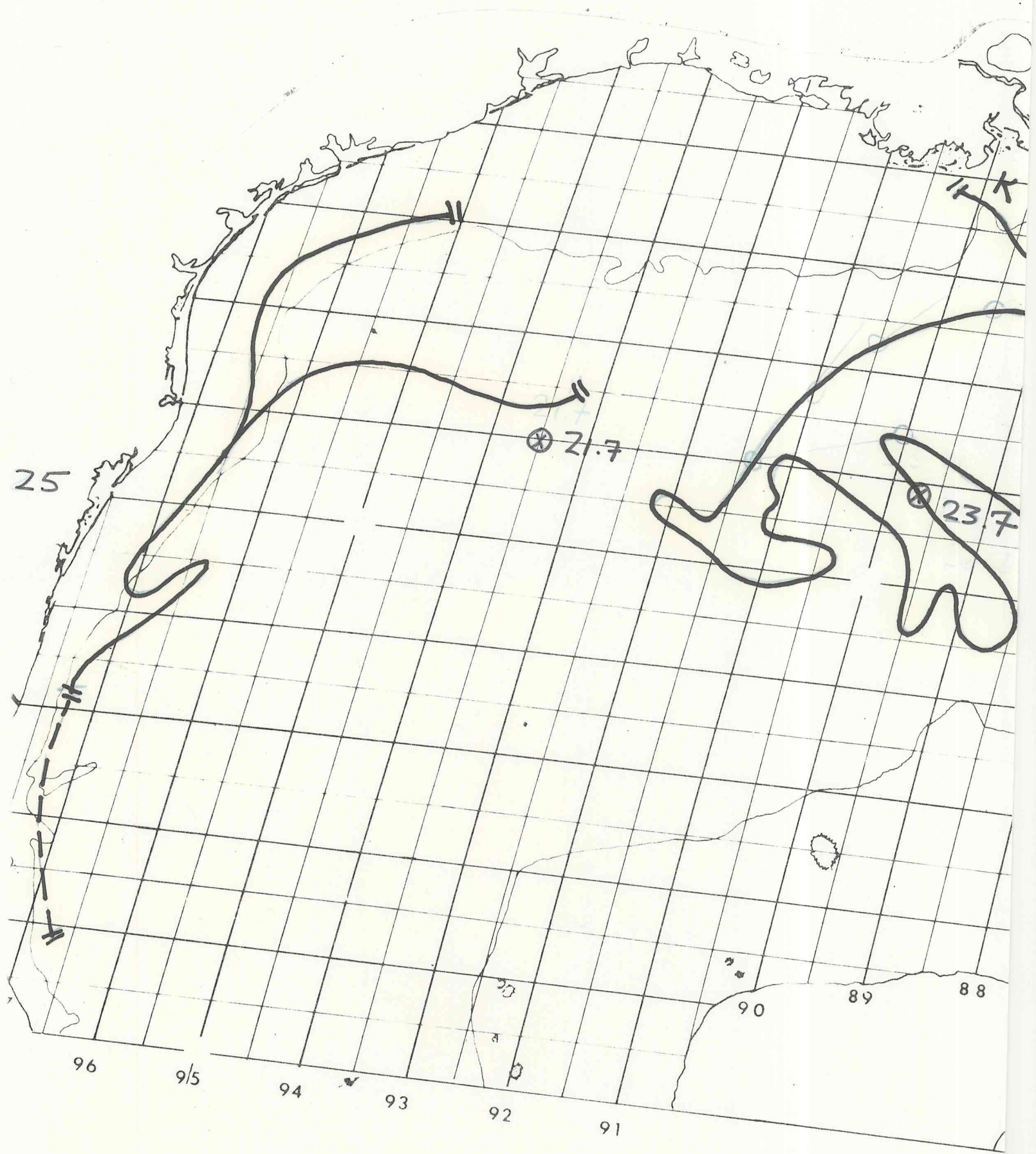
GULF STREAM SYSTEM FLOW CHART # 2450

270797 290800 300801 310796 316789  
 320780 325770 331760 333757 338757  
 346757 357744 360737 368733 368733  
 374726 378720 372709 372705  
 385694 383681 381675  
 382671 388659  
 385650// *G.W.*



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 23 FEB 1983 PART B





NNNN

1983 FEB 23 AM 11:12

ZCZC MIAGLMMIA  
TBXX40 KMIA 231530  
MIAMI SFSS OCEANOGRAPHIC ANALYSES.23 FEB 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARM WATER OF THE GULF OF MEXICO LOOP CURRENT...  
215864 220865 235871 245876 256883 264900 260914 268910 273905  
277895 275880 269865 257855 253848 249844 244844 233850 230850  
230846 236825 239810 244802 248798 256796 260795.

..MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
A90/73/M/23. B880/M/23. C102/65/M/23. D102/70/M/23. E94/75/M/24.  
F69/76/M/24. G56/70/M/24. H32/64/M/24. I41/62/M/25. J300/M/25.  
K28/29/M/25. L24/33/M/25. M34/26/4/26. N35/19/4/26. O32/13/4/26.  
P35/23/4/26. Q45/08/M/26. R45/31/M/26. S49/30/26. T58/35/M/26.  
U67/34/M/26.  
AA80/57/M/23. BB75/41/M/23. CC56/36/M/23. DD55/32/M/23.  
EE65/34/M/23. FF126/19/M/23. GG65/55/M/23. HH29/60/M/23.  
II07/56/M/23. JJ54/58/M/23.

.....DATA STATUS.....  
A 21 FEB. B 21 FEB. C 21 FEB. D 21 FEB. E 21 FEB.  
F 21 FEB. G 21 FEB. H 21 FEB. I 21 FEB. J 21 FEB.  
K 21 FEB. L 21 FEB. M 21 FEB. N 21 FEB. O 21 FEB.  
P 21 FEB. Q 21 FEB. R 21 FEB. S 21 FEB. T 18 FEB.  
U 18 FEB.  
AA 21 FEB. BB CURRENT CC CURRENT DD 21 FEB. EE CURRENT  
FF CURRENT GG 21 FEB. HH CURRENT II CURRENT JJ CURRENT

.....  
INSIDE FRONT DATA...63 NM SE OF AA...10 NM SE OF CC...10 NM SE OF  
DD...30 NM SE OF EE...82 NM SE OF GG.  
RECENT SHIP OBSERVATIONS INDICATE THAT IN THE STRAITS OF FLORIDA  
BETWEEN P AND M, THE COOL INSHORE WATER MASS 15 TO 20 NM WIDE  
SHOREWARD OF THE GULFSTREAM THERMAL EDGE IS MOVING DOWNSTREAM AT  
APPROXIMATELY 2 KNOTS. THIS CONDITION MAY ALSO EXIST IN THE STRAITS  
BETWEEN P AND U AS COOL INSHORE WATER AT THE SURFACE OVERRIDES THE  
GULFSTREAM MOVING THE VELOCITY EDGE INSHORE OF THE THERMAL EDGE.

WHITE/BAIG

NNNN↓

ZCZC

SXNT1 KWBC 232115

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

27.0/79.7 29.0/80.0 30.0/80.1 31.0/79.6  
31.6/78.9 32.0/78.0 32.5/77.0 33.1/76.0  
33.3/75.7 33.8/75.7 34.6/75.7 35.7/74.4  
36.0/74.0 36.8/73.3 37.4/72.6 37.6/72.0  
37.2/70.9 37.4/70.5 38.5/69.4 38.3/68.1  
38.2/67.5 38.1/67.1 38.8/65.9 38.6/65.0

THE MAXIMUM GULF STREAM CURRENT LIES 10↑15 MILES SEAWARD OF THIS  
LINE.

WARM EDDIES 47/68.3/45NMI. DIAM. 40.8/65.0/85 NMI. DIAM. 41.8/63.  
5/30 NMI. DIAM.

COLD EDDIES 3504/71.9/70 NMI. DIAM.  
LATEST SATELLITE DATA 2/23/83

1983 FEB 23 PM 4:12

NNNN↓

GULF STREAM SYSTEM FLOW CHART # 2450

215864 237872 255881 260890 267905  
 270912 275906 276900 274893 274885  
 271875 265864 260859 255854 254850  
 252844 242843 232847 230845 236825  
 239810 245799 250796 260796//

NOAA Miami SFSS

Date: **25 FEB** 19 **83**

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.

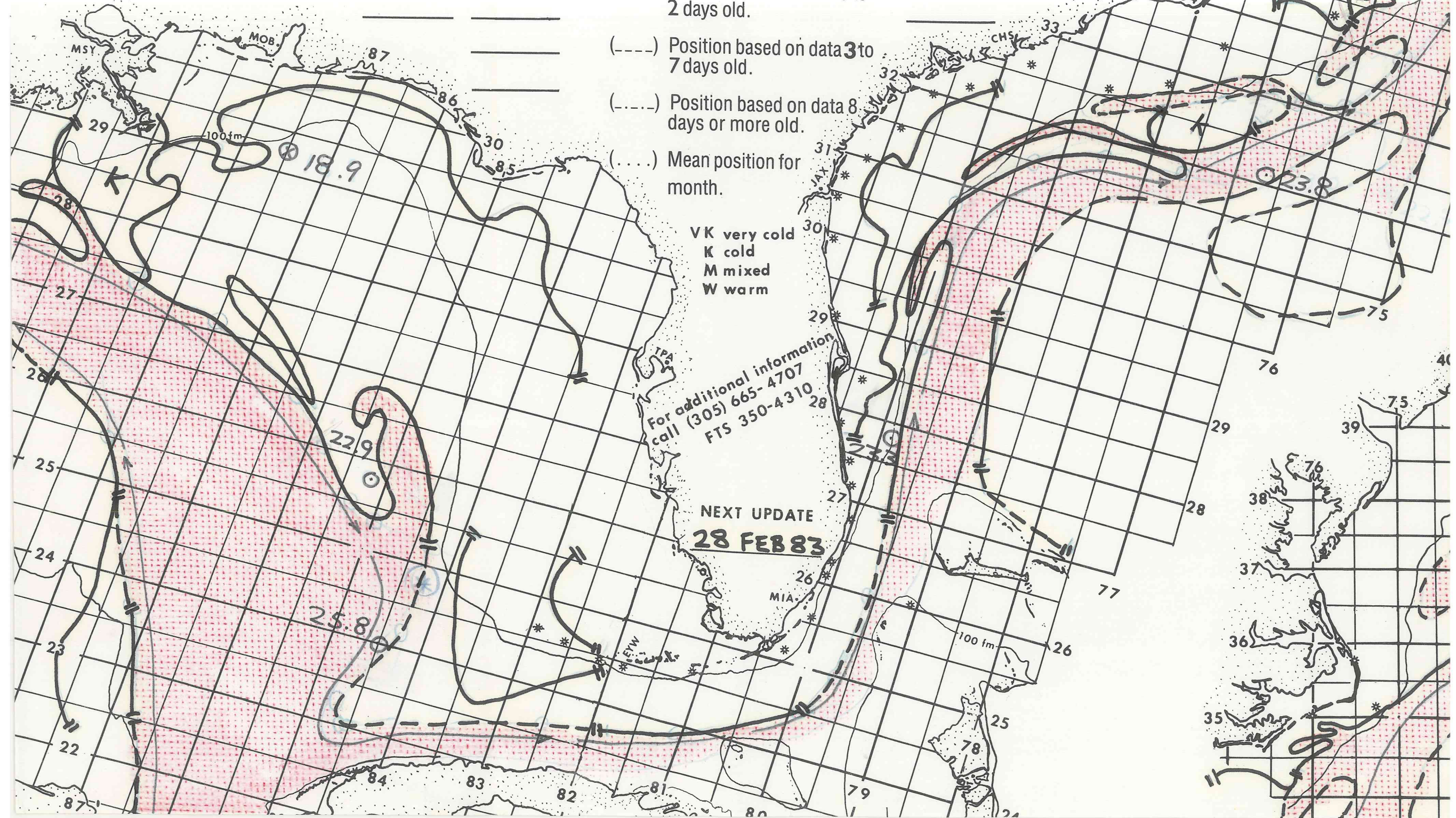
VK very cold  
 K cold  
 M mixed  
 W warm

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

NEXT UPDATE  
**28 FEB 83**

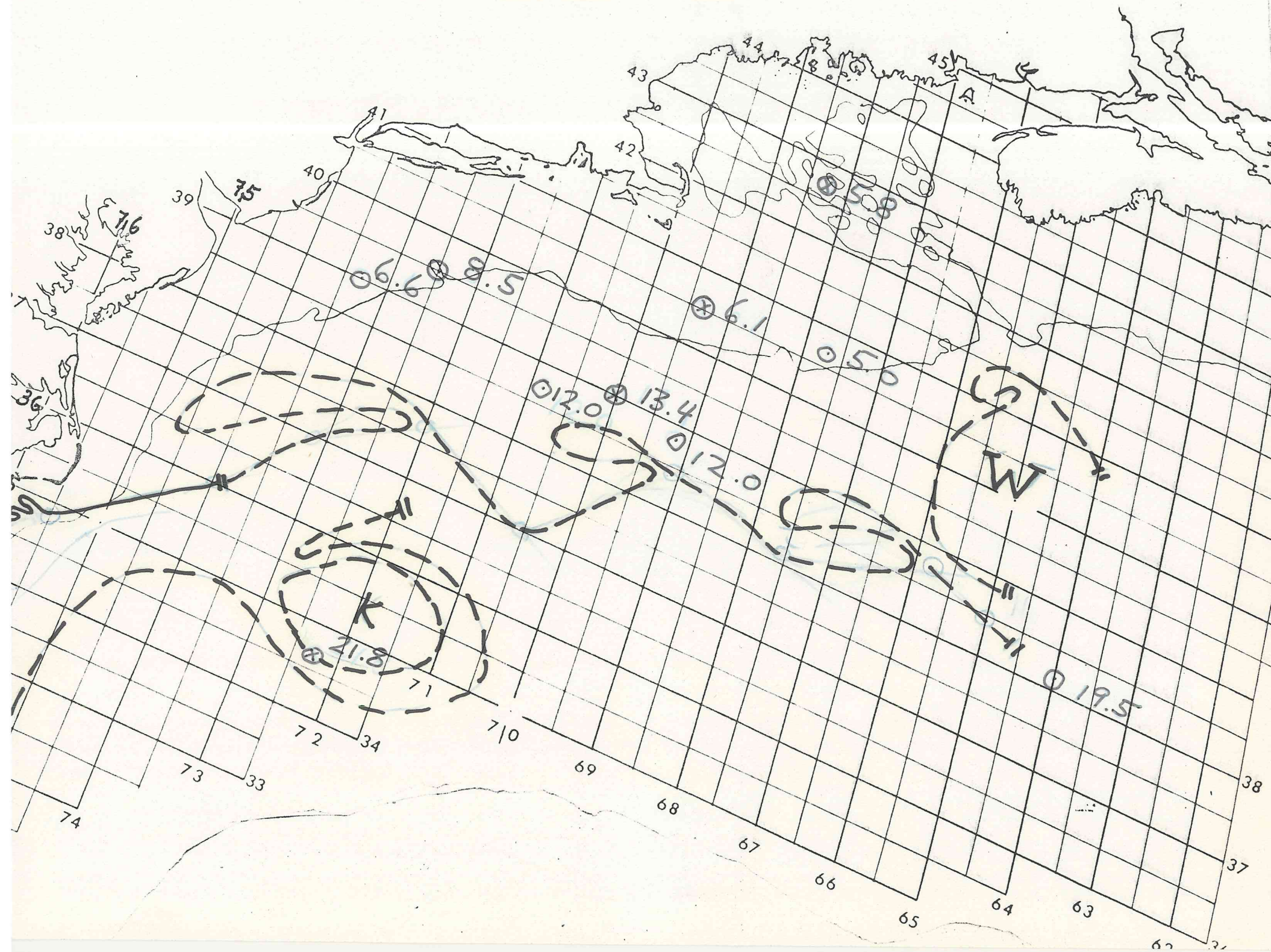
GULF STREAM SYSTEM FLOW CHART # 2450

270797 290799 302799 308800 315794  
 318785 319776 325770 331765 331760  
 340755 349755 360740 377720 36  
 370705 385690 381675 387657  
 385650// g.l.w.





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 25 FEB 19 83 PART B





NNNN↓

VAUV

ZCZC

SXNT 1 KWBC 252205

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

27.0/79.7 29.0/79.9 30.2/79.9 30.8/80.0

31.5/79.4 31.8/78.5 31.9/77.6 32.5/77.0

33.1/76.5 33.1/76.0 34.0/75.5 34.9/75.5

36.0/74.0 37.6/72.0 37.4/70.5 38.4/69.0

38.1/67.5 38.7/65.7 38.5/65.0

THE MAXIMUM GULF STREAM CURRENT LIES 10 15 MILES SEAWARD OF THIS LINE.

WARM EDDIES 40.8/65.0/85 NMI DIAM. 41.7/63.5/30 NMI DIAM.

COLD EDDIES 35.4/71.9/70 NMI DIAM.

LATEST SATELLITE DATAO 2/25/83

GULF STREAM SYSTEM FLOW CHART # 2450

215864 224866 238873 242878 254879  
 260881 264896 267906 271913 277903  
 276886 271870 255852 250839 238834  
 242805 249798 260797// \_\_\_\_\_  
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NOAA Miami SFSS

Date: **28 FEB** 1983

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.

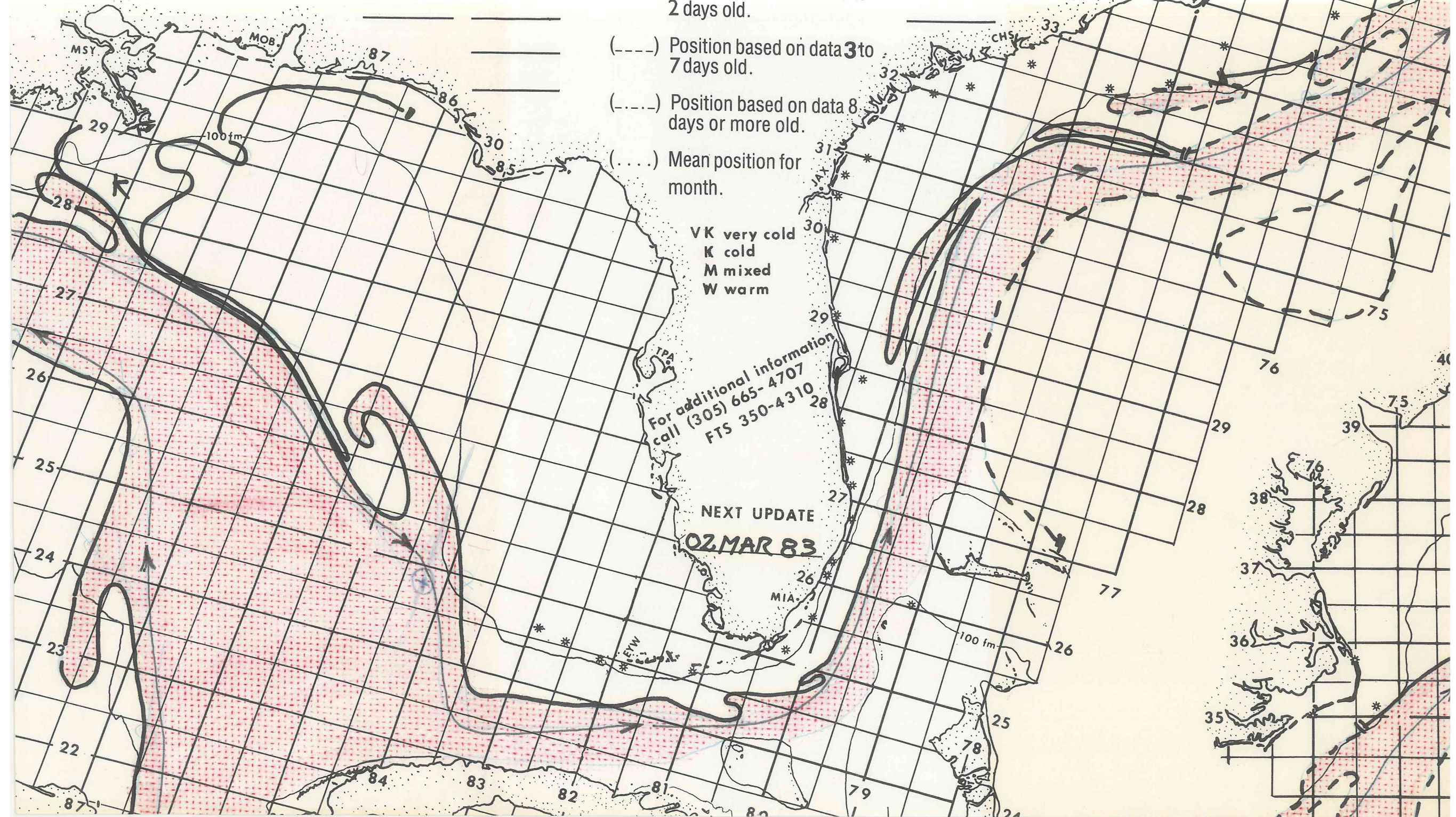
VK very cold  
 K cold  
 M mixed  
 W warm

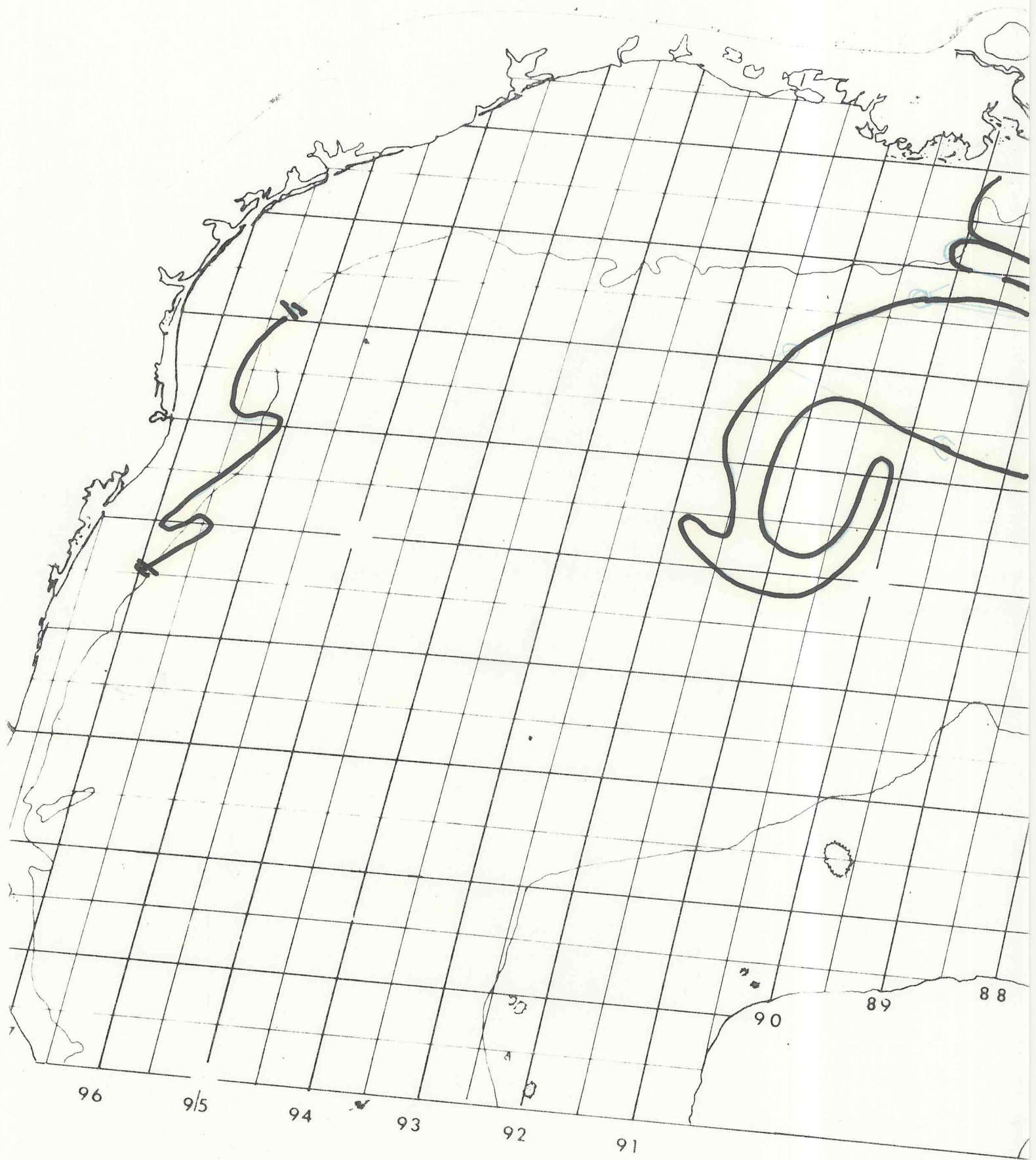
For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT UPDATE  
**OZMAR 83**

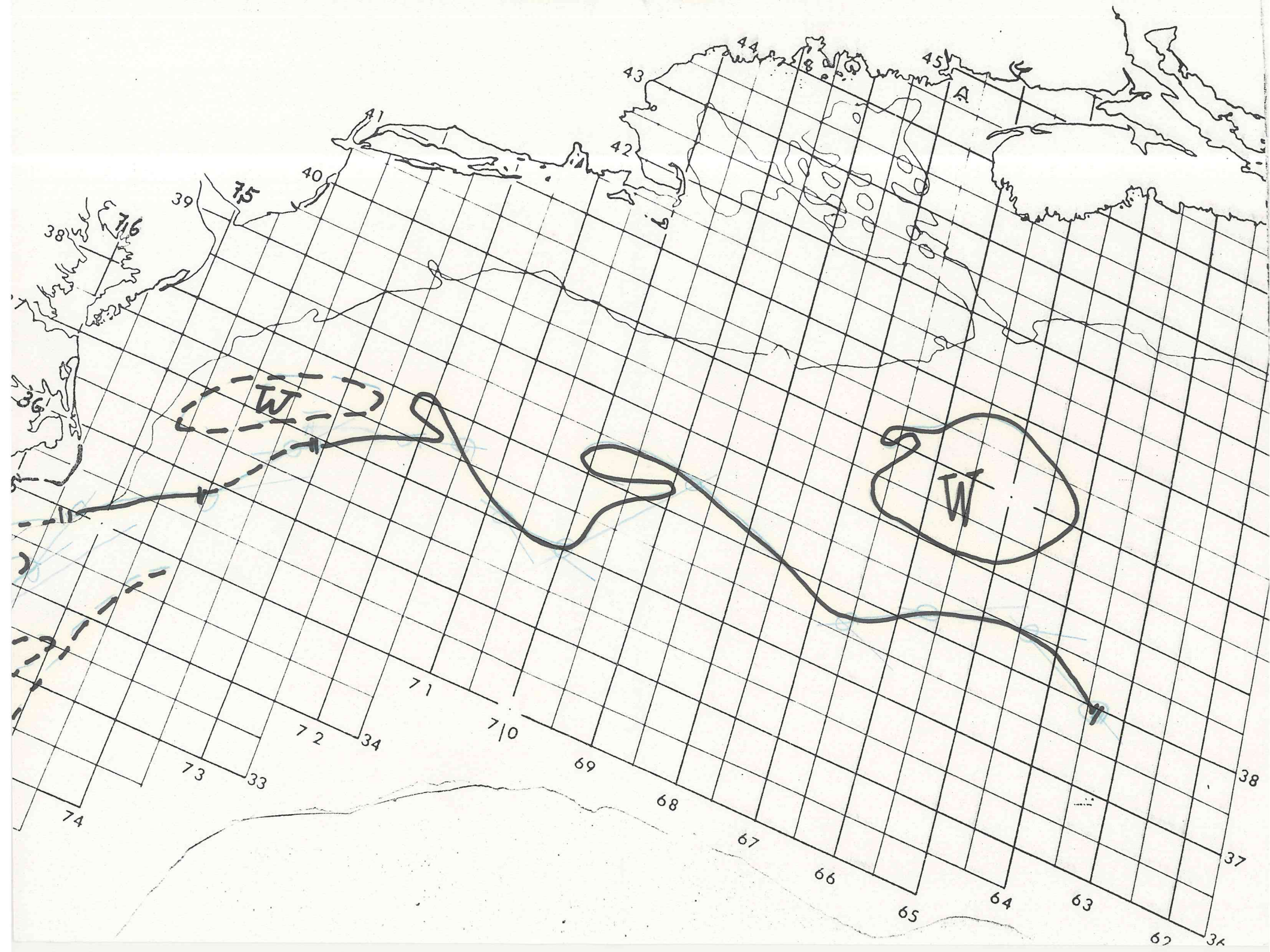
GULF STREAM SYSTEM FLOW CHART # 2450

270797 285799 302799 313797 319791  
 320777 331765 334759 342755 350752  
 359740 368733 375722 376715 36  
 371707 375700 384687 376666  
 387656 385644 380634// **S/P** 35  
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MIAMI SFSS ANALYSIS OF THE GULF STREAM: 28 FEB 1983 PART B



NNNN  
ZCZC MIAGLMMIA  
TBXX40 KMIA 281545  
MIAMI SFSS OCEANOGRAPHIC ANALYSES.28 FEB 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT..  
215864 224866 238873 242878 254879 260881 264896 267906 271913  
277903 276886 271870 255852 250839 238834 242805 249798 260797.

..MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
A76/70/M/23. B93/60/M/23. C84/79/M/23 D102/60/23. E99/58/M/24.  
F82/48/M/24. G65/43/M/24. H34/50/M/24. I45/48/M/24 J36/M/25.  
K27/29/M/25. L25/M/25. M23/33/4/26. N23/27/4/26. O24/20/4/26.  
P32/30/4/26. Q37/13/M/26 R29/46/M/26. S34/47/M/26. T44/46/M/26.  
U52/48/M/26.  
AA65/62/M/23. BB65/52/M/23. CC58/30/M/23. DD55/39/M/23.  
EE63/42/M/23. FF104/4/M/23. GG57/31/M/23. HH35/66/M/23.  
II09/62/M/23. JJ50/59/M/23.

.....DATA STATUS.....  
A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT  
F CURRENT G CURRENT H CURRENT I CURRENT J CURRENT  
K CURRENT L CURRENT M CURRENT N CURRENT O CURRENT  
P CURRENT Q CURRENT R CURRENT S CURRENT T CURRENT  
U CURRENT

AA CURRENT BB CURRENT CC CURRENT DD 25 FEB. EE 23 FEB.  
FF 23 FEB. GG 23 FEB. HH CURRENT II CURRENT JJ CURRENT

.....  
INSIDE FRONT DATA...52 NM SE OF BB...39 NM SE OC CC...74 NM SE OF  
FF...17 NM SE OF GG.

A PATCH OF WARMER WATER EXISTS JUST SEAWARD OF THE 100 FATHOM LINE  
BETWEEN CC AND EE.

RECENT SHIP OBSERVATIONS INDICATE THAT IN THE STRAITS OF FLORIDA  
BETWEEN P AND M...THE COOL INSHORE WATER MASS 15 TO 20 NM WIDE  
SHOREWARD OF THE GULFSTREAM THERMAL EDGE IS MOVING DOWNSTREAM AT  
APPROXIMATELY 2 KNOTS. THIS CONDITION MAY ALSO EXIST IN THE STRAITS  
BETWEEN P AND U AS COOL INSHORE WATER AT THE SURFACE OVERRIDES THE  
GULFSTREAM...MOVING THE VELOCITY EDGE INSHORE OF THE THERMAL EDGE.

BAIG

1983 FEB 28 11:07