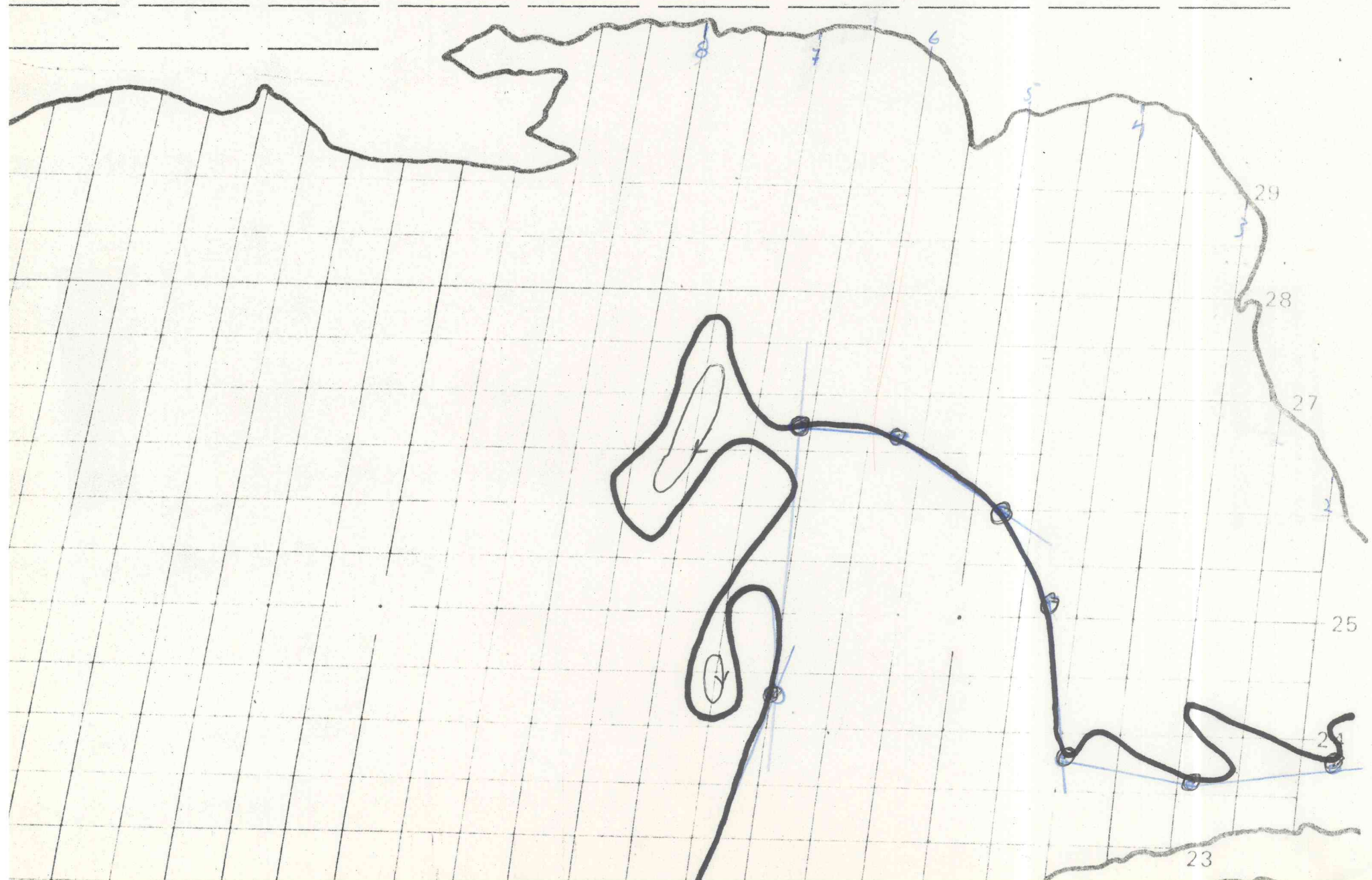


MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 02 JAN 1978

PART A

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

223870 243865 267866 266857 260848 252842 238839 236829 238817//



NNNN↓A
ZCZC WBC413
TBXX40 KMIA 021430

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
02 JAN 1978.

CODED POINTS GIVE LATITUDE/LONGITUDE ALG THE CSTWD EDGE OF
THE WRMR WATER-
223870 243865 267866 266857 260848 252842 238839 236829 238817.

THE MAXIMUM CURRENT OF THE LOOP CURRENT LIES ABOUT 14 KILOMETRES
SOUTH AND EAST OF THIS LINE.

SERIES OF SMALL EDIES ALONG 24N EXTEND W OF EYW TO 84.5W
PROGRESSING
EAST IN MEAN FLOW.

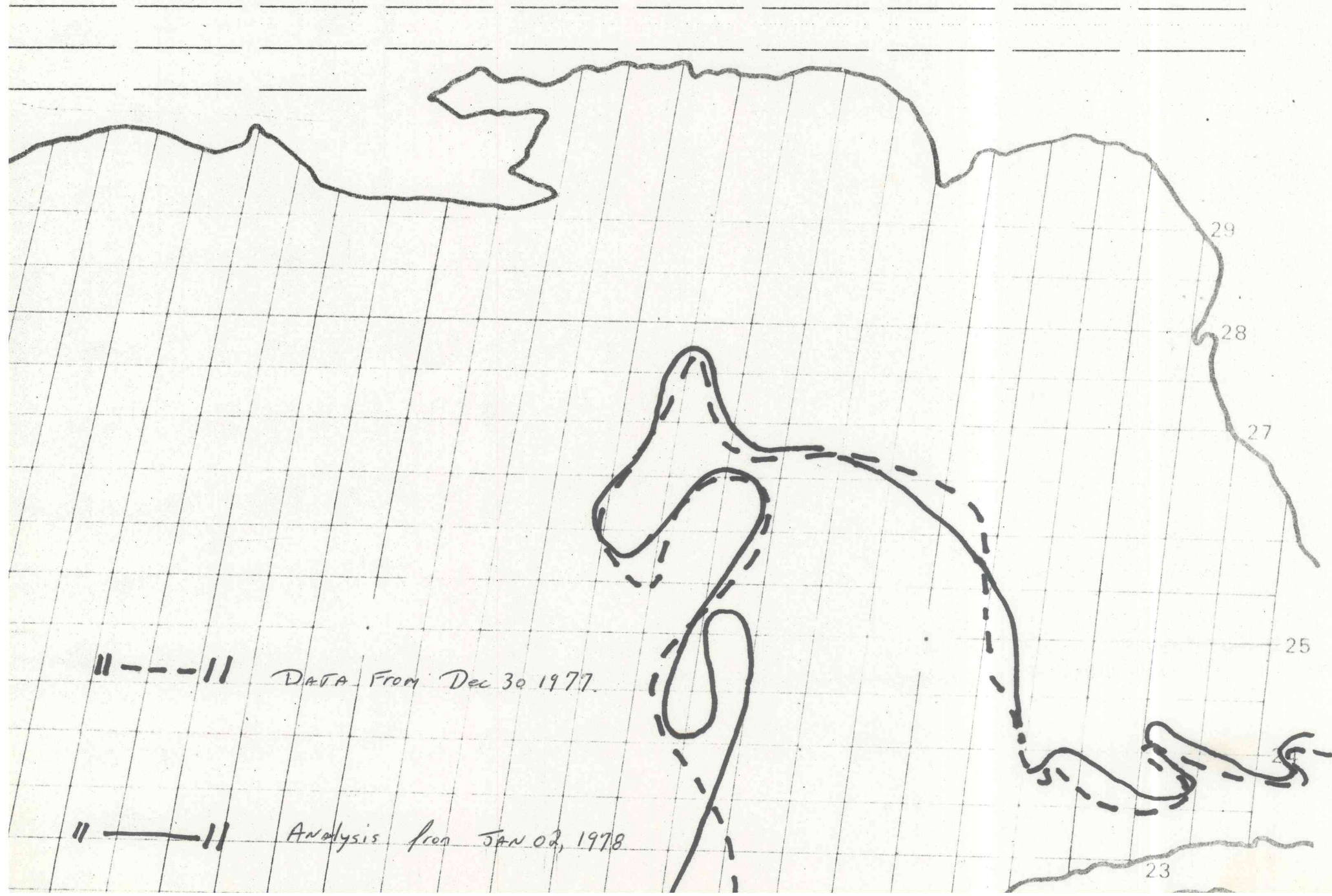
CUT-OFF EDDY FM 25.5N TO 27.5N BTN 87W AND 88W.

DUERNBERGER/BAIG

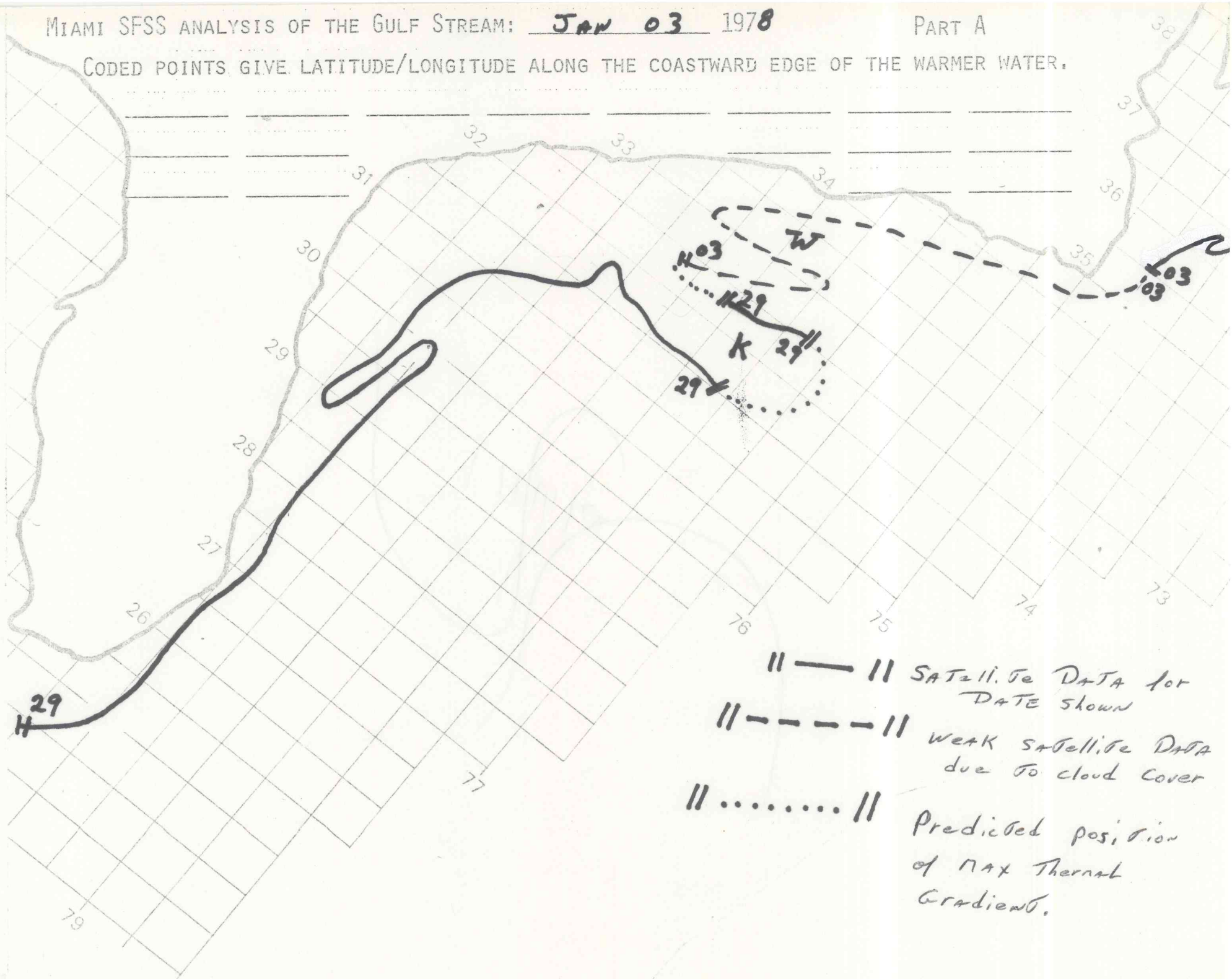
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: JAN 03 1978

PART A

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

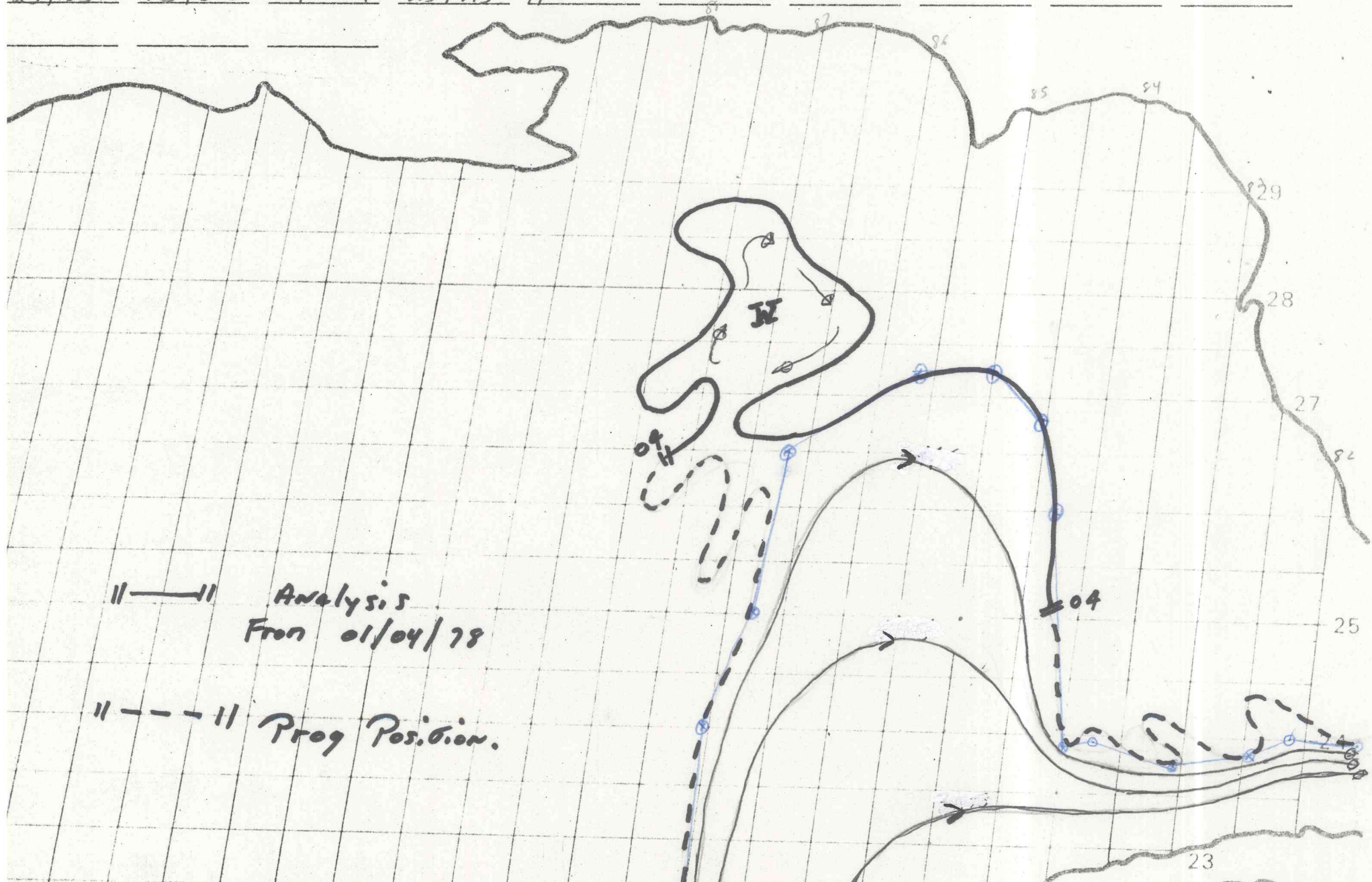


CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.



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

225870 240870 250867 265866 272856 272850 268845 260844 239840 240838
237831 239825 240821 239815 //

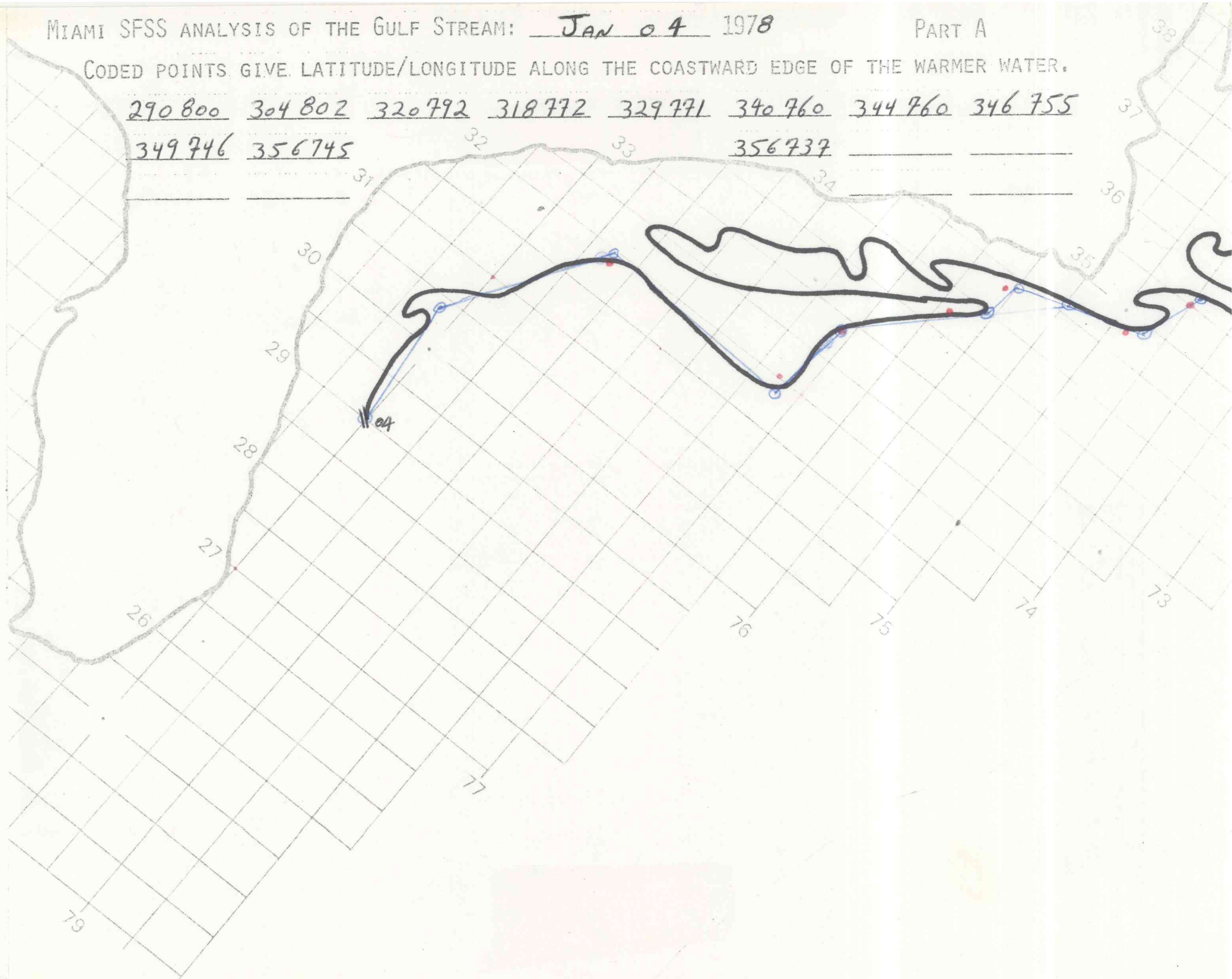


MIAMI SFSS ANALYSIS OF THE GULF STREAM: JAN 04 1978

PART A

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

290800 304802 320792 318772 329771 340760 344760 346755
349746 356745 _____ 356737 _____



NNNN↓V

ZCZC

SXNTI KWBC 042024

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

27.0/80.0 31.0/80.0 31.8/79.2 32.0/77.3

32.9/77.1 33.2/76.4 34.4/75.7 34.7/74.8

35.5/74.5 35.7/73.7

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12-15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA 01/04/78 0800Z

NNNN↓

MIAMI SFSS ANALYSIS OF THE GULF STREAM: JAN 04 1978

PART B

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



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

223868 230868 242871 253863 262864 268855 272855 273849 268845 263843
239841 235836 236826 237816 //



NNNN↓A
ZCZC WBC324
TBXX40 KMIA 061430

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
06JAN 1978.

CODED POINTS GIVE LATITUDE/LONGITUDE ALG THE CSTWD EDGE OF
THE WRMR WATER-

223868 230868 242871 253863 262864 268855 272855 273849 268845
263843 239841 235836 236826 237816.

THE MAXIMUM CURRENT OF THE LOOP CURRENT LIES ABOUT 14 KILOMETRES
SOUTH AND EAST OF THIS LINE.

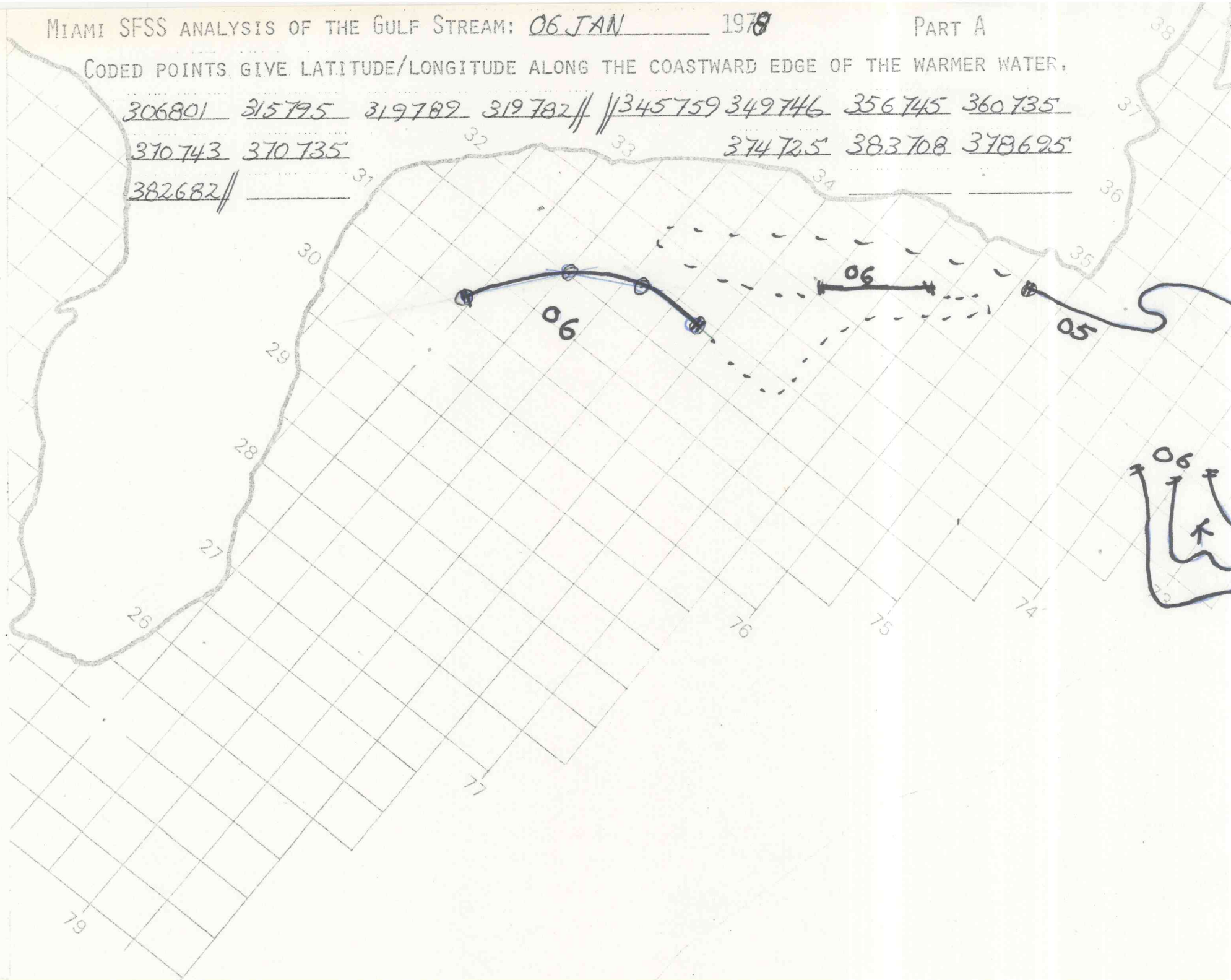
SERIES OF SMALL EDIES ALONG 24N EXTEND W OF EYW TO 84.5W
PROGRESSING
EAST IN MEAN FLOW.

CUT-OFF EDDY FM 27N TO 28.7N BTWN 86.5W TO 87.5W.

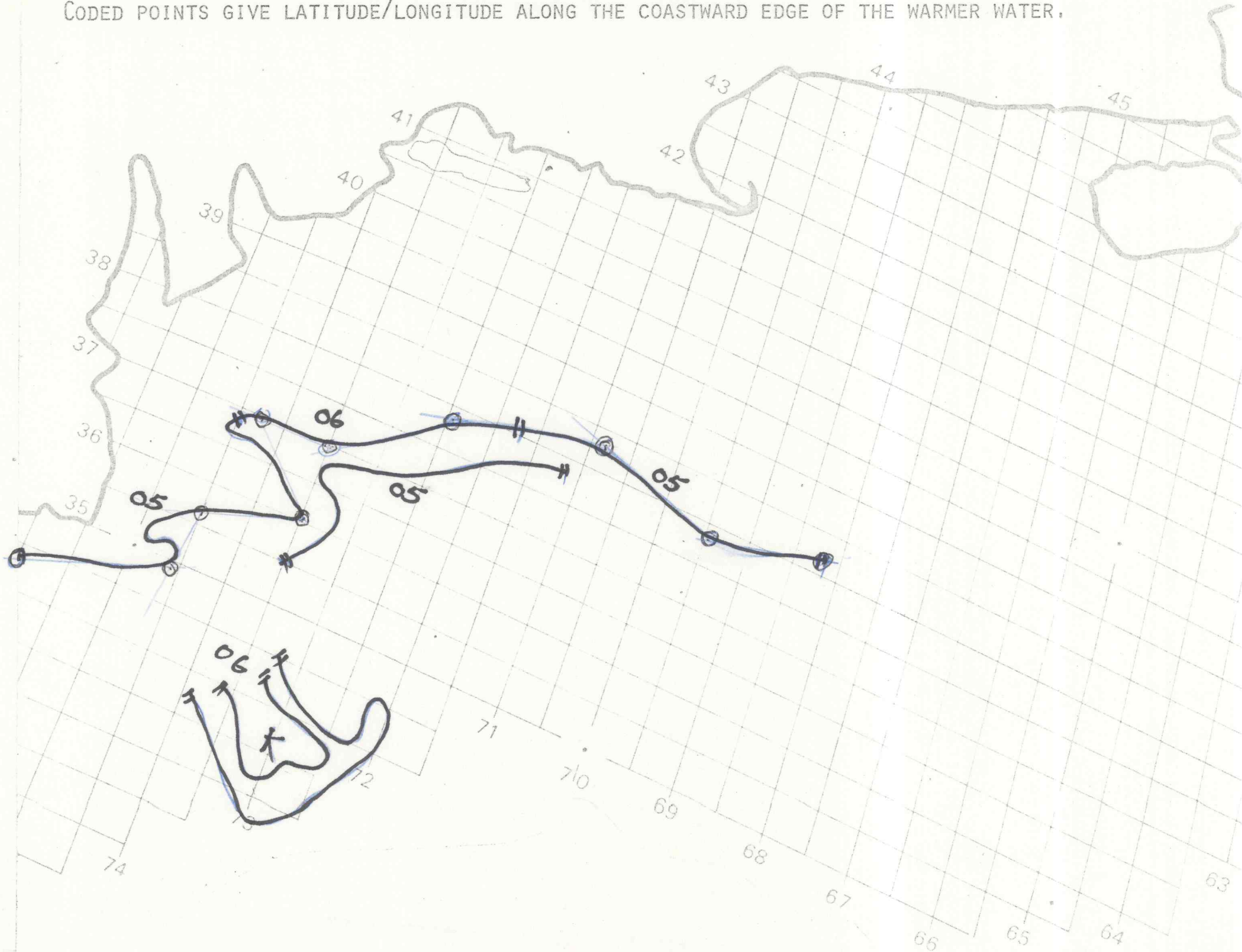
DUERNBERGER/BAIG

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

306801 315795 319789 319782 // // 345759 349746 356745 360735
370743 370735 374725 383708 378695
382682 // _____



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



GULF STREAM DISCUSSION

06 JAN 78.

GOOD DATA PAST 02 DAYS N OF 35°N. COLD CORE EDDY SEEN CNTRD NR 33.5°N73°W.

09 JAN 78.

ONLY BITS AND PIECES PAST 03 DAYS.

11 JAN 78

SAME AS 09 JAN. NOT MUCH.....

13 JAN 78

NO DATA S OF 32.5N.... AXIS OF STREAM SHOWS GOOD RELATION TO MONTHLY MEAN N OF 33N, TO 36N.

16 JAN 78.

GOOD DATA FM FLA STRAITS TO 32°N. BITS AND PIECES FURTHER TO NE.

18 JAN 78

GOOD COMPLETE ANALYSIS WITH CUT-OFF EDDIES NE OF HATTERAS. SHORT WAVE EDDIES IN BIGHT AREA.

20 JAN 78.

NO NEW DATA PAST 02 DAYS.

23 JAN 78.

NEW DATA FROM VHRR.

25 JAN

MOSTLY DATA FROM 24 USED FOR A COMPLETE ANALYSIS. FEW BITS NE OF HATTERAS UPDATED ON 25. CURRENT CLOSE TO SHORE NEAR CAPE FEAR N.C.

30Jan 78.

Good data from Fla Straits to 35N.

03 FEB 78

NO NEW DATA FOR PAST 2 DAYS.... CLD COVER.....

06 FEB 78.

GOOD DATA FM FLA STRAITS TO 33.5°N.

08 FEB 78

GOOD DATA ON 07 FEB FM CAROLINA CST SWD TO KEYS. LTL DATA N OF 33N.

13 FEB 78.

LOTS OF GOOD DATA FM FLA STRAITS TO 73°W. BOTH SIDES OF STREAM.

15 Feb 78.

Good data past 02 days fm fla straits to 75°W. Both sides of stream.

17 FEB 78

NO DATA FOR THIS DATE, COMPOSITE ANALYSIS FRM FEB 15-17.

20 Feb 78.

Only a small piece of data past 03 days. Ptn E of 75.5 W. is new but does not seem to agree well with previous analyses of this region.

22 FEB 78.

XTSV DATA TDA XCP BTN 32 AND 24°N. NOTHING S OF 27.5°N.

24 FEB 78.

BITS AND PIECES OF DATA PAST 02 DAYS.

26 FEB 78

NO DATA

28 FEB 78

GOOD COMPLETE ANALYSIS.. FTL USN REPORTS 4.4 KTS AT 26.1N 79.8W.

01 MAR 78

BITS AND PIECES OFF CAROLINAS, ELSEWHERE GOOD DATA....

02 mch - 26.03 N 79.5 W current 000T @ 4.1 KTS.

03 MAR.

LTL DATA N OF 28N,

06 MAR

COMPLETE ANALYSIS FOR DATE..... GOOD LOOP.

08 MAR 78

ANALYSIS FOR SE FLA CST... USED 07 DATA FOR PORTION N OF 28N AGAIN ANALYZED BOTH WEST AND EAST GULF STREAM WALL FOR TROPAN CHART..

10 MAR

LTL DATA N OF 31N..... LTL CHANGE ALONG FLA E CST. EDDY E OF JAX GROWING/

13 MAR

GOOD ANALYSIS WITH DATA FRM 12 MAR FOR AREA JAX TO SAV..... BOTH SIDES OF STREAM SEEN SE OF HAT.....

15 MAR

LTL DATA FM SAV TO HAT.....GOOD ANALYSIS S OF 30N FROM BOTH NOAA 5 AND JD CURVE ANALYSIS.....

20 MAR

DATA S OF 30N... GOOD ANALYSIS ALONG CAROLINAS AND E OF HAT TO 38N 70W.

24 MAR

FAIR LOOP WITH EXCELLENT NOAA-5. WEAK SPOT IN DATA BETWEEN 31 AND 35N.

27 MAR

LITTLE CHANGE FROM 24 MAR DUE TO POOR VISIBILITY.

31 MAR 78.

GOOD DATA PAST 02 DAYS.

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

223868 228868 243872 255862 263862 267856 275855 275850 274846 269843
259840 243842 237834 236826 237820 238816 242814



NNNNZCZC
TBXX40 KMIA 091600
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
09 JANUARY 1978.

CODED POINTS GIVE LATITUDE/LONGITUDE ALG THE SCTWD EDGE OF
THE WRMR WATER

223868 228868 243872 255862 263862 267856 275855 275850 274846
269843 259840 243842 237834 236826 237820 238816 242814

THE MAXIMUM CURRENT OF THE LOOP CURRENT LIES ABOUT 14 KILOMETRES
SIUTH AND EAST OF THIS LINE.

CUT-OFF EDDY FM 27N TO 28.UN BTN 86.5W AND 87.5W

BAIG

JAN 9 16 04 '78

NNNNV

ZCZC

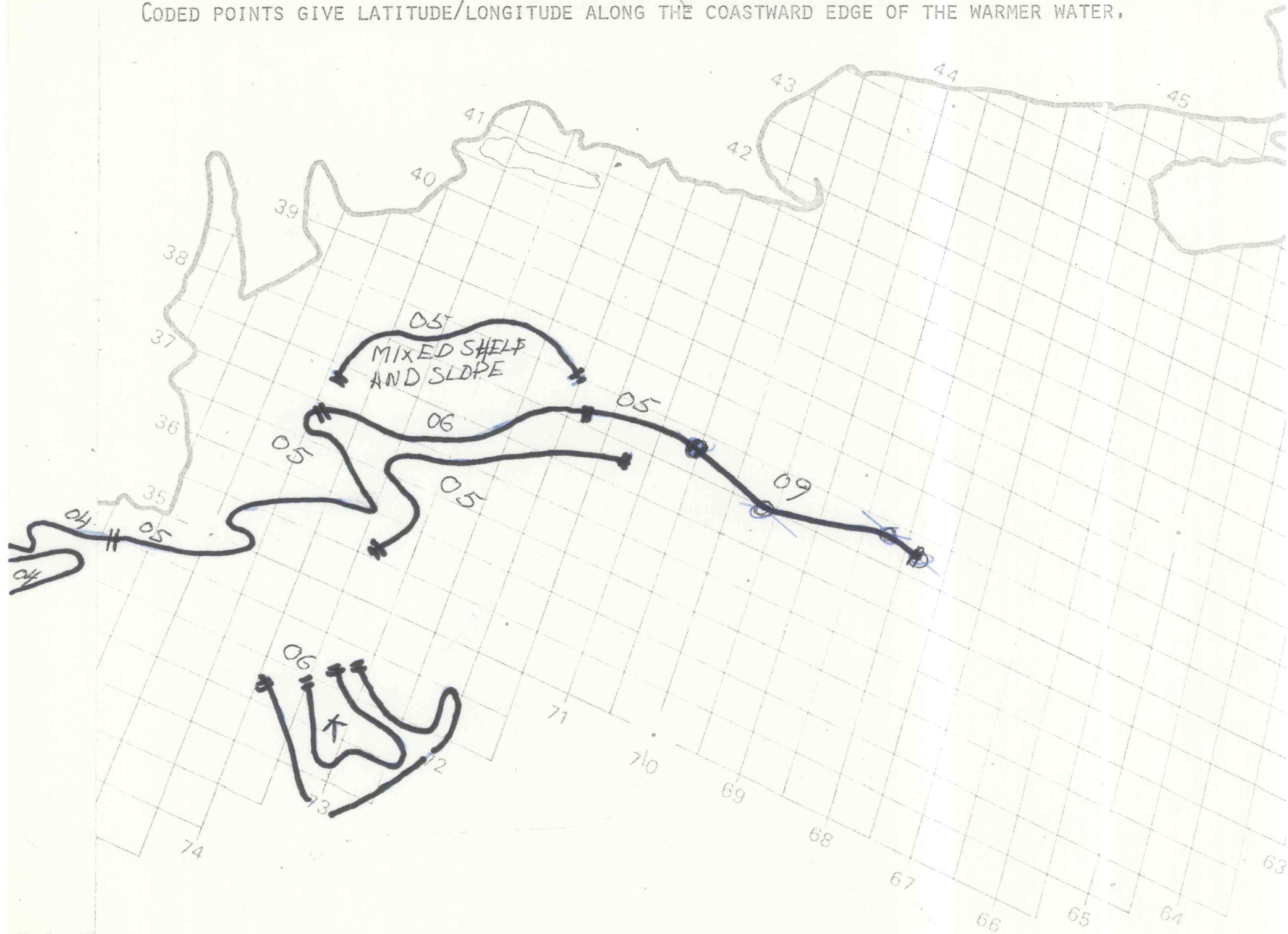
SXNTI KWBC 092025

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

26.7/79.9	27.8/79.7	28.9/80.0	31.9/79.0
31.9/77.3	33.0/77.0	34.5/75.6	34.9/74.6
35.6/74.5	36.0/73.5	37.0/74.3	37.0/73.5
	38.0/72.1	38.3/70.5	38.0/69.6
38.4/68.2	38.5/65.0		

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12
AND 15 MILES SEAWARD OF THIS LINE. LATEST SATELLITE
DATE JANUARY 9 1978 1730Z

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

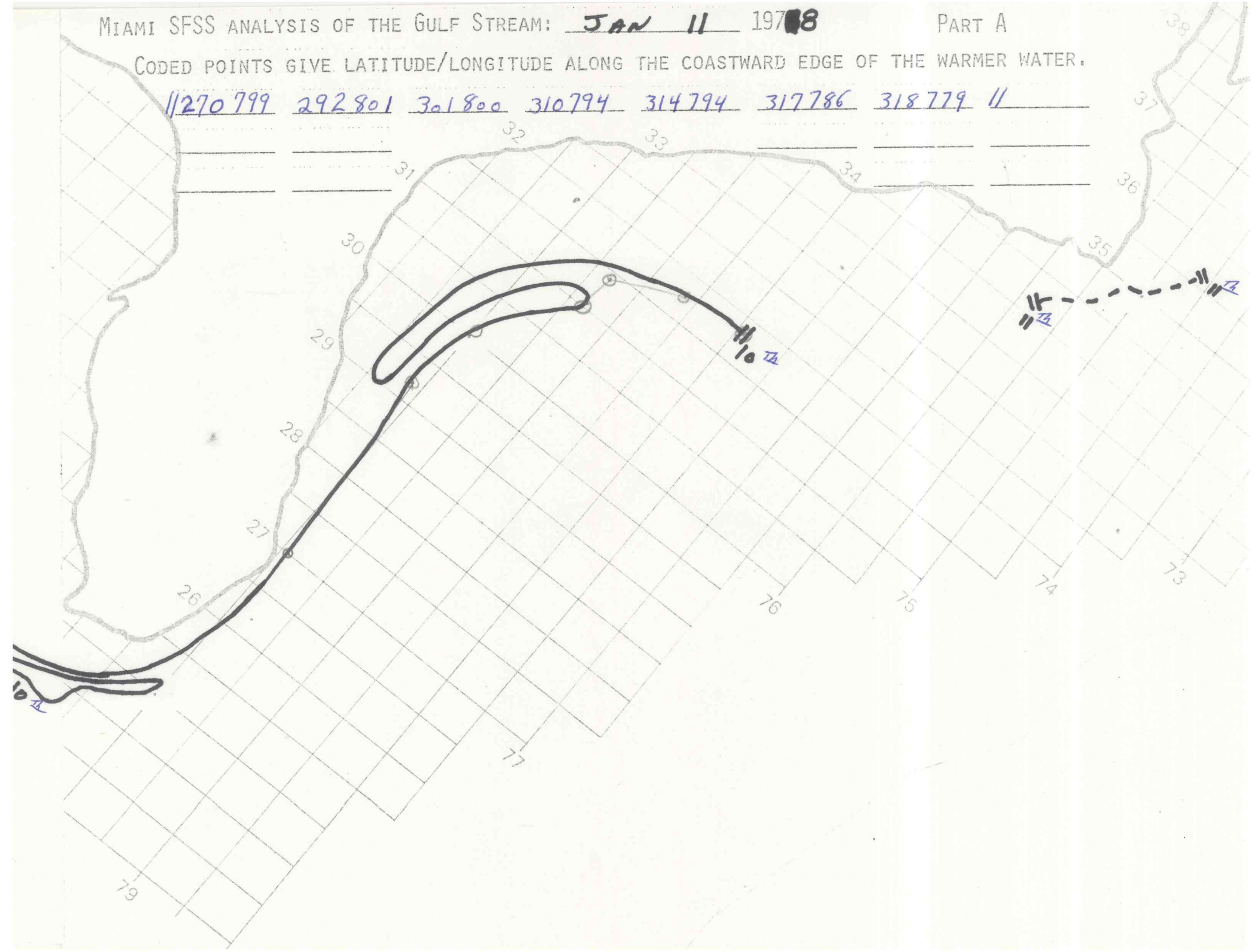


MIAMI SFSS ANALYSIS OF THE GULF STREAM: JAN 11 1978

PART A

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

||270799 292801 301800 310794 314794 317786 318779 ||



NNNNJA

Z

C

Z

C WBC733
TBXX40 KMIA 111415

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
11 JAN 1978.

CODED POINTS GIVE LATITUDE/LONGITUDE ALG THE CSTWD EDGE OF
THE WRMR WATER-

223868 228868 243872 255862 263862 267856 275855 275850 274846
269843 259840 243842 237834 236826 237820 238816 242814.

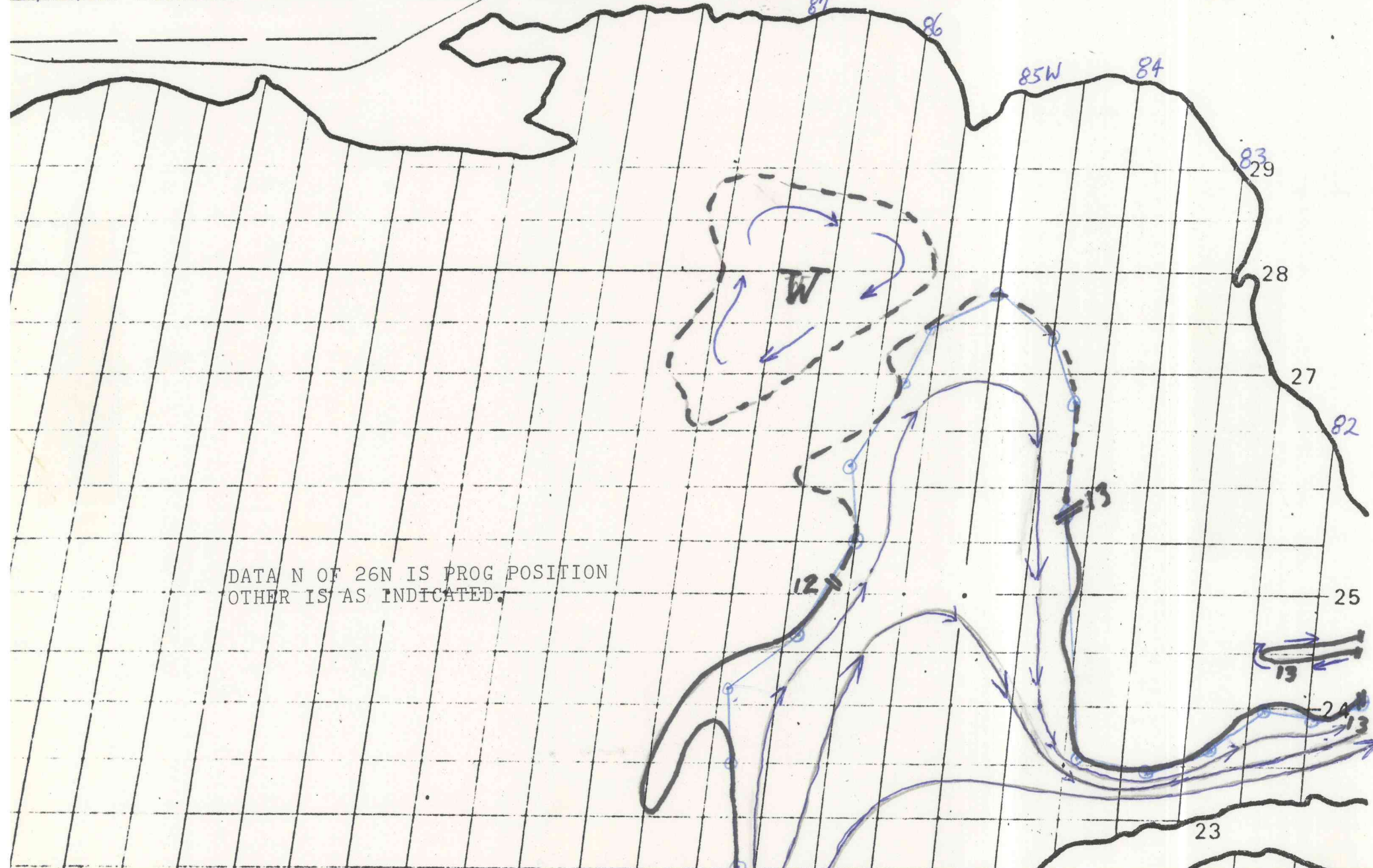
THE MAXIMUM CURRENT OF THE LOOP CURRENT LIES ABOUT 14 KILOMETRES
SOUTH AND EAST OF THIS LINE.

CUT-OFF EDDY FM 27N TO 28.7N BTWN 86.5W TO 87.5W.

DUERNBERGER/BAIG

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

225 866 235 868 241 869 246 864 255 860 262 861 269 858 275 855 277 85.0 274 845
267 842 257 842 235 839 234 833 236 828 240 824 239 820 241 815 //



DATA N OF 26N IS PROG POSITION
 OTHER IS AS INDICATED.

NNNN↓A
ZCZC WBC296
TBXX40 KMIA 131500

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
13 JAN 1978.

CODED POINTS GIVE LATITUDE/LONGITUDE ALG THE CSTWD EDGE OF
THE WRRR WATER-

225866 235868 241869 246864 255860 262861 269858 275855 277850
274845 267842 257842 235839 234833 236828 240824 239820 241815.

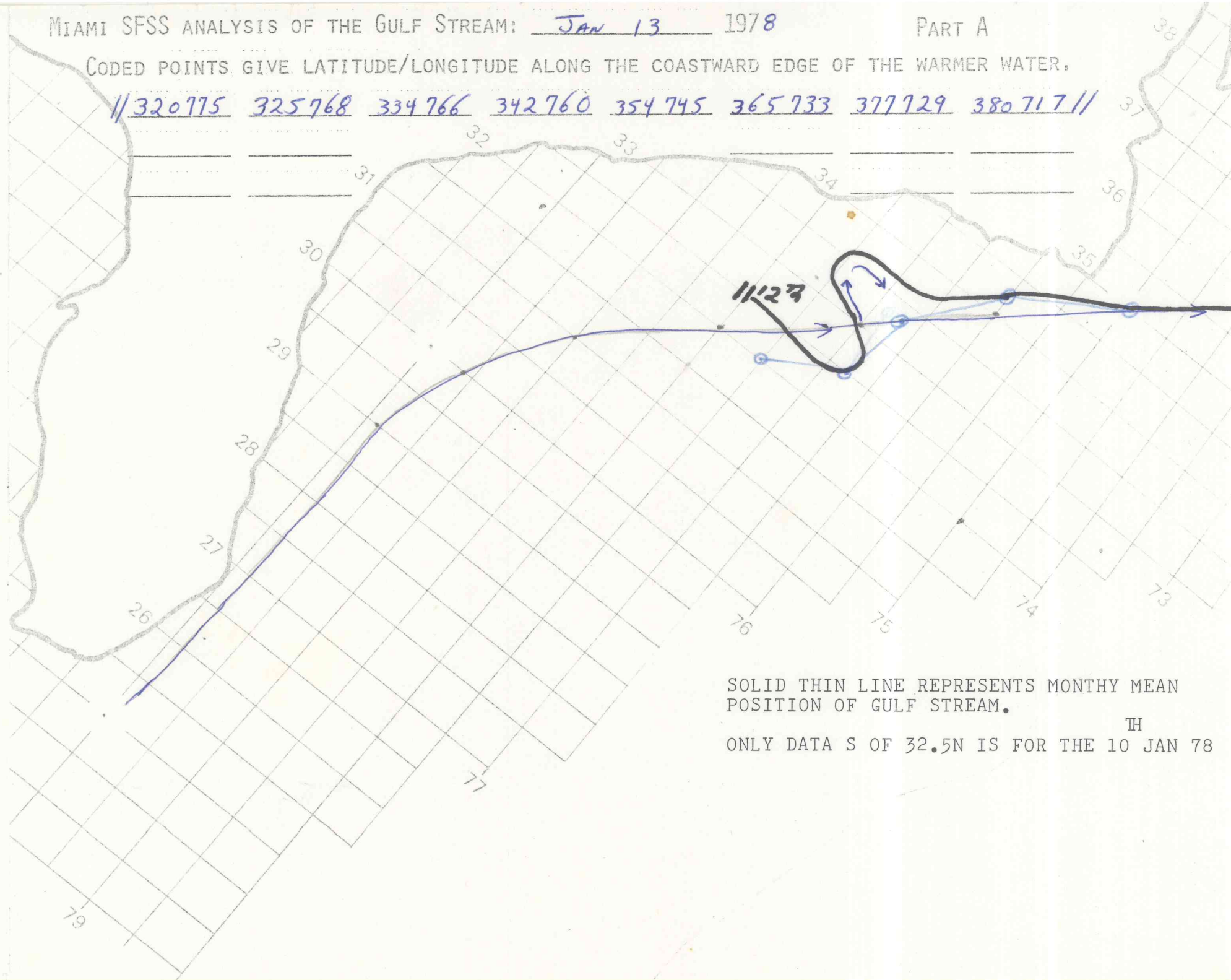
THE MAXIMUM CURRENT OF THE LOOP CURRENT LIES ABOUT 14 KILOMETRES
SOUTH AND EAST OF THIS LINE.

CUT-OFF EDDY FM 27N TO 28.9N BTWN 86.0W TO 87.5W.

DUERNBERGER/BAIG

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

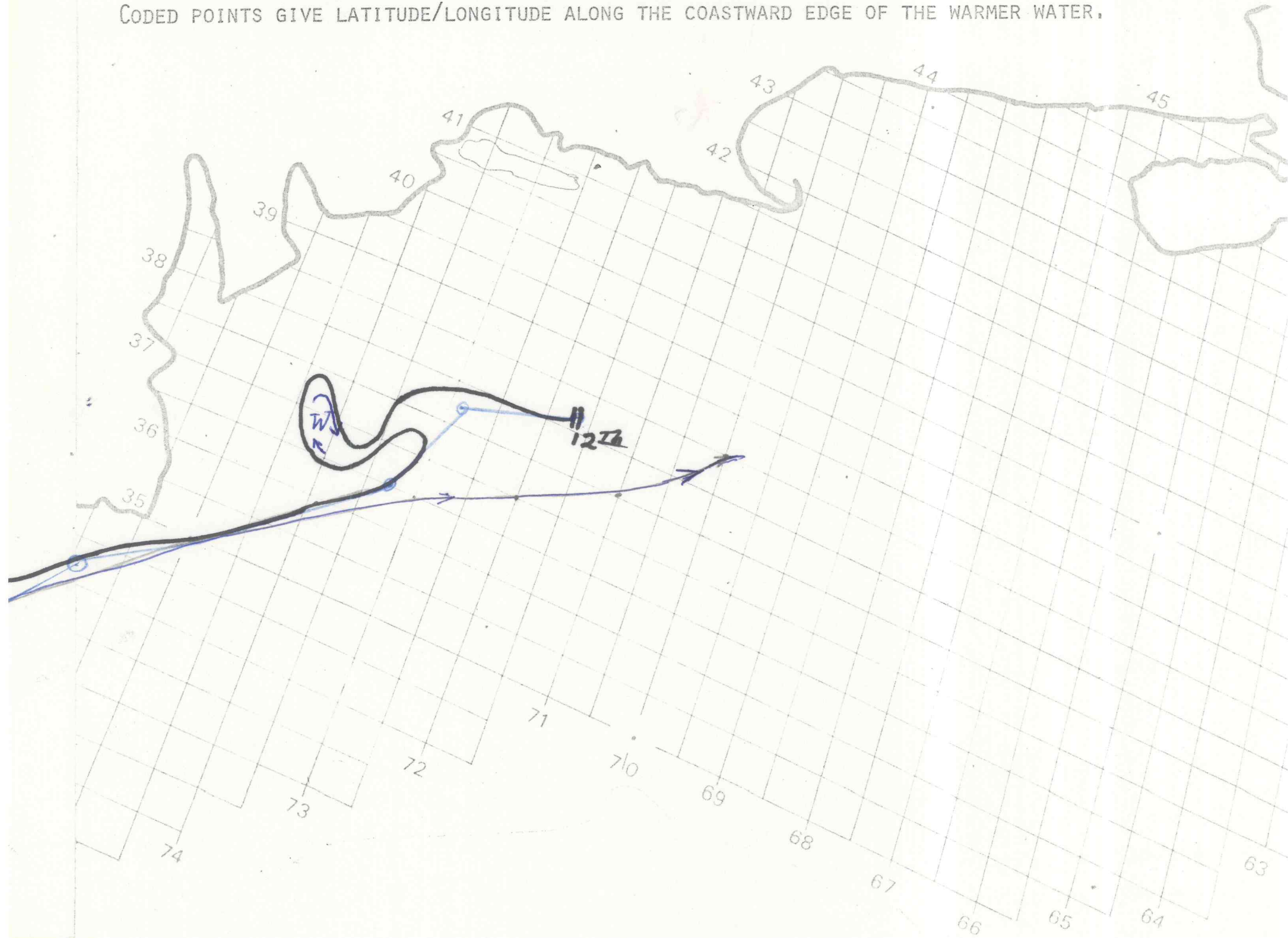
// 320775 325768 334766 342760 354745 365733 377729 380717 //



SOLID THIN LINE REPRESENTS MONTHLY MEAN POSITION OF GULF STREAM.

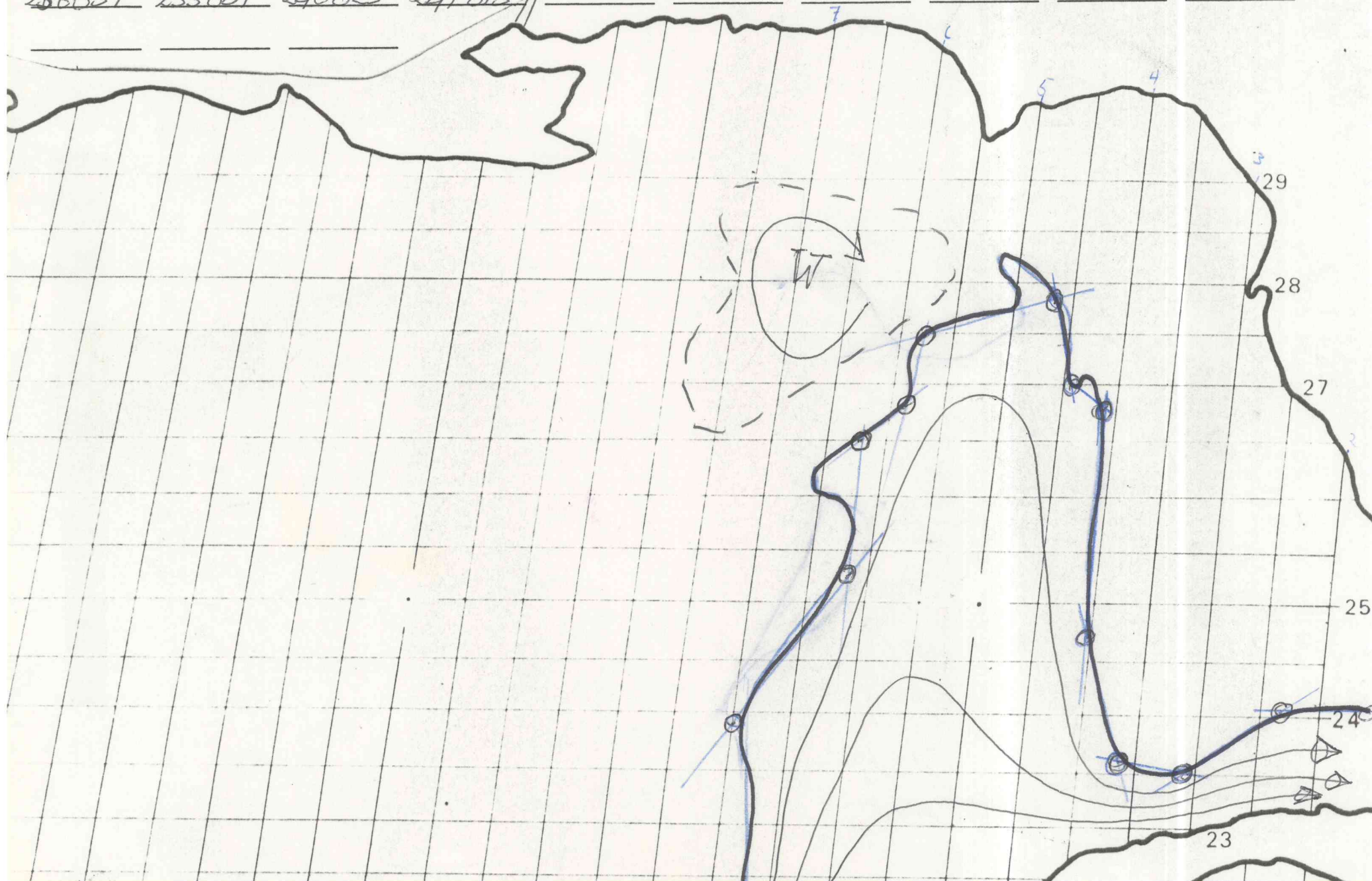
TH
ONLY DATA S OF 32.5N IS FOR THE 10 JAN 78

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



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

226867 239870 253862 265862 268859 275858 278847 270844 268841 247840
236837 235831 240823 241815



NNNN↓↓A
ZCZC WBC131
TBXX40 KMIA 161500

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
16 JAN 1978.

CODED POINTS GIVE LATITUDE/LONGITUDE ALG THE CSTWD EDGE OF
THE WRMR WATER-

226867 239870 253862 265862 268859 275858 278847 270844 268841
247840 236837 235831 240823 241815.

THE MAXIMUM CURRENT OF THE LOOP CURRENT LIES ABOUT 14 KILOMETRES
SOUTH AND EAST OF THIS LINE.

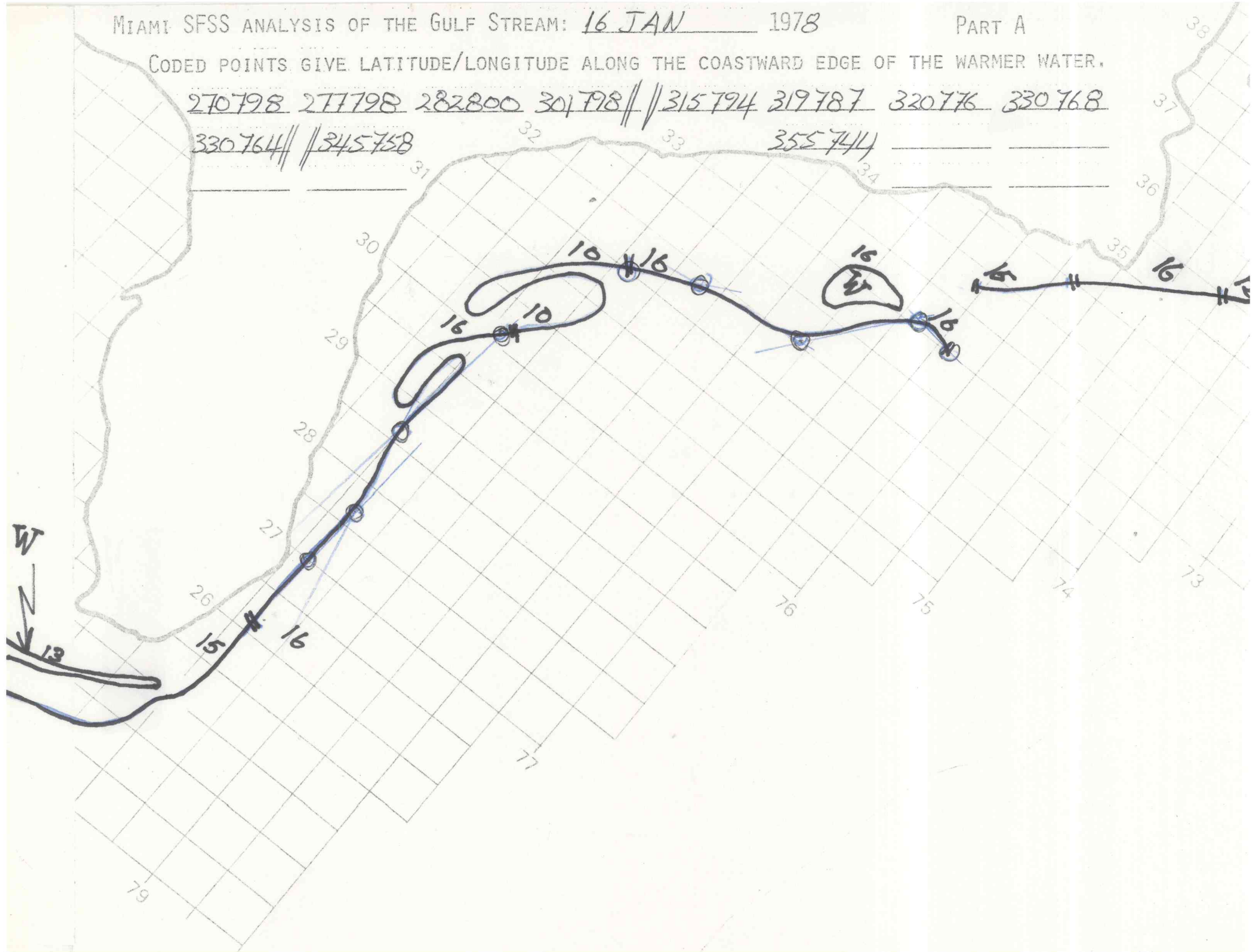
CUT-OFF EDDY FM 27N TO 28.9N BTWN 86.0W TO 87.5W.

BAIG/DUERNBERGER

NNNN

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

270798 277798 282800 301798 // 315794 319787 320776 330768
 330764 // 345758



NNNN↓

V

ZCZC

SXNII KWBC 162105

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

27.0/79.8 27.7/79.8 28.2/80.0 30.1/79.8
31.0/79.4 31.5/79.4 31.9/78.7 32.0/77.6
33.0/76.8 33.3/75.9 34.4/76.0
36.5/73.2 37.6/72.7 37.8/71.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12-15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA. 01/16/77 AT 1731Z

NNNN↓V

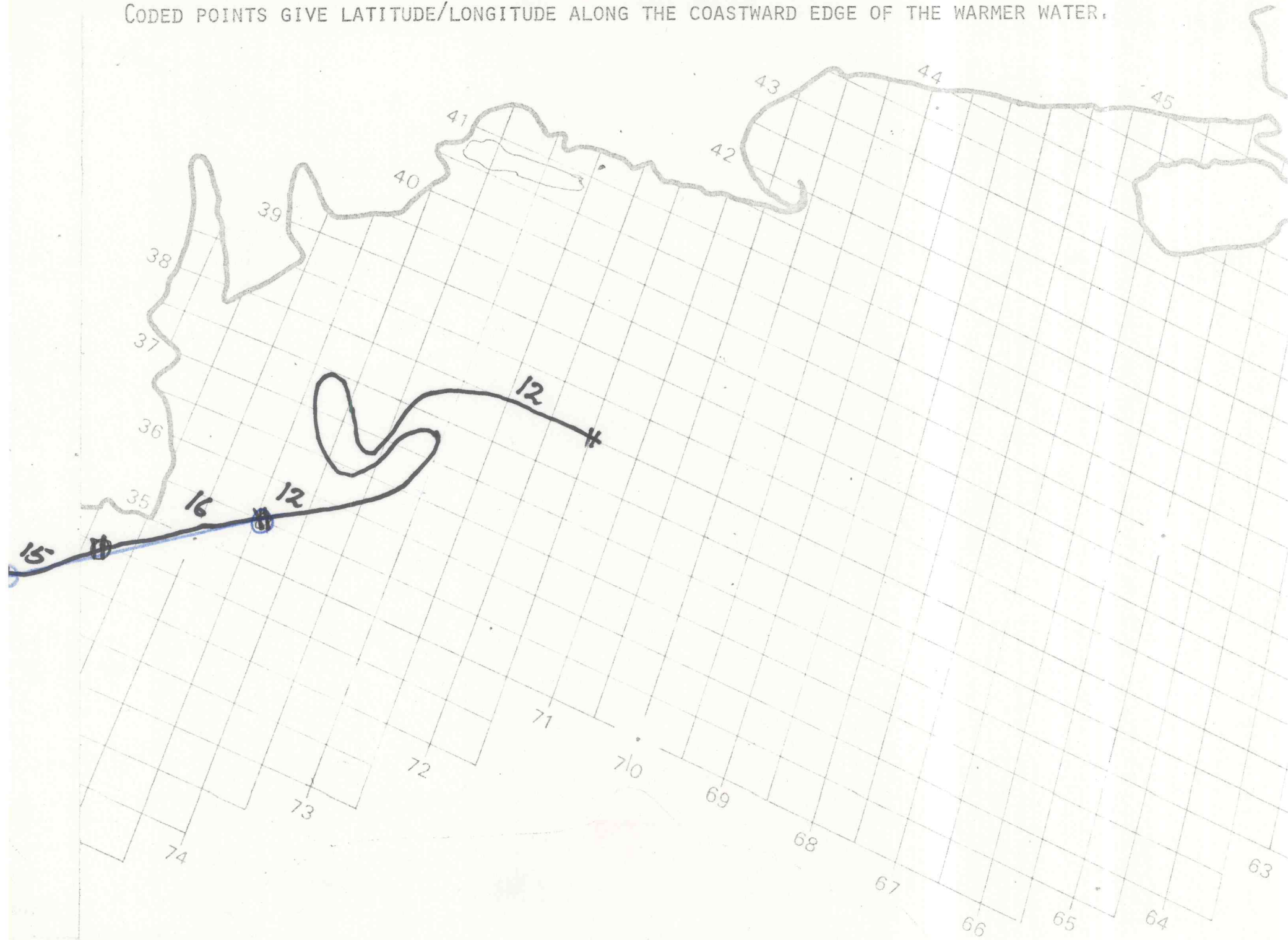
ZCZC

SIVDI5 KNMA 162100

BBXX

16210 00602 71468 00803 20022 50010 62004 0038/ 460450

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

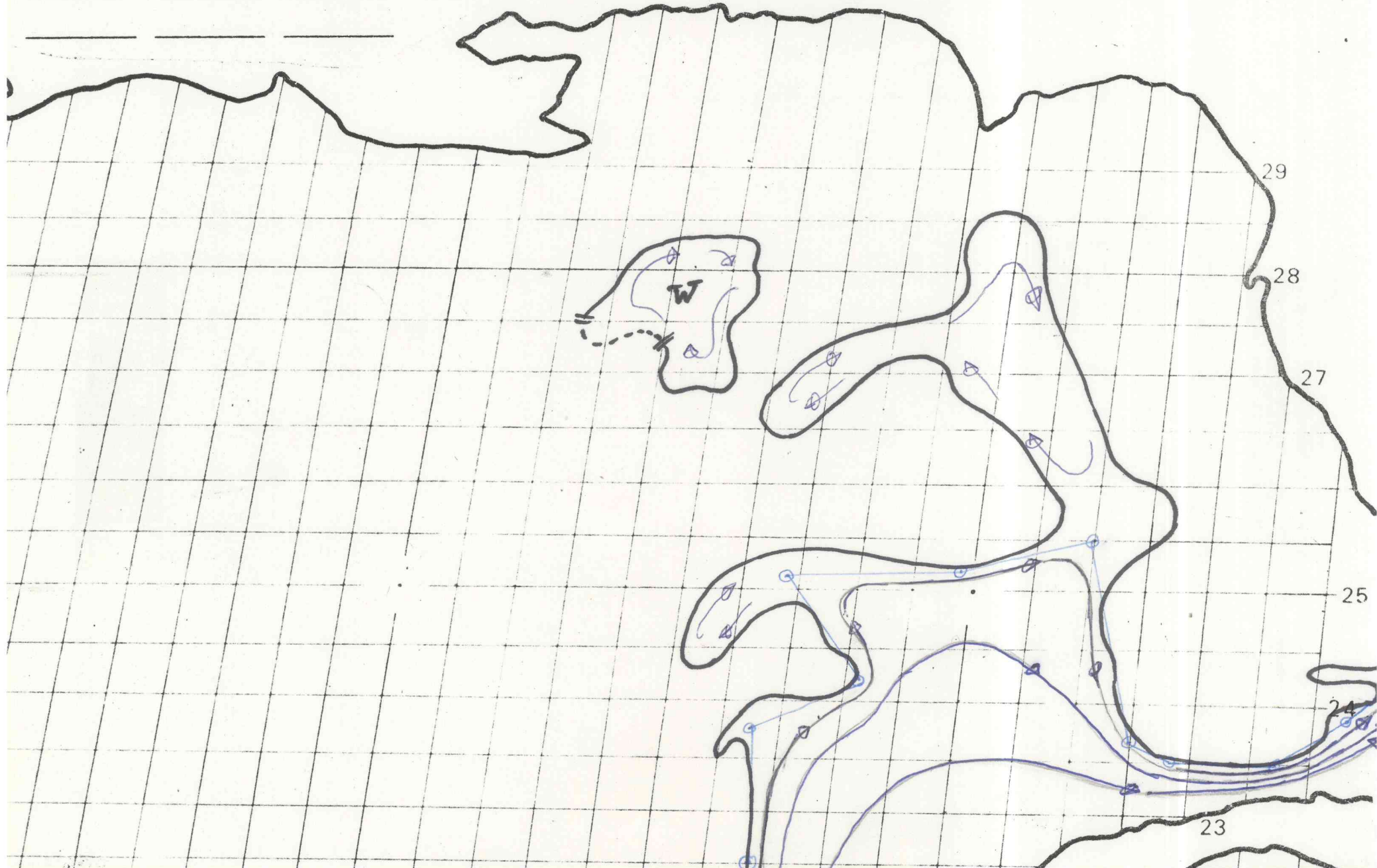


MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: JAN 18 1978

PART A

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

225 866 238 868 242 859 251 866 252 851 255 840 236 835 235 831 235 823 239 817
241 815 //



NNNNJA
ZCZC WBC715
TBXX40 KMIA 181500

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
18 JAN 1978.

CODED POINTS GIVE LATITUDE/LONGITUDE ALG THE CSTWD EDGE OF
THE WRMR WATER-
225866 238868 242859 251866 252851 255840 236835 235831 235823
239817 241815.

THE MAXIMUM CURRENT OF THE LOOP CURRENT LIES ABOUT 14 KILOMETRES
SOUTH AND EAST OF THIS LINE.

WEAK CUT-OFF EDDY FM 27N TO 28.5N BTWN 87.0W TO 88.5W.

BAIG/DUERNBERGER

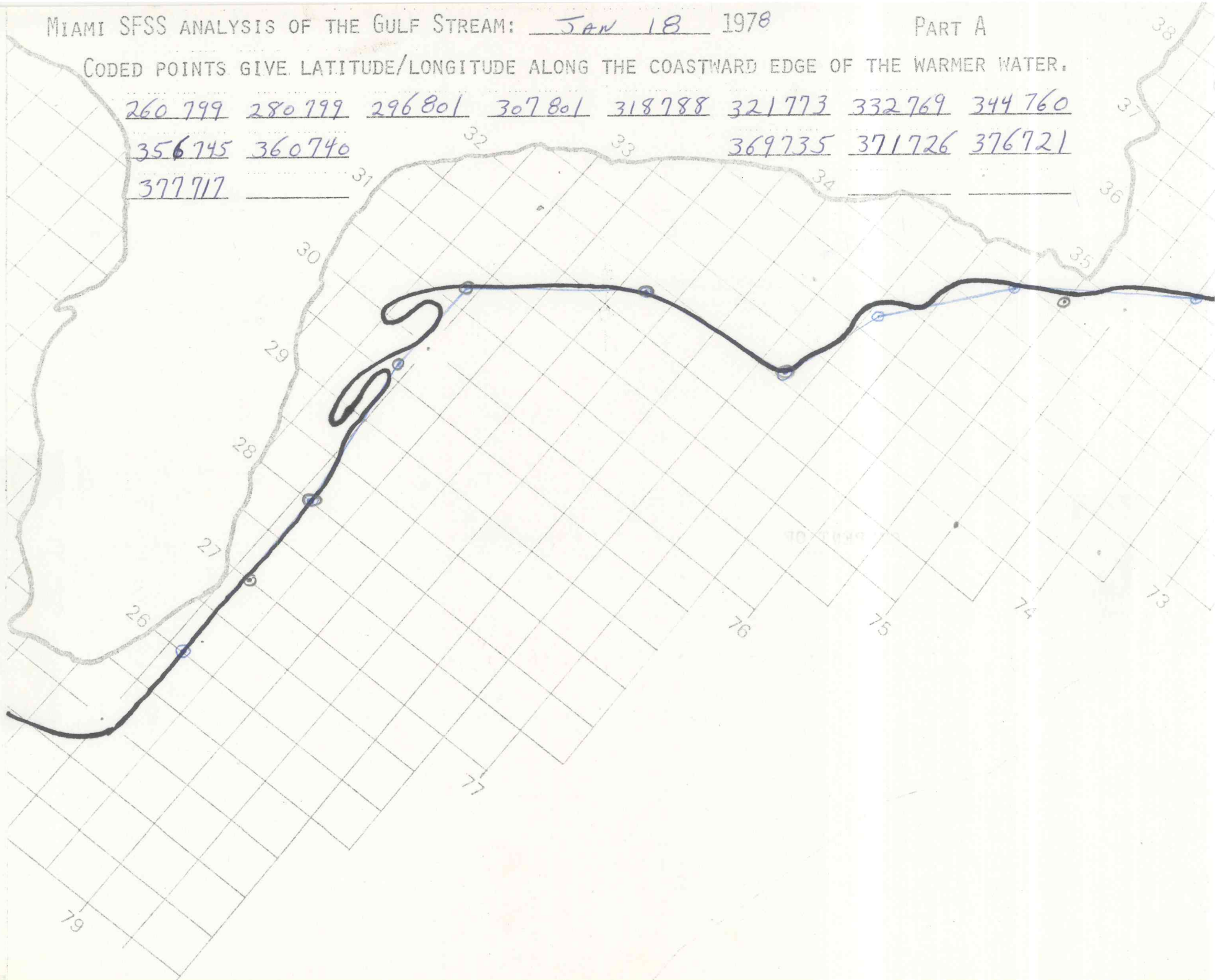
JAN 18 8 20 AM '78

MIAMI SFSS ANALYSIS OF THE GULF STREAM: JAN 18 1978

PART A

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

<u>260799</u>	<u>280799</u>	<u>296801</u>	<u>307801</u>	<u>318788</u>	<u>321773</u>	<u>332769</u>	<u>344760</u>
<u>356745</u>	<u>360740</u>				<u>369735</u>	<u>371726</u>	<u>376721</u>
<u>377717</u>							



ZCZC

SXN11 KWBC 182237
GULF STREAM LOCATION

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

27.0/79.8 28.0/79.9 29.6/80.1 30.7/80.1

31.8/78.8 32.1/77.3 34.6/75.5

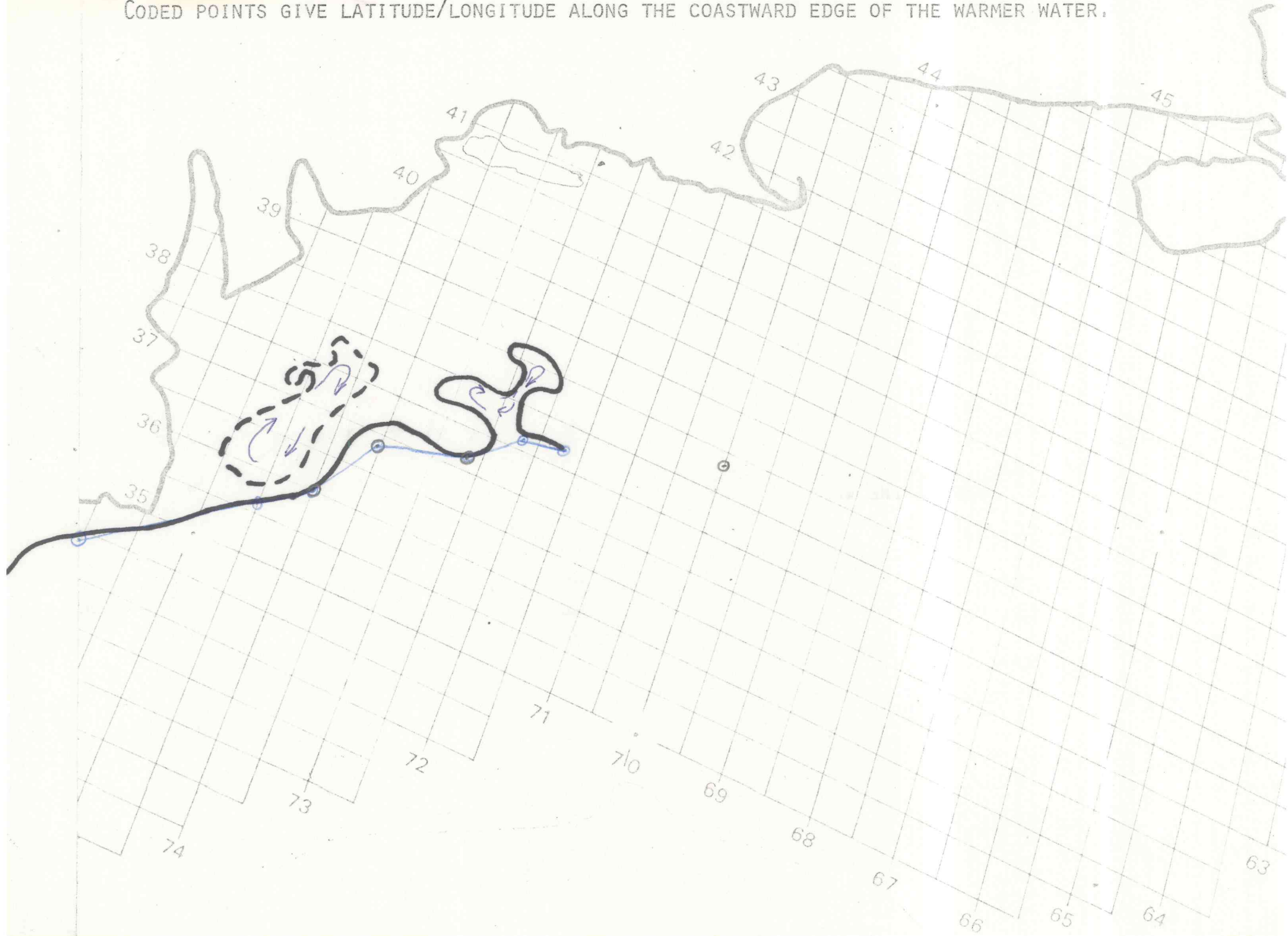
36.0/74.0 36.9/73.5 37.7/71.7 38.3/70.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN
12 AND 15 MILES SEAWARD OF THIS LINE. LATEST SATELLITE
DATE 01/18/1400

MIAMI SFSS ANALYSIS OF THE GULF STREAM: JAN 18 1978

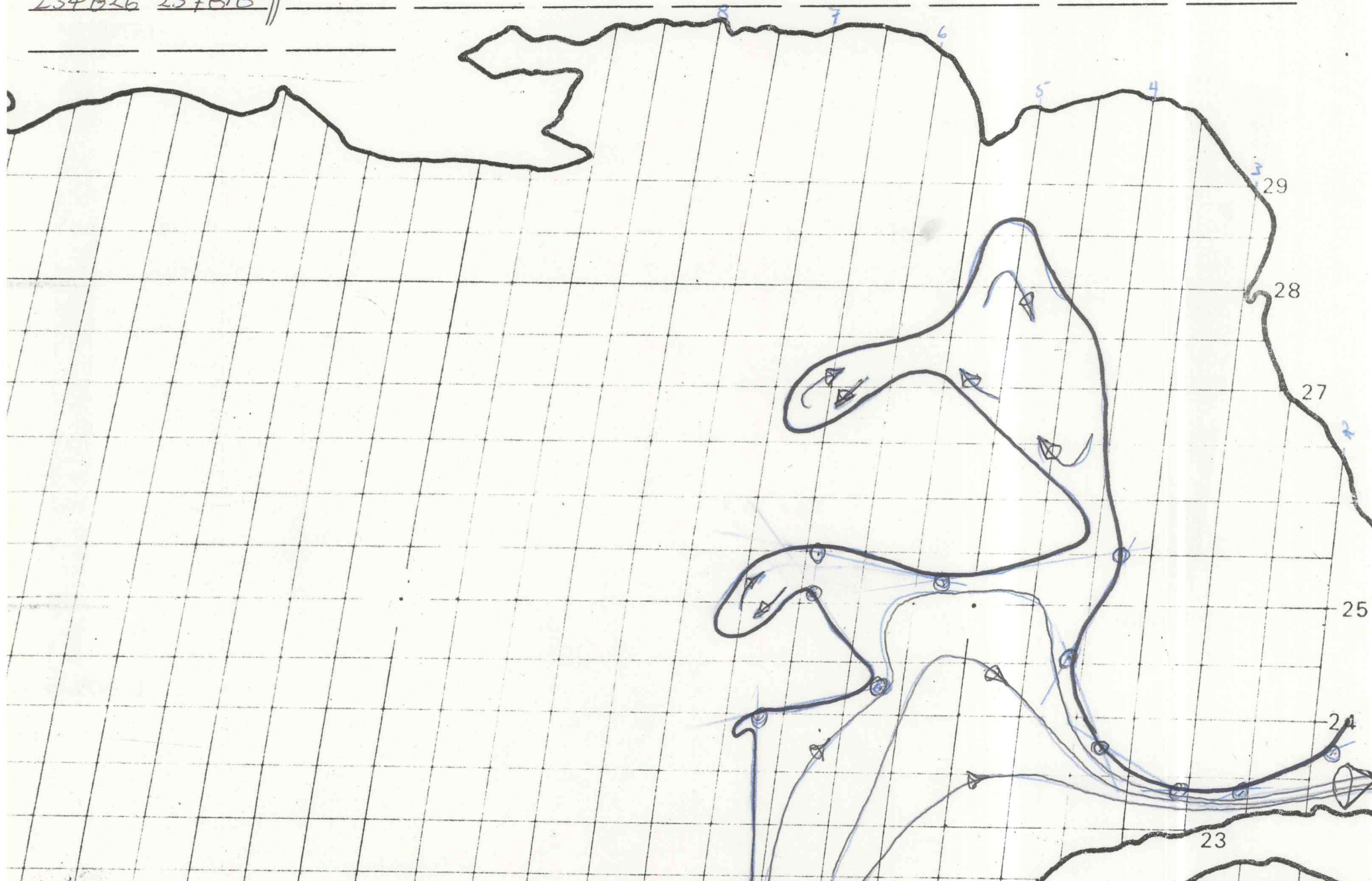
PART B

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



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

226866 240867 243857 251864 255864 253853 255837 246846 238833 234831
234826 237818 || _____



NNNN↓A
ZCZC WBC281
TBXX40 KMIA 201500

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
20 JAN 1978.

CODED POINTS GIVE LATITUDE/LONGITUDE ALG THE CSTWD EDGE OF
THE WRMR WATER-
226866 240857 243857 251864 255864 253853 255837 246846 238833
234831 234826 237818.

THE MAXIMUM CURRENT OF THE LOOP CURRENT LIES ABOUT 14 KILOMETRES
SOUTH AND EAST OF THIS LINE.

WEAK CUT-OFF EDDY FM 27N TO 28.5N BTWN 87.0W TO 88.5W.

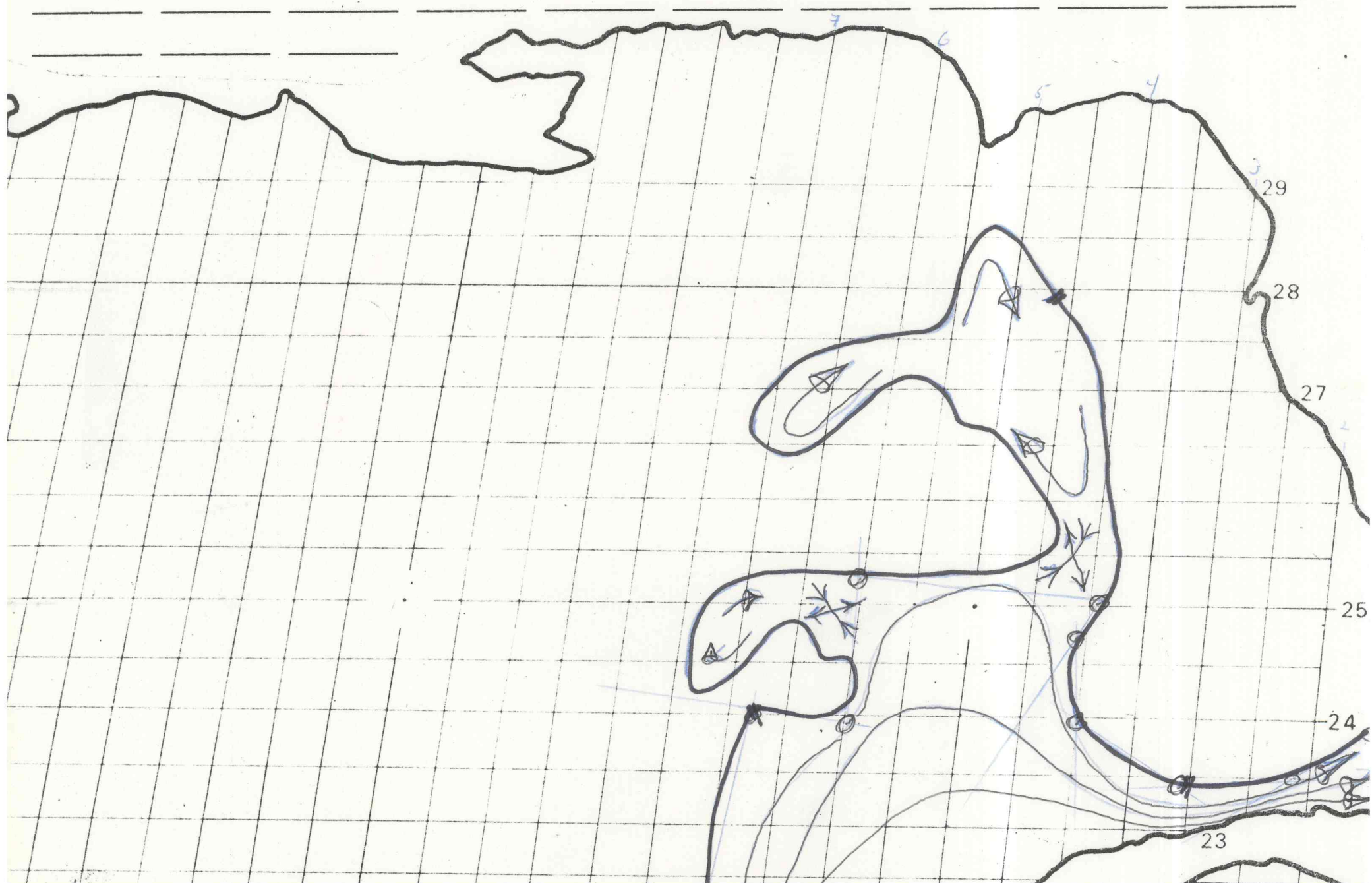
BAIG/DUERNBERGER

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 23 JAN 1978

PART A

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

220870 240867 240860 253860 251839 247841 240840 235831 235821 240813//



NNNNJA
ZCZC WBC591
TBXX40 KMIA 231500

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
23 JAN 1978.

CODED POINTS GIVE LATITUDE/LONGITUDE ALG THE CSTWD EDGE OF
THE WRMR WATER-
220870 240867 240860 253860 251839 247841 240840 235831 235821
240813.

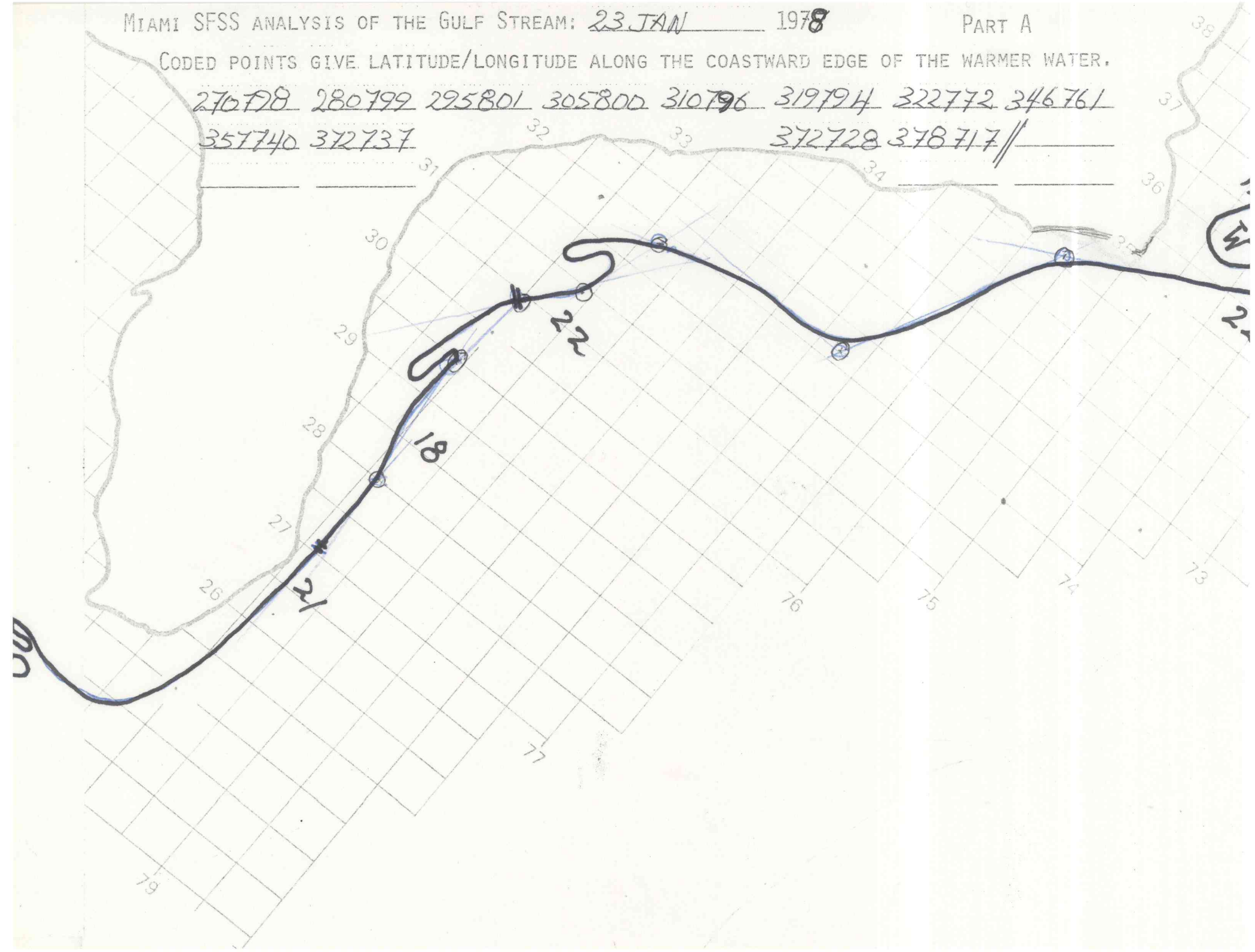
THE MAXIMUM CURRENT OF THE LOOP CURRENT LIES ABOUT 14 KILOMETRES
SOUTH AND EAST OF THIS LINE.

BAIG/DUERNBERGER

JAN 23 9 13 AM '78

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

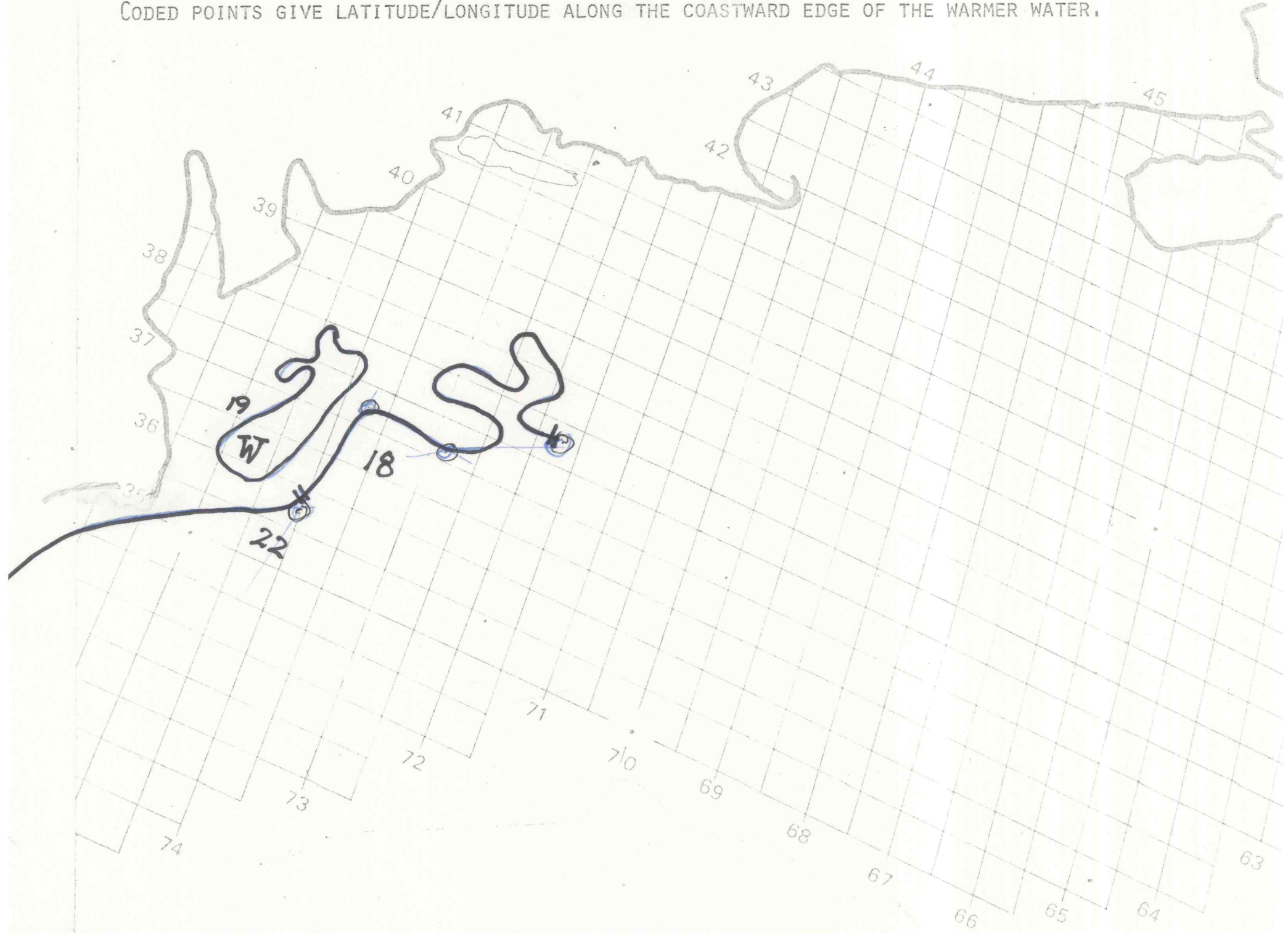
270798 280799 295801 305800 310796 319794 322772 346761
357740 372737 372728 378717 //



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 23 JAN 1978

PART B

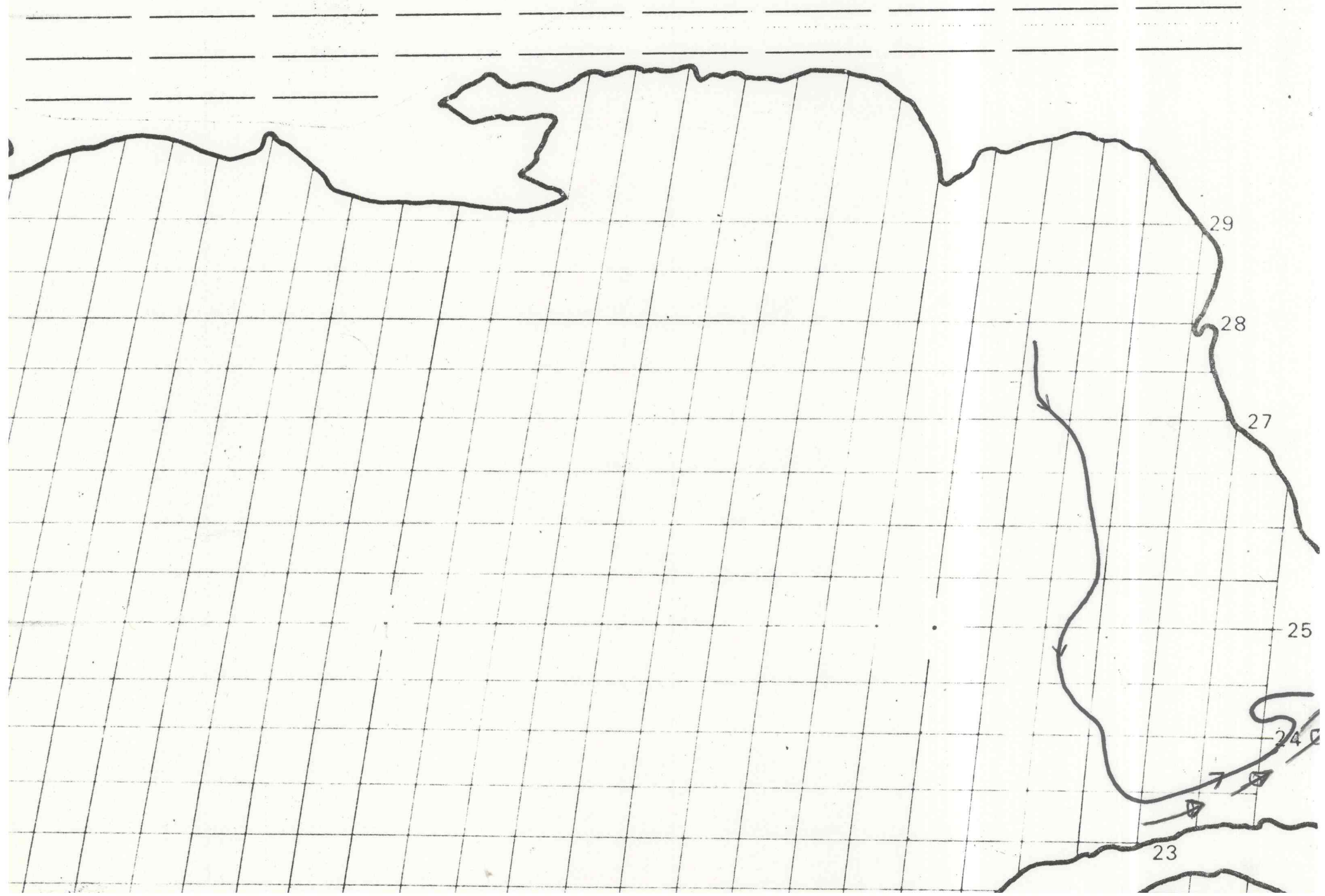
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.



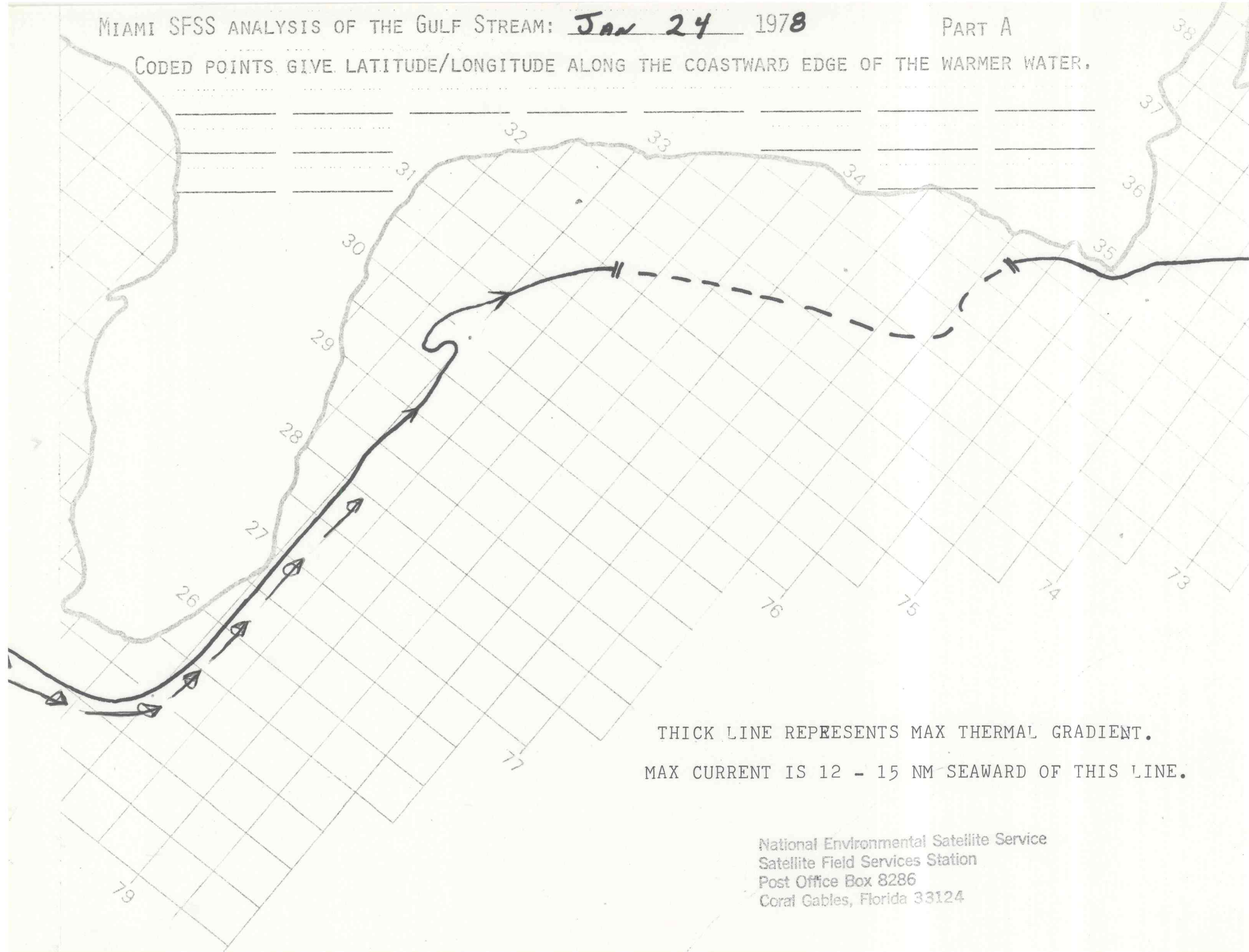
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: JAN 24 1978

PART A

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



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



THICK LINE REPRESENTS MAX THERMAL GRADIENT.
MAX CURRENT IS 12 - 15 NM SEAWARD OF THIS LINE.

National Environmental Satellite Service
Satellite Field Services Station
Post Office Box 8286
Coral Gables, Florida 33124

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: JAN 25 1978

PART A

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

<u>225 867</u>	<u>235 871</u>	<u>242 870</u>	<u>256 865</u>	<u>254 850</u>	<u>256 841</u>	<u>249 838</u>	<u>245 838</u>	<u>241 835</u>	<u>235 831</u>
<u>235 828</u>	<u>241 828</u>	<u> </u>							



NNNN↓A
ZCZC WBC185
TBXX40 KMIA 251400

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

CODED POINTS GIVE LATITUDE/LONGITUDE ALG THE CSTWD EDGE OF
THE WRMR WATER-
225867 235871 242870 256865 254850 256841 249838 245838 241835
235831 235828 241818.

THE MAXIMUM CURRENT OF THE LOOP CURRENT LIES ABOUT 14 KILOMETRES
SOUTH AND EAST OF THIS LINE.

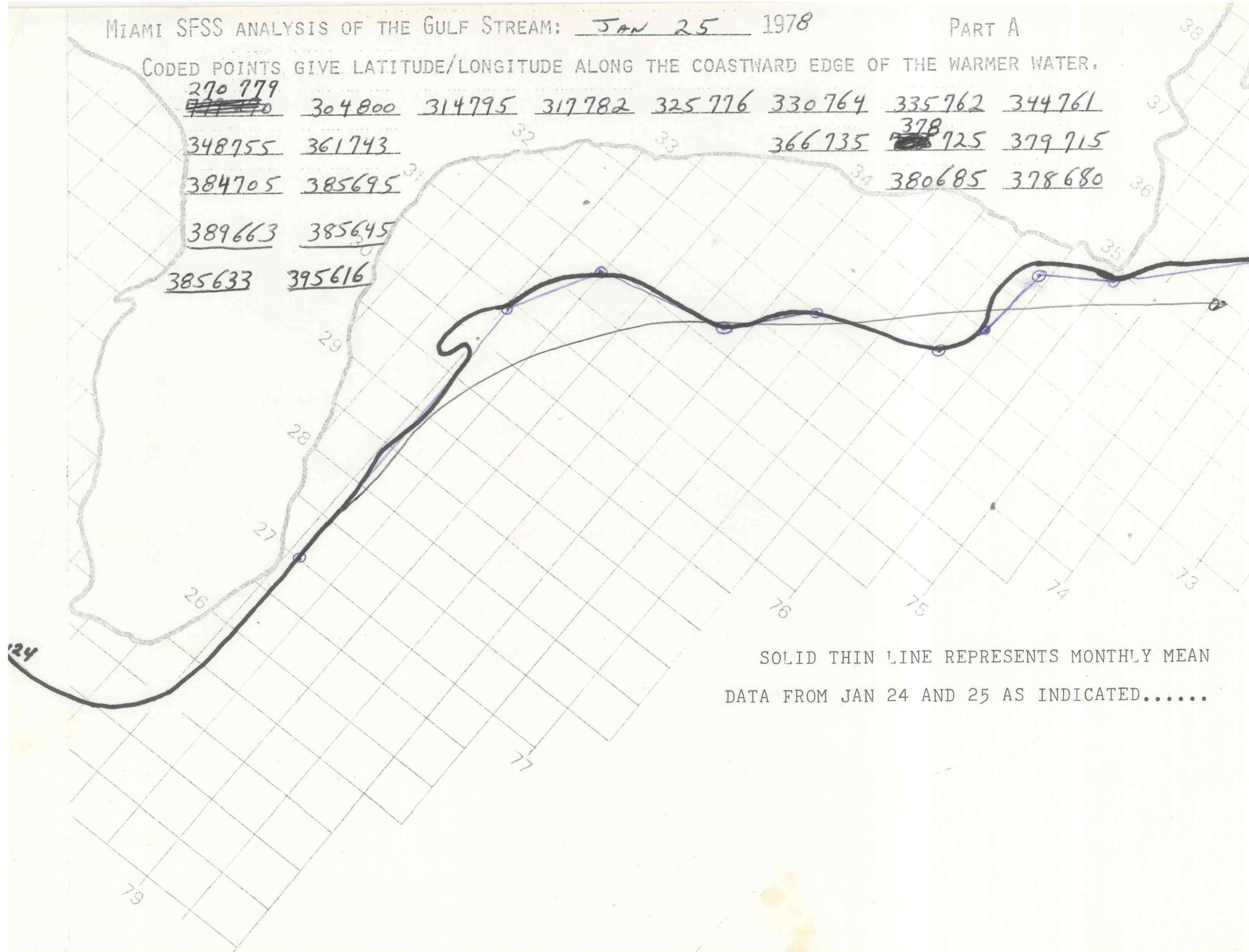
BAIG/DUERNBERGER

MIAMI SFSS ANALYSIS OF THE GULF STREAM: JAN 25 1978

PART A

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

<u>290 779</u>	<u>304 800</u>	<u>314 795</u>	<u>317 782</u>	<u>325 776</u>	<u>330 764</u>	<u>335 762</u>	<u>344 761</u>
777 770							
<u>348 755</u>	<u>361 743</u>				<u>366 735</u>	<u>378 725</u>	<u>379 715</u>
<u>384 705</u>	<u>385 695</u>					<u>380 685</u>	<u>378 680</u>
<u>389 663</u>	<u>385 645</u>						
<u>385 633</u>	<u>395 616</u>						

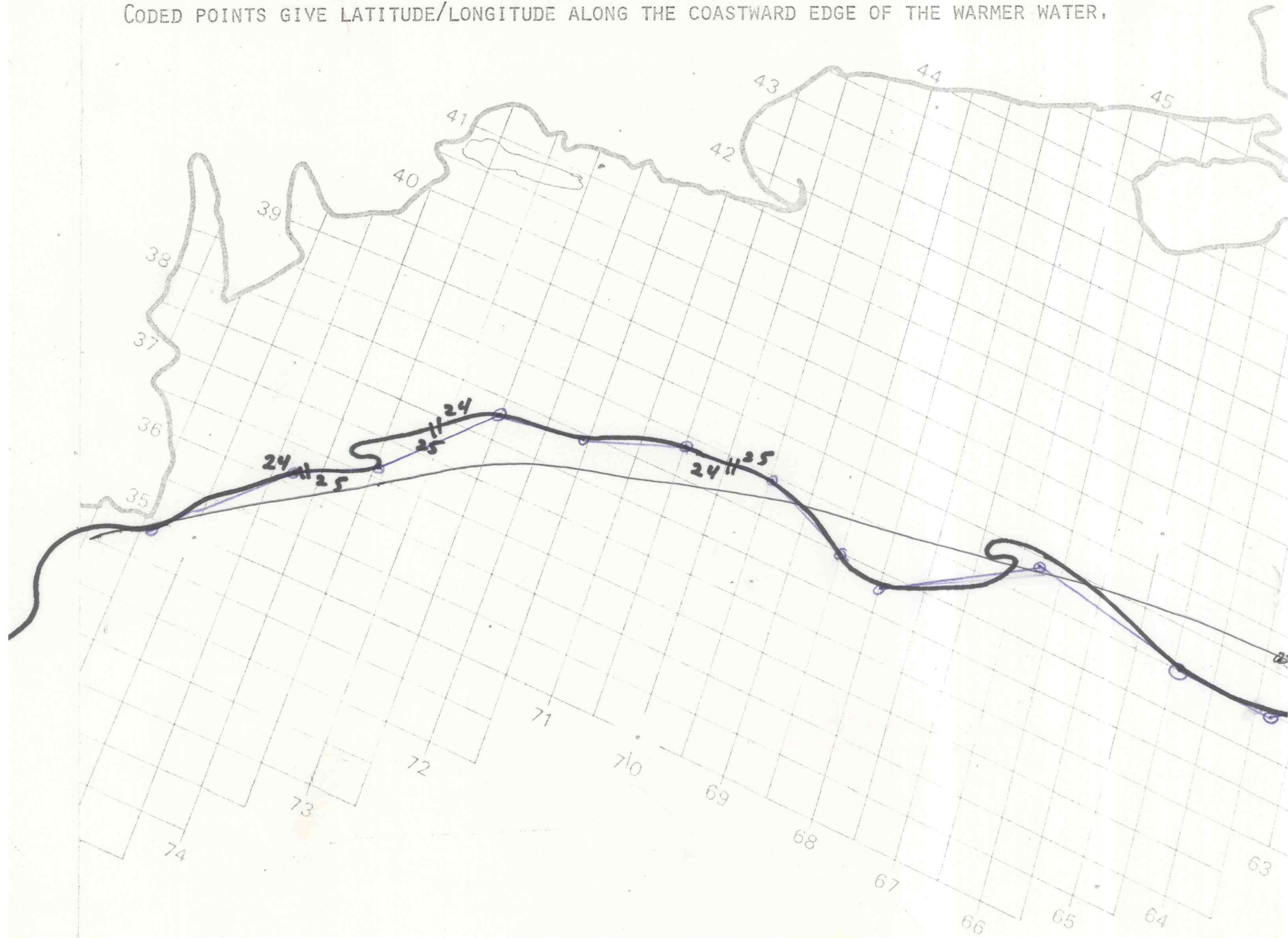


SOLID THIN LINE REPRESENTS MONTHLY MEAN DATA FROM JAN 24 AND 25 AS INDICATED.....

MIAMI SFSS ANALYSIS OF THE GULF STREAM: JAN 25 1978

PART B

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



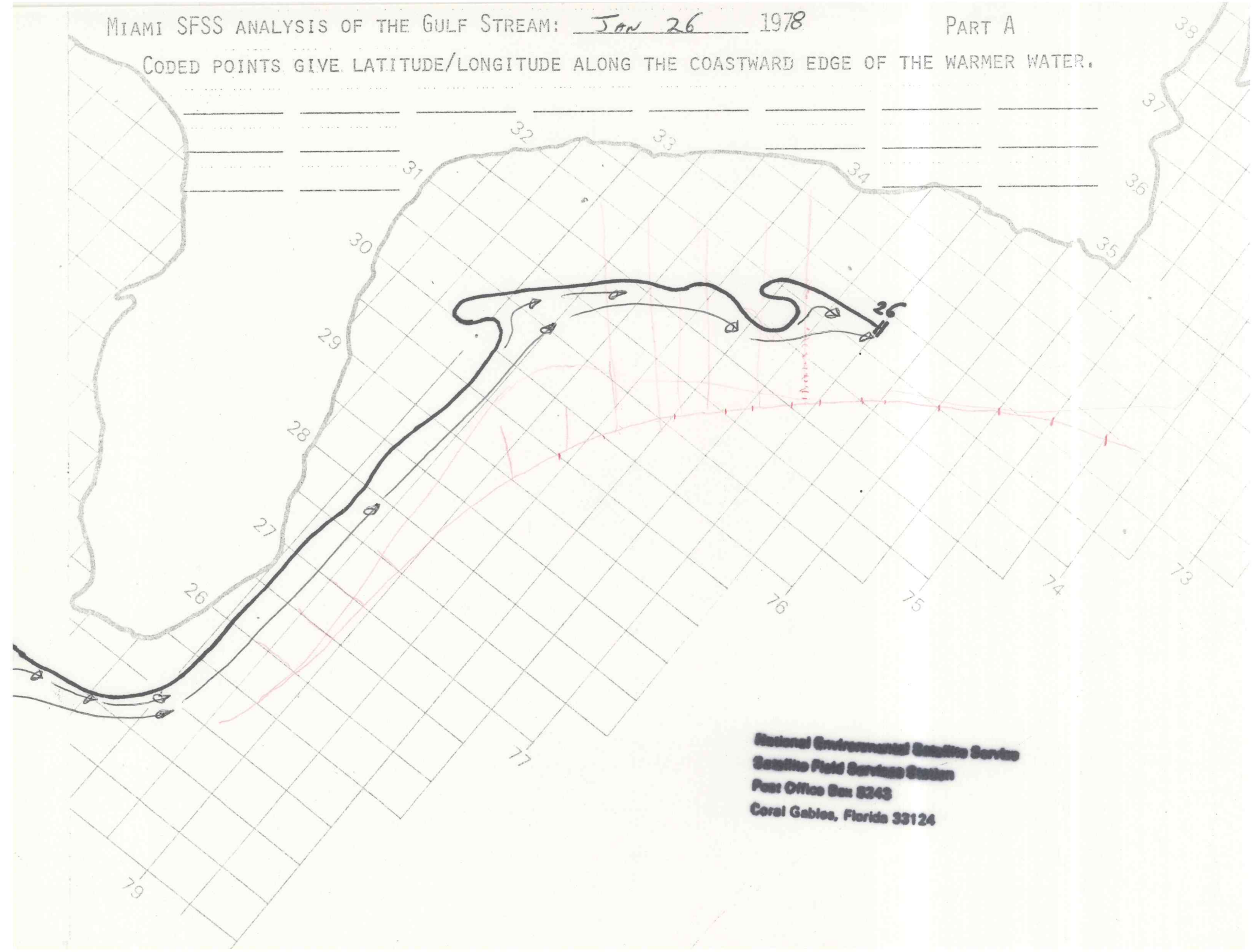
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: Jan 26 1978

PART A

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



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



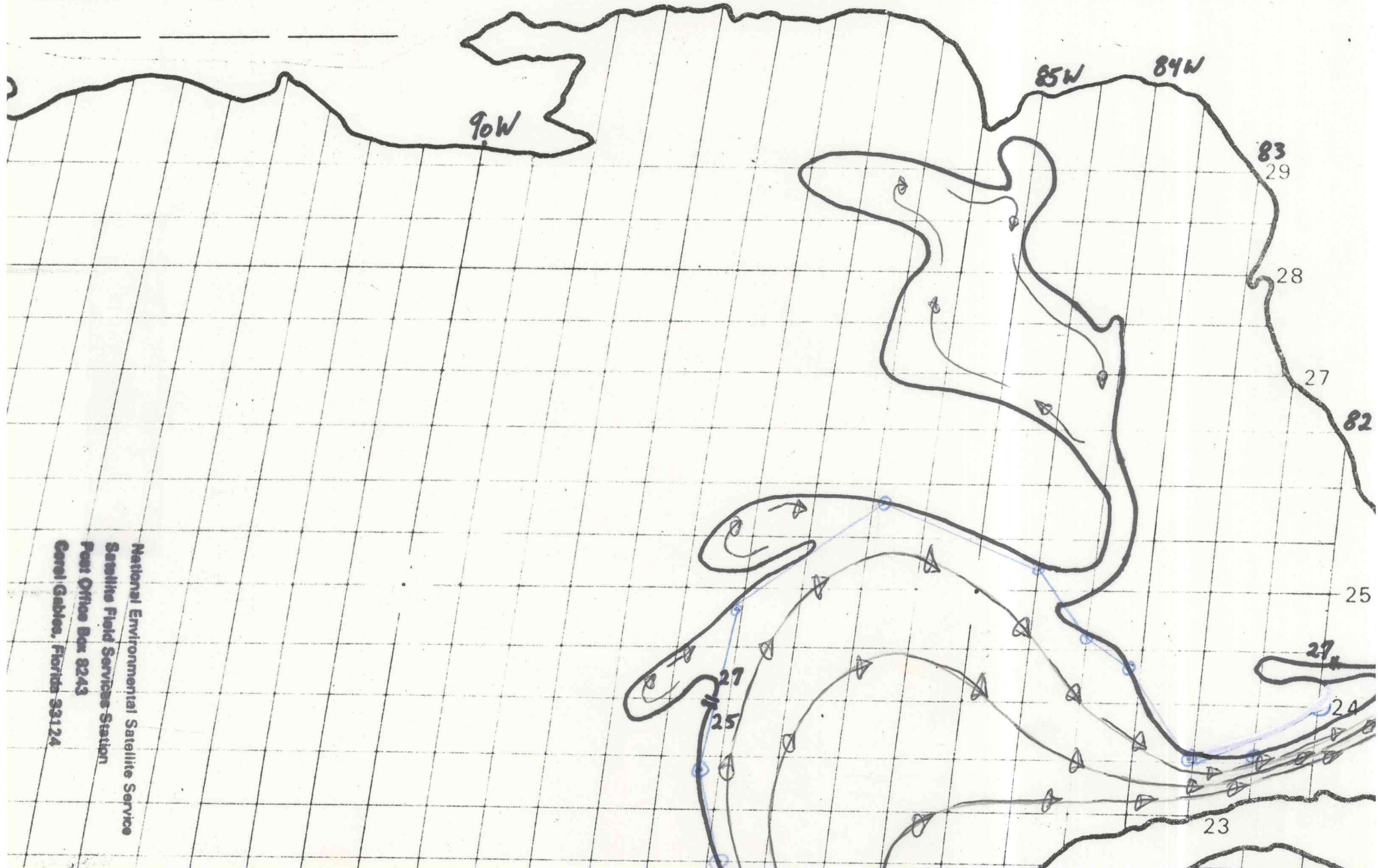
National Environmental Satellite Service
Satellite Field Service Station
Post Office Box 8243
Coral Gables, Florida 33124

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: JAN 27 1978

PART A

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

225 869 234 872 248 871 258 859 252 845 246 840 244 836 231 830 231 825 241 813 //



National Environmental Satellite Service
Satellite Field Services Station
Post Office Box 8243
Coral Gables, Florida 33124

NNNNJA
ZCZC WBC801
TBXX40 KMIA 271330

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

CODED POINTS GIVE LATITUDE/LONGITUDE ALG THE CSTWD EDGE OF
THE WRMR WATER-
225869 234872 248871 258859 252845 246840 244836 231830 231825
241813.

THE MAXIMUM CURRENT OF THE LOOP CURRENT LIES ABOUT 14 KILOMETRES
SOUTH AND EAST OF THIS LINE

WARM CUT-OFF EDDY BTWN 27 TO 29N FROM 84.5 TO 86.0W.

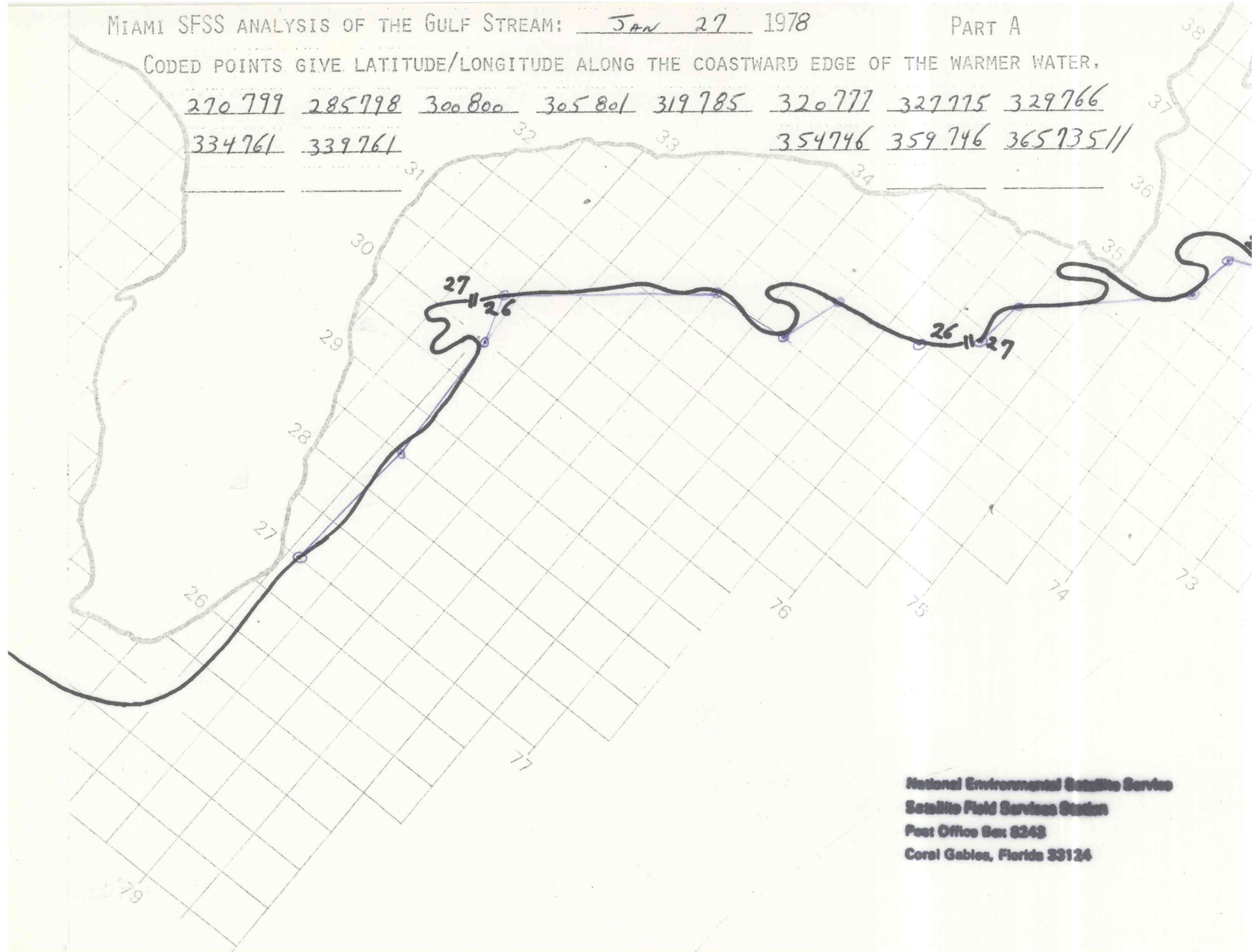
BAIG/DUERNBERGER

MIAMI SFSS ANALYSIS OF THE GULF STREAM: JAN 27 1978

PART A

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

270799 285798 300800 305801 319785 320777 327775 329766
334761 339761 354746 359746 365735 //



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Satellite Field Service Station
Post Office Box 8243
Coral Gables, Florida 33124

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

220870 233872 244871 254863 260862 262854 259847 238832 234822 237817
238813 //



NNNN↓A
ZCZC WBC574
TBXX40 KMIA 302100

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
30 JAN 1978.

CODED POINTS GIVE LATITUDE/LONGITUDE ALG THE CSTWD EDGE OF
THE WRMR WATER-

220870 233872 244871 254863 260862 262854 259847 238832 234822
237817 238813.

THE MAXIMUM CURRENT OF THE LOOP CURRENT LIES ABOUT 14 KILOMETRES
SOUTH AND EAST OF THIS LINE

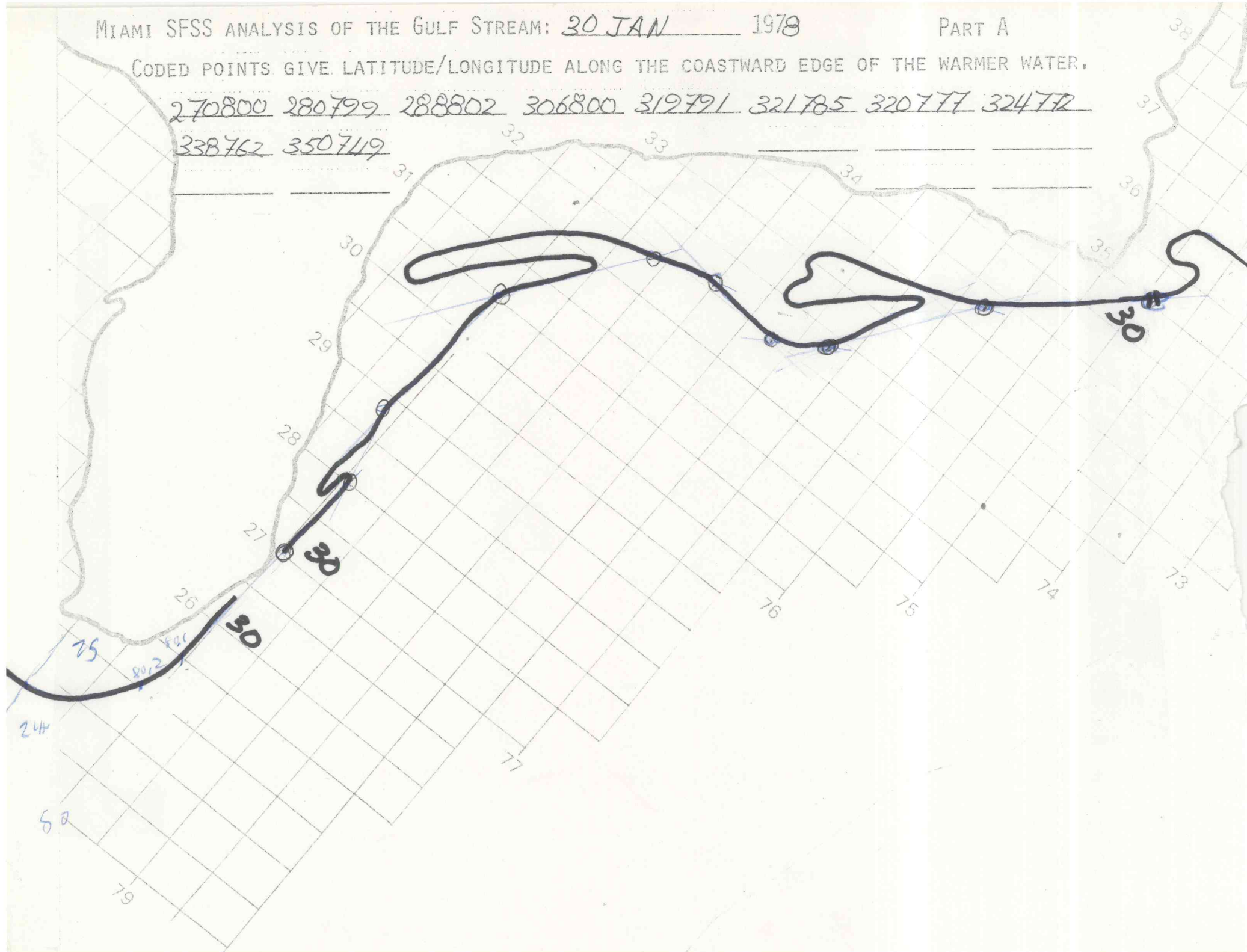
BAIG/DUERNBERGER

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 30 JAN 1978

PART A

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

270800 280799 288802 306800 319791 321785 320777 324772
338762 350749



NNNN↓A

ZCZC WBC622

SKNT1 KWBC 301940

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 28.8/80.2 30.6/80.0

31.9/79.1 32.1/78.5 32.0/77.7 32.4/77.2

33.8/76.2 35.0/74.9 35.5/73.5

DC 30 5 25 6H 158

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 TO 15
MILES SEWARD OF THIS LINE. LATEST SATELLITE DATA
01/30/78 AT 1731Z

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 30 JAN 1978

PART B

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

