

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **03 JAN** 19**83**

215863 220863 228860 235855 239850
 242840 242830 244820 245810 249802
 254800 260800 // WARM EDDY BOUNDED BY:
 240876 244884 247887 256887 262882
 272869 270853 263847 254844 245842
 242854 239865 241871 240876 //

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.

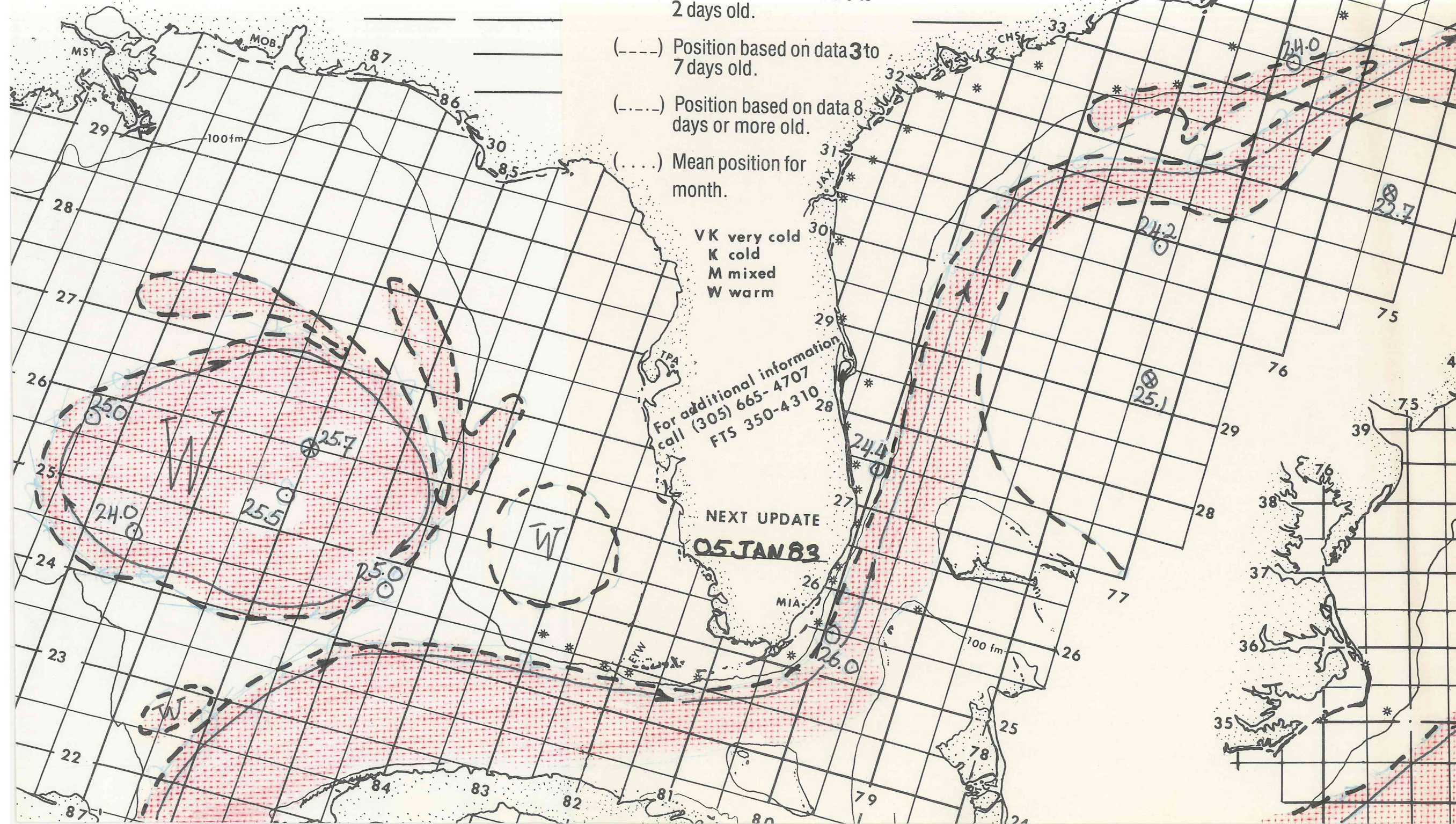
270799 300799 311796 317789 320776
 327768 348749 358736 366729 375713
 381690 381679 379678 375655 36
 390637 390626 // SUR

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

VK very cold
 K cold
 M mixed
 W warm

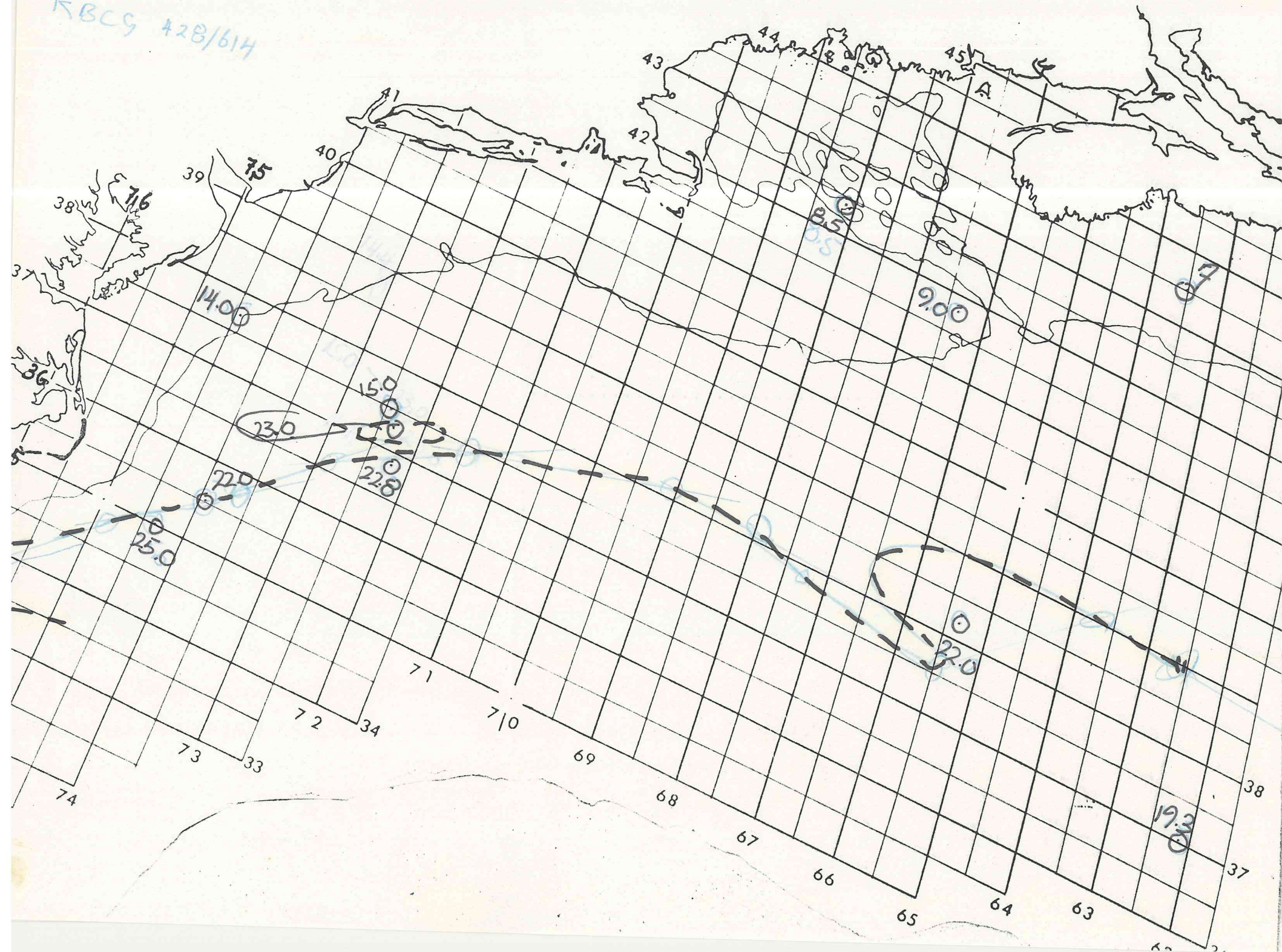
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE
05 JAN 83



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 03 JAN 1983 PART B

KBCG 428/614



ZCZC MIAGLMMIA
IBXX40 KMA 031500
MIAMI SFSS OCEANOGRAPHIC ANALYSES...03 JAN 1983

1983 JAN -3 AM 10:19
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
215863 220863 228860 235855 239850 242840 242830 244820 245810
249802 254800 260800. WARM EDDY OF LOOP CURRENT BOUNDED BY
240876 244844 247887 256887 262882 272869 270853 263847 254844
245848 242854 239865 241871 240876.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A88/43/M/25. B93/53/M/25. C98/47/M/25. D99/44/M/25. E94/40/M/26.
F79/43/M/26. G61/40/M/26. H30/51/M/26. I35/54/M/26. J22/44/M/26.
K15/40/M/27. L07/49/M/27. M10/46/M/27. N08/38/M/27. O08/35/M/27.
P08/49/M/27. Q10/39/M/27. R07/62/M/27. S09/66/M/27. T12/75/M/27.
U07/7/M/27.
AA77/40/M/25. BB75/40/M/25. CC58/36/M/25. DD58/48/M/25.
EE64/37/M/25. FF95/22/M/25. GG44/25/M/25. HH57/M/M/25.
II35/M/M/24. JJ69/M/M/24.

.....DATA STATUS.....
A 27 DEC. B 27 DEC. C 27 DEC. D 27 DEC. E 27 DEC.
F 27 DEC. G 27 DEC. H 27 DEC. I 27 DEC. J 29 DEC.
K 24 DEC. L 24 DEC. M 24 DEC. N 27 DEC. O 27 DEC.
P 27 DEC. Q 27 DEC. R 24 DEC. S 24 DEC. T 24 DEC.
U 24 DEC.
AA 29 DEC. BB 29 DEC. CC 29 DEC. DD 29 DEC. EE 27 DEC.
FF 27 DEC. GG 27 DEC. HH 27 DEC. II 27 DEC. JJ 27 DEC.
.....

BAIG

NNNN ↓↓A

ZCZC WBC 667

SXNT1 KWEC 051700

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	31.1/79.6	31.7/78.9
32.0/77.6	32.7/76.8	34.8/74.9	35.8/73.6
36.6/72.9	38.0/69.6	38.1/69.0	38.0/68.0
37.6/65.5	37.8/65.5	38.0/66.0	38.6/66.6
39.0/66.0	39.1/65.0		

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

WARM EDDIES NONE DISCERNIBLE
COLD EDDIES NONE DISCERNIBLE

LATEST SATELLITE DATA 1/3/83

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 05 JAN 1983

215864 223862 231858 238852 241844
 243830 244818 246808 248803 253801
 260800 // WARM EDDY BOUNDED BY:
 241876 243883 249888 256888 264880
 272869 272864 268850 261847 254845
 244850 240860 241875 241876 //

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 280799 300800 310797 318788
 321775 326769 344754 371722 379700
 382685 377663 375649 // 8MP

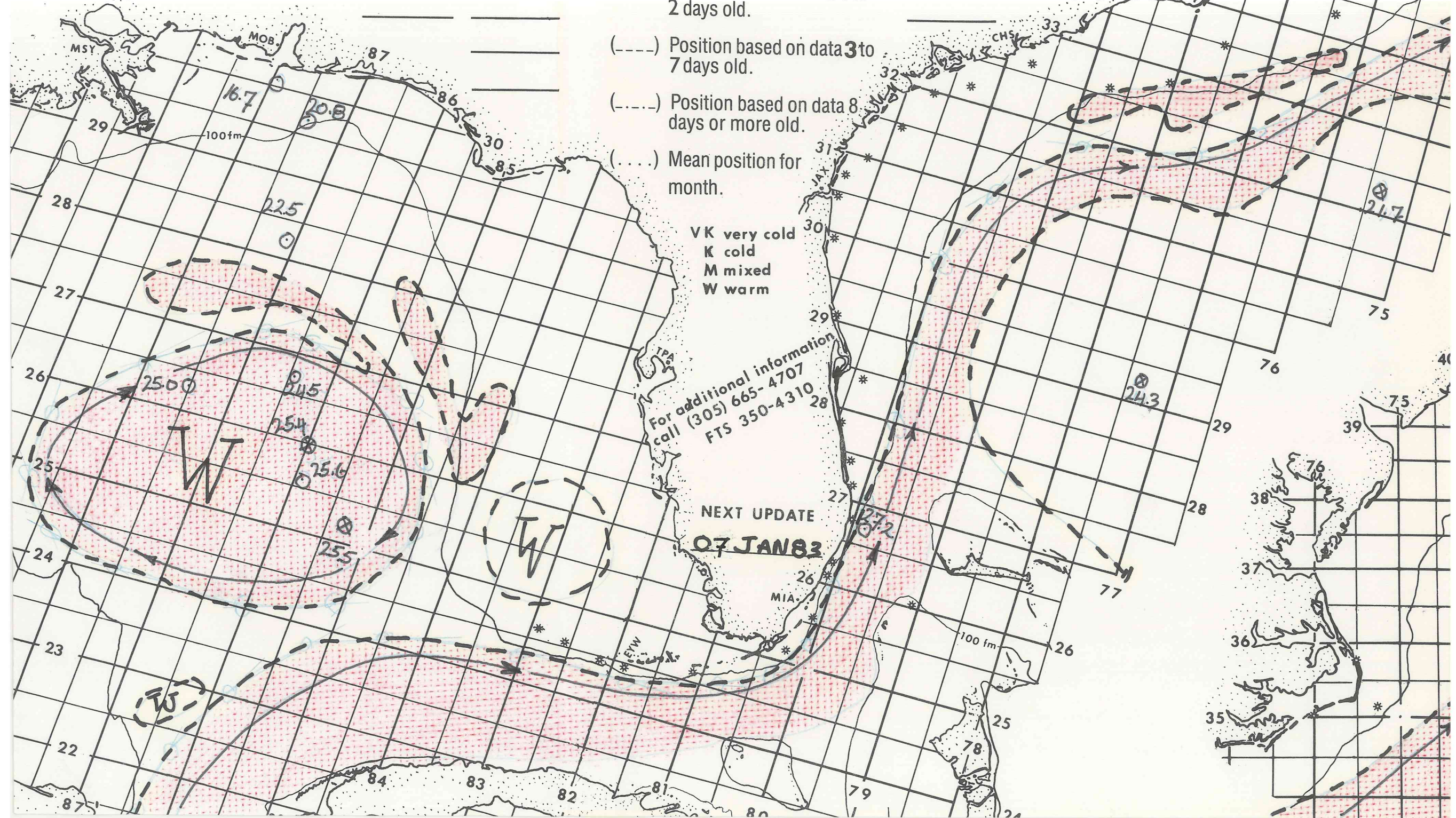
- (——) Position based on data 0 to 2 days old.
- (- - -) Position based on data 3 to 7 days old.
- (- . . .) Position based on data 8 days or more old.
- (. . . .) Mean position for month.

VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE

07 JAN 83



NNNN

1983 JAN -5 AM 10:55

RVZZCZC MIAGLMMIA
IBXX40 KMIA 051545
MIAMI SFSS OCEANOGRAPHIC ANALYSES...05 JAN 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
215864 223862 231858 238852 241844 243830 244818 246808 248803
253801 260800. WARM EDDY OF LOOP CURRENT BOUNDED BY
241876 243883 249888 256888 264880 272869 272864 268850 261847
254845 244850 240860 241875 241876.



..INMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A86/45/M/25. B88/56/M/25. C96/50/M/25. D97/49/M/25. E91/47/M/26.
F77/45/M/26. G57/40/M/26. H28/46/M/26. I35/49/M/26. J20/44/M/26.
K11/41/M/27. L04/50/M/27. M07/51/M/27. N04/44/M/27. O03/37/M/27.
P06/50/M/27. Q10/40/M/27. R08/63/M/27. S10/66/M/27. T12/76/M/27.
U18/80/M/27.
AA74/42/M/25. BB70/41/M/25. CC55/36/M/25. DD57/48/M/25.
EE64/46/M/25. FF95/26/M/25. GG44/31/M/25. HH60/M/M/25.
II34/M/M. JJ72/M/M/24.

.....DATA STATUS.....
A 27 DEC. B 27 DEC. C 27 DEC. D 27 DEC. E 27 DEC.
F 27 DEC. G 27 DEC. H 27 DEC. I 27 DEC. J 29 DEC.
K 24 DEC. L 24 DEC. M 24 DEC. N 27 DEC. O 27 DEC.
P 27 DEC. Q 27 DEC. R 24 DEC. S 24 DEC. T 24 DEC.
U 24 DEC.
AA 29 DEC. BB 29 DEC. CC 29 DEC. DD 29 DEC. EE 27 DEC.
FF 27 DEC. GG 27 DEC. HH 27 DEC. II 27 DEC. JJ 27 DEC.
.....

BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

215863 221863 232858 238852 243835
 244812 248804 253800 260800 ||
 WARM EDDY BOUNDED BY: 242882
 247888 255890 263883 270872 272866
 270857 265849 257846 252846 245850
 242856 240865 242882 ||

NOAA Miami SFSS

Date: 07 JAN 1982

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.

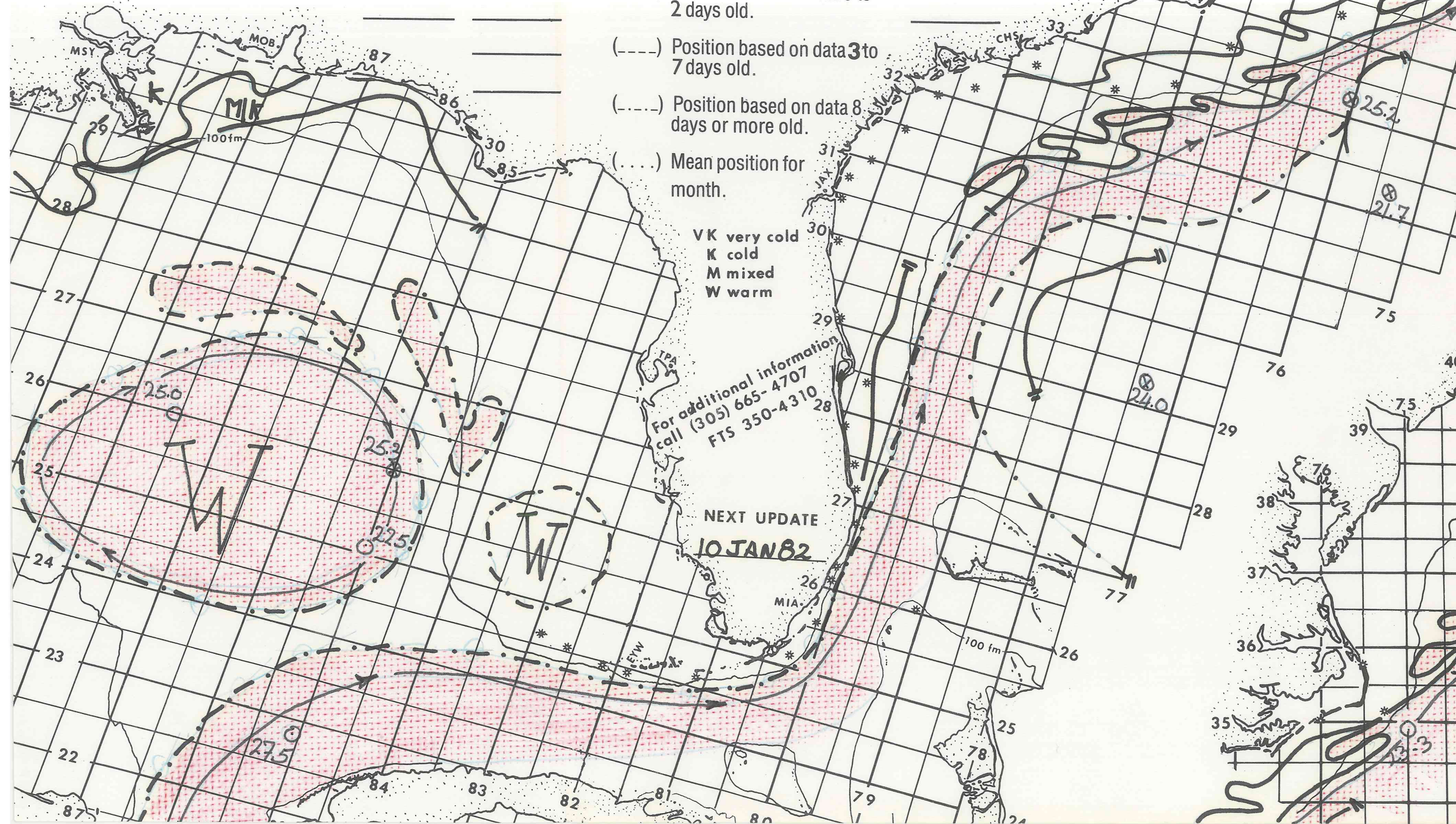
VK very cold
 K cold
 M mixed
 W warm

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

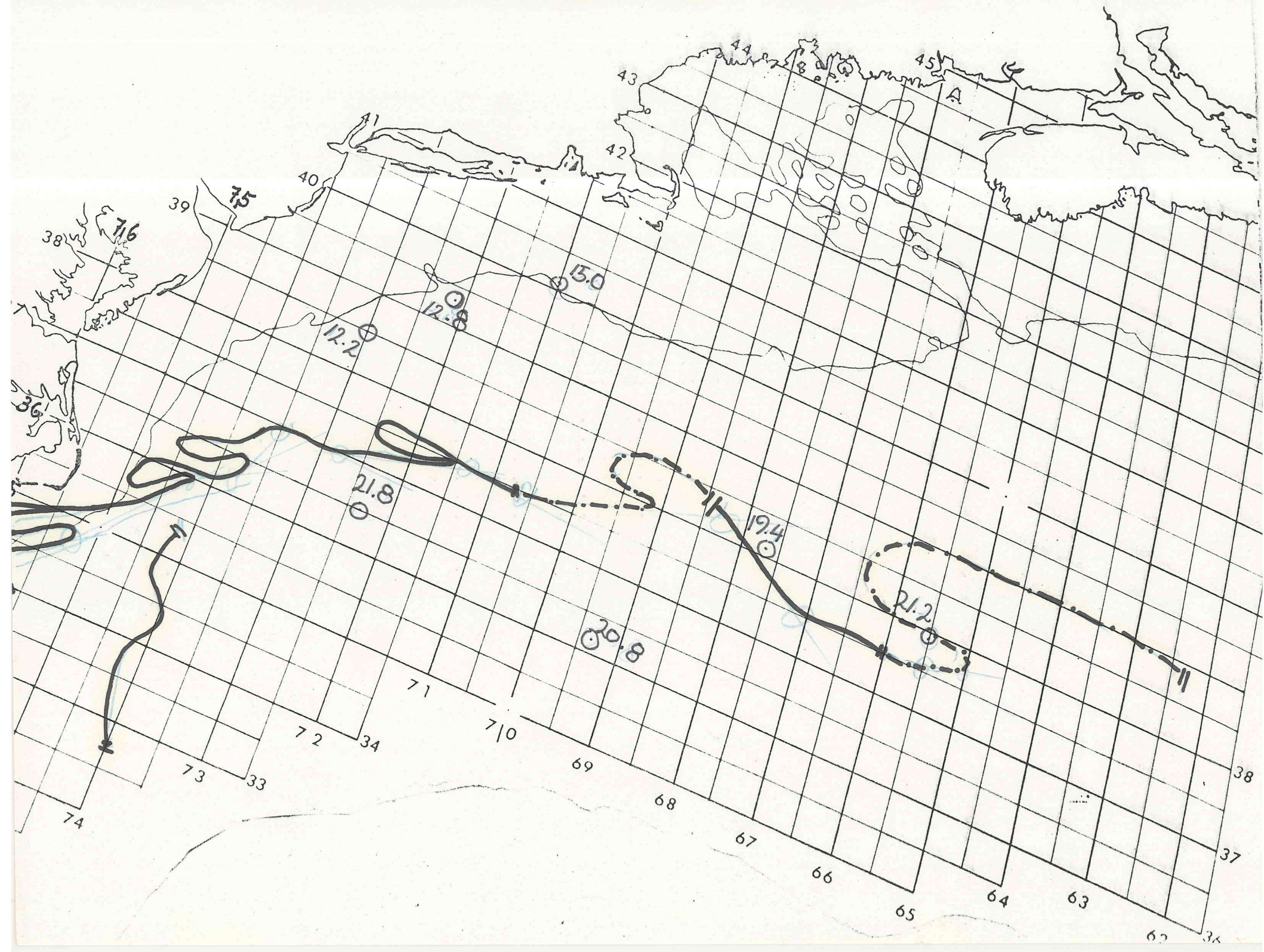
NEXT UPDATE
10 JAN 82

GULF STREAM SYSTEM FLOW CHART # 2450

270799 277799 290800 300800 316792
 317783 325779 329768 340762 348757
 360742 362738 370735 370728 36
 375714 375706 382682 375671
 375655 377650 // 81P



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 07 JAN 1982. PART B



NNNN JA

ZCZC WBC411

SXNT 1 KWBC 072040

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

27.0/79.9	27.7/79.9	29.0/80.0	30.0/80.0
31.6/79.2	31.7/78.1	32.5/77.9	32.9/76.8
34.0/76.0	34.8/75.2	36.0/74.2	36.2/73.8
37.0/73.4	37.1/72.8	37.5/71.4	38.1/70.0
38.3/69.0	38.0/68.0	37.5/66.9	37.6/66.0
37.8/65.4	38.2/65.6	39.0/65.7	39.1/65.0

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

WARM EDDIES 40.8/65.6/45 NMI DIAM.
COLD EDDIES 35.6/65.7/55 NMI DIAM.

LATEST SATELLITE DATA 1/7/83

1983 JAN -7 PM 3:59

NNNN JA

ZCZC WBC413

GULF STREAM SYSTEM FLOW CHART # 2450

WARM EDDY BOUNDED BY:
 236865 238874 245882 252885 268886
 275874 272862 263847 257845 249846
 242852 236865// MAIN LOOP CURRENT:
 215863 223862 232858 238852 240846
 242835 244828 244818 246808 249803
 252801 260800// _____

NOAA Miami SFSS

Date: **10 JAN** 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

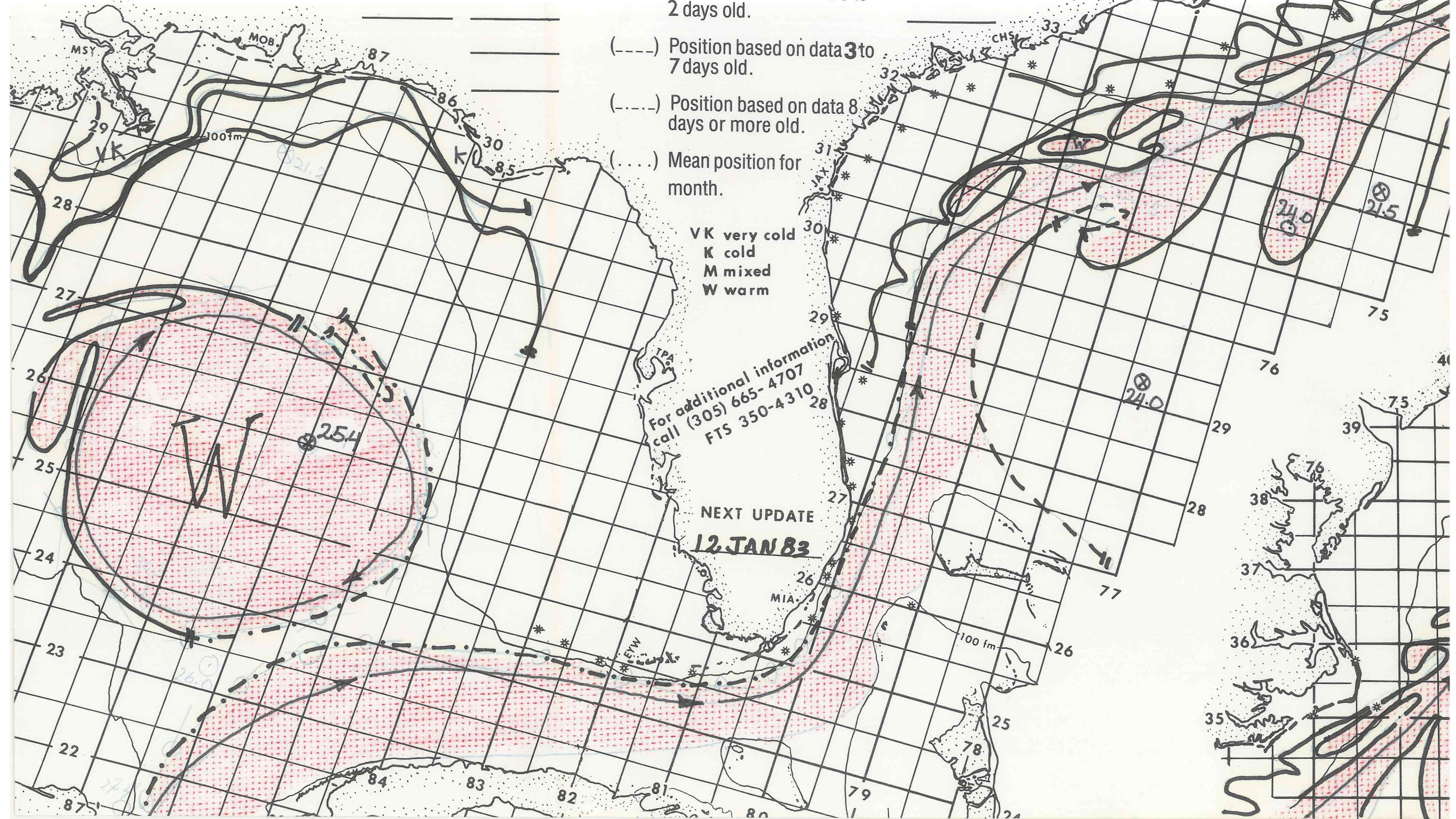
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE
12 JAN 83

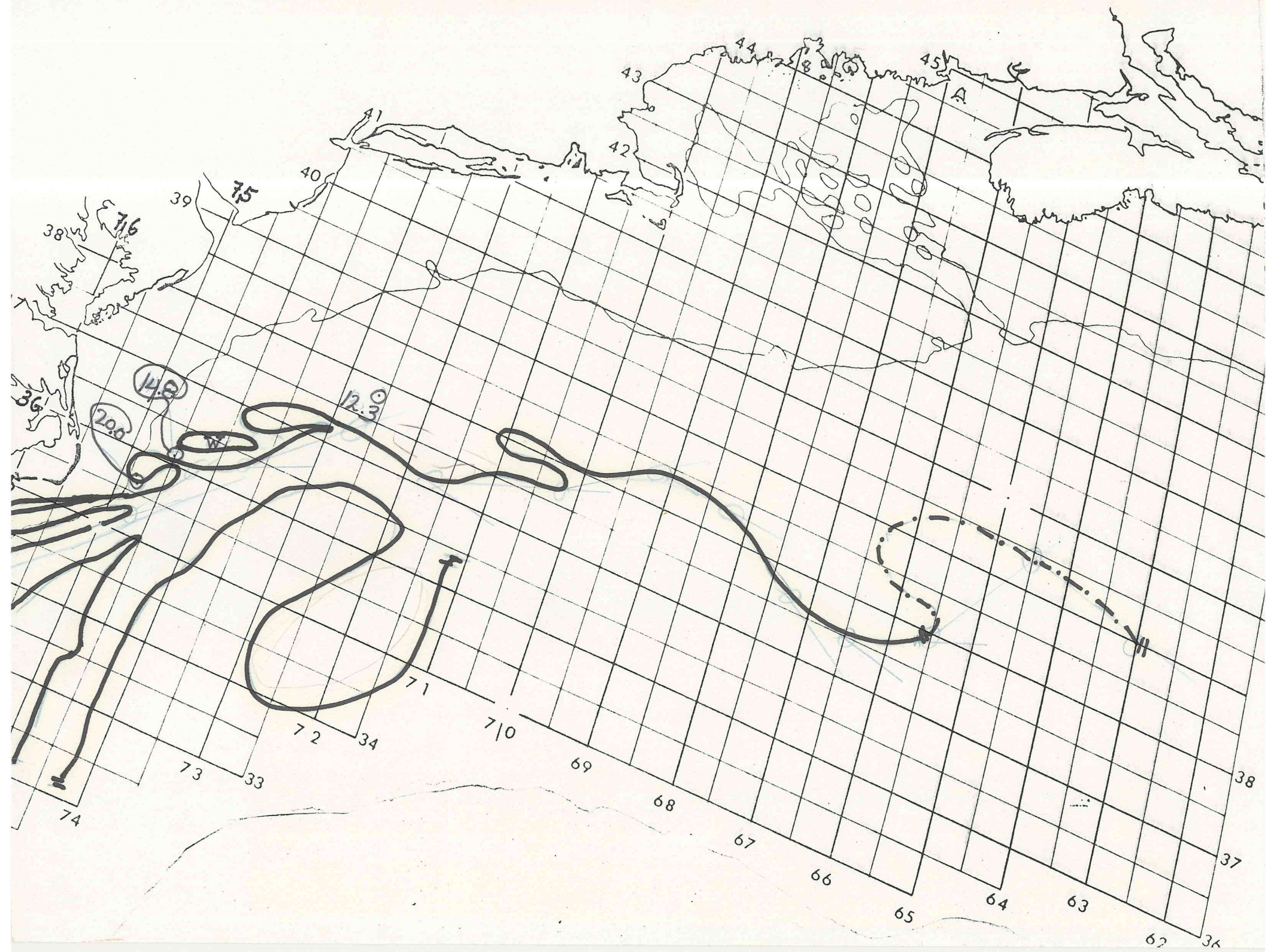
GULF STREAM SYSTEM FLOW CHART # 2450

270800 278799 298801 303800 316789
 317782 320779 328776 330767 340760
 353747 361742 364737 373728 36
 372717 377702 384691 383682
 377672 375665 380655//

SUR



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 10 JAN 1983 PART B



NNNN
ZCZC MIAGLMMIA
TBXX40 KMIA 101815
MIAMI SFSS OCEANOGRAPHIC ANALYSES...10 JAN 1983

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

215863 223862 232858 238852 240846 242835 244828 244818 246808
249803 252801 260800.

WARM EDDY OF LOOP CURRENT BOUNDED BY...

236865 238874 245882 252885 268886 275874 272862 263847 257845
249846 242852 236865.

1983 JAN 10 PM 1:22

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

A95/33/M/25. B87/49/M/25. C105/40/M/25. D114/40/M/25. E95/42/M/26.
F70/48/M/26. G57/40/M/26. H29/48/M/26. I37/52/M/26. J22/45/M/26.
K13/40/M/27. L03/51/M/27. M05/53/M/27. N05/45/M/27. O05/36/M/27.
P09/48/M/27. Q09/40/M/27. R08/54/M/27. S11/59/M/27. T15/69/M/27.
U00/76/M/27.
AA77/40/M/25. BB81/34/M/25. CC59/53/M/25. DD10/65/M/25.
EE45/22/M/25. FF85/60/M/25. GG17/53/M/25. HH43/24/M/25.
II17/20/M/24. JJ54/16/M/24.

.....DATA STATUS.....
A CURRENT B 27 DEC. C CURRENT D CURRENT E CURRENT
F CURRENT G 27 DEC. H 27 DEC. I 27 DEC. J 29 DEC.
K 24 DEC. L 24 DEC. M 24 DEC. N 27 DEC. O 27 DEC.
P 27 DEC. Q 27 DEC. R 24 DEC. S 24 DEC. T 24 DEC.
U 24 DEC.
AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT
NO WIDTH OF STREAM DATA ARE CURRENT.

.....
INSIDE FRONT DATA...60 NM SE OF A...62 NM SE OF B... 69 NM E OF C...
74 NM E OF D...60 NM E OF E...41 NM E OF F...59 NM SE OF AA...48 NM
SE OF BB...18 NM SE OF CC...21 NM SE OF EE...60 NM SE OF FF...22 NM
SE OF HH...NEAR II...AND 54 NM SE OF JJ.

BAIG

NNNN

NNNNJA

ZCZC WBC889

SXNT 1 KWBC 102128

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

27.0/80.0	28.5/80.0	29.8/80.2	30.5/79.8
31.6/79.0	32.0/78.0	32.9/77.0	33.5/76.4
34.3/75.8	35.0/75.4	36.3/74.0	36.8/73.1
37.4/71.8	37.5/70.3	38.1/71.1	38.2/69.8
38.1/68.1	37.6/65.8	39.0/65.0	

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

WARM EDDIES.. 40.8/65.6/45NMI DIAM

COLD EDDIES.. 35.6/65.7/55NMI DIAM

LATEST SATELLITE DATA 1/10/83

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 12 JAN 1983

215863 224861 233857 239849 243833
244814 247814 252801 260800||
WARM EDDY BOUNDED BY:
236865 239875 245881 251885 267886
271876 273863 263852 260848 255846
244850 238859 236865||

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.

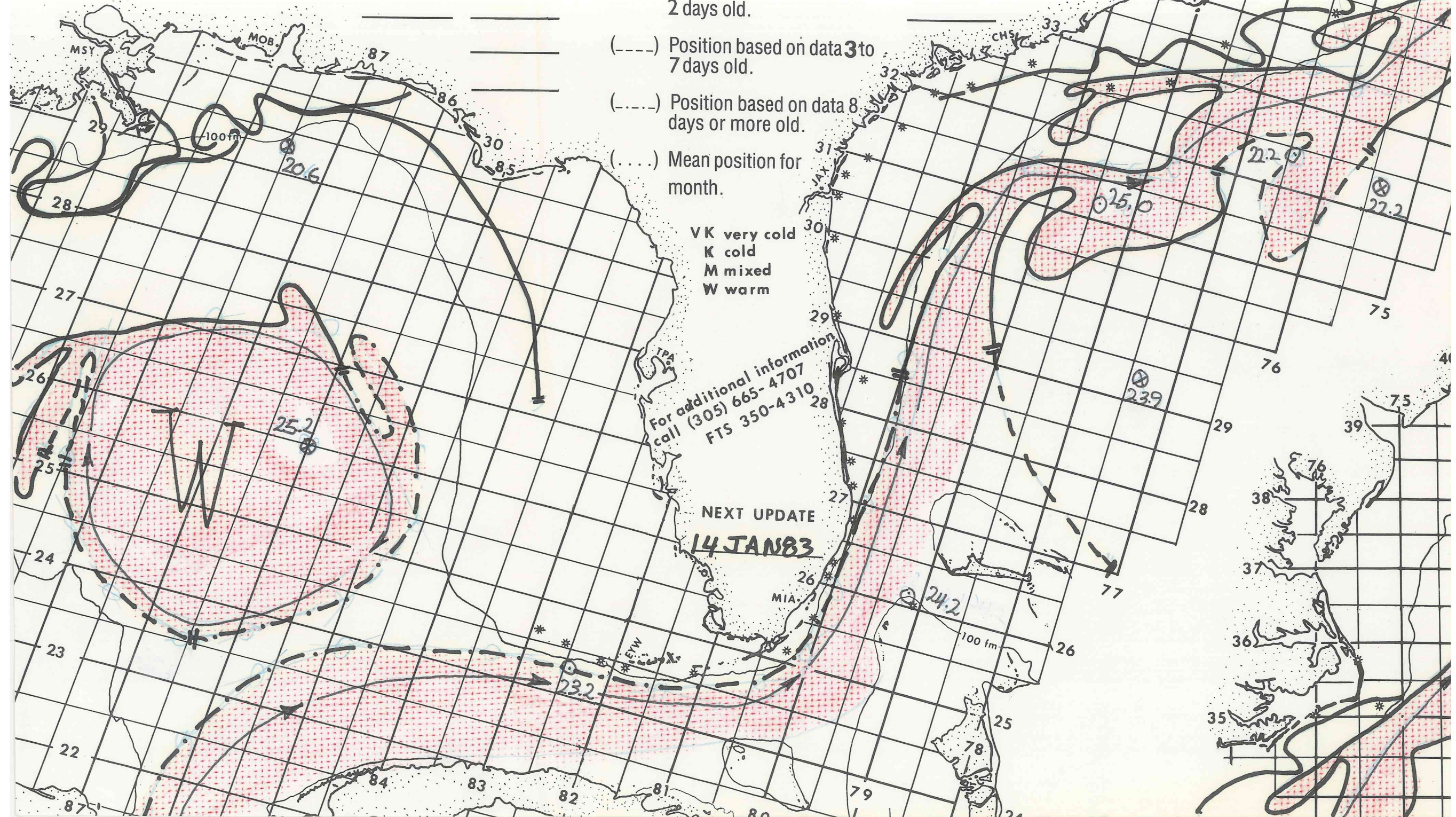
270800 280799 288800 300799 315793
316785 317781 319777 332773 335765
335760 347755 360740 371729 36
369725 370719 377695 384686
376670 376660 380650|| 35

- (—) 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.

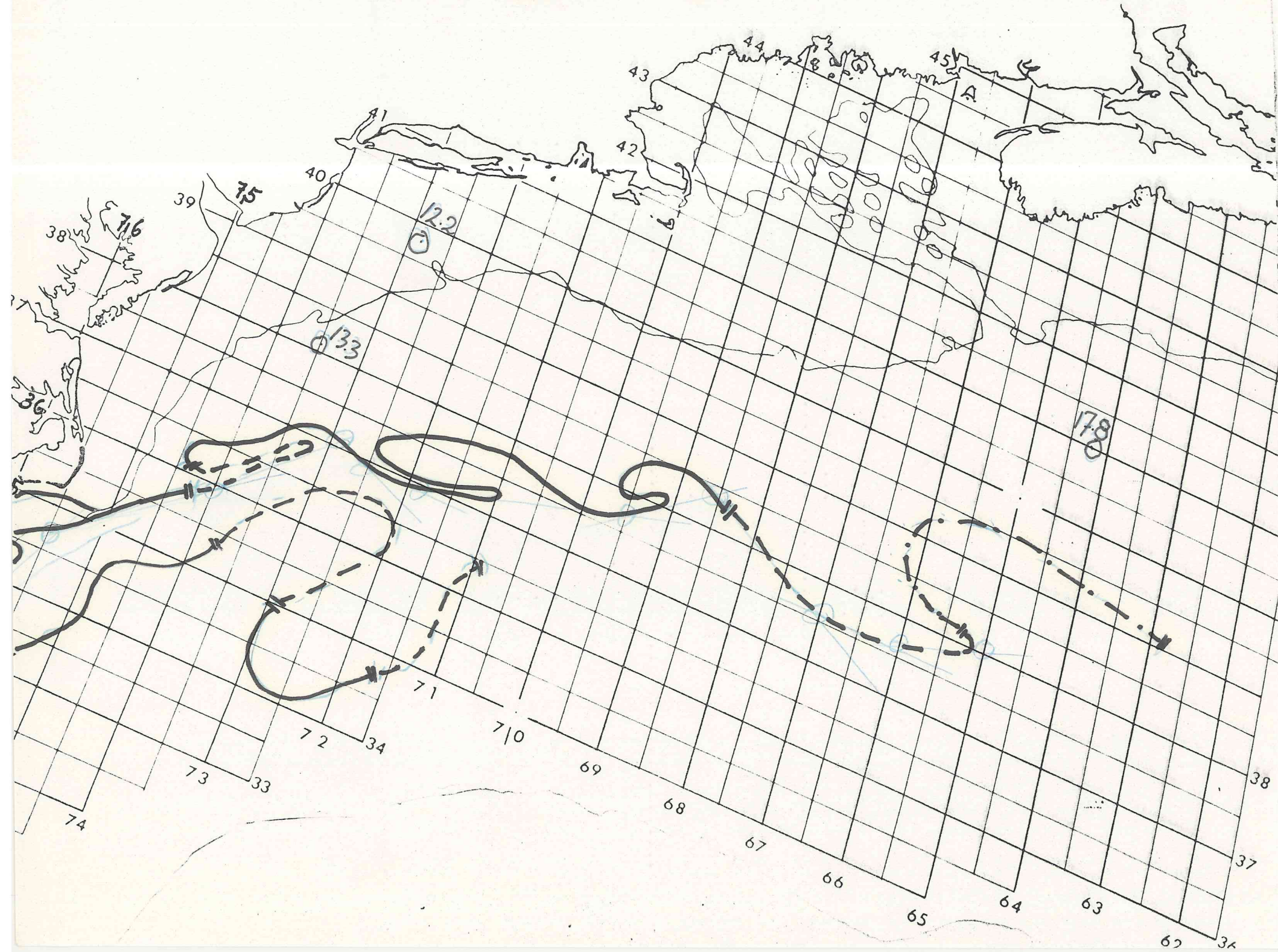
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
14 JAN 83



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 12 JAN 1983 PART B



ZCZC WBC358

TBXX40 KMIA 121700

MIAMI SFSS OCEANOGRAPHIC ANALYSES... 12 JAN 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT... 215863 224861 233857 239849 243833 244814 247814 252801 260848.

WARM EDDY OF LOOP CURRENT BOUNDED BY... 236865 239875 245881 251885 267886 271876 273863 263852 260848 255846 244850 238859 236865.

1983 JAN 12 PM 12:39

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO... A 72/39/M/25. B 94/54/M/25. C 79/40/M/25. D 102/22/M/25. E 101/20/M/26. F 80/36/M/26. G 55/59/M/26. H 29/48/M/26. I 37/52/M/26. J 22/45/M/26. K 13/40/M/27. L 03/51/M/27. M 05/53/M/27. N 05/45/M/27. O 05/36/M/27. P 09/48/M/27. Q 09/40/M/27. R 08/54/M/27. S 11/59/M/27. T 15/69/M/27. U 20/76/M/27. AA 66/26/M/25. BB 85/70/M/25. CC 69/52/M/25. DD 27/41/M/25. EE 20/53/M/25. FF 74/73/M/25. GG 47/35/M/25. HH 30/63/M/25. II 10/33/M/24. JJ 45/40/M/24.

.....DATA STATUS.....
A CURRENT B 27 DEC. C CURRENT D CURRENT E CURRENT
F CURRENT G CURRENT H 27 DEC. I 27 DEC. J 29 DEC.
K 24 DEC. L 24 DEC. M 24 DEC. N 27 DEC. O 27 DEC.
P 27 DEC. Q 27 DEC. R 24 DEC. S 24 DEC. T 24 DEC.
U 24 DEC.
AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....
INSIDE FRONT DATA... 67 NM SE OF B... 78 NM E OF D... 73 NM E OF E...
56 NM E OF F... NEAR AA... 07 AND 44 NM SE OF BB... 06 AND 20 NM NW
OF CC... 08 AND 19 NM NW OF DD... 12 NM SE OF EE... 26 NM SE OF FF...
NEAR AND 05 NM SE OF GG... 07 NM SE OF HH... 07 NM NW OF II... AND
41 NM SE OF JJ.

BAIG

NNNN JA

1983 JAN 12 PM 12:11

GH
ZCZC MIAGLMMIA
TBXX40 KMIA 121700
MIAMI SFSS OCEANOGRAPHIC ANALYSES...12 JAN 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
215863 224861 233857 239849 243833 244814 247814 252801 260800.

WARM EDDY OF LOOP CURRENT BOUNDED BY...
236865 239875 245881 251885 267886 271876 273863 263852 260848
255846 244850 238859 236865.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A 72/39/M/25. B 94/54/M/25. C 79/40/M/25. D 102/22/M/25. E 101/20/M/26.
F 80/36/M/26. G 55/59/M/26. H 29/48/M/26. I 37/52/M/26. J 22/45/M/26.
K 13/40/M/27. L 03/51/M/27. M 05/53/M/27. N 05/45/M/27. O 05/36/M/27.
P 09/48/M/27. Q 09/40/M/27. R 08/54/M/27. S 11279/M/5/69/M/27.
U 07/76/M/27.
AA 66/26/M/25. BB 85/70/M/25. CC 69/52/M/25. DD 27/41/M/25.
EE 20/53/M/25. FF 74/73/M/25. GG 47/35/M/25. HH 30/63/M/25.
II 10/33/M/24. JJ 45/40/M/24.

.....DATA STATUS.....
A CURRENT B 27 DEC. C CURRENT D CURRENT E CURRENT
F CURRENT G CURRENT H 27 DEC. I 27 DEC. J 29 DEC.
K 24 DEC. L 24 DEC. M 24 DEC. N 27 DEC. O 27 DEC.
P 27 DEC. Q 27 DEC. R 24 DEC. S 24 DEC. T 24 DEC.
U 24 DEC.
AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....
INSIDE FRONT DATA...67 NM SE OF B... 78 NM E OF D... 73 NM E OF E...
56 NM E OF F... NEAR AA... 07 AND 44 NM SE OF BB... 06 AND 20 NM NW
OF CC... 08 AND 19 NM NW OF DD... 12 NM SE OF EE... 26 NM SE OF FF...
NEAR AND 05 NM SE OF GG... 07 NM SE OF HH... 07 NM NW OF II AND
41 NM SE OF JJ.

BAIG

NNNN

12400 0 0

NNNN JA
ZCZC WBC521
SXNT1 KWBC 122100
GULF STREAM LOCATION - THE LINE DESCRIBED BY THE FOLLOWING SEQUENCE
OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM..

27.0/80.0	28.0/79.9	28.8/80.0	30.0/79.9
31.5/79.3	31.6/78.5	31.7/78.1	31.9/77.7
33.2/77.3	33.5/76.5	33.5/76.0	34.7/75.5
36.0/74.1	37.0/72.9	36.9/72.5	37.0/71.9
37.5/69.5	38.4/68.6	37.6/67.0	37.5/66.0
38.0/65.1			

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

WARM EDDIES.. 40.8/65.6/45 NMI. DIAM.

COLD EDDIES.. 35.6/65.7/55 NMI. DIAM.

LATEST SATELLITE DATA.. 1/12/83

GULF STREAM SYSTEM FLOW CHART # 2450

215863 222863 229859 235855 244838
 239818 242808 245805 254800 260798//
 WARM EDDY BOUNDED BY: _____
 239866 240874 244881 255888 265888
 275878 275870 272861 259853 252852
 246854 241859 239866// _____

NOAA Miami SFSS

Date: **14 JAN 1983**

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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

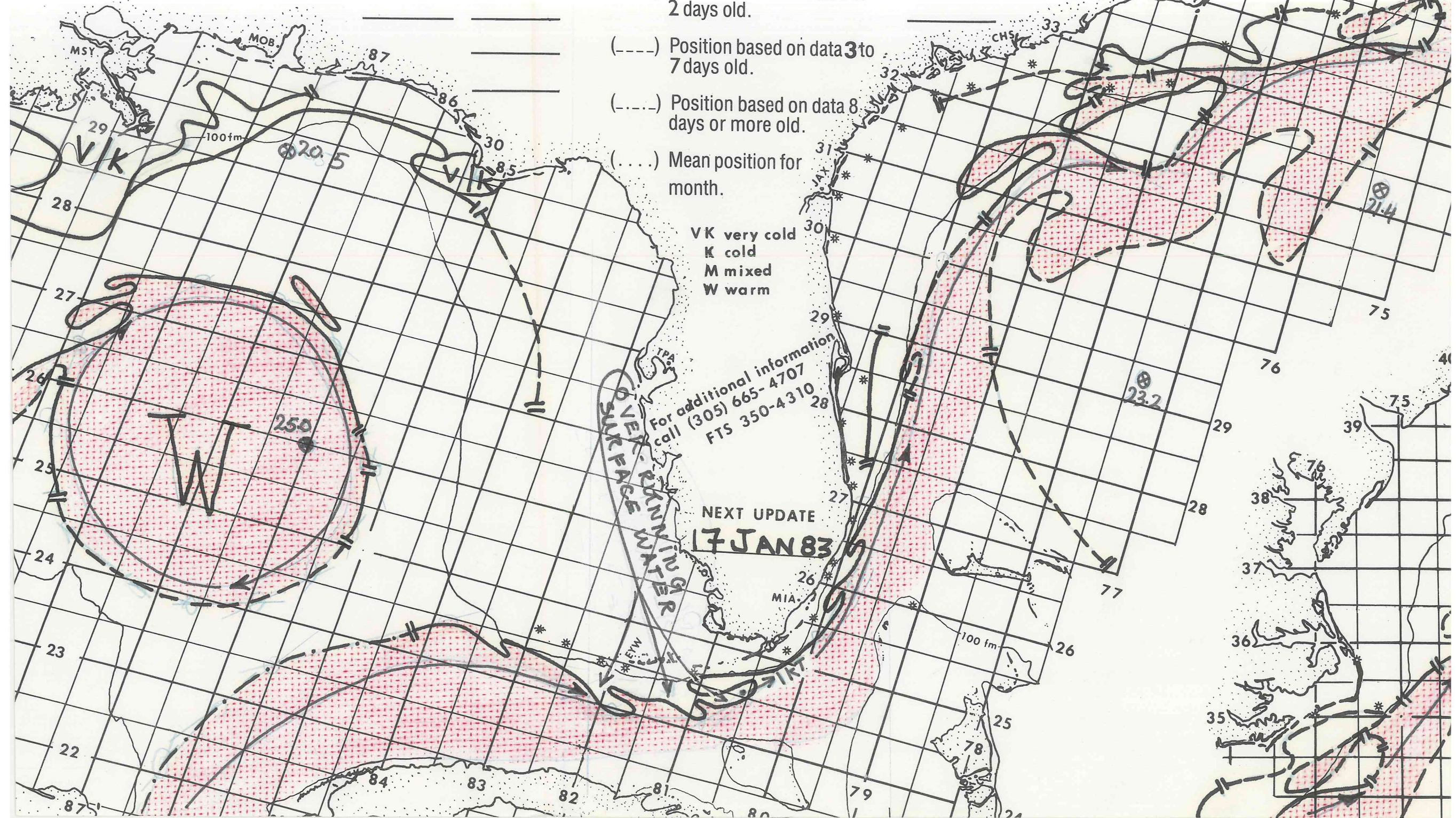
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE

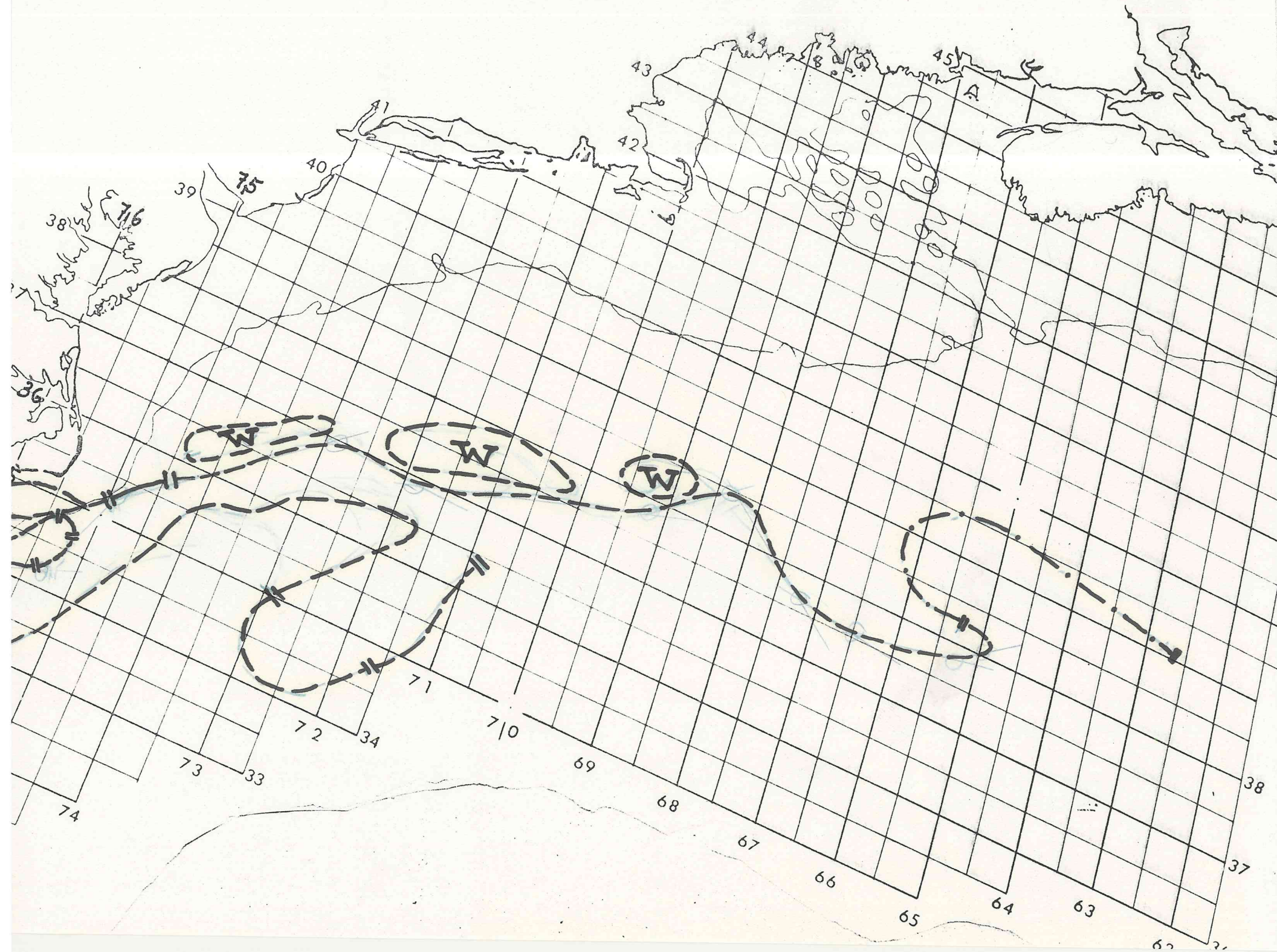
17 JAN 83

GULF STREAM SYSTEM FLOW CHART # 2450

270799 275798 288798 300800 319790
 318785 319778 331773 340760 342753
 353749 369729 369719 379691
 385683 376672 375665 378652
 380650// SAD



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



NNNN JA

ZCZC WBC 126

SXNT 1 KWBC 142100

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

27.0/79.9	27.5/79.8	28.8/79.9	30.0/80.0
31.9/79.0	31.8/78.5	31.9/77.8	33.2/77.3
34.0/76.0	34.2/75.3	35.0/75.3	36.9/72.9
36.9/71.9	37.9/69.1	38.5/68.3	37.7/67.2
37.5/66.5	37.8/65.2	38.0/65.0	

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

WARM EDDIES 40.8/60.8/80 NMI DIAM.

COLD EDDIES 35.6/65.7/55 NMI DIAM.

LATEST SATELLITE DATA 141483

ANN BELL

1983 JAN 14 PM 1:21

IFMZCZC MIAGLMMIA
TBXX40 KMIA 141745
MIAMI SFSS OCEANOGRAPHIC ANALYSES...14 JAN 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
215863 222863 229859 235855 244838 239818 242808 245805 254800
260798.
WARM EDDY OF LOOP CURRENT BOUNDED BY...
239866 240874 244881 255888 265888 275878 275870 272861 259853
252852 246854 241859 239866.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A92/17/M/25. B93/49/M/25. C102/17/M/25. D106/17/M/25. E97/20/M/26.
F80/34/M/26. G55/57/M/26. H33/50/M/26. I40/53/M/26. J26/43/M/26.
K16/35/M/27. L07/46/M/27. M15/45/M/27. N11/37/M/27. O11/29/M/27.
P07/57/M/27. Q26/21/M/27. R32/36/M/27. S23/50/M/27. T17/73/M/27.
U18/83/M/27.
AA74/19/M/25. BB62/90/M/25. CC67/52/M/25. DD36/35/M/25.
EE20/51/M/25. FF68/80/M/25. GG26/59/M/25. HH62/32/M/25.
II09/44/M/24. JJ45/42/M/24.

.....DATA STATUS.....
A CURRENT B CURRENT C CURRENT D CURRENT E 12 JAN.
F 12 JAN. G 12 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 12 JAN. DD 12 JAN. EE CURRENT
FF CURRENT GG CURRENT HH 12 JAN. II 12 JAN. JJ CURRENT

.....
INSIDE FRONT DATA...52 NM SE OF A... 45 NM SE OF AA...42 NM SE OF
BB...09 NM NW OF CC...09 NM NW OF DD...09 NM SE OF GG...AND 28 NM
SE OF HH.
NUMEROUS PATCHES OF OVERRUNNING SURFACE WATER ARE OBSERVED ALONG
THE SHOREWARD EDGE OF THE GULFSTREAM BETWEEN L AND T. THE PATCHES
ARE MOVING DOWNSTREAM AT APPROXIMATELY ONE KNOT.

BAIG /WHITE

5

NNNN

NNNN

JA

ZCZC WBC403

SXNT1 KWBC 152000

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

27.0/80.0	29.5/80.0	29.8/80.1	31.6/79.6
31.6/78.8	31.9/78.2	32.6/77.6	33.1/77.1
33.9/76.1	34.9/75.2	36.0/74.2	36.5/73.0
37.5/71.5	37.9/70.0	38.1/67.7	38.4/66.0
39.3/65.0			

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

WARM EDDIES 41.7/51.5/75 NMI. DIAM@ 41.5/61.0/50 NMI. DIAM@
41.6/64.6/60 NMI. DIAM@

39.9/62.3/65 NMI. DIAM. 37.9/73.5/45 NMI@.DIAM@

COLD EDDIES 36.5/65.9/75 NMI. DIAM.

LATEST SATELLITE DATA 11/15/82

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 17 JAN 19 83

225865 230866 238866 240868 238873
239877 242881 240886 242888 250889
262889 265890 271882 273878 273867
268860 261855 254852 248854 246852
244847 240847 238845 241836 240830
241823 241820 240816 241809 243806
246805 248803

270798 280798 288799 300800 310795
314790 318783 319778 325776 331773
338760 343752 351750 361740 361740
369733 373727 371713 376696
384680 380673 376670
376661 380650 // U.S.W.

Depicted land should not be used for navigation.

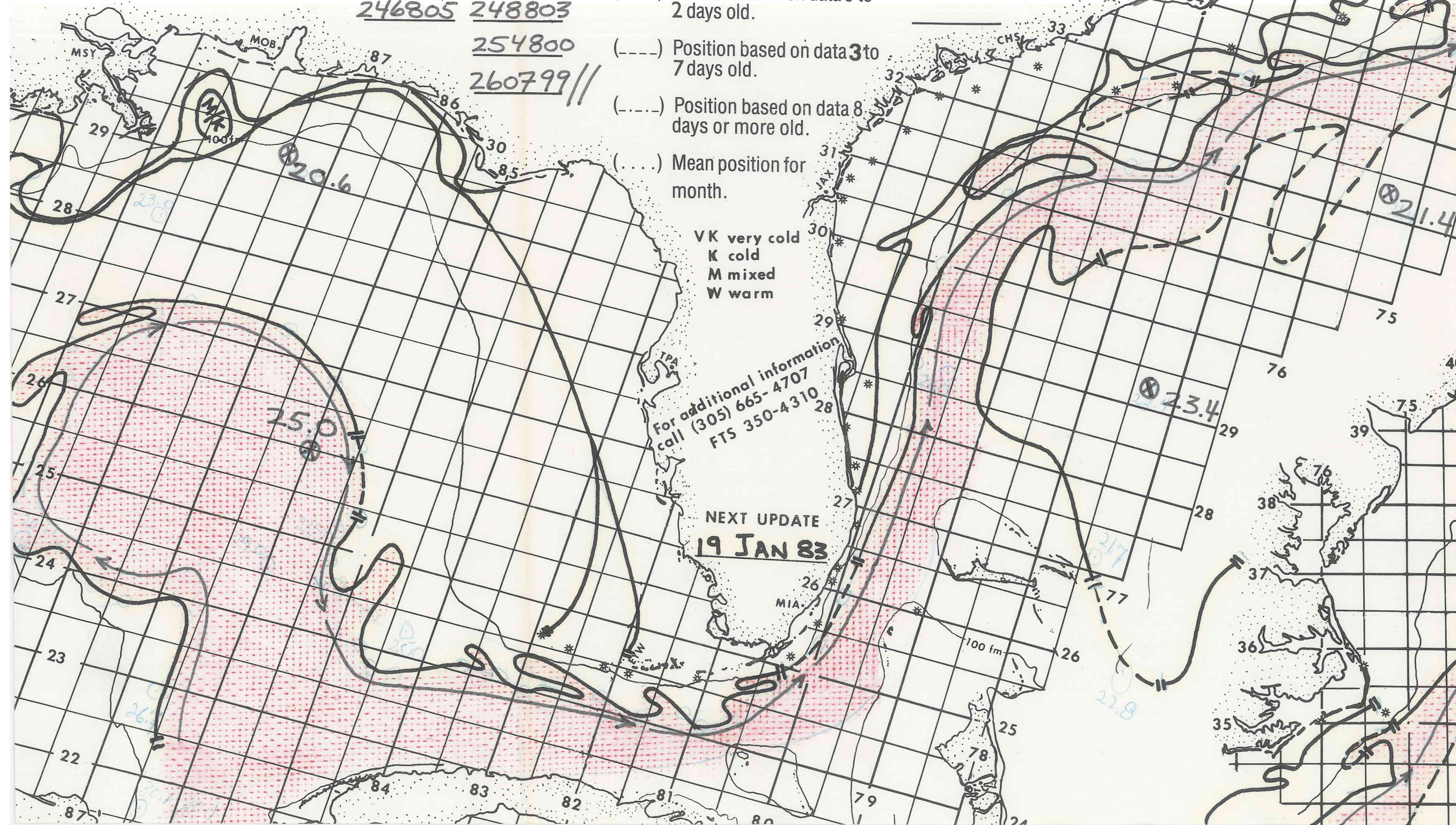
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

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

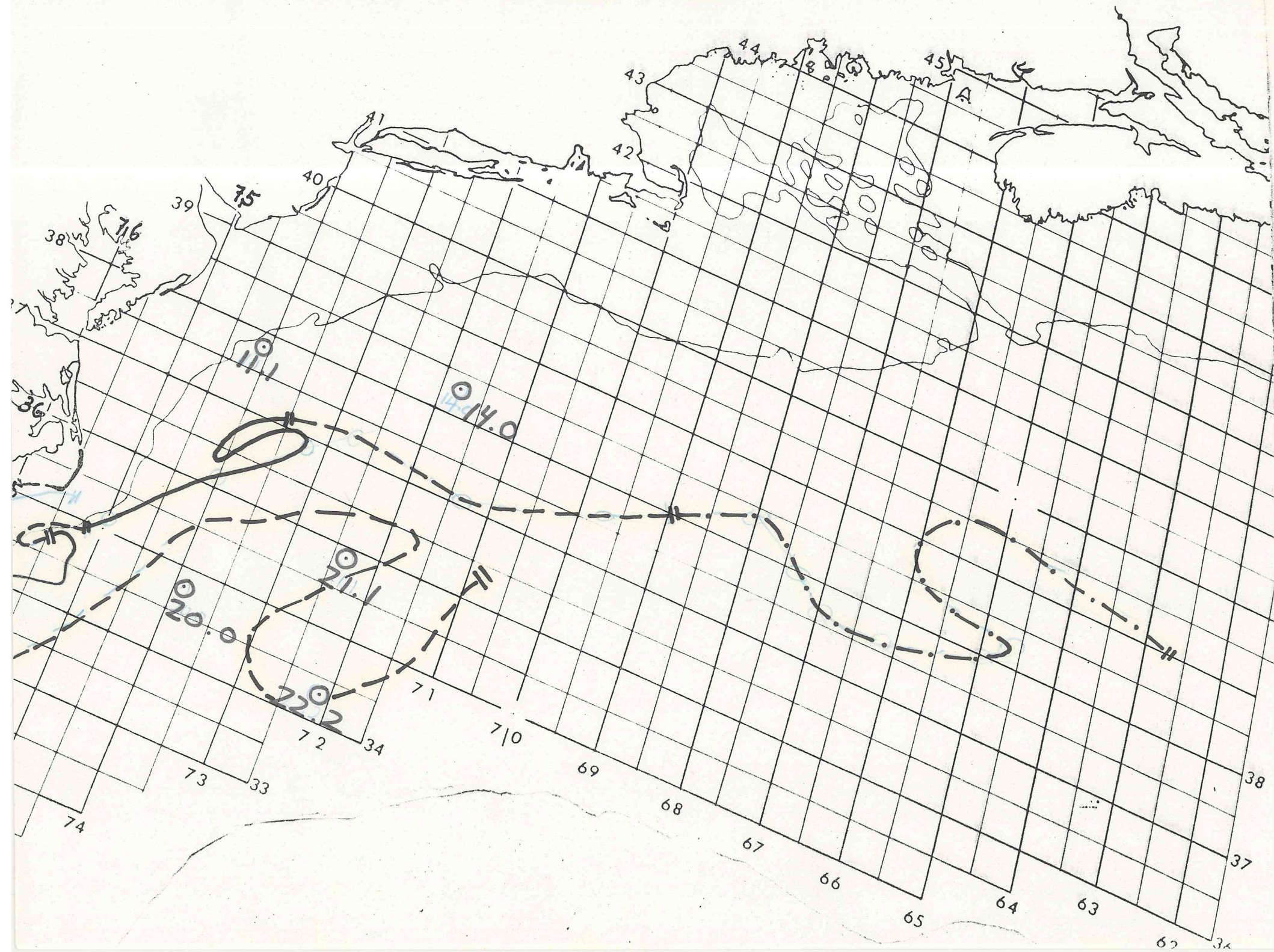
VK very cold
 K cold
 M mixed
 W warm

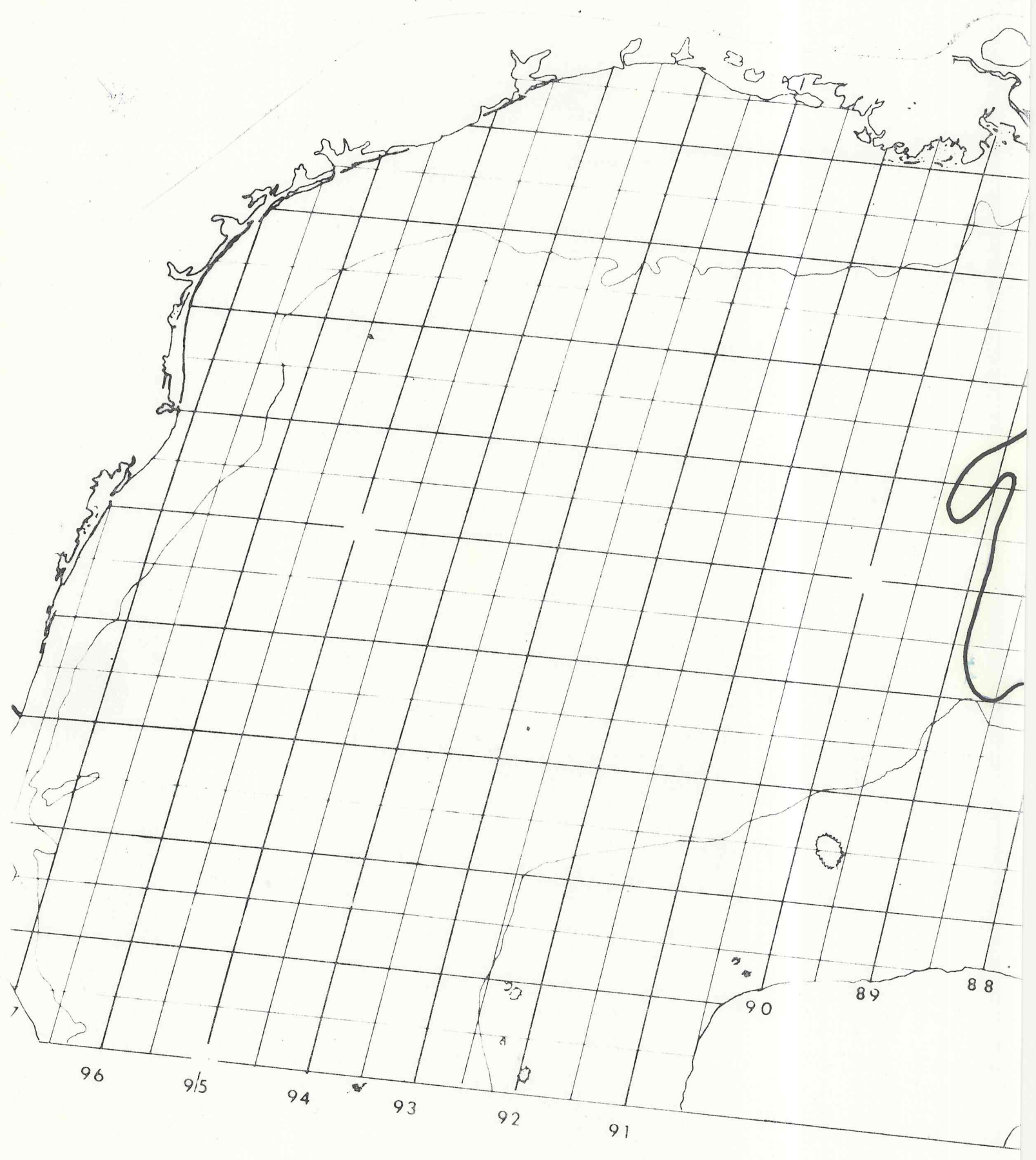
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE
19 JAN 83



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 17 JAN 19 **83** PART B





NNNN

1983 JAN 17 PM 2:24

ZCZC MIAGLMMIA
TBXX40 KMIA 171900
MIAMI SFSS OCEANOGRAPHIC ANALYSES...17 JAN 1983 COR

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
225865 230866 238866 240868 238873 239877 242881 240886 242888
250889 262889 265890 271882 273878 273867 268860 261855 254852
248854 246852 244847 240847 238845 241836 240830 241823 241820
240816 241809 243806 246805 248803 254800 260799.

*71-76 on reefs
dolphin yellowtail
deep reef fish*

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A89/32/M/25. B89/47/M/25. C102/123/M/25. D103/36/M/25. E94/35/M/26.
F75/40/M/26. G59/43/M/26. H34/47/M/26. I44/46/M/26. J27/40/26.
K19/35/M/27. L10/45/M/27. M12/46/M/27. N11/40/M/27. O08/35/M/27.
P06/49/M/27. Q35/16/M/27. R24/49/M/27. S18/62/M/27. T31/60/M/27.
U41/58/M/27.
AA78/30/M/25. BB85/61/M/25. CC63/55/M/25. DD31/45/M/25.
EE25/49/M/25. FF58/57/M/25. GG34/51/M/25. HH65/26/M/25.
II13/42/M/24. JJ45/38/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 14 JAN.
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....
INSIDE FRONT DATA...57 NM SE OF A...66 NM E OF C...15 NM S OF I...
15 NM S OF U...45 NM SE OF AA...60 NM SE OF BB...INSIDE FRONT IS AT
CC...9 NM NW OF DD...27 NM SE OF HH.

BAIG/WHITE

NNNN#A

ZCZC WBC541

SXNT1 KWBC 172100

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

27.0/79.8 28.0/79.8 28.8/79.9 30.0/80.0

31.0/79.5 31.4/79.0 31.8/78.3 31.9/77.8

32.5/77.6 33.1/77.3 33.8/76.0 34.3/75.9

35.1/75.0 36.1/74.0 36.9/73.3 37.3/72.7

37.1/71.0 37.6/69.4 38.4/68.0 38.0/67.3

38.0/67.0 37.9/66.1 38.0/65.0

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

WARM EDDIES 40.8/60.8/80NMI. DIAM.

COLD EDDIES NONE DISCERNIBLE

LATEST SATELLITE DATA 01/17/83

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 19 JAN 1983

217861 226861 240867 243883 266888
 271880 277877 278866 269860 262859
 257860 244851 239844 239837 241825
 241815 248806 246803 251800 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.

270797 275796 288800 295799 305801
 313792 316790 317785 315779 317776
 324775 340764 350753 355745 361736
 366736 367731 372722 370711
 385680 376664 376656
 379650 // SLIP WNW

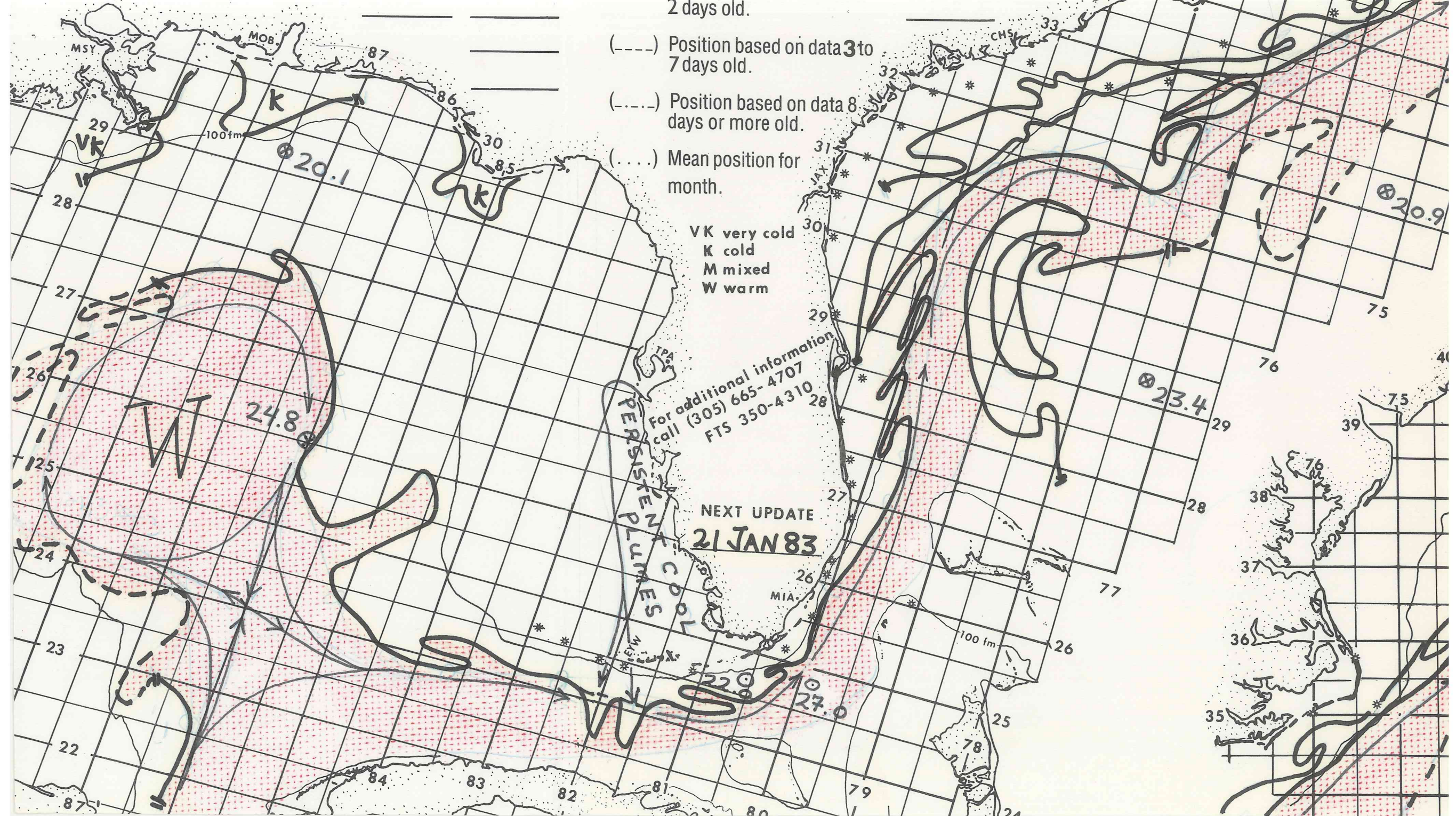
- (——) Position based on data 0 to 2 days old.
- (---) Position based on data 3 to 7 days old.
- (- - - -) Position based on data 8 days or more old.
- (.....) Mean position for month.

VK very cold
 K cold
 M mixed
 W warm

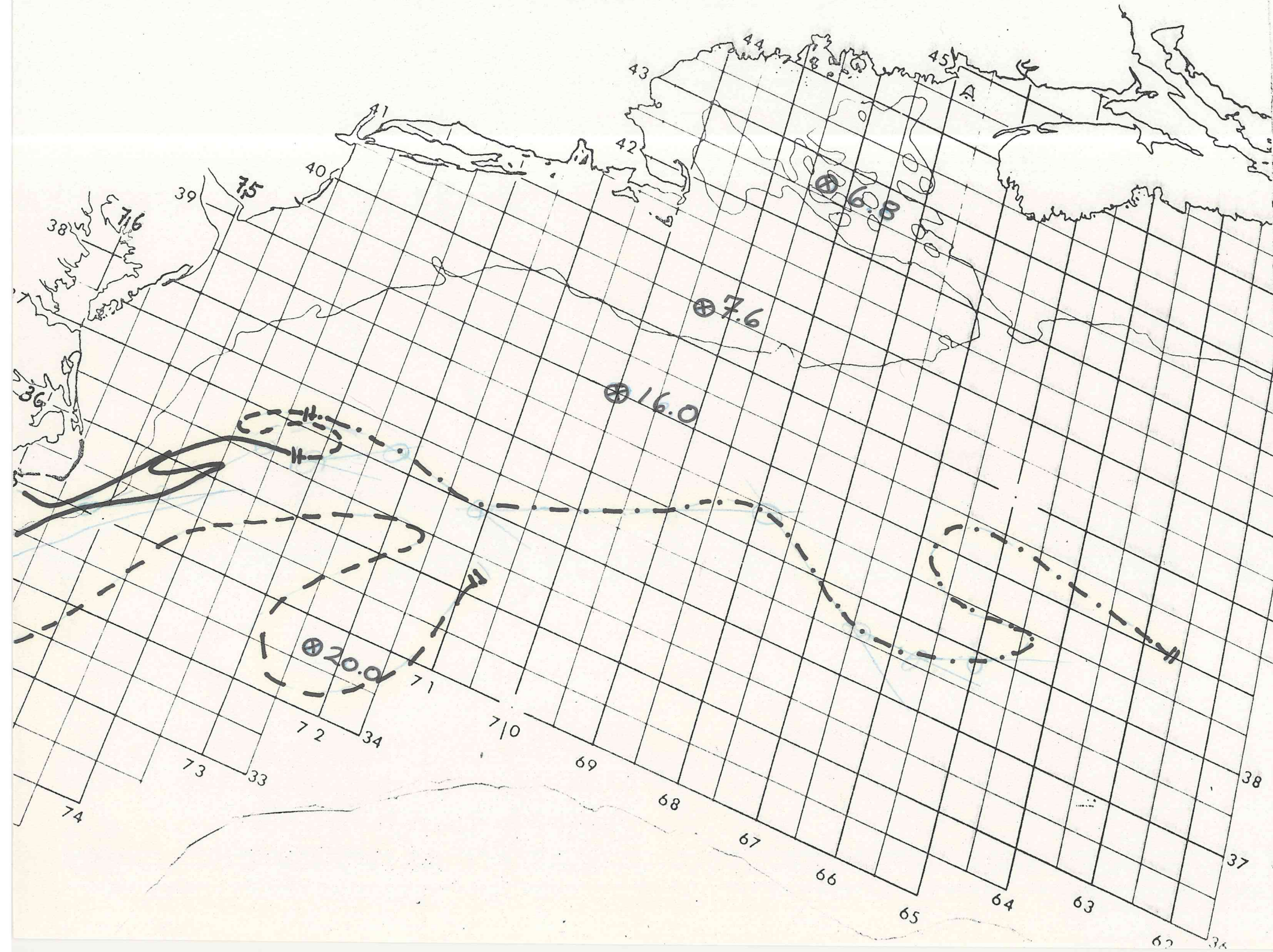
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE
21 JAN 83

PERSISTENT PLUMES
 COOL



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 19 JAN 1983 PART B



NNNN#A

ZCZC WBC213

SXNT1 KWBC 192109

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

27.0/79.7	27.5/79.6	28.8/80.0	29.5/79.9
30.5/80.1	31.3/79.2	31.6/79.0	31.7/78.5
31.5/77.9	31.7/77.6	32.4/77.5	34.0/76.4
35.0/75.3	35.5/74.5	36.6/73.6	36.6/73.1
37.2/72.2	37.0/71.1	38.4/68.0	37.6/66.4
37.6/65.6	38.0/65.0		

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

WARM EDDIES 40.5/63.5/70 NMI DIAM.

COLD EDDIES NONE DISCERNIBLE

LATEST SATELLITE DATA 1 19 83

ANN BELL

NNNN

1983 JAN 19 PM 1:31

RH

ZCZC MIAGLMMIA
TBXX40 KMIA 191815
MIAMI SFSS OCEANOGRAPHIC ANALYSES...19 JAN 1983

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

217861 226861 240867 243883 266888 271880 277877 278866 269860
262859 257860 244851 239844 239837 241825 241815 248806 246803
251800 260800.

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

A74/34/M/25. B72/47/M/25. C82/41/M/25. D85/37/M/25. E76/39/M/26.
F75/25/M/26. G57/39/M/26. H30/56/M/26. I50/40/M/26. J37/30/M/26.
K30/26/M/27. L19/38/M/27. M14/43/M/27. N10/35/M/27. O04/38/M/27.
P11/41/M/27. Q32/18/M/27. R24/42/M/27. S25/47/M/27. T25/60/M/27.
U32/61/M/27.
AA65/32/M/25. BB83/85/M/25. CC88/47/M/25. DD47/45/M/25.
EE44/28/M/25. FF66/50/M/25. GG16/71/M/25. HH35/60/M/25.
II09/50/M/24. JJ45/43/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...67 AND 27 NM SE OF A...54 AND 16 NM SE OF B...
67 AND 42 NM E OF C...65 AND 31 NM E OF D...55 NM E OF E...55 NM E
OF F...24 AND 48 NM E OF G...15 NM E OF H...31 NM E OF I...14 NM SE
OF Q...53 AND 21 NM SE OF AA...49 AND 20 SE OF BB...05 NM SE OF CC
...05 AND 18 NM NW OF DD...27 AND 13 NM SE OF EE...36 NM SE OF FF
...07 NM SE OF GG...11 NM SE OF HH...AN INSIDE FRONT AT II...32 NM
SE OF JJ.

NUMEROUS MEANDERS ALONG THE SHOREWARD EDGE OF THE GULFSTREAM ARE
OBSERVED BETWEEN O AND U...AND BETWEEN F AND J.

BAIG /WHITE

GULF STREAM SYSTEM FLOW CHART # 2450

217861 227861 240867 241881 243889
 260888 268885 273878 278875 275865
 265859 255860 245852 239842 239837
 241830 240818 242806 247802 252800
 260800//

NOAA Miami SFSS

Date: **21 JAN 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.

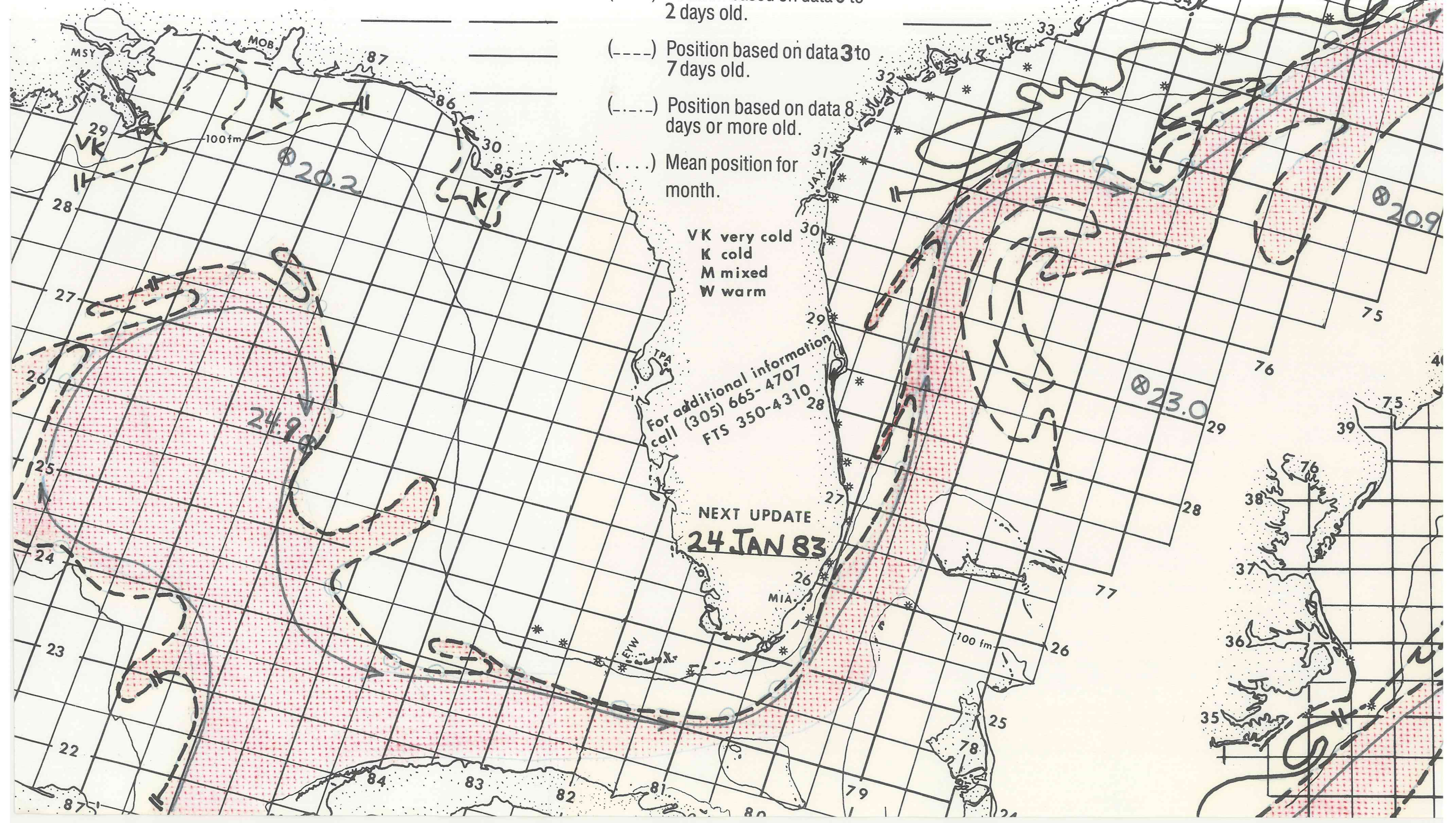
VK very cold
 K cold
 M mixed
 W warm

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

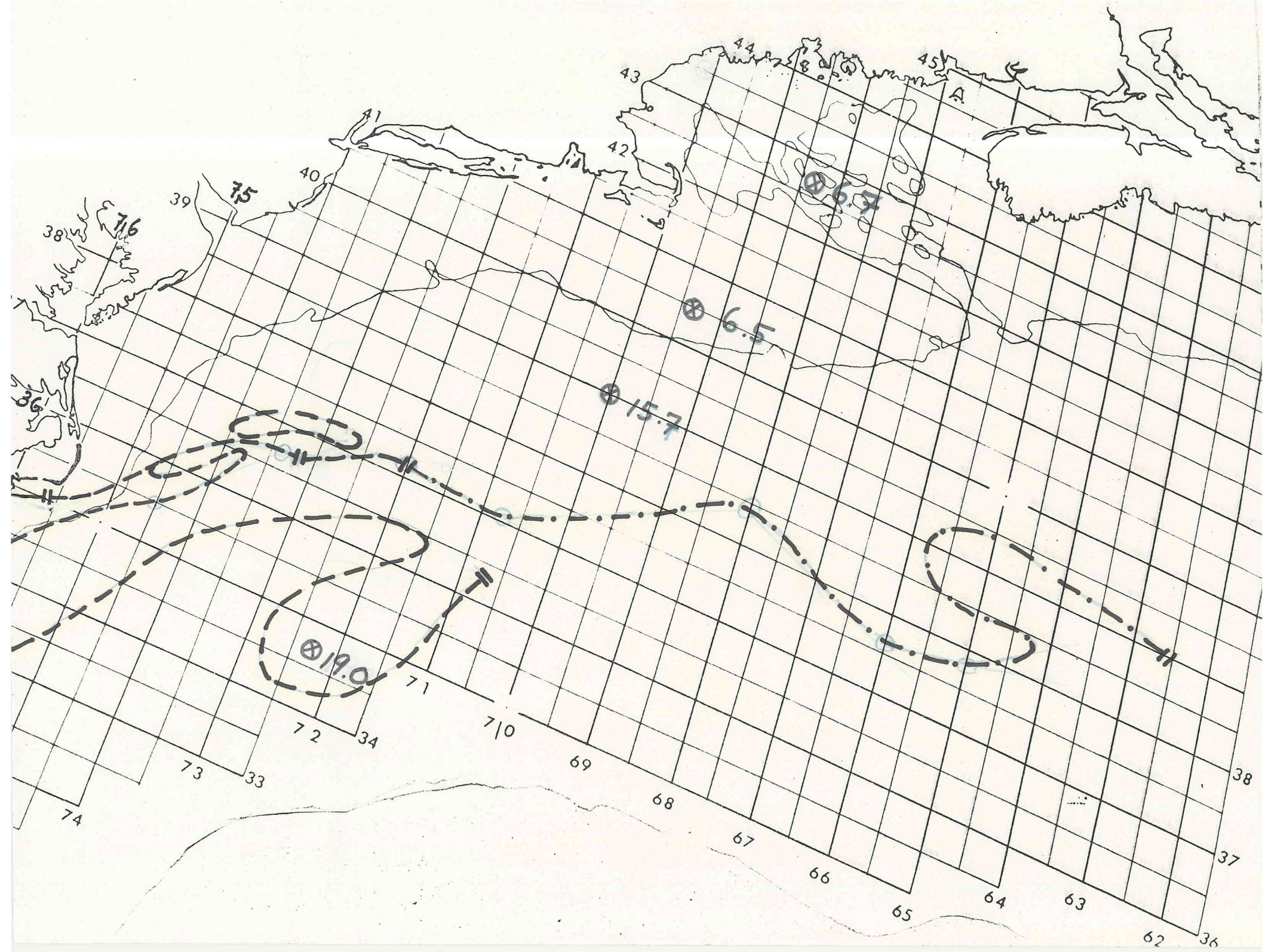
NEXT UPDATE
24 JAN 83

GULF STREAM SYSTEM FLOW CHART # 2450

270797 275796 284798 302800 306800
 314795 317785 316778 320775 326774
 331769 340763 355745 367734
 371720 370707 384680 376660
 378650// 4 1/2 w



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



IFMZCZC MIAGLMMIA
TBXX40 KMIA 211815
MIAMI SFSS OCEANOGRAPHIC ANALYSES...21 JAN 1983.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
217861 227861 240867 241881 243889 260888 268885 273878 278875
275865 265859 255860 245852 239842 239837 241830 240818 242806
247802 252800 260800.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A77/33/M/25. B76/43/M/25. C87/39/M/25. D89/37/M/25. E81/39/M/26.
F76/25/M/26. G61/34/M/26. H33/53/M/26. I51/38/M/26. J38/32/M/26.
K28/27/M/27. L16/39/M/27. M08/45/M/27. N07/41/M/27. O06/36/M/27.
P17/39/M/27. Q37/14/M/27. R29/39/M/27. S27/45/M/27. T31/56/M/27.
U34/61/M/27.
AA69/30/M/25. BB82/87/M/25. CC86/52/M/25. DD49/40/M/25.
EE48M297. FF67/58/M/25. GG18/75/M/25. HH38/61/M/25.
II11/57/M/24. JJ58/49/M/24.

.....DATA STATUS.....
A 19 JAN. B 19 JAN. C 19 JAN. D 19 JAN. E 19 JAN.
F 19 JAN. G 19 JAN. H 19 JAN. I 19 JAN. J 19 JAN.
K 19 JAN. L 19 JAN. M 19 JAN. N 119 JAN. O 19 JAN.
P 19 JAN. Q 19 JAN. R 19 JAN. S 19 JAN. T 19 JAN.
U 19 JAN.
AA 19 JAN. BB 19 JAN. CC 19 JAN. DD 19 JAN. EE 19 JAN.
FF 19 JAN. GG 19 JAN. HH 19 JAN. II 19 JAN. JJ 19 JAN.

.....
INSIDE FRONT DATA...NONE OBSERVED.

BAIG/WHITE

NNNE KME KME KME KME KME KME KME KME KME KME KME KME KME KME KME KME KME

ZCZC

SXNT1 KWBC 212105

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

27.0/79.7 27.5/79.6 28.4/79.8 30.2/80.0

30.6/80.0 31.4/79.5 31.7/78.5 31.6/77.8

32.0/77.5 32.6/77.4 33.1/76.9 34.0/76.3

35.5/74.5 36.7/73.4 37.1/72.0 37.1/70.7

38.4/68.0 37.7/66.0 37.8/65.0

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

WARM EDDIES 40.5/63.5/70 NMI. DIAM.

COLD EDDIES NONE DISCERNIBLE

LATEST SATELLITE DATA 1/21/83

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 24 JAN 1983

216861 226863 232860 235862 236872
 243883 246892 247903 251905 258894
 264891 272875 266859 256859 251857
 242866 243857 239846 239835 240827
 240820 243807 246801 251800 260800

270799 279799 291800 305800 311797
 318789 321773 339764 349752 360745
 366737 370722 379712 377704

Depicted land should not be used for navigation.

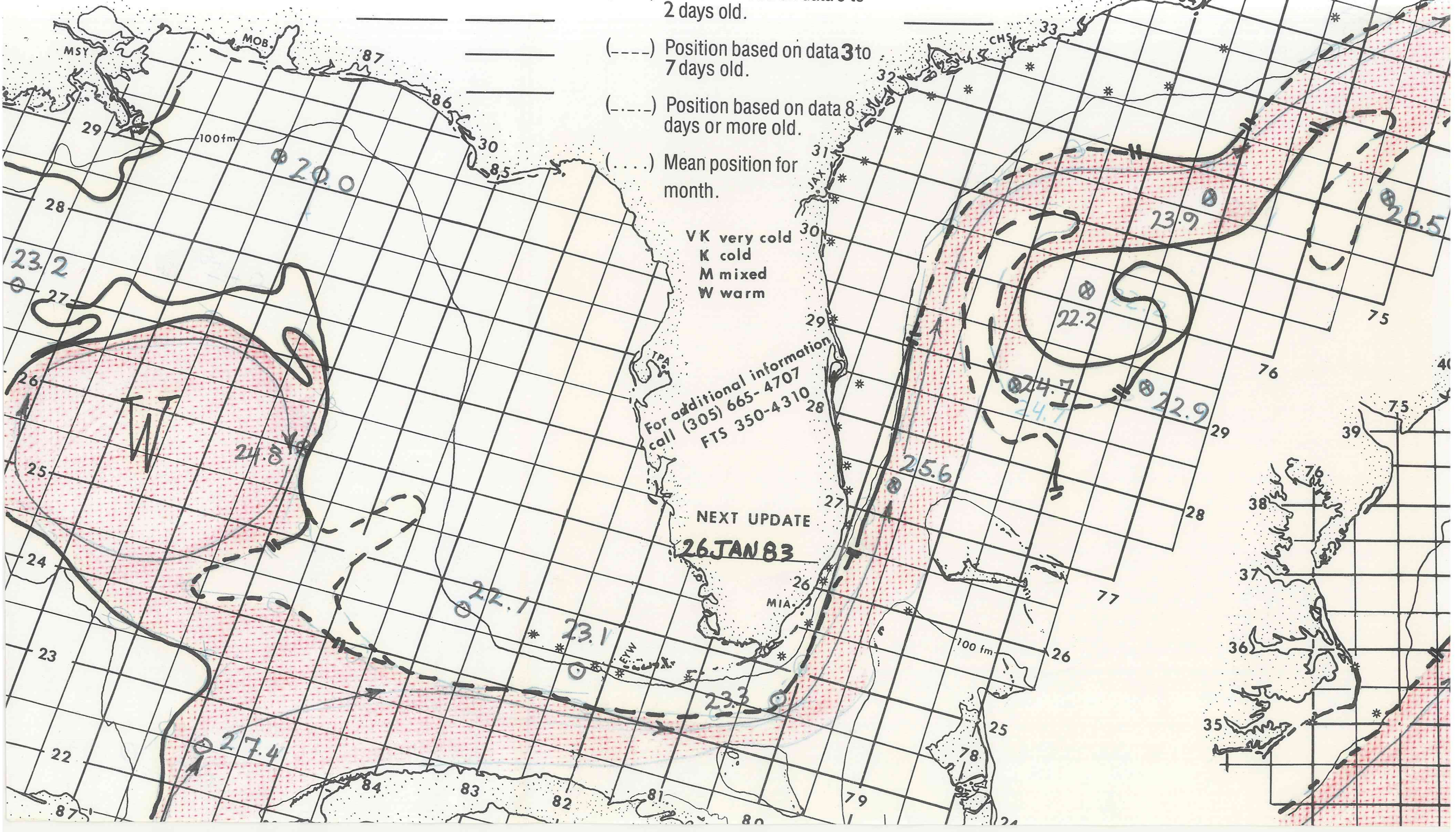
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

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

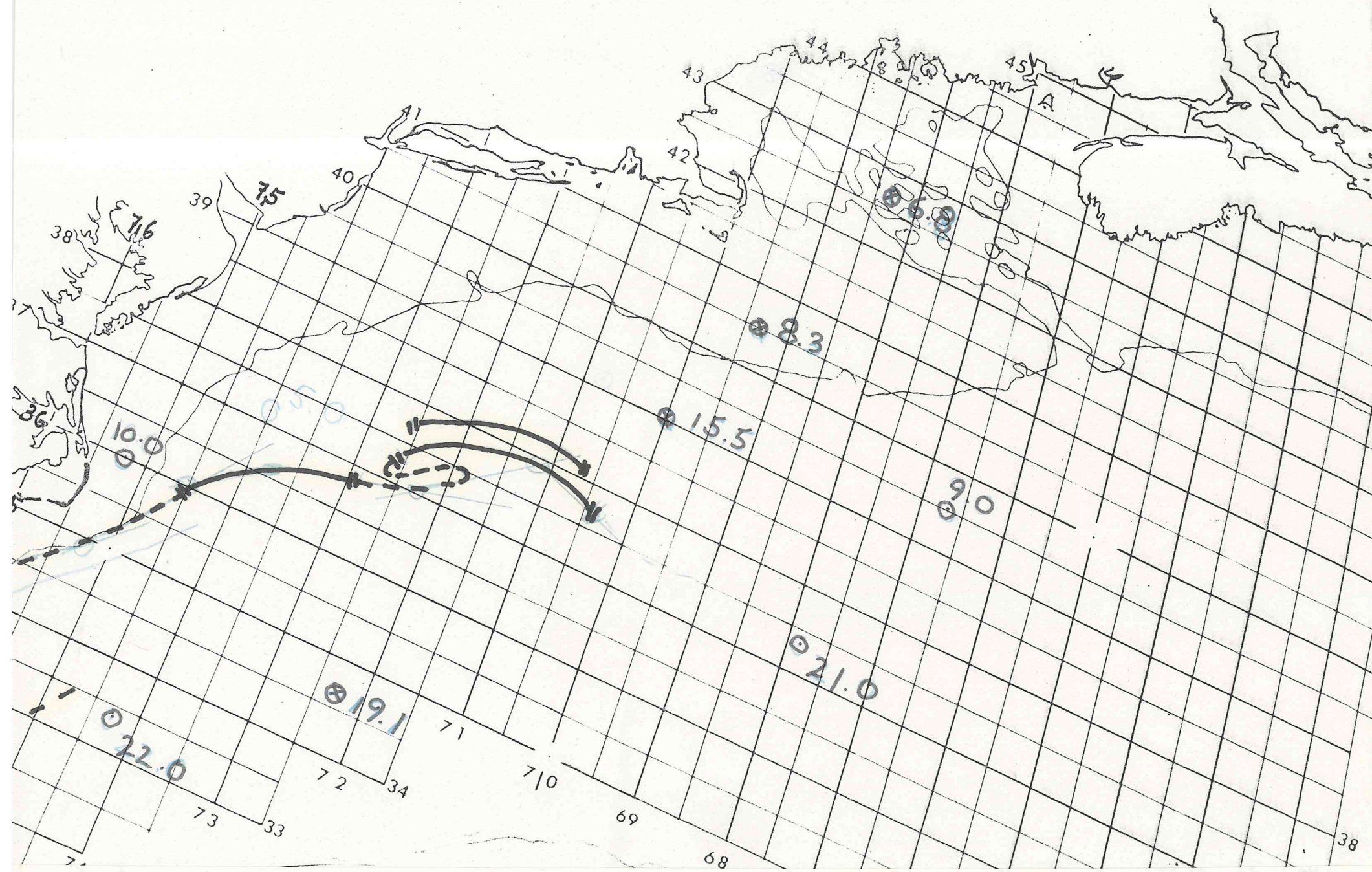
VK very cold
 K cold
 M mixed
 W warm

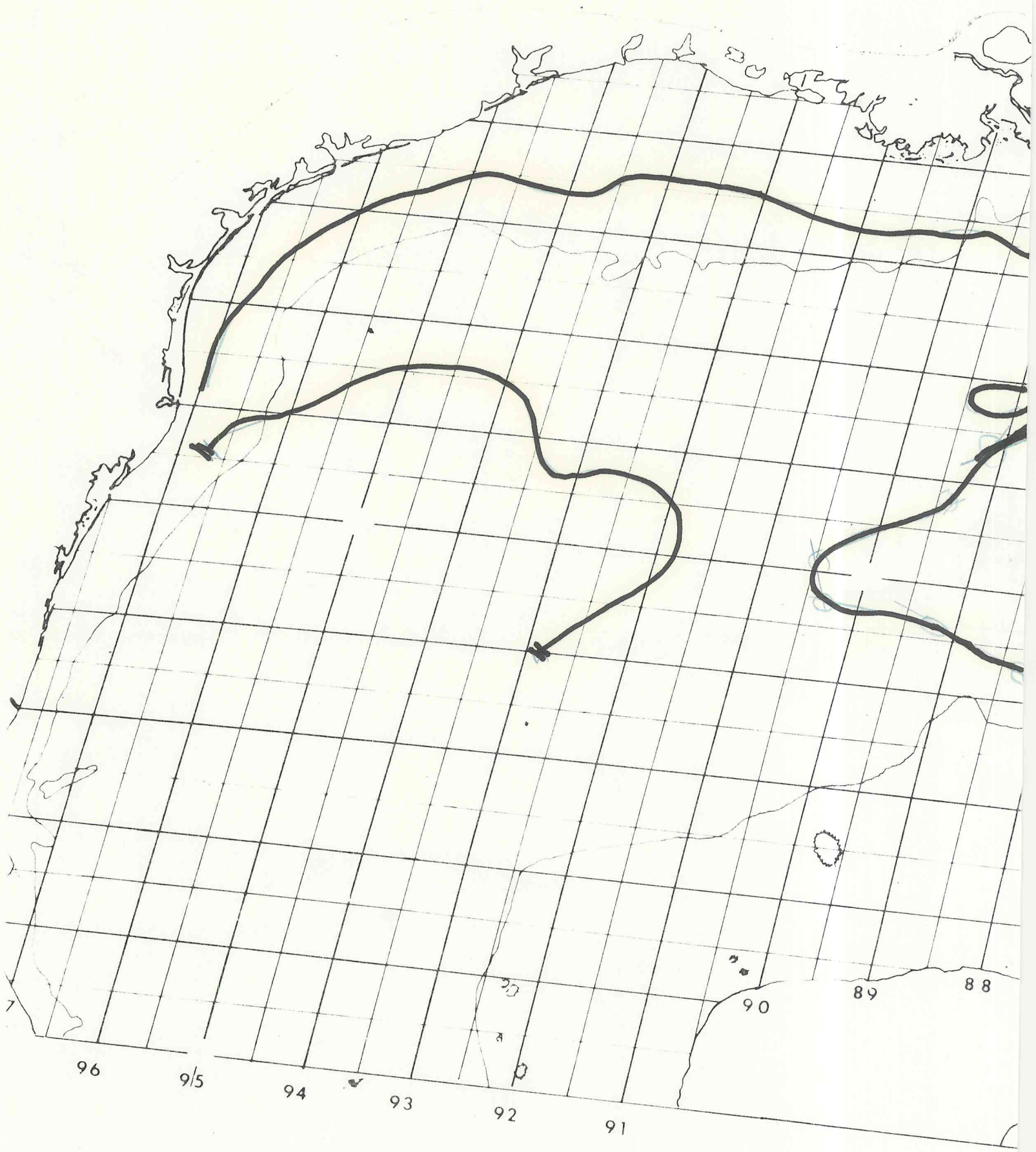
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT UPDATE
26 JAN 83



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 24 JAN 1983 PART B





NNNN

↓

V

ZCZC

SXNT1 KWBC 242025

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

27.0/79.9	37.9/79.9	29.1/80.0	30.5/80.0
31.1/79.7	31.8/78.9	32.0/78.0	32.5/77.2
33.0/77.0	34.9/75.2	36.0/74.5	36.8/73.7
37.0/72.2	37.9/71.2	37.7/70.4	38.3/68.2
37.8/66.2	37.8/65.4	38.2/65.0	

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

WARM EDDIES... NONE DISCERNIBLE

COLD EDDIES... 29.8/78.0/90 NMI. DIAM.

LATEST SATELLITE DATA.. 1/24/83

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 26 JAN 19 83

218860 227857 240861 239870 243880

247889 245900 252903 262895 268875

272865 264854 258852 253856 245869

243868 245856 240840 244832 242820

241816 244810 242806 252798 260797 //

270798 287798 294796 301798 308799

316790 325770 342760 354750 365740

370724 376716 380710 378704 //

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.

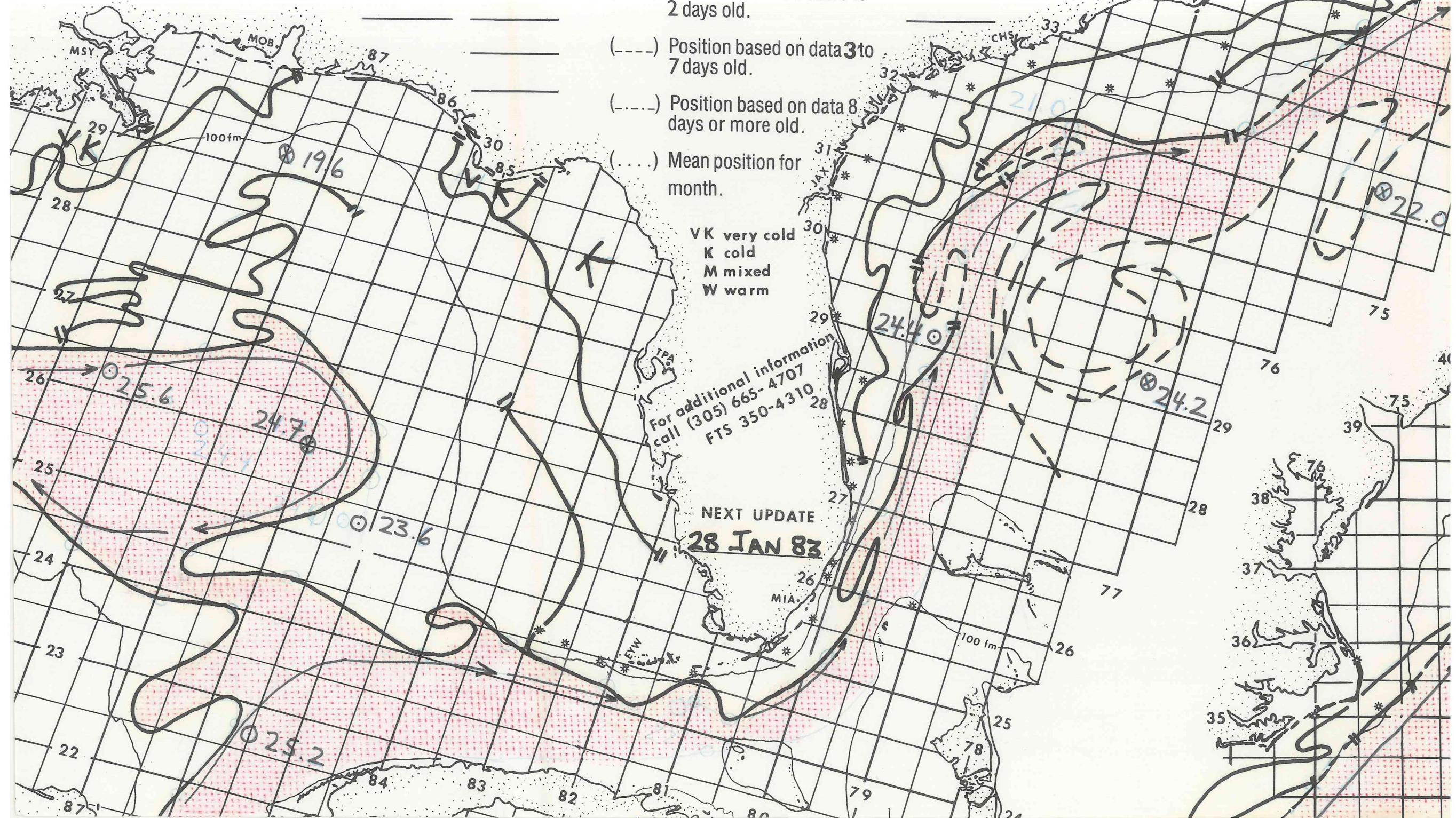
(· · · ·) Mean position for month.

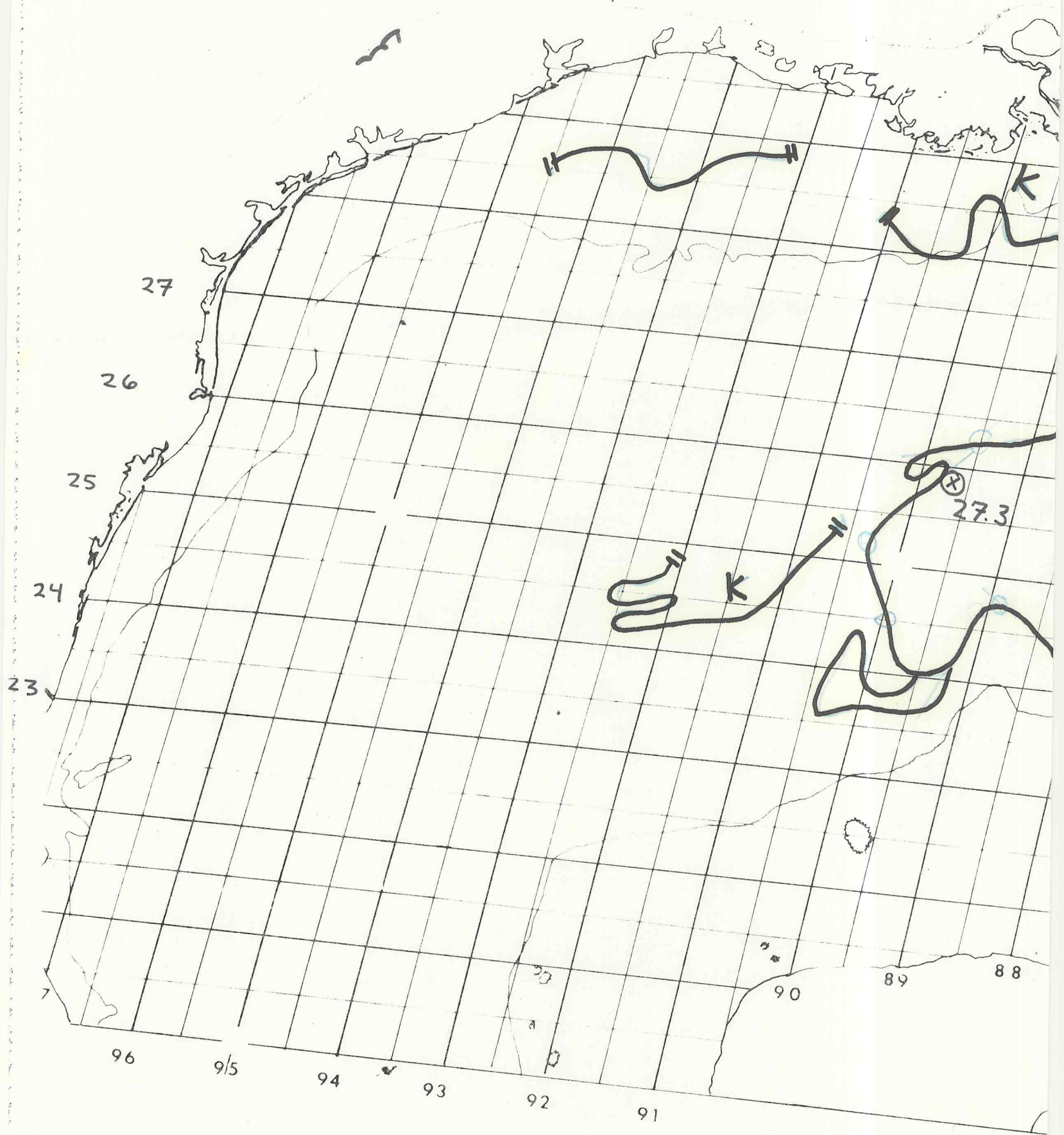
VK very cold
K cold
M mixed
W warm

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

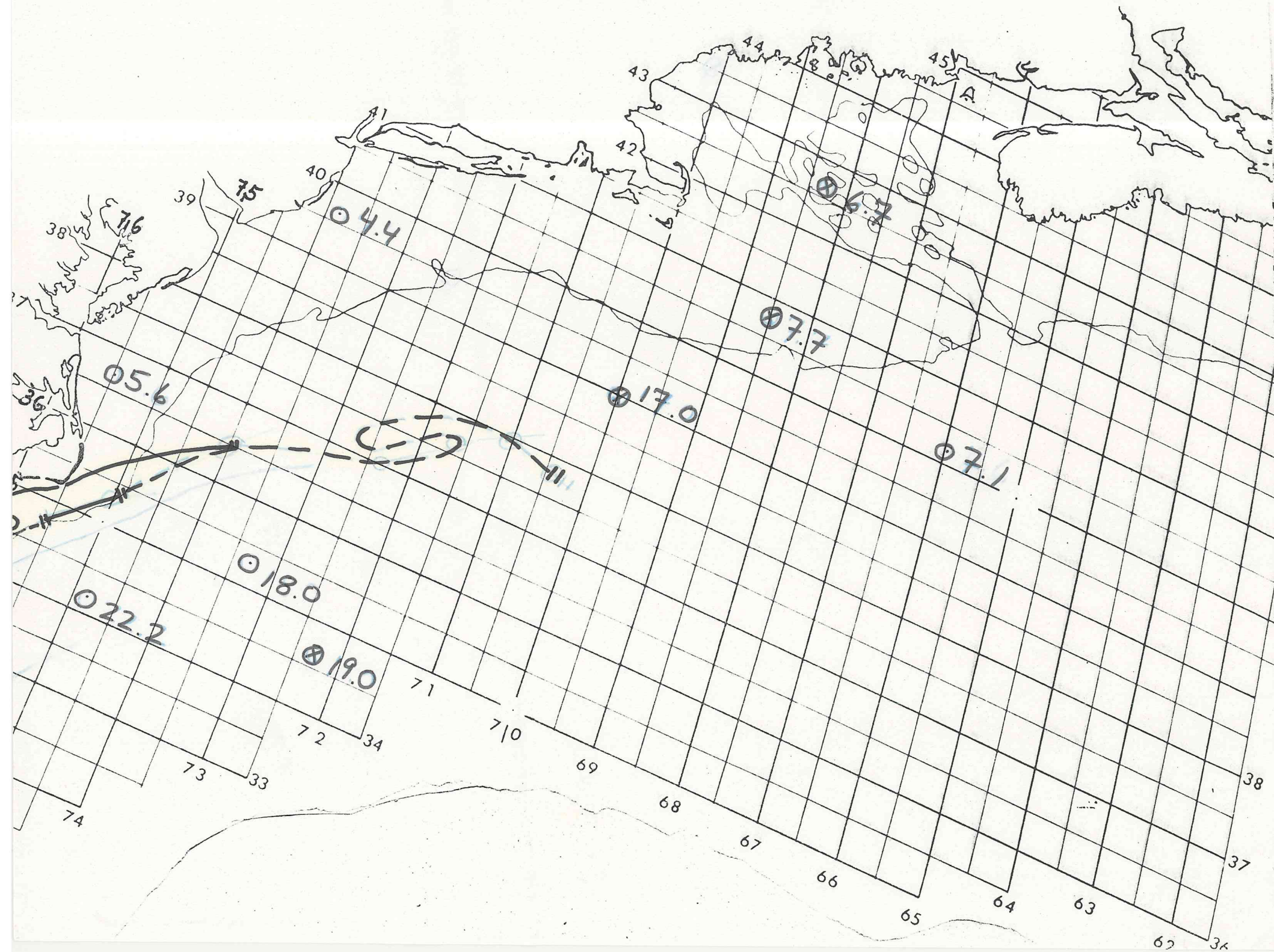
NEXT UPDATE

28 JAN 83





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 26 JAN 1983 PART B



1983 JAN 26 14 7 38

V

ZCZC

SXNT 1 KWBC 262350 COR...

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

27.0/79.8	28.7/79.8	29.4/79.6	30.1/79.8
30.8/79.9	31.6/79.0	32.5/77.0	34.2/76.0
35.4/75.0	36.5/74.0	37.0/72.4	37.6/71.6
38.0/71.0	37.8/70.4	38.3/68.2	37.8/66.2
37.8/65.4	38.2/65.0		

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

POSSIBLE WARM EDDIES 41.5/57.5/75 NMI DIAM.

COLD EDDIES 35.5/66.5/60 NMI DIAM 29.8/78.0/90 NMI DIAM

LATEST SATELLITE DATA 1/26/83

JWC

NNNN↓

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 28 JAN 1983

216861 221858 228857 238858 243847
 240843 241830 243817 242811 246802
 253797 260796 // WARM EDDY BOUNDED BY
 239870 241879 247889 241895 245900
 252903 263895 270862 264853 260852
 251857 247863 239870 // _____

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.

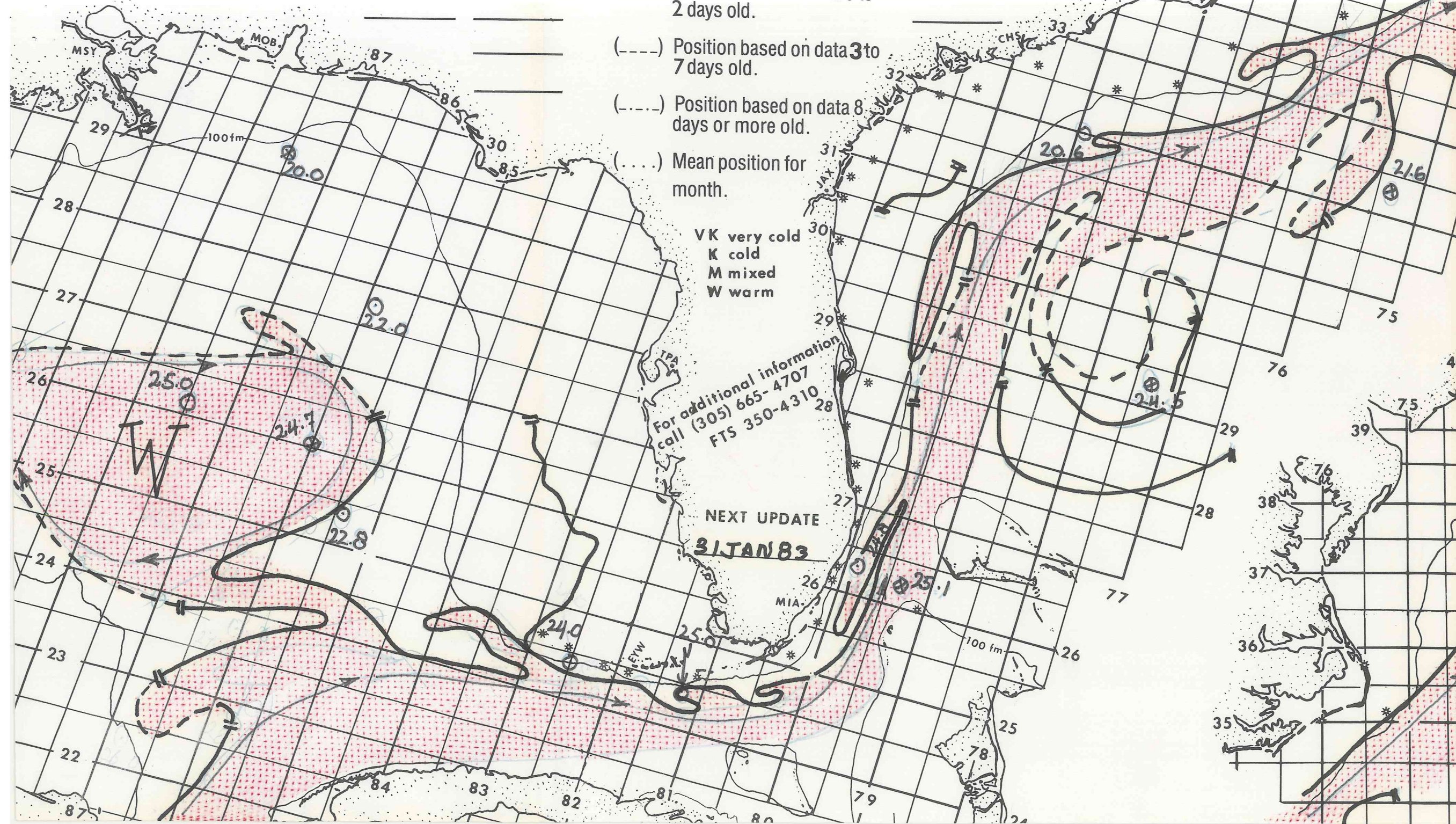
270796 285799 300797 309799 313796
 319785 329767 340764 352749 365740
 371721 380706 379701 // SIP

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

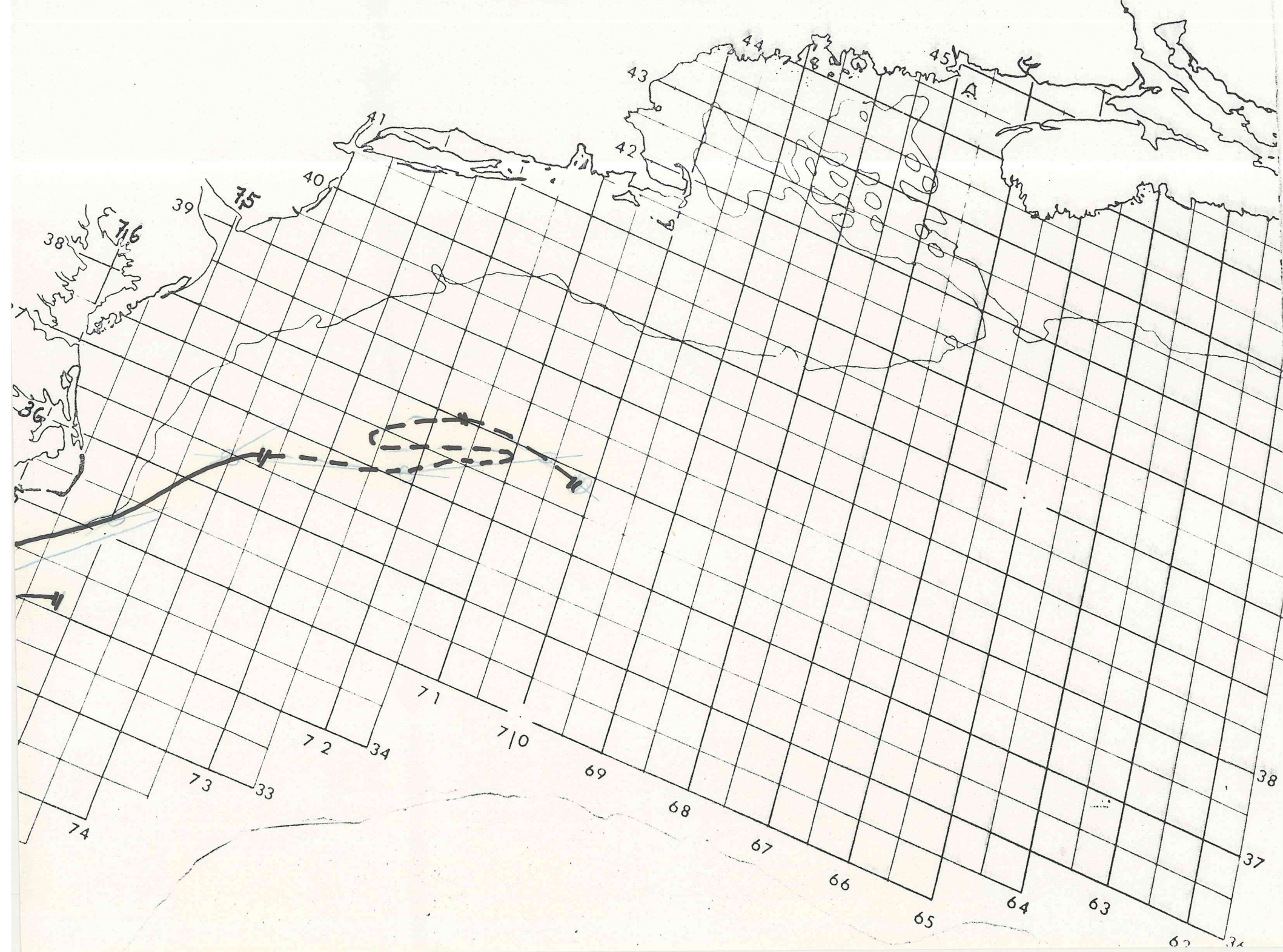
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
31 JAN 83



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 28 JAN 1983. PART B



1983 JAN 28 PM 4:30

V ↓

ZCZC

SXNT 1 KWBC 282220

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

27.0/79.6 28.5/79.9 30.0/79.7 30.9/79.9
31.3/79.6 31.9/78.5 32.9/76.7 34.0/76.4
35.2/74.9 36.5/74.0 37.0/73.0 37.2/72.0
37.9/70.6 37.8/69.8 38.2/68.1 38.6/66.8
38.2/65.9 38.0/65.2 38.1/65.0

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

WARM EDDIES 39.8/66.8/65 NMI. DIAM

COLD EDDIES 35.5/66.5/60 NMI. DIAM 37.6/58.0/70 NMI. DIAM.

LATEST SATELLITE DATA 1/28/83

NNNN↓

NNNNJA
ZCZC WBC912
TBXX40 KMIA 281815
MIAMI SFSS OCEANOGRAPHIC ANALYSES...28 JAN 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
216861 221858 228857 238858 243847 240843 241830 243817 242811
246802 253797 260796. WARM EDDY BOUNDED BY 239870 241879 247889
241895 245900 252903 263895 270862 264853 260852 251857 247863
239870.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A78/61M/25. B105/53M/25. C90/61M/25. D89/50M/25. E104/45M/26.
F93/33M/26. G68/49M/26. H35/51M/26. I47/45M/26. J35/33M/26.
K36/21M/27. L27/30M/27. M28/24M/27. N30/20M/27. O26/16M/27.
P18/38M/27. Q08/42M/27. R07/55M/27. S11/57M/27. T18/66M/27.
U35/59M/27.
AA71/47M/25. BB80/70M/25. CC39/84M/25. DD38/71M/25.
EE56/41M/25. FF55/58M/25. GG14/55M/25. HH35M/M/25.
II06M/M/25. JJ49M/M/25.

.....DATA STATUS.....
A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT
F CURRENT 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...75 NM SE OF B...81 NM E OF E...65 NM E OF F...
51 NM E OF G...27 NM E OF K...12 NM E OF L...12 NM E OF M...11 NM E
OF N...12 NM E OF N...AND 18 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.

BAIG/WHITE

NNNNGQHV
ZCZC
SDUS1 RWRB 289999

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: **31 JAN** 1983

215863 223863 236866 246854 246844
 243836 238828 241816 245810 245805
 247802 252799 260798// **WARM EDDY**
BOUNDED BY: 240875 247889 242896
 248902 254903 259899 265886 267873
 270865 269860 266854 260850 257849
 255850 239872
 240875//

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.

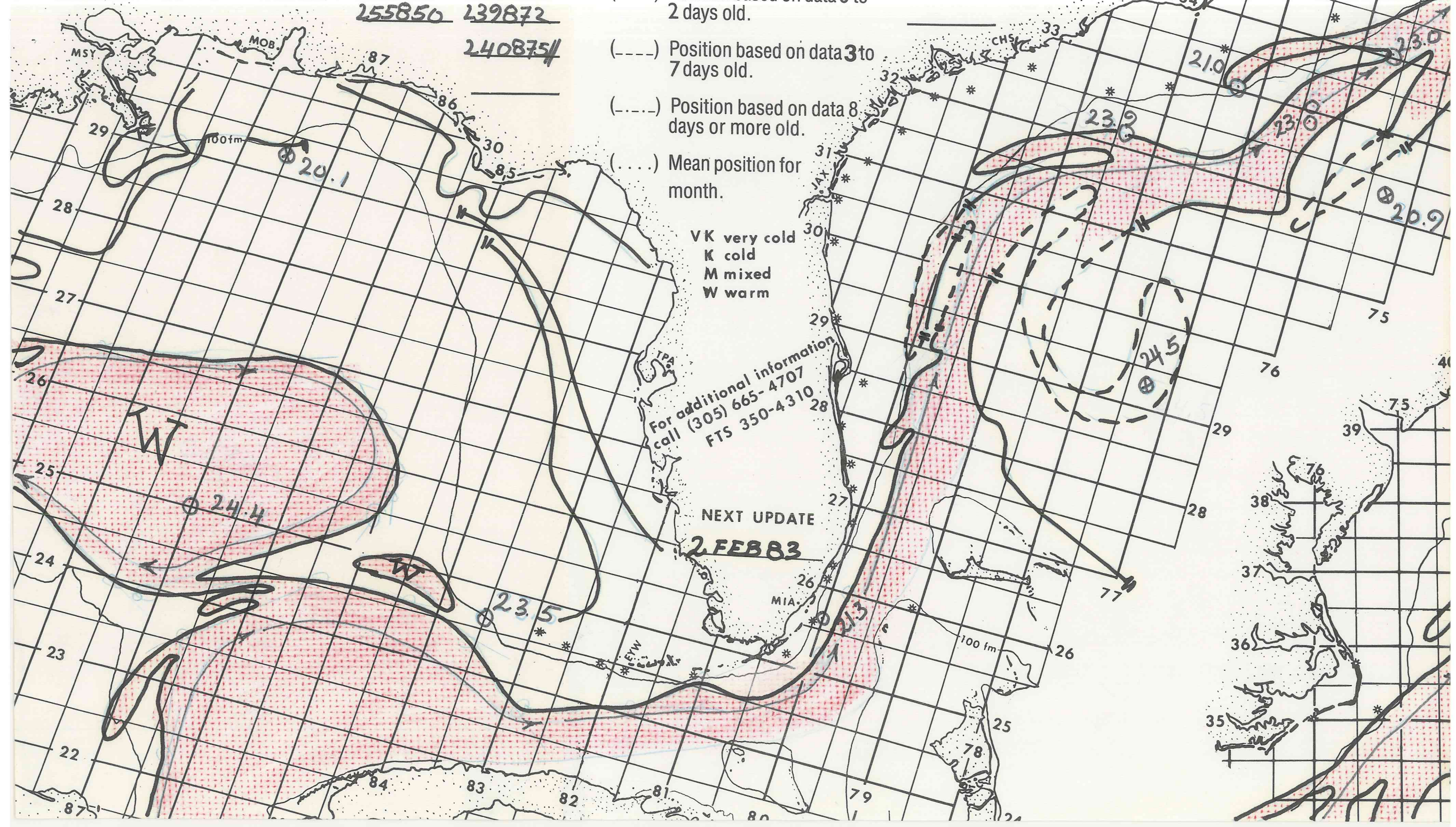
270797 280797 285799 290797 310798
 314794 321776 322773 325770 334765
 340757 347755 356746 358742 36
 374733 373720 378708 380701
 385694// **SVP**

- (——) 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.

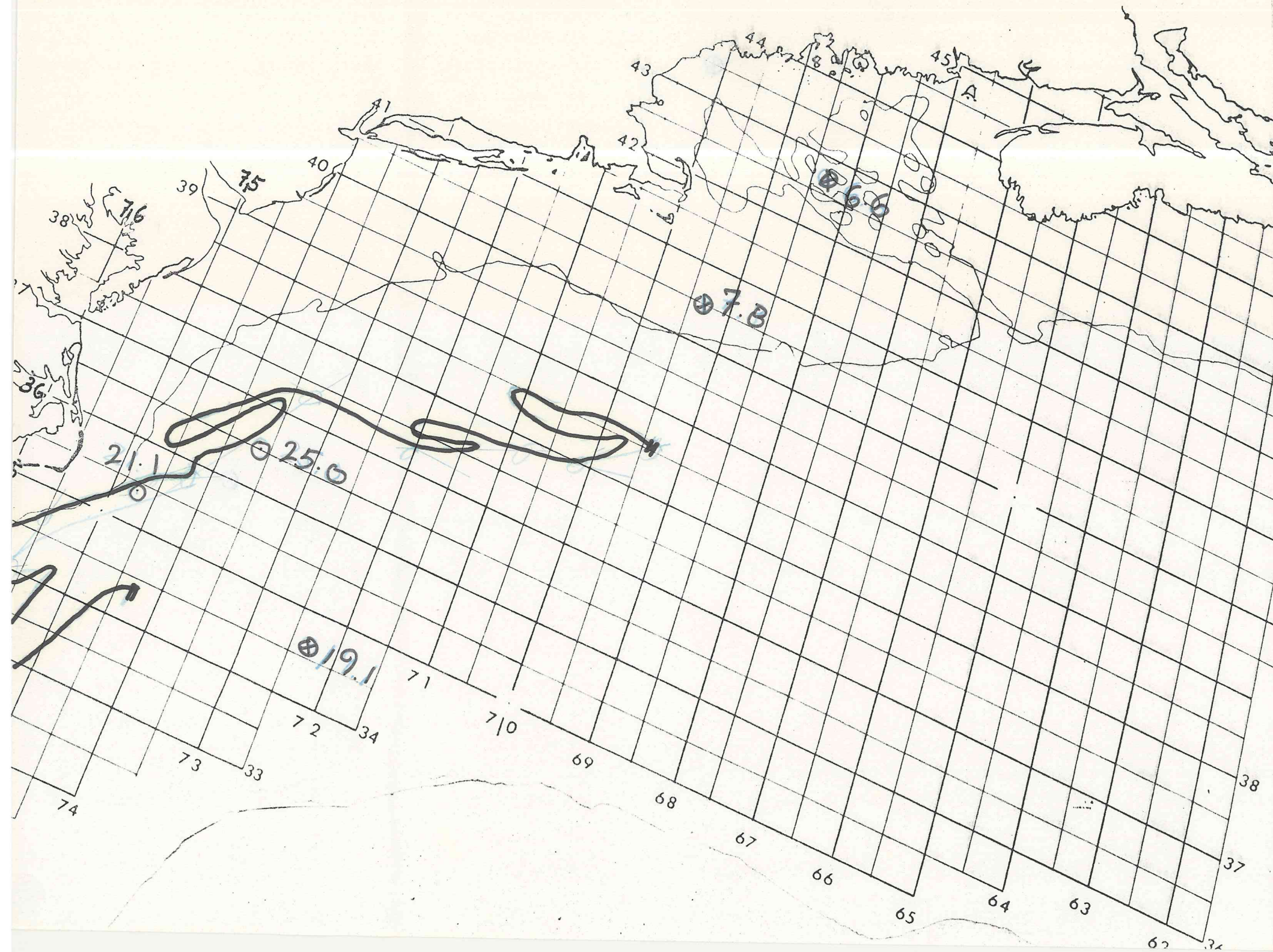
VK very cold
 K cold
 M mixed
 W warm

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

NEXT UPDATE
2 FEB 83



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 31 JAN 1983 PART B





NNNN↓

ZCZC

SXNT1 KWBC 312000

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

27.0/79.7	28.0/79.7	28.5/79.9	29.0/79.7
30.0/80.0	31.4/79.4	32.0/78.8	32.1/77.6
32.3/77.3	32.5/77.0	33.4/76.5	34.0/75.7
34.7/75.5	35.8/74.2	37.0/73.5	37.3/72.0
37.8/70.8	38.1/70.0	38.5/69.4	38.3/67.8
38.5/66.3	38.2/65.4	38.2/65.0	

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

WARM EDDIES... NONE DISCERNIBLE..

COLD EDDIES... 36.0/67.0/70 NMI. DIAM. 30.6/77.7/60 NMI. DIAM.
30.7/75.2/60 NMI. DIAM.

LATEST SATELLITE DATA... 1/31/83

NNNN↓

M M M MABV

ZCZC MIAGLMMIA
IBXX40 KMIA 311615
MIAMI SFSS OCEANOGRAPHIC ANALYSES...31 JAN 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
215863 223863 236866 246854 246844 243836 238828 241816 245810
245805 247802 252799 260798. EDDY BOUNDED BY 240875 247889 242896
248902 254903 259899 265886 267873 270865 269860 266854 260850
257849 255850 239872 240875.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A82/43/M/25. B103/33/M/25. C93/49/M/25. D94/50/M/25. E106/34/M/26.
F90/22/M/26. G76/25/M/26. H32/53/M/26. I47/39/M/26. J33/36/M/26.
K27/28/M/27. L20/36/M/27. M19/35/M/27. N19/30/M/27. O16/27/M/27.
P18/37/M/27. Q06/44/M/27. R27/38/M/27. S30/39/M/27. T48/40/M/27.
U52/44/M/27.
AA75/35/M/25. BB86/16/M/25. CC38/65/M/25. DD63/46/M/25.
EE65/38/M/25. FF83/34/M/25. GG42/20/M/25. HH37/69/M/25.
II06/M/M/25. JJ50/M/M/25.

.....DATA STATUS.....
A CURRENT B 28 JAN. C CURRENT D 28 JAN. E CURRENT
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...80 NM SE OF B...84 NM E OF E...64 NM E OF F...
30 NM E OF I..51 NM SE OF AA...58 NM SE OF BB...14 NM SE OF EE...
52 NM SE OF FF...AND 14 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