

GULF STREAM SYSTEM FLOW CHART # 2450

215861 225863 235870 244882 255881
 262885 267885 272875 270868 265862
 250856 241852 242847 245844 249840
 248834 244833 240827 239820 239810
 243806 252800 260799 //

NOAA Miami SFSS

Date: 01 APR 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.

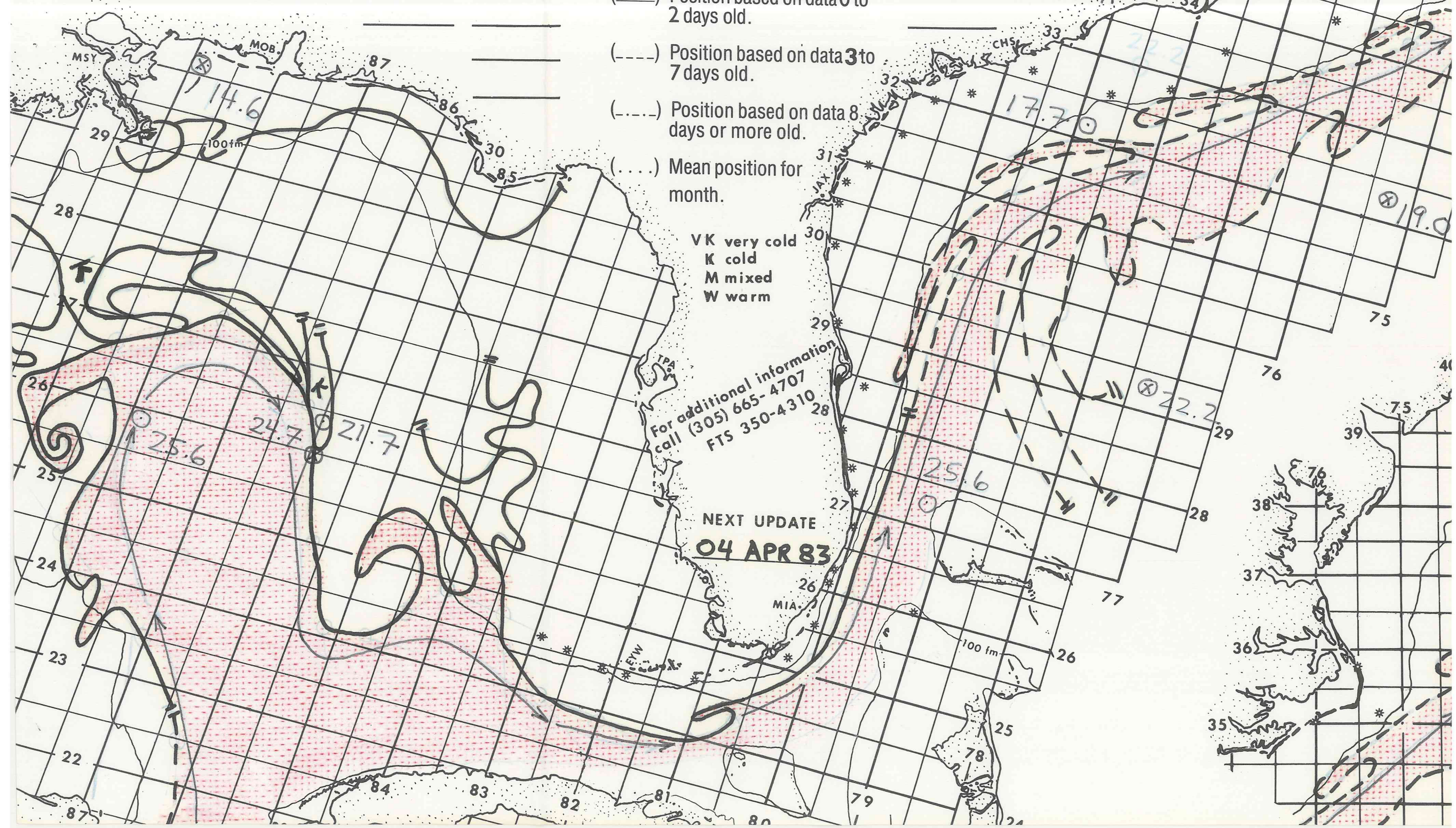
VK very cold
 K cold
 M mixed
 W warm

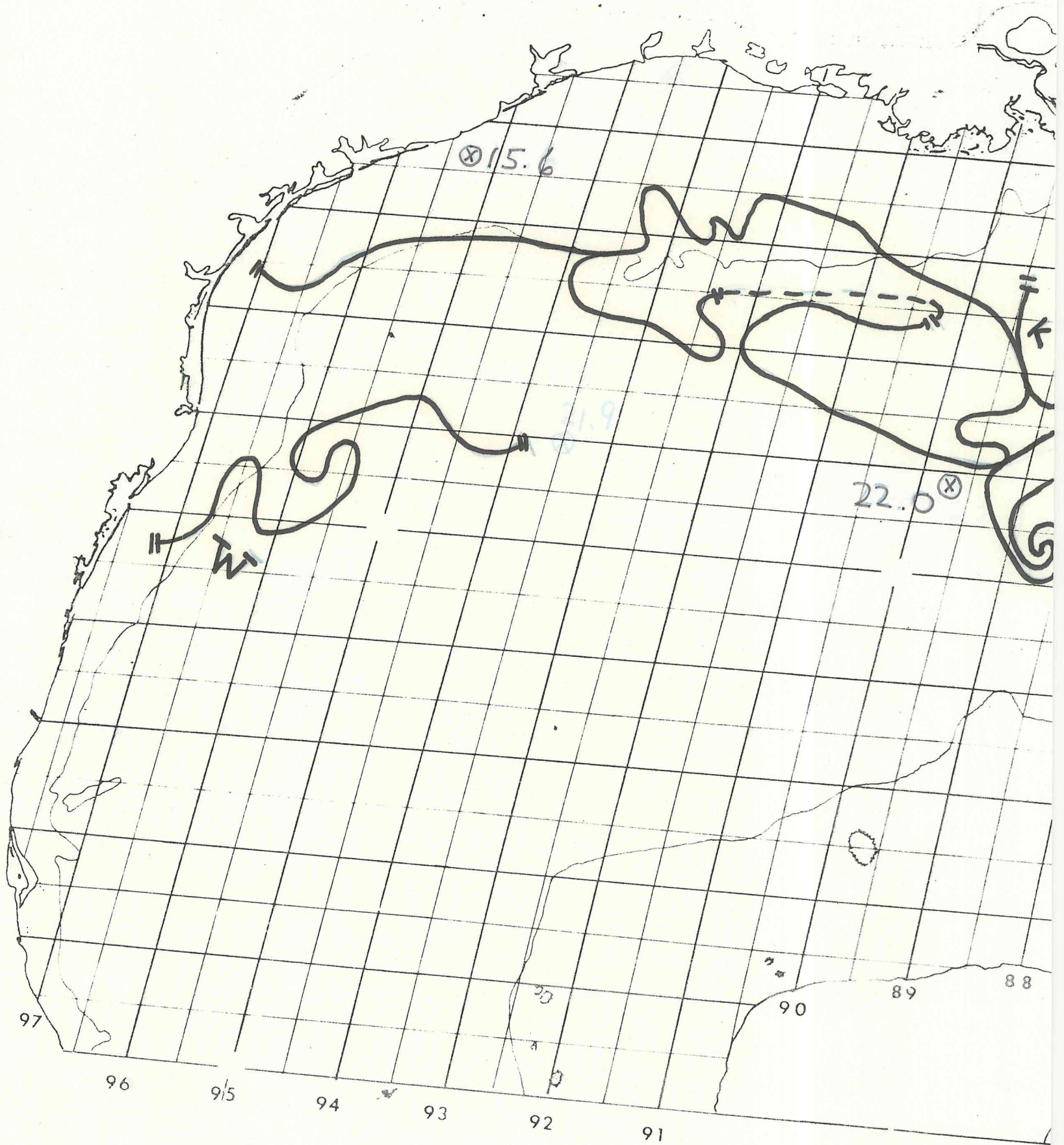
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE
04 APR 83

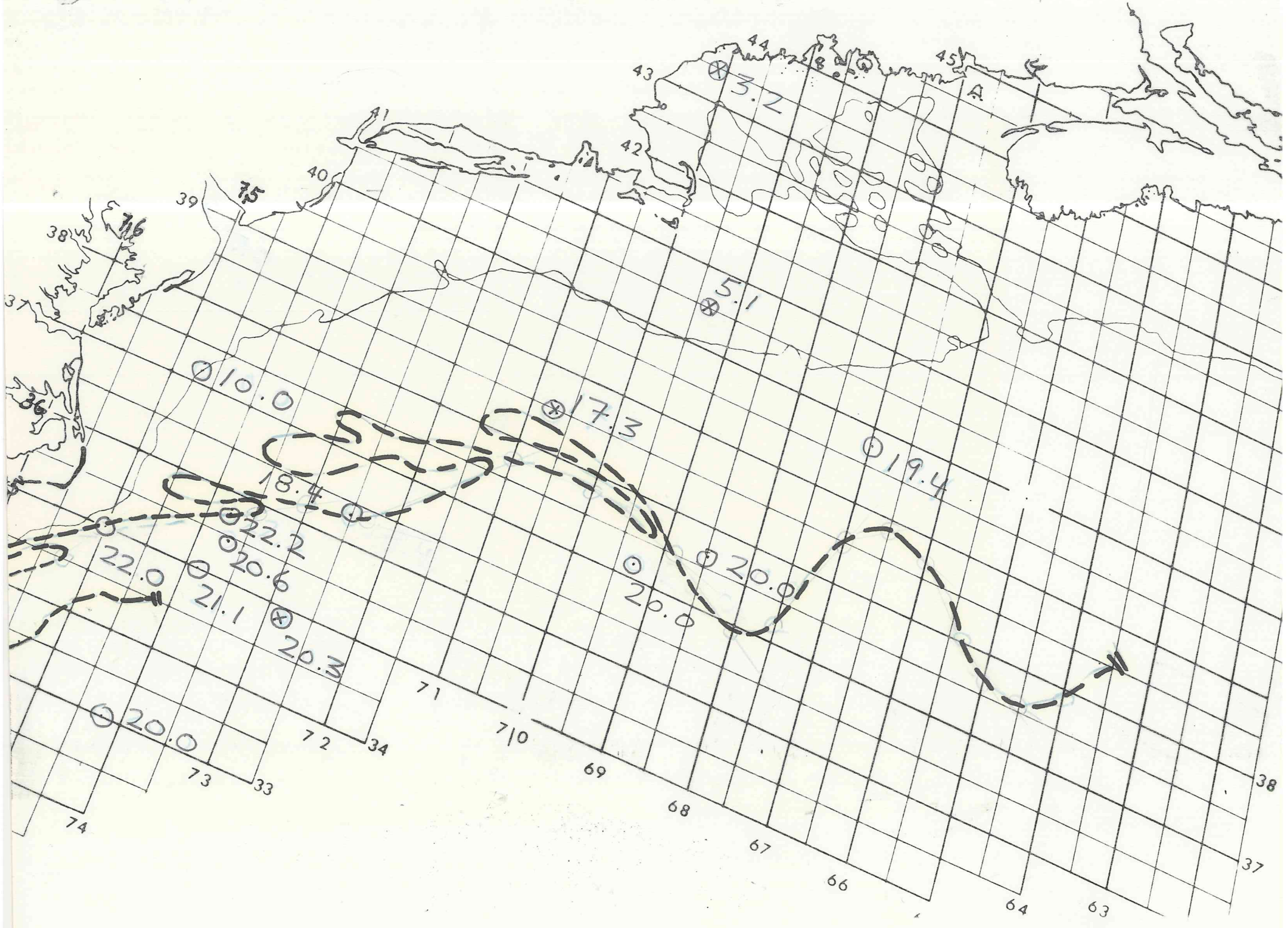
GULF STREAM SYSTEM FLOW CHART # 2450

270798 300798 311795 320783 330769
 335765 343755 350750 359735 362730
 364724 377710 378700 375689 361710
 369680 373675 385670 389665
 387660 380654 376650
 376645 380640 //





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 01 APR 1983 PART B



NNNNJA

ZCZC WBC939

SXNT1 KWBC 012100

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

27.0/79.9	30.0/79.8	31.3/79.5	32.0/78.3
32.6/77.1	33.0/77.0	33.5/76.5	34.3/75.5
35.0/75.0	35.9/73.5	36.3/72.4	37.0/71.5
37.7/71.0	38.0/70.0	37.8/68.8	37.6/68.7
37.8/67.3	38.9/67.0	38.0/65.0	

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

WARM EDDIES 39.4/71.9/55 NMI DIAM.

COLD EDDIES 35.7/66.7/60 NMI DIAM 29.7/78.0/70 NMI DIAM

LATEST SATELLITE DATA 4/1/83 JWC

ZCZC MIAGLMMIA
TBXX40 KMIA 301900
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...01 APR 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
215861 225863 235870 244882 255881 262885 267885 272875 270863
265862 250856 241852 242847 245844 249840 248834 244833 240827
239820 239810 243806 252800 260799.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A89/40/M/23. B103/45/M/23. C100/72/M/23. D99/48/M/23. E91/50/M/24.
F89/35/M/24. G68/45/M/24. H37/49/M/24. I41/50/M/25. J27/49/M/25.
K27/37/M/25. L12/45/M/25. M15/47/M/26. N15/37/M/26. O15/29/M/26.
P14/40/M/26. Q40/12/M/26. R36/31/M/26. S36/35/M/26. T38/46/M/26.
U31/62/M/26.
AA84/33/M/23. BB87/45/M/23. CC40/85/M/23. DD38/75/M/23.
EE53/40/M/23. FF79/60/M/23. GG300/M/23. HH41/43/M/23.
II17/65/M/23. JJ64/M/M/23.

.....DATA STATUS.....
A 30 MAR. B 30 MAR. C 30 MAR. D 30 MAR. E 30 MAR.
F 30 MAR. G 30 MAR. H 30 MAR. 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 30 MAR. BB 30 MAR. CC 30 MAR. DD 30 MAR. EE 30 MAR.
FF 30 MAR. GG 30 MAR. HH 30 MAR. II 30 MAR. JJ 30 MAR.

.....INSIDE FRONT DATA...69 NM E OF F...51 NM E OF G...23 NM SE OF O...
57 NM SE OF AA...61 NM SE OF BB...07 NM SE OF DD...30 NM SE OF EE.

WHITE

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 04 APR 1983

218868 235870 238876 246880 248886
256885 264880 274870 272865 265860
252856 245850 242843 244833 241823
240815 244808 252799 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.

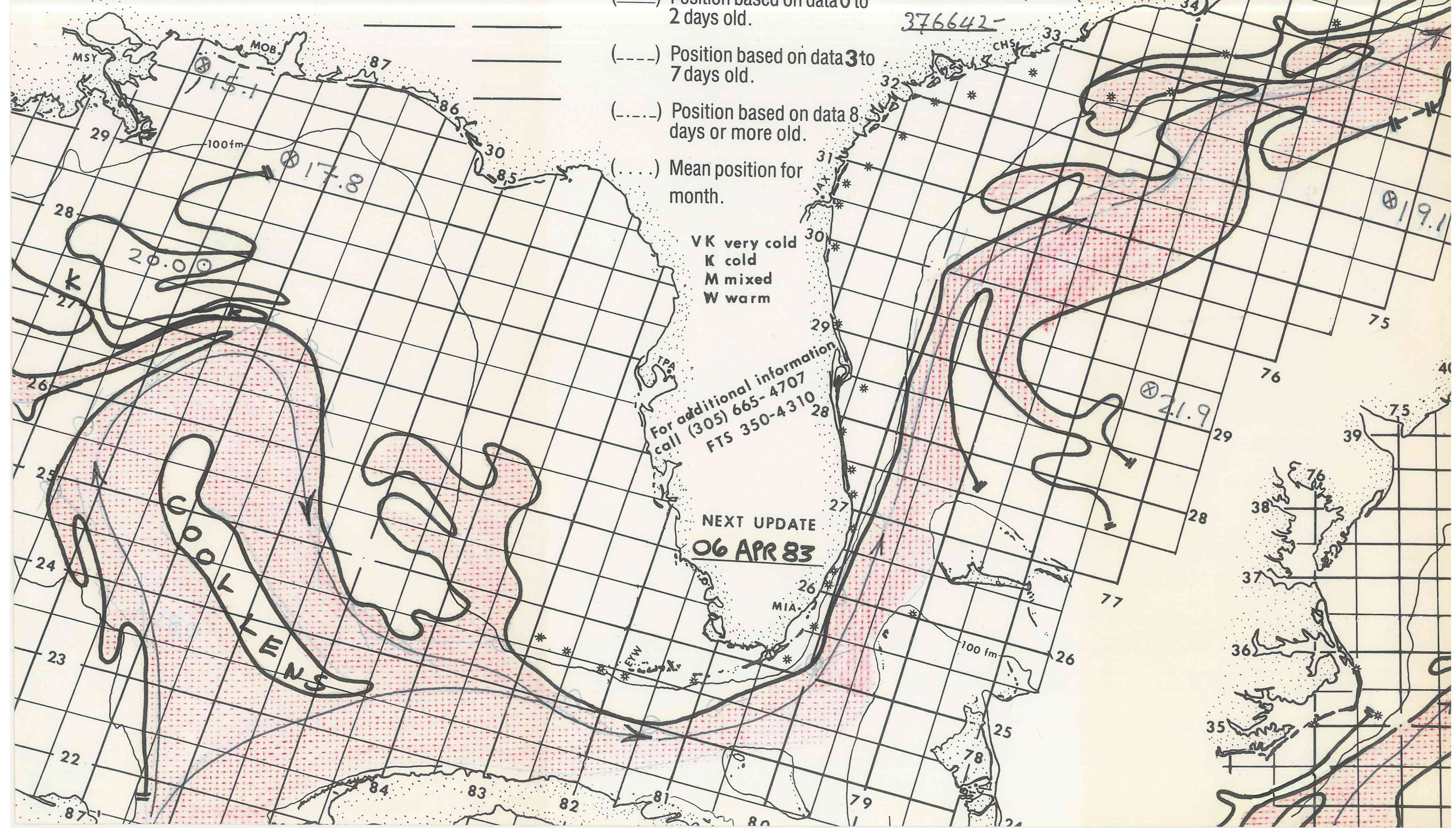
270799 278798 285799 301799 317782
319777 321777 324780 329774 330771
337762 347753 360737 365725 367718 377708 380698 372680
372675 380675 388688
390662 376647
376642 - _____

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

VK very cold
 K cold
 M mixed
 W warm

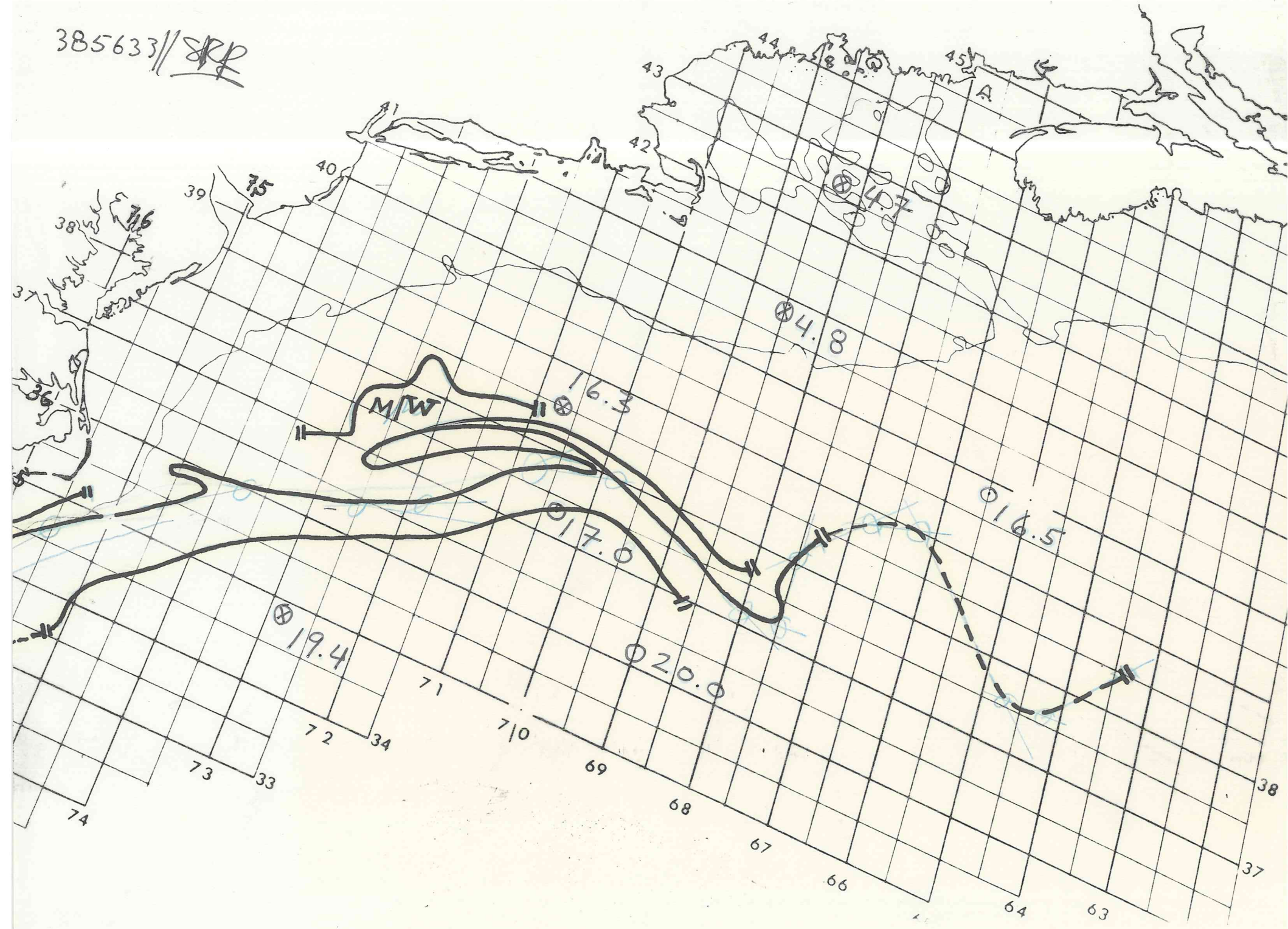
For additional information
 call (305) 665-4707
 FTS 350-4310

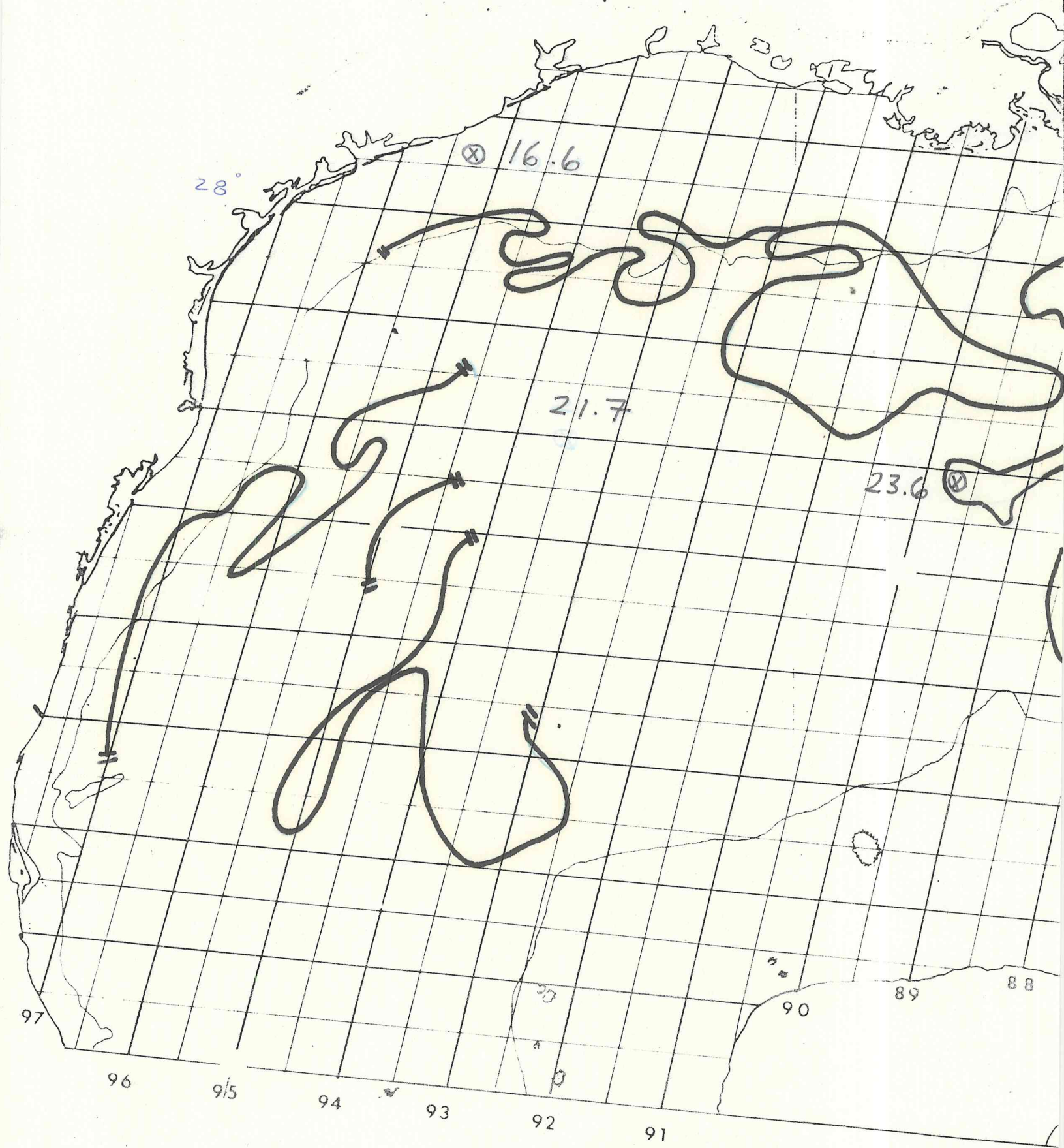
NEXT UPDATE
06 APR 83



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 04 APR 1983 PART B

385633/SRP





H
ZCZC MIAGLMMIA
TBXX47 KMIA 041730
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...04 APR 1983

1983 APR 4 12:33

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
218868 235870 238876 246880 248886 256885 264880 274870 272865
265860 252856 245850 242843 244833 241823 240815 244808 252799
260800.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A114/73/M/23. B102/30/M/23. C140/115/M/23. D131/120/M/23. E115/115/M/24.
F78/28/M/24. G62/21/M/24. H30/35/M/24. I42/48/M/25. J26/41/M/25.
K18/38/M/25. L08/45/M/25. M10/48/M/26. N09/42/M/26. O09/34/M/26.
P11/50/M/26. Q23/26/M/26. R294/M/26. S27/50/M/26. T27/63/M/26.
U22/76/M/26.
AA108/75/M/23. BB80/102/M/23. CC73/66/M/23. DD19/85/M/23.
EE36/20/M/23. FF79/50/M/23. GG34/54/M/23. HH44/44/M/23.
II20/47/M/23. JJ67/46/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...90 NM E OF C...67 NM SE OF AA...
102 NM SE OF BB...15 NM NW..REPEAT..NW OF CC..22 NM NW..REPEATNW
OF DD...21 NM SE OF EE...49 NM SE OF FF...13 NM SE OF GG.

WHITE/BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

216864 222865 233868 238873 243880
 251885 260882 268877 272875 275864
 271860 263860 253857 248852 243845
 243836 245830 240816 241810 245805
 248802 253800 260800

Date: 06 APR 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.

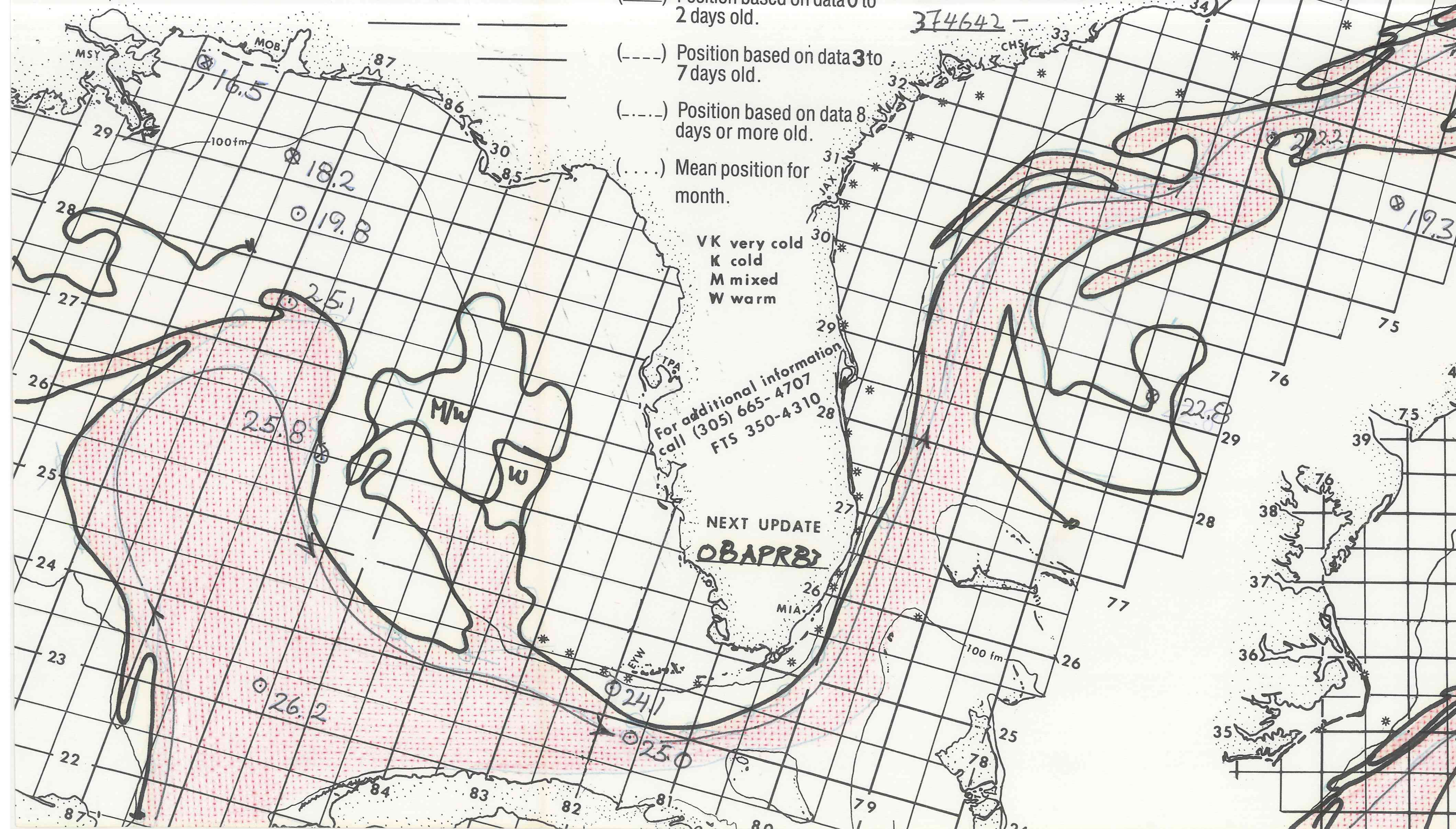
270799 280798 295800 300800 311795
 314789 315784 319776 328774 333763
 344756 348749 355744 356737 36
 359734 363722 376700 378688
 375680 370674 375669
 387665 386657
 374642

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

VK very cold
 K cold
 M mixed
 W warm

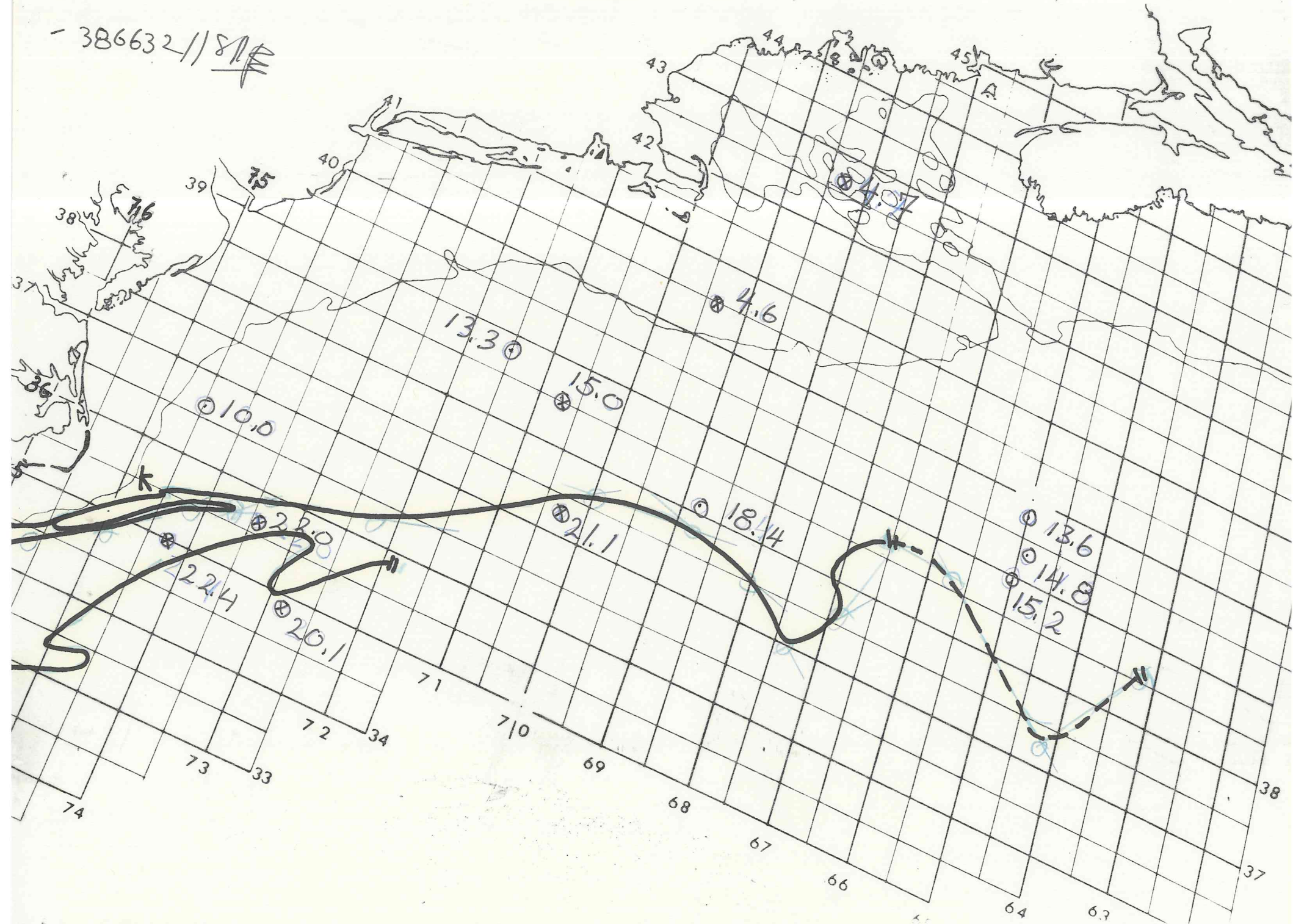
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE
06 APR 83



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 06 APR 1983 PART B

- 386632/1181/F





NNNNJJ

ZCZC MIAGLMMIA

TBXX40 KMIA 061530

MIAMI SFSS OCEANOGRAPHIC ANALYSIS...06 APR 1983

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

216864 222865 233868 238873 243880 251885 260882 268877 272875
275864 271860 263860 253857 248852 243845 243836 245837 240831 240816
241810 245805 248802 253800 260800. AM 10:45

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

A93/57/M/23. B92/56/M/23. C104/78/M/23. D108/65/M/23. E98/69/M/24.
F75/49/M/24. G58/47/M/24. H35/44/M/24. I44/47/M/25. J28/42/M/25.
K22/34/M/25. L11/45/M/25. M11/44/M/26. N10/40/M/26. O07/34/M/26.
P10/44/M/26. Q30/19/M/26. R24/47/M/26. S19/55/M/26. T13/48/M/26.
U11/89/M/26.
AA83/58/M/23. BB102/32/M/23. CC74/26/M/23. DD22/68/M/23.
EE44/24/M/23. FF92/52/M/23. GG39/76/M/23. HH57/45/M/23.
II71/33/M/23. JJ77/35/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...59 NM SE OF A...71 NM SE OF B...86 NM E OF C...
86 NM E OF D...58 NM SE OF AA...73 NM SE OF BB...28 NM SE OF CC...
68 NM SE OF FF...26 NM SE OF GG...42 NM SE OF HH...13 NM SE OF II...
60 NM SE OF JJ.

WHITE/BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

215864 235870 240875 245881 252881
 256882 268876 273873 274866 270857
 255859 251857 245849 243845 243837
 244830 241818 241811 245805 250801
 260799 //

NOAA Miami SFSS

Date: **08 APR** 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.

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

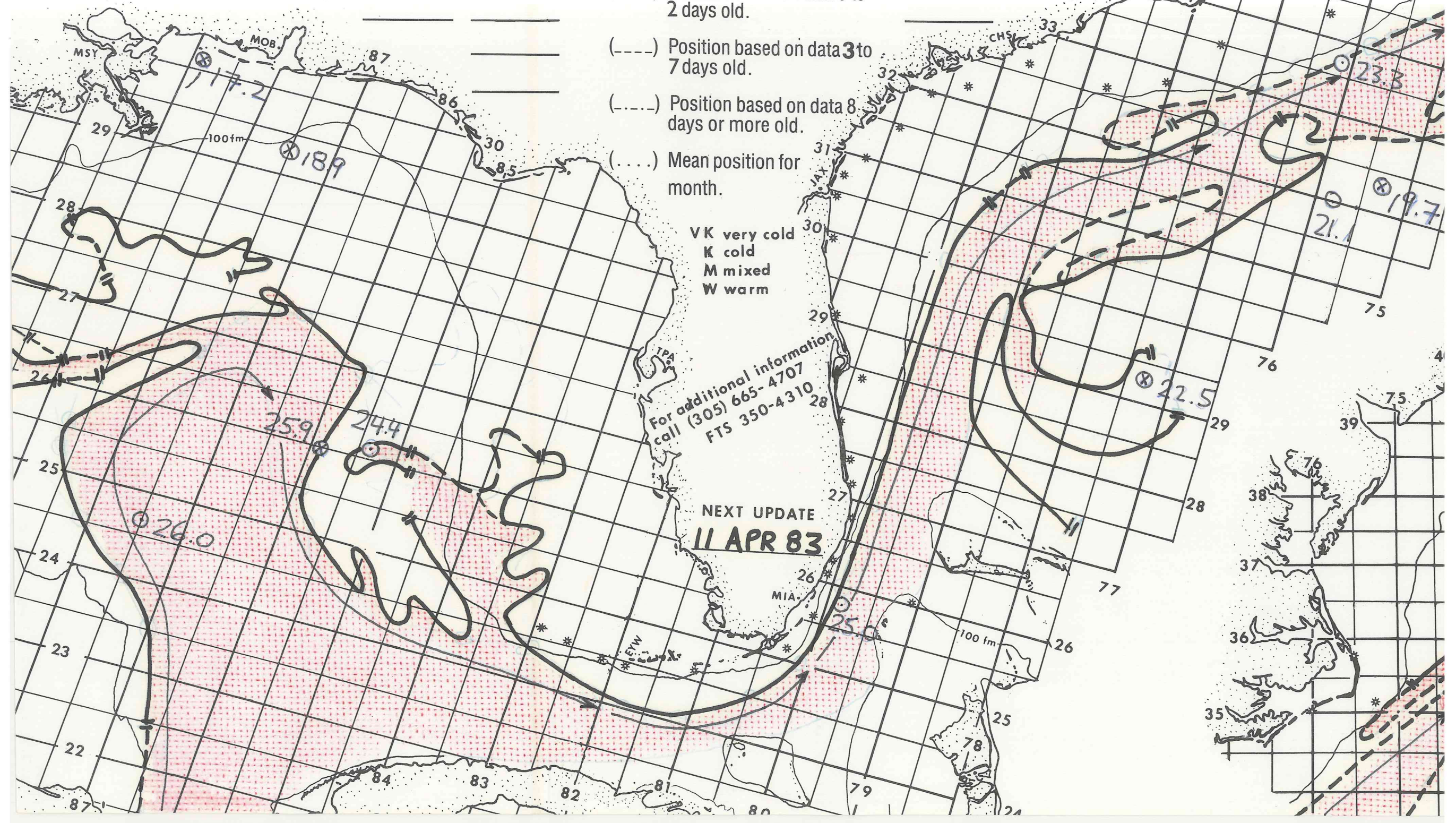
VK very cold
 K cold
 M mixed
 W warm

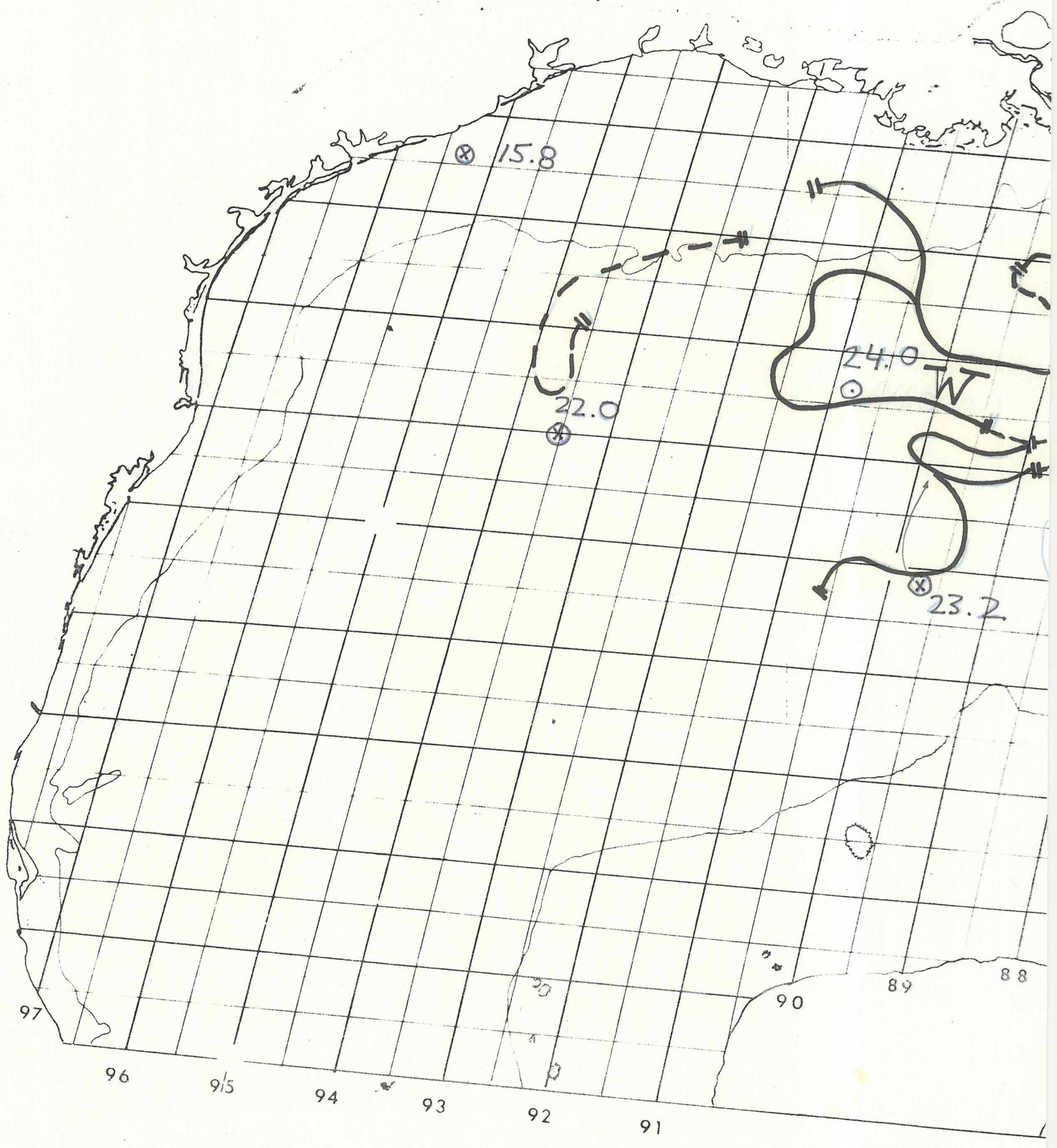
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE
11 APR 83

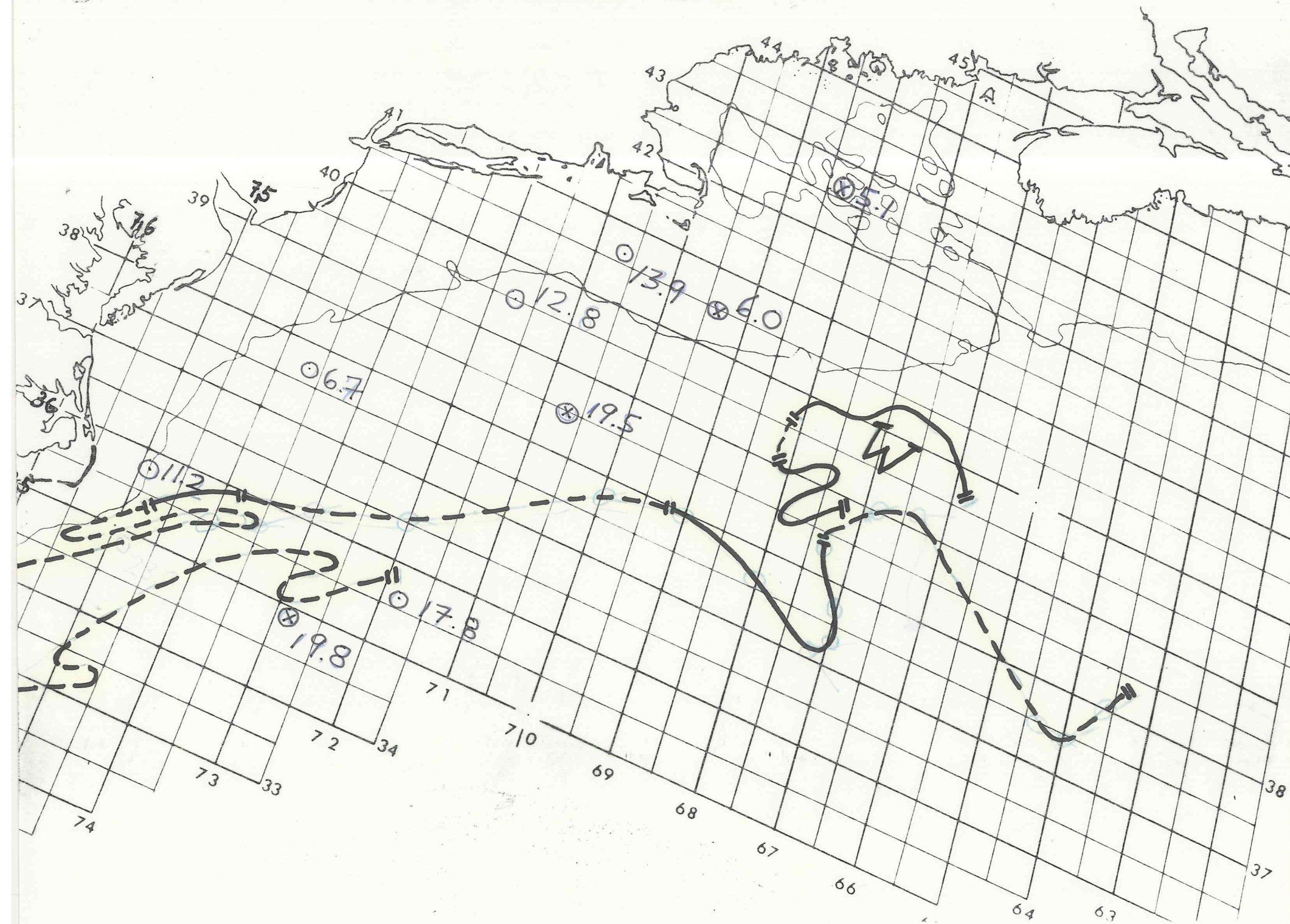
GULF STREAM SYSTEM FLOW CHART # 2450

270799 300799 308797 315792 319780
 325774 330770 340759 355740 357735
 365720 377700 380690 376680 366670
 371672 373670 376670 383673
 390669 391664 375644
 374640 380635 //





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 08 APR 1983 PART B



NNNN

1983 APR -8 PM 1:08

ZCZC MIAGLMMIA

TBXX40 KMIA 081745

MIAMI SFSO OCEANOGRAPHIC ANALYSIS...08 APR 1983

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

215864 235870 240875 245881 252881 256882 268876 273873 274866
270857 255859 251857 245849 243845 243837 244830 241818 241811
245805 250801 260799.

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

A93/62/M/23. B94/57/M/23. C105/76/M/23. D100/71/M/23. E101/66/M/24.
F83/57/M/24. G64/40/M/24. H32/48/M/24. I33/52/M/25. J25/49/M/25.
K18/39/M/25. L10/46/M/25. M14/52/M/26. N13/39/M/26. O09/34/M/26.
P14/41/M/26. Q30/21/M/26. R25/46/M/26. S23/53/M/26. T20/70/M/26.
U13/80/M/26.
AA79/59/M/23. RR83/49/M/23. CC61/36/M/23. DD18/48/M/23.
EE42/29/M/23. FF85/58/M/23. GG35/79/M/23. HH55/48/M/23.
II34/42/M/23. JJ75/40/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 RR CURRENT CC CURRENT DD CURRENT EE 06 APR.
FF 06 APR. GG 06 APR. HH 06 APR. II 06 APR. JJ 06 APR.

.....INSIDE FRONT DATA...26 NM SE OF CC...10 NM SE OF II...51 NM SE OF JJ.

WHITE/BAIG

NNNN↓

Z

CZC

SXNT1 KWBC 081945

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

27.0/79.9 30.0/79.9 30.8/79.7 31.5/79.2

31.9/78.0 32.5/77.4 33.0/77.0 34.0/75.9

35.5/74.0 36.2/73.8 36.8/72.0 37.4/71.0

38.0/70.0 38.0/69.0 37.2/67.5 37.3/67.0

37.6/67.0 38.9/66.9 38.9/66.0 38.2/65.0

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

WARM EDDIES 39.3/71.5/55 NMI. DIAM@ 39.6/66.6/80 NMI. DIAM@

40.6/65.4/60 NMI DIAM

COLD EDDIES 35.6/67.1/55 NMI DIAM@ 28.6/77.6/40 NMI DIAM@

29.5/77.9/50 NMI DIAM

LATEST SATELLITE DATA 4/8/83

NNNN↓

GULF STREAM SYSTEM FLOW CHART # 2450

217865 230867 240873 245878 248883
 263885 270871 271865 269857 265855
 260857 252861 250860 247855 246847
 245840 243835 241828 242821 241815
 242810 248802 251801 260800//

NOAA Miami SFSS

Date: **11 APR** 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.

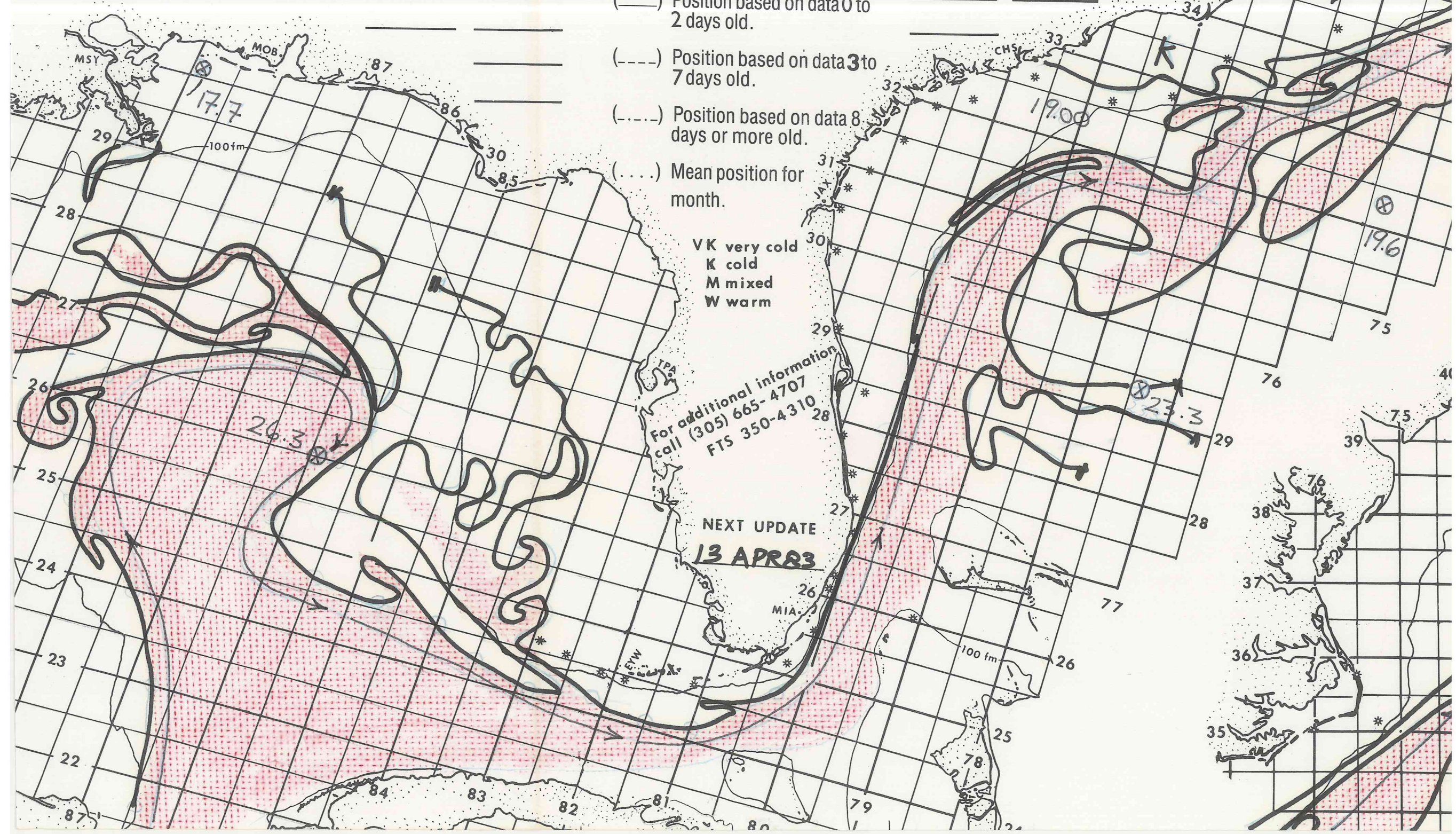
VK very cold
 K cold
 M mixed
 W warm

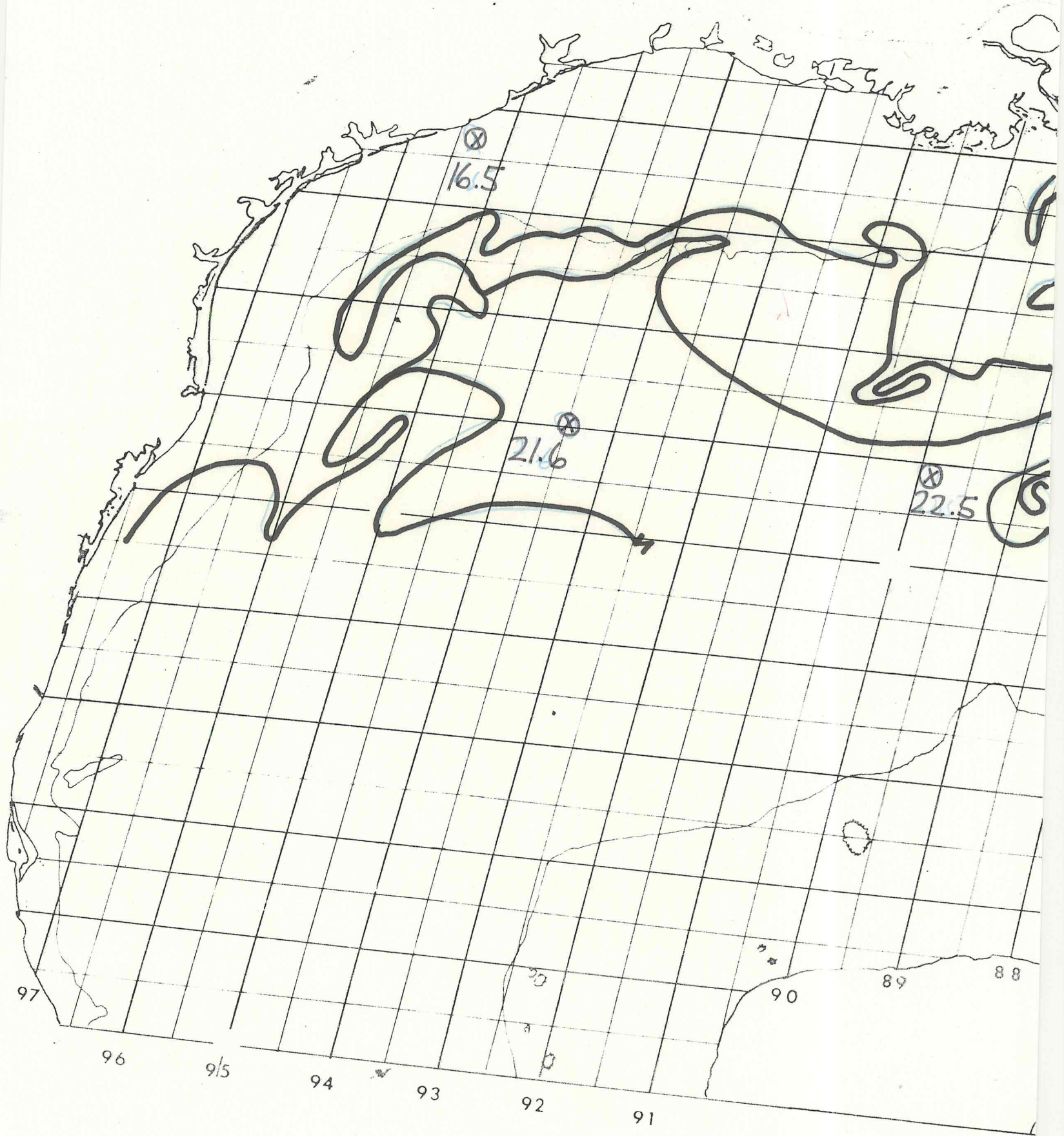
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE
13 APR 83

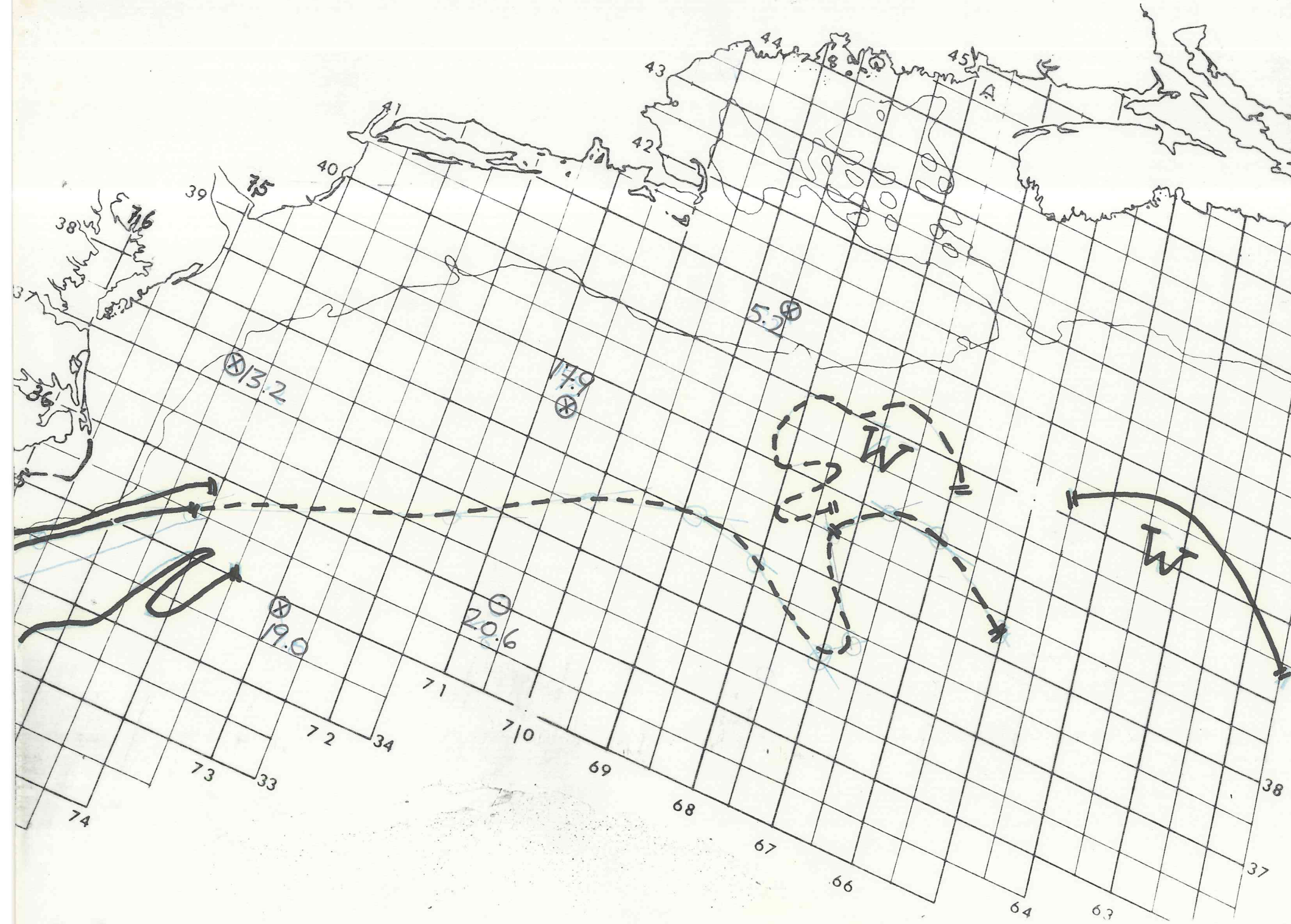
GULF STREAM SYSTEM FLOW CHART # 2450

270800 280799 303801 313795 320788
 310775 320772 332765 339759 345756
 355742 368715 376701 380689 368680
 378680 372670 374667 385672
 390666 390660 383650// *SVP*





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



GULF STREAM SYSTEM FLOW CHART # 2450

215864 223867 232872 244876 249882
 255884 267882 270878 270868 272864
 271860 265854 259854 255860 248862
 245856 245845 246840 242830 241825
 243815 244807 247803 253800 260799//

NOAA Miami SFSS

Date: **13 APR** 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.

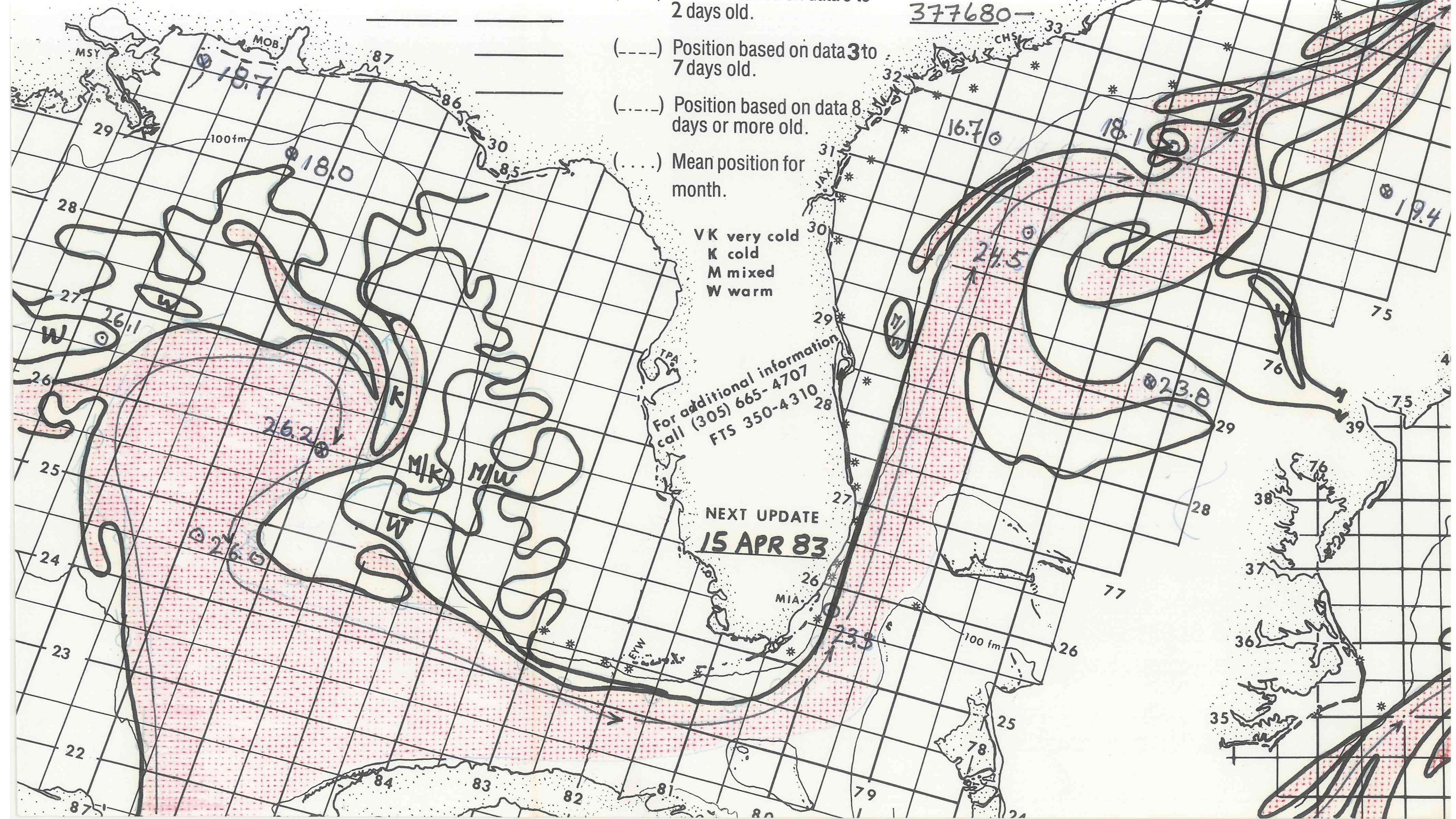
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
15 APR 83

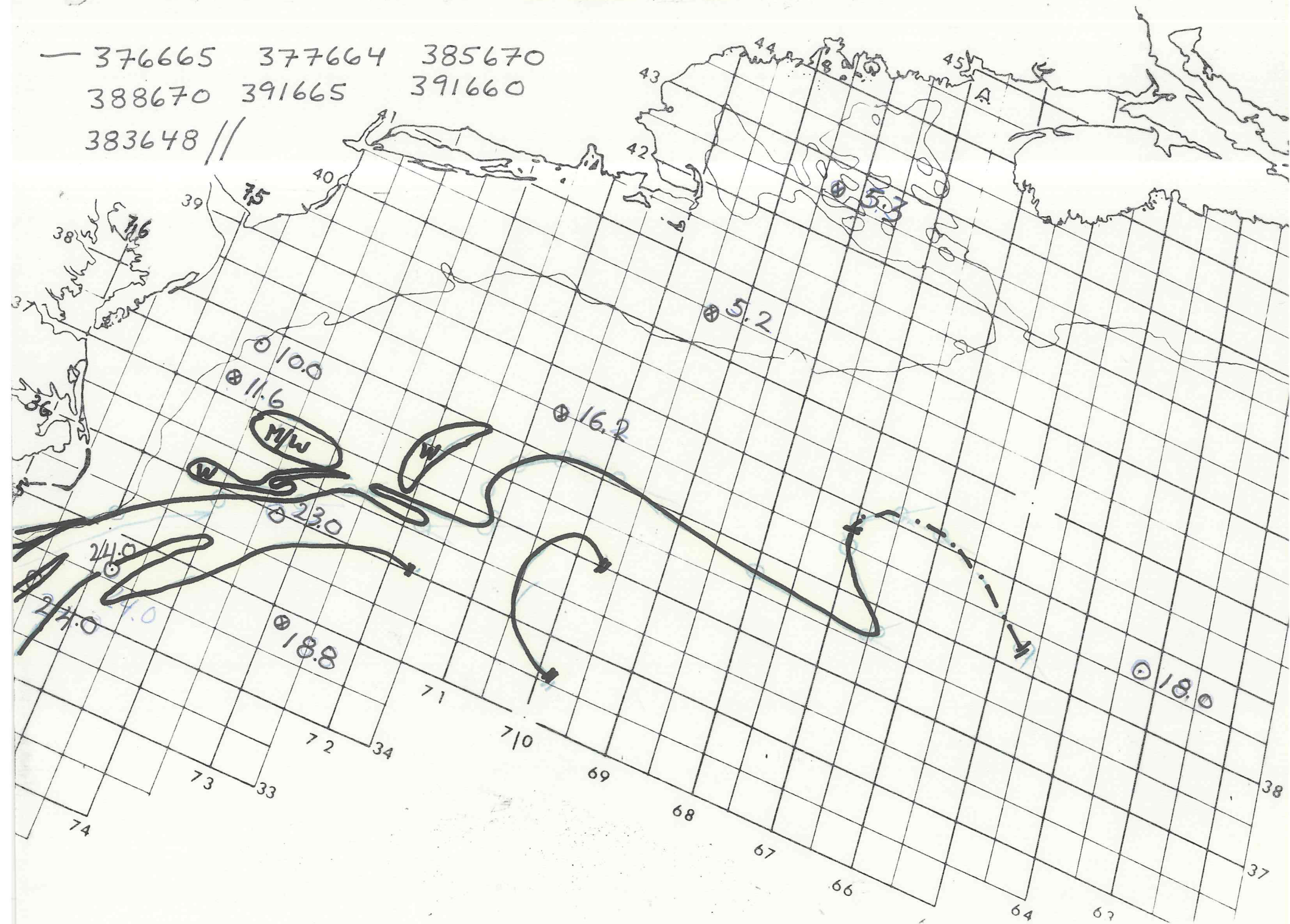
GULF STREAM SYSTEM FLOW CHART # 2450

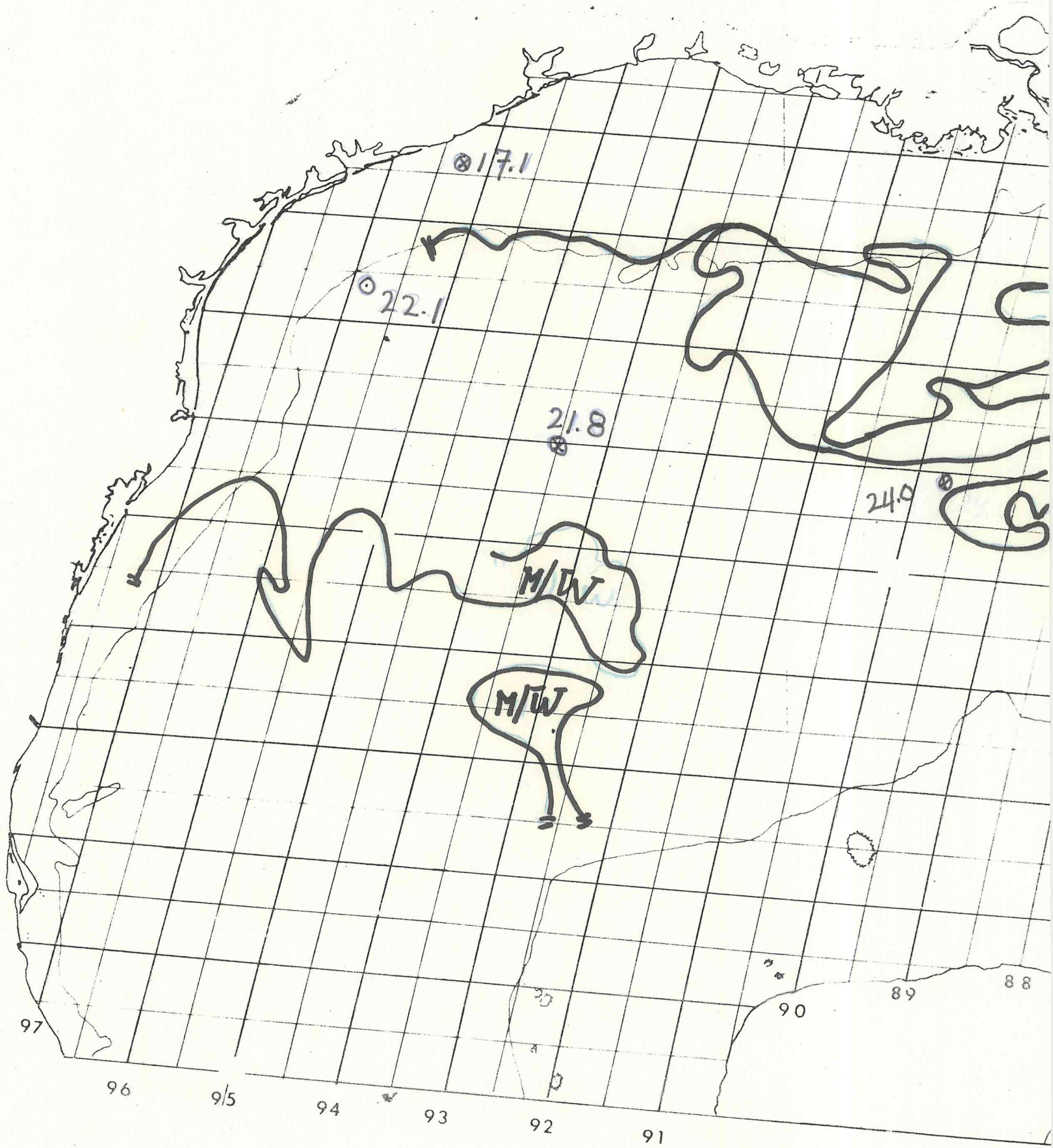
270800 300800 310796 317790 319785
 317780 320777 325775 326772 332770
 340760 347775 352750 359740 36
 363731 366727 366718 369711
 370711 373713 377710
 380705 381699
 377680—



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 13 APR 1983 PART B

— 376665 377664 385670
388670 391665 391660
383648 //





NNNN

ZCZC MIAGLMMIA

TRXX40 KMIA 131745

MIAMI SFSS OCEANOGRAPHIC ANALYSIS...13 APR 1983

1983 APR 13 PM 1:18

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

215864 223867 232872 244876 249882 255884 267882 270878 277868
272864 271860 265854 259854 255860 248862 245856 245845 246840
242830 241825 243815 244807 247803 253800 260799.

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

A97/55/M/24. B89/98/M/24. C101/56/M/24. D135/56/M/24. E96/57/M/24.
F76/62/M/25. G56/38/M/25. H25/49/M/25. I32/60/M/25. J18/54/M/25.
K11/45/M/26. L04/51/M/26. M08/50/M/26. N08/41/M/26. O0934/M/26.
P13/48/M/26. Q25/26/M/26. R15/52/M/26. S20/53/M/26. T29/58/M/26.
U26/65/M/26.
AA76/45/M/24. BB74/40/M/24. CC75/21/M/24. DD34/87/M/24.
EE31/30/M/24. FF76/24/M/24. GG33/19/M/24. HH33/39/M/24.
II09/36/M/24. JJ56/30/M/24.

.....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...79 NM SE OF A. 71 NM SE OF B...85 NM E OF C...
85 NM E OF D...76 NM E OF E...54 NM E OF F...69 NM SE OF AA...56 NM
SE OF BB...08 NM SE OF DD...57 NM SE OF FF...05 NM SE OF GG.
A MEANDER IN THE SHOREWARD EDGE OF THE GULFSTREAM OBSERVED BETWEEN
BB AND EE IS MOVING RAPIDLY DOWNSTREAM. CONSEQUENTLY THE DISTANCES
NOTED ABOVE WILL BE CHANGING RAPIDLY.

WHITE/BAIG

NNNN↓A

ZCZC WBC034

SXNT1 KWBC 132125

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

27.0/80.0 30.0/80.0 31.0/79.6 31.7/79.0

31.9/78.5 31.7/78.0 32.0/77.7 32.5/77.5

32.6/77.2 33.2/77.0 34.0/76.0 35.2/75.0

35.9/74.0 36.3/73.1 36.6/72.2 37.0/71.3

37.9/70.9 38.1/70.0 38.0/69.0 37.6/67.0

37.7/66.6 38.0/66.4 39.4/67.0 39.6/66.0

38.4/65.0

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

WARM EDDIES 39.8/67.1/50 NMI. DIAM. 41.4/65.4/45 NMI. DIAM. 41.2/
62.0/35 NMI. DIAM.

COLD EDDIES 29.5/78.0/75 MI. DIAM. 31.0/78.0/45 NMI. DIAM. 36.3/
70.2/50 NMI. DIAM. 35.6/66.6/65 NMI. DIAM. 37.3/63.8/40
NMI. DIAM.

LATEST SATELLITE DATA 4/13/83

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **15 APR** 19**83**

215864 225867 230870 235873 240872
 244873 248880 257884 263882 270876
 271865 270860 267855 260852 255855
 251860 249864 246860 245855 246850
 249843 247836 243830 242825 243810
 245806 250802 253800 260800 //

Depicted land should not be used for navigation.

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

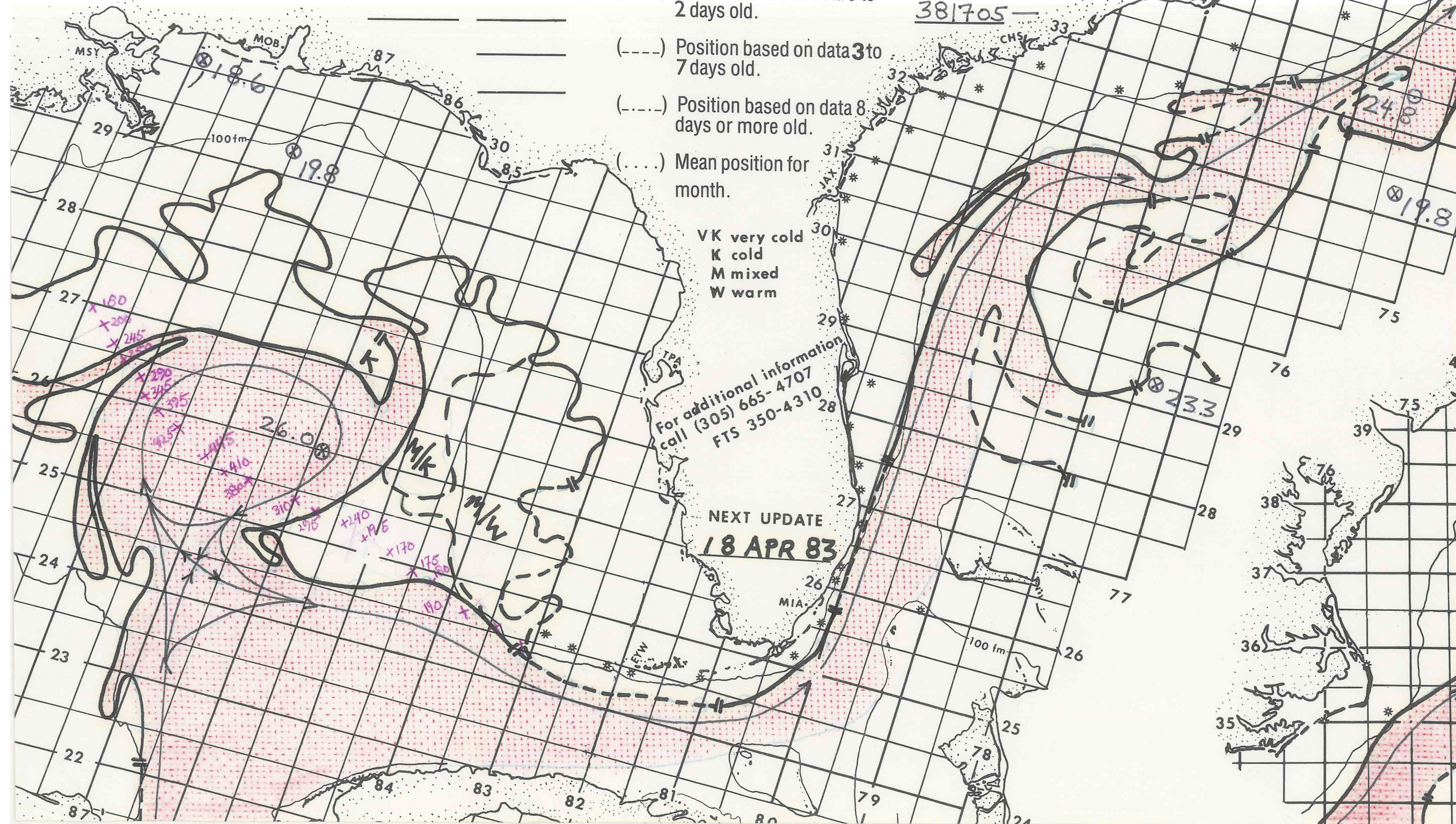
270800 280799 295800 302799 316793
 318787 318783 317780 318777 324775
 328771 334765 338760 345755 361755
 350753 356745 361735 365728
 367715 369708 370708
 372712 378710
 381705

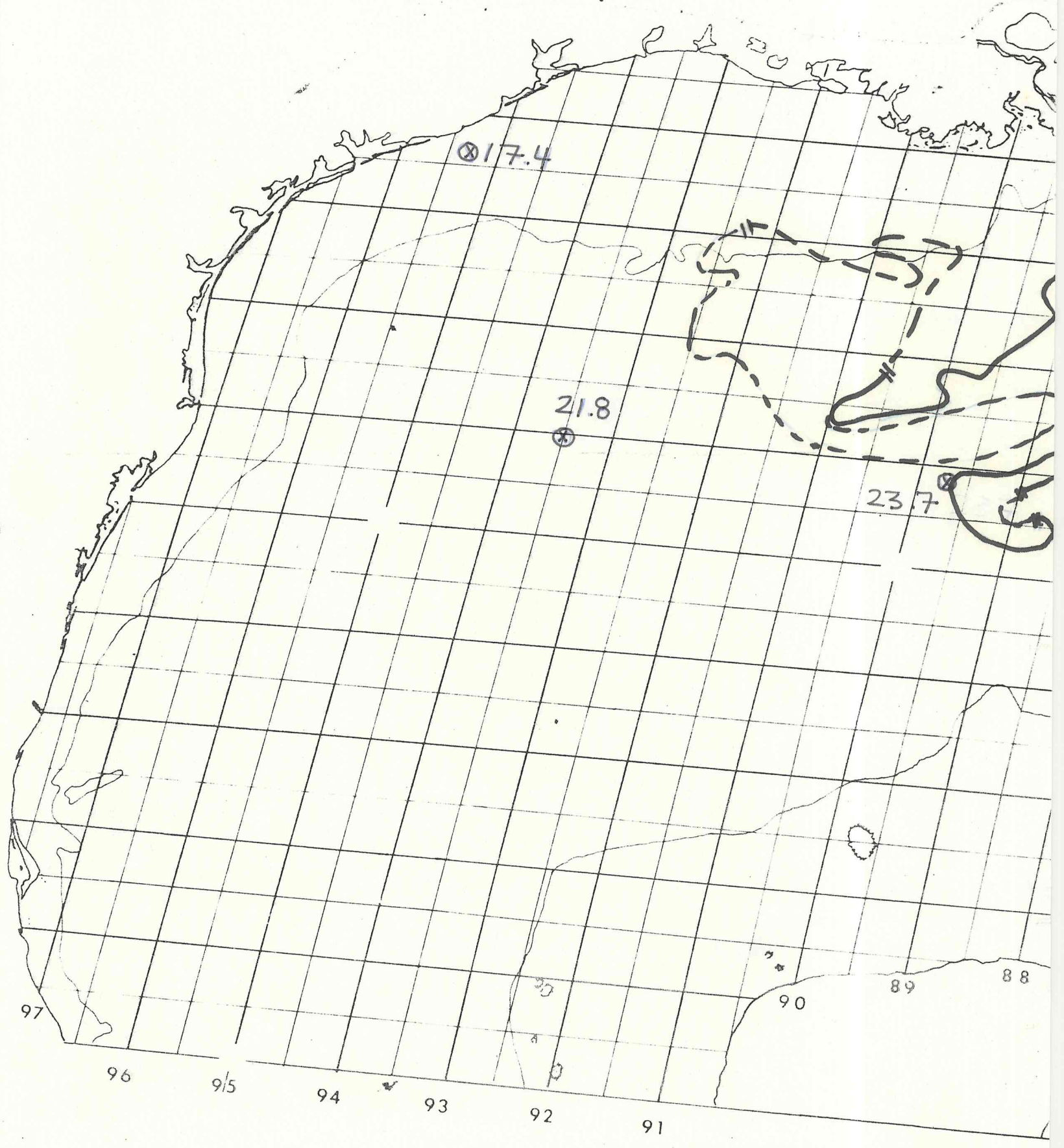
- (—) Position based on data 0 to 2 days old.
- (---) Position based on data 3 to 7 days old.
- (- - - -) Position based on data 8 days or more old.
- (....) Mean position for month.

VK very cold
 K cold
 M mixed
 W warm

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

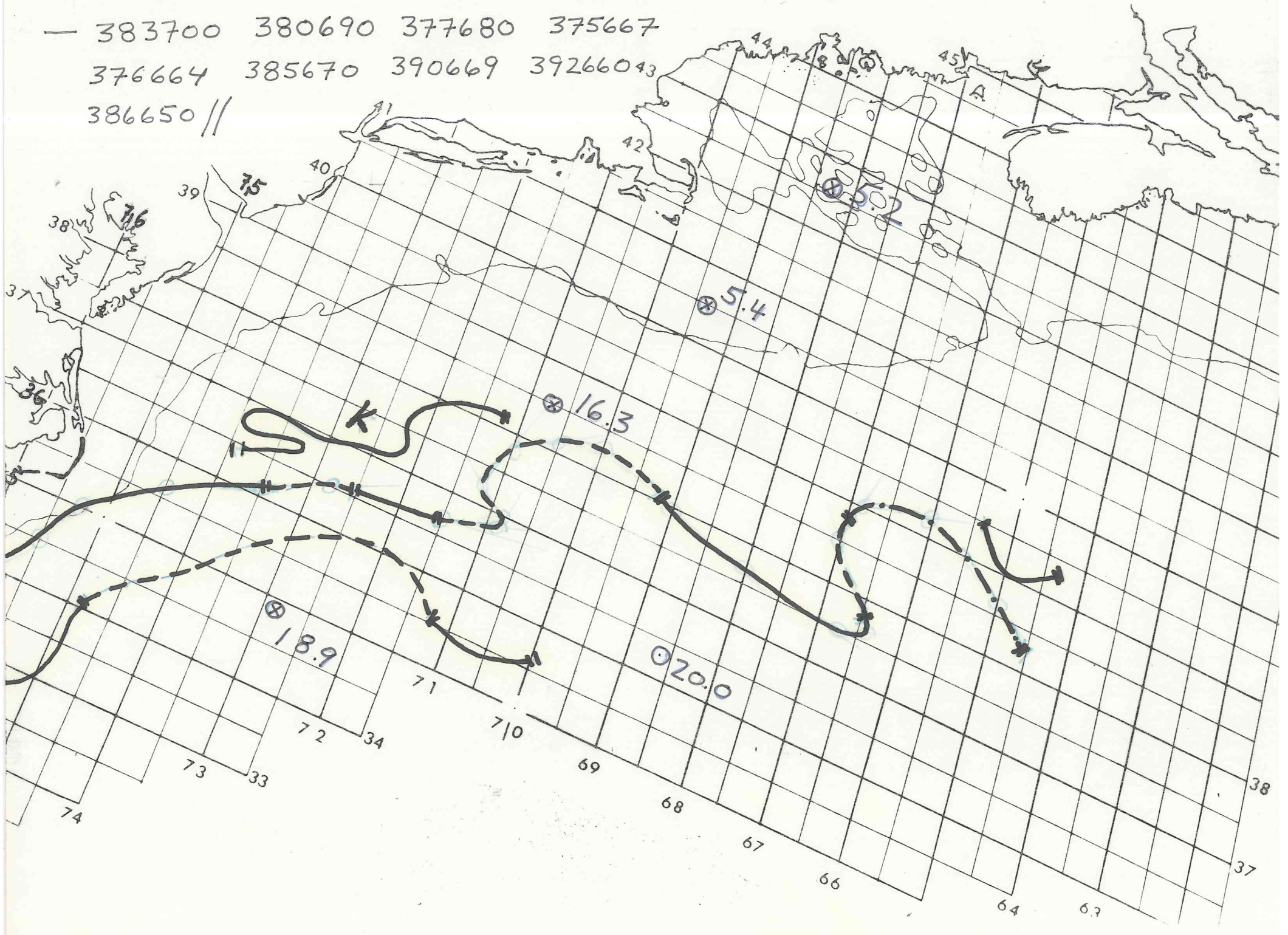
NEXT UPDATE
18 APR 83





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 15 APR 1983 PART B

— 383700 380690 377680 375667
376664 385670 390669 39266043
386650 //



1983 APR 15 PM 2:57

ZCZC MIAGLMMIA
TRXX40 KMIA 151945
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...15 APR 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
215864 225867 230870 235873 240872 244873 248880 257884 263882
270876 271865 270860 267855 260852 255855 251860 249864 246860
245855 246850 249843 247836 243830 242825 243810 245806 250802
253800 260800.

...MIAMSFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A95/49/M/24. B96/54/M/24. C105/53/M/24. D108/53/M/24. E101/51/M/24.
F79/54/M/25. G57/38/M/25. H28/45/M/25. I34/53/M/25. J18/48/M/25.
K11/44/M/26. L03/52/M/26. M008/M/26. N07/41/M/26. O05/36/M/26.
P08/50/M/26. Q22/29/M/26. R16/54/M/26. S20/55/M/26. T24/65/M/26.
U23/74/M/26.
AA78/48/M/24. BB71/46/M/24. CC77/16/M/24. DD45/80/M/24.
EE47/72/M/24. FF86/18/M/24. GG38/M/24. HH41/55/M/24.
II07/66/M/24. JJ55/65/M/24.

.....DATA STATUS.....
A CURRENT R CURRENT C CURRENT D CURRENT E CURRENT
F CURRENT G CURRENT H CURRENT I CURRENT J 13 APR.
K 13 APR. L 13 APR. M 13 APR. N 13 APR. O CURRENT
P CURRENT Q CURRENT R 13 APR. S 13 APR. T 13 APR.
U CURRENT
AA CURRENT BB CURRENT CC CURRENT DD 13 APR. EE 13 APR.
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....
INSIDE FRONT DATA...79 NM SE OF A...75 NM SE OF B...97 NM E OF C...
89 NM E OF D...79 NM E OF E...53 NM E OF F...67 NM SE OF AA...09 NM
SE OF DD.

WHITE/BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

216864 227867 240875 247872 245862
 242858 242855 243845 244836 242830
 240820 242814 244810 247808 252800
 260799// _____

NOAA Miami SFSS

Date: 18 APR 1983

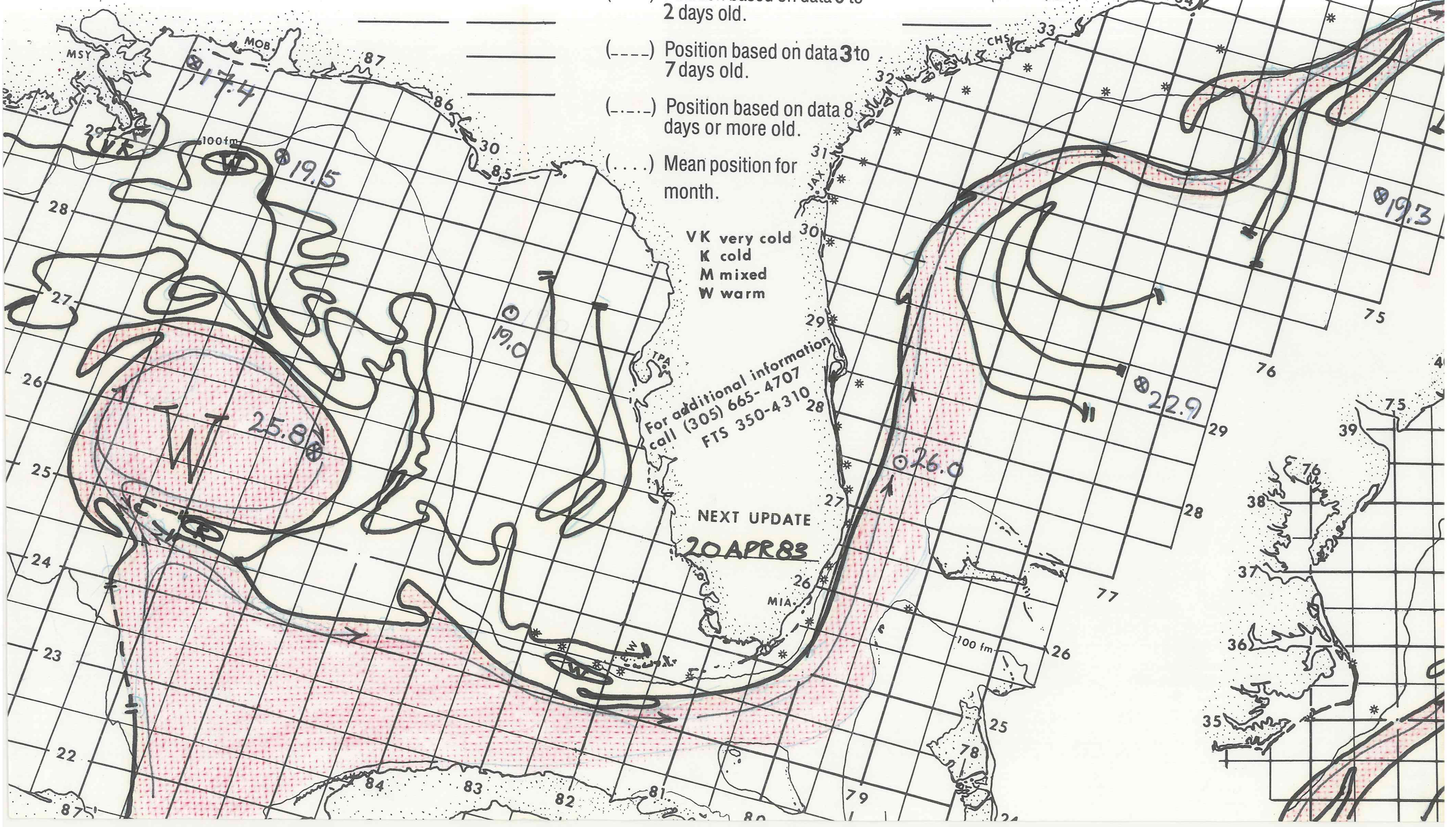
Depicted land should not be used for navigation.

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.

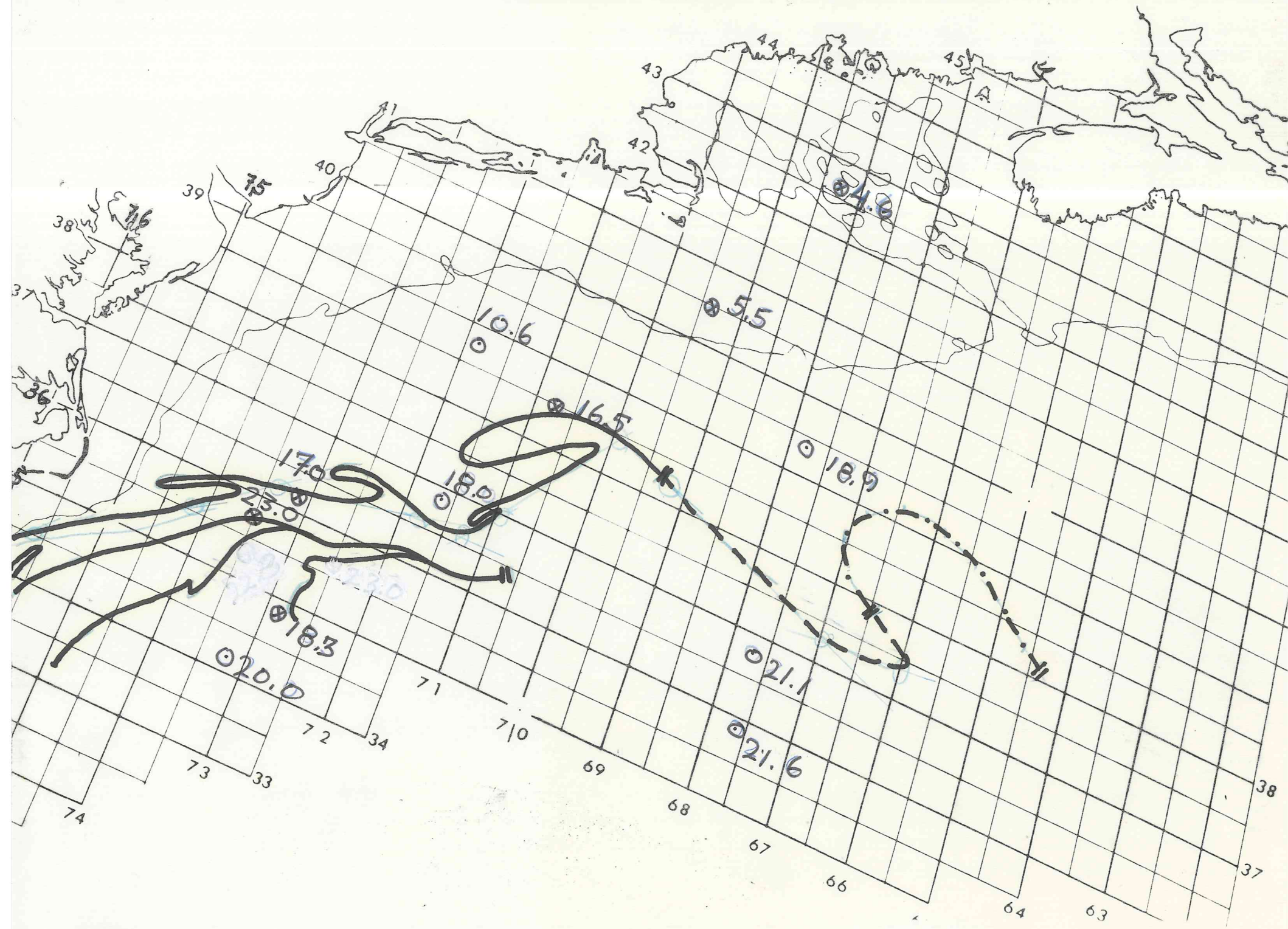
- (____) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (-----) Position based on data 8 days or more old.
- (....) Mean position for month.

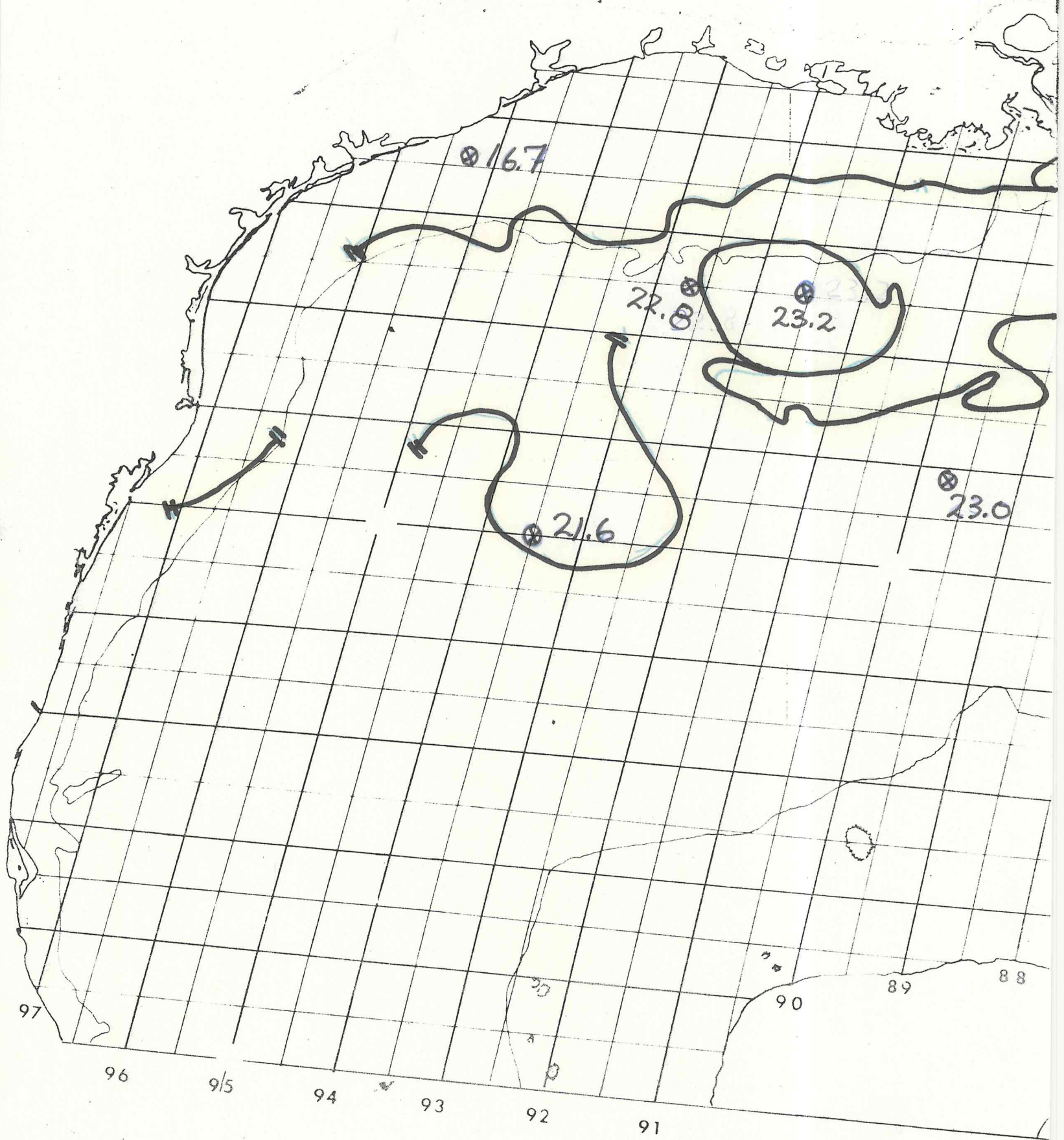
GULF STREAM SYSTEM FLOW CHART # 2450

270799 275798 280799 300802 305801
 316794 320785 319775 322769 326768
 334769 336764 345756 356742 36
 362734 366718 366713 370709
 385699 382692 373670
 384660// SRB



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





M MABV
M M

ZCZC MIAOCFGLM

TBXX40 KMIA 181730

MIAMI SFSS OCEANOGRAPHIC ANALYSIS...18 APR 1983

1983 APR 18 PM 12:50

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

216864 227867 240875 247872 245862 242858 242855 243845 244836
242830 240820 242814 244810 247808 252800 260799. WARM EDDY
BOUNDED BYO 255885 269879 272875 260855 250859 250883 255885.

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

75/30/M/24. B75/30/M/24. C88/28/M/24. D90/31/M/24. E82/30/M/24.
62/30/M/25. G51/56/M/25. H29/54/M/25. I38/52/M/25. J23/46/M/25.
14/40/M/26. L05/48/M/26. M09/44/M/26. N09/39/M/26. O09/33/M/26.
10/53/M/26. Q15/34/M/26. R26/41/M/26. S30/46/M/26. T32/57/M/26.
U35/66/M/26.

AA68/26/M/24. BB70/17/M/24. CC61/23/M/24. DD78/18/M/24.
EE22/64/M/24. FF75/21/M/24. GG29/20/M/24. HH42/30/M/24.
II21/29/M/24. JJ72/23/M/24.

.....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...07 NM S OF S...06 NM S OF T...26 NM SE OF DD.

WHITE/BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

215864 220865 227868 235870 240876
 250873 249866 243853 247835 242825
 241817 243811 246807 248802 252799
 260798 // _____

NOAA Miami SFSS

Date: 20 APR 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.

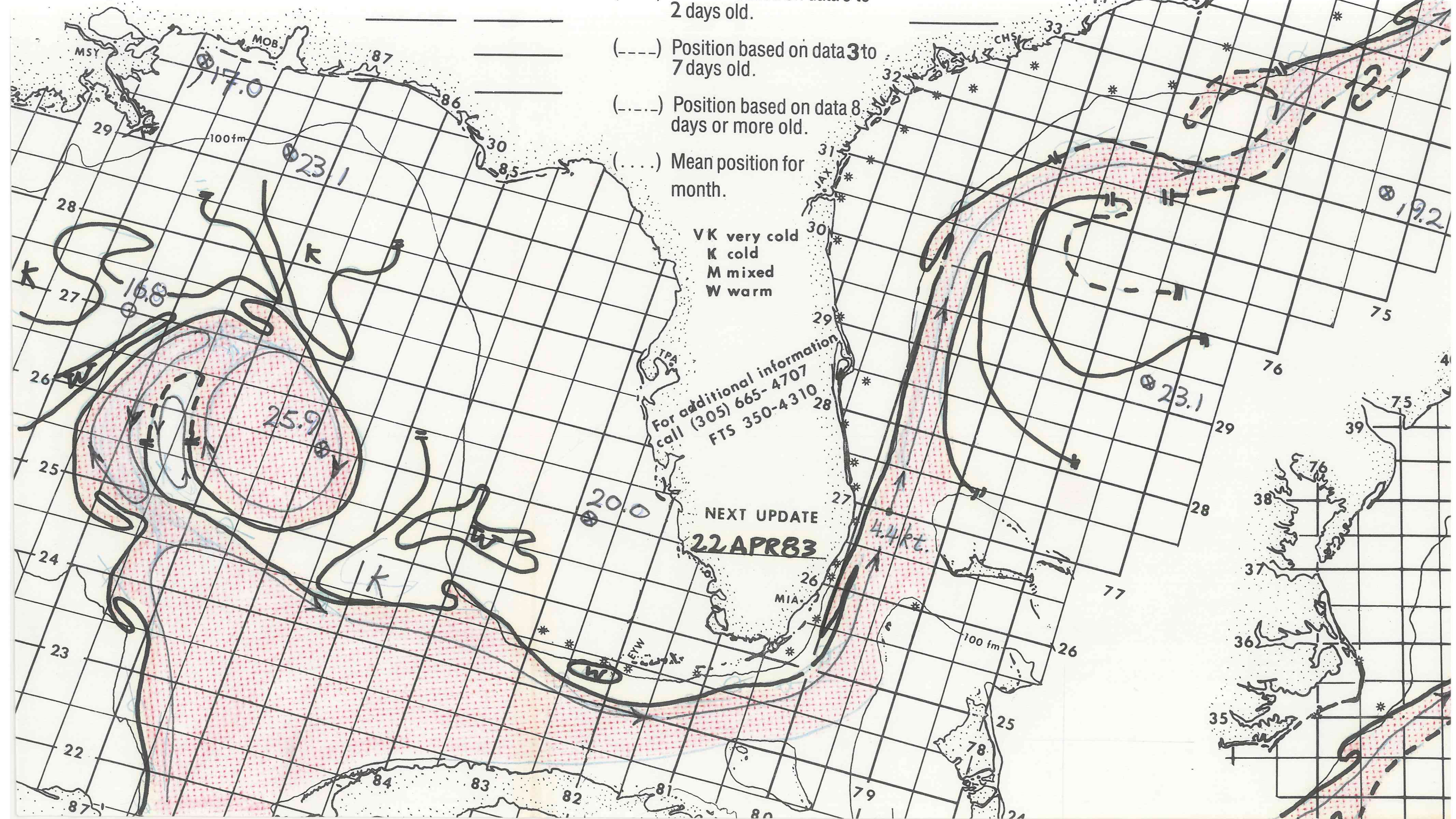
VK very cold
 K cold
 M mixed
 W warm

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

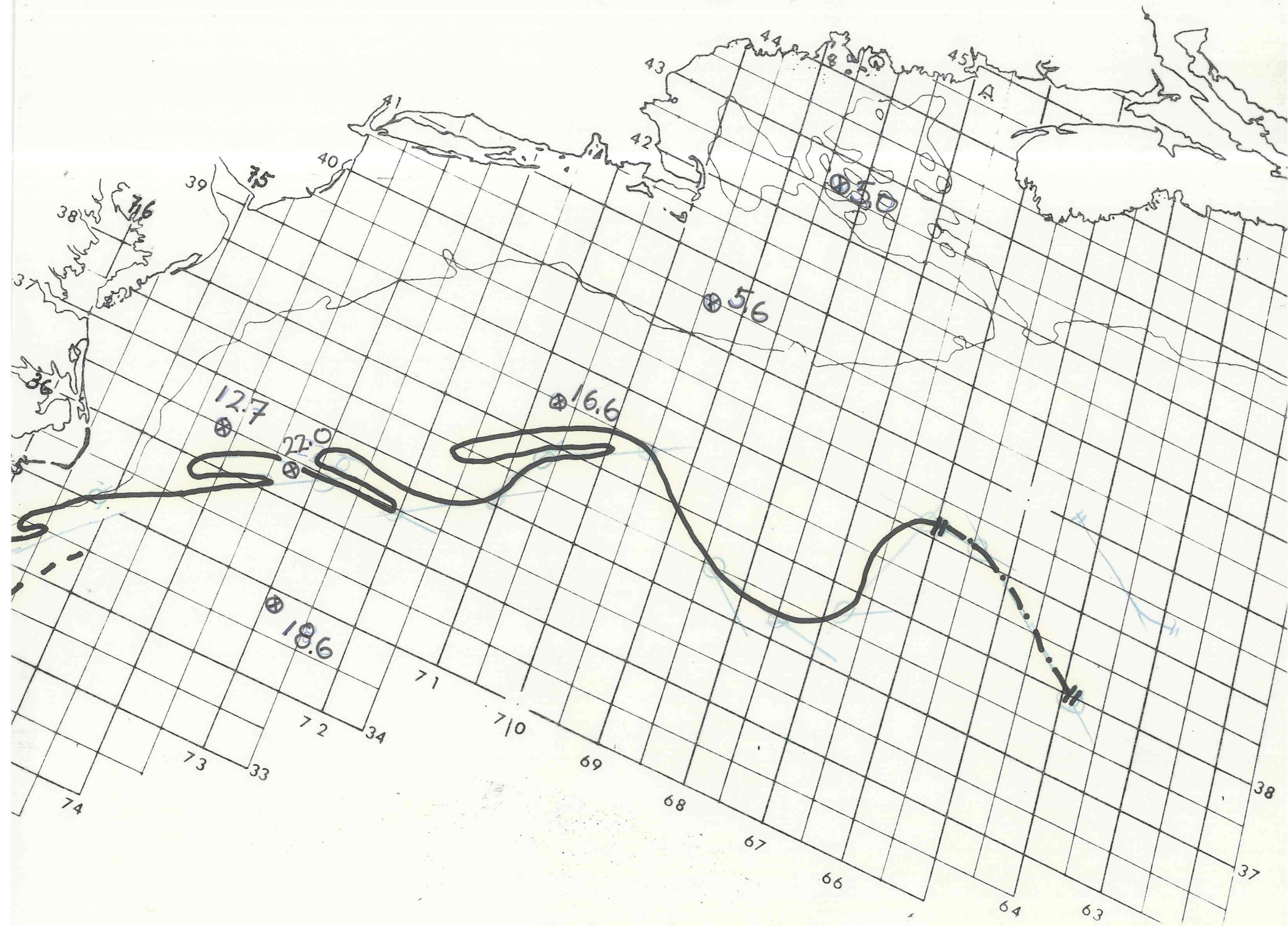
NEXT UPDATE
22 APR 83

GULF STREAM SYSTEM FLOW CHART # 2450

270799 275799 285800 302800 317790
 320785 320775 323770 328768 335767
 345755 351751 365728 365720 36
 370710 378707 385695 375684
 373675 377668 392661
 391654 380639 // 818



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 20 APR 1983 PART B





1983 APR 20 AM 11:49

NNNN↓A
ZCZC WBC245
TBXX40 KMIA 201500
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...20 APR 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
215864 220865 227868 235870 240876 250873 249866 243853 247835
242825 241817 243811 246807 248802 252799 260798. WARM EDDY
BOUNDED BYO 255885 270879 272875 271870 270864 260855 255854
250860 250884 255885.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A85/61/M/24. B75/42/M/24. C95/47/M/24. D94/57/M/24. E80/72/M/24.
F77/24/M/25. G59/23/M/25. H29/30/M/25. I37/40/M/25. J23/47/M/25.
K14/40/4/26. L06/51/4/26. M15/45/4/26. N15/36/4/26. O15/27/M/26.
P18/41/M/26. Q16/35/M/26. R25/45/M/26. S25/52/M/26. T25/65/M/26.
U19/81/M/26.
AA75/35/M/24. BB71/43/M/24. CC48/44/M/24. DD65/27/M/24.
EE68/23/M/24. FF0/35/M/24. GG26/21/M/24. HH32/40/M/24.
II10/39/M/24. JJ63/32/M/24.

.....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 18 APR. CC 18 APR. DD 18 APR. EE 18 APR.
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....
INSIDE FRONT DATA...62 M E OF F...08 NM E OF M...06 NM E OF N...
06 NM E OF O...25 NM SE OF DD...20 NM SE OF EE.
RECENT SHIP OBSERVATIONS IN THE STRAITS OF FLORIDA AT 27N SHOW THE
MAXIMUM SPEED OF THE GULF STREAM IS 4.4 KNOTS ALONG THE AXIS AT
79.7W AND 3.3 KNOTS JUST EAST OF THE SHOREWARD EDGE OF THE STREAM
AT 79.9W.

WHITE/BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

215864 220864 230867 237870 245875
 253880 247870 244860 244850 245840
 245833 242825 241820 242815 248802
 251800 255798 260798//

NOAA Miami SFSS

Date: **22 APR** 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.

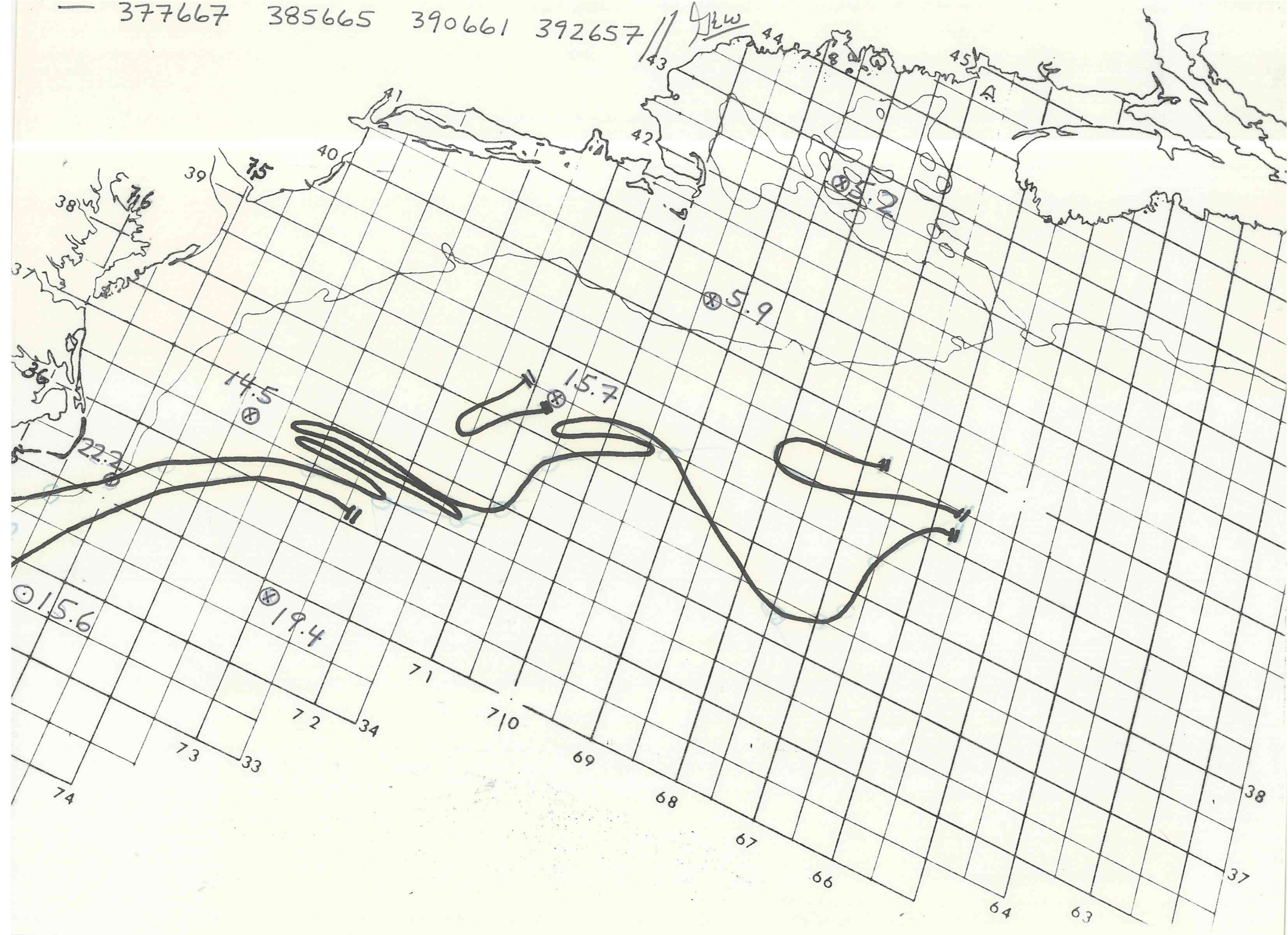
GULF STREAM SYSTEM FLOW CHART # 2450

270798 285798 295799 305801 311800
 316795 322785 322780 320772 326770
 327765 330764 335766 342759 360750
 348755 357745 364730 365721
 366713 370708 377705
 385693 374675
 375670



MIAMI SFSS ANALYSIS OF THE GULF STREAM: **22 APR** 19 **83** PART B

— 377667 385665 390661 392657



NNNNJJ
ZCZC MIAOCFGLM
TBXX40 KMIA 221630
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...22 APR 1983 1983 APR 22 PM 12:14

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
215864 220864 230867 237870 245875 253880 247870 244860 244850
245840 245833 242825 241820 242815 248802 251800 255798 260798.
WARM EDDY BOUNDED BYO 253880 260887 265886 272878 274870 274861
262855 254855 250859 249865 253880.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A68/27/M/24. B60/48/M/24. C72/34/M/24. D71/41/M/24. E82/25/M/24.
F66/28/M/25. G61/21/M/25. H38/33/M/25. I33/56/M/25. J29/41/M/25.
K22/35/4/26. L15/42/4/26. M18/48/4/26. N19/34/4/26. O17/26/M/26.
P15/41/M/26. Q12/38/M/26. R22/49/M/26. S22/54/M/26. T21/69/M/26.
U18/80/M/26.
AA56/30/M/24. BB59/36/M/24. CC35/42/M/24. DD73/10/M/24.
EE73/24/M/24. FF72/28/M/24. GG24/08/M/24. HH33/27/M/24.
II05/24/M/24. JJ50/21/M/24.

.....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...62 NM E OF E...44 NM E OF F...46 NM E OF G...
25 NM E OF H...11 NM SE OF EE...56 NM SE OF FF...10 NM SE OF GG.
RECENT SHIP OBSERVATIONS IN THE STRAITS OF FLORIDA AT 27N SHOW THE
MAXIMUM SPEED OF THE GULF STREAM IS 4.4 KNOTS ALONG THE AXIS AT
79.7W.

WHITE/BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

215864 229866 237870 243873 250879
255881 262880 267885 274874 275870
270860 260853 255854 245860 243862
242860 243850 245842 245833 243830
240818 243815 248802 252800 260798 //

Date: 25 APR 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.

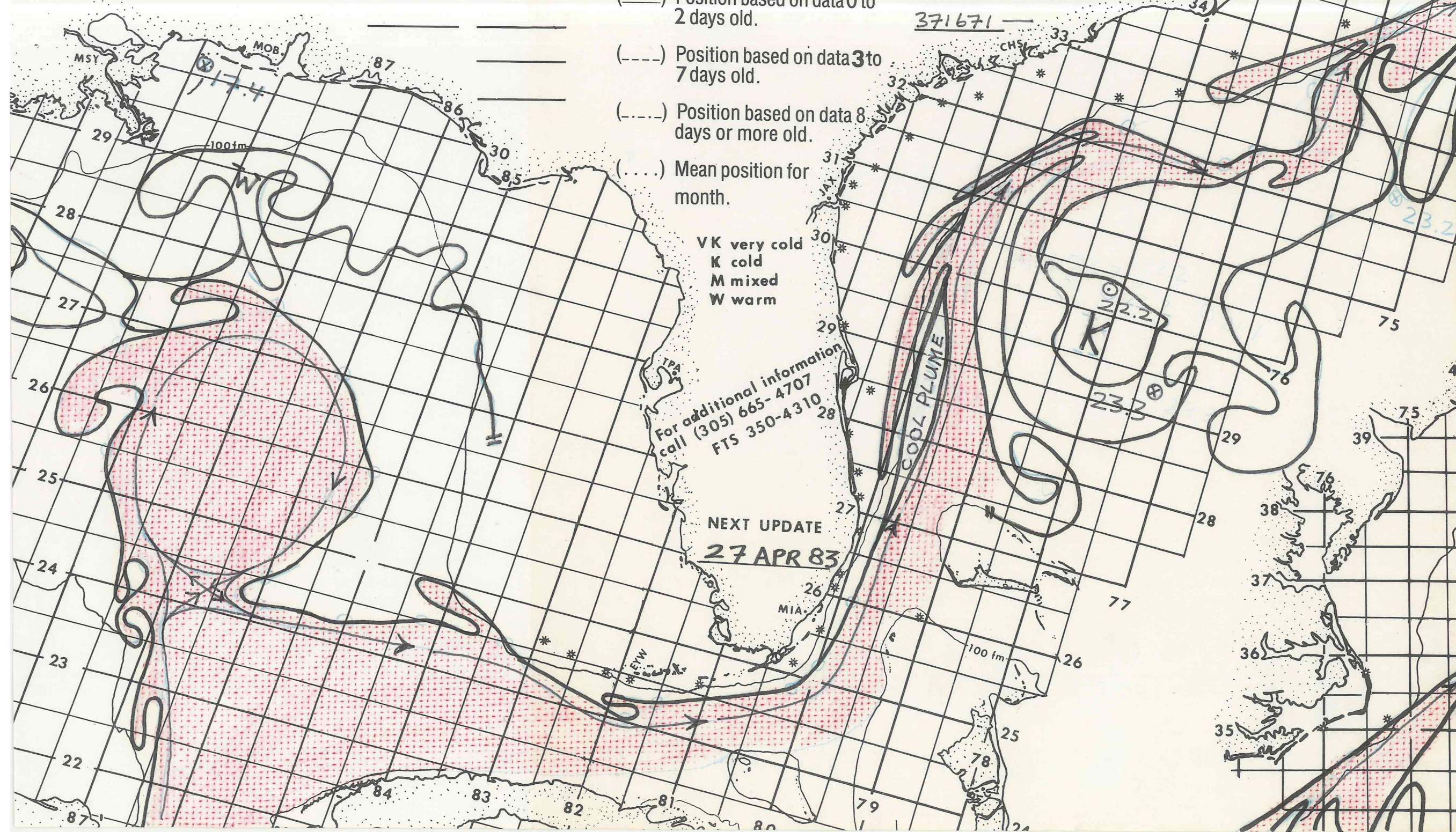
270798 280799 290800 310800 316795
323785 322773 324770 326765 328764
333766 344760 353750 363735 36
365730 366715 368707 372705
377704 382700 383695
382685 372675
371671

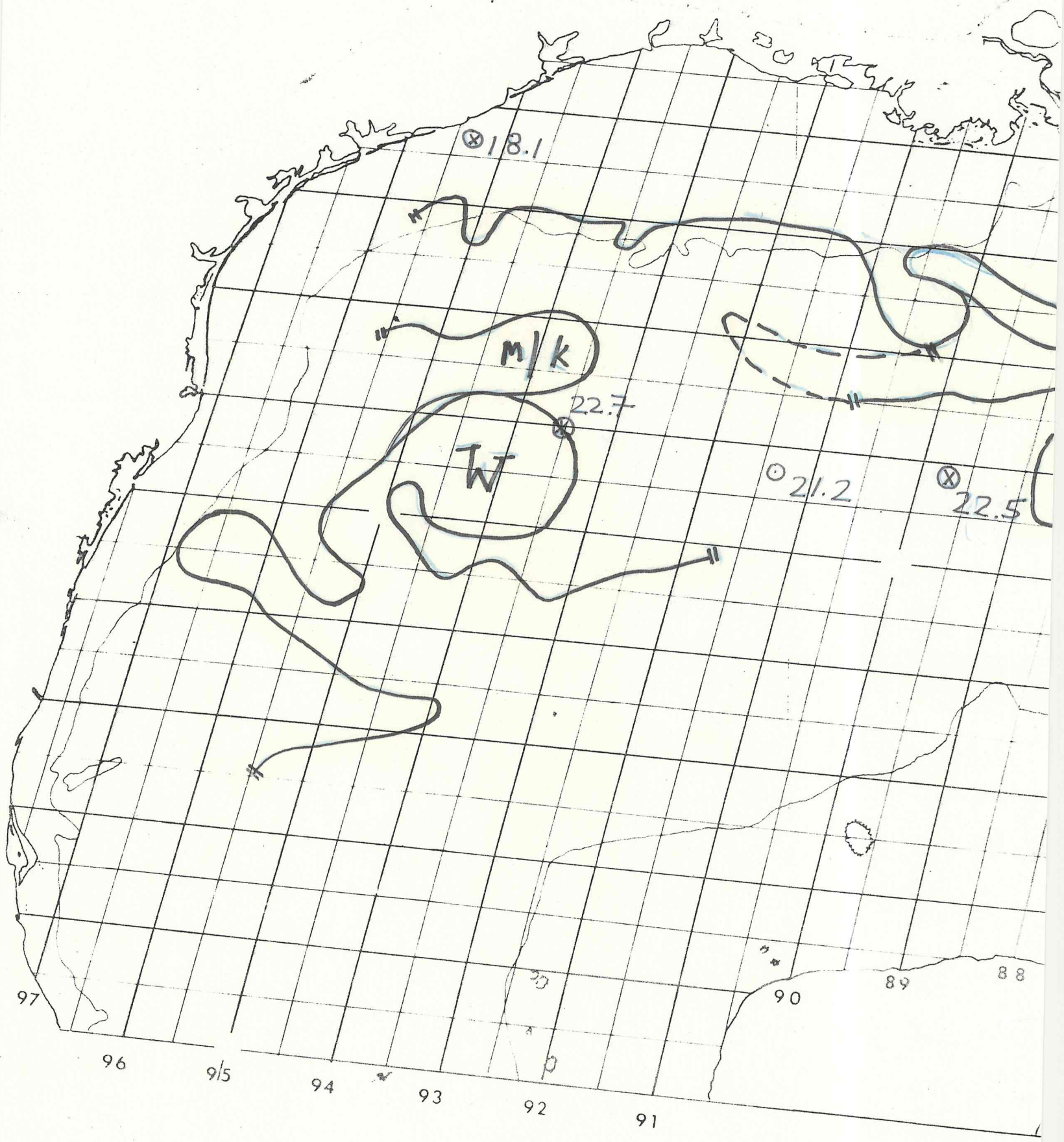
- (—) Position based on data 0 to 2 days old.
- (---) Position based on data 3 to 7 days old.
- (----) Position based on data 8 days or more old.
- (....) Mean position for month.

VK very cold
 K cold
 M mixed
 W warm

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

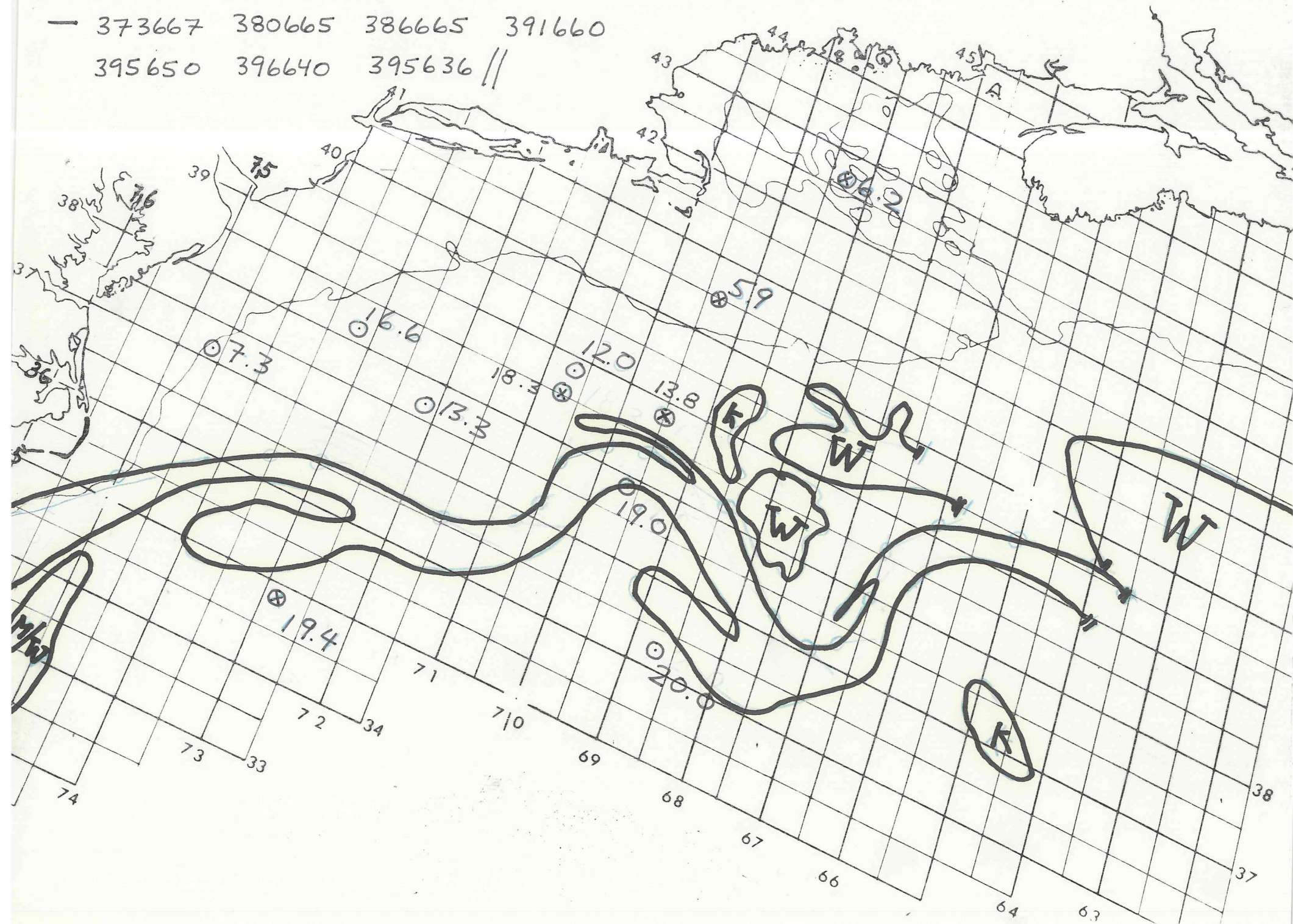
NEXT UPDATE
27 APR 83





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 25 APR 1983 PART B

— 373667 380665 386665 391660
395650 396640 395636 //



NNNN↓A
ZCZC WBC846
TBXX40 KMIA 251745
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...25 APR 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
215864 229866 237873 243873 250879 255881 262880 267885 274874
275870 270860 260853 255854 245860 243862 242860 243850 245842
245833 243830 240818 243815 248802 252800 260798.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A72/25/M/24. B77/36/M/24. C77/28/M/24. D89/27/M/24. E82/31/M/24.
F77/21/M/25. G75/24/M/25. H49/37/M/25. I52/61/M/25. J35/36/M/25.
K26/31/4/26. L15/43/4/26. M16/43/4/26. N16/36/4/26. O13/30/M/26.
P14/46/M/26. Q11/40/M/26. R28/42/M/26. S23/53/M/26. T22/66/M/26.
U21/77/M/26.
AA61/14/M/24. BB60/43/M/24. CC30/43/M/24. DD63/14/M/24.
EE85/24/M/24. FF78/45/M/24. GG23/11/M/24. HH31/40/M/24.
II05/35/M/24. JJ51/26/M/24.

.....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...65 NM SE OF A...61 NM SE OF B...67 NM E OF C...
73 NM E OF D...63 NM E OF E...60 NM E OF F...40 NM E OF G...14 NM
S OF R...55 NM SE OF AA...47 NM SE OF BB...12 NM SE OF EE...55 NM SE
OF FF...10 NM SE OF GG.
PLUME OF COOL WATER OVERRUNNING THE GULFSTREAM IS OBSERVED BETWEEN
F AND K. THE SPEED FRONT IS INSHORE OF THE THERMAL FRONT IN THIS
AREA...AT THE FOLLOWING DISTANCES...58 NM E OF G...29 NM E OF H...
39 NM E OF I...27 NM E OF J...21 NM E OF K.

WHITE/BAIG

APR 25 PM 2:21

NNNN+A

ZCZC WBC876

SXN11 KWBC 251835

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

27.0/79.8	28.0/79.9	29.0/80.0	31.0/80.0
31.6/79.5	32.3/78.5	32.2/77.3	32.4/77.0
32.6/76.5	32.8/76.4	33.3/76.6	34.4/76.0
35.3/75.0	36.2/73.5	36.6/71.5	37.0/70.7
37.2/70.6	37.7/70.4	38.1/70.0	38.1/69.5
38.0/69.0	37.0/67.7	37.1/67.0	37.3/66.7
38.4/66.7	39.0/66.0	39.4/65.0	

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

WARM EDDIES 38.4/72.5/45 NMI. DIAM. 39.2/67.7/65 NMI. DIAM 40.1/60.2/12

NMI. DIAM 41.3/55.8/90 NMI. DIAM.

COLD EDDIES 35.6/66.7/45 NMI. DIAM. 37.1/64.8/55 NMI DIAM

LATEST SATELLITE DATA

GULF STREAM SYSTEM FLOW CHART # 2450

215864 220865 225864 230866 238875
 250880 255879 264879 271883 273877
 276876 273865 266857 259851 256851
 248855 243858 240854 236850 241849
 244843 244829 241818 242811 245806
 246803 251799 260799// _____

NOAA Miami SFSS

Date: **27 APR 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.

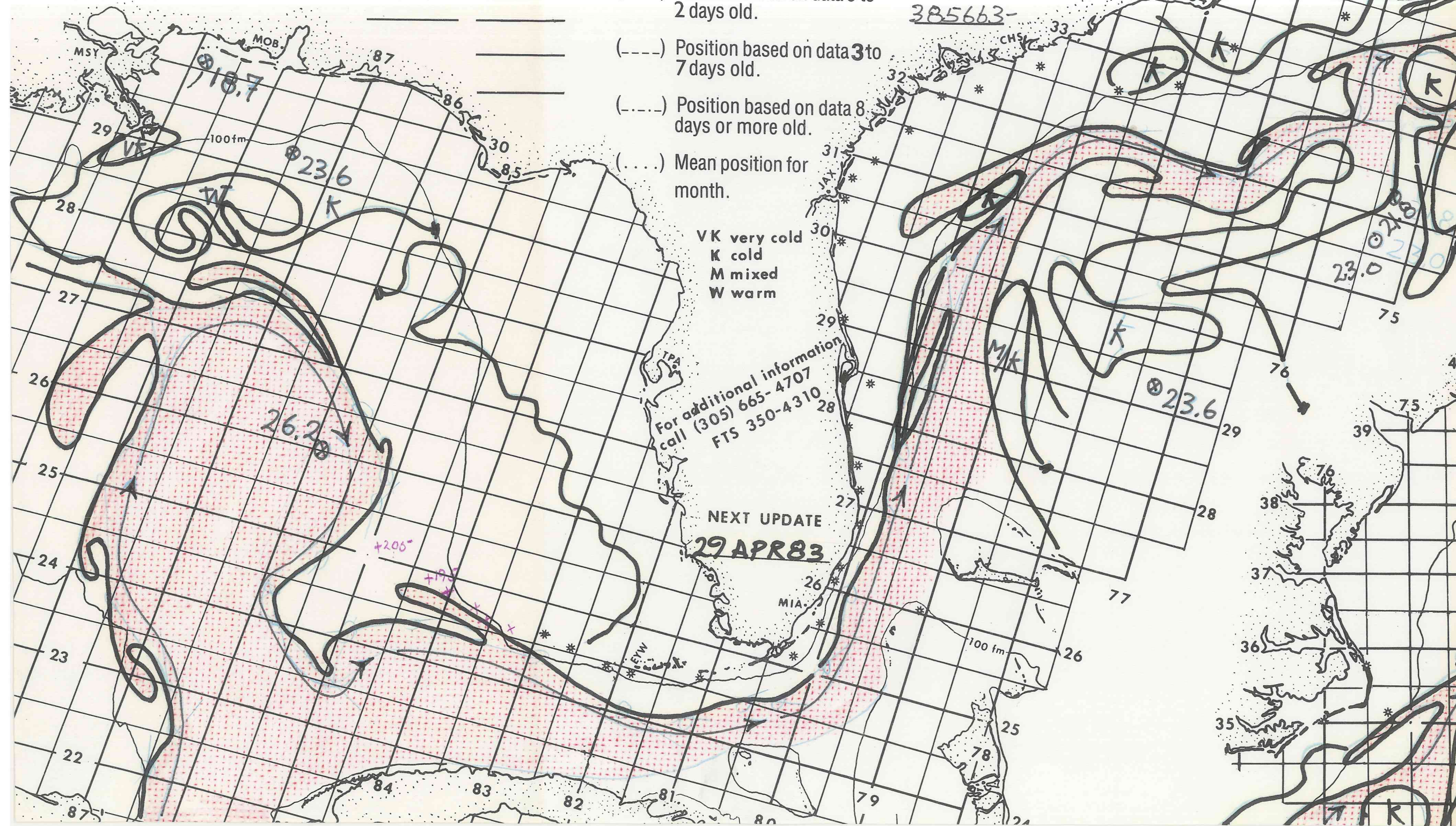
VK very cold
 K cold
 M mixed
 W warm

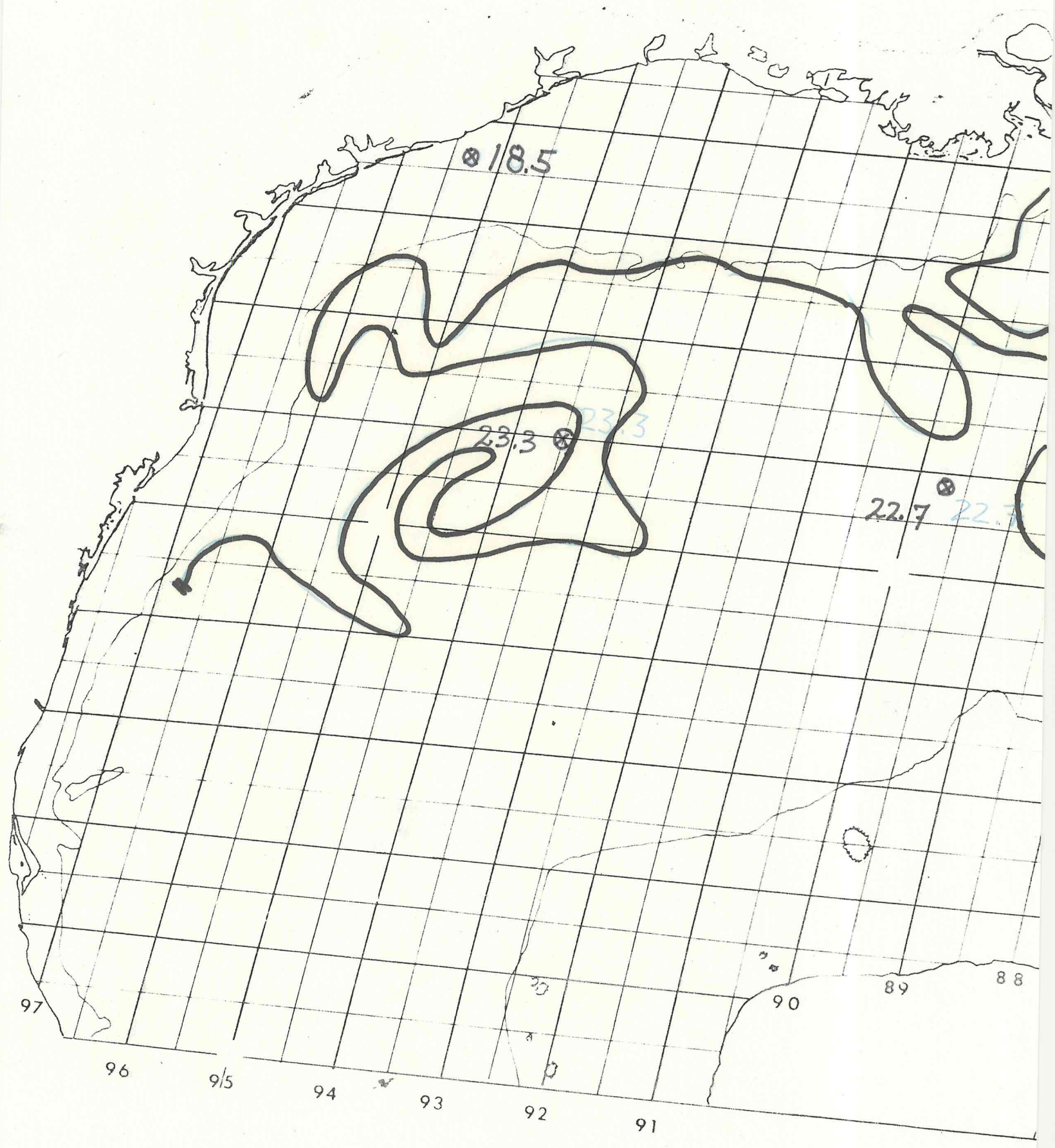
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE
29 APR 83

GULF STREAM SYSTEM FLOW CHART # 2450

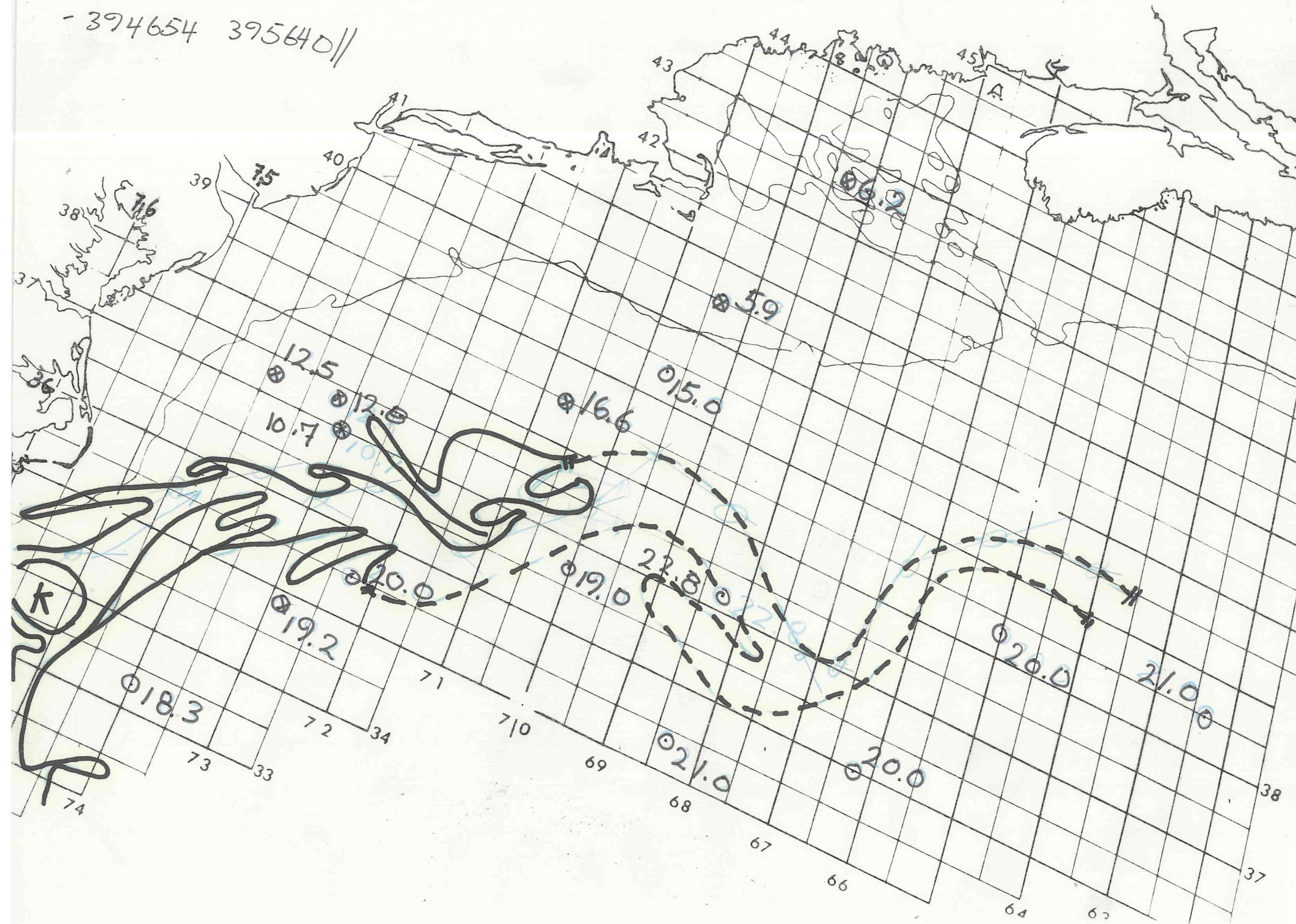
270798 278799 285798 295798 300800
 320791 322784 321777 321770 328766
 330760 340760 344752 356744 36
 362736 362730 367724 364713
 375700 384695 382685
 370672 370662 ~~SAR~~
 385663-





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 27 APR 1983 PART B

- 394654 395640 //



NNNN↓

V

ZCZC

SXNT 1 KWBC 272005

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

27.0/79.8 27.8/79.9 28.5/79.8 29.5/79.8

30.0/80.0 32.0/79.1 32.2/78.4 32.1/77.7

32.1/77.0 32.8/76.6 33.0/76.0 34.0/76.0

34.4/75.2 35.6/74.4 36.2/73.6 36.3/73.0

36.7/72.4 36.6/71.8 36.4/71.3 36.6/71.0

37.0/70.7 37.6/70.0 38.2/69.0 38.2/68.5

37.2/67.2 37.2/66.0 38.2/66.8 39.3/65.0

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

WARM EDDIES 38.3/72.6/35 NMI. DIAM.⊙ 40.8/65.1/50 NMI. DIAM.⊙
40.0/60.3/135 NMI. DIAM.

COLD EDDIES 35.3/69.4/45 NMI. DIAM.⊙ 37.2/65.0/55 NMI. DIAM.⊙
35.8/61.2/75 NMI. DIAM.

LATEST SATELLITE DATA 4/27/83

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 29 APR 1983

215863 227864 233868 239876 247880
 260880 268876 274866 270858 262855
 253850 241856 238853 244845 243840
 245833 240819 241811 245807 249801
 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.

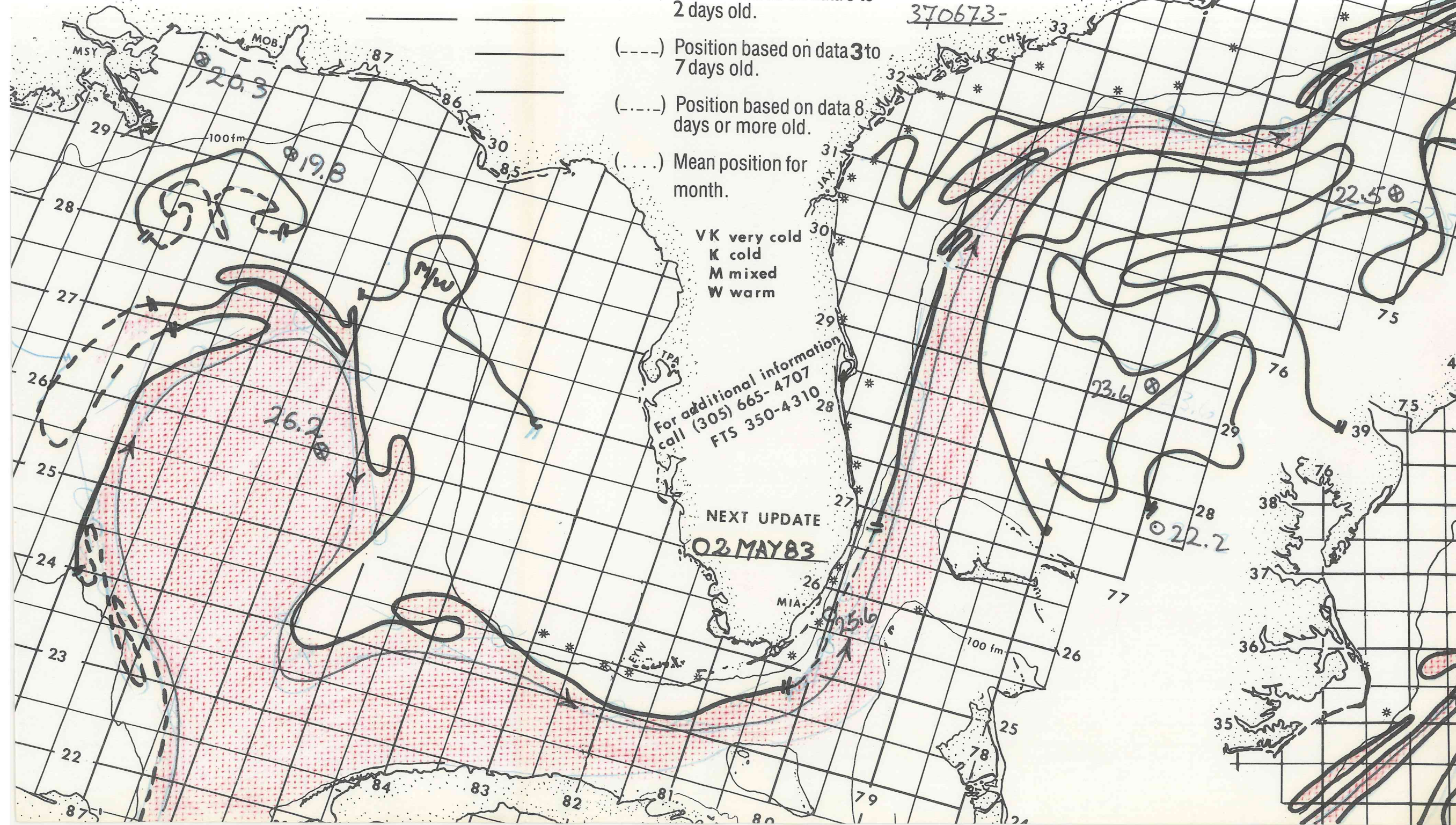
270798 275798 285799 301800 314795
 324785 325780 324775 328767 330764
 339761 354743 360741 362735 36
 368730 366724 366720 369714
 368710 369705 372701
 382695 377678
 370673-

- (—) 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

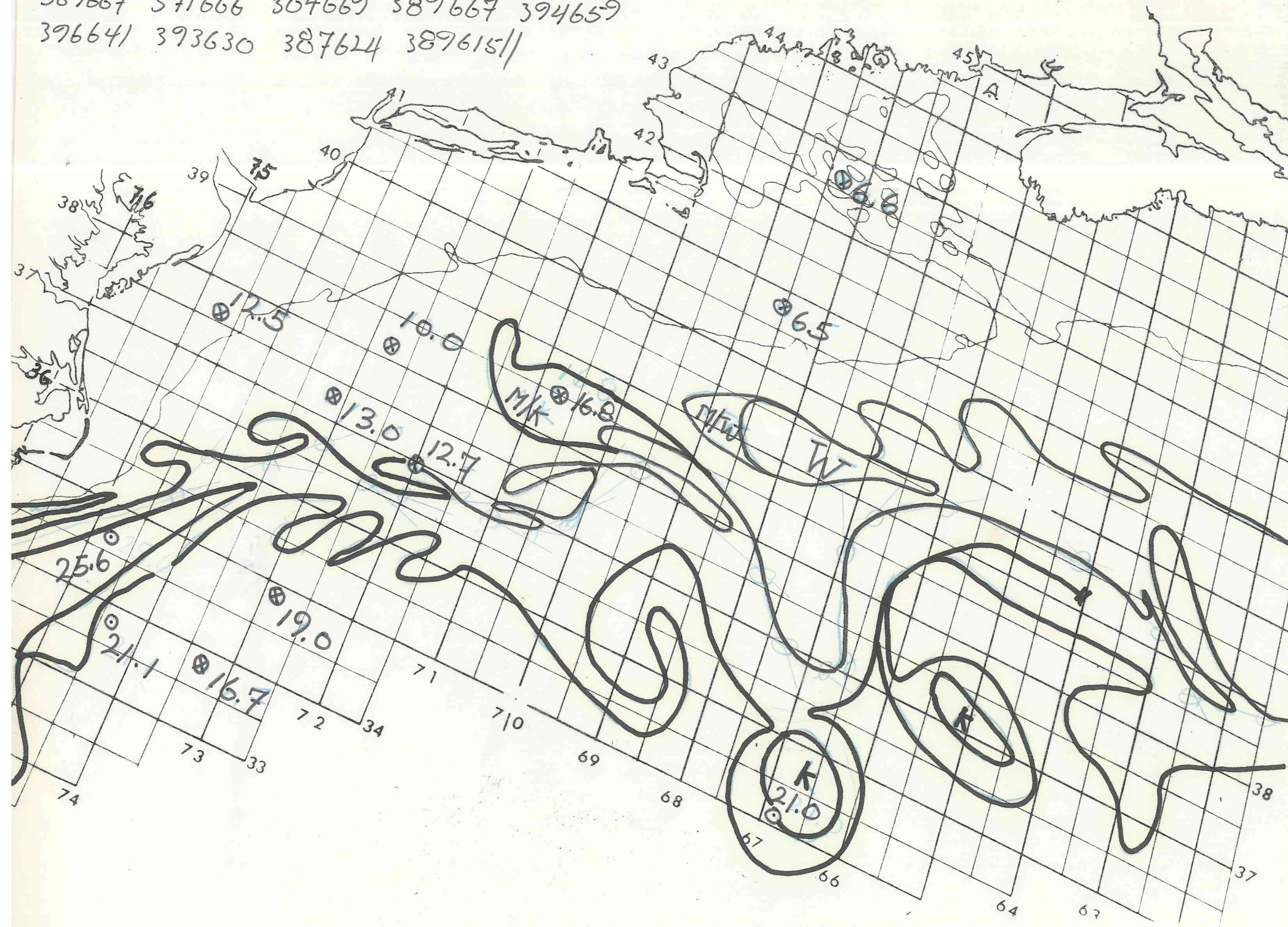
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE
02 MAY 83



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 29 APR 1983 PART B

369667 371666 384669 389667 394659
396641 393630 387624 389615||



NNNN↓V

ZCZC

SXNT 1 KWBC 292000

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

27.0/79.8 27.5/79.8 28.5/79.9 30.1/80.0

31.4/79.5 32.3/78.5 32.4/78.0 32.4/77.5

32.8/76.7 33.0/76.4 34.0/76.0 35.3/74.7

36.0/74.0 36.2/73.5 36.6/73.0 36.6/72.4

36.8/71.0 36.7/70.0 38.0/69.0 38.1/68.5

36.9/67.3 37.0/67.0 37.5/66.9 38.0/67.0

39.0/66.3 39.5/65.0

1983 APR 29 PM 9 04

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

WARM EDDIES 39.2/67.7/65 NMI. DIAM. 40.4/64.7/50 NMI. DIAM. 39.8/59.5/105 NMI. DIAM. 41.6/56.0/105 NMI. DIAM. 42.3/51.9/80 NMI. DIAM..

COLD EDDIES 35.7/69.0/65 NMI. DIAM. 35.6/66.6/65 NMI. DIAM. 36.9/65.0/75 NMI. DIAM. 36.6/61.6/65 NMI. DIAM. 34.7/61.1/65 NMI. DIAM. 30.0/77.5/65 NMI. DIAM..

LATEST SATELLITE DATA 4/29/83

NNNN↓A
ZCZC WBC300
TBXX40 KMIA 291745
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...29 APR 1983

388 APR 29 07 20 01
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
215863 227854 233868 239876 247880 260880 268876 274866 270858
262855 253850 241856 238853 244845 243840 245833 240819 241811
245807 249801 252800 260799.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A83/31/M/24. B93/40/M/24. C95/30/M/24. D98/34/M/24. E100/30/M/24.
F77/37/M/25. G60/40/M/25. H31/61/M/25. I39/82/M/25. J23/41/M/25.
K21/35/4/26. L14/43/4/26. M12/47/4/26. N11/39/4/26. O09/34/M/26.
P16/41/M/26. Q23/29/M/26. R27/50/M/26. S25/55/M/26. T21/71/M/26.
U21/78/M/26.
AA69/25/M/24. BB47/36/M/24. CC18/36/M/24. DD41/26/M/24.
EE70/19/M/24. FF90/16/M/24. GG32/19/M/24. HH55/14/M/24.
II30/12/M/24. JJ70/12/M/24.

.....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 27 APR. N 27 APR. O 27 APR.
P 27 APR. 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...56 NM SE OF A...53 AND 81 NM SE OF B...61 NM E
OF C...89 NM E OF E...46 NM SE OF AA...80 NM SE OF FF...13 NM SE OF
GG...40 NM SE OF HH.

WHITE/BAIG