

GULF STREAM SYSTEM FLOW CHART # 2450

220863 229866 237869 247877 253879
 264880 270876 274872 273862 263857
 259854 255847 249843 238842 234838
 235833 239826 240817 243813 244808
 247802 249799 254798 260797//

NOAA Miami SFSS

Date: 02 MAR 1979

Depicted land areas should not be used for navigation.

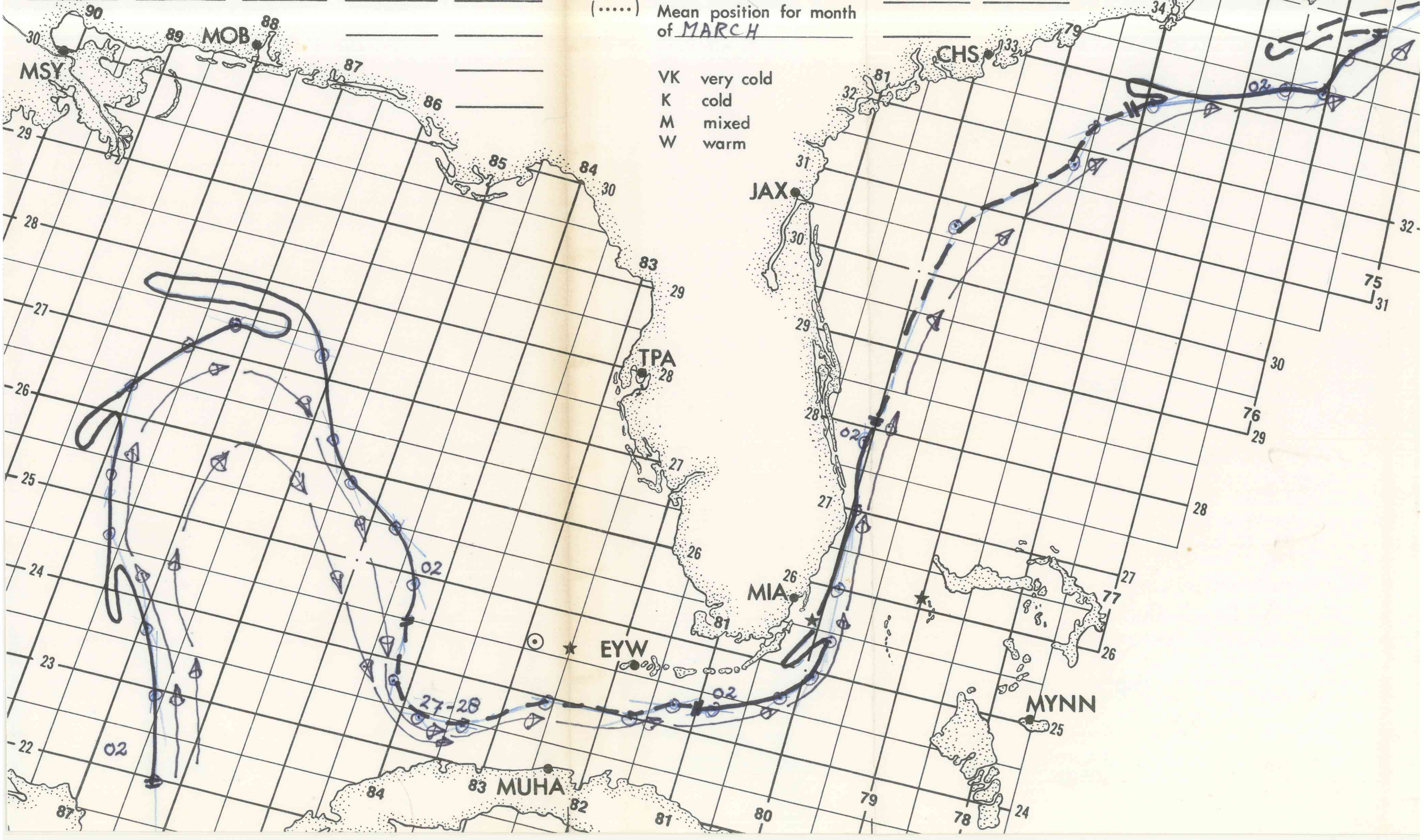
(-----) Position based on data up to 7 days old.

(.....) Mean position for month of MARCH

VK very cold
 K cold
 M mixed
 W warm

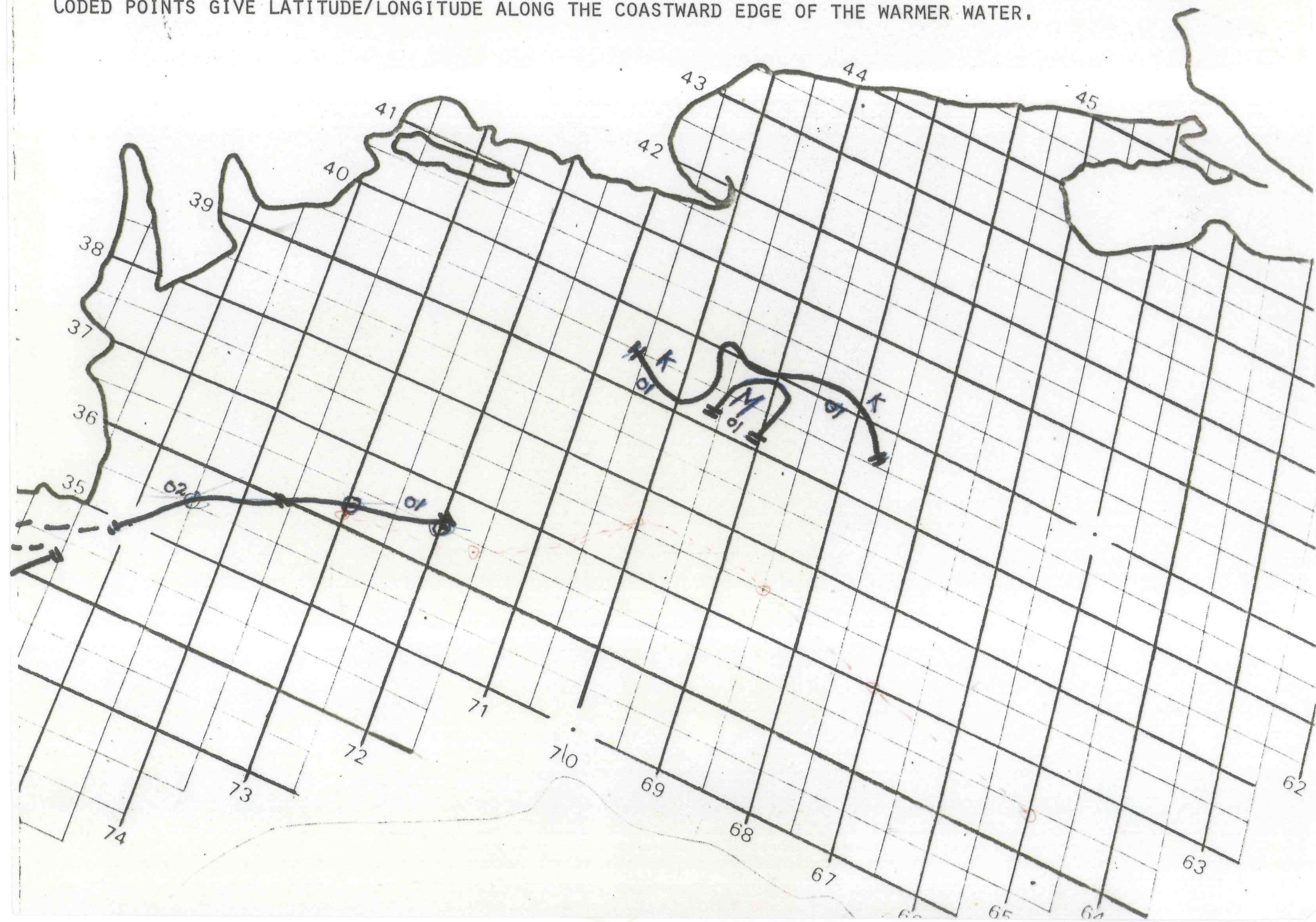
GULF STREAM SYSTEM FLOW CHART # 2450

270799 279801 307797 318786 324785
 328779 334766 335760 340758 356745
 362730 365720//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 02 MAR 1979 PART B

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



AZCZC

SXNTI KWBC 021900

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

27.0/79.9 27.9/80.1 30.7/79.7

31.8/78.6 32.4/78.5 32.8/77.9

33.4/76.6 33.5/76.0 34.0/75.8

35.6/74.5 36.1/73.0 36.4/71.6

37.6/70.0 37.6/68.5 37.0/67.0

36.4/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN
12 TO 15 MILES SEAWARD OF THIS LINE. LATEST
SATELLITE DATA MARCH 2 1979 0900Z

ZCZC WBC373

TBXX40 KMIA 021400

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
02 MAR 1979.

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

220863 229866 237869 247877 253879 264880 270876 274872
273862 263857 259854 255847 249843 238842 234838 235833
239826 240817 243813 244808 247802 249799 254798 260799.

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

SEVERAL SMALL AMPLITUDE EDDIES/MEANDERS FRM 80W
TO 83W CONTINUE TO MOVE DOWNSTREAM THRU STRAITS.
DETACHED WM EDDY 40 MI WIDE FM 26N TO 28N ALG 84.7W.

DATA MSTLY FM IMAGERY 02 MAR 79.

BAIG

GULF STREAM SYSTEM FLOW CHART #2450

220863 227864 233868 238870 245875
 249878 258879 265880 271876 276869
 274864 267863 266859 259854 255848
 252844 246843 236841 235837 238829
 240820 243815 244805 249800 255799
 260799 //

NOAA Miami SFSS

Date: 05 MAR 1979

Depicted land areas should not be used for navigation.

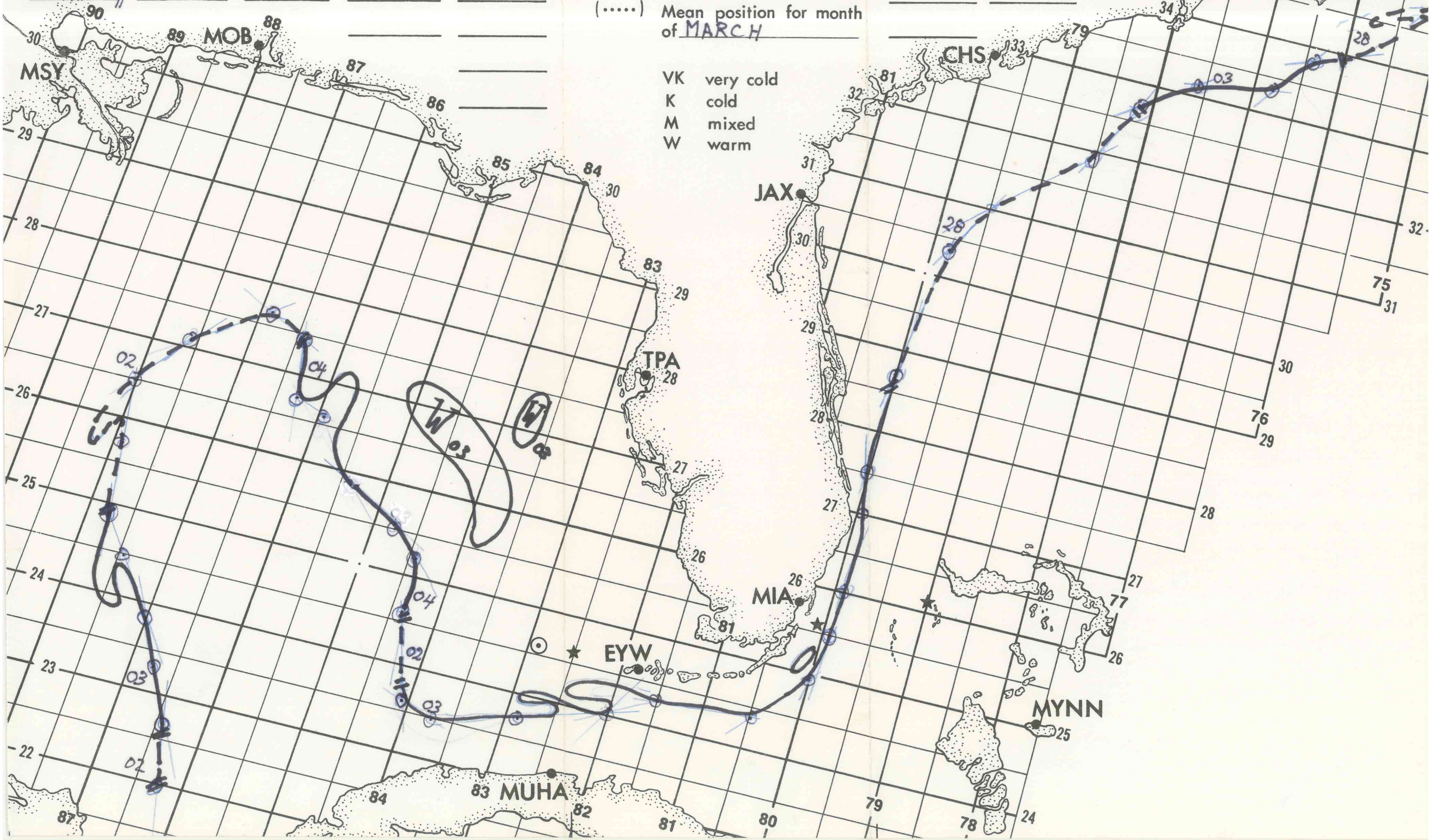
(-----) Position based on data up to 7 days old.

(.....) Mean position for month of MARCH

VK very cold
 K cold
 M mixed
 W warm

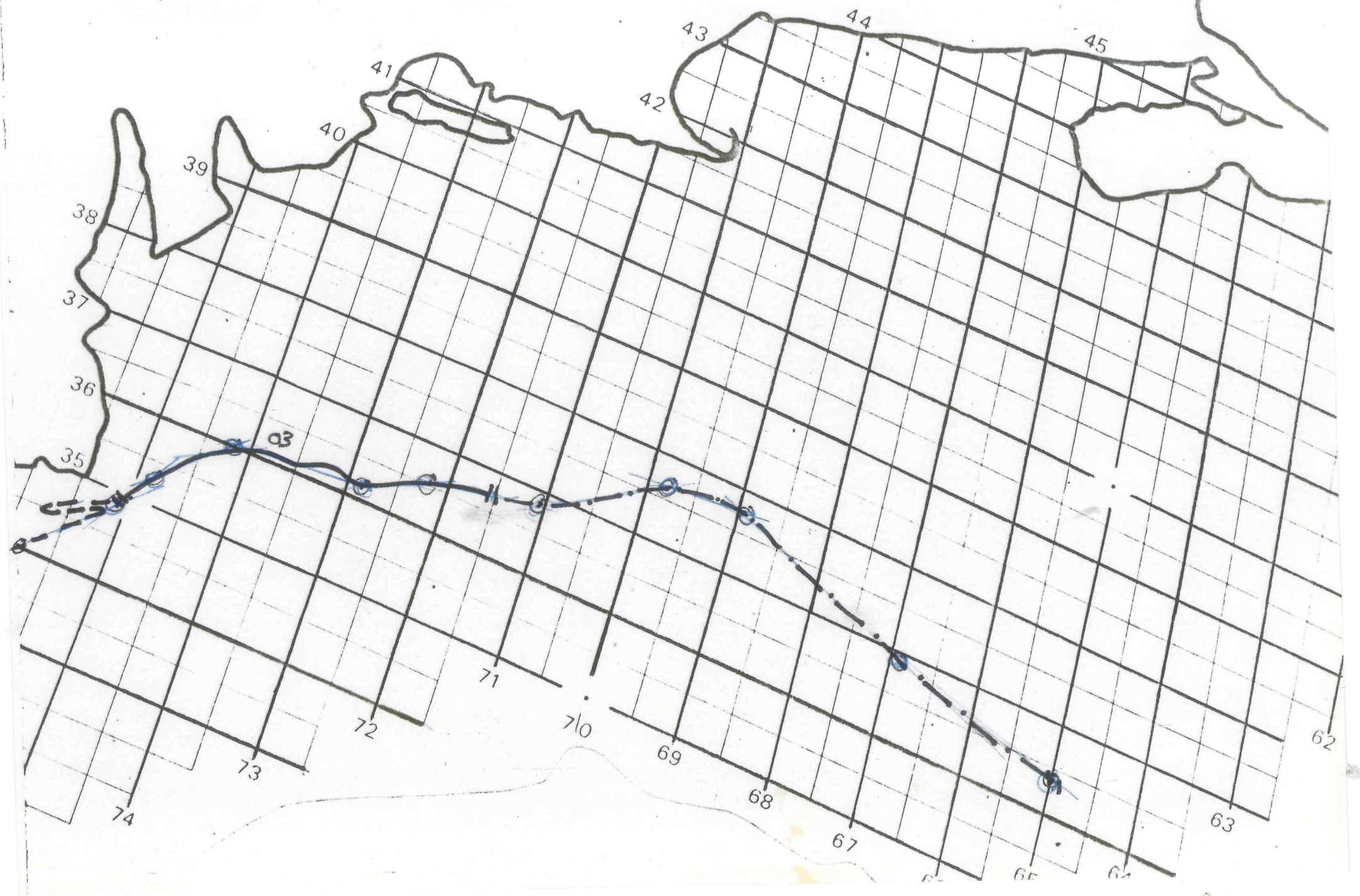
GULF STREAM SYSTEM FLOW CHART #2450

270799 275800 287800 304798 319785
 327782 331776 336768 338764 340758
 349751 353748 360741 361728
 365722 369710 376698 377689
 369669 363650 //



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 05 MAR 1979 PART B

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



NNNNJA
ZCZC WRC998
TBXX40 KMIA 051315

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
05 MAR 1979.

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

220863 227864 233868 238870 245875 249878 258879 265880
271876 276869 274864 267863 266859 259854 255848 252844
246843 236841 235837 238829 240820 243815 244805 249800
255799 260799.

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

SEVERAL SMALL AMPLITUDE EDDIES/MEANDERS FRM 80W
TO 83W CONTINUE TO MOVE DOWNSTREAM THRU STRAITS.

220863 230866 239870 245874 250877
255880 260876 266875 273870 277866
275860 267855 260856 255857 253855
251852 256845 258840 250837 241840
235840 234836 238830 240822 243815
244810 245800 250800 //

Date: 07 MAR 1979

Depicted land areas should not be used for navigation.

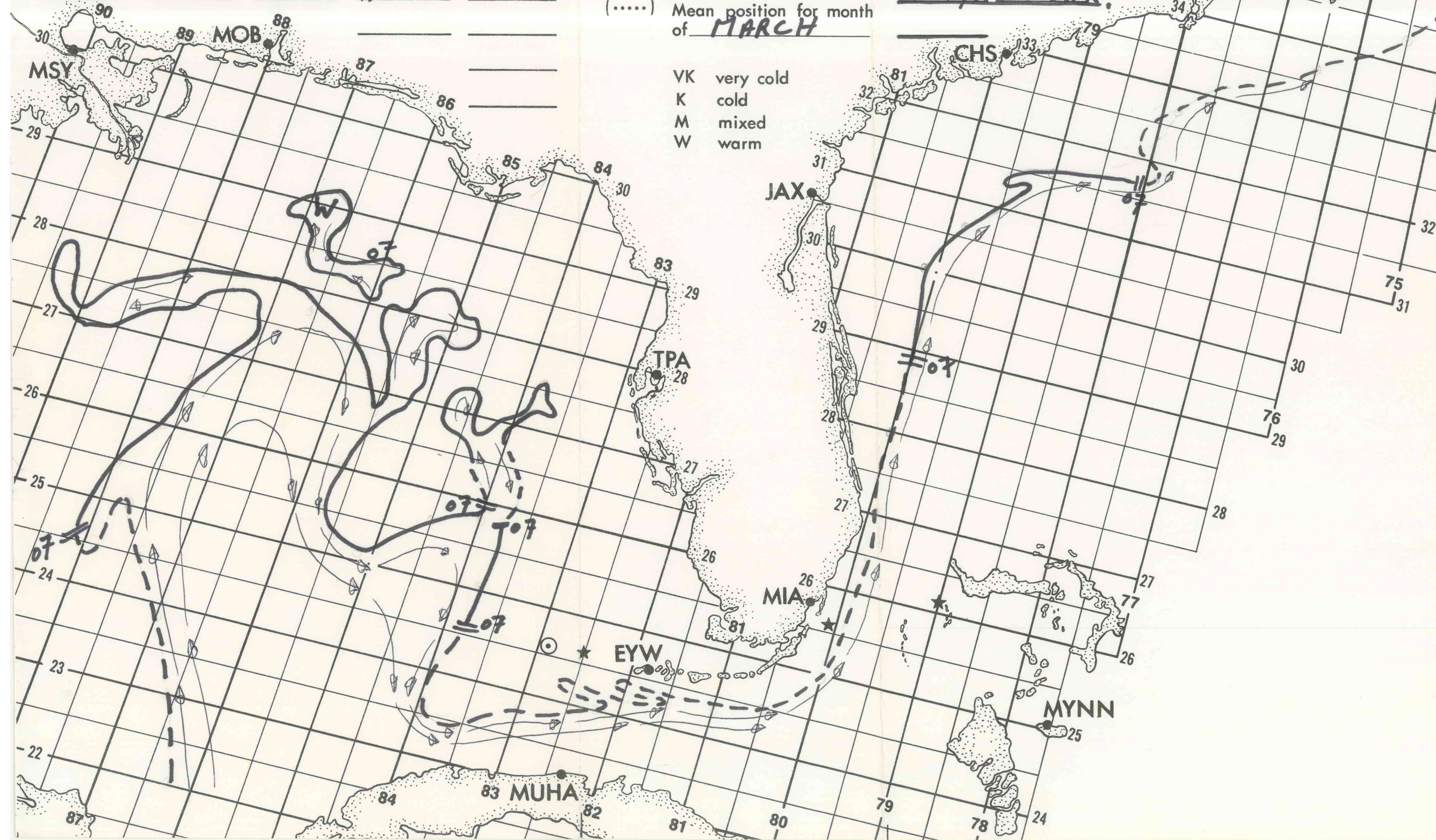
(-----) Position based on data up to 7 days old.

(.....) Mean position for month of MARCH

VK very cold
 K cold
 M mixed
 W warm

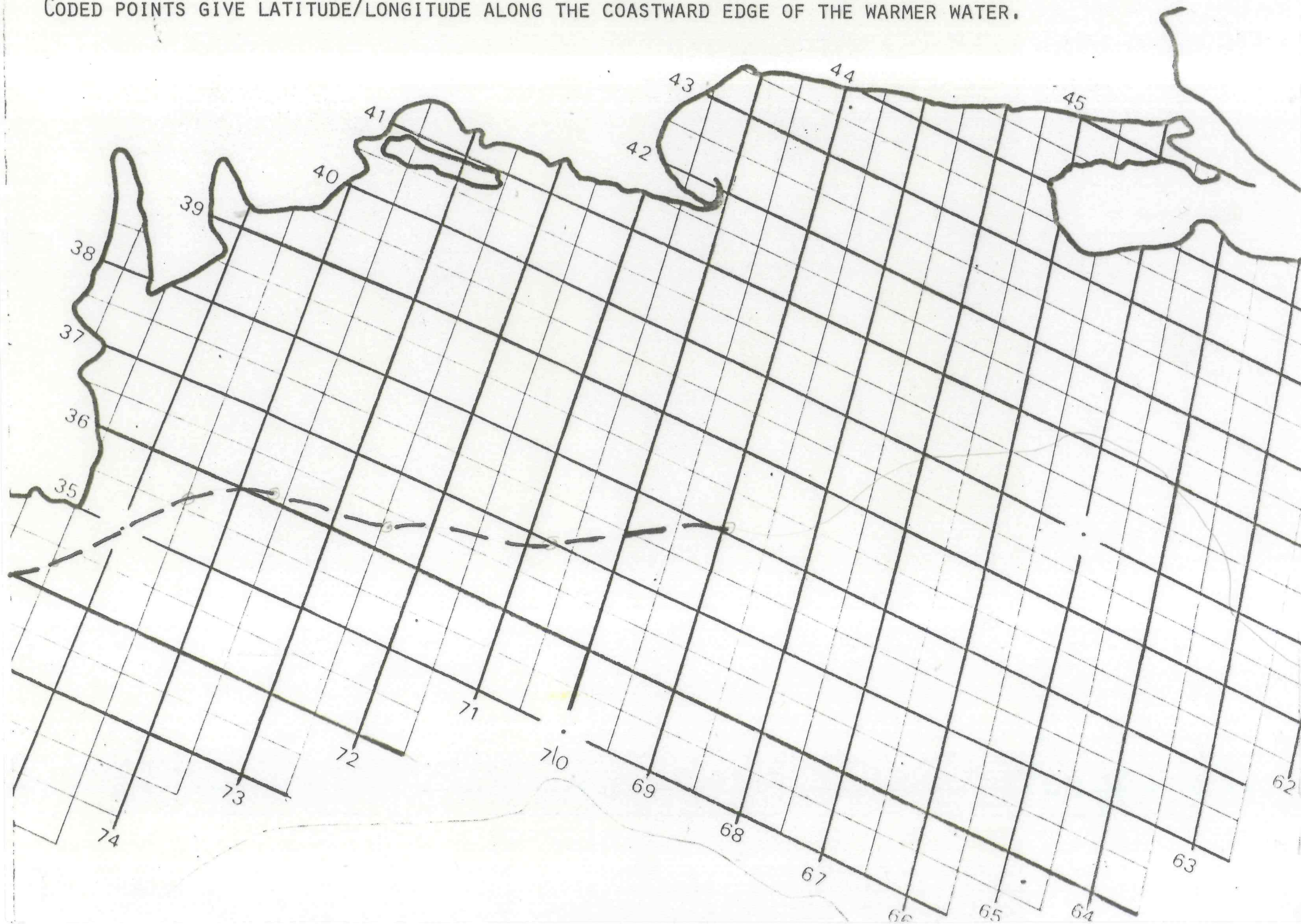
270799 280800 300801 306798 316790
318779 327778 336765 343755 356745
361736 362725 370707 380690

//
 * Cloud COVER E of 78W =
Analysis WEAK.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 07 MAR 1979 PART B

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



NNNN

ZCZC WBC066
TBXX40 KMIA 071500

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
07 MAR 1979.

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

220863 230866 239870 245874 250877 255880 260876 266875
273870 277866 275860 267855 260856 255857 253855 251852
256845 258840 250837 241840 235840 234836 238830 240822
243815 244810 245800 250850.

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

SEVERAL SMALL AMPLITUDE EDDIES/MEANDERS FRM 80W
TO 83W CONTINUE TO MOVE DOWNSTREAM THRU STRAITS

WARM EDDIES EXTEND 10 NM EITHER SIDE OF LINE FRM 27.1N
89.0W TO 27.9N 87.3W AND 29.0N 87.0W TO 26.5N 84.0W.

DATA MSTLY FM IMAGERY 07 MAR 79.

DUERNBERGER

MNNN

ZCZC
SXNT1 KWBC 072240

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

27.0/79.9 28.0/80.0 30.0/80.1 30.6/79.8
31.6/79.0 31.8/77.9 32.7/77.8 33.4/76.5
34.3/75.5 35.6/74.5 35.9/73.6 36.2/72.5
37.0/70.7 37.8/69.0 37.2/66.7 37.49 YYMP
36.2/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN
12 15 MILES SEAWARD OF THIS LINE. LATEST SATELLITE DATA 3/7/79
0400Z

GULF STREAM SYSTEM FLOW CHART # 2450

222868 230872 240874 243875 247878
 257882 262878 269870 270865 271857
 267855 256857 252856 249853 249846
 248842 247837 235838 232835 234824
 239826 244823 241815 244812 243806
 248802 260799

NOAA Miami SFSS

Date: 09 MARCH 1979

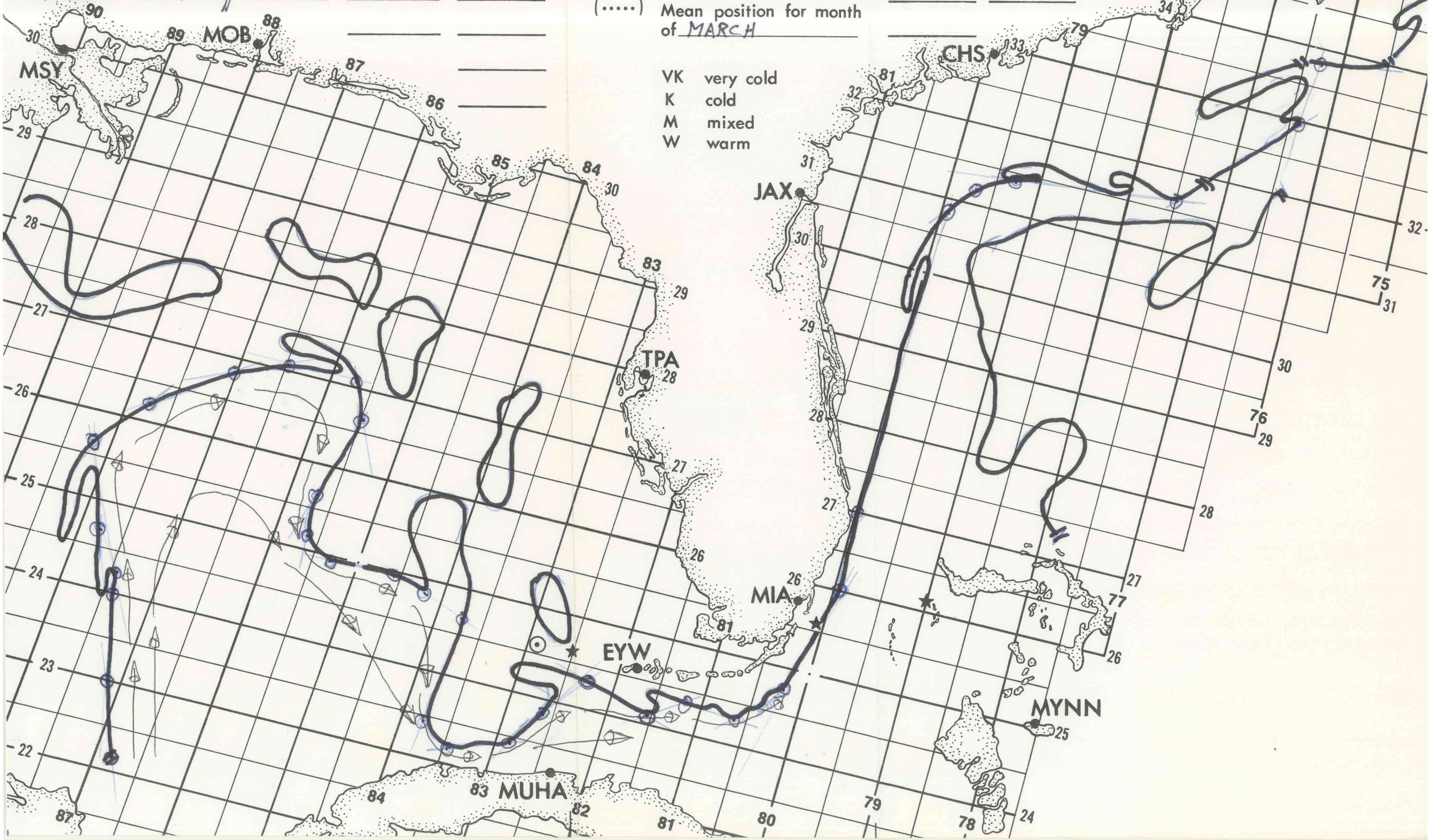
Depicted land areas should not be used for navigation.

(-----) Position based on data up to 7 days old.
 (.....) Mean position for month of MARCH

VK very cold
 K cold
 M mixed
 W warm

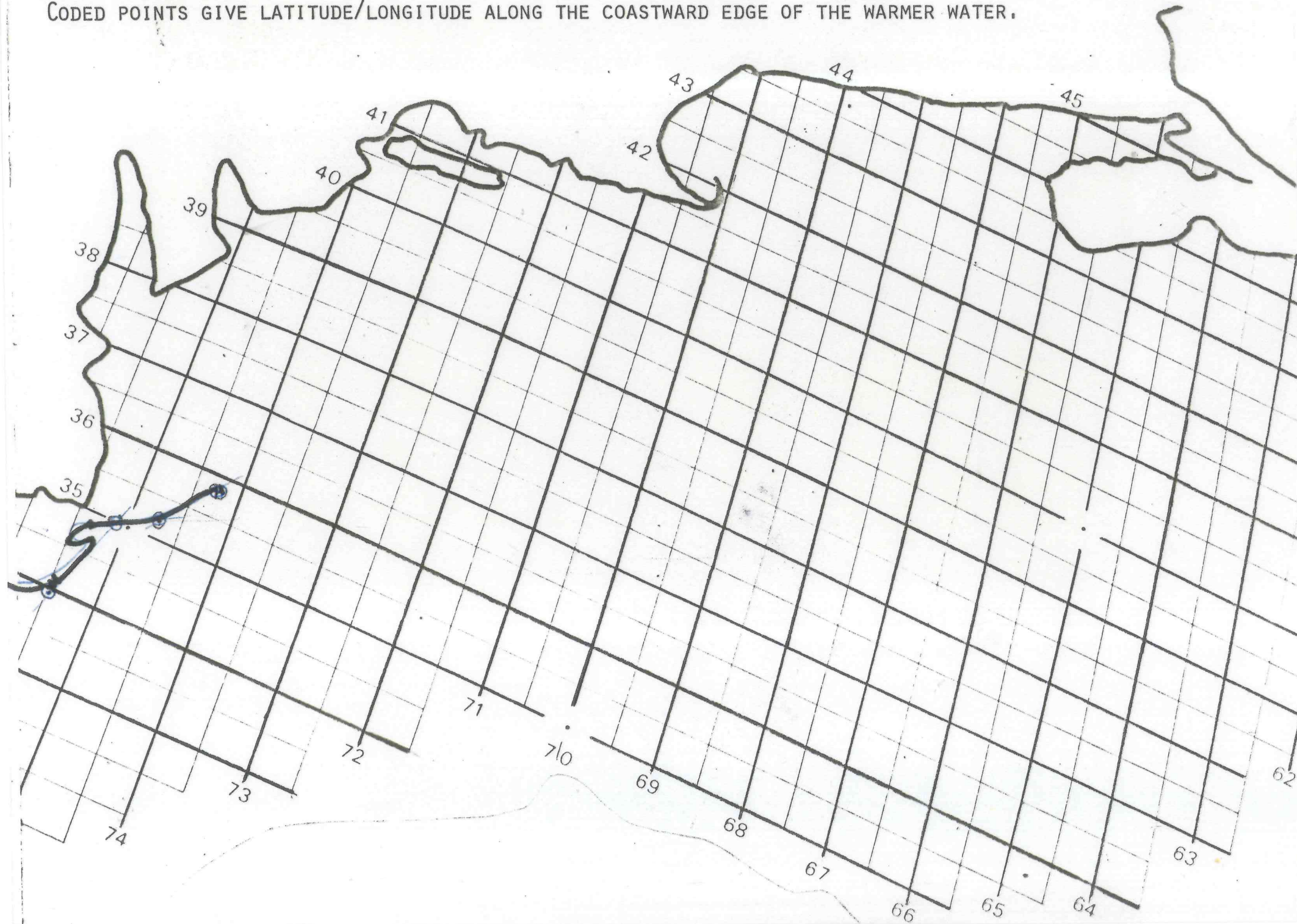
GULF STREAM SYSTEM FLOW CHART # 2450

270800 309799 312797 314793 316775
 330763 338763 340755 350751 352747
 359742



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 09 MAR 1979 PART B

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



NNNN

V

ZCZC
SXNT1 KWBC 092116

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

27.0/80.0	29.5/80.1	30.8/80.0	31.2/79.7
31.4/79.3	31.7/77.5	33.0/76.3	33.8/76.3
34.0/75.5	35.0/75.1	35.2/74.7	35.9/74.2
35.9/73.6	36.2/72.5	37.0/70.7	37.8/69.0
37.2/66.7	37.4/66.0	36.2/65.0	

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12/15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATAO 3/9/79 0800Z.

NNNN+A
ZCZC WBC515
SXNT1 KWBC 092116

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

27.0/80.0	29.5/80.1	30.8/80.0	31.2/79.7
31.4/79.3	31.7/77.5	33.0/76.3	33.8/76.3
34.0/75.5	35.0/75.1	35.2/74.7	35.9/74.2
35.9/73.6	36.2/72.5	37.0/70.7	37.8/69.0
37.2/66.7	37.4/66.0	36.2/65.0	

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12/15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATAO 3/9/79 0800Z.

NNNN

NNNN

ZCZC WBC767
TBXX40 KMIA 091445

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
09 MAR 1979.

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

222868	230872	240874	243875	247878	257882	262878	269870
270865	271857	267855	256857	252856	249853	249846	248842
247837	235838	232835	234824	239826	244823	241815	244812
243806	248802	260799					

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

SEVERAL SMALL AMPLITUDE EDDIES/MEANDERS FRM 80W.
TO 83W CONTINUE TO MOVE DOWNSTREAM THRU STRAITS

WARM EDDIES EXTEND 10 NM EITHER SIDE OF LINE FRM 27.1N
89.0W TO 27.9N 87.5W AND 28.5N 87.0W TO 26.5N 84.0W.

DATA FM IMAGERY 09 MAR 79.

BTIG

*Set by
JBO*

MAR 9 15 25 '79

MAR 9 10 06 AM '79

NNNN

GULF STREAM SYSTEM FLOW CHART #2450

223869 233873 245876 252881 257882
 260883 264877 268872 270865 271857
 270853 265855 260854 254856 252856
 250853 251844 248839 241838 234837
 233835 235828 240824 244819 244814
 243807 248802 256800 260800//

NOAA Miami SFSS

Date: 12 MAR 1979

Depicted land areas should not be used for navigation.

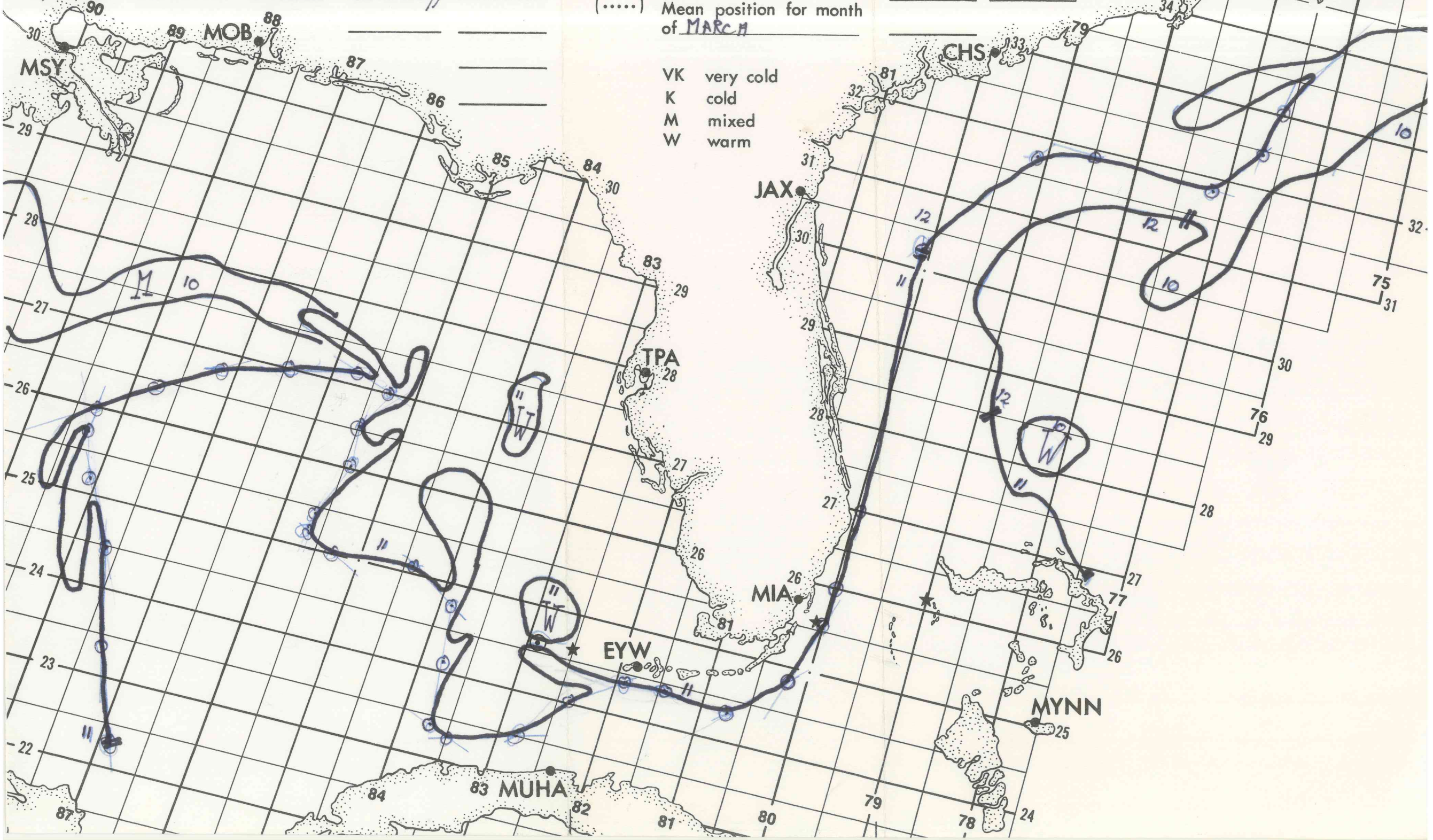
(-----) Position based on data up to 7 days old.

(.....) Mean position for month of MARCH

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART #2450

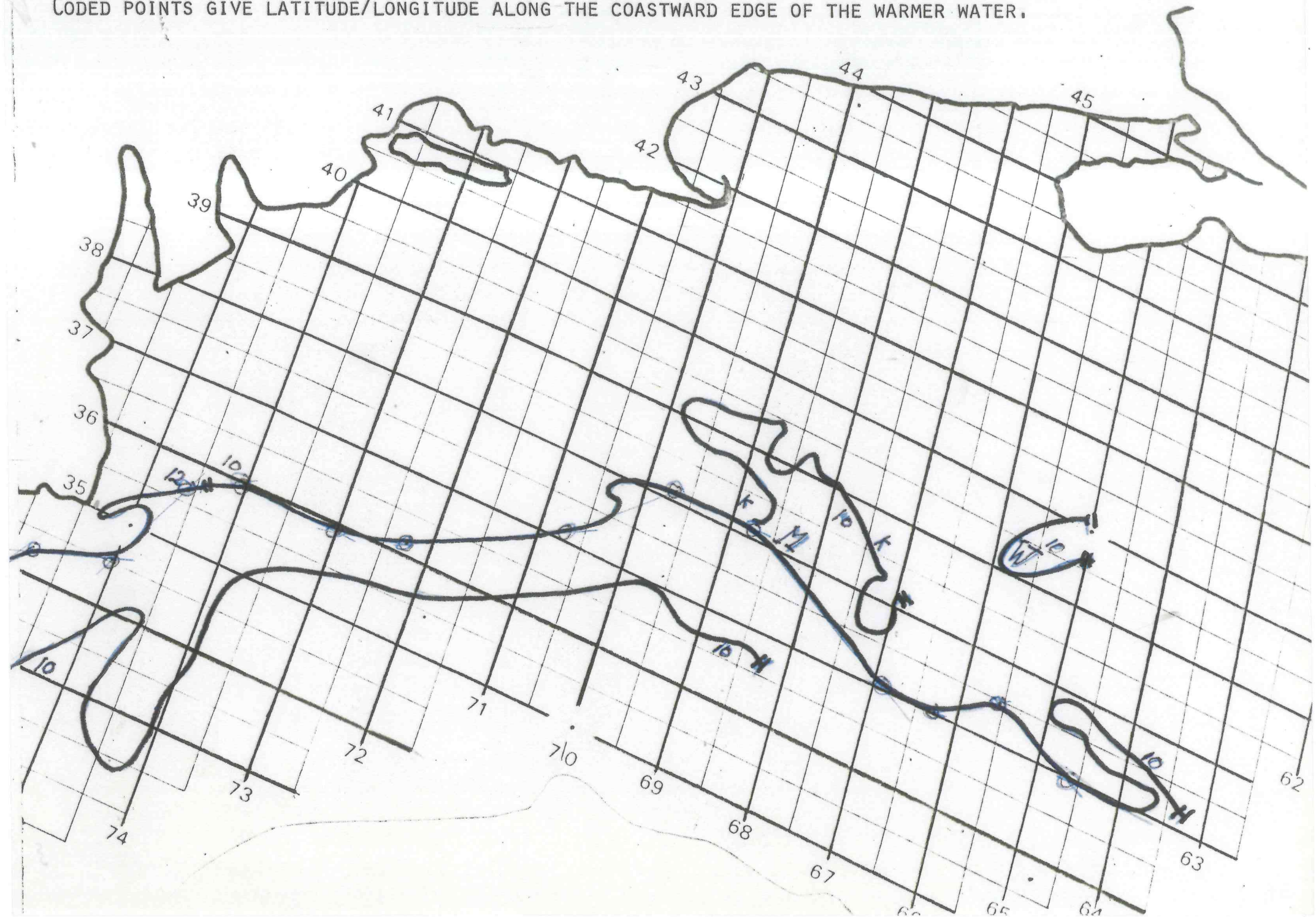
270799 302801 317791 319785 318772
 325767 330766 342758 345750 357746
 360740 359730 361723 371707
 381697 381687 371669 370663
 375655 370646//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 12 MAR 1979

PART B

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



NNNN

ZCZC WBC812
TBXX40 KMIA 121400

MAR 12 9 26 AM '79

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
12 MAR 1979.

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

223869 233873 245876 252881 257892 260893 264877 268872
270865 271857 270853 265855 260854 254856 252856 250853
251844 248839 241838 234837 233835 235828 240824 244819
244814 243807 248802 256800 260800.

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

SEVERAL SMALL AMPLITUDE EDDIES/MEANDERS FRM 80W
TO 83W CONTINUE TO MOVE DOWNSTREAM THRU STRAITS.

DATA FM IMAGERY 11 MAR 79.

BAIG

NNNN

GULF STREAM SYSTEM FLOW CHART #2450

220 868 230 872 240 877 250 880 249 882
25 8883 255 886 260 889 265 885 270 880
271 870 270 864 265 855 260 852 255 855
250 858 246 858 245 853 250 846 251 844
249 840 241 835 235 833 233 830 235 825
240 823 242 826 244 820 243 815 243 810
250 800 260 799 //

NOAA Miami SFSS

Date: 14 MARCH 1979

Depicted land areas should not be used for navigation.

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

(.....) Mean position for month of MARCH

VK very cold
 K cold
 M mixed
 W warm

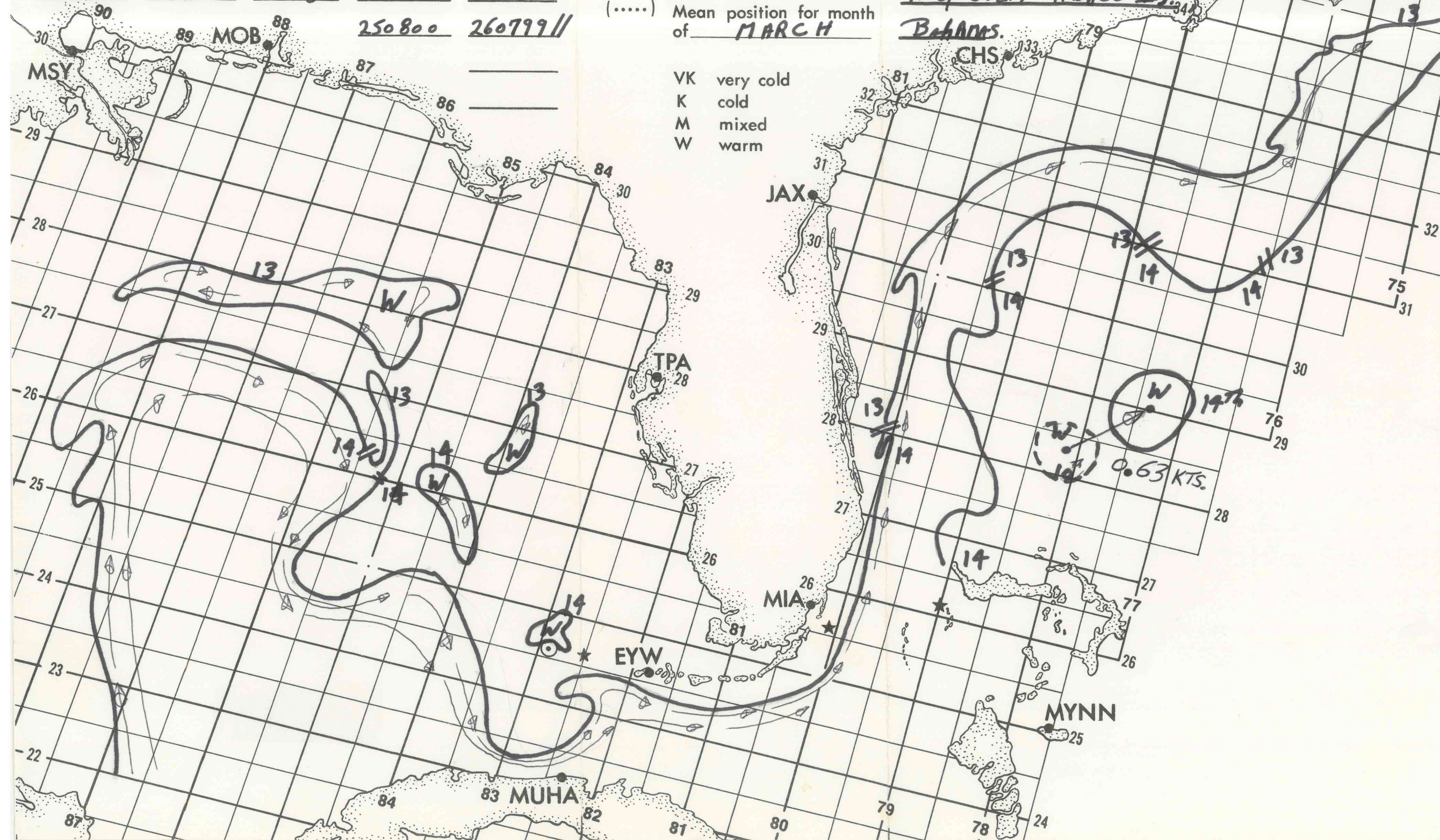
GULF STREAM SYSTEM FLOW CHART #2450

270 799 285 801 304 802 315 796 321 786
321 770 326 766 340 765 349 748 363 742
365 720 380 697 381 688 380 680
369 669 370 650 385 635 380 620

//. #4 NOTE: Warm Eddy 150 NM

N of GREAT ABACO IS.

BAHAMAS.



NNNJA
ZCZC WBC409
TBXX40 KMIA 141400

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
14 MAR 1979.

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

220868 230872 240877 250880 249882 258883 255886 260889
265885 270880 271870 270864 265855 260852 255855 250858
246858 245853 250846 251844 249840 241835 235833 233830
235825 240823 242826 244820 243815 243810 250800 260799

MAX CURRENT LIES ABOUT 8 TO 12 NM SEAWARD OF THIS LINE.

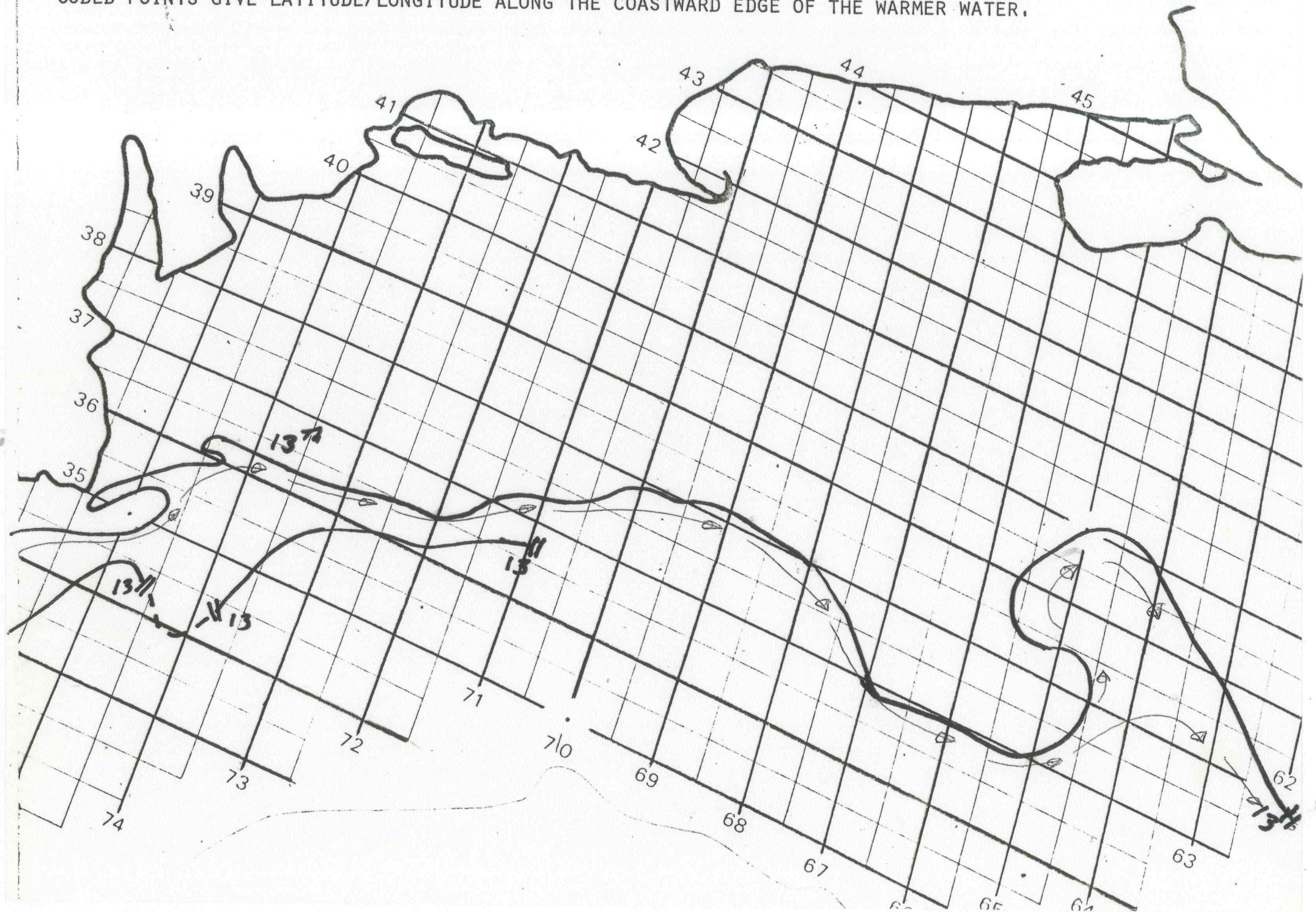
CUTOFF WARM EDDIES EXTEND 15 NM EITHER SIDE OF LINE
FRM 27.7N 88.0W TO 28.0N 85.5W. OTHER SMALLER EDDIES
CENTERED NR 26.8N 83.9W AND 25.9N 84.4W WITH 10 NM RADIUS.

DUERNBERGER

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 14 MARCH 1979

PART B

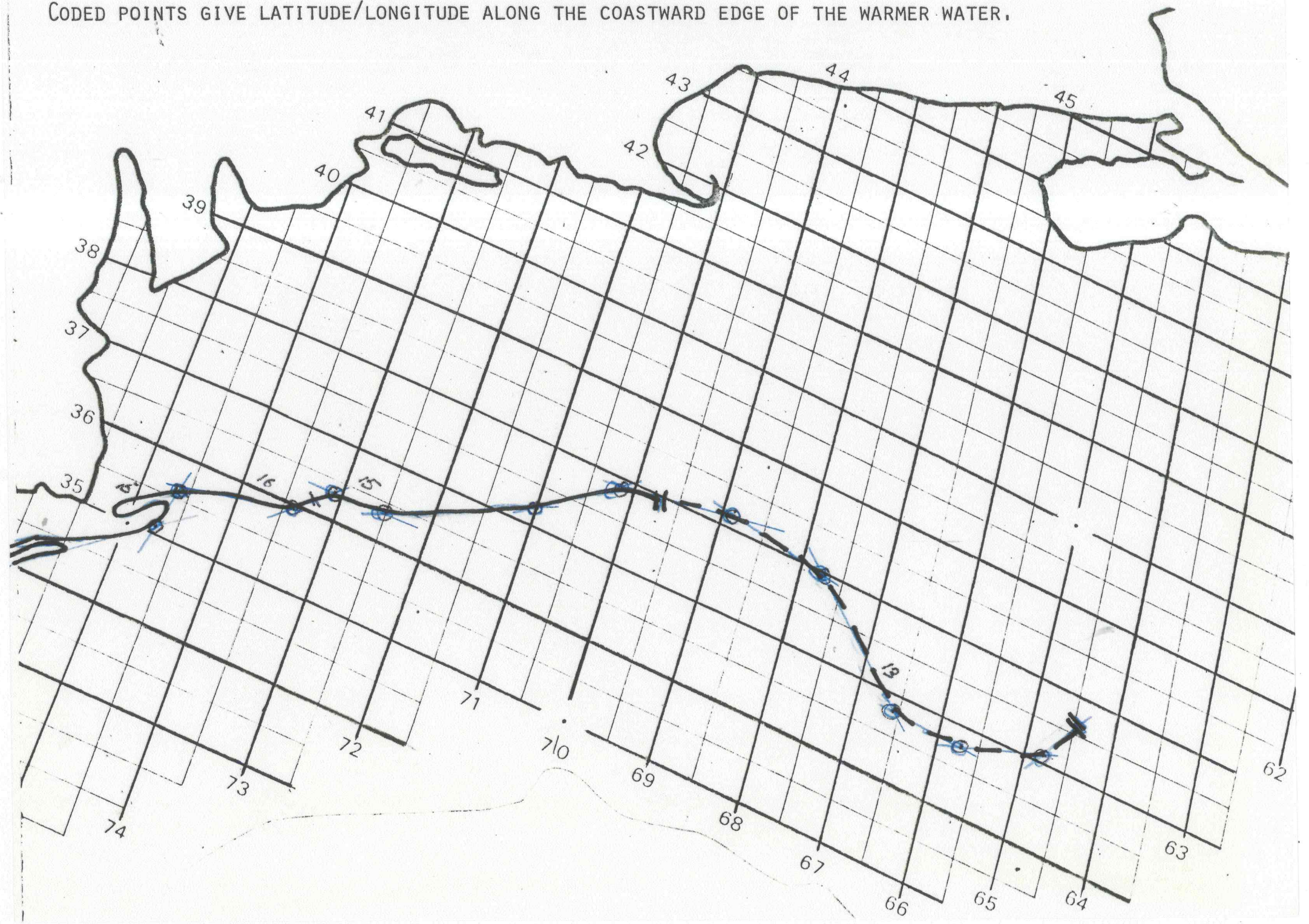
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 16 MARCH 1979

PART B

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



XGA
ZCZC WBC191
SXNT1 KWBC 162045
GULF STREAM LOCATION † THE LINE DESCRIBED BY
THE FOLLOWING SEQUENCE OF POINTS REPRESENTS
THE EST WALL OF THE GULF STREAM.

27.0/79.9 28.0/80.0 30.6/80.2
31.9/79.2 32.2/78.5 32.0/77.9
32.1/77.4 32.5/76.7 33.7/76.2
35.1/74.7 35.6/74.5 36.0/73.4
36.4/72.5 37.2/71.0 37.9/70.1
38.1/68.9 38.0/67.7 36.8/66.6
36.8/65.7 37.1/64.8

THE MAXIMUM CURRENT OF THE GULF STREAM LIES
BETWEEN 12 TO 15 MILES SEAWARD OF THIS LINE. LATEST
SATELLITE DATA MARCH 16 1979

NNNN↓A
ZCZC WBC099
BXX40 KMIA 161215

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
16 MAR 1979.

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

225869 236875 245880 256880 266884 271878 275869 273863
265855 261852 255853 248855 243855 242851 244849 250845
250842 246836 238833 235828 240820 243813 244810 247802
250800 258800 260879.

MAX CURRENT LIES ABOUT 8 TO 12 NM SEAWARD OF THIS LINE.

CUTOFF WARM EDDIES EXTEND 15 NM EITHER SIDE OF LINE
FRM 27.8N 88.0W TO 28.2N 85.5W. OTHER SMALLER EDDIES
CENTERED NR 26.8N 83.9W AND 25.9N 84.4W WITH 10 NM RADIUS.

BAIG

NNNN

ZCZC WBC164
TBXX40 KMIA 161215

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
16 MAR 1979.

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

225869 236875 245880 256880 266884 271878 275869 273863
265855 261852 255853 248855 243855 242851 244849 250845
250842 246836 238833 235828 240820 243813 244810 247802
250800 258800 260879.

MAX CURRENT LIES ABOUT 8 TO 12 NM SEAWARD OF THIS LINE.

CUTOFF WARM EDDIES EXTEND 15 NM EITHER SIDE OF LINE
FRM 27.8N 83.0W TO 28.2N 85.5W. OTHER SMALLER EDDIES
CENTERED NR 26.8N 83.9W AND 25.9N 84.4W WITH 10 NM RADIUS.

BAIG

MAR 16 7 46 AM '79

NNNN

ZCZC WBC476
TBXX40 KMIA 141400

MAR 14 9 20 AM '79

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
14 MAR 1979.

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

220868 230872 240877 250880 249882 258883 255886 260889
265885 270880 271870 270864 265855 260852 255855 250858
246858 245853 250846 251844 249840 241835 235833 233830
235825 240823 242826 244820 243815 243810 250800 260799

MAX CURRENT LIES ABOUT 8 TO 12 NM SEWARD OF THIS LINE.

CUTOFF WARM EDDIES EXTEND 15 NM EITHER SIDE OF LINE
FRM 27.7N 88.0W TO 28.0N 85.5W. OTHER SMALLER EDDIES
CENTERED NR 26.8N 83.9W AND 25.9N 84.4W WITH 10 NM RADIUS.

DUERNBERGER

GULF STREAM SYSTEM FLOW CHART # 2450

225870 235874 241877 247881 255880
 262881 270878 274873 274865 270860
 263854 259852 255852 252854 243856
 242853 243849 248845 250838 243834
 237831 235827 236823 239818 242814
 243808 248802 252800 260799 //

NOAA Miami SFSS

Date: 19 MARCH 1979

Depicted land areas should not be used for navigation.

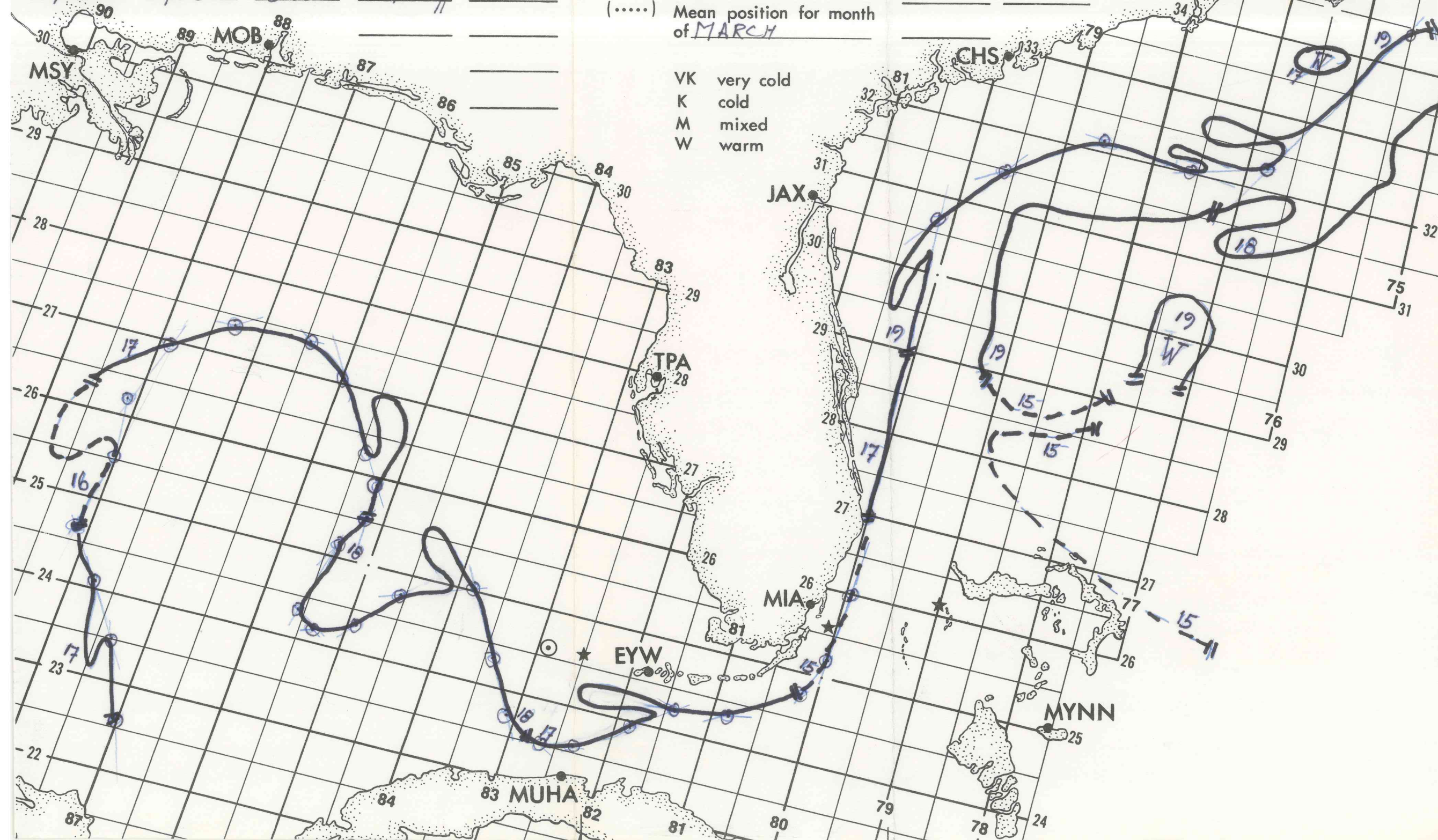
(-----) Position based on data up to 7 days old.

(.....) Mean position for month of MARCH

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART # 2450

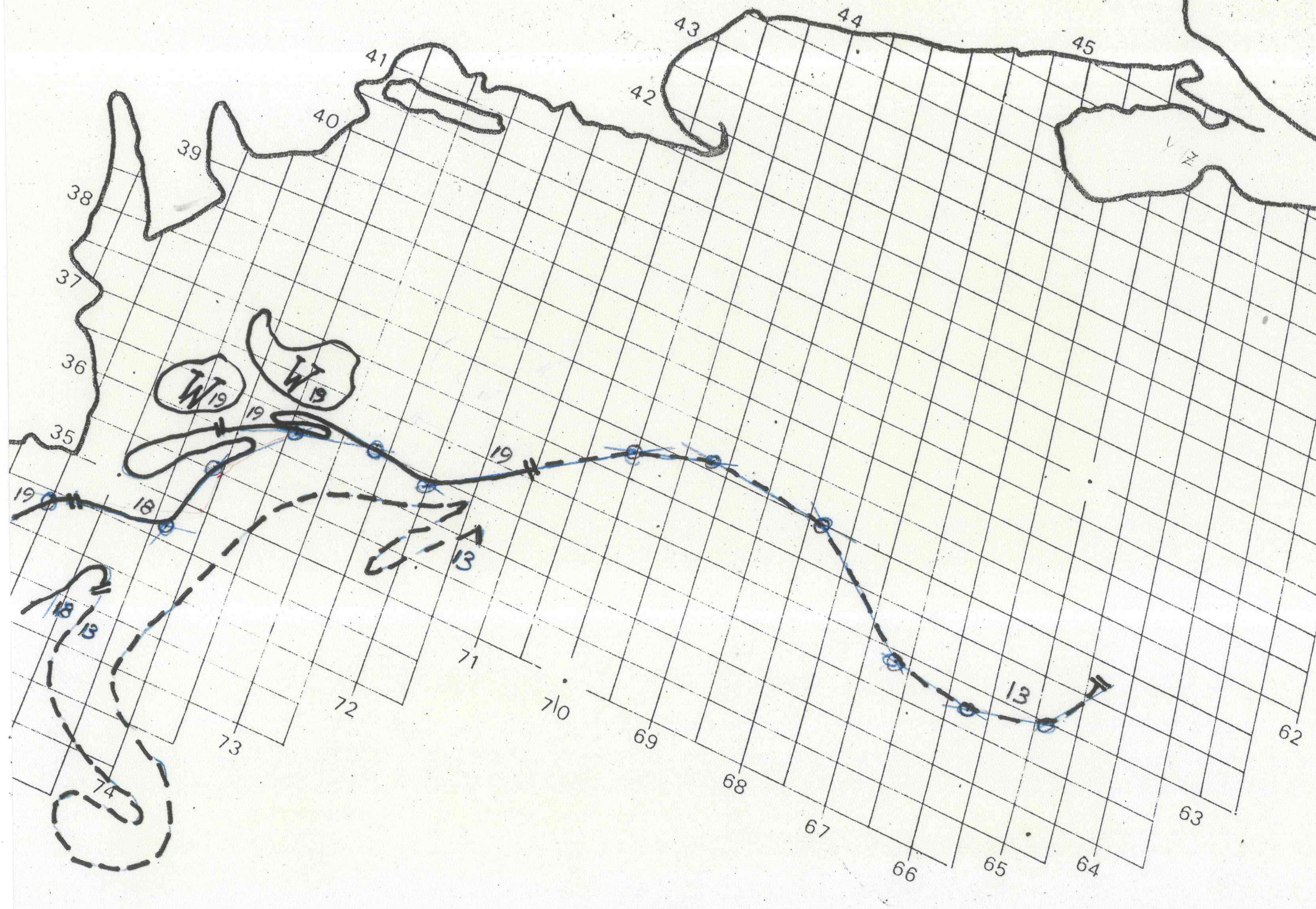
270800 307802 315796 321786 320776
 323767 344755 347744 355741 363734
 365727 364720 378700 381692
 380678 369667 367657 370649 //



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 19 MARCH 197

PART B

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



NNNN↓AKVANVAIV
↓V

ZCZC

SXNT 1 KWBC 192216

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

27.0/80.0	30.7/80.2	31.5/79.6
32.1/78.6	32.0/77.6	32.3/76.7
34.4/75.5	35.0/74.2	35.5/74.1
36.3/73.4	36.5/72.7	36.4/72.0
37.8/70.0	38.1/69.2	38.0/67.8
36.9/66.7	36.7/65.7	37.0/64.9

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATAO 3/19/79 0900Z

NNNN

NNNN↓A

ZCZC WBC783

IBXX40 KMIA 191315

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
19 MAR 1979.

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

225870	235874	241877	247881	255880	262881	270878	274873
274865	270860	263854	259852	255852	252854	243856	242853
243849	248845	250838	243834	237831	235827	236823	239818
242814	243808	248802	252800	260799.			

MAX CURRENT LIES ABOUT 8 TO 12 NM SEAWARD OF THIS LINE.

DEEP MEANDER FM 25.5N TO 26.5N BTN 88.0W AND 88.7W.
SMALLER MEANDERS FM 26.0N TO 27.0N ALG 85.3W FM 25.0N
TO 25.5N BTN 84.0W AND 84.5W AND ALG 24.2N BTN 81.5W AND
82.4W.

DATA MSTLY FM IMAGERY 17 AND 18 MARCH 79.

BAIG

220862 225863 230865 236874 243880
250884 255881 260876 270871 275867
274862 270859 265855 257850 250854
245857 240856 238850 240845 245843
250840 248835 244833 240830 237825
235820 237814 244809 246805 250801

270799 290801 312800 320793 325785
325775 331770 333761 344756 353745
366731 365718 379700 381691
378674 383655 394634 390620
11. WELL Defined Coastal Thermal Gradient.

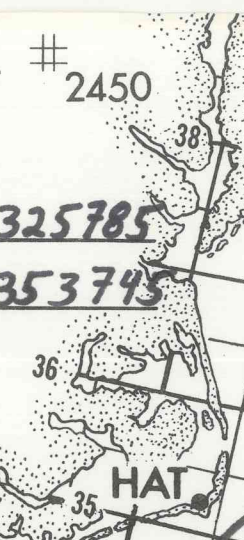
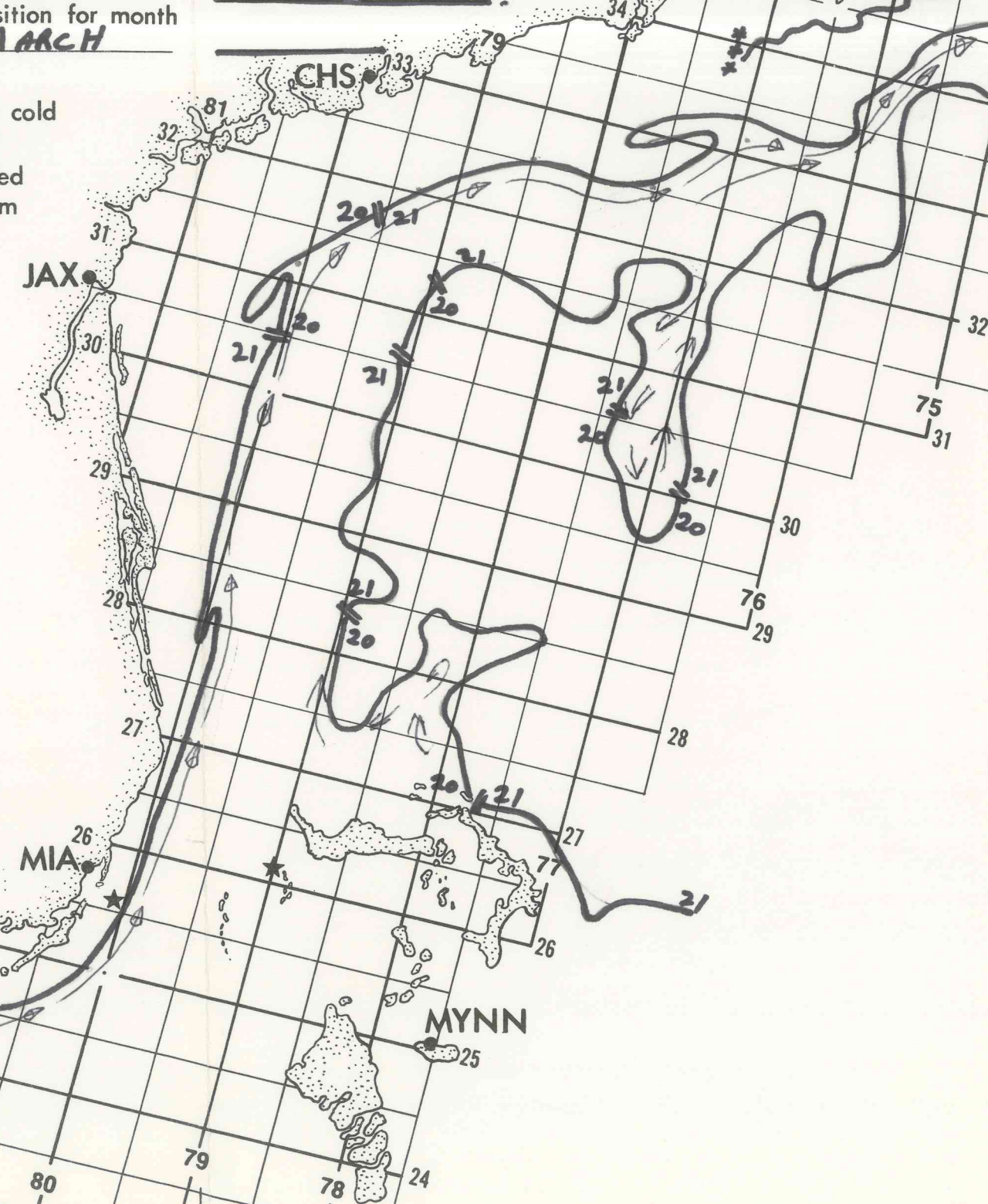
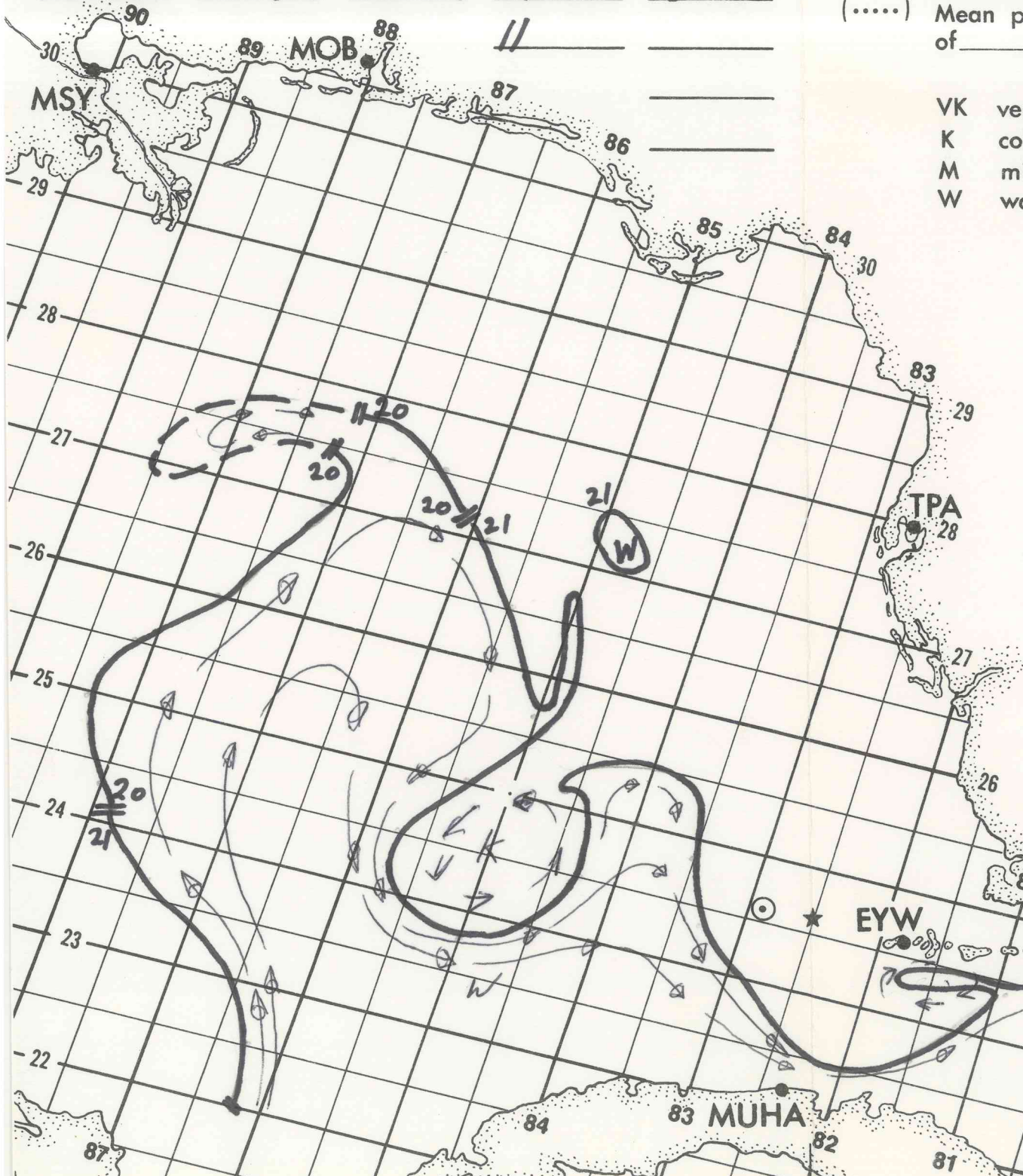
Date: 21 MARCH 1979

Depicted land areas should not be used for navigation.

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

(.....) Mean position for month of MARCH

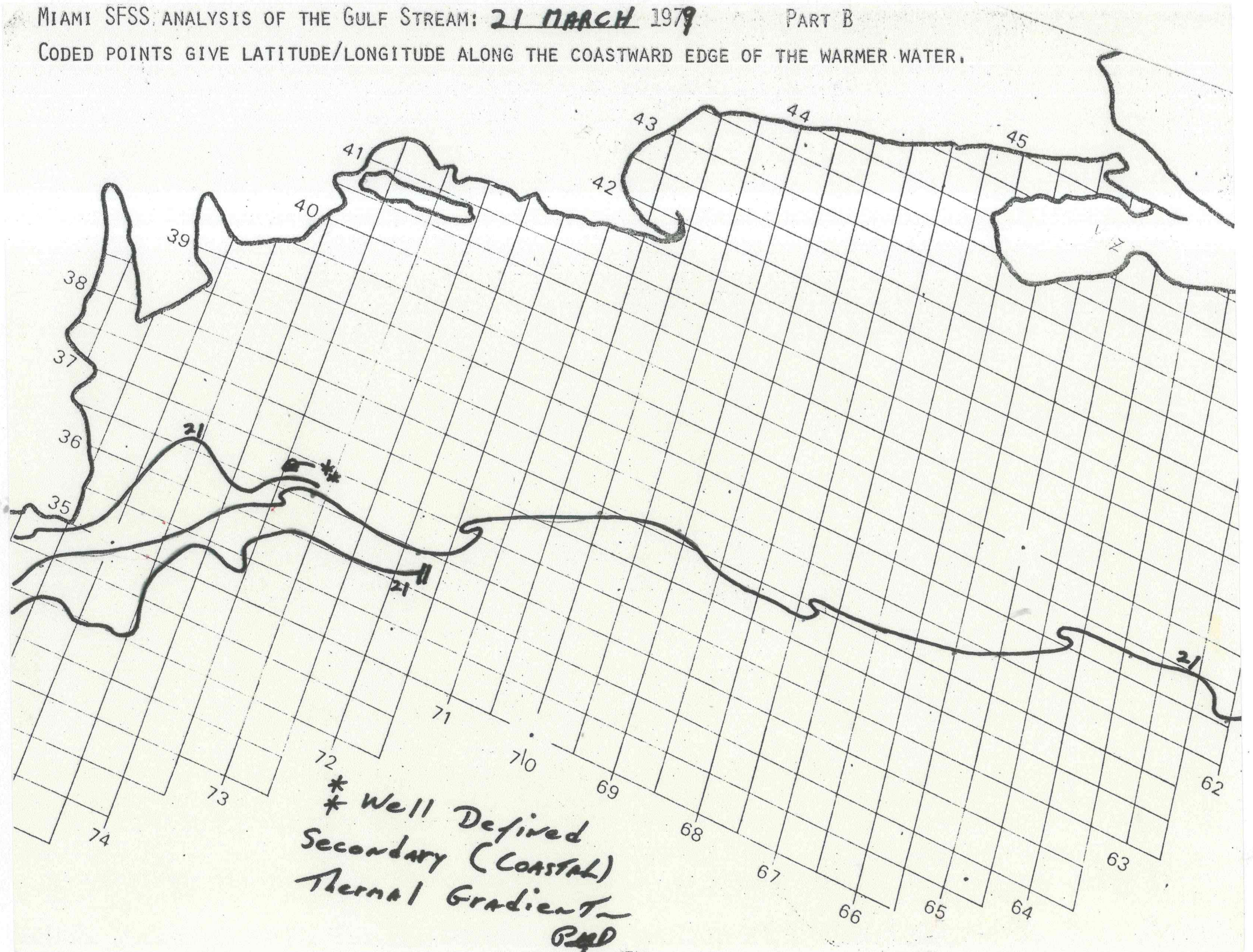
VK very cold
 K cold
 M mixed
 W warm



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 21 MARCH 1979

PART B

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



NNNN

ZCZC WBC974
TBXX40 KMIA 211500

MAR 21 10 20 AM '79

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
21 MAR 1979.

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

220862 225863 230865 236874 243880 250884 255881 260876
270871 275867 274862 270859 265855 257850 250854 245857
240856 238850 240845 245843 250840 248835 244833 240830
237825 235820 237814 244809 246805 250801.

MAX CURRENT LIES ABOUT 8 TO 12 NM SEWARD OF THIS LINE.

WARM CUTOFF EDDY 10.0 NM RADIUS CNTRD NR 27.2 N 84.8
W . COLD TONGUE BTWN 24.0N TO 25.5N BTWN 84.5W TO 85.5W
NEARS CUTOFF IN E GLF IN NEAR FUTURE.

DATA MSTLY FM IMAGERY 20 AND 21 MARCH 79.

DUERNBERGER

NNNN+A
ZCZC WBC299
TBXX40 KMIA 211500

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
21 MAR 1979.

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

220862 225863 230865 236874 243880 250884 255881 260876
270871 275867 274862 270859 265855 257850 250854 245857
240856 238850 240845 245843 250840 248835 244833 240830
237825 235820 237814 244809 246805 250801.

MAX CURRENT LIES ABOUT 8 TO 12 NM SEAWARD OF THIS LINE.

WARM CUTOFF EDDY 10.0 NM RADIUS CNTRD NR 27.2 N 84.8
W . COLD TONGUE BTWN 24.0N TO 25.5N BTWN 84.5W TO 85.5W
NEARS CUTOFF IN E GLF IN NEAR FUTURE.

DATA MSTLY FM IMAGERY 20 AND 21 MARCH 79.

DUERNBERGER

GULF STREAM SYSTEM FLOW CHART #2450

220863 226864 232867 239875 249882
 254883 259876 266873 273868 275864
 270859 265855 259852 254851 250852
 247856 242857 239854 238852 238847
 241843 245842 250837 245833 239829
 238824 235821 235817 242810 246806
 250807 255800
 260800//

NOAA Miami SFSS

Date: 23 MAR 1979

Depicted land areas should not be used for navigation.

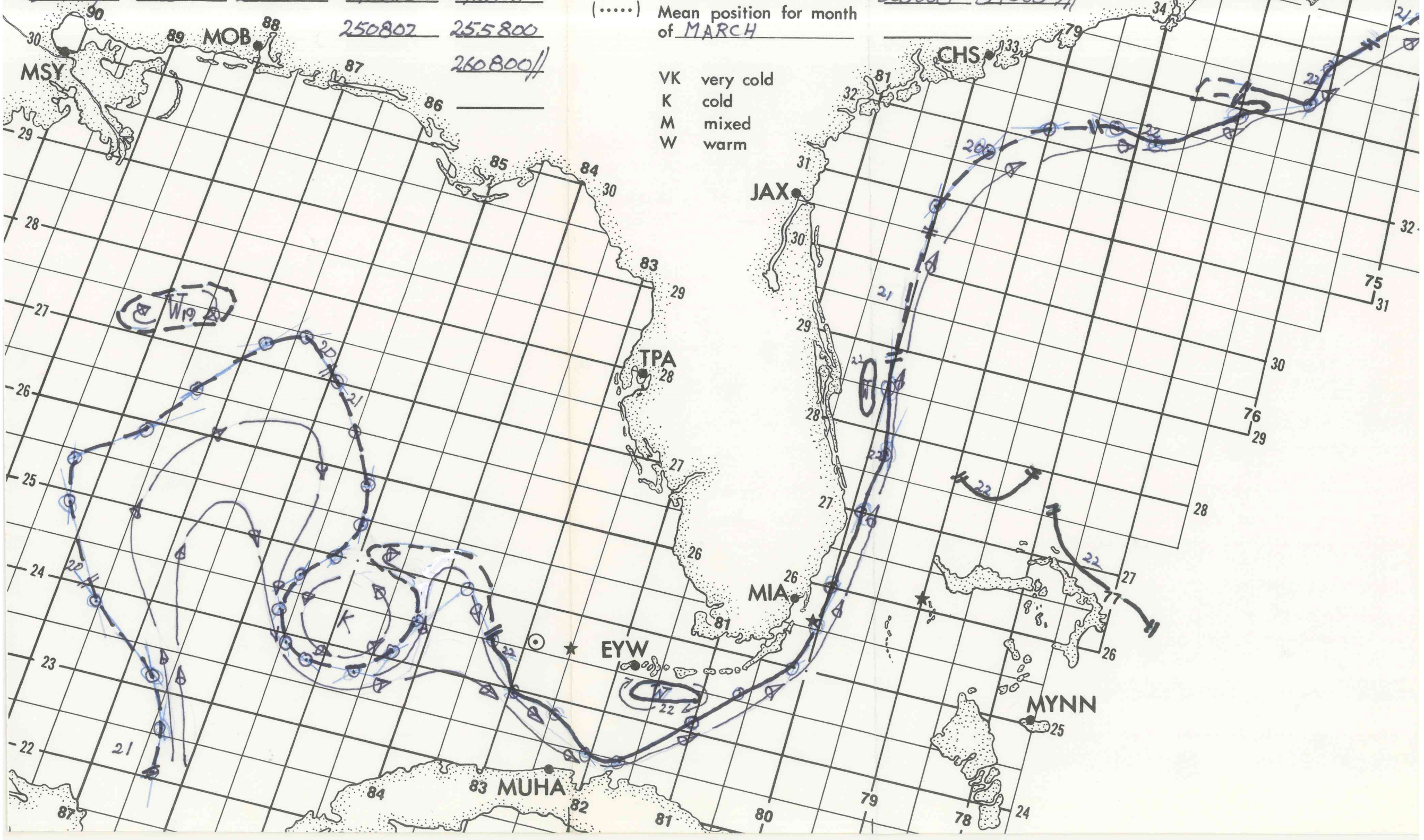
(-----) Position based on data up to 7 days old.

(.....) Mean position for month of MARCH

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART #2450

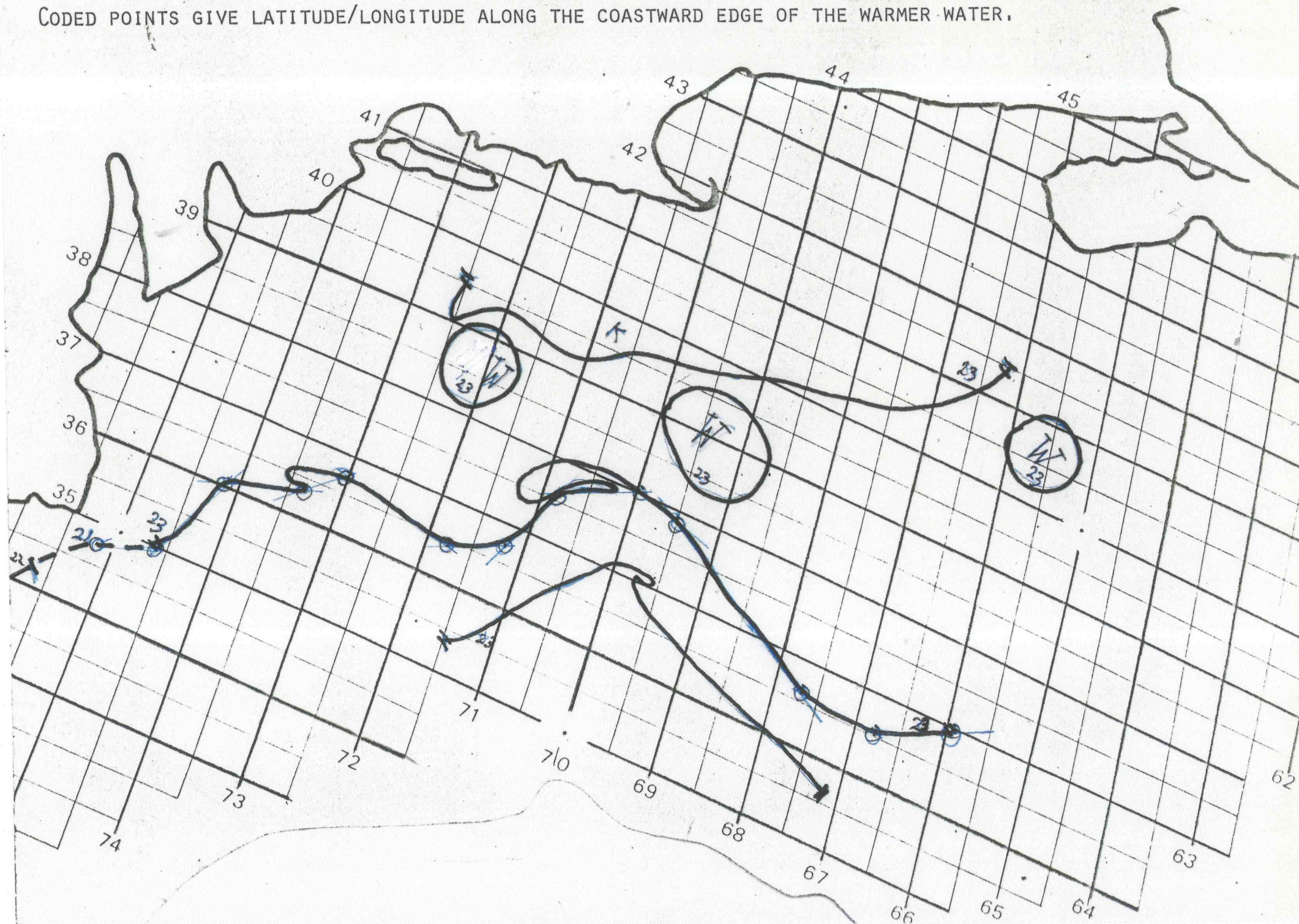
270799 278798 286880 309800 317796
 322790 324783 323778 329770 333762
 338761 348752 350746 360741
 363733 367730 365718 367712
 375708 380700 378695 366677
 365668 370659//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: MARCH 23 1979

PART B

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



MAR 23 11 34 AM '79

NNNN+A
ZCZC WBC832
TBXX40 KMIA 231445

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
23 MAR 1979.

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

220863 226864 232867 239875 249882 254883 259876 266873
273868 275864 270859 265855 259852 254851 250852 247856
242857 239854 238852 238847 241843 245842 250837 245833
239829 238824 235821 235817 242810 246806 250802 255800
260800..

MAX CURRENT LIES ABOUT 8 TO 12 NM SEAWARD OF THIS LINE.

WARM CUTOFF EDDY 10.0 NM RADIUS CNTRD NR 27.2 N 84.8W.
COLD TONGUE BTWN 23.8N TO 25.3N BTWN 84.2W TO 85.7W
NEARS CUTOFF IN E GLF IN NEAR FUTURE NOAA RESEARCH VESSEL
WILL INVESTIGATE THIS FEATURE WEEK OF 26MAR TO 02APR 79..

DATA W OF 83.5W FM IMAGERY 20 AND 21 MARCH 79. DATA E OF
8.5W FM IMAGERY 22 MAR 79.

BAIG/DUERNBERGER

ZCZC WBC023
TBXX40 KMIA 241400

SPECIAL...SPECIAL...

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
23 MAR 1979.

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

220863 226864 232867 239875 249882 254883 259876 266873
273868 275864 270859 265855 259852 254851 250852 247856
242857 239854 238852 238847 241843 245842 250837 245833
239829 238824 235821 235817 242810 246806 250802 255800
260800..

MAX CURRENT LIES ABOUT 8 TO 12 NM SEAWARD OF THIS LINE.

WARM CUTOFF EDDY 10.0 NM RADIUS CNTRD NR 27.2 N 84.8W.
COLD CUTOFF EDDY BOUNDARY POSITIONS 238850 240847
244845 249843 250848 247852 242855 239852

21MARCHIMAGERY 21

DUERNBERGER

GULF STREAM SYSTEM FLOW CHART # 2450

220865 227867 236876 246883 258882
 264875 266870 266861 265855 254848
 248852 246854 243857 240856 238854
 237850 240845 245843 250836 243832
 239826 237822 238814 244807 248802
 252800 260799//

NOAA Miami SFSS

Date: 26 MAR 1979

Depicted land areas should not be used for navigation.

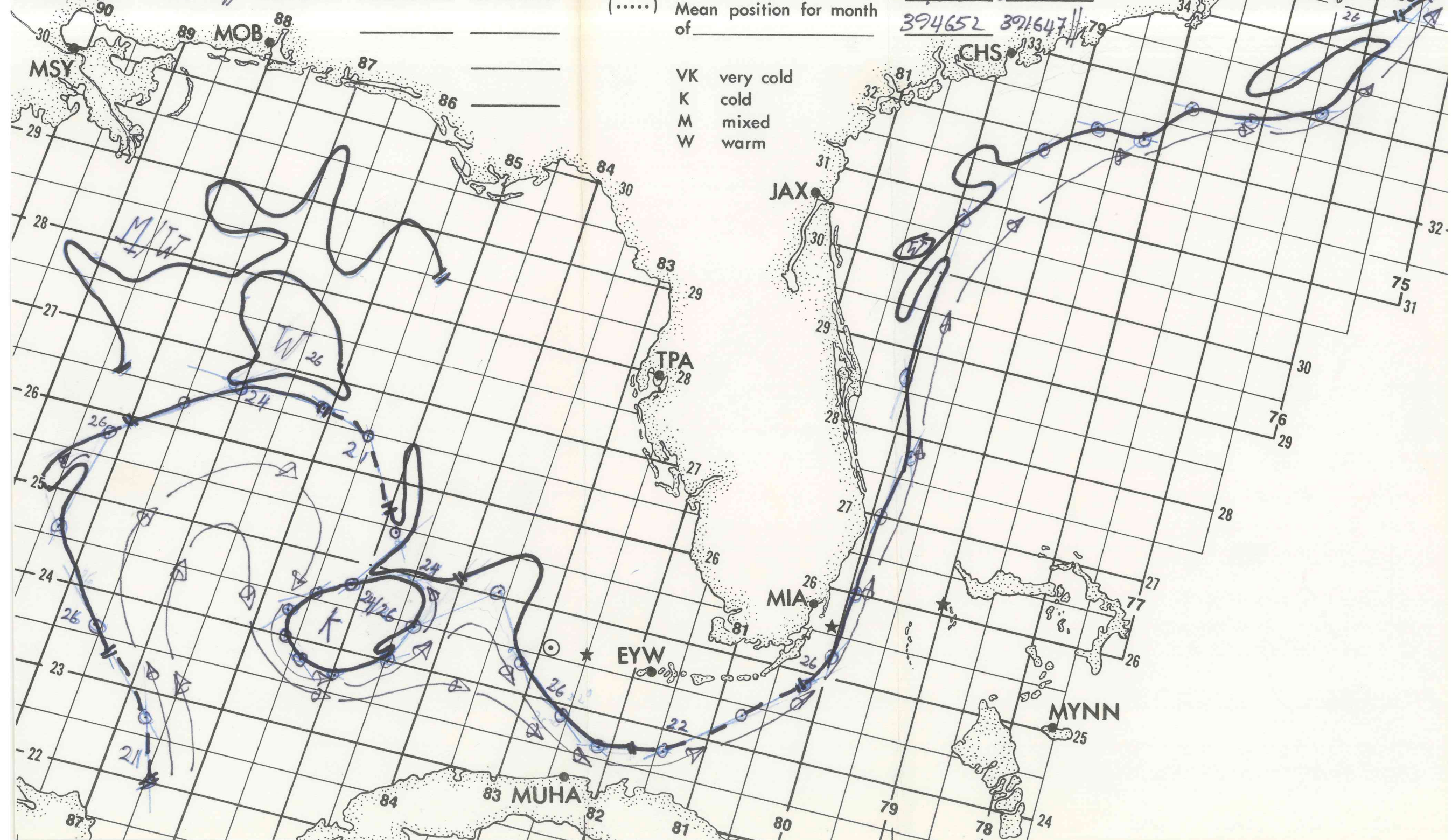
(-----) Position based on data up to 7 days old.

(.....) Mean position for month of _____

VK very cold
 K cold
 M mixed
 W warm

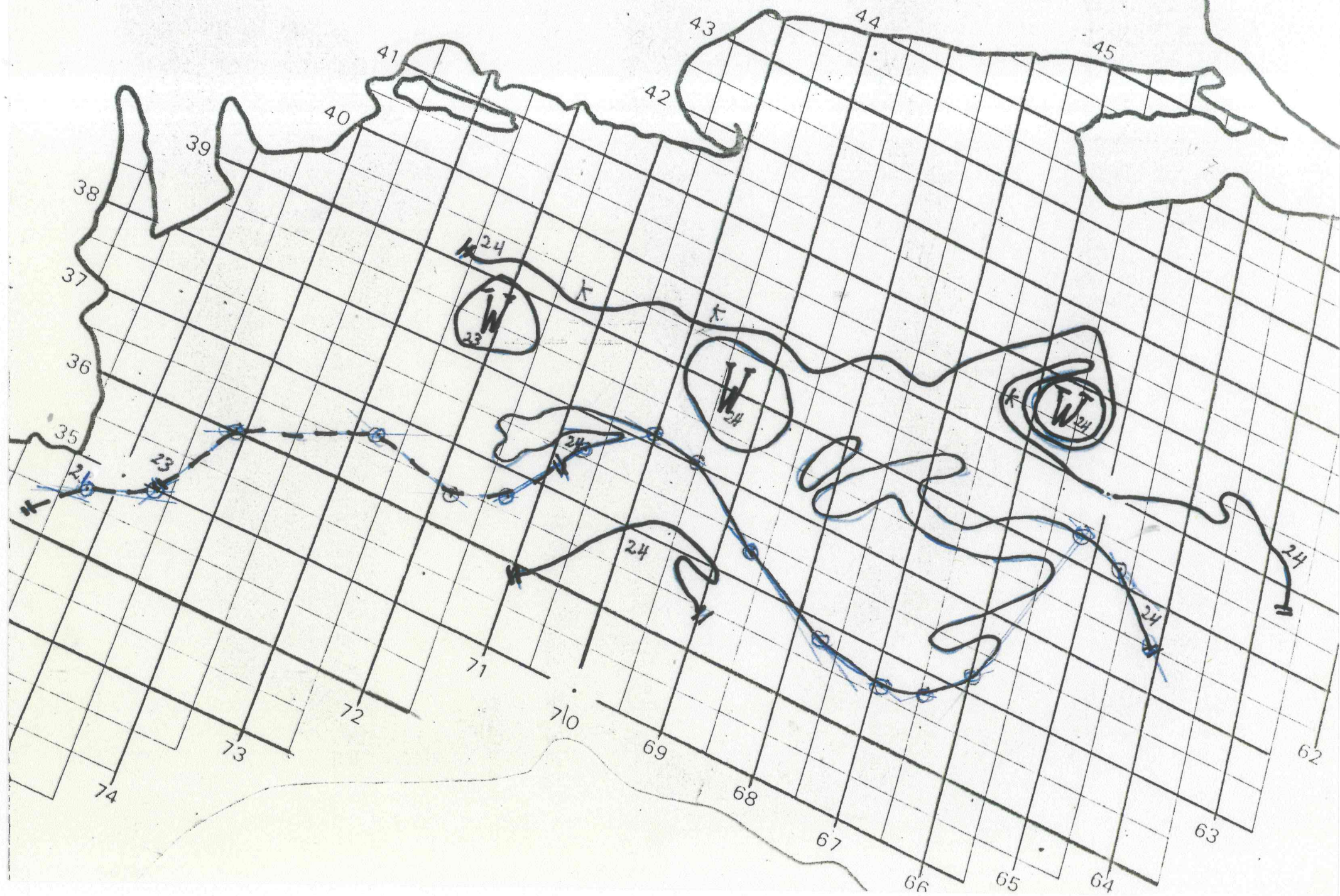
GULF STREAM SYSTEM FLOW CHART # 2450

270799 278798 287801 307799 318792
 322787 323782 328778 320771 331764
 347753 350747 360741 367728
 364718 367713 376707 381700
 380695 374687 368677 366669
 367665 372660
 394652 391647//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 26 MAR 1979 PART B

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



NNNN↓A
ZCZC WBC458
TBXX40 KMIA 261500

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
26 MAR 1979.

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

220865 227867 236876 246883 258882 264875 266870 266861
265855 254848 248852 246854 243857 240856 238854 237850
240845 245843 250836 243832 239826 237822 238814 244807
248802 252800 260799.

MAX CURRENT LIES ABOUT 8 TO 12 NM SEAWARD OF THIS LINE.

COLD CUTOFF EDDY BOUNDARY POSITIONS 237850 240845
245844 248844 250848 248852 246855 243857 240856 237850.

DATA MOSTLY FM IMAGERY 24 TO 26 MARCH 79.

BAIG/WRIGHT

V

ZCZC
SXNT1 KWBC 261945

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

27.0/79.9 27.8/79.8 28.7/80.1 30.7/79.9
31.8/79.2 32.2/78.7 32.3/78.2 32.7/77.8
32.7/77.1 33.1/76.4 34.7/75.3 35.0/74.7
36.0/74.1 36.7/72.8 36.4/71.8 36.7/71.3
36.6/70.6 38.0/70.0 38.0/69.5 37.5/68.7
36.9/67.7 36.7/66.9 36.7/66.5 37.2/65.7

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12-15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA.. 3/26/79 0900Z

GULF STREAM SYSTEM FLOW CHART # 2450

218864 226868 236875 246881 250883
 255882 260883 264882 270873 270865
 272855 263850 254850 244854 241857
 238857 237852 240845 247841 258835
 247832 244829 239818 239814 241810
 247804 256799 260799//

NOAA Miami SFSS

Date: 28 MAR 1979

Depicted land areas should not be used for navigation.

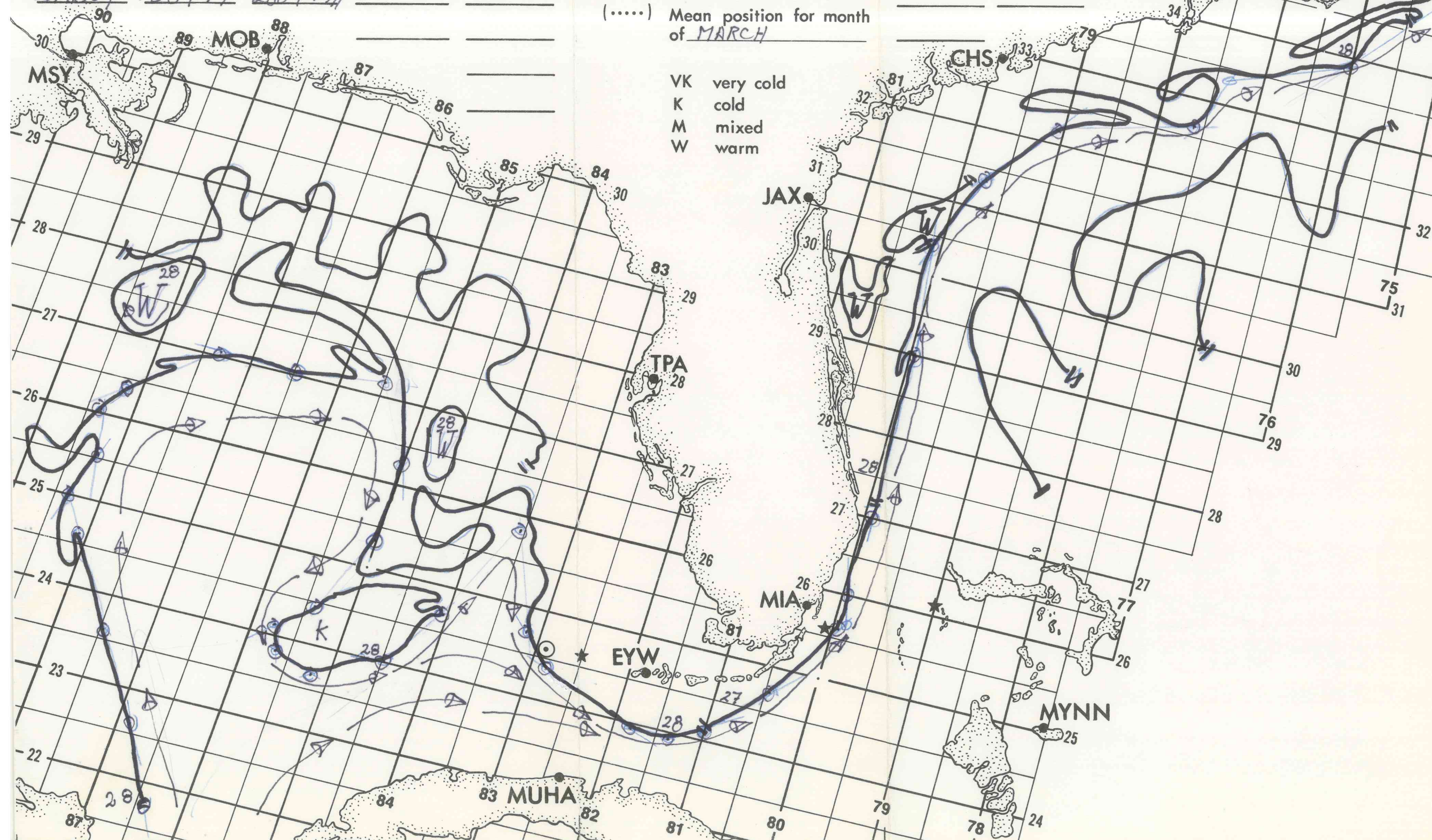
(-----) Position based on data up to 7 days old.

(.....) Mean position for month of MARCH

VK very cold
 K cold
 M mixed
 W warm

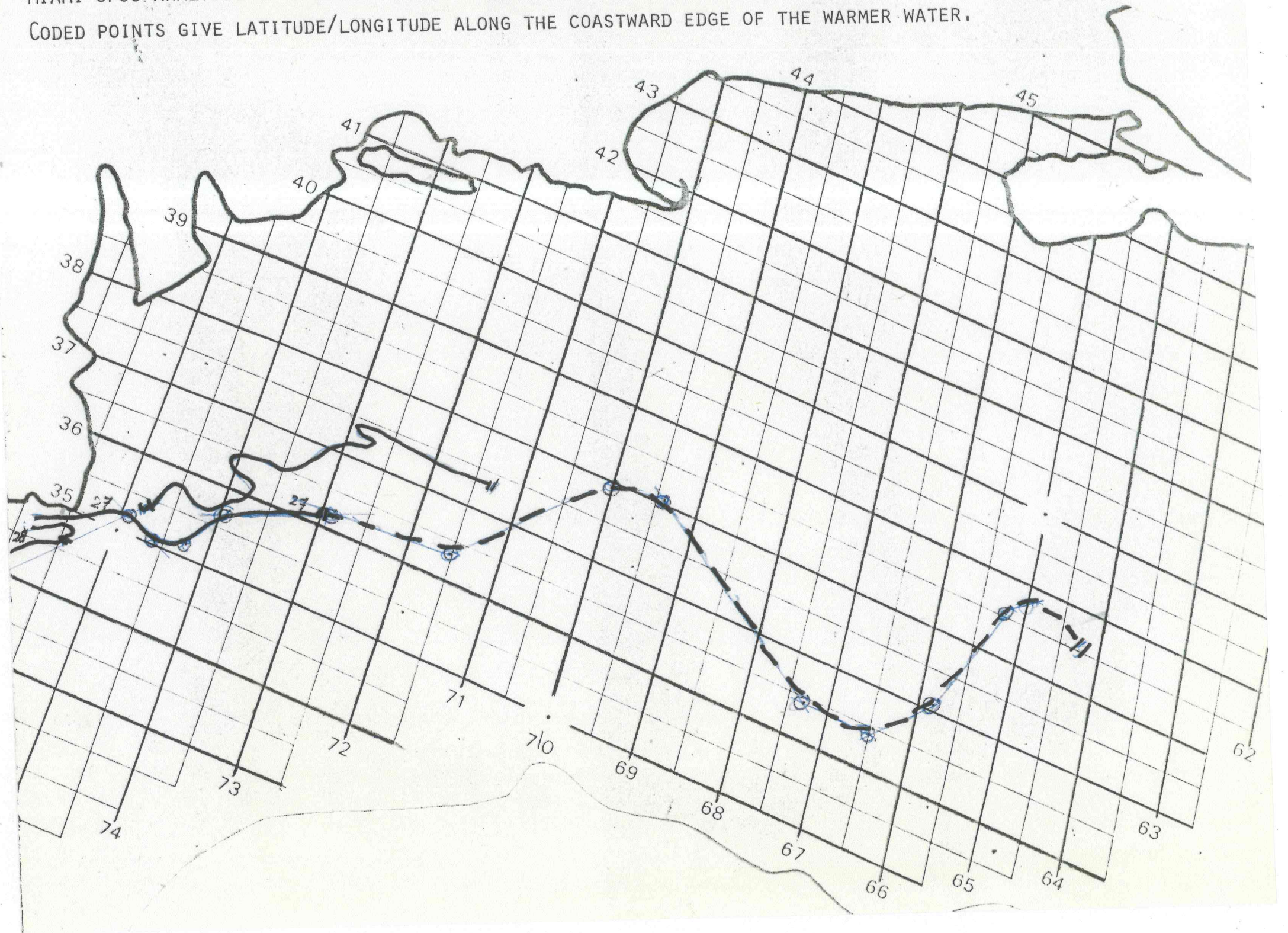
GULF STREAM SYSTEM FLOW CHART # 2450

270799 290799 304801 314797 322791
 326776 339760 352749 351746 352742
 357739 362729 364715 380700
 380694 364673 364665 371658
 386652 388650//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 28 MAR 1979 PART B

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



NNNN

ZCZC WBC465
TBXX40 KNIA 281345

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
28 MAR 1979.

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

218864 226868 236875 246881 250883 255882 260883 264882
270873 270865 272855 263850 254850 244854 241857 238857
237852 240845 247841 258835 247832 244829 239818 239814
241810 247804 256799 260799.

MAX CURRENT LIES ABOUT 8 TO 12 NM SEAWARD OF THIS LINE.

COLD CUTOFF EDDY BOUNDARY POSITIONS 237852 240845
247841 249842 248850 245854 241857 238857 237852.
WARM CUTOFF EDDY 30 NM DIAMETER CENTERED NR 27.6N 88.3W.
WARM CUTOFF EDDY APT 10 NM DIAMETER CENTERED NR 26.6N 84.6W.

DATA FM IMAGERY 28 MARCH 79.

BAIG/DUERNBERGER

NNNN

↓A
ZCZC WBC864
TBXX40 KMIA 281345

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
28 MAR 1979.

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

218864 226868 236875 246881 250883 255882 260883 264882
270873 270865 272855 263850 254850 244854 241857 238857
237852 240845 247841 258835 247832 244829 239818 239814
241810 247804 256799 260799.

MAX CURRENT LIES ABOUT 8 TO 12 NM SEAWARD OF THIS LINE.

COLD CUTOFF EDDY BOUNDARY POSITIONS 237852 240845
247841 249842 248850 245854 241857 238857 237852.
WARM CUTOFF EDDY 30 NM DIAMETER CENTERED NR 27.6N 88.3W.
WARM CUTOFF EDDY APT 10 NM DIAMETER CENTERED NR 26.6N 84.6W.

DATA FM IMAGERY 28 MARCH 79.

BAIG/DUERNBERGER

GULF STREAM SYSTEM FLOW CHART # 2450

219865 230872 242877 250883 250882
 262886 267880 270872 271864 270857
 265850 262849 251852 241857 238855
 240845 245842 255833 250832 246832
 243825 239819 240813 243808 248808
 255800 260799//

NOAA Miami SFSS

Date: 30 MARCH 1979

Depicted land areas should not be used for navigation.

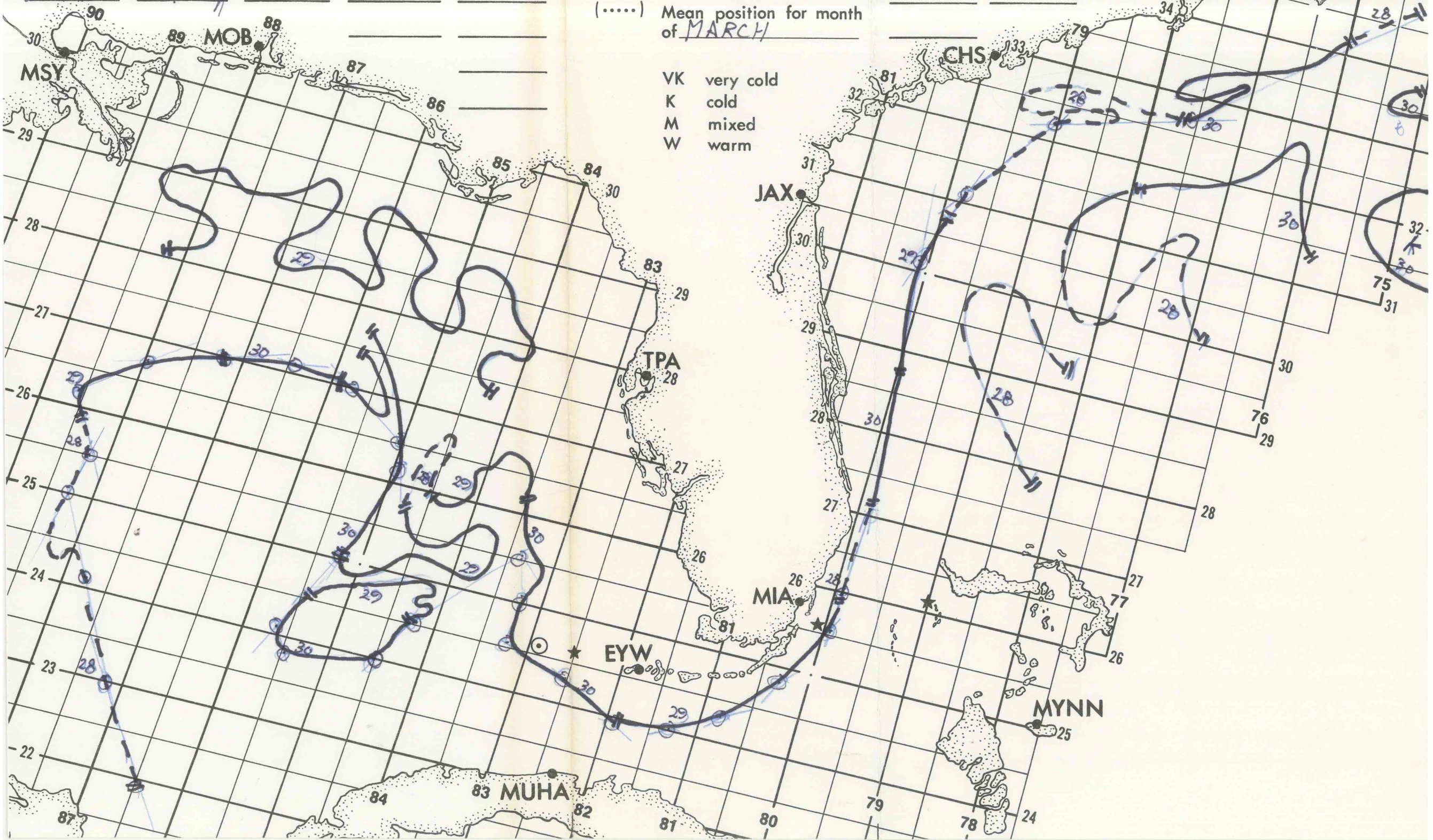
(-----) Position based on data up to 7 days old.

(.....) Mean position for month of MARCH

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART # 2450

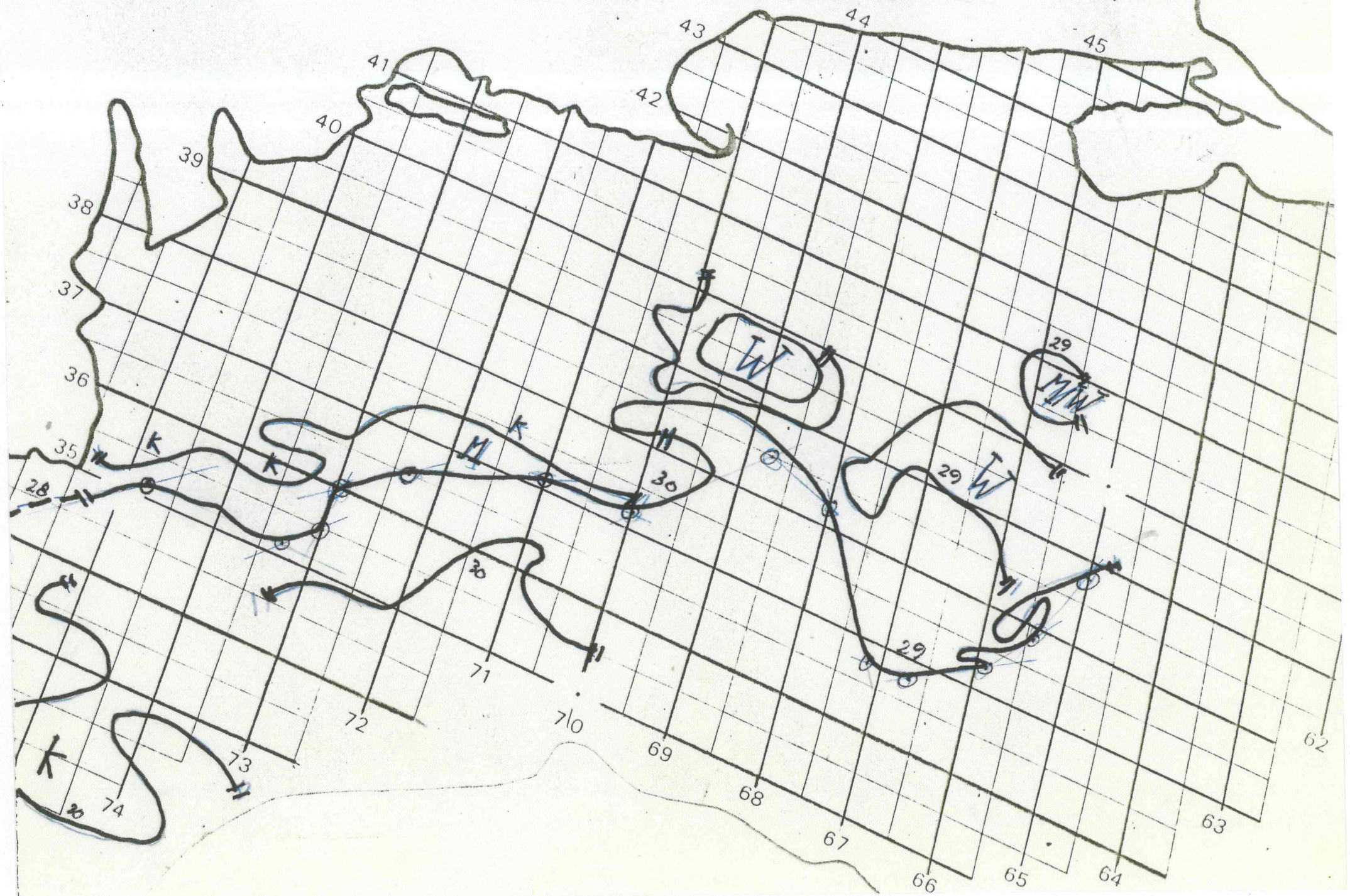
270799 302801 311798 322790 327776
 351748 351733 355730 360729 365723
 371710 372700 385687 382680
 367672 368667 373659 379654
 388650//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 30 MARCH 1979

PART B

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



V

ZCZC

SXNT I WBC 302030

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. 3/ 80. 0 29. 9/ 80. 3 31. 2/ 79. 9

31. 7/ 79. 5 31. 9/ 79. 1 32. 3/ 77. 5 33. 4/ 76. 4

34. 6/ 75. 7 34. 5/ 75. 2 35. 7/ 74. 5 35. 8/ 72. 7

36. 2/ 71. 3 36. 2/ 70. 9 36. 4/ 70. 8 37. 0/ 71. 3

37. 2/ 71. 2 38. 0/ 70. 1 37. 9/ 68. 1 37. 0/ 67. 3

37. 0/ 67. 0 37. 8/ 67. 2 38. 2/ 67. 0 38. 6/ 65. 4

38. 7/ 64. 0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 † 15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA † 4/30/79 AT 0900Z