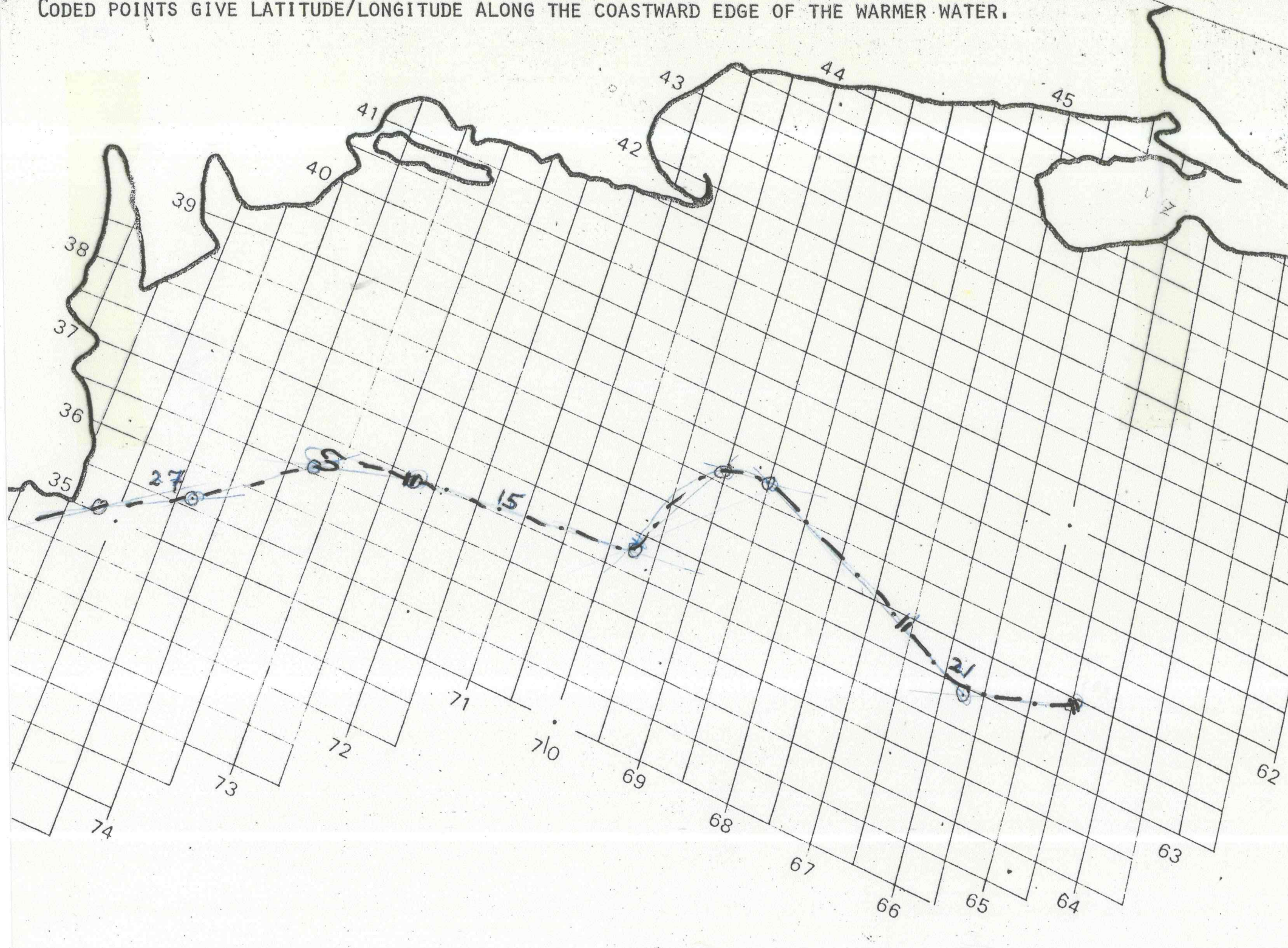


MIAMI SFSS ANALYSIS OF THE GULF STREAM: 01 DEC 1978 PART B

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



NNNNJA
ZCZC WBC806
SXNTI KWBC 011616

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

27.0/80.0	28.4/80.1	29.5/80.2	30.2/80.1
31.1/79.7	35.1/75.2	35.6/74.3	36.6/73.2
36.9/72.2	37.3/69.7	38.7/69.0	38.8/68.5
37.4/65.7	37.9/64.5		

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12-15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA.. 12/1/78 0900Z

NNNNJA
ZCZC WBC781
TBXX40 KMIA 011430

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
01 DEC 1978

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

221867 236869 248867 252864 255860 255854 252848 240831
238824 238812 242807 247802 250801 260800.

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

A MEANDER EXISTS FM 23.5N TO 24.5N BTN 80.5W AND 82.2W.

BAIG/DUERNBERGER

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

221867 234868 241864 250865 260864
 256850 246841 239833 237825 238812
 243805 251801 260800//

270800 286801 302802 307800 310795
 320789 341760 345755 349754 357745
 360734 367722 377715 379695
 387678 369665 369656 375650//

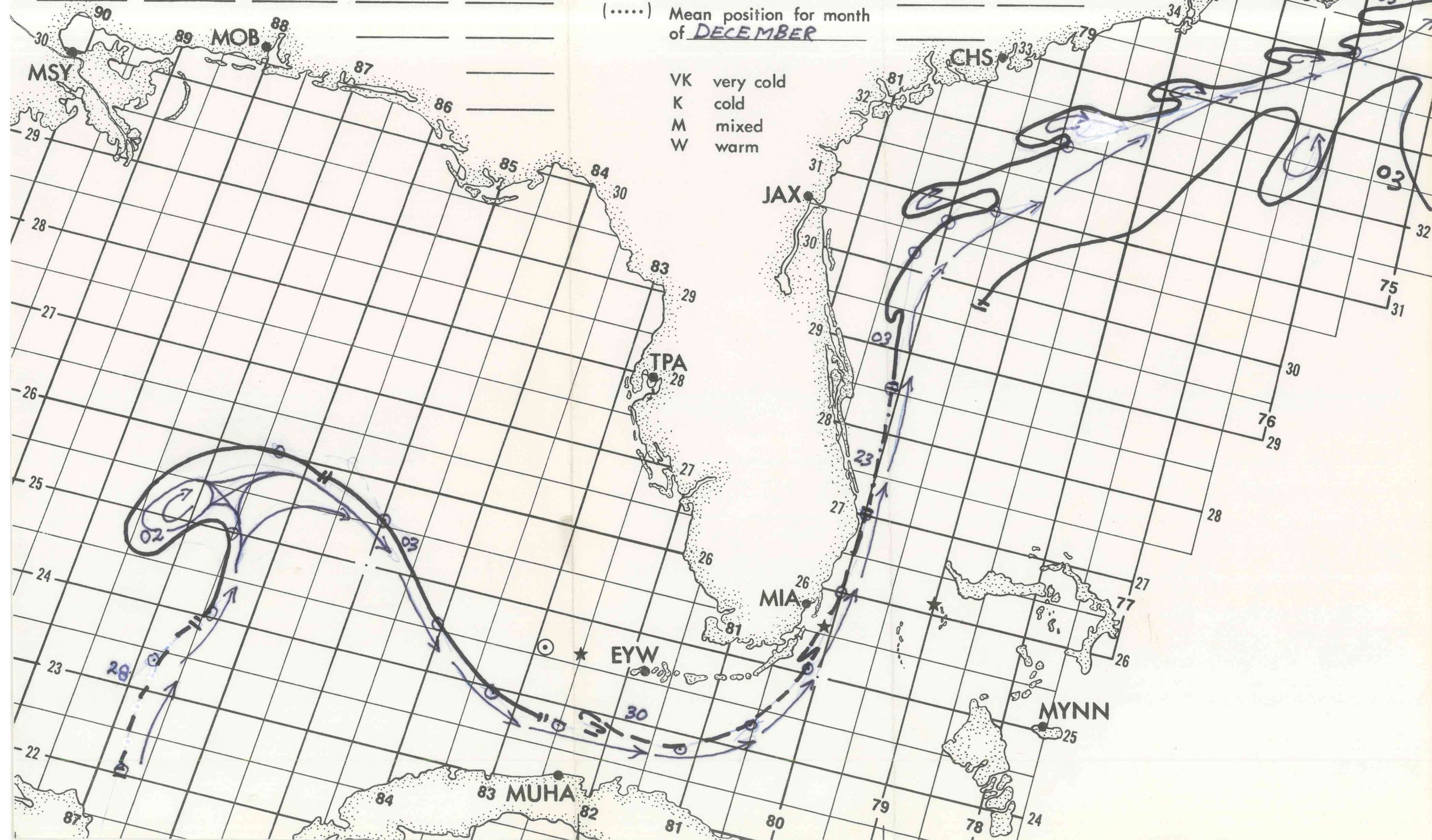
Date: 04 DEC 1978

Depicted land areas should not be used for navigation.

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

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

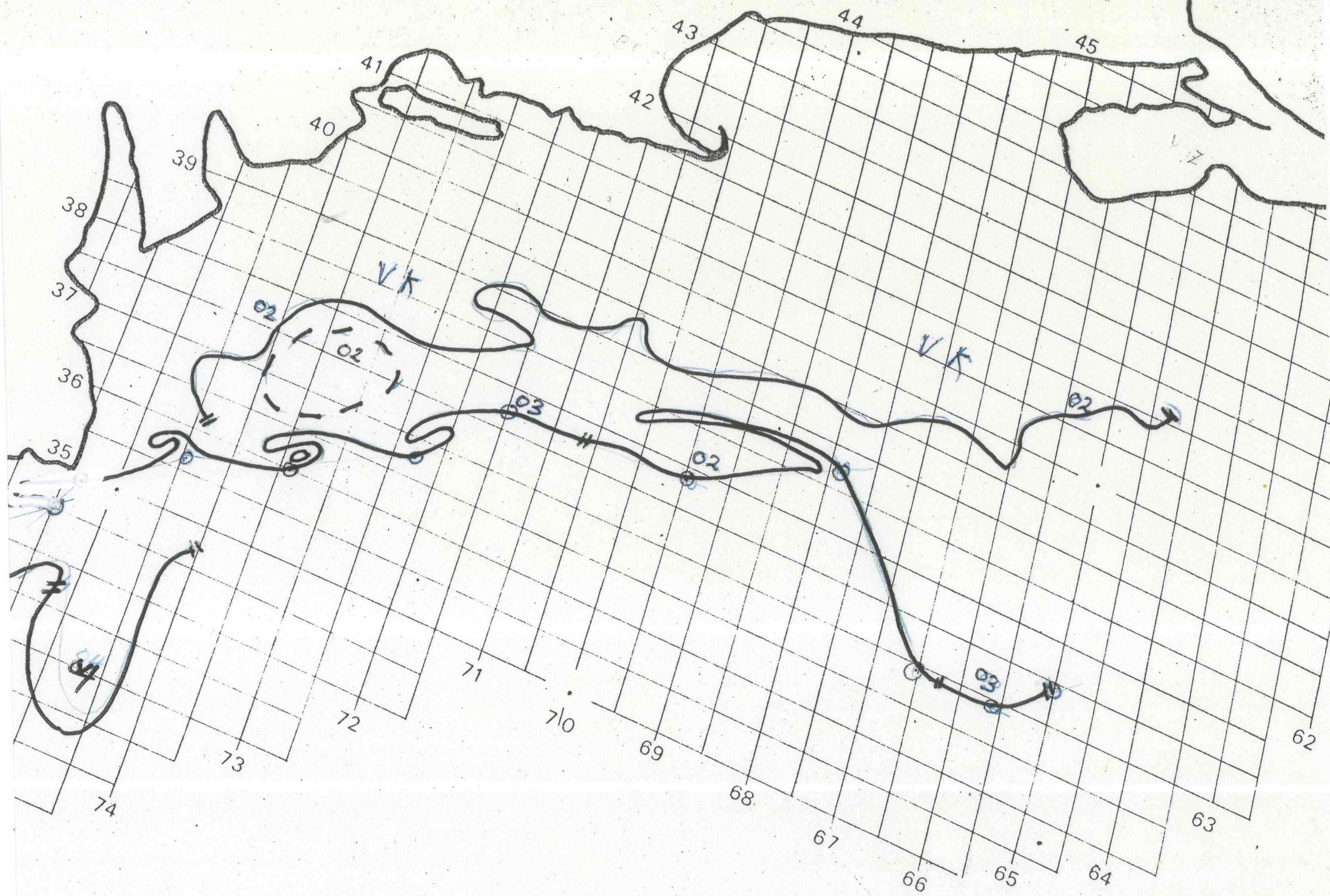
VK very cold
 K cold
 M mixed
 W warm



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 04 DEC 1978

PART B

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



ZCZC
SXNT1 KWBC 042042

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

27.0/80.0	28.6/80.1	30.2/80.2	30.7/80.0
31.0/79.5	32.0/78.9	34.1/76.0	34.5/75.5
34.9/75.4	35.7/74.5	36.0/73.4	36.7/72.2
37.7/71.5	37.9/69.5	38.7/67.8	36.9/66.5
36.9/65.6	37.5/65.0		

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12-15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA.. 12/4/78 0030Z

GULF STREAM SYSTEM FLOW CHART # 2450

221867 234868 241864 250865 260864
 261865 256850 246841 239833 237825
 238812 243805 251801 260800//

NOAA Miami SFSS

Date: 06 DEC 19 78

Depicted land areas should not be used for navigation.

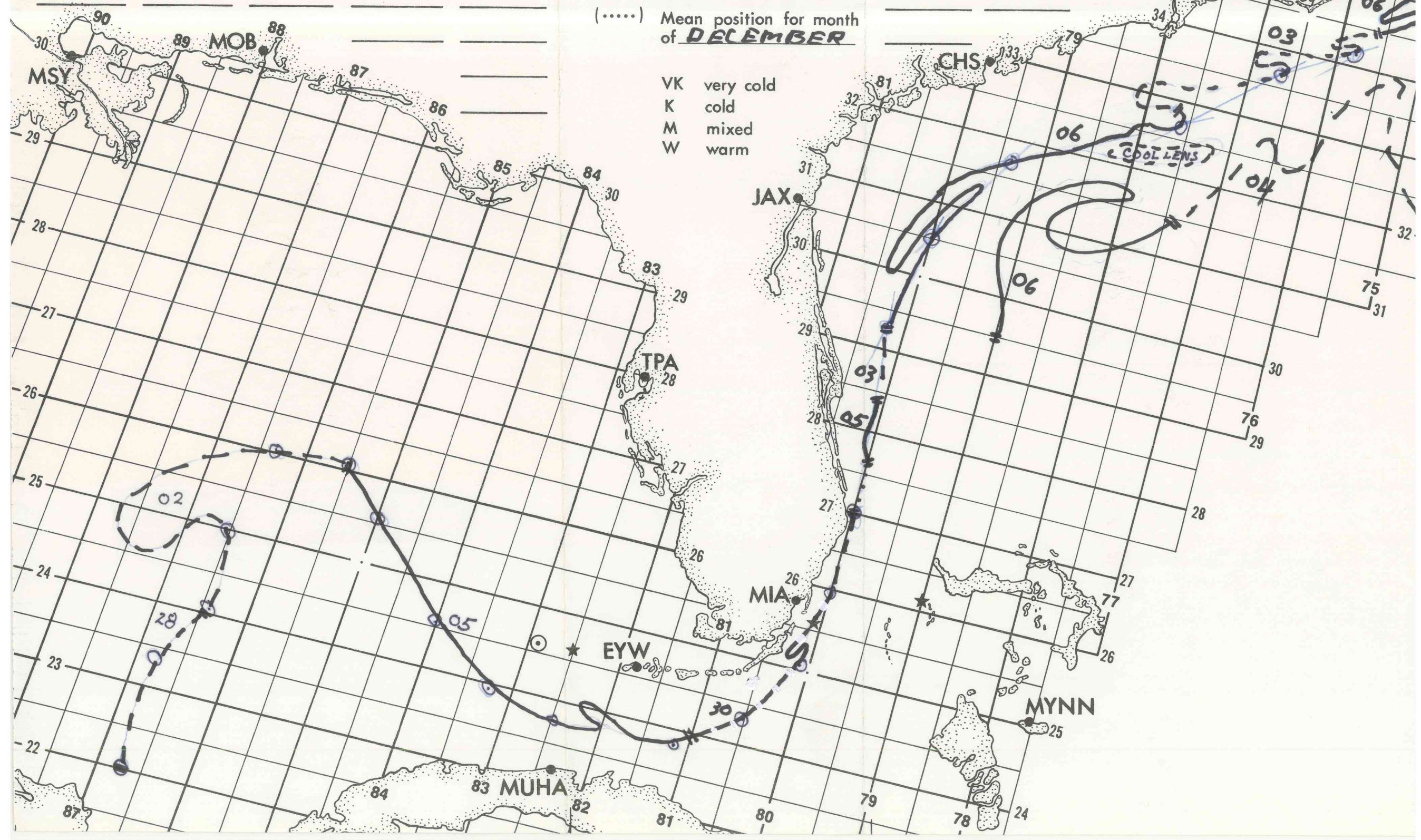
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART # 2450

270800 293802 305800 317794 327776
 337766 342758 350749 355748 359743
 362735 366731 367724 375717
 378710 379693 387678 386675
 369663 367659 368650 372646



NNNN

ZCZC WBC433
TBXX40 KMIA 061330

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
06 DEC 1978

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

221867 234868 241864 250865 260864 261855 256850 246841 239833
237825 238812 243805 251801 260800.

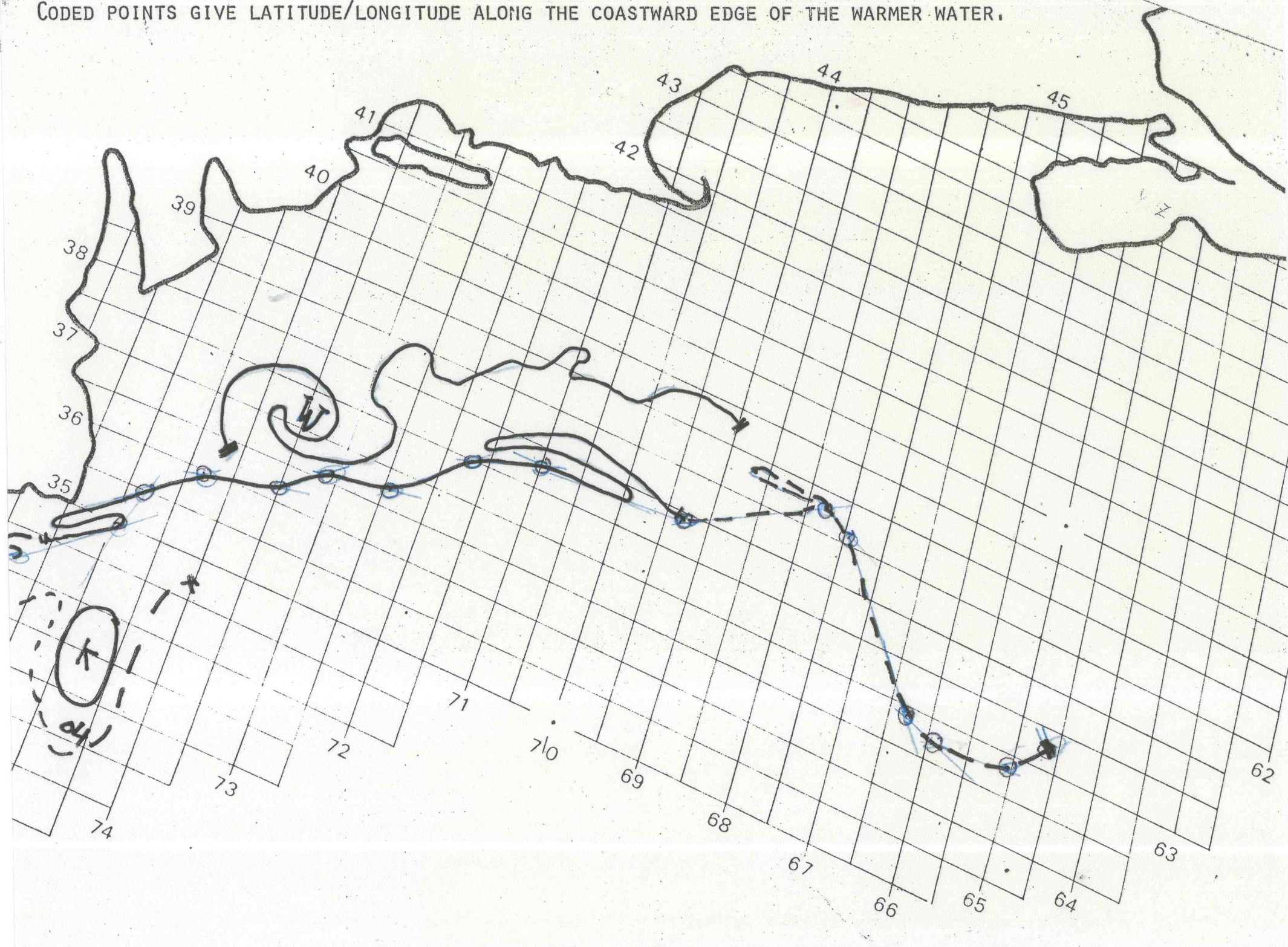
MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

A MEANDER 40 TO 60 NM WIDE EXISTS FROM 24.7N 84.3W TO
25.7N 88.3W.

BAIG/DUERNBERGER

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 06 DEC 1978 PART B

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



ZCZC

SXNT1 KWBC 062010

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

27.0/80.0	29.3/80.2	30.5/80.0	31.7/79.4
32.7/77.6	33.7/76.6	34.2/75.8	35.0/74.9
35.5/74.8	35.9/74.3	36.2/73.5	36.6/73.1
36.7/72.4	37.5/71.7	37.8/71.0	38.0/69.3
38.6/67.8	38.6/67.5	36.9/66.3	36.7/65.9
36.8/65.0	37.2/64.6		

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12-15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA. 12/6/78 1305Z

GULF STREAM SYSTEM FLOW CHART #2450

221867 227869 240870 254867 261862
 261858 259851 249844 241832 238825
 239811 244805 254800 260800//

NOAA Miami SFSS

Date: **08 DEC** 19**78**

Depicted land areas should not be used for navigation.

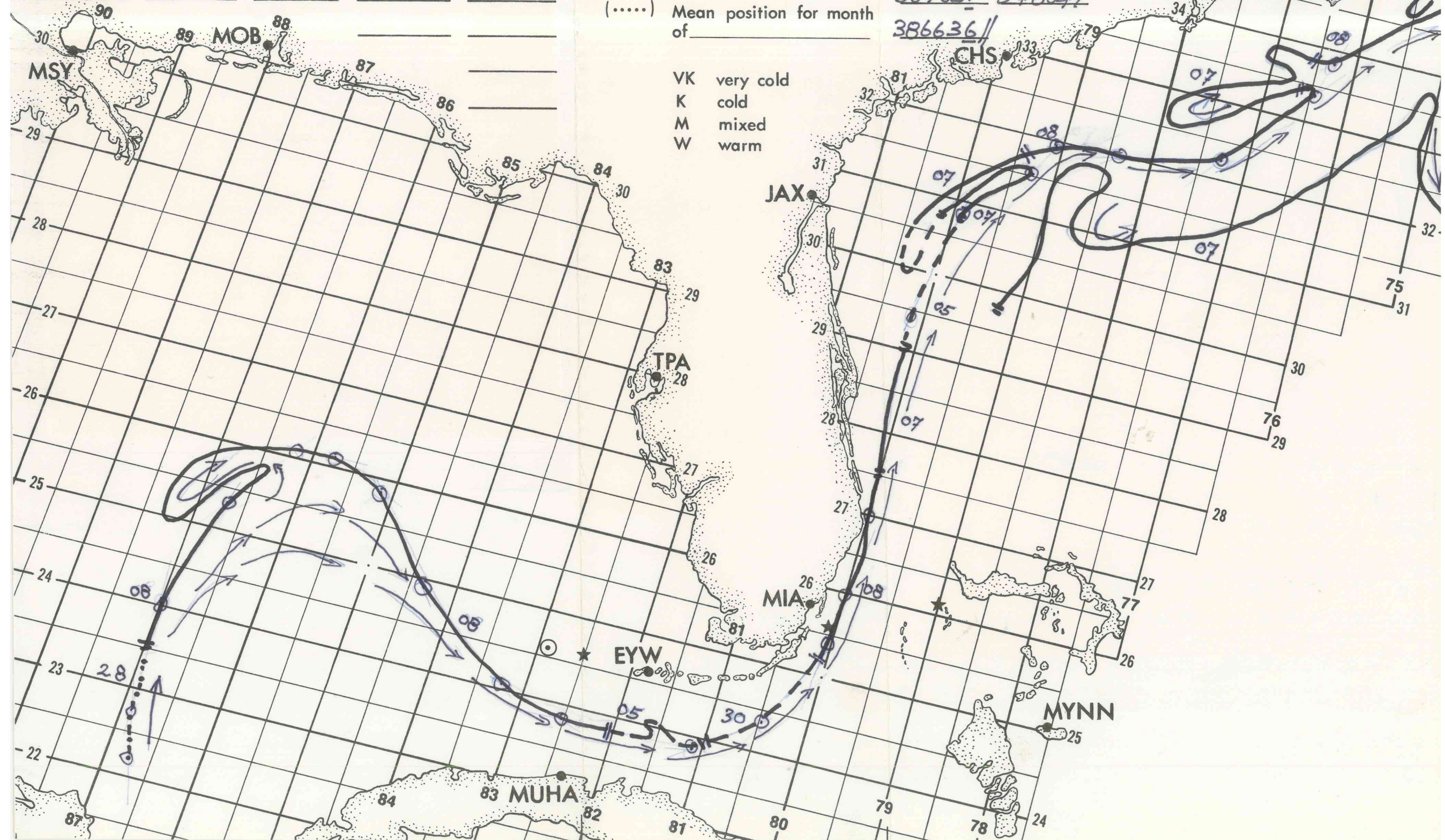
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART #2450

270800 294801 308799 315793 319791
 320784 323773 334765 338762 353745
 359744 370716 377713 378701
 381692 380685 384674 381666
 377664 370665 365663 365658
 369651 378647
 386636//



ZCZC WBC132
TBXX40 KMIA 081300

Dec 8 13 27 '78

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
08 DEC 1978

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

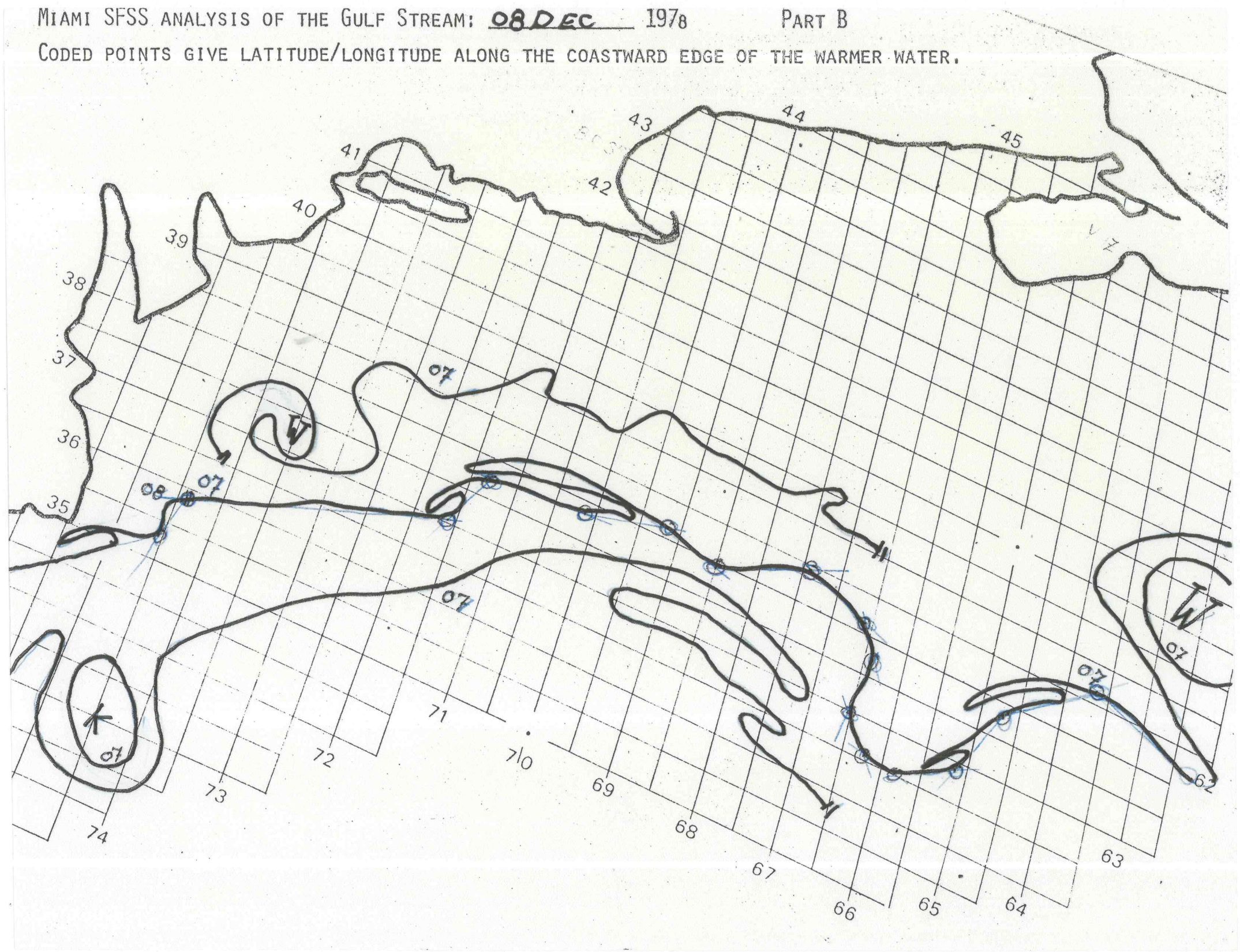
221867 227869 240870 254867 261862 261858 259851 249844
241832 238825 239811 244805 254800 260800.

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

QUERNBERGER

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 08 DEC 1978 PART B

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



ZCZC
SXNT1 KWBC 081942

GULF STREAM LOCATION

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

27.0/80.0	29.4/80.1	30.8/79.9	31.5/79.3
31.9/79.1	32.0/78.4	32.3/77.3	33.4/76.5
33.8/76.2	35.3/74.5	35.9/74.4	37.0/71.6
37.7/71.3	37.9/70.1	38.0/69.2	38.0/68.5
38.4/67.4	38.1/66.6	37.0/66.5	36.5/66.3
36.5/65.8	36.9/65.1	37.8/64.7	38.4/63.6

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES
SEWARD OF THIS LINE. LATEST SATELLITE DATA 12/8/78 AT 0900Z

FROM MV MARCONA CONVEYOR - ENROUTE FROM -
 OCEAN CAY / BAHAMAS TO GREAT INAGUA / BAH.
 (VIA OLD BAHAMA CHANNEL)
 TO OCEAN CAY - SEAWATER INTAKE AT 30 FEET DEPTH.

ATT. MR. B. KENNEDY - FOR MIAMI SFS ANALYSIS

DATE	TIME GMT	POSITION P N	POSITION L W	SEAWATER TEMPERATURE
Dec. 08	11 00	25° 03' N	79° 22' W ✓	85° F
08	13 00	24° 32' N	79° 26' W ✓	85° F
08	15:00	24° 00' N	79° 30' W	85° F
08	17:00	23° 37' N	79° 18' W	85° F
08	19:00	23° 10' N	79° 06' W	85° F
08	21:00	22° 50' N	78° 44' W	85° F
08	23 00	22° 39' N	78° 14' W ✓	85° F
09	01 00	22° 23' N	77° 47' W ✓	84° F
09	03:00	22° 05' N	77° 22' W	84° F
09	05:00	21° 55' N	76° 51' W	84° F
09	0700	21° 45' N	76° 21' W	84° F
09	0900	21° 34' N	75° 51' W	84° F
09	11 00	21° 26' N	75° 19' W ✓	84° F
09	13 00	21° 19' N	74° 47.5' W ✓	85° F
09	15:00	21° 11' N	74° 15' W	85° F
09	17:00	21° 04' N	73° 42' W	85° F

GULF STREAM SYSTEM FLOW CHART #2450

236869 250867 258864 261857 260854
 257848 249843 242834 238824 239810
 241806 242804 247803 252801 260800

NOAA Miami SFSS

Date: 11 DEC 1978

Depicted land areas should not be used for navigation.

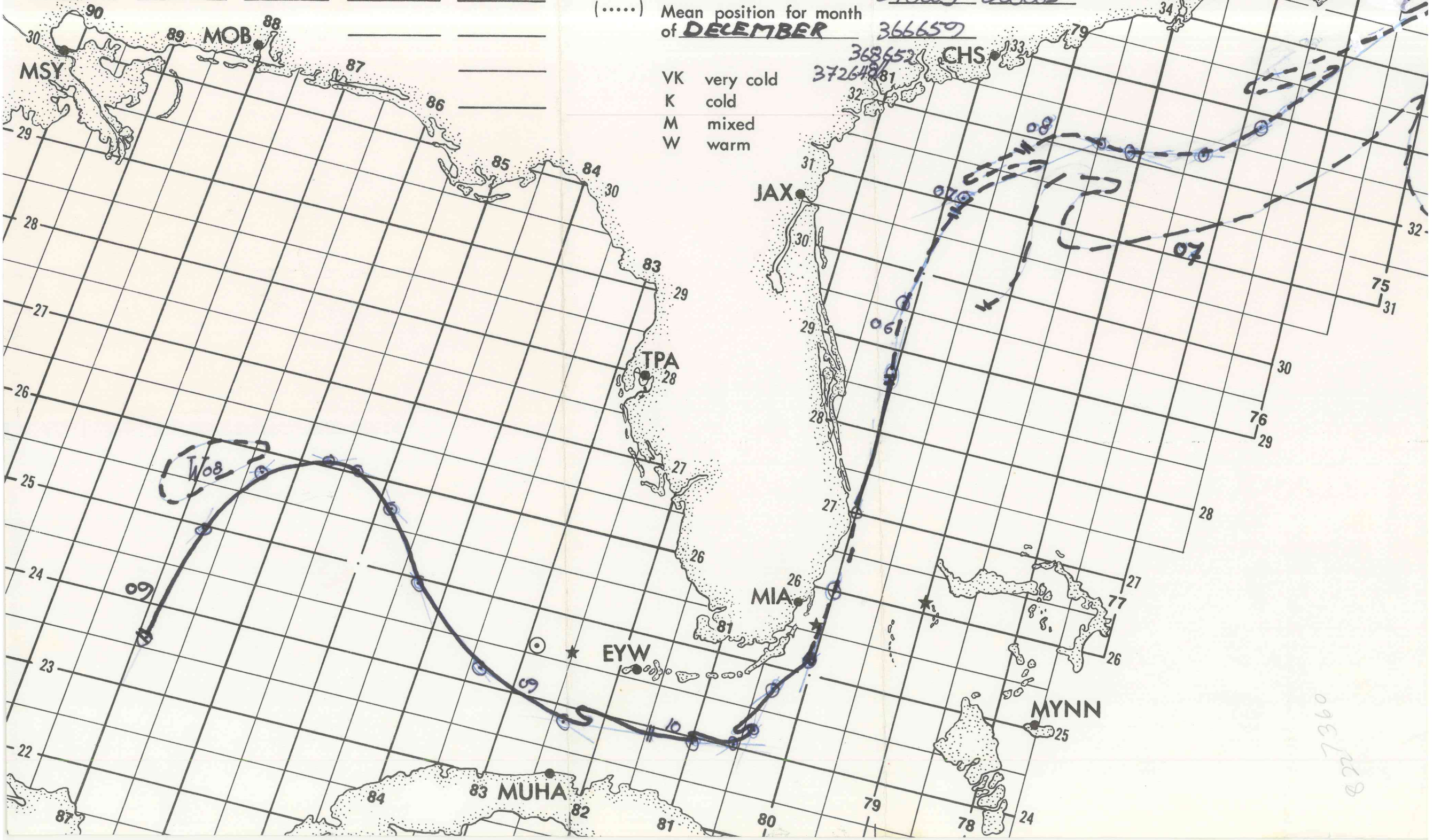
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART #2450

270800 287800 296801 311798 321785
 321781 323773 328768 345755 350749
 355747 360740 363739 366733
 367725 370723 372714 378710
 379704 380692 380681 382671
 378665 368663



NNNN

ZCZC WBC177

TBXX40 KMIA 111400

Dec 11 9 55 AM '78

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
11 DEC 1978

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

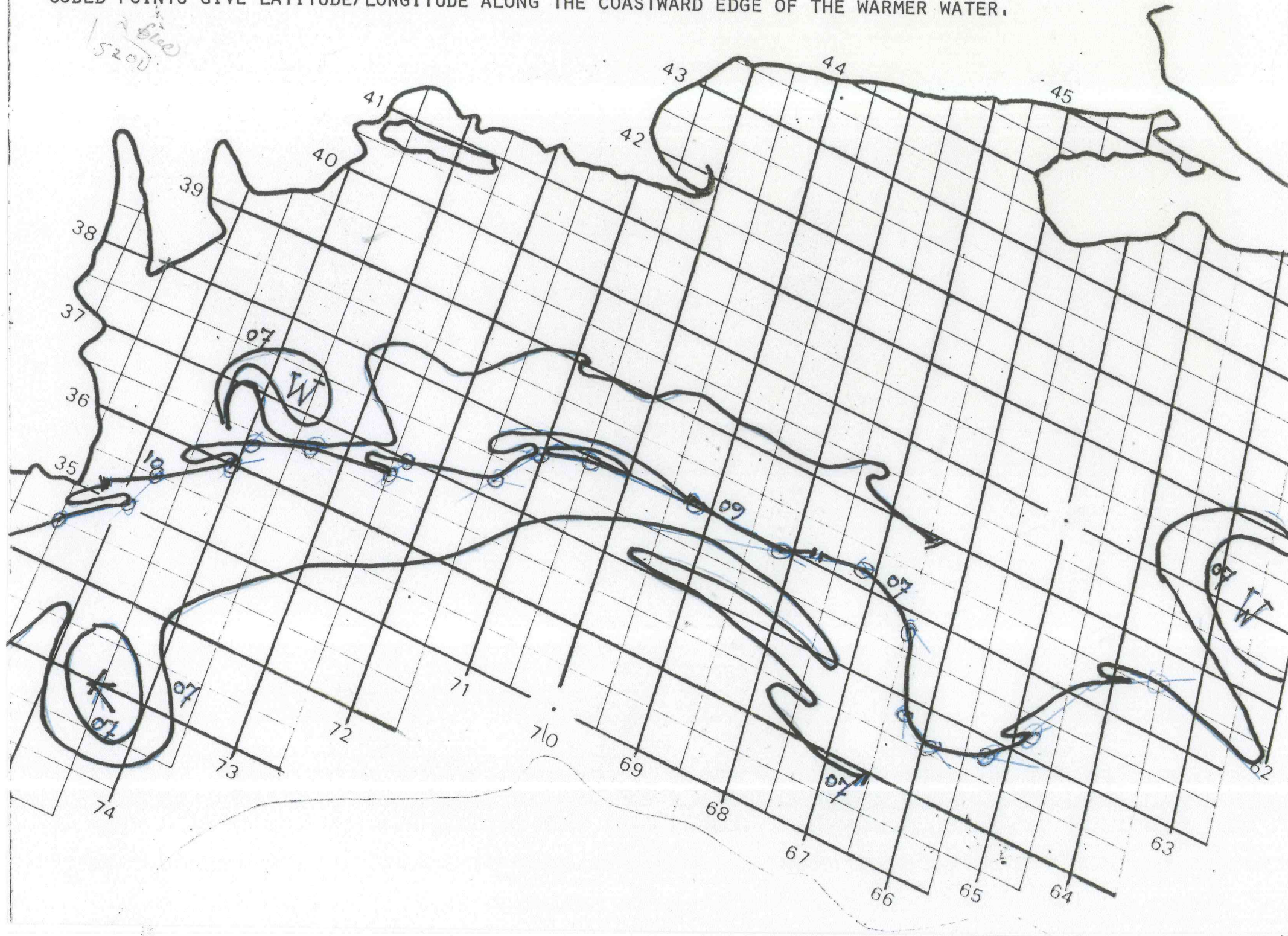
236869 250867 258864 261857 260854 257848 249843 242834
238824 239810 241806 242804 247803 252801 260800.

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

BAIG/DUERNBERGER

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 11 DEC 1978 PART B

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



ZCZC
SXNTI KWBC 111940
GULF STREAM LOCATION: THE LINE DESCRIBED BY
THE FOLLOWING SEQUENCE OF POINTS REPRESENTS THE
WEST WALL OF THE GULF STREAM

27.0/80.0	28.7/80.0	29.6/80.1	31.1/79.8
32.1/78.5	32.1/78.1	32.3/77.3	32.8/76.8
34.5/75.5	35.0/74.9	36.0/74.0	36.3/73.9
36.6/73.3	36.7/72.5	37.2/71.4	37.8/71.0
37.9/70.4	38.0/68.1	38.2/67.1	37.8/66.5
36.8/66.3	36.6/65.9		

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN
12 TO 15 MILES SEAWARD OF THIS LINE. LATEST
SATELLITE DATA 12/11/78

FROM 'MN-MARCONA CONVEYOR' ELDJ
 ENROUTE FROM GREAT INAGUA ISLD. BAHAMAS TO NEW YORK
 TO OCEAN CAY - NOTE: SEAWATER INTAKE AT ~~25~~³⁵ FEET DEPTH
 ATT. Mr. B. Kennedy - For Miami SESS Analysis

DATE	GMT TIME	POSITION ϕ N	POSITION λ W	SEAWATER TEMPERATURE
Dec. 11.	2100	21° 18' N	73° 51' W	85° F
11	2300	21° 45' N	74° 09' ✓	84° F
12	0100	22° 13' N	74° 23.5' W	84° F
12	03:00	22° 45' N	74° 30' W	84° F
12	05:00	23° 16' N	74° 33' W	85° F
12.	0700	23° 45' N	74° 38' W	84° F
12.	0900	24° 15' N	74° 40' W	84° F
12	1100	24° 48' N	74° 36' ✓	84° F
12	1300	25° 18' N	74° 36' ✓	84° F
12	15:00	25° 48' N	74° 35' W	83° F
12	17:00	26° 18' N	74° 33' W	83° F
12.	1900	26° 49' N	74° 33' W	82° F
12.	2100	27° 19' N	74° 31' W	81° F
12.	2300	27° 48' N	74° 32' ✓	82° F
13	0100	28° 12' N	74° 30' ✓	82° F
13	03:00	28° 38' N	74° 28' W	81° F
13	05:00	29° 03' N	74° 28' W	80° F
13.	0700	29° 30' N	74° 28' W	80° F
13.	0900	29° 57' N	74° 26' W	79° F
13	1100	30° 30' N	74° 25' W	78° F
13	1300	30° 56' N	74° 24' W	77° F
13	17:00	31° 52' N	74° 20' W	81° F
13				

GULF STREAM SYSTEM FLOW CHART # 2450

236869 251868 265858 265854 257847
 239839 238827 239807 244802 254800
 260800//

NOAA Miami SFSS

Date: **13 DEC** 19**78**

Depicted land areas should not be used for navigation.

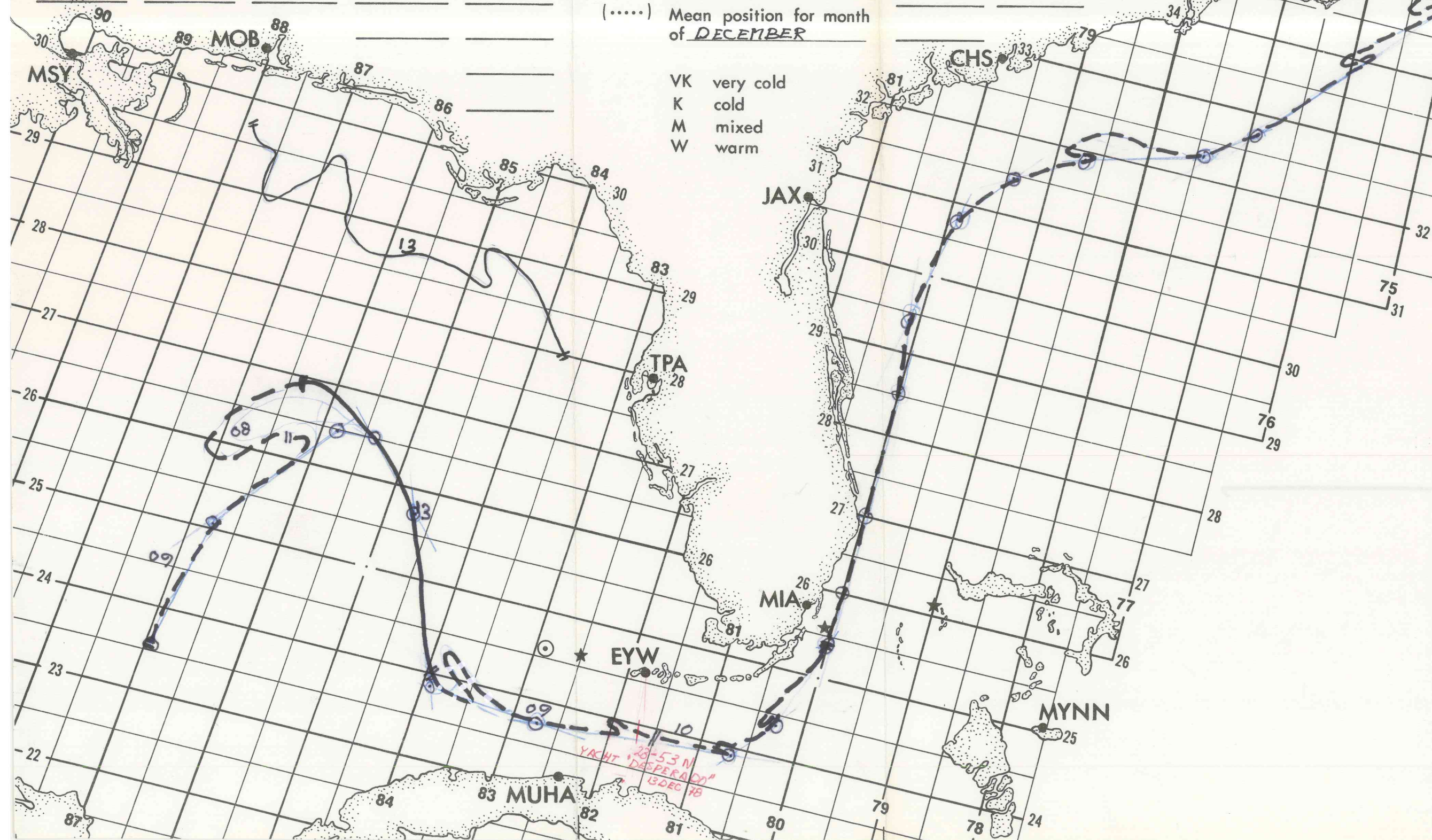
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART # 2450

270800 285800 294801 308799 315794
 319787 323774 327769 356743 362742
 367733 366725 370714 377710
 380700 378681 381670 380665
 366660 365656 369649//



NNNN+A
ZCZC WBC392
TBXX40 KMIA 131530

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
13 DEC 1976

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

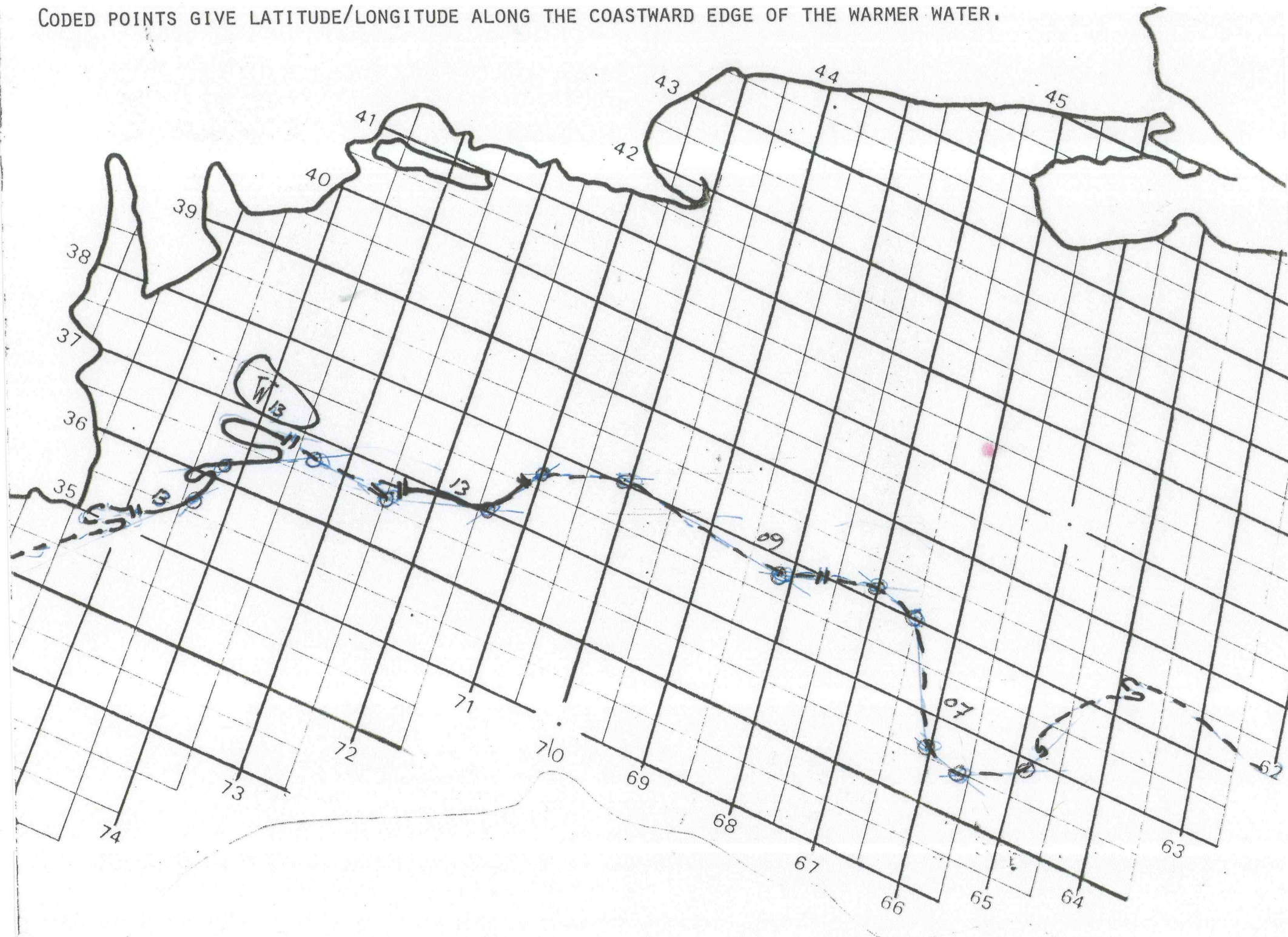
236869 251868 265858 265854 257847 239839 238827 239807
244802 254800 260800.

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

BAIG/DUERBERGER

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 13 DEC 1978 PART B

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



GULF STREAM SYSTEM FLOW CHART # 2450

228869 233870 242875 249869 265858
 259850 249844 239840 237836 238823
 239807 245803 260800 //

NOAA Miami SFSS

Date: 15 DEC 1978

Depicted land areas should not be used for navigation.

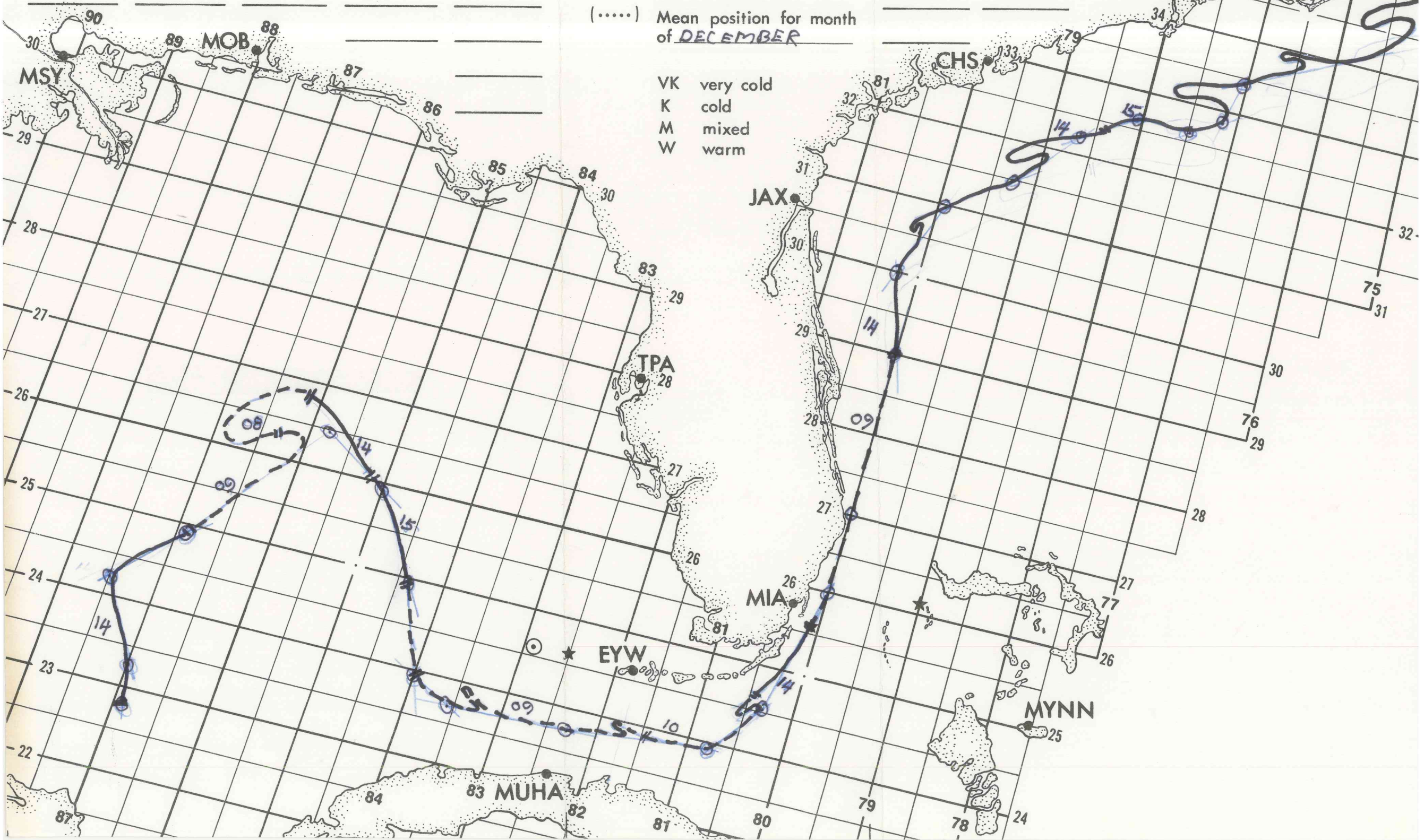
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART # 2450

270800 290800 300802 310799 315792
 322787 326781 326775 329771 335770
 342754 360740 372717 373708
 383697 379680 383668 382663
 360652 360648 365644 //



NNNNJA
ZCZC WBC786
TBXX40 KMIA 151545

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
15 DEC 1978

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

228869 233870 242875 249869 265858 259850 249844 239840
237836 238823 239807 245803 260800.

MAX CURRENT LIES ABOUT 3 NM SEAWARD OF THIS LINE.

MEANDER ABI 30 NM WIDE FM 26.2N 86.7W TO 26.7N 86.1W.

BAIG/DUERNBERGER

GULF STREAM SYSTEM FLOW CHART # 2450

226866 245875 251876 264854 261849
 245842 237841 235837 236830 242811
 245806 250802 260800

NOAA Miami SFSS

Date: 18 DEC 1978

Depicted land areas should not be used for navigation.

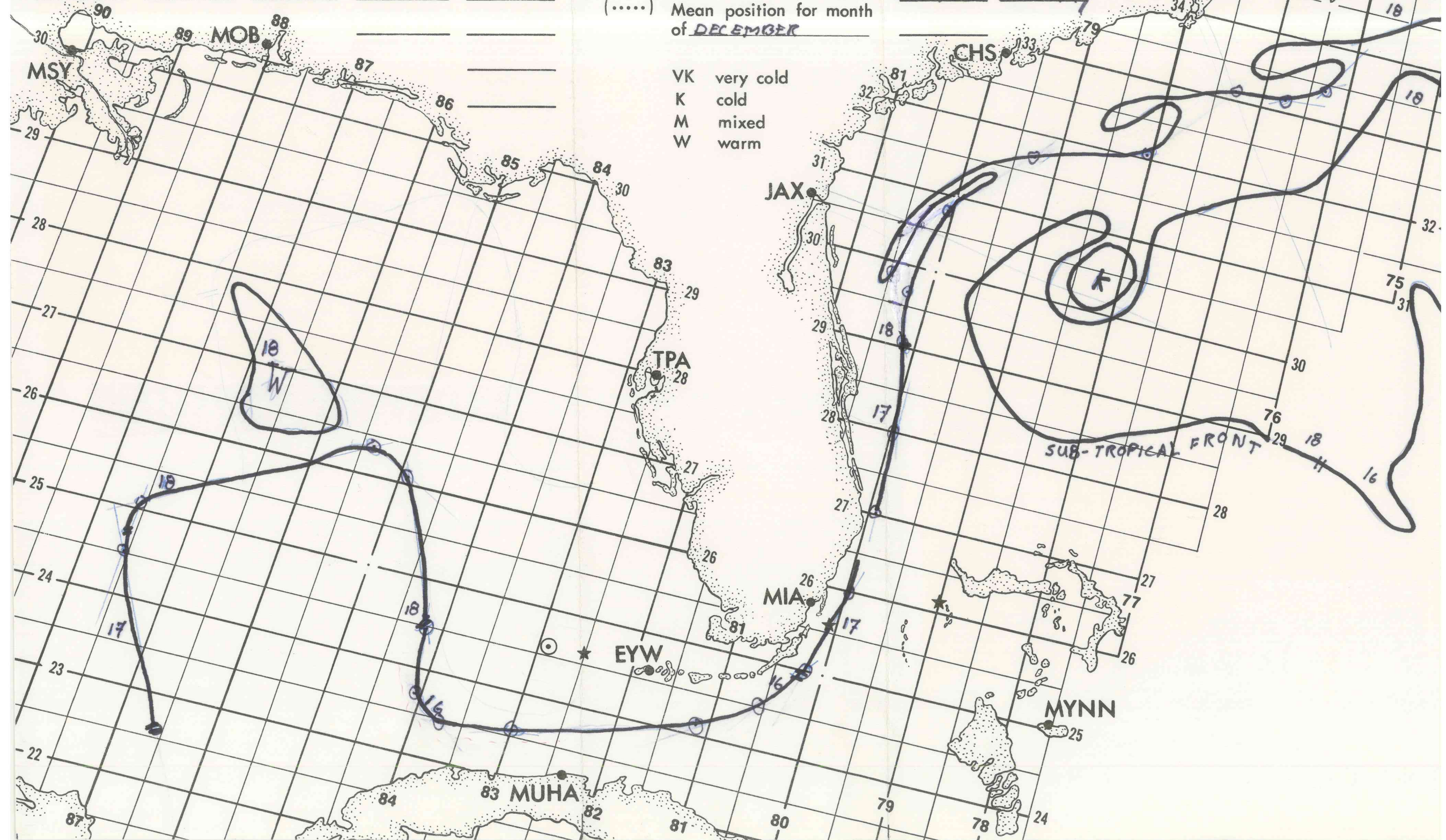
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART # 2450

270799 280800 297802 308807 317793
 327787 331773 332767 334763 343758
 348750 355742 360740 362737
 367729 368722 372718 379705
 384687 378678 384664 382660
 359652 360647



ZCZC WBC374

TBXX40 KMIA 181630

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
18 DEC 1978

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

226966 245875 251876 264854 261849 245842 237841 235837
236830 242811 245806 250802 260800.

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

DETACHED EDDY 10 TO 50 NM WIDE ALG A LN FM 26.5N
86.4W TO 27.7N 87.3W.

BAIG/DUERNBERGER

V

ZCZC
SXNTI KWBC 181955

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	29.7/80.2	30.8/80.0
31.7/79.3	32.1/78.1	33.1/77.3	33.2/76.7
33.4/76.3	34.3/75.8	34.8/75.0	36.0/74.0
36.2/73.2	36.8/72.2	37.9/70.5	38.4/68.7
37.8/67.8	38.4/66.4	38.2/66.0	35.9/65.2

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12-15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA.. 12/18/78 0900S

GULF STREAM SYSTEM FLOW CHART # 2450

220867 228867 242872 258865 266850
 255842 239838 237834 240815 245806
 249802 260800//

NOAA Miami SFSS

Date: 20 DEC 1978

Depicted land areas should not be used for navigation.

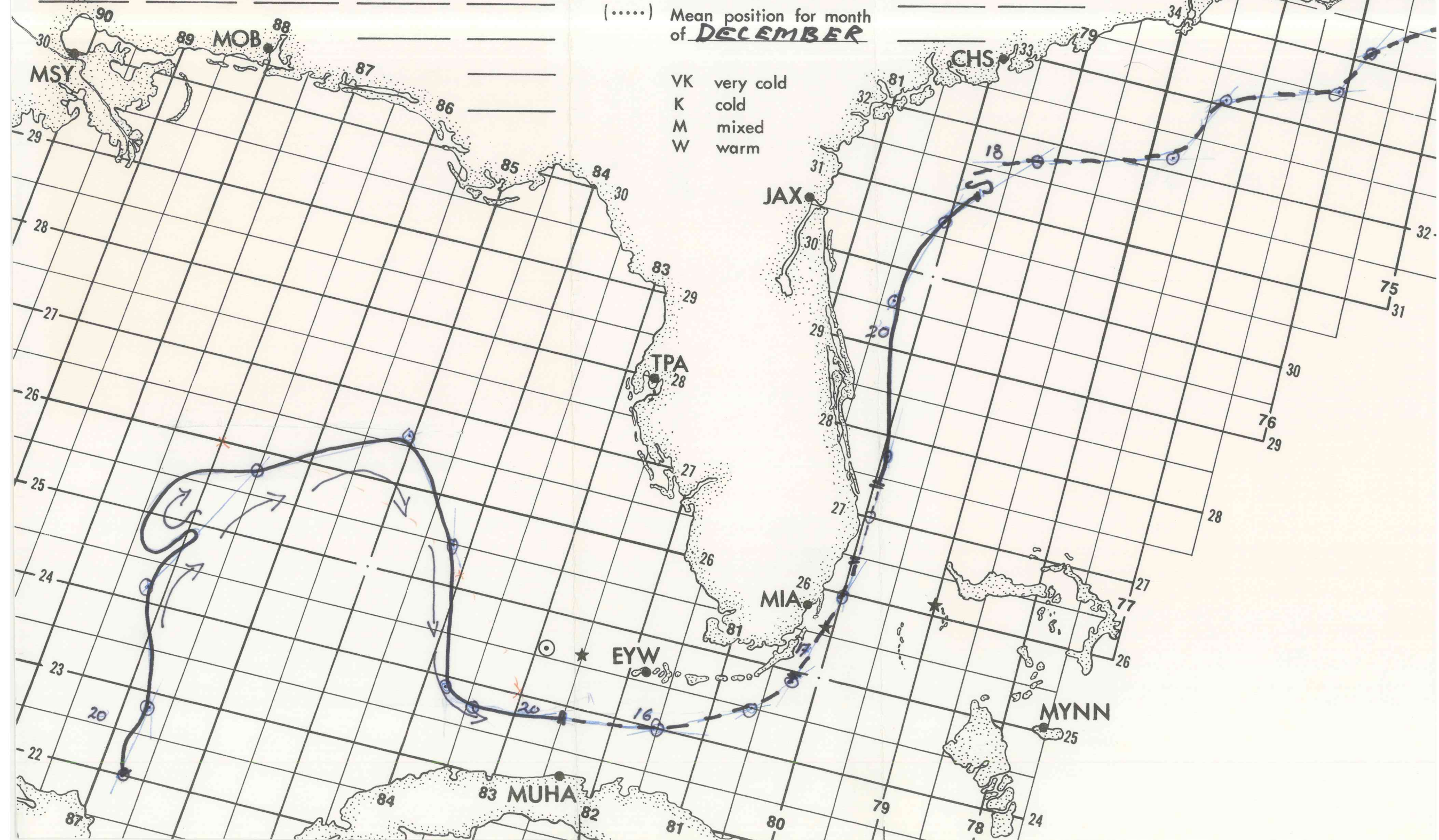
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART # 2450

270799 277799 296803 307800 318792
 322777 331774 335761 341758 350748
 360736 379705 384689 376677
 382661 381658 360650//



NNNN

ZCZC WBC040

TBXX40 KMIA 201430

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO ~~1948~~ ~~AMLR~~ ~~BENT~~
20 DEC 1978

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

220867 228867 242872 258865 266850 255842 239838 237834
240815 245806 249802 260800.

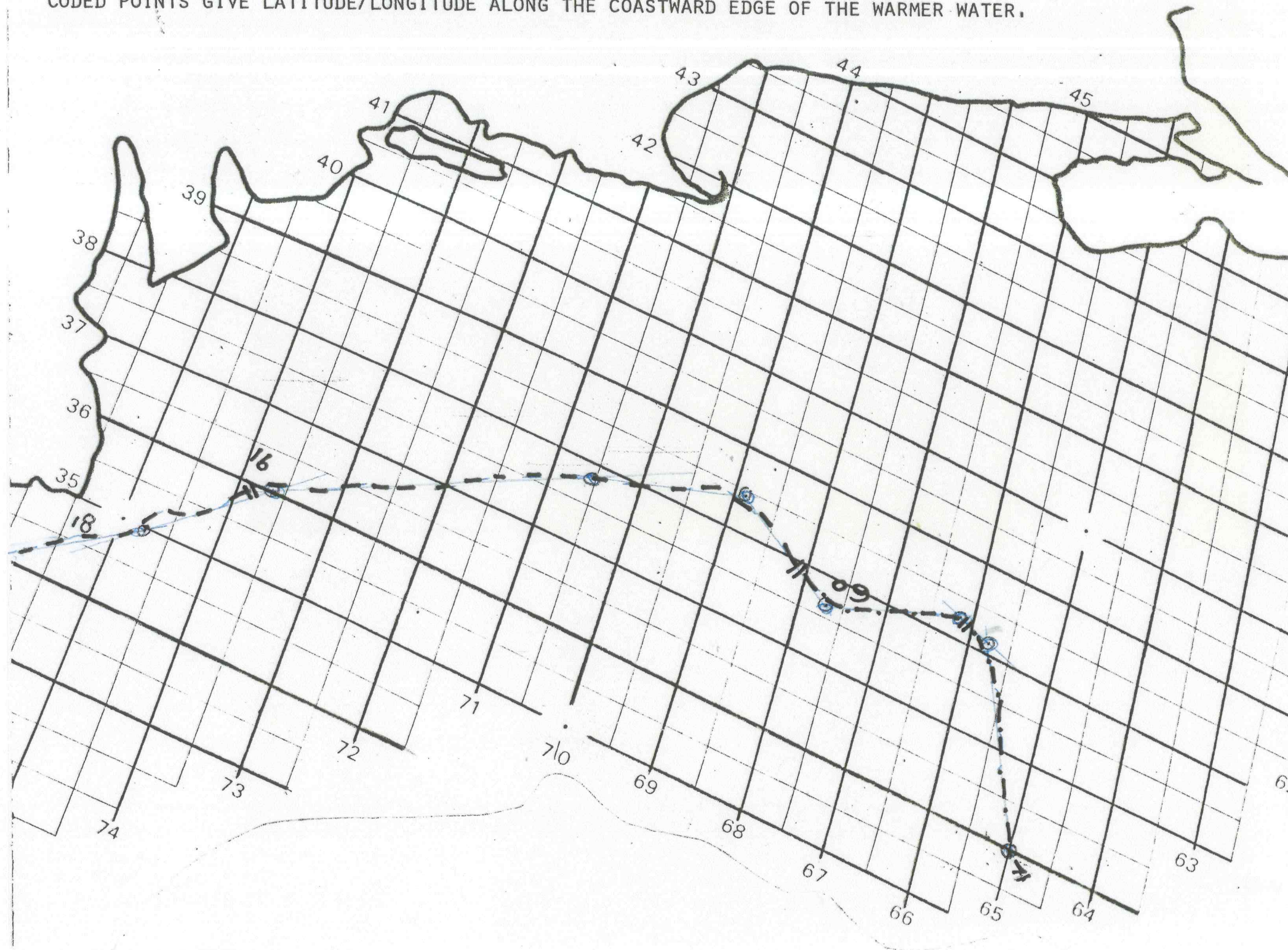
MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

BAIG/DUERNBERGER

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 20 DEC 1978

PART B

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



NNNN↓

ZCZC
SXNT1 KWBC 202236

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	29.6/80.3	30.7/80.0
31.8/79.2	32.3/77.8	33.1/77.4	33.5/76.5
34.4/75.8	35.0/75.0	36.0/73.6	37.9/70.5
38.6/68.9	37.6/67.7	38.2/66.1	38.1/65.8
36.0/65.0			

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12/15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA 12/20/78 0900Z.

NNNN↓

GULF STREAM SYSTEM FLOW CHART # 2450

220867 232868 238871 244872 249867
 257864 265850 262846 239837 236834
 237816 240808 244803 251800 260799//

NOAA Miami SFSS

Date: 22 DEC 1978

Depicted land areas should not be used for navigation.

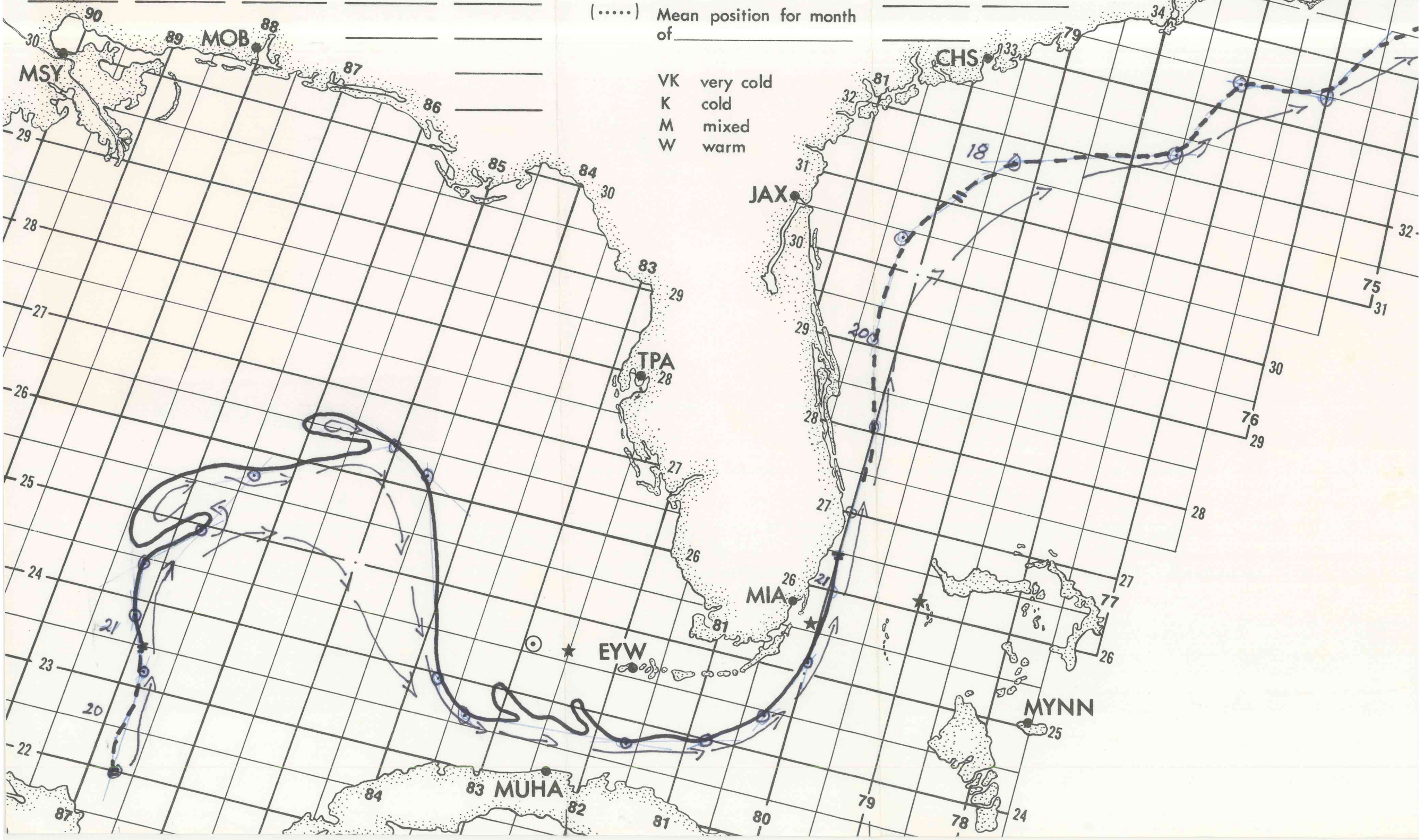
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART # 2450

270800 281800 291802 304803 317793
 323715 334771 335760 345755 349748
 359737 378706 384688 375674
 382660 362650//



NNNN+
ZCZC WBC224
TBXX40 KMIA 221300

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
22 DEC 1978.

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

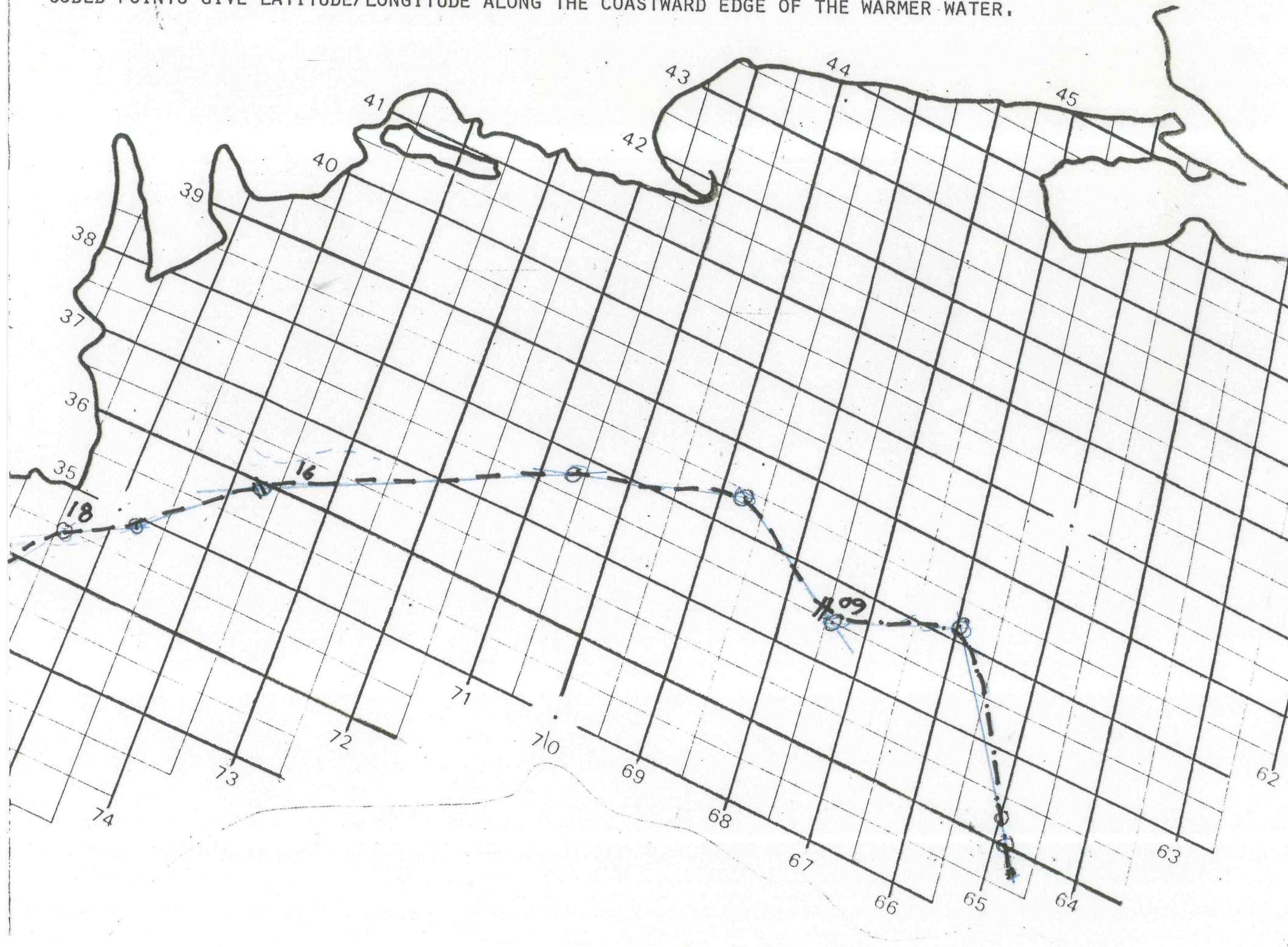
220867 232868 238871 244872 249867 257864 265850 262846
239837 236834 237816 240808 244803 251800 260799.

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

BAIG/DUERNBERGER

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 22 DEC 1978 PART B

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



V

ZCZC
SXNT1 KWBC 222115

GULF STREAM LOCATION

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

27.0/80.0 28.1/80.0 29.1/80.2 30.4/80.3

31.7/79.3 32.5/77.5 33.4/76.9 33.5/76.0

34.5/75.5 35.0/75.1 36.8/73.6 37.8/70.6

38.4/68.8 37.5/67.4 38.2/66.0 36.2/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 AND 15
MILES SEWARD OF THIS LINE. LATEST SATELLITE DATA 12/22/78
AT 0900Z.

GULF STREAM SYSTEM FLOW CHART # 2450

221868 229867 245872 258864 265849
 256843 241839 237835 238815 242806
 250800 260800//

NOAA Miami SFSS

Date: 25 DEC 1978

Depicted land areas should not be used for navigation.

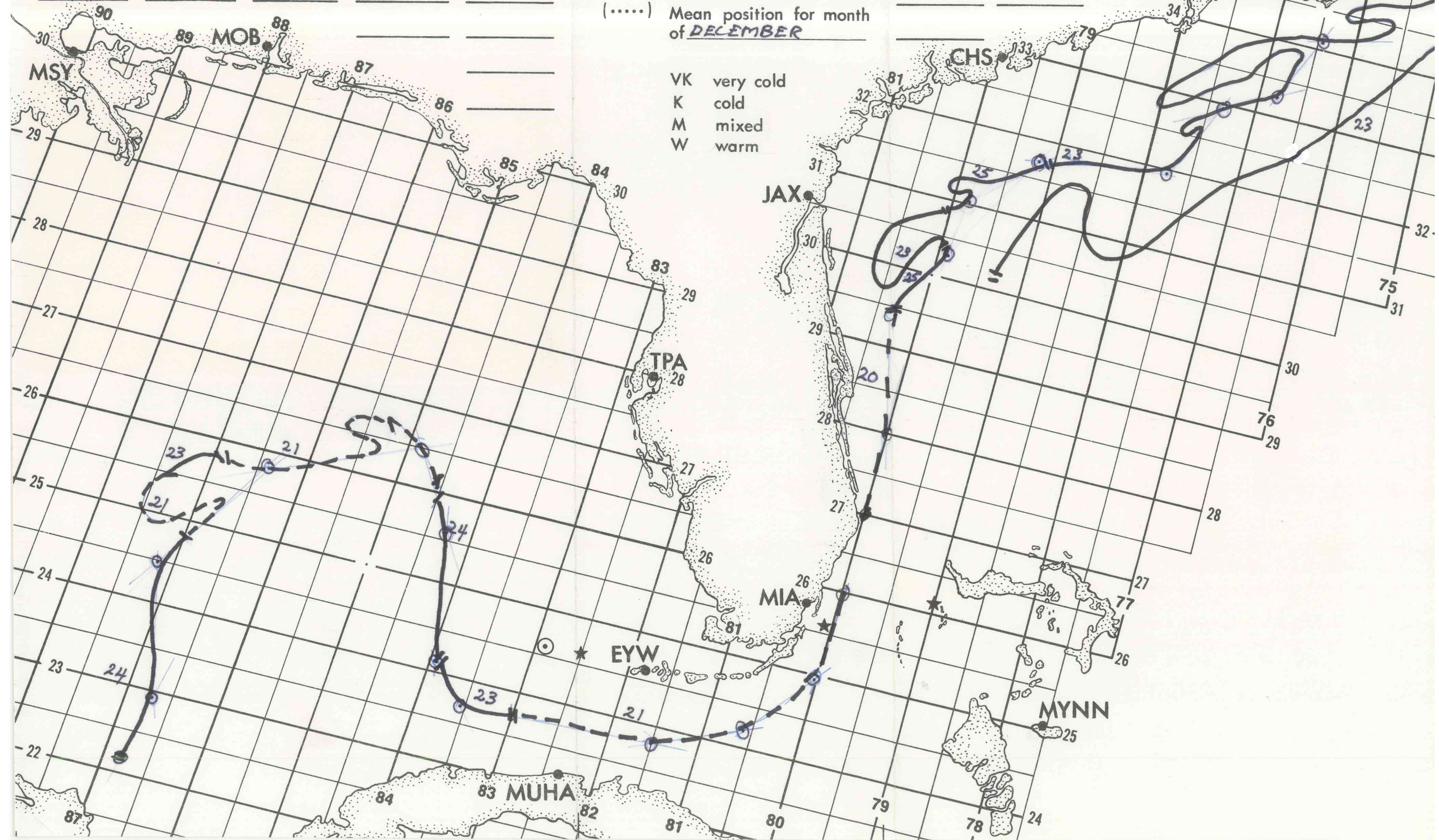
(-----) Position based on data up to 7 days old.

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

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART # 2450

270800 280800 294803 303799 310798
 317792 320777 330773 333768 341765
 343757 350752 360737 362729
 382702 380695// 380684//



NNNN

ZCZC WBC808
TBXX40 KMIA 251415

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
25 DEC 1978.

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

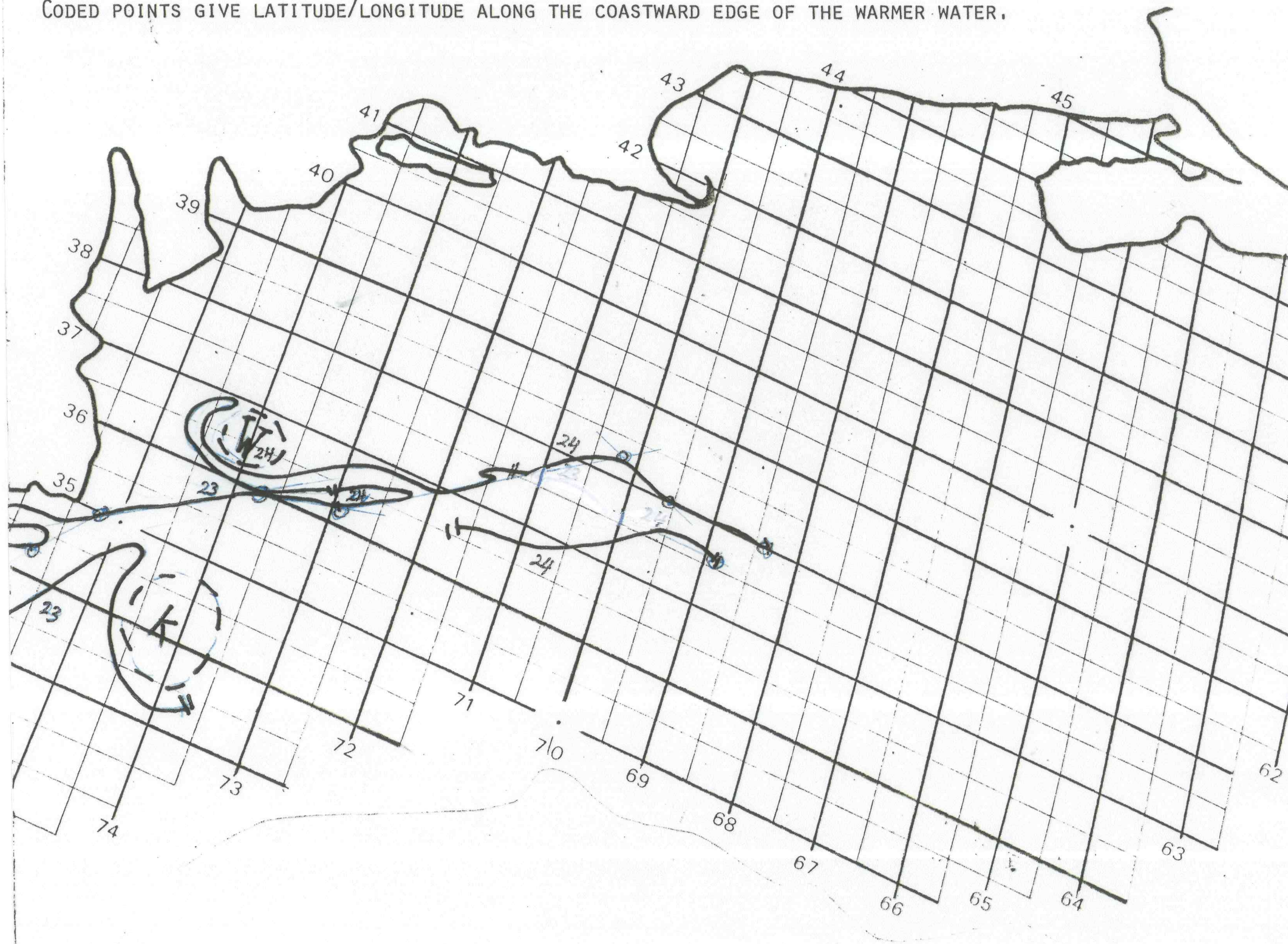
221868 229867 245872 258864 265849 256843 241839 237835
238815 242806 250800 260800.

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

BAIG/DUERNBERGER

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 25 DEC 1978 PART B

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



GULF STREAM SYSTEM FLOW CHART # 2450

221868 229867 245872 258864 265849
 256843 241839 237835 238815 242806
 250800 260800 //

NOAA Miami SFSS

Date: 27 DEC 1978

Depicted land areas should not be used for navigation.

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

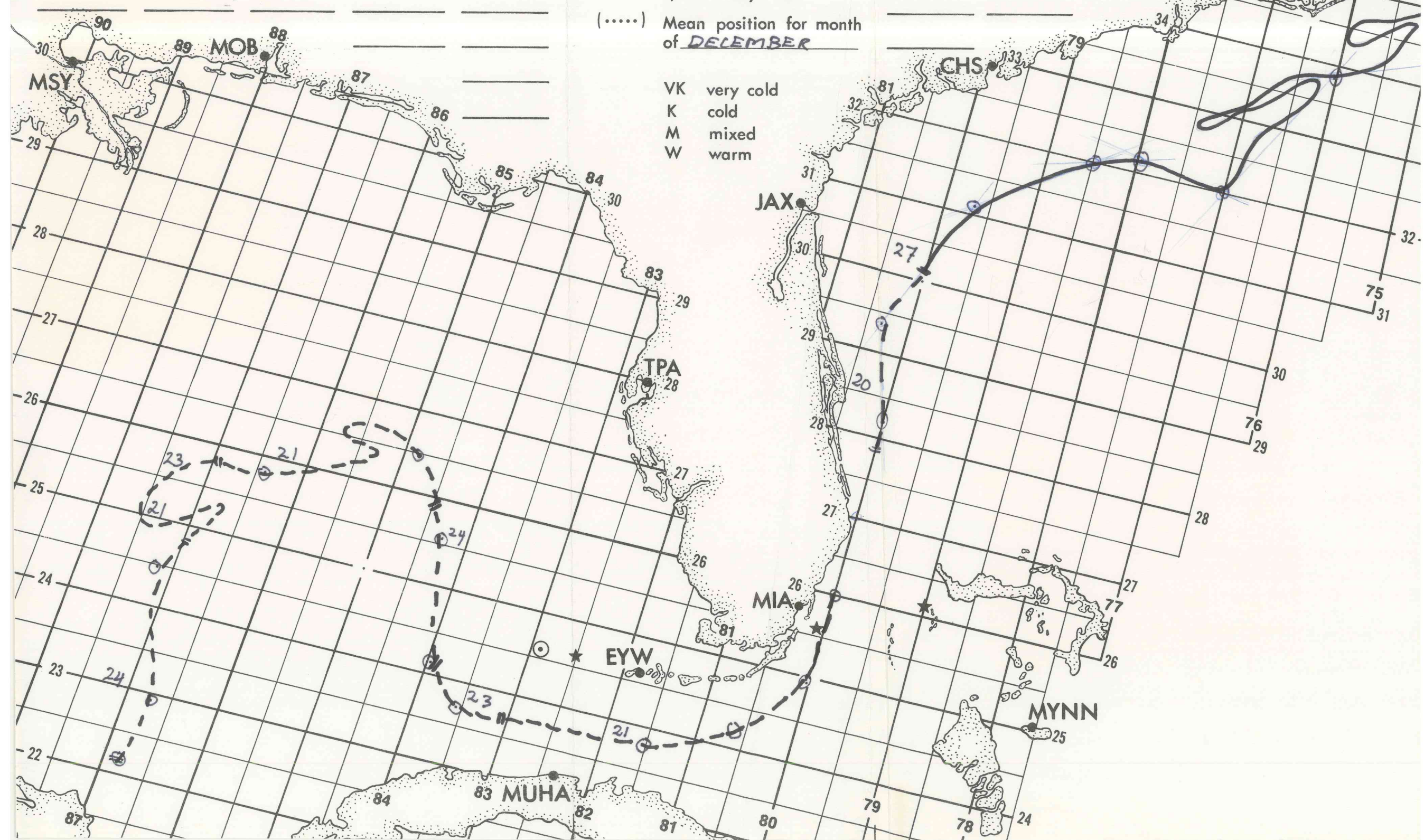
(.....) Mean position for month of DECEMBER

VK very cold
 K cold
 M mixed
 W warm

GULF STREAM SYSTEM FLOW CHART # 2450

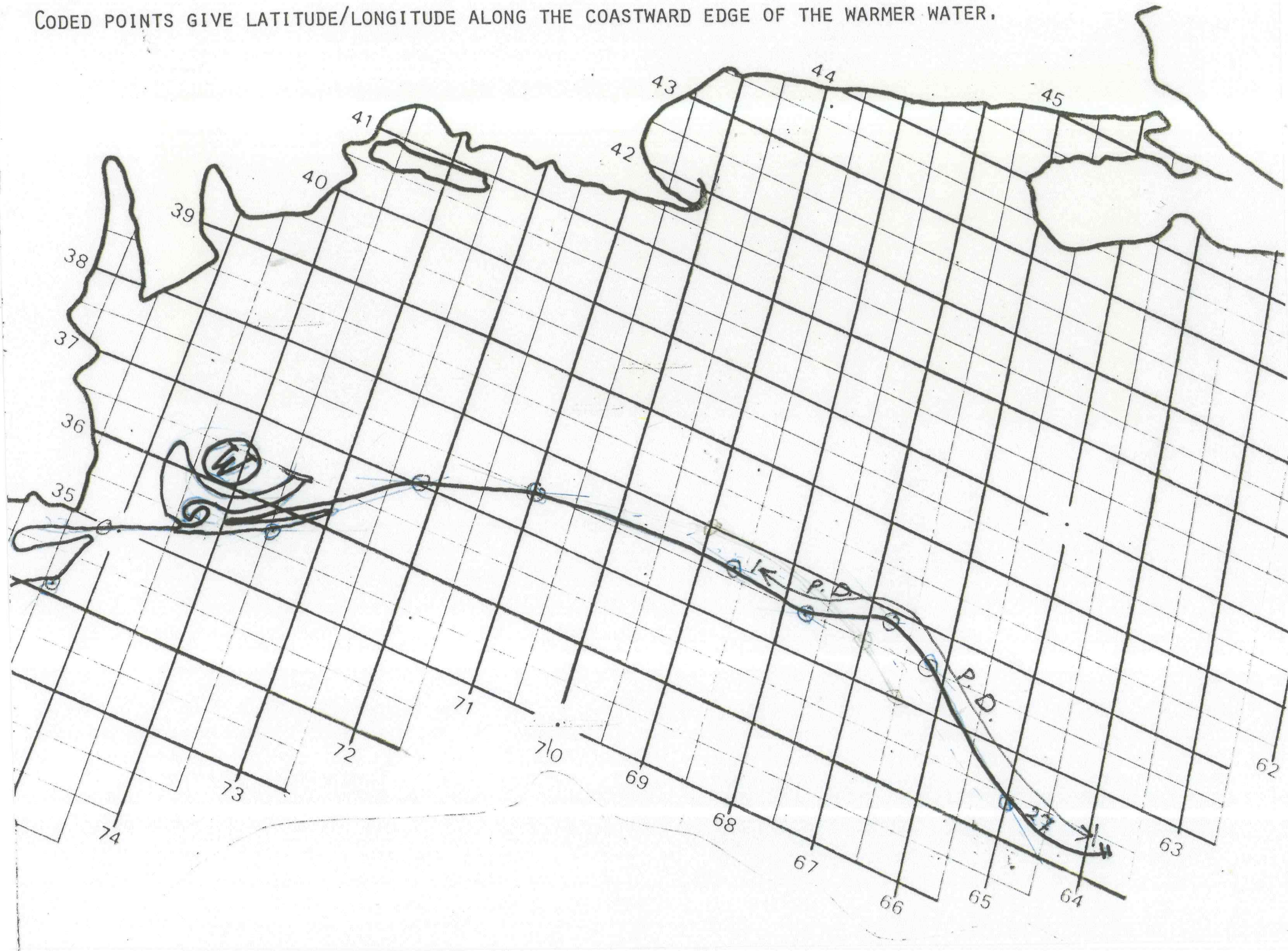
270800 282800 294803 311796 320785
 322780 320770 339760 341754 350751
 357735 370722 375710 376686
 375677 379668 375662 364650 //

POSITIONS EAST OF 68.5°W ARE DOUBTFUL



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 27 DEC 1978 PART B

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



NNNN↓V

ZCZC

SXNT1 KWBC 272035

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

27.0/80.0 28.2/80.0 29.4/80.3 31.1/79.6
32.0/78.5 32.2/78.0 32.0/77.0 34.0/76.0
35.0/75.1 35.5/74.0 37.0/72.2 37.6/71.0
38.1/69.0 37.5/67.0 37.0/66.5

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12+15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA. 12/27/78 AT 0900Z

NNNN↓A

ZCZC WBC224

TBXX40 KMIA 271330

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
27 DEC 1978.

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

221868 229867 245872 258864 265849 256843 241839 237835
238815 242806 250800 260800.

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

BAIG/DUERNBERGER

GULF STREAM SYSTEM FLOW CHART #2450

215864 225868 233868 244872 257864
 260856 265851 265848 260844 243840
 238835 237819 243806 248802 260800//

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART #2450

270800 282800 295802 302797 319787
 322779 321773 322769 336762 346751
 350749 358735 370722 377703
 378682 374666 362650//

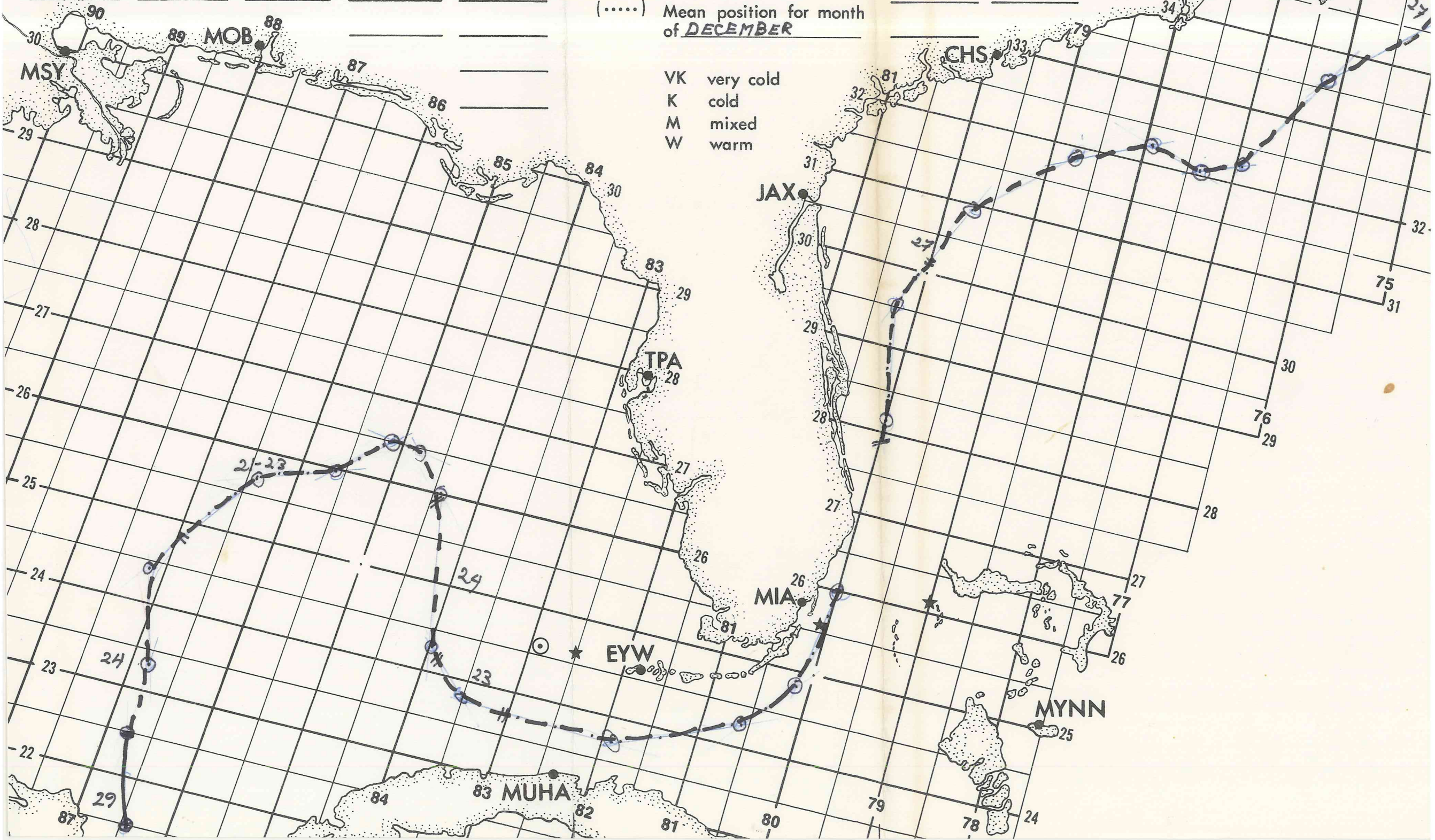
Date: 29 DEC 1978

Depicted land areas should not be used for navigation.

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

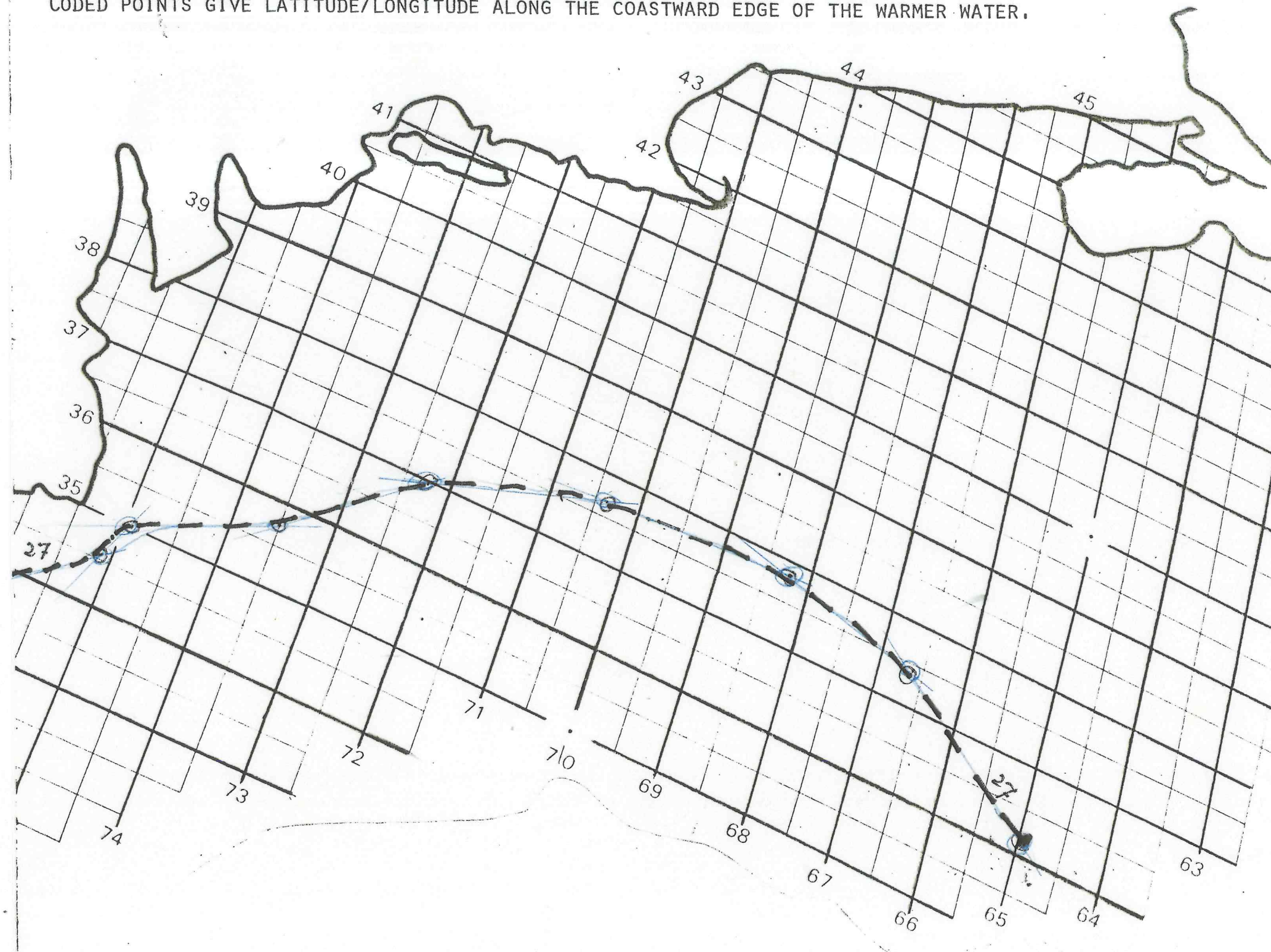
(.....) Mean position for month of DECEMBER

VK very cold
 K cold
 M mixed
 W warm



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 29 DEC 1978 PART B

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



NNNN↓↓A

ZCZC WBC657

SXNT1 KWBC 291710

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

27.0/80.0	28.2/80.0	29.5/80.2	30.9/79.7
31.9/78.7	32.2/77.9	32.1/77.3	32.2/76.9
33.6/76.2	34.6/75.1	35.0/74.9	35.8/73.5
37.0/72.2	37.7/70.3	37.8/68.2	37.4/66.6
36.2/65.0			

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12-15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA 12/29/78 0900Z
BT

NNNN↓↓A

ZCZC WBC608

TBXX40 KMIA 291300

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
29 DEC 1978.

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

215864 225868 233868 244872 257864 260856 265851 265848
260844 243840 238835 237819 243806 248802 260800.

MAX CURRENT LIES ABOUT 8 NM SEAWARD OF THIS LINE.

BAIG/DUERNBERGER