

GULF STREAM SYSTEM FLOW CHART # 2450

218866 231869 238869 248874 256876
 266882 269875 271865 270857 264848
 258848 253852 246855 240857 235856
 234853 237849 245842 254835 245831
 243824 240820 242810 246804 252801
 260799//

NOAA Miami SFSS

Date: 02 APRIL 1979

Depicted land areas should not be used for navigation.

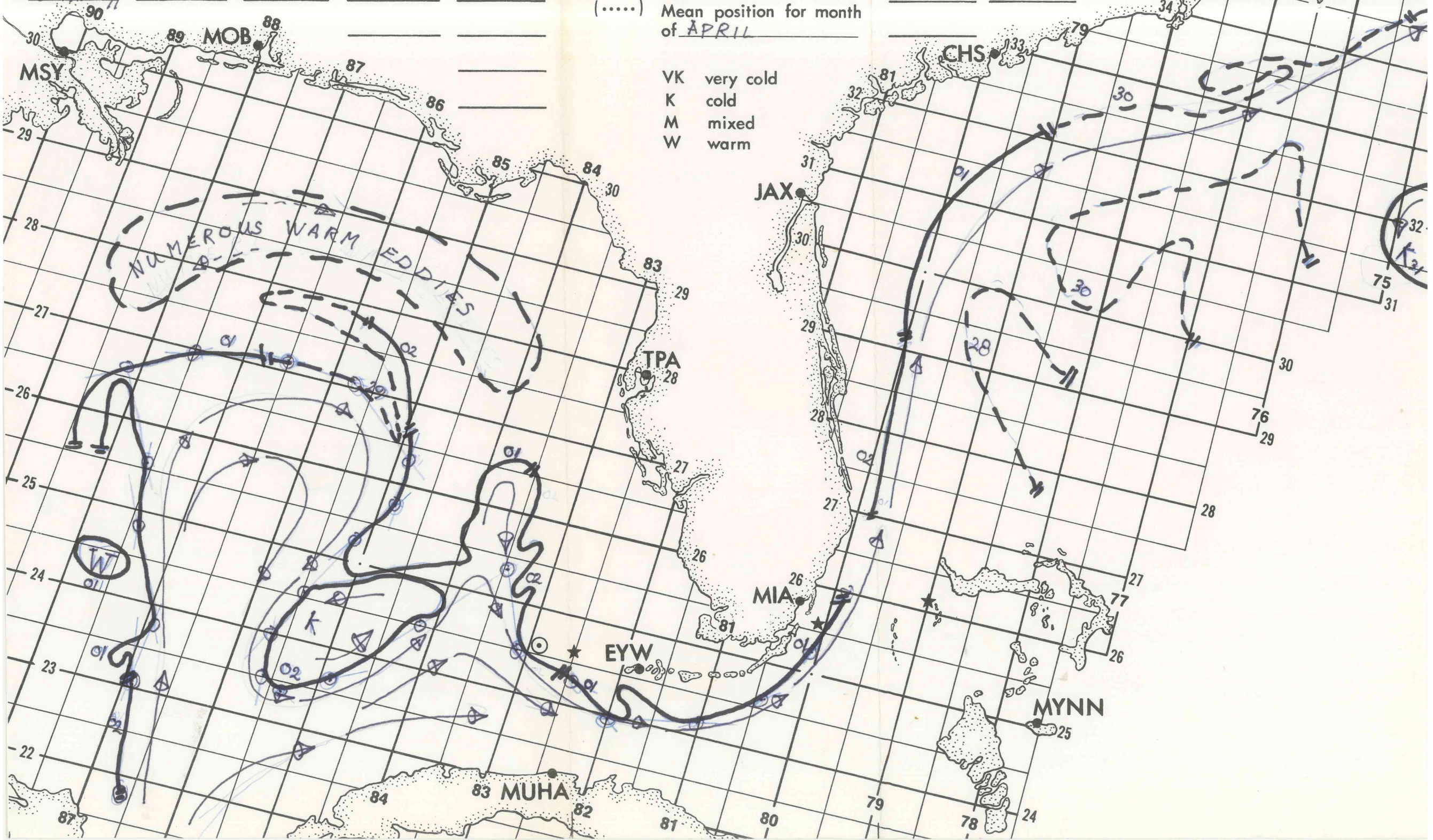
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART # 2450

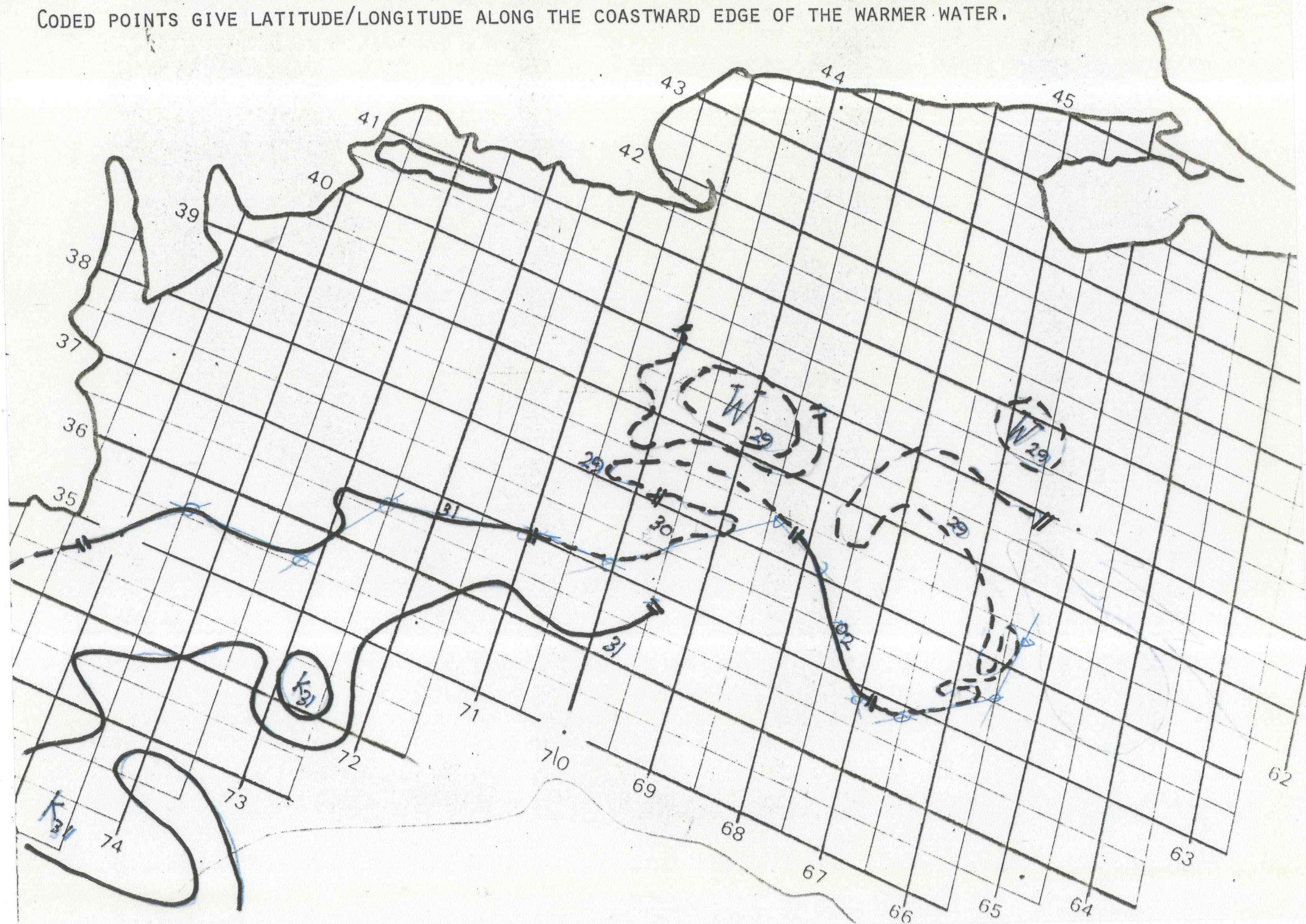
270799 305801 316796 322790 327782
 328773 356745 356732 366725 376710
 371700 380684 381678 369670
 369665 375655 381653//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 02 APRIL 1979

PART B

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



NNNN↓A

ZCZC WBC316

TBXX40 KMIA 021430

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

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

218866 231869 238869 248874 256876 266882 269875 271865
270857 264848 258848 253852 246855 240867 235856 234853
237849 245842 254835 245831 243824 240820 242810 246804
252801 260799.

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

COLD CUTOFF EDDY BOUNDARY POSITIONS 240857 235856 234853
237849 248839 250843 246855 240857.

NUMEROUS WARM EDDIES IN AREA FM 27.5N TO 29.0N BTN 84.0W
AND 89.0W.

DATA FM IMAGERY 01 AND 02 APR 79.

BAIG

NNNN

ZCZC WBC201
TBXX40 KNIA 021430

APR 2 9 40 AM '79

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

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

218866 231869 238869 248874 256876 266882 269875 271865
270857 264848 258848 253852 246855 240867 235856 234853
237849 245842 254835 245831 243824 240820 242810 246804
252801 260799.

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

COLD CUTOFF EDDY BOUNDARY POSITIONS 240857 235856 234853
237849 248839 250843 246855 240857.
NUMEROUS WARM EDDIES IN AREA FM 27.5N TO 29.0N BTN 84.0W
AND 89.0W.

DATA FM IMAGERY 01 AND 02 APR 79.

BTIG

NNNN

ZCZC WBC904
TBXX40 KMIA 041400

APR 4 9 10 AM '79

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
04 APR 1979.

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

220867 230869 240870 250875 255875 264880 267880 270873
271865 270857 265850 260848 254851 250852 245855 240860
236860 234855 236849 242844 246841 252836 250833 245830
240820 240815 245805 250801.

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

CLOUD COVER OVER THE GULF PREVENTS SIGNIFICANT UPDATES SINCE 0
2 APRIL.

DATA FROM IMAGERY 02 AND 04 APR 79.

DUERNBERGER

NNNN↓A
ZCZC WBC749
TBXX40 KMIA 041400

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
04 APR 1979.

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

220867 230869 240870 250875 255875 264880 267880 270873
271865 270857 265850 260848 254851 250852 245855 240860
236860 234855 236849 242844 246841 252836 250833 245830
240820 240815 245805 250801.

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

CLOUD COVER OVR E GLF PREVENTS SIGNIFIGANT UPDATESINCE 0
2 APRIL.

DATA FOMAGERY 02 AND 04 APR 79.

DUERNBERGER

220867 230869 240870 250875 255875
 264880 267880 270873 271865 270857
 265850 260848 254851 250852 245855
 240860 236860 234855 236849 242844
 246841 252836 250833 245830 240820
 240815 245805 250801 //

NO SIGNIFICANT
DATA SINCE 02
APRIL.

Date: 04 APRIL 1979

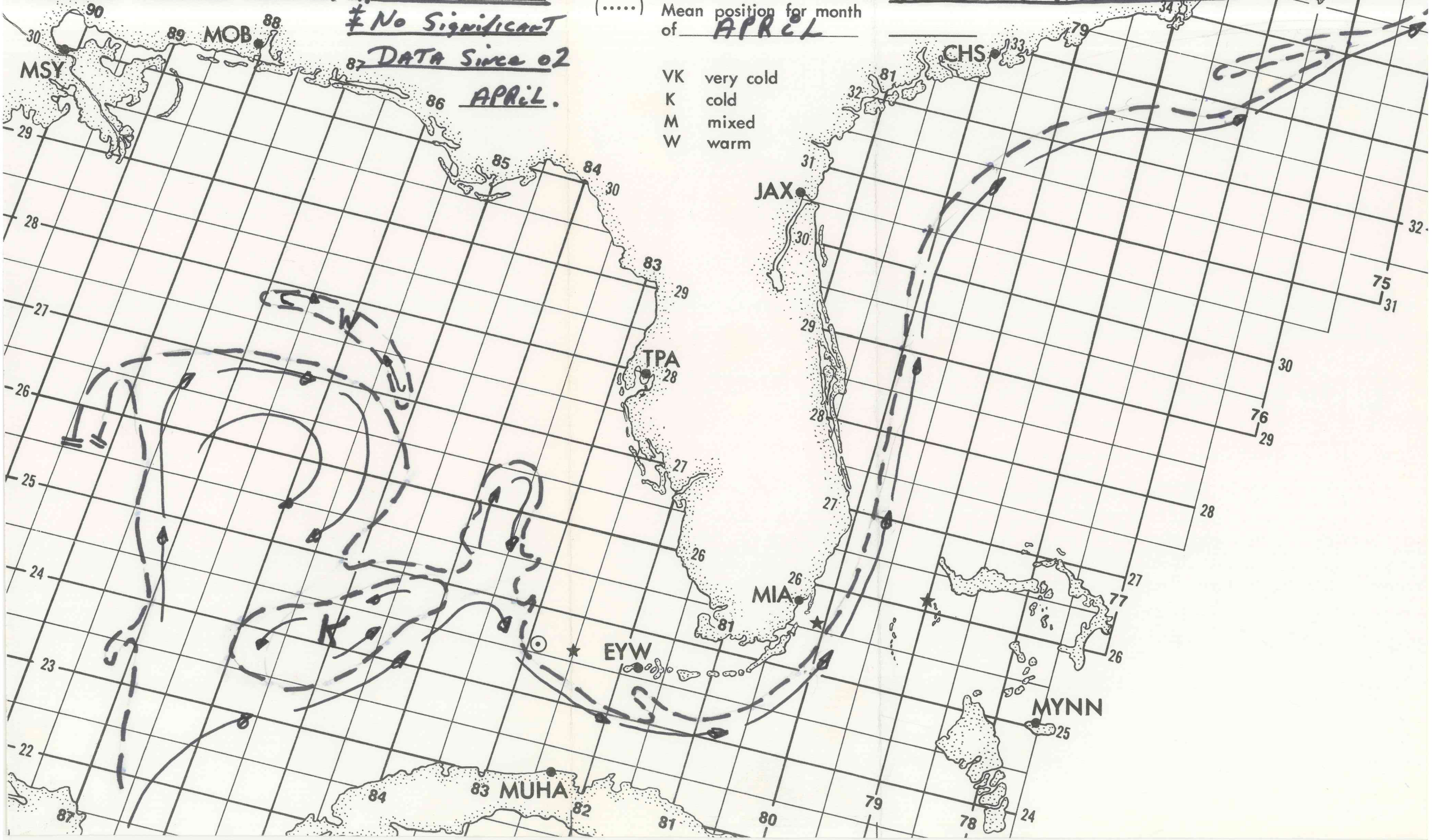
Depicted land areas should not be used for navigation.

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

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

VK very cold
 K cold
 M mixed
 W warm

270799 270800 305801 315796 325785
 328772 341760 356745 356732 366725
 370710 371700 380684 381678
 369670 369665 375655 381653
 // * NO UPDATE SINCE 02 APRIL



GULF STREAM SYSTEM FLOW CHART #2450

223868 230873 240874 250878 259882
 265879 271874 274864 272852 268843
 257842 247852 242859 237860 234858
 233854 242844 250834 245832 243824
 240819 243807 250802 257800 260799//

NOAA Miami SFSS

Date: 06 APR 1979

Depicted land areas should not be used for navigation.

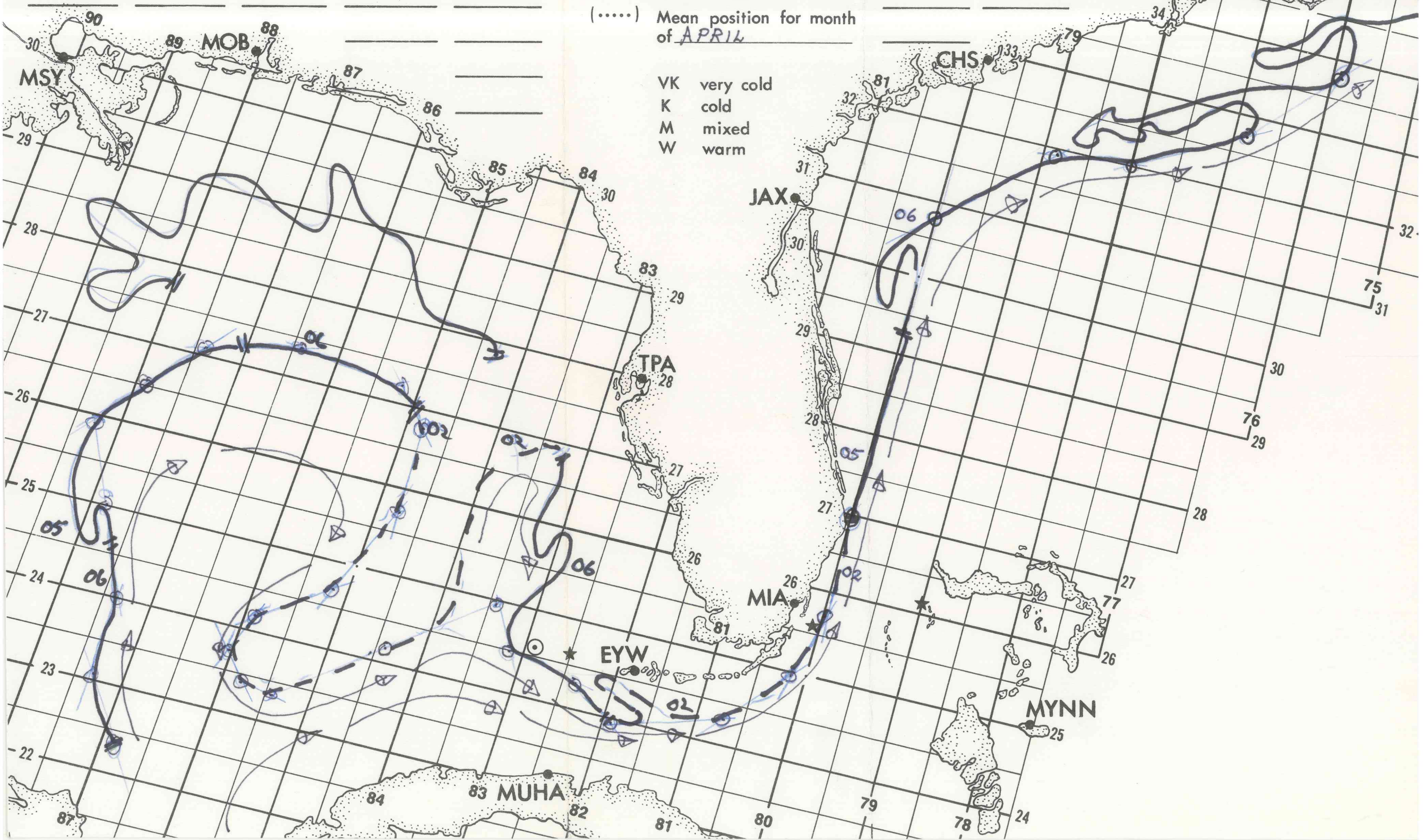
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

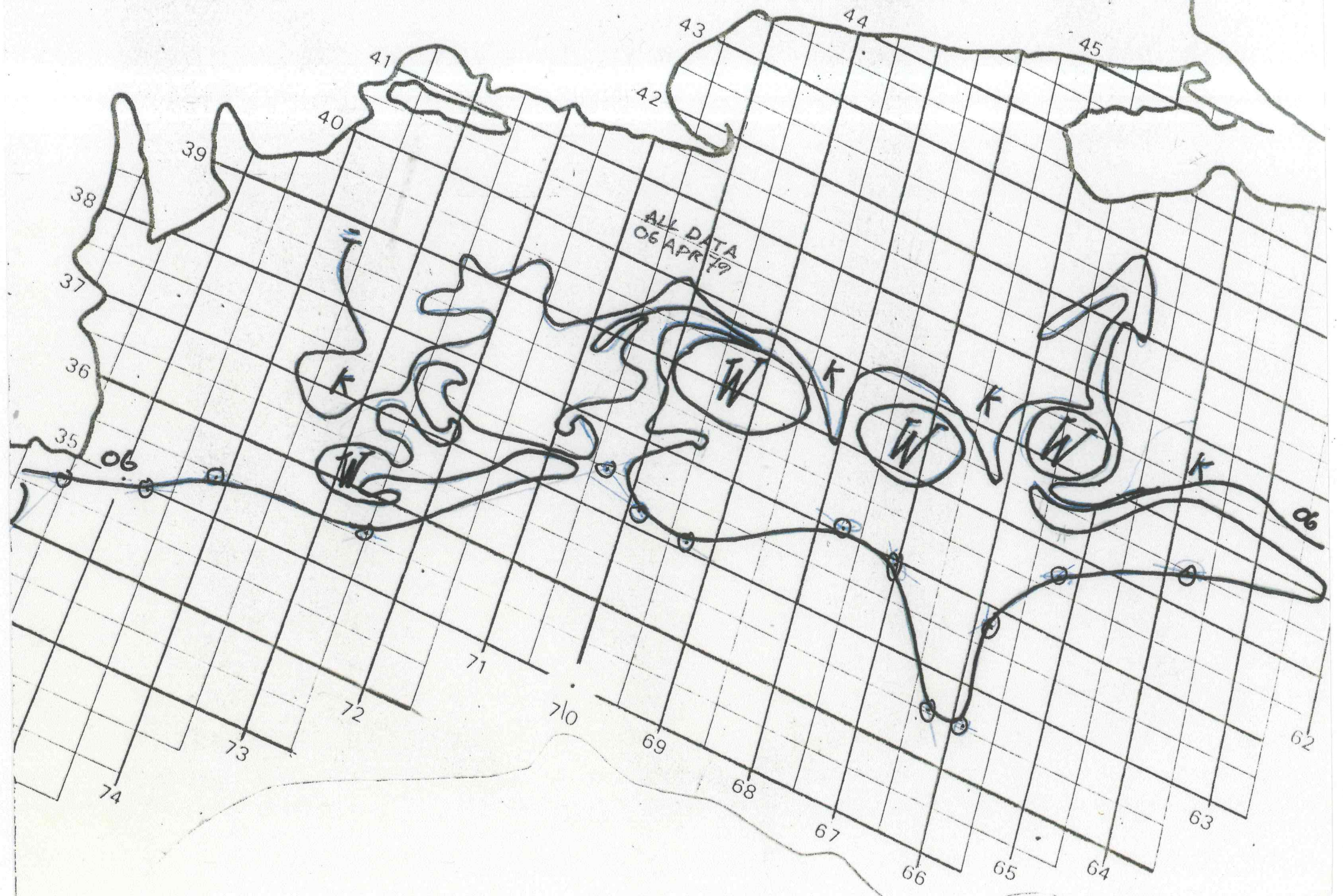
GULF STREAM SYSTEM FLOW CHART #2450

270800 308800 319788 320780 327768
 338759 347755 350747 355744 356725
 375703 372699 371693 380677
 379676 365663 365659 378658
 387652 395637//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 06 APR 1979 PART B

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



NNNN↓A
ZCZC WBC201
TBXX40 KMIA 061500

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
06 APR 1979.

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

223868 230873 240874 250878 259882 265879 271874 274864
272852 268843 257842 247852 242859 237860 234858 233854
242844 250834 245832 243824 240819 243807 250802 257800
260799.

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

DATA FM IMAGERY 02 THRU 06 APR 79.

BAIG

↓A
ZCZC WBC258
SXNTI KWBC 062040

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

27.0/80.0	30.8/80.0	31.9/78.8	32.0/78.0
32.7/8.8	33.8/75.9	34.7/75.5	35.0/74.7
35.4/74.1	35.6/72.5	37.4/70.3	37.3/69.9
37.2/69.3	38.0/67.7	37.9/67.0	36.5/66.3
36.5/65.9	37.8/65.8	38.7/65.2	39.5/63.7

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA 4/6/79 0823Z

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

223869 232873 240874 250878 259882
 265878 272867 271860 269853 266842
 264834 252838 247850 240859 239864
 235863 236858 235850 238842 242834
 242827 244820 245813 248805 254801
 260800

NOAA Miami SFSS

Date: 09 APR 1979

Depicted land areas should not be used for navigation.

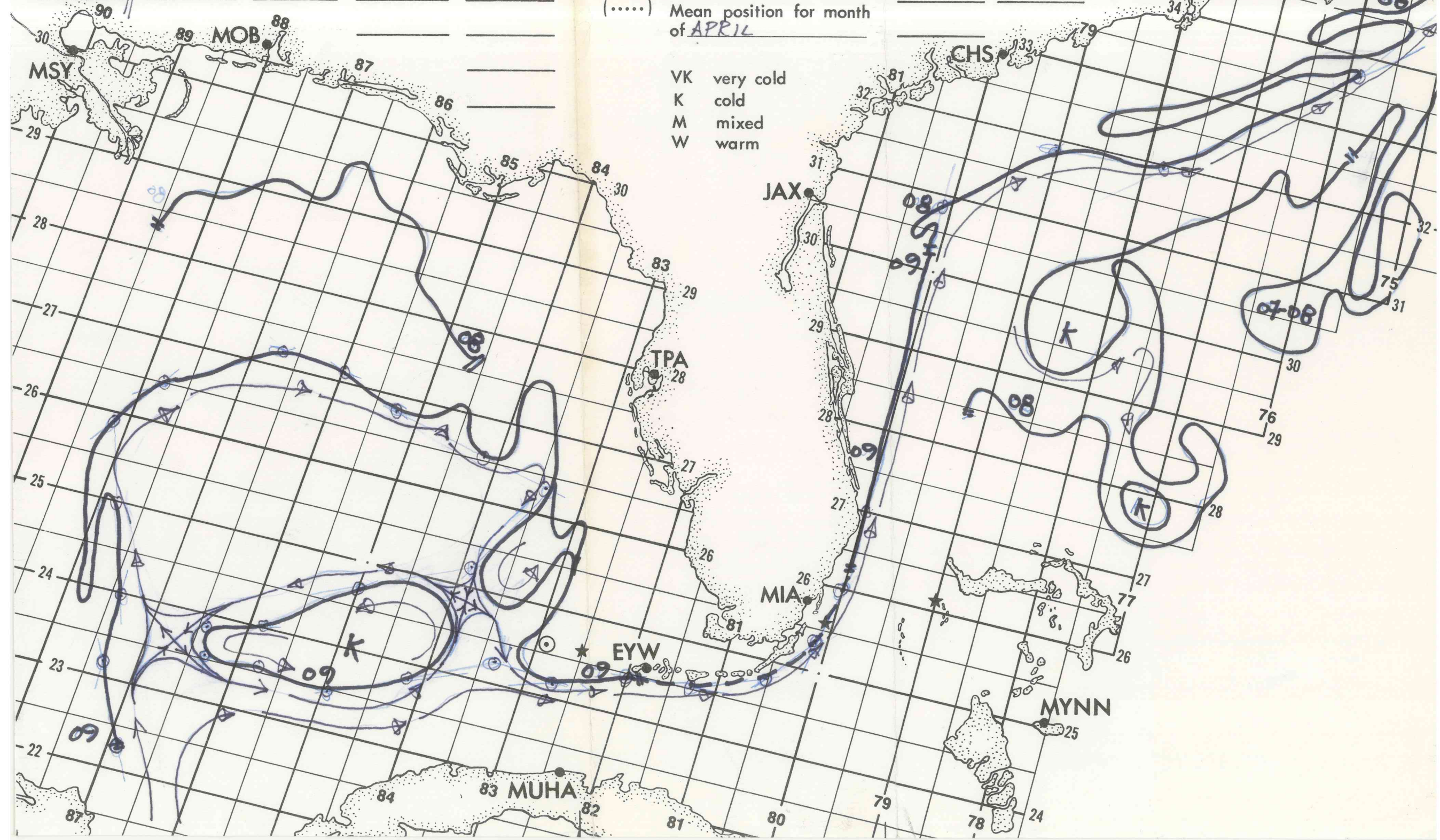
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART # 2450

270800 308801 318790 320778 337759
 352748 352743 356735 359717 369712
 374702 371697 372690 379681
 382670 367664 366660 372656
 384652 390647



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

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



NNNN
ZCZC WBC881
TBXX40 KMIA 091415

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

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

223869 232873 240874 250878 259882 265878 272867 271860
269853 266842 264834 252838 247850 240859 239864 235863
236858 235850 238842 242834 242827 244820 245813 248805
254801 260800.

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

COLD EDDY FM 23.5N TO 25.0N BTN 83.9W AND 86.4W IS MORE DETACHED
FM FLORIDA COASTAL WATER AND APPEARS TO BE DEFLECTING A
CONSIDERABLE
PORTION OF YUCATAN CHANEL FLOW TO THE EAST IN THE AREA SOUTH OF
23.5N.

AT THE SRFACE THE LOOP CURRENT APPEARS TO BE NEARING THE STAGE OF
A
CUT OFF WARM EDDY.

DATA FM IMAGERY 09 APR 79.

BAIG

NNNN

ZCZC WBC737
TBXX40 KMIA 091415

APR 9 9 50 AM '79

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

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

223869 232873 240874 250878 259882 265878 272867 271860
269853 266842 264834 252838 247850 240859 239864 235863
236858 235850 238842 242834 242827 244820 245813 248805
254801 260800.

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

COLD EDDY FM 23.5N TO 25.0N BTN 83.9W AND 86.4W IS MORE DETACHED
FM FLORIDA COASTAL WATER AND APPEARS TO BE DEFLECTING A
CONSIDERABLE
PORTION OF YUCATAN CHANNEL FLOW TO THE EAST IN THE AREA SOUTH OF
23.5N.

AT THE SRFACE THE LOOP CURRENT APPEARS TO BE NEARING THE STAGE OF
A
CUT OFF WARM EDDY.

DATA FM IMAGERY 09 APR 79.

BAIG

220868 225869 222873 230874 235871
 234865 235860 236855 235850 237845
 240840 245835 243831 242827 244820
 244815 245810 247805 250802 //

DIGITAL DATA 4/10/79 INDICATES
LARGE CUTOFF FLOW N of 24.5N
IN E GLF.

Date: 11 APRIL 1979

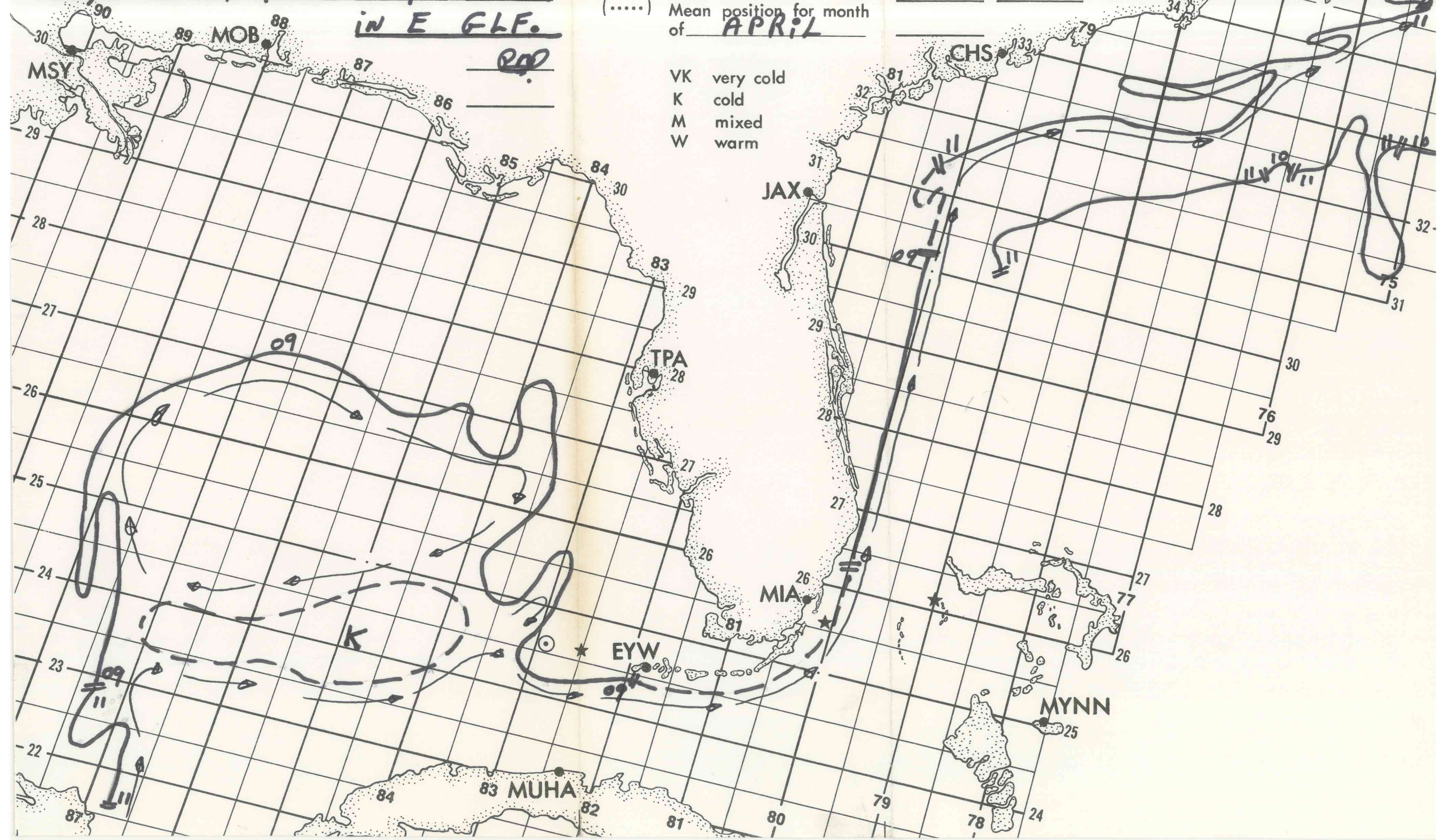
Depicted land areas should not be used for navigation.

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

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

VK very cold
 K cold
 M mixed
 W warm

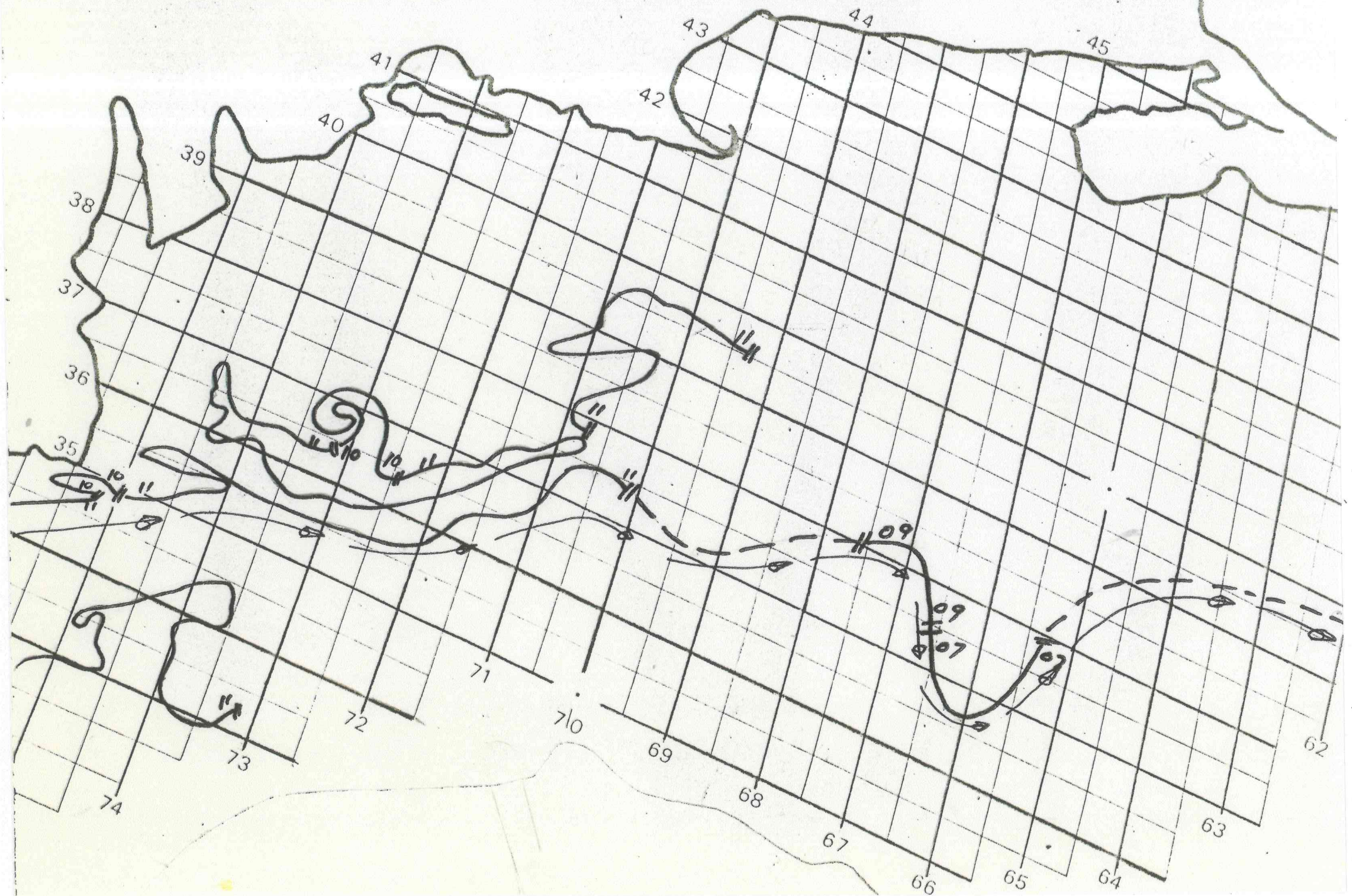
270800 290800 314801 323790 325789
 325775 336768 340761 345757 355739
 356721 375705 371692 382670
 366660 387650 394640 398620
 //



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 11 APRIL 197

PART B

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



WU INFOMASTER

*
NHC NWS CGBL

004094A101 0957EST

ZCZC 00001 COLLECT CORAL GABLES FL AVR

11

TWX 710 938 5961 WU FYISVC MAWA

FYI SVC UPPER SADDLE RIVER NJ

BT

LOOP REPORT 11 APR 1979

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
11 APR 1979.

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

220363 225369 222373 230374 235371 234365 235360 236355
235350 237345 240340 245335 243331 242327 244320 244315
245310 247305 250302

MAX CURRENT LIES ABOUT 3 TO 12 NM SEAWARD OF THIS LINE.

COLD EDDY FM 23.5N TO 25.0N BTN 83.9W AND 87.0W IS DETACHED
FM FLORIDA COASTAL WATER. DIGITAL DATA FROM 10 APRIL INDICATES
WARM CUTOFF FLOW N OF 24.5N FM 83.5W TO 83.0W IN E GLF. MAIN FLOW
REMAINS IN FL STRAITS S OF 24.5N FROM YUCATAN CHANNEL. REFER TO
CHART 2450 TROPAN CIRCUIT FOR DETAIL ANALYSIS..

DATA FM IMAGERY 10 AND 11 APR 79.

DUERNBERGER/BAIG

NESS/NWS VIA WESTERN UNION
NATIONAL WEATHER SERVICE CORAL GABLES FL
TELEX 515769 NHC NWS CGBL
NNNN

ACCEPTED
(MSG NBR NOT IDENTIFIED) VALID SVC DESIGNATOR NOT RECD - ERROR CORRECD

1-PC

NNNN

ZCZC

SXNT 1 MWBC 112126

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

27.0/80.0	29.0/80.0	31.4/80.1
32.3/79.0	32.5/78.4	32.5/77.5
33.6/76.8	34.0/76.1	34.5/75.7
35.5/73.9	35.6/72.1	37.5/70.5
37.1/69.2	38.2/67.0	36.6/66.0
38.7/65.0	39.4/64.0	39.8/62.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 † 15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA.. 4/11/79 0900Z

NNNN

GULF STREAM SYSTEM FLOW CHART #2450

216868 225870 235865 235853 237843
 243835 241829 244821 245811 248805
 253801 260800//

NOAA Miami SFSS

Date: 13 APR 1979

Depicted land areas should not be used for navigation.

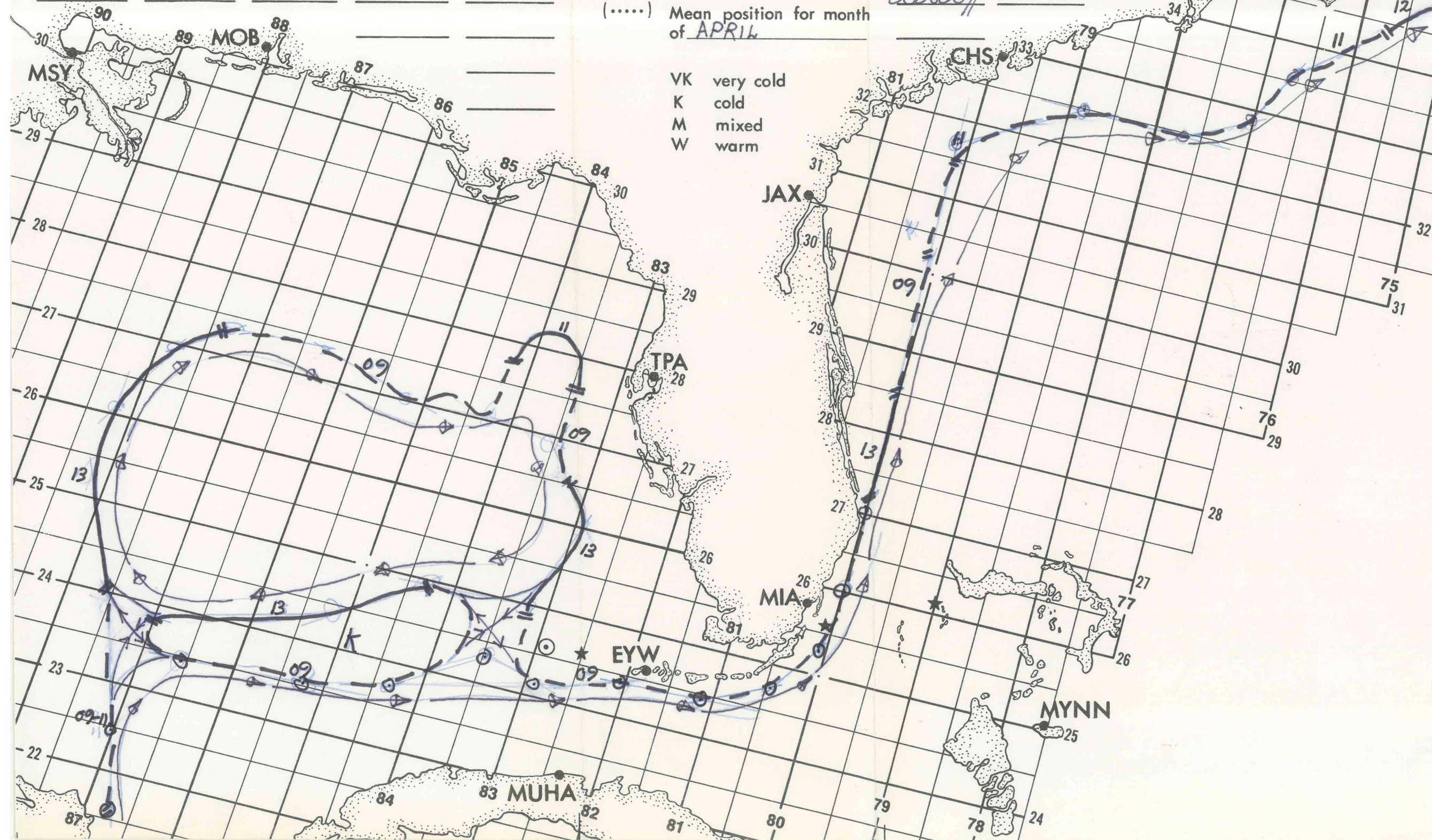
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART #2450

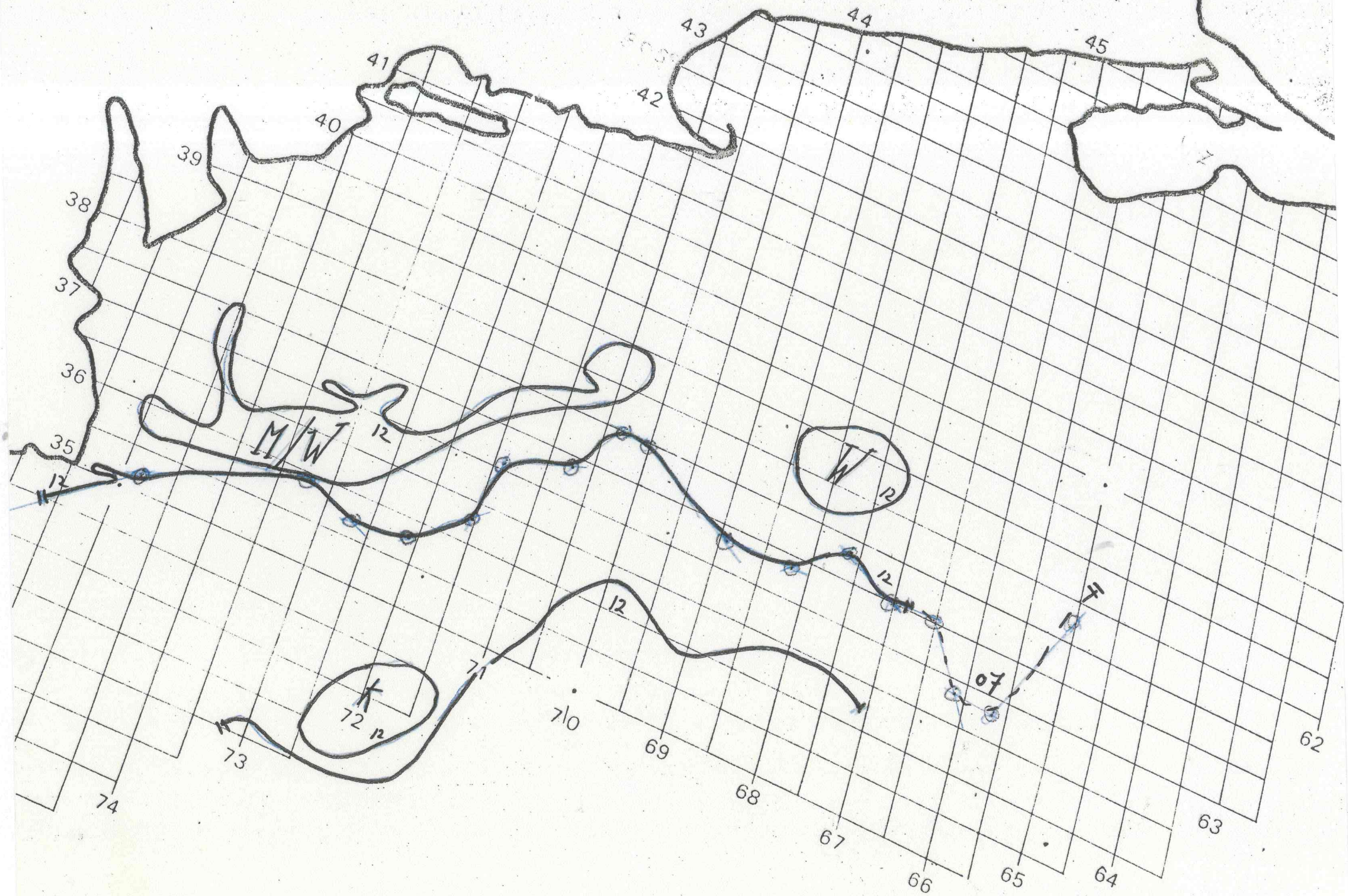
270800 317802 325788 325777 329770
 336767 352748 359732 357727 358721
 363715 375714 374702 380703
 380700 374689 374682 378676
 375670 375665 368662 378657
 383650//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 13 APR 1979

PART B

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



APR 13 9 08 AM '79

NNNN

ZCZC WBC091
TBXX40 KMIA 131345

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
13 APR 1979.

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

216868 225870 235865 235853 237843 243835 241829 244821
245811 248805 253801 260800.

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

COLD EDDY FM 23.5N TO 25.0N BTW 83.9W AND 87.0W IS DETACHED
FM FLORIDA COASTAL WATER. DIGITAL DATA FROM 10 APRIL INDICATES
WARM CUTOFF FLOW N OF 24.5N FM 83.5W TO 88.0W IN E GLF. MAIN FLOW
REMAINS IN FL STRAITS S OF 24.5N FROM YUCATAN CHANNEL. REFER TO
CHART 2450 TROPAN CIRCUIT FOR DETAIL ANALYSIS.

DATA FM IMAGERY 09 THRU 13 APR 79.

BAIG

NNNNJA
ZCZC WBC141
TBXX40 KMIA 131345

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
13 APR 1979.

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

216868 225870 235865 235853 237843 243835 241829 244821
245811 248805 253801 260800.

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

COLD EDDY FM 23.5N TO 25.0N BTN 83.9W AND 87.0W IS DETACHED
FM FLORIDA COASTAL WATER. DIGITAL DATA FROM 10 APRIL INDICATES
WARM CUTOFF FLOW N OF 24.5N FM 83.5W TO 88.0W IN E GLF. MAIN FLOW
REMAINS IN FL STRAITS S OF 24.5N FROM YUCATAN CHANNEL. REFER TO
HART 2450 TROPAN CIRCUIT FOR DETAIL ANALYSIS.

DATA FM IMAGERY 09 THRU 13 APR 79.

BAIG

NNNNJV

ZCZC

SXNTI KWBC 132000

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

27.0/80.0	31.7/80.2	32.5/78.8	32.5/77.7
32.9/77.0	33.6/76.7	35.2/74.8	35.9/73.2
35.7/72.7	35.8/72.1	36.3/71.5	37.3/70.9
37.6/70.2	37.7/69.5	37.4/68.9	37.4/68.2
37.7/67.6	37.7/67.0	37.7/66.5	37.8/65.7
38.8/65.0			

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA 4/13/79 0900Z

NNNNJ

NNNNJA

ZCZC WBC224

SXNTI KWBC 132000

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

27.0/80.0	31.7/80.2	32.5/78.8	32.5/77.7
32.9/77.0	33.6/76.7	35.2/74.8	35.9/73.2
35.7/72.7	35.8/72.1	36.3/71.5	37.3/70.9
37.6/70.2	37.7/69.5	37.4/68.9	37.4/68.2
37.7/67.6	37.7/67.0	37.7/66.5	37.8/65.7
38.8/65.0			

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA 4/13/79 0900Z

GULF STREAM SYSTEM FLOW CHART # 2450

216868 226871 233876 235867 236857
 236850 239841 246835 242829 244818
 245811 248803 254801 260800//

NOAA Miami SFSS

Date: 16 APR 1979

Depicted land areas should not be used for navigation.

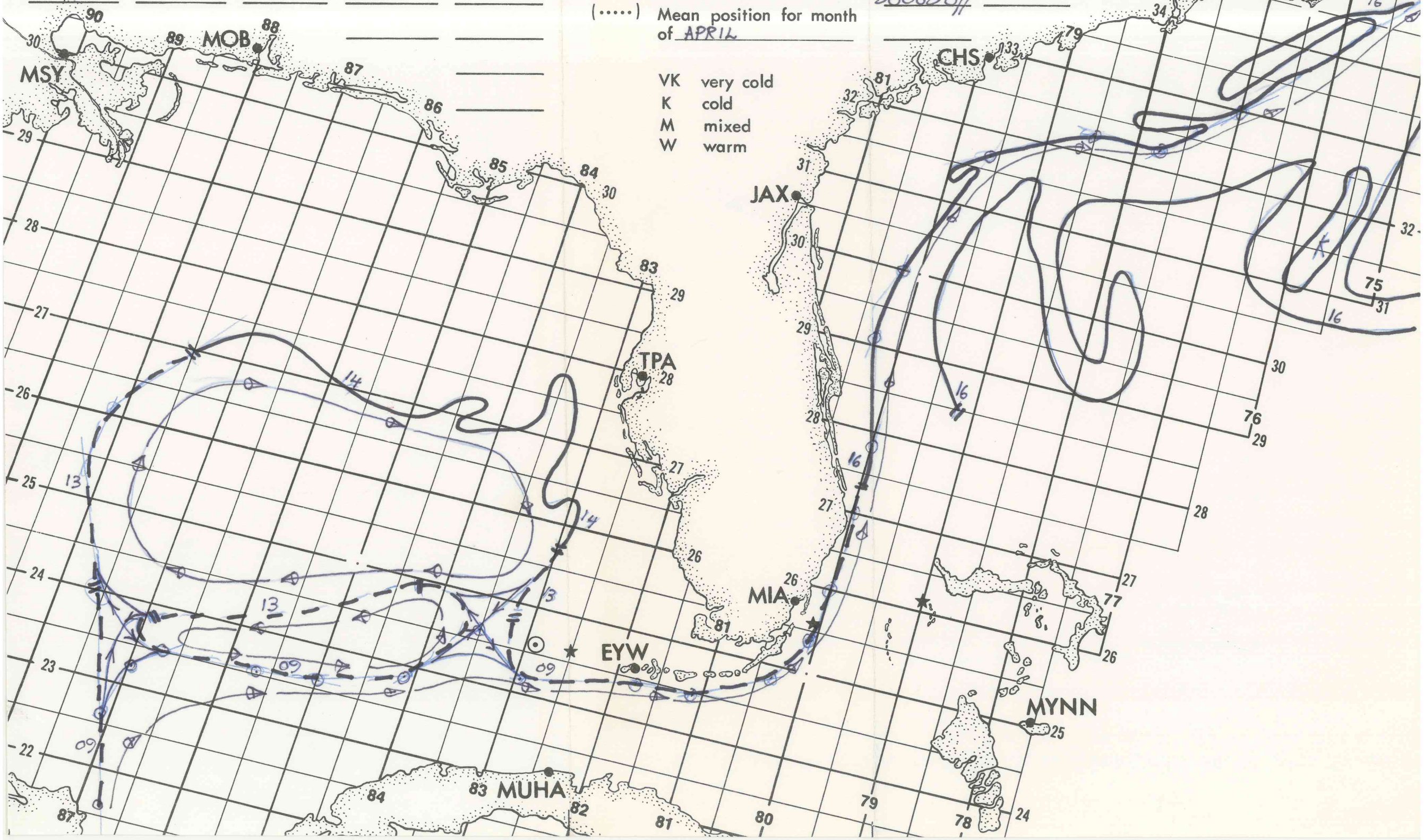
(-----) Position based on data up to 7 days old.

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

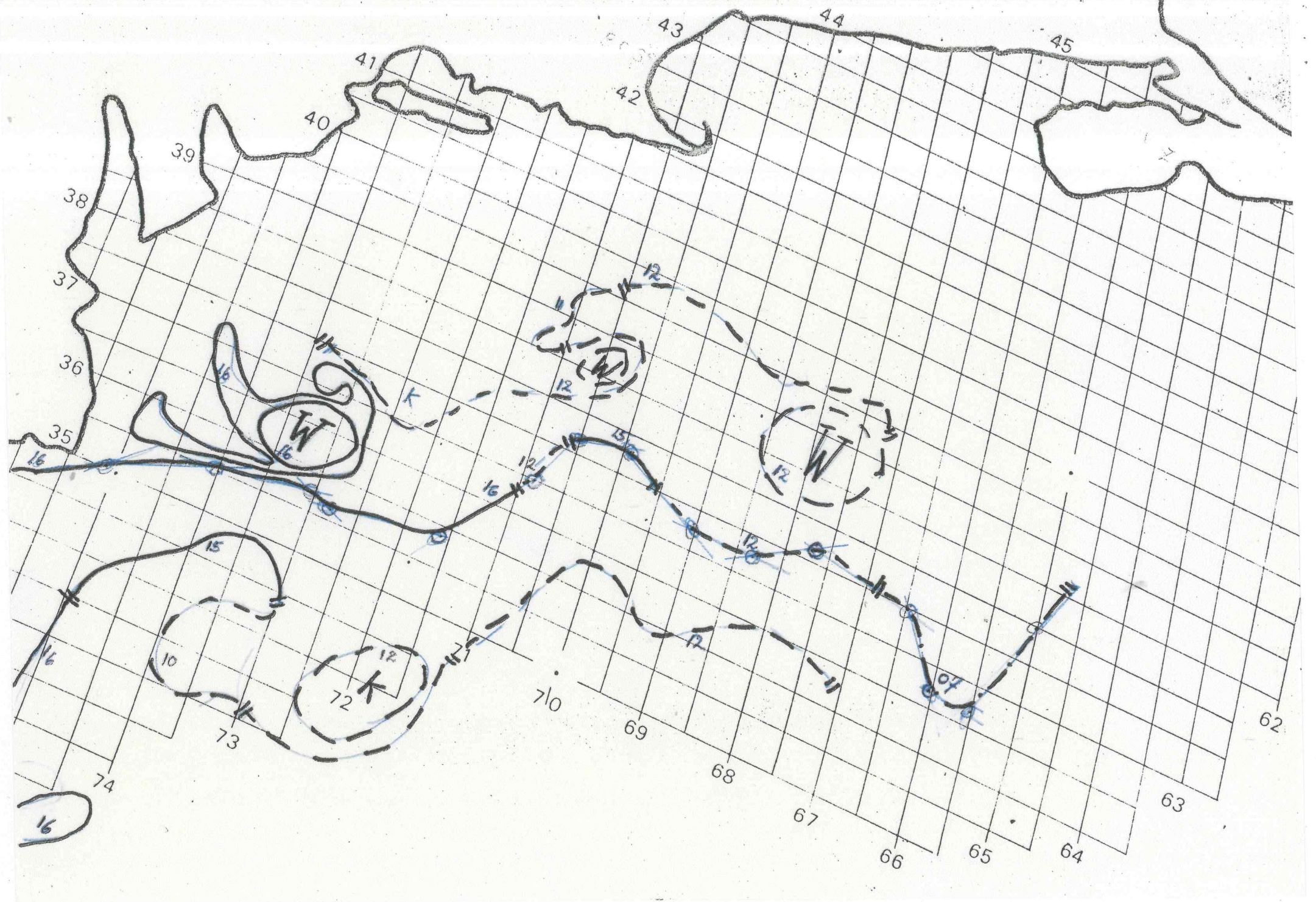
VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART # 2450

270800 278800 291803 300802 317796
 322785 323777 330770 350751 355740
 357730 356728 359716 370708
 377705 378699 373690 373683
 376677 375665 367660 367655
 380650//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 16 APR 1979 PART B
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.



NNNN

ZCZC MBC154
TBXX40 KMIA 161300

APR 16 9 49 AM '79

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

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

216868 226871 233870 235867 236857 236850 239841 246835
242829 244818 245811 248803 254801 260800.

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

COLD EDDY FM 23.5N TO 25.0N BTN 83.9W AND 87.0W IS DETACHED
FM FLORIDA COASTAL WATER. DIGITAL DATA FROM 10 APRIL INDICATES
WARM CUTOFF FLOW FM 24.5N TO 27.0N BTN 83.0W AND 88.0W. MAIN FLOW
REMAINS S OF 24.5N FM YUCATAN CHANNEL THRU FLA STRAITS. REFER TO
CHART 2450 TROPAN CIRCUIT FOR DETAIL ANALYSIS.

DATA FM IMAGERY 09 THRU 16 APR 79.

BAIG

NNNNJA
ZCZC WBC083
TBXX40 KMIA 161300

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

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

216868 226871 233870 235867 236857 236850 239841 246835
242829 244818 245811 248803 254801 260800.

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

COLD EDDY FM 23.5N TO 25.5N BTN 83.9W AND 87.0W IS DETACHED
FM FLORIDA COASTAL WATER. DIGITAL DATA FROM 10 APRIL INDICATES
WRM CUTOFF FLOW FM 24.5N TO 27.0N BTN 83.0W AND 88.0W. MAIN FLOW
REMAINS S OF 24.5N FM YUCATAN CHANNEL THRU FLA STRAITS. REFER TO
CHART 2450 TROPAN CIRCUIT FOR DETAIL ANALYSIS.

DATA FM IMAGERY 09 THRU 16 APR 79.

ALL DATA 17 APR 79

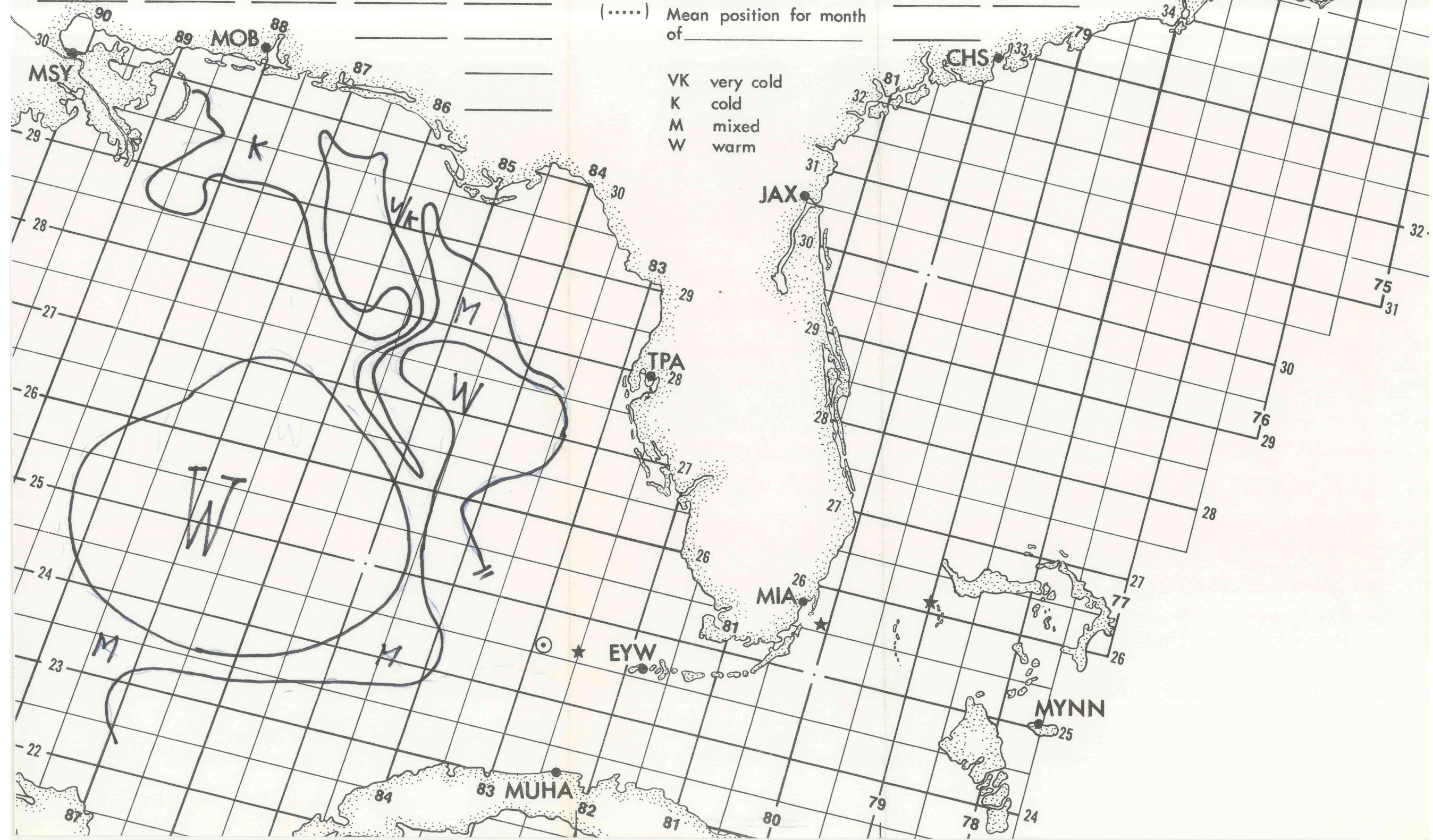
Date: _____ 19____

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

227866 231862 235852 237844 239839
245834 243830 243823 244815 246807
249803 254802 260800 //

NOAA Miami SFSS

Date: 18 APR 1979

Depicted land areas should not be used for navigation.

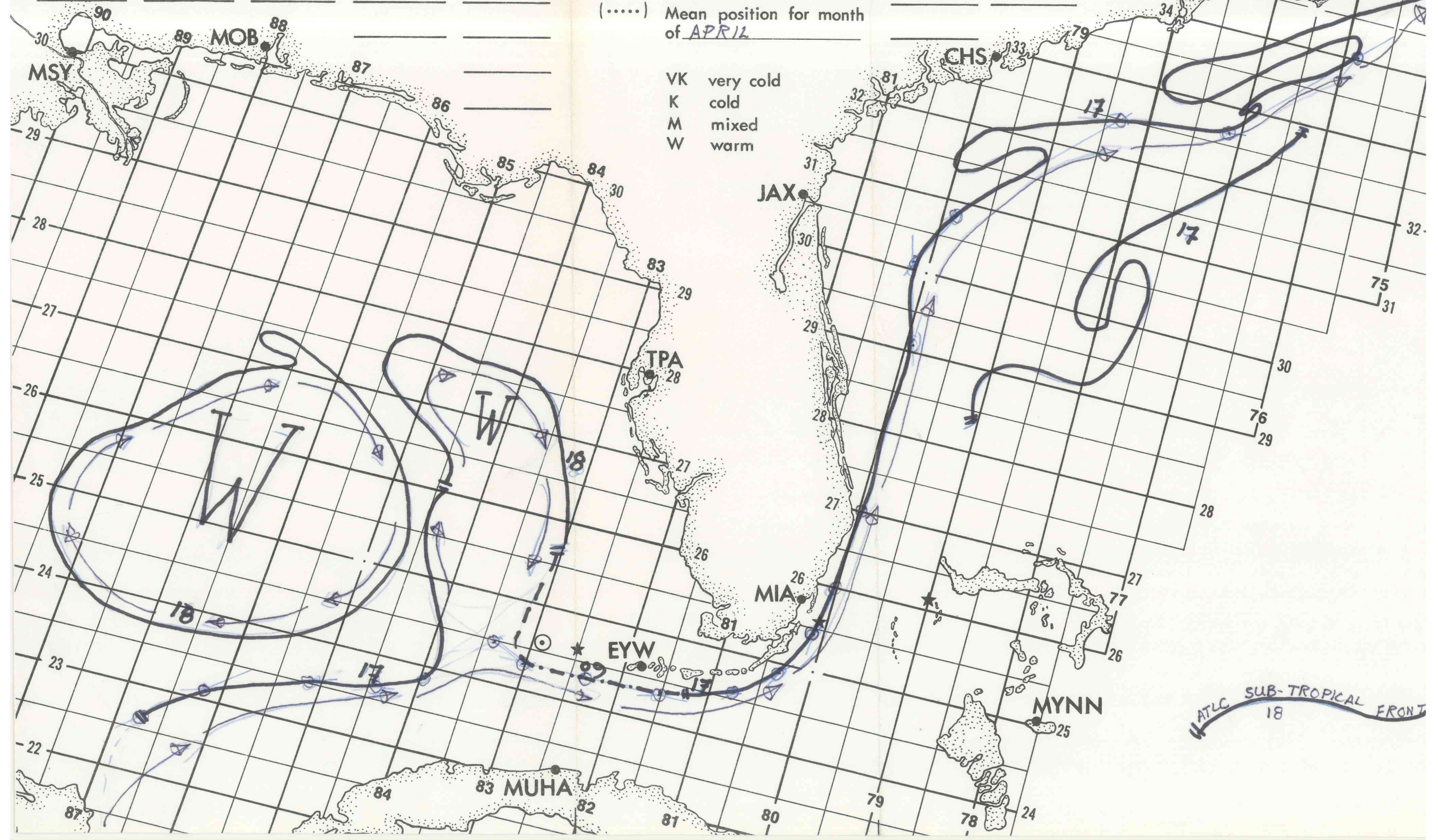
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART #2450

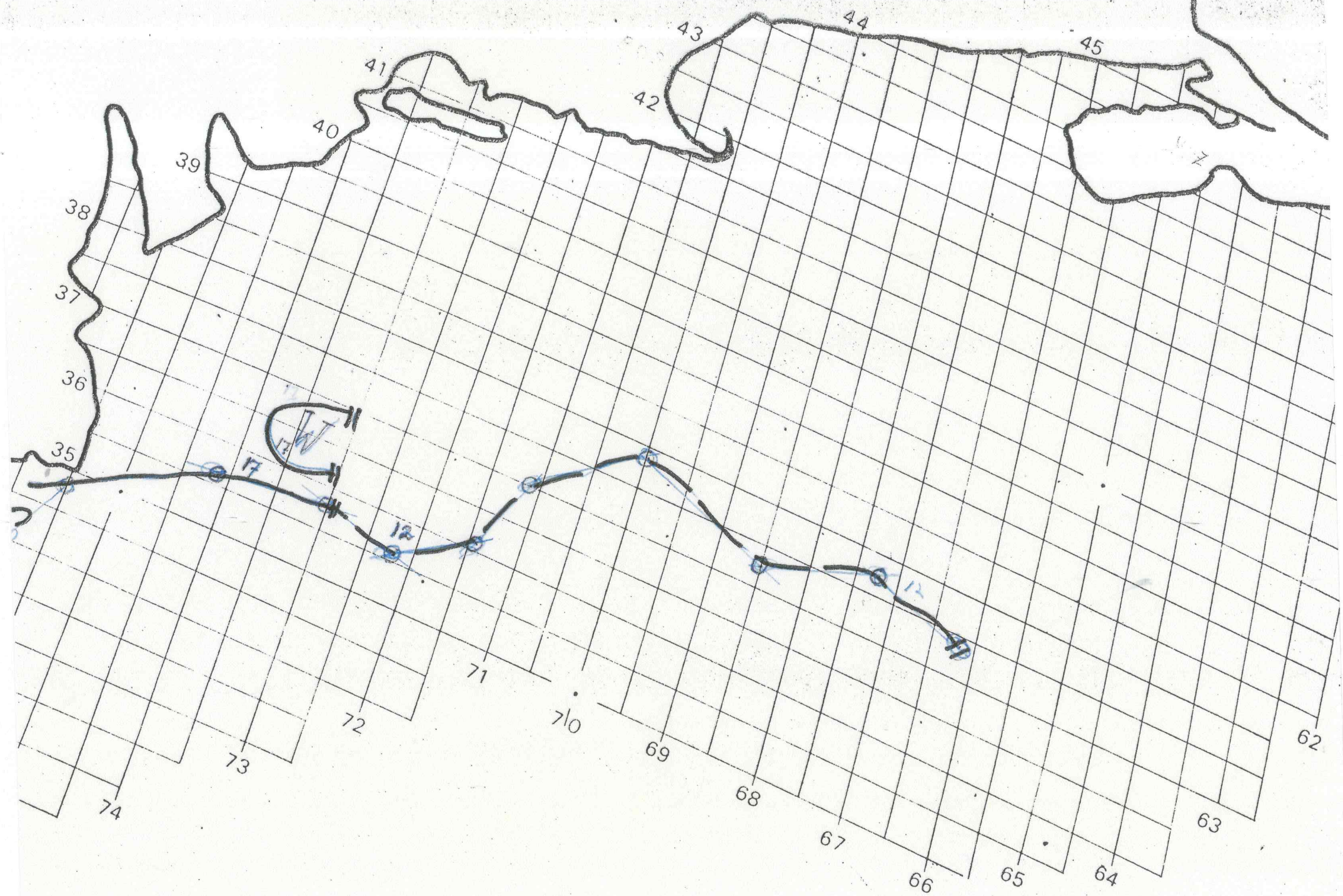
270800 291799 301801 308798 325783
327771 340758 348750 356741 358730
356722 361714 370711 379700
373685 377672 374661 //



ATLC SUB-TROPICAL FRONT 18

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 18 APR 1979 PART B

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



UNCLAS

APR 18 7 35 AM '79

↓A
ZCZC WBC228
TBXX40 KMIA 181215

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
18 APR 1979.

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

227866 231862 235852 237844 239839 243834 243830 243823
244815 246807 249803 254802 260800.

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

WARM DETACHED CLOCKWISE FLOW FM 24.0N TO 27.0N BTN 84.5W AND
88.5W.

REFER TO CHART 2450 FAX TROPAN CIRCUIT FOR DETAILED ANALYSIS.

DATA FM IMAGERY 17 AND 18 APR 79.

BAIG

NNNN

APR 18 7 36 AM '79

ZCZC MBC367
TBXX40 KMIA 181215

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
18 APR 1979.

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

227866 231862 235852 237844 239839 243834 243830 243823
244815 246807 249803 254802 260800.

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

WARM DETACHED CLOCKWISE FLOW FM 24.0N TO 27.0N BTN 84.5W AND
88.5W.
REFER TO CHART 2450 FAX TROPAN CIRCUT FOR DETAILED ANALYSIS.

DATA FM IMAGERY 17 AND 18 APR 79.

BAIG

NNNN
JV

ZCZC

SXNTI KWBC 182220

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

27.0/80.0	29.1/79.9	30.1/80.1	30.8/79.8
32.3/78.3	32.7/77.1	34.0/75.8	34.8/75.0
35.6/74.1	35.8/73.0	35.8/72.2	36.1/71.4
37.0/71.0	37.7/70.0	37.2/68.5	37.7/67.2

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA... 4/18/79 0900Z

NNNNJ

NNNNJA

ZCZC WBC345

SXNTI KWBC 182220

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

27.0/80.0	29.1/79.9	30.1/80.1	30.8/79.8
32.3/78.3	32.7/77.1	34.0/75.8	34.8/75.0
35.6/74.1	35.8/73.0	35.8/72.2	36.1/71.4
37.0/71.0	37.7/70.0	37.2/68.5	37.7/67.2

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA... 4/18/79 0900Z

GULF STREAM SYSTEM FLOW CHART #2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART #2450

229864 234854 239842 243835 242828

243819 245811 248804 255801 260800//

Date: 20 APR 1979

270800 290799 297801 303801 315795

323789 325775 331768 342757 349753

354745 354733 362716 375703

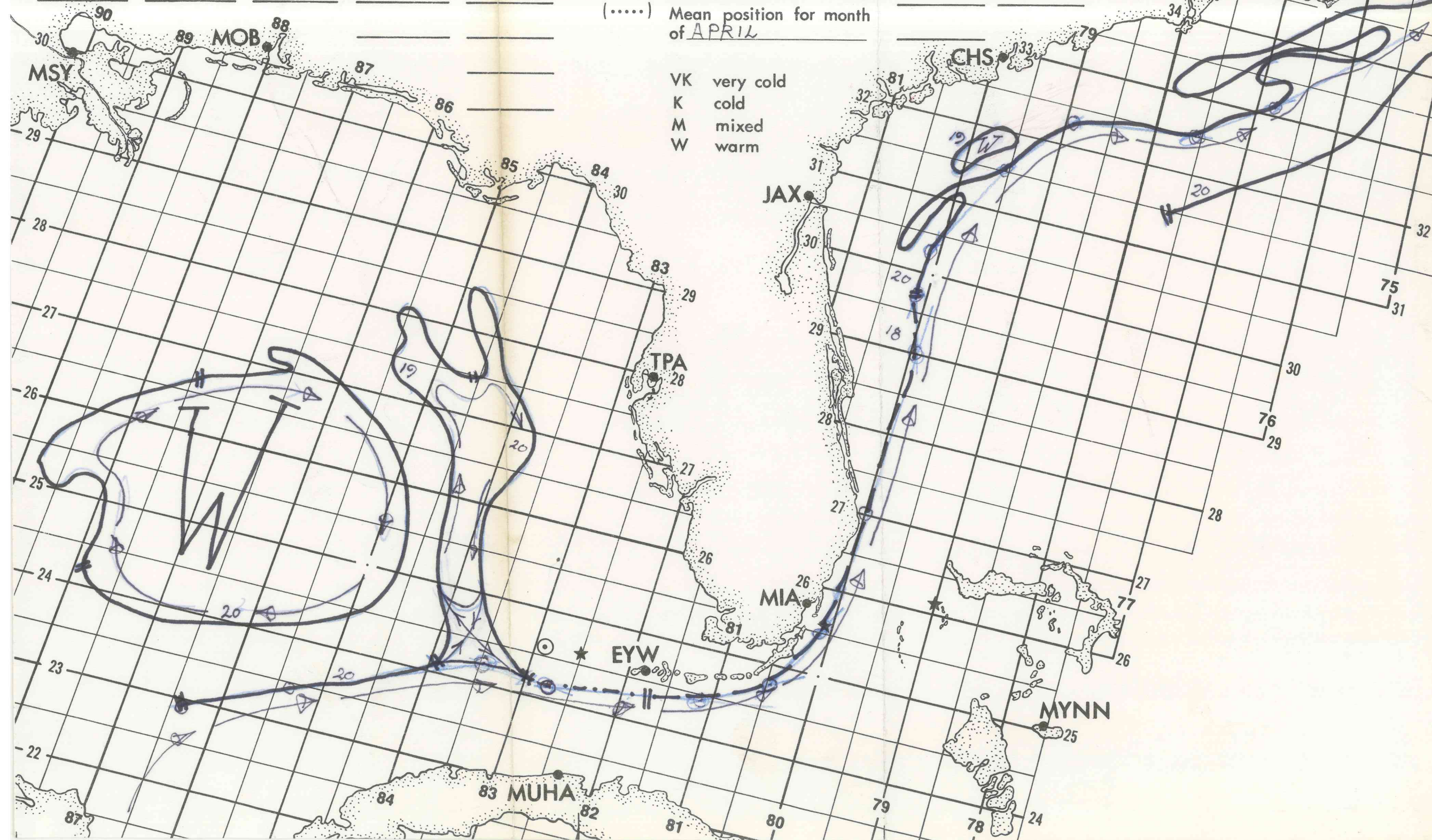
380695 378688 370675//

Depicted land areas should not be used for navigation.

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

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

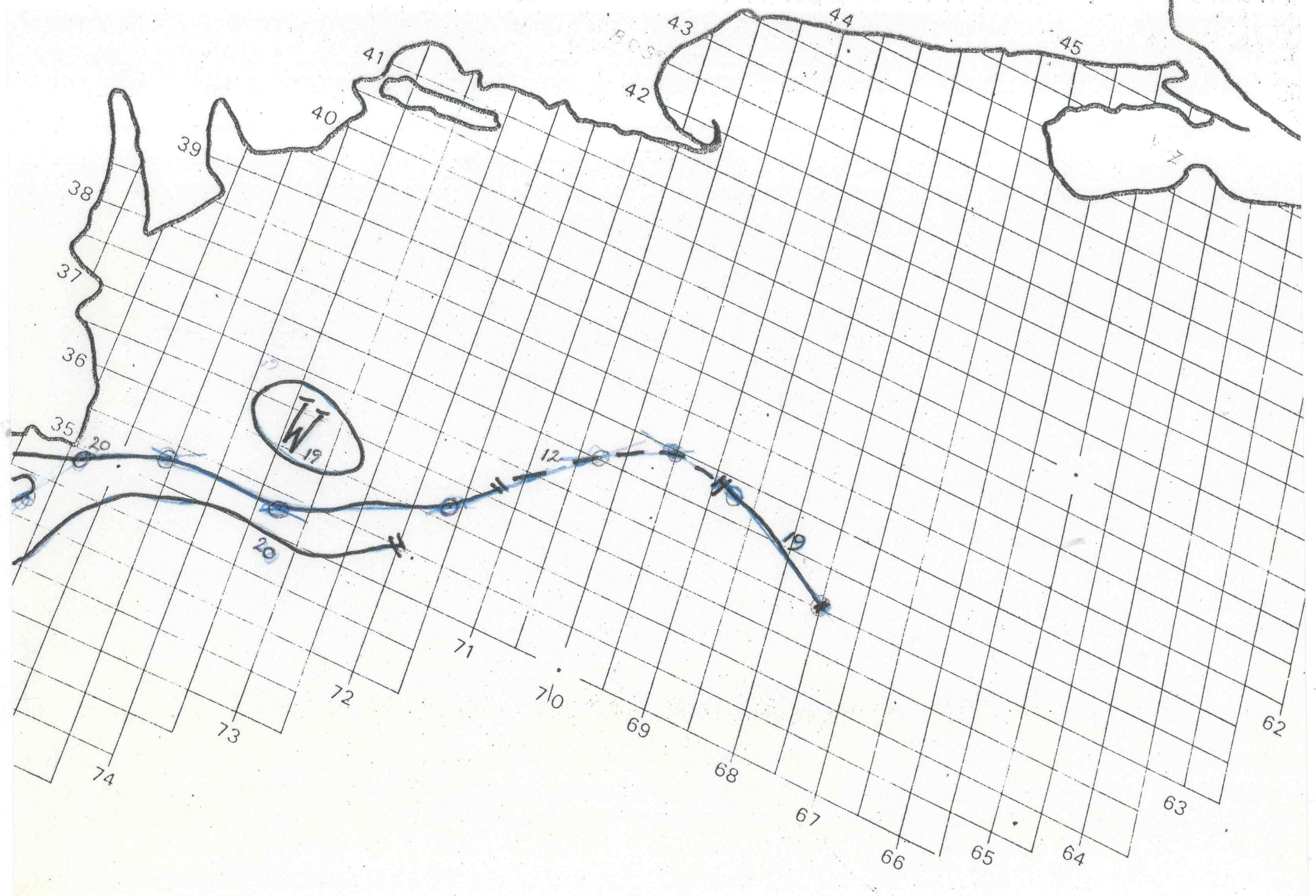
VK very cold
K cold
M mixed
W warm



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 20 APR 1979

PART B

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



GULF STREAM SYSTEM FLOW CHART # 2450

229864 234854 239842 243835 242828
243819 245811 248804 255801 260800//

NOAA Miami SFSS

Date: 23 APR 1979

Depicted land areas should not be used for navigation.

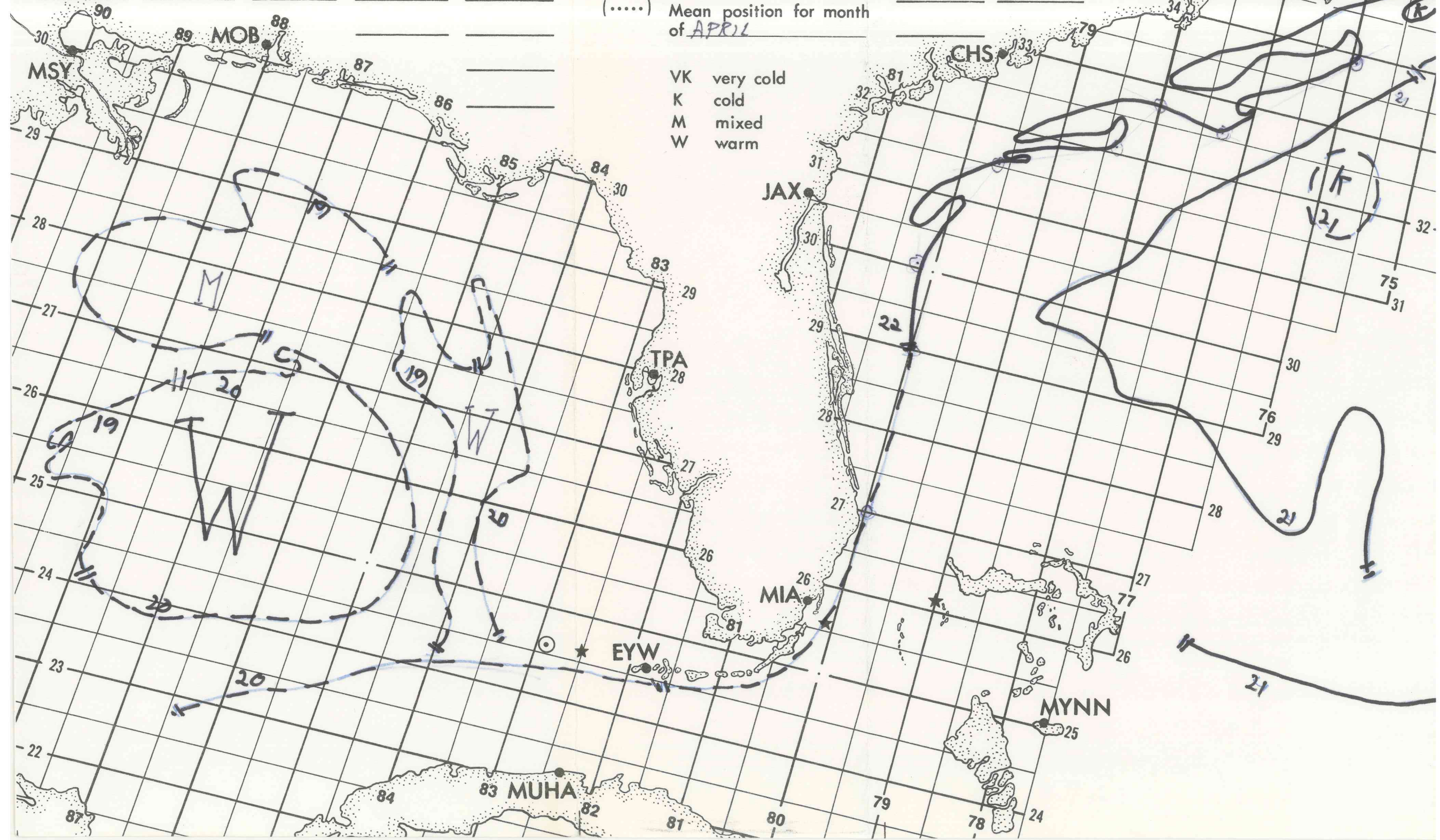
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

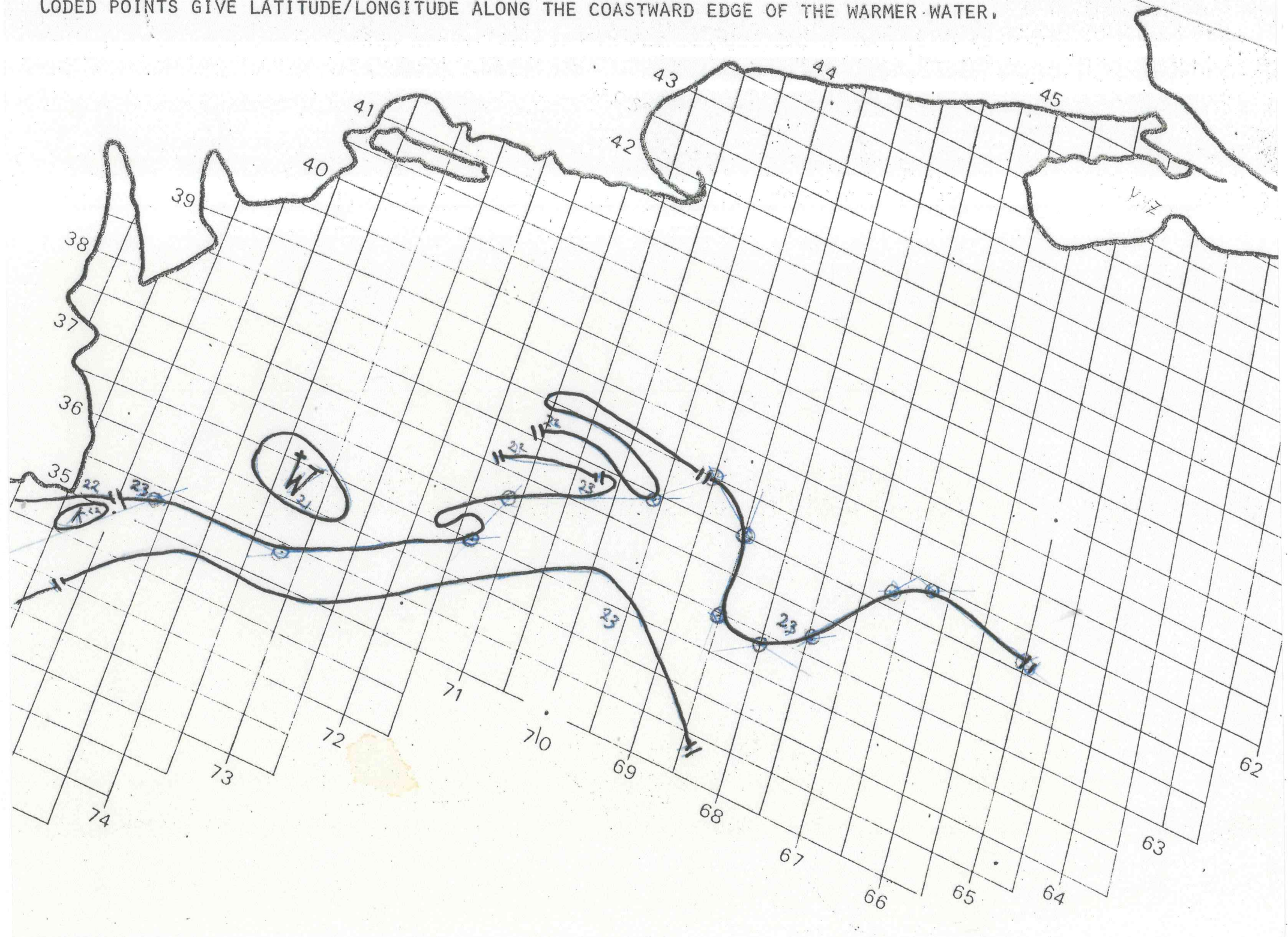
GULF STREAM SYSTEM FLOW CHART # 2450

270800 290800 301802 315796 321784
327780 326772 339759 354746 354732
365713 372711 379696 385690
380685 370685 369680 372679
382667 384662 382650//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 23 APR 1979 PART B

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



NNNN+A
ZCZC WBC501
SXNTI KWBC 232048
GULF STREAM LOCATION THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.
27.0/80.0 29.0/80.0 30.1/80.2 31.5/79.5
32.0/78.4 32.7/78.0 32.6/77.2 33.9/75.9
35.4/74.6 35.4/732.2 36.5/71.3 37.2/71.1
37.9/69.6 38.3/69.0 38.0/68.5 37.2/68.3
37.3/67.7 38.2/66.7 38.4/66.2 38.5/65.0
THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA 4/23/79 0900Z
BT

NNNN

NNNN+A
ZCZC WBC411
TBXX40 KMIA 231330

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

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

229864 234854 239842 243835 242828 243819 245811 248804
255801 260800.

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

WARM DETACHED CLOCKWISE FLOW FM 24.0N TO 27.0N BTN 84.5W AND
88.5W.

REFER TO CHART 2450 FAX TROPAN CIRCUIT FOR DETAILED ANALYSIS.

DATA FM IMAGERY 19 AND 20 APR 79.

BAIG

ZCZC WBC047
TBXX40 KMIA 231330

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

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

229864 234854 239842 243835 242828 243819 245811 248804
255801 260800.

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

WARM DETACHED CLOCKWISE FLOW FM 24.0N TO 27.0N BTN 84.5W AND
88.5W.

REFER TO CHART 2450 FAX TROPAN CIRCUIT FOR DETAILED ANALYSIS.

DATA FM IMAGERY 19 AND 20 APR 79.

BAIG

NNNN

GULF STREAM SYSTEM FLOW CHART #2450

228865 235855 239846 243833 244823
244815 247806 252802 260800 //

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART #2450

270800 290800 303802 317795 320784
325778 327771 335765 340757 355748
355738 357718 363712 379700
381695 376678 367669 370667
380669 385663 387655 387650 //

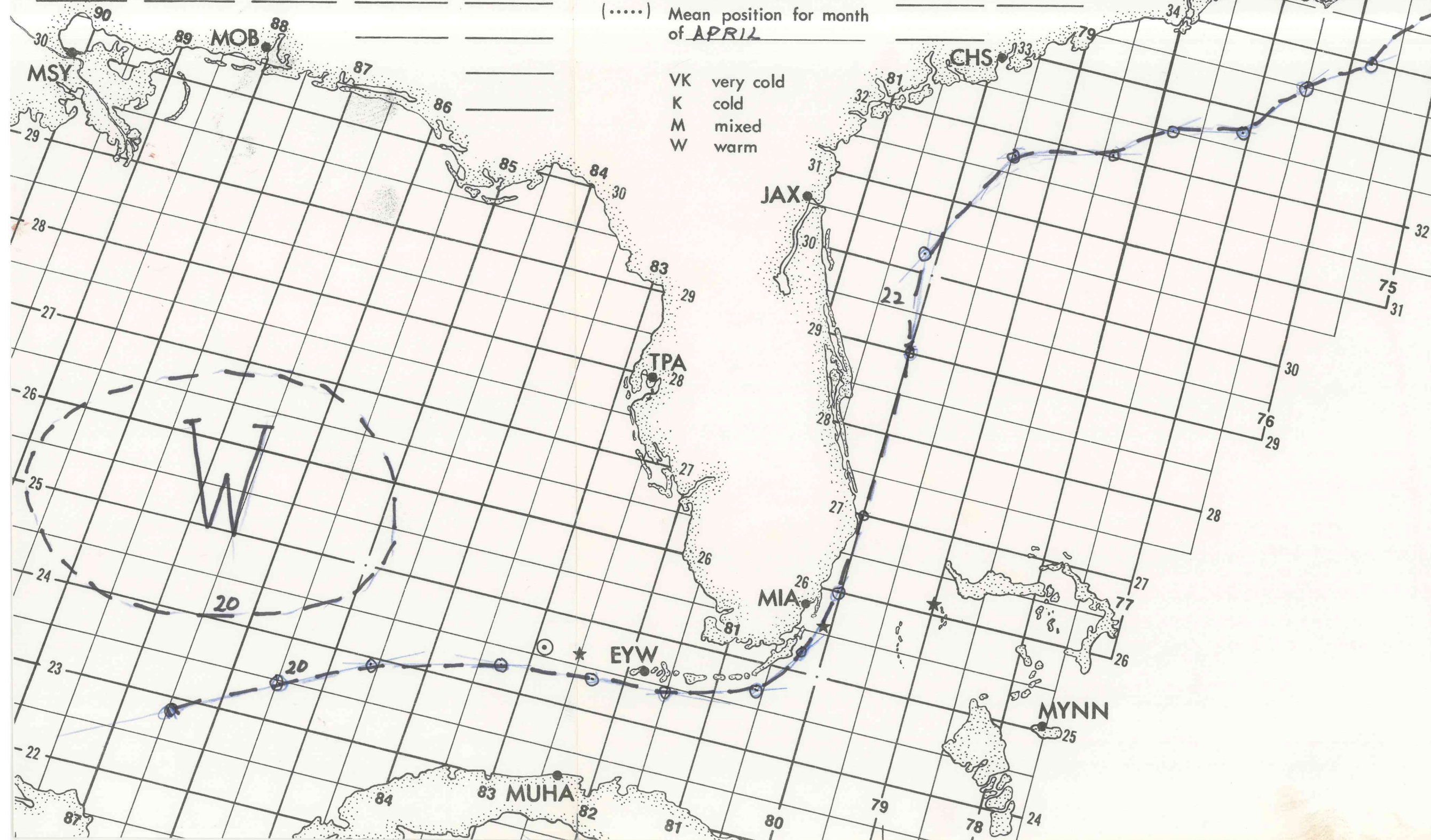
Date: 25 APR 1979

Depicted land areas should not be used for navigation.

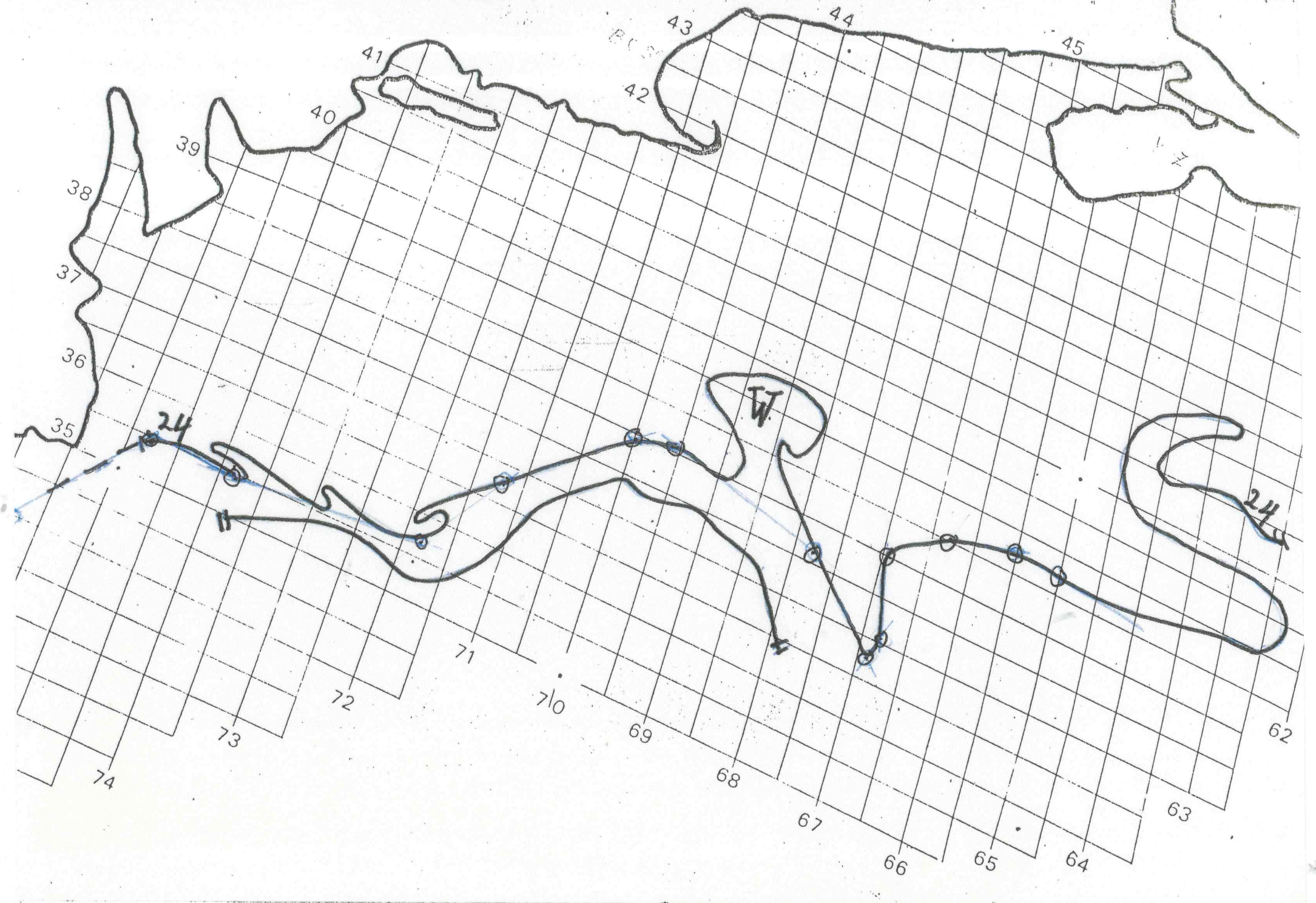
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm



CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.
25 APRIL 79



NNNN

ZCZC WBC722
TBXX40 KNIA 251400

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
25 APR 1979.

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

228865 235855 239846 243833 244823 244815 247806 252802
260800.

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

WARM DETACHED CLOCKWISE FLOW FM 24.0N TO 27.0N BTN 84.8W AND
88.8W.
REFER TO CHART 2450 FAX TROPAN CIRCUIT FOR DETAILED ANALYSIS.

DATA FM IMAGERY 19 AND 20 APR 79.

BAIG

APR 25 9 23 AM '79

NNNN4A
ZCZC WBC836
TBXX40 KMIA 251400

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
25 APR 1979.

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

228865 235855 239846 243833 244823 244815 247806 252802
260800.

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

WARM DETACHED CLOCKWISE FLOW FM 24.0N TO 27.0N BTN 84.8W AND
8.8W.
REFER TO CHART 2450 FAX TROPAN CIRCUIT FOR DETAILED ANALYSIS.

DATA FM IMAGERY 19 AND 20 APR 79.

BAIG

NNNNZCZC M
ZCZC WBC922
SXNT1 KWBC 251938

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

27.0/80.0	29.0/80.0	30.3/80.2	31.5/79.3
32.0/78.4	32.5/77.8	32.7/77.1	33.5/76.5
34.0/75.7	35.5/74.8	35.5/73.8	35.7/71.8
36.3/71.2	37.9/70.0	38.1/69.5	37.6/67.8
36.7/66.9	37.0/66.7	38.0/66.9	38.4/66.3
38.4/65.0	??		

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA 4/25/79 0900Z

NNNNZCZC M

OCEAN Support NV Virginia KEY
Via G. Maul.

Analysis bTwn 82.0 To 83.5 W
is Weak based upon highest
cloud Tops and Spoty Thermal
Gradients. RAL

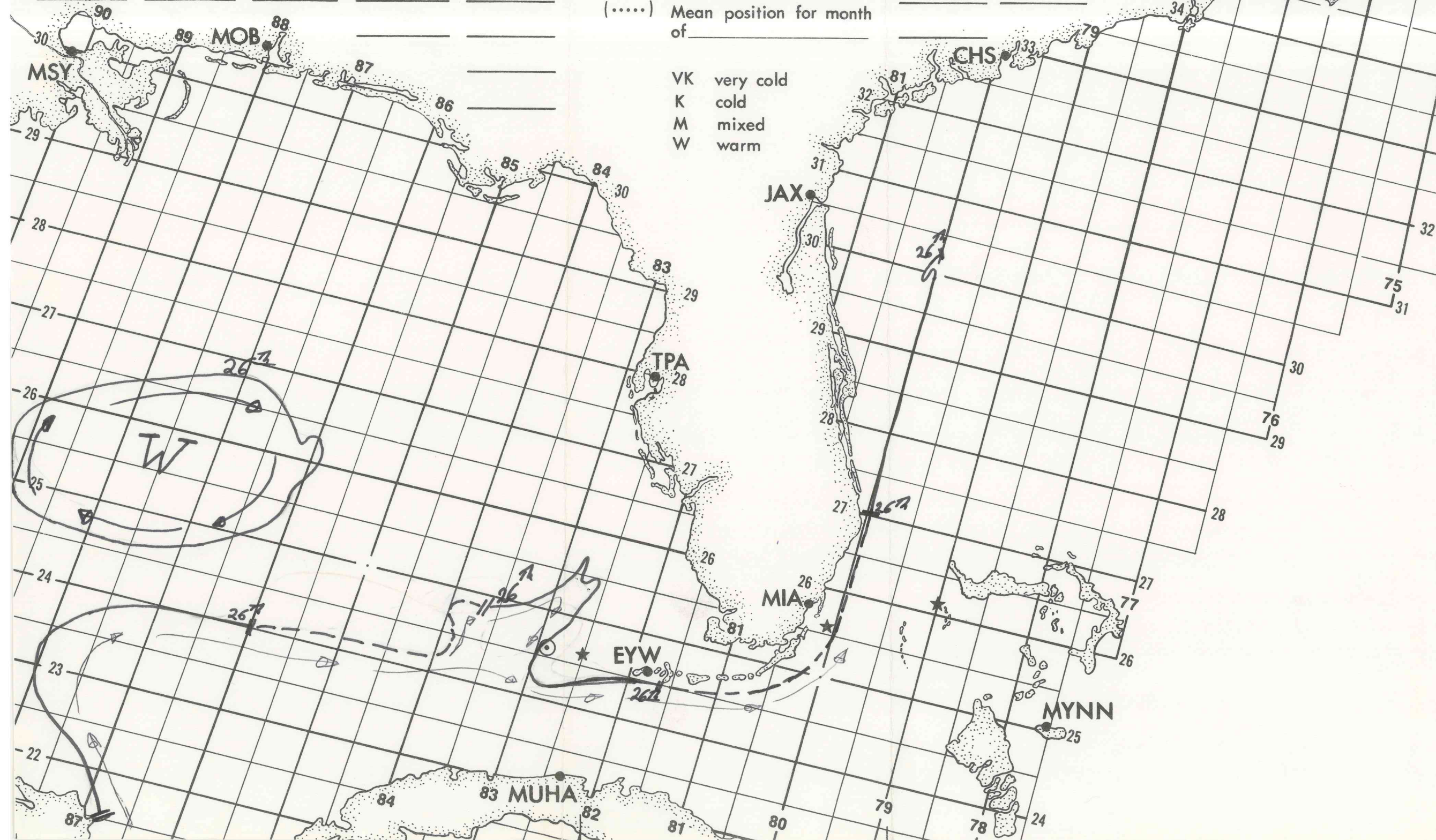
Date: APRIL 26th 1979

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

228865 235855 240845 243832 242827
 245819 247808 250803 255802 260800//

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

270800 304800 311795 318785 320776
 325770 333767 341757 351750 355745
 357719 365715 380698 377679
 368675 365671 368668 380670
 385660 387640 389630//

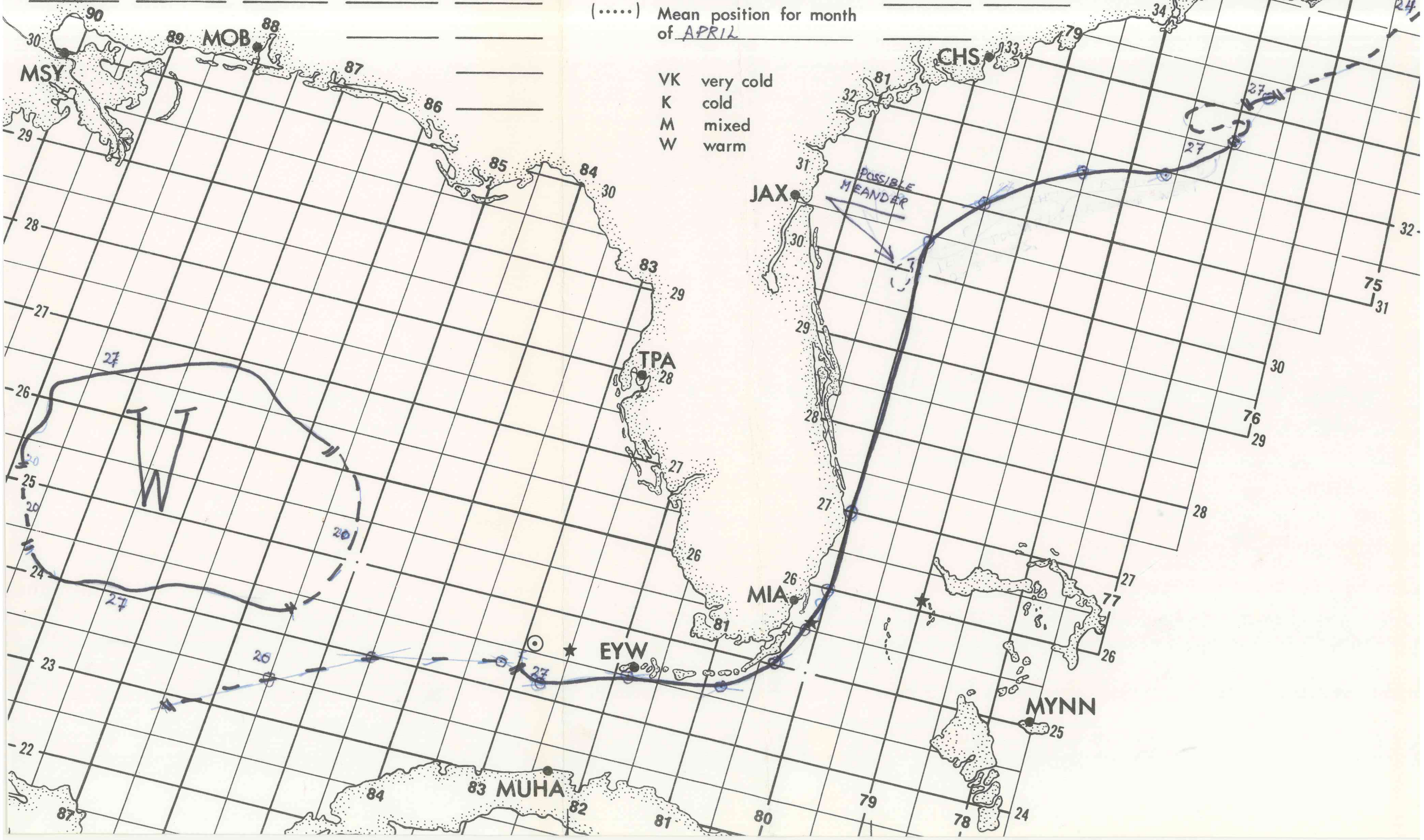
Date: 27 APR 1979

Depicted land areas should not be used for navigation.

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

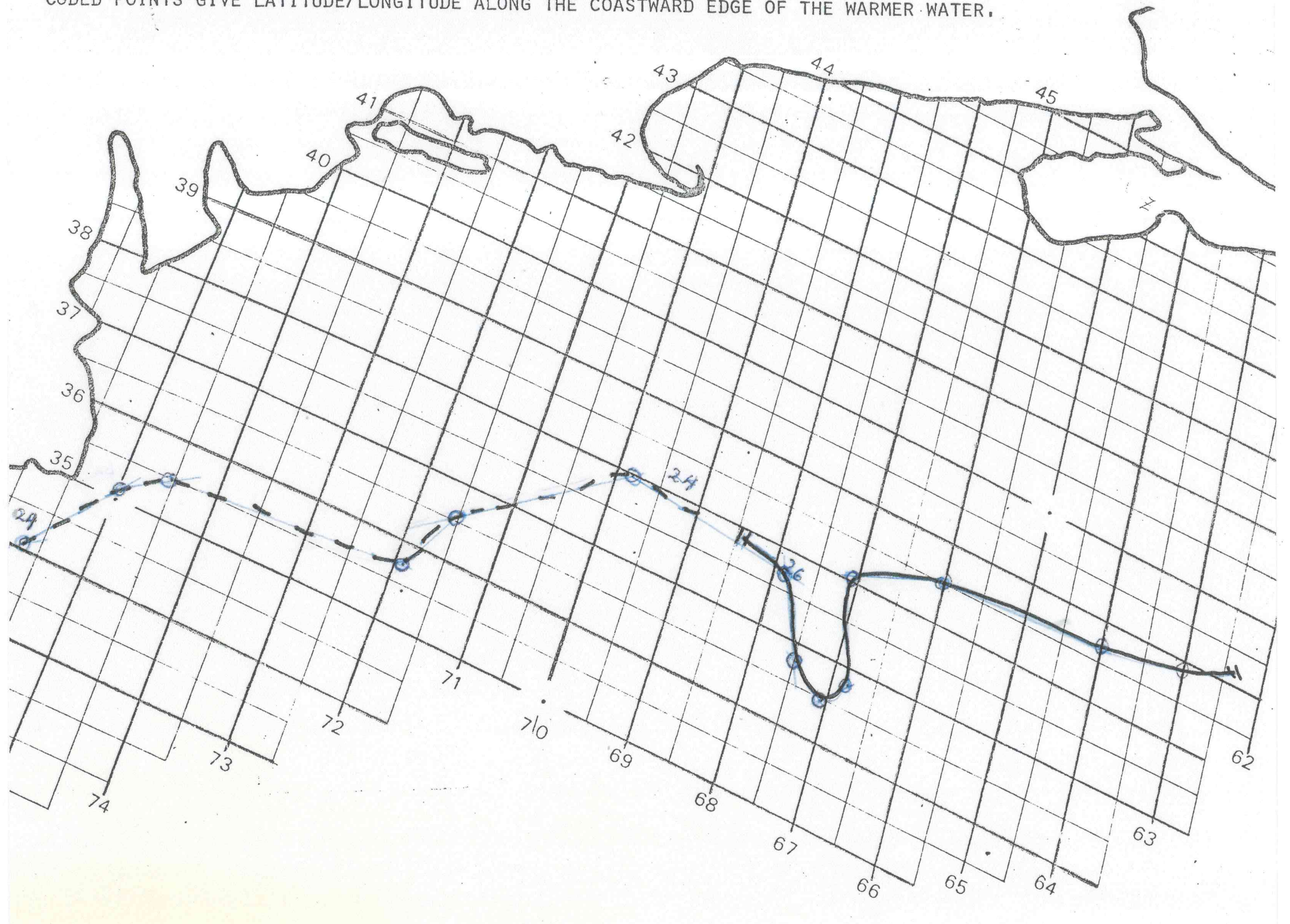
(.....) Mean position for month of APRIL

VK very cold
 K cold
 M mixed
 W warm



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 27 APR 1979 PART B

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



V

ZCZC

SXNT I WBC 272000

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

27.0/80.0	30.4/80.0	31.1/79.5	31.8/78.5
32.0/77.6	32.5/77.0	33.3/76.7	34.1/75.7
35.1/75.0	35.5/74.5	35.7/71.9	36.5/71.5
38.0/69.8	37.7/67.9	36.8/67.5	36.8/66.8
38.0/67.0	38.5/66.0	38.5/65.0	

THE MAXIMUM CURRENT OF THE GULF STREAM LIES
BETWEEN 12 TO 15 MILES SEAWARD OF THIS
LINE. LATEST SATELLITE DATA
APRIL 27 1979